GEOLOGICAL EXPLORATION AT THE GROMMET PROPERTY

NTS: 105 B 11 Watson Lake Mining District, Yukon Territory, Canada

60°32’ N 131° 19’ W

Author
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CLAIMS:
Grommet 1-4 [YE31834 – YE31837]
Grommet 5-14 [YE31858 – YE31867]
Grommet 15-42 [YE31923 – YE31950]

WORK PERFORMED:
July 22 – August 7, 2013

September 30, 2013

Prepared for:
Manson Creek Resources Ltd.

Prepared by:

AURORA GEOSCIENCES

TECHNICAL REPORT
GEOLOGICAL EXPLORATION AT THE GROMMET PROPERTY

Effective Date: September 30, 2013

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1 EXECUTIVE SUMMARY

The Grommet Property is centred at 60°32' N 131° 19' W, 203 km ESE from Whitehorse. The property is accessible by helicopter and consists of 42 Quartz Claims recorded in the Watson Lake Mining District.

Porphyry-style molybdenum and copper mineralization was discovered on the Grommet Property in 1981 and the property was subsequently explored by Getty Canadian Minerals, Limited with soil geochemical surveys, geological mapping, prospecting and a magnetometer survey. Getty outlined a 3600 m by 600 m molybdenum in soil anomaly centred on a small granodiorite stock in the informally named Thrall Creek. Rock samples returned assays to 0.036% Mo and 0.23 OPT Ag. The property was allowed to lapse after work completed in 1982. Panarc Resources staked the property in 2012 to investigate the gold potential of the system. They explored the property in the summer of 2012, collecting rock samples that ran up to 733 ppm Mo, 4854 ppm Cu, 2.04 g/t Au and 30.6 ppm Ag. Reconnaissance soil surveys located gold in soils up to 335 ppb Au. The property was optioned to Manson Creek Resources Ltd. in March 2013 who performed the work described in this report.

Prospecting, geological mapping and soil geochemical surveys were conducted on the property by a two man crew from July 22 to August 7, 2013. The crew installed a 1300 m (EW) by 1100 m (NS) flagged soil grid with lines spaced 100 m apart and stations spaced 50 m apart, centred on an area in the northern portion of the property where anomalous gold, copper and molybdenum values in soils were highest. They also collected reconnaissance soil samples on profile lines elsewhere on the property. Prospecting and geological mapping covered a 3 km by 1 km area centred on the granodiorite stock. A total of 325 soil samples were collected together with 68 rock samples.

The property is underlain by Slide Mountain Terrane Carboniferous to Permian metavolcanic rocks (greenstones) intruded by coeval diorite. These have been deformed by NE directed thrust faulting, folding and regional metamorphism imprinting a foliation sub-parallel to bedding. These rocks were subsequently intruded by a satellite granodiorite stock of the Cretaceous Cassiar Batholith. On the property this consists of the Main Stock, located on the west side of Thrall Creek and a smaller East Stock on a ridge east of Thrall Creek. These stocks have NW-SE long axes and may be part of the same single intrusion. The granodiorite bodies are cut by quartz feldspar porphyry (QFP) dykes and veins which are marginal to and within the host stocks. Large areas on the flanks of the granodiorite stocks are cut by swarms of QFP dykes and veins. Associated with and cutting the QFP dykes and country rocks are quartz veins carrying molybdenite, pyrite and other sulphides in lesser concentrations.

Work to date has outlined a large (+1100 m by 600 m) coincident molybdenum-copper and gold in soil anomaly on the west flank of the Main Stock and a strong gold 900 m by 200 m gold in soil anomaly with lesser copper on the East Stock. Peak gold in soil response consists of an isolated 1,592 ppb Au sample from an area of lower response on the west flank of the Main Stock. Prospecting and sampling has identified quartz-molybdenite-pyrite veins in the granodiorite and QFP and strong pyrite-chalcopyrite

veins in the greenstones, both apparently related to the same mineralizing event. Copper response in the greenstone-hosted sulphide veins is higher than in the quartz-molybdenite veins and the source of the gold in soil anomalies has not been defined. The best bedrock gold sample (2.04 g/t Au) was returned from a sample carrying high lead and arsenic (>1000 ppm).

The results of the work to date indicate that the property is underlain by a large molybdenum-copper-gold porphyry system. The soil responses in copper and molybdenum have not been closed off by current surveys and additional work is necessary to define the full limits of the system. Detailed geological mapping and sampling, induced polarization surveys and trenching or shallow drilling are recommended to locate and assess bedrock sources for the soil anomalies.

2 INTRODUCTION

The Grommet Property is a copper-gold-molybdenum porphyry prospect in the southern Yukon Territory. Aurora Geosciences Ltd. was retained by Manson Creek Resources Ltd. to conduct a geological exploration program at the Grommet Property. The purpose of this project was to define and investigate gold mineralization associated with copper and molybdenum found on the property.

All geographic locations in this report are relative to North American Datum 1983. Non-geodetic coordinates are expressed in Universal Transverse Mercator Zone 9N metric coordinates. All measurements are expressed in the metric system unless they are measurements quoted from historic reports expressed in other units of measure. All geophysical data units are in the metric SI system. Angles are expressed relative to true north unless otherwise stated.

3 LOCATION & ACCESS

The Grommet Property is located at 60°32' N 131° 19' W on NTS 105 B11 in the south central Yukon. The property location is shown in Figure 1. The property is 203 km east-southeast of Whitehorse and 147 km west-northwest from Watson Lake. The property can be reached by helicopter with the closest road staging point being the north end of the Pine Lake Airstrip, accessible from a turnoff near Km 1180 on the Alaska Highway. The nearest float plane staging point is on Wolf Lake, 16 km west of the property.

4 PROPERTY DESCRIPTION

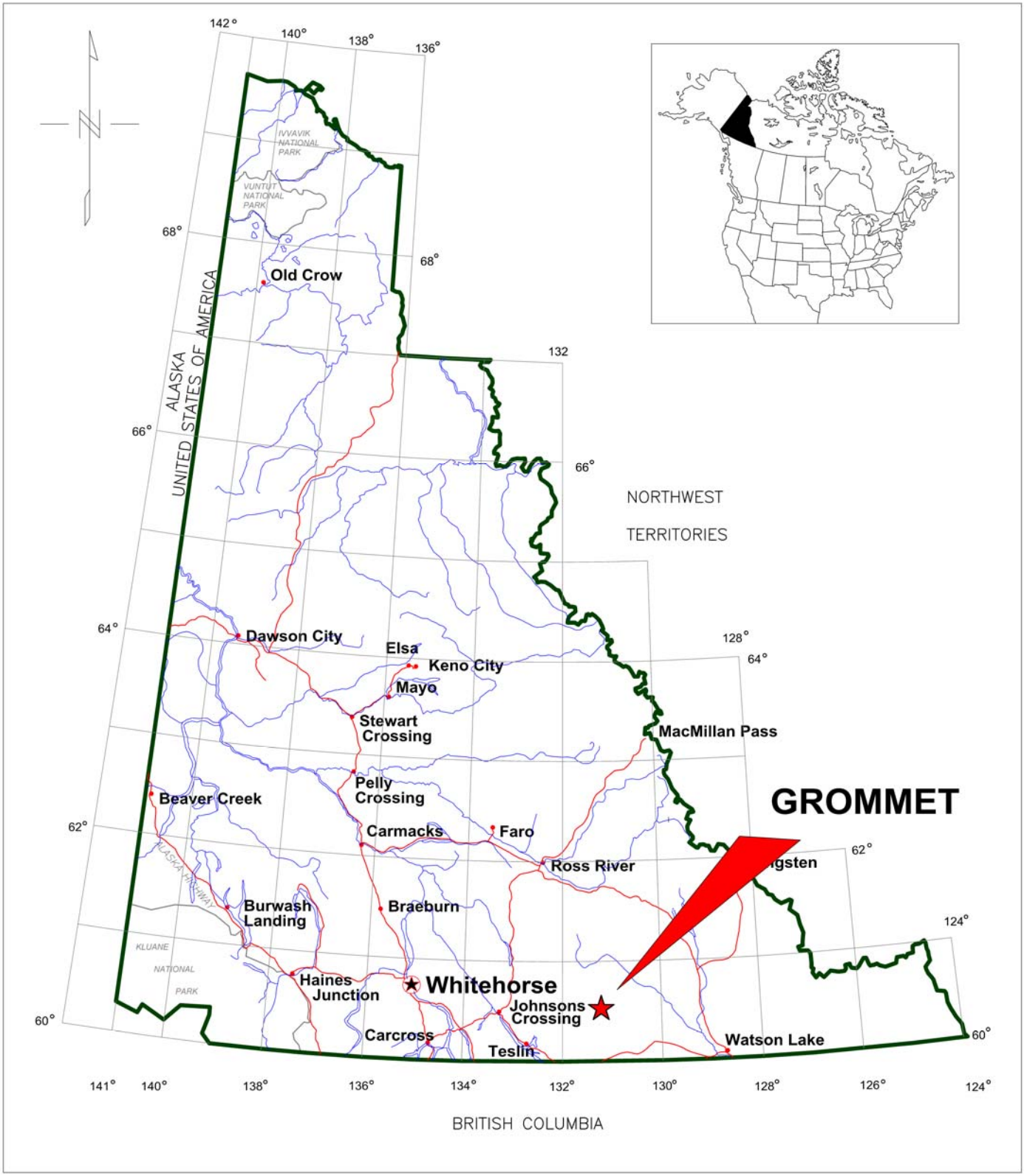
The Grommet Property consists of 42 Quartz Claims staked under the Yukon Quartz Mining Act and recorded in the Watson Lake Mining District. Claim locations are shown in Figure 2 and claim information[1] is summarized below:

Table 1. Claim data

Claim Names	Tag or Record Numbers	Size (acres)	Expiry Date
Grommet 1-4	YE31834 – YE31837	206.6	19 Jan 2018
Grommet 5-14	YE31858 – YE31867	516.5	18 Jun 2018
Grommet 15-42	YE31923 – YE31950	1446.3	24 Jul 2014

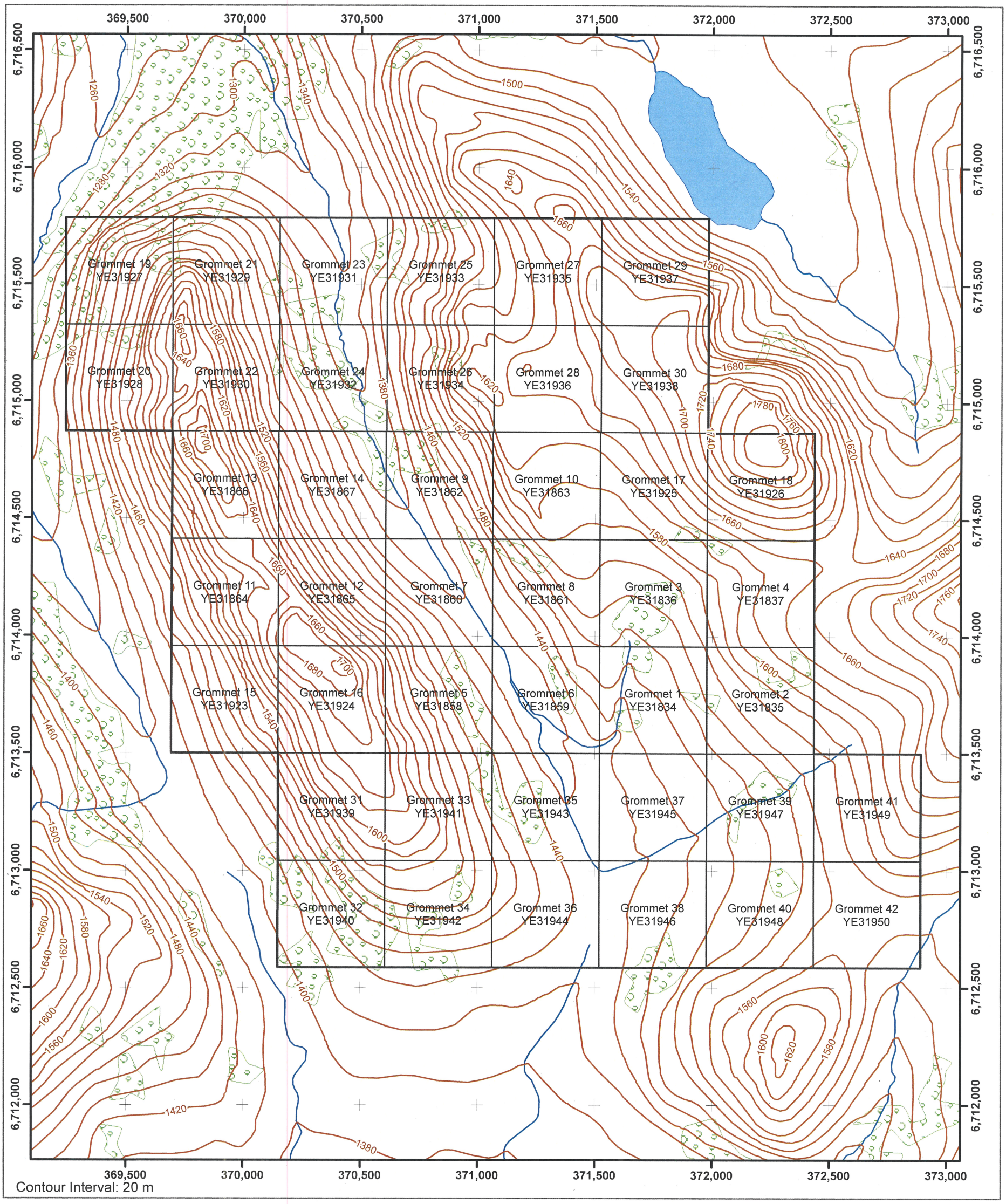
The claims comprising the Property may be retained in good standing by performing assessment work in the amount of $100 per claim each year and by paying assessment filing fees of $5 per claim for each year of work filed as assessment. Up to 5 years of assessment work may be filed in the calendar year commencing and ending on the claim anniversary date. The claims are owned by Panarc Resources Ltd.

[1] Claim information as provided by the Watson Lake Mining Recorder (www.yukonminingrecorder.ca) on September 3, 2013. Anniversary dates do not reflect the value of work described in this report.



100000 0 100000
(meters)

PANARC RESOURCES LTD.	
GROMMET PROPERTY **Figure 1. Property Location Map**	
NTS: 105 B 11 Datum: NAD83 Job: PRL-13529-YT	Mining District: Watson Lake Projection: Yukon Albers Date: 03 Sep 13
AURORA GEOSCIENCES LTD.	



0 250 500 750 1,000 Metres

Legend

- Claims - Outline - 2013
- Claims
- 105B11 - Wooded area

GROMMET PROPERTY
2013 Exploration Program
Figure 2. Claim locations

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PANARC RESOURCES

NTS: 105B 11 Mining District: Watson Lake
Datum: NAD83 Projection: UTM Zone 9N
Job: PRL-13538-YT Date: 03 Sep 2013

and are under option to Manson Creek Resources Ltd. under terms of a letter of intent dated March 22, 2013.

5 CLIMATE & TOPOGRAPHY

The property is situated at the headwaters of the informally named Thrall Creek, a northwest-flowing tributary of Irvine Creek which in turn drains west into Wolf Lake. The area lies within the Cassiar Mountains with moderate to steep glaciated ridges reaching 1,500 to 1,800 metres elevation. Elevations on the property range from 1310 m in the valley bottom at the north end of the claims to 1710 m on a ridge on the west boundary of the claims. The property is centred on Thrall Creek with rocky ridges to the west and east and a gently sloping, overburden covered valley bottom in Thrall Creek. Stunted spruce and alpine fir thickets occur in the bottom of the creek with head-high willows and alders. These quickly give way to dwarf birch and willow several hundred feet above the valley floor. Ridge tops are covered by grasses and moss.

There is abundant outcrop exposure on the ridge to the west of Thrall Creek and moderate exposure on the ridge to the east. A lateral moraine is evident on the west side of Thrall Creek and there is exposed bedrock in the bottom of the creek as well as in the walls of the U-shaped valley on both sides of the creek. Adequate water for drilling can be drawn from Thrall Creek throughout the summer months.

Climate in the area consists of cool, damp summers; long cold winters; and short fall and spring seasons. No temperature or climatic data is available in the general property area.

6 EXPLORATION HISTORY

In 1978, the Geological Survey of Canada (GSC) conducted a regional stream sediment survey program in the Wolf Lake area, locating anomalous values of Mo, W, Cu, Pb and Zn on Thrall Creek. The area was quickly staked on speculation in 1979 but the claims lapsed with no work filed (Hulstein, 1983).

Getty Canadian Metals, Limited sent a field party into the area in June 1981 and discovered molybdenite mineralization associated with quartz veining in quartz-feldspar porphyry and granodiorite in the creek valley. The Thrall 1-64 claims were staked and explored with grid soil sampling and geological mapping later that summer and the Thrall 65 – 92 claims were staked in October of that year to cover the extensions of the soil anomalies. Additional exploration was conducted in 1982 consisting of a magnetic field survey and additional prospecting and geochemical surveys. No further work was conducted on the claims and they were allowed to lapse.

Panarc Resources Ltd. staked a small block to hold the property in January 2012 and expanded it to 14 claims (Grommet 1-14) in June 2012. Panarc conducted a short prospecting and soil sampling program on the property in June 2012 and optioned the property to Manson Creek Resources in March 2013.

7 REGIONAL GEOLOGY

The geology in the area of the Grommet Property has been described by Gordey and Makepiece (1999) and Poole *et al.* (1960) and summarized by Fortin (2012). The following summary is based on these works. The regional geology in the property area is shown in Figure 3, based on data in Gordey and Makepeace (1999).

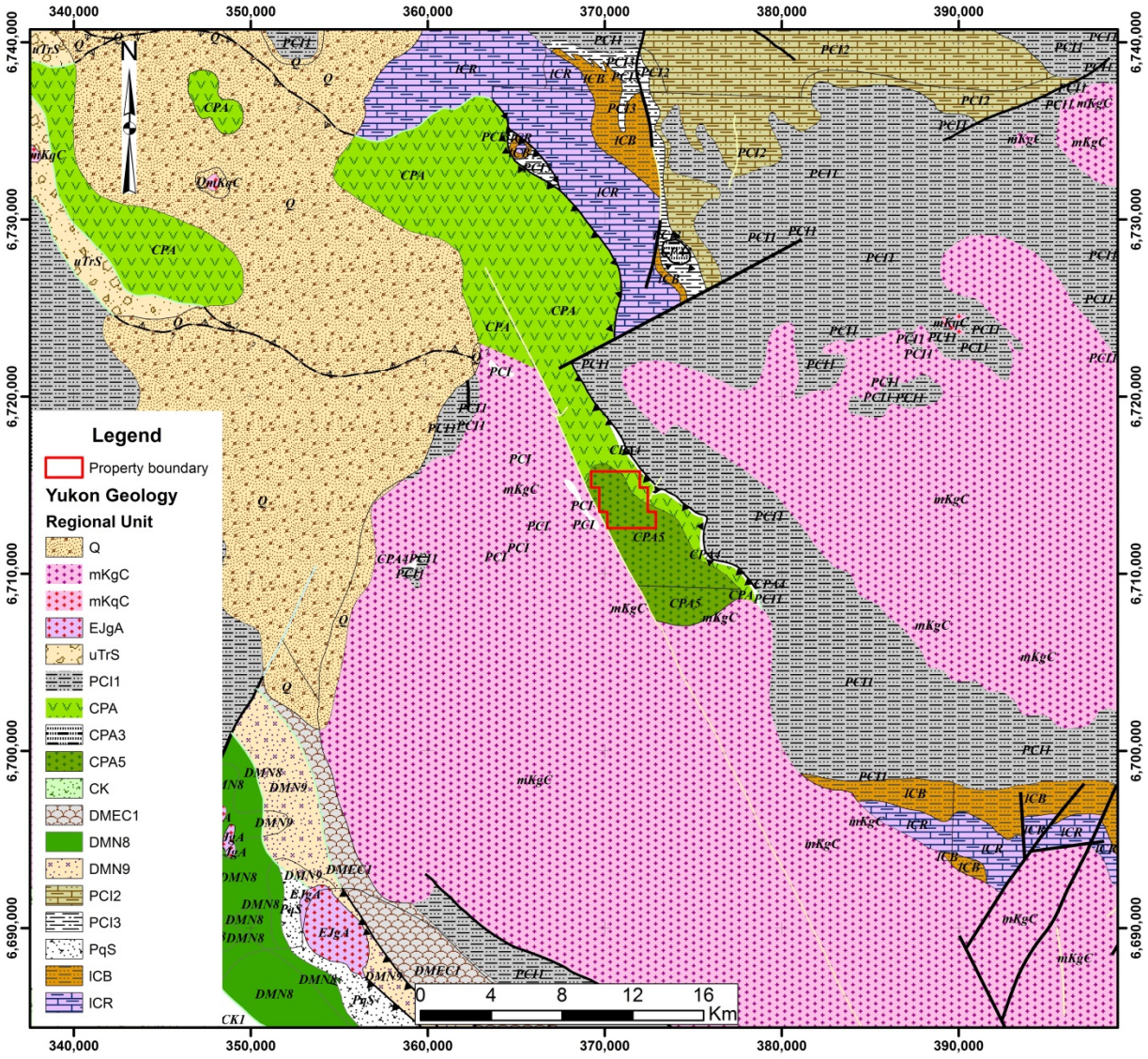


Figure 3. Regional geology in the area of the Grommet Property, based on data from Gordey & Makepeace (1999). Property outline shown in red.

7.1 Tectonic setting

The Irvine Lake and Gravel Creek map-areas lie within the northern Omineca Belt (Monger 1984). The eastern part of the area is underlain by Proterozoic to early Paleozoic meta-sedimentary rocks of Cassiar

Terrane, a fragment of the North American miogeocline which has been displaced northward on the Tintina Fault. The western part of the area is underlain by basaltic meta-volcanics, serpentinized ultramafic rocks, meta-gabbro, and cherty and calcareous meta-sediments of the Slide Mountain terrane. Unfoliated to weakly foliated Cretaceous granitic intrusives (Marker Lake and Cassiar batholiths and Cabin Creek and Gravel Creek stocks) occur throughout the area intruding both the Cassiar and Slide Mountain terranes. Slide Mountain and Cassiar terranes are juxtaposed by an east-verging thrust fault (Zak fault). Southwest of Irvine Lake, this fault places serpentine, basaltic meta-volcanics, and an undeformed dioritic intrusion onto a footwall consisting of the Proterozoic Tsaydiz Fm. and older units. Northwest of Irvine Lake, near Shootamook Creek, the thrust places cherty meta-sediments of the allochthon onto marble and quartzite inferred to be lower Cambrian Rosella and Boya Formations, respectively.

The northern end of the Cassiar batholith extends into the southwestern corner of Irvine Lake map-area. Its northeastern contact with rocks of Slide Mountain terrane is a sub-vertical, northwest-southeast trending mylonite zone several tens of metres wide. The mylonite zone lies along a pronounced topographic lineament which extends from the trace of the Cassiar fault south of the Alaska Highway northwestwardly into the Irvine Lake map-area.

7.2 Stratigraphy

The following rock units described in Poole *et al.* (1960) and Gordey and Makepeace (1999) are present in the immediate property area:

Table 2. Regional stratigraphy in the project area

Rock Unit [Age]	Description
Q [Quaternary - Holocene]	Unconsolidated glacial till and periglacial sediments; talus, lacustrine and alluvial deposits.
Cassiar Batholith **mKgc** [Cretaceous]	Weakly foliated granodiorite, quartz diorite, quartz monzonite and granite
Slide Mountain intrusives **CPA5** [Carboniferous – Permian]	Diorite, quartz diorite, gabbro with minor orthogneiss. Unfoliated coarse-grained quartz diorite, diorite, leucogabbro, and pods of pyroxenite of this unit are found in southwestern Irvine Lake map-area. The contact with the meta volcanics is sharp and the intrusion contains foliated greenstone xenoliths identical to those in the meta-volcanics suggesting an intrusive relationship.
Slide Mountain volcanics **CPA** [Carboniferous – Permian]	Basalt, diorite, gabbro, and greenstone; argillite, siltstone, tuff; dunite, peridotite, serpentinite. Foliated mafic meta-volcanic unit: Strongly foliated and locally lineated fine-grained, chlorite, actinolite, and plagioclase-bearing greenstone. Cherty meta-sedimentary unit: Consists of deformed and metamorphosed chert, argillite, minor mafic meta-volcanic, and tentatively includes poorly exposed chert- and limestone-pebble conglomerate and siltstone. Mixed meta-gabbro, serpentinized ultramafic, and mafic meta-volcanic(?) unit: Massive meta-gabbro, serpentinized peridodite, and minor mafic rocks (which

	may be dykes rather than flows).
PCI1 [Upper Proterozoic]	Shale, sandstone, grit and quartzite with subordinate carbonates

7.3 Structure

In the property area, rocks have been affected by the following deformational events (Poole *et al.*, 1960; Gordey and Makepeace, 1999):

Table 3. Deformational history in the project area

Deformational Event	Age	Description
Tombstone intrusions	Cretaceous	Intrusion of Cassiar Batholith and related granitic rocks.
Obduction	Early Middle Jurassic	Thrust fault emplacement of Slide Mountain Terrane metavolcanics and associated intrusive and subordinate sedimentary rocks over older metasediments of the North American miogeocline. Development of a regional foliation parallel with the basal Cassiar Thrust

In the property area, deformation consists dominantly of northeast-verging, northwest-striking thrust faults with a sub-parallel foliation (S_1) affecting both Slide Mountain and North American miogeocline rocks. In the property area, Cretaceous intrusive rocks appear to be flat lying to gently domal with long axes parallel to the northwest strike of the Slide Mountain Terrane rocks. It appears that the Paleozoic greenstone and volcanic rocks underlying much of the property are a roof pendant in the Cassiar Batholith.

8 WORK PROGRAM

This section describes the work program conducted on the Grommet Property in 2013. Geological mapping, prospecting and soil geochemical surveys were conducted on the property and these are described in the following sections. Appendix II contains a project log and Appendix III contains a summary of expenditures.

8.1 Geological mapping and prospecting

Geological mapping and prospecting was conducted on the property from July 22 to August 7, 2013. The purpose of this work was to delineate known mineralization, ascertain the geological setting of the known mineralization and to discover new mineralization on and adjacent to the property.

8.1.1 Personnel & equipment

The work program was conducted by the following personnel:

Crew chief:	Kel Sax
Junior geologist:	Catriona Spencer

The crew was equipped with the following instruments and equipment:

Instruments:	3 – Garmin non-differential GPS receivers
Equipment:	1 – set sampling gear 1 – Field office 3 – Radios
Camp:	1 – 2 man camp, sleeping, kitchen gear 1 – Satellite phone 1 – 2KW gas inverter
Vehicles:	1 – 1 Ton truck

8.1.2 Specifications

Geological mapping and prospecting were conducted according to the following specifications:

Mapping Datum:	NAD83 UTM Zone 9N
Location recording:	Non-differential GPS receivers, averaging readings a minimum of 15 times.
Marking:	Geological stations were not marked. All sample locations were marked with orange and blue flagging and metal tags upon which the sample numbers were scribed.
Traverses:	Recorded with non-differential GPS receivers.
Magnetic declination:	22^0 E

8.1.3 Data products

Field data is contained in the following appendices to this report:

Appendix IV	Geological observations
Appendix V	Sample descriptions & analyses
Appendix VII	Assay certificates

Data is plotted in the following maps and sections included in this report:

Figure 4.	Property geology
Figure 5.	Sample locations

Figure 6.	Rock sample results - Gold
Figure 7.	Rock sample results – Copper
Figure 8.	Rock sample results - Molybdenum

Chemical analyses are shown as dot plots overlain on geology with categories set at the detection limit, mean, and 1st through 3rd standard deviations above the mean. Individual analyses are shown as postings near the station locations.

Digital data on the data stick in this report includes:

Sample data	\\Geology\Sample data
Geological data	\\Geology\Observations
Assay certificates	\\Assays

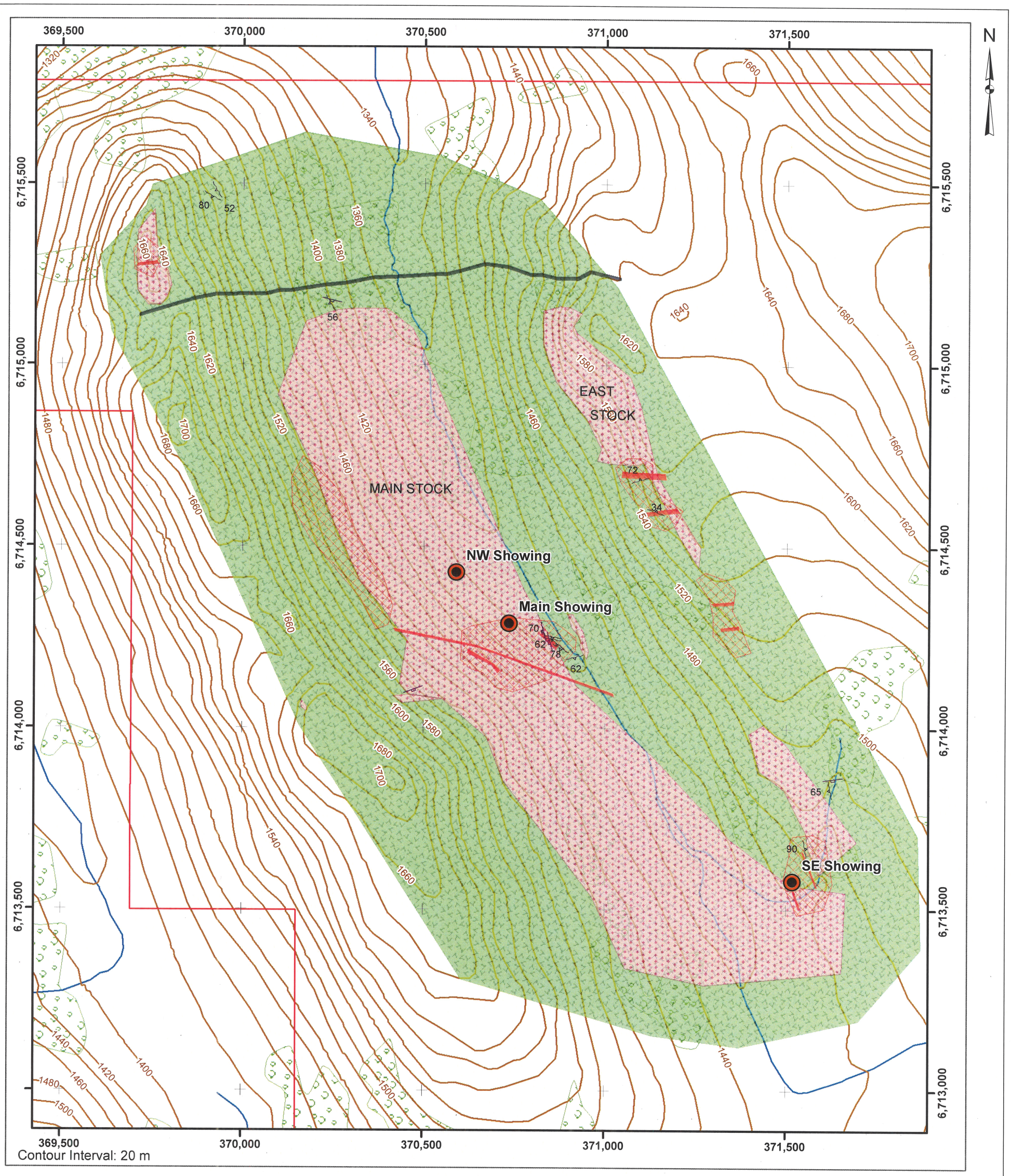
8.2 Soil geochemical survey

A soil geochemical survey was conducted on the property from July 22 to August 7, 2013. The purpose of the survey was to locate mineralization in covered intervals on and adjacent to the property. A detailed grid survey was sited over high gold, copper and molybdenum reconnaissance soil results from the 2012 program.

8.2.1 Specifications

Geological mapping and prospecting were conducted according to the following specifications:

Mapping Datum:	NAD83 UTM Zone 9N
Location recording:	Non-differential GPS receivers, averaging readings a minimum of 15 times.
Grid:	N-S lines spaced 100 m apart from 370,000E (L 0E) to 317,300E (L1300E) Stations spaced 50 m apart from 6,714,400N (4400N) to 6,715,400N (5500N).
Marking:	Soil sample locations were marked with blue and orange flagging and metal tags upon which the sample numbers were scribed.
Sampling:	Soil samples were collected from the B-horizon (where present) in holes dug with mattocks. Maximum hole depth was 2 feet.
Records:	Location, depth, sample description, slope aspect and drainage information were entered into the digital recorders at each site.



Contour Interval: 20 m

0 200 400 600 800 Metres

Legend

- Veins
- S1 - Foliation
- Faults
- Abundant felsic dykes
- Large felsic dykes
- Granodiorite
- Greenstone
- Property boundary

GROMMET PROPERTY
2013 Exploration Program
Figure 4. Property Geology

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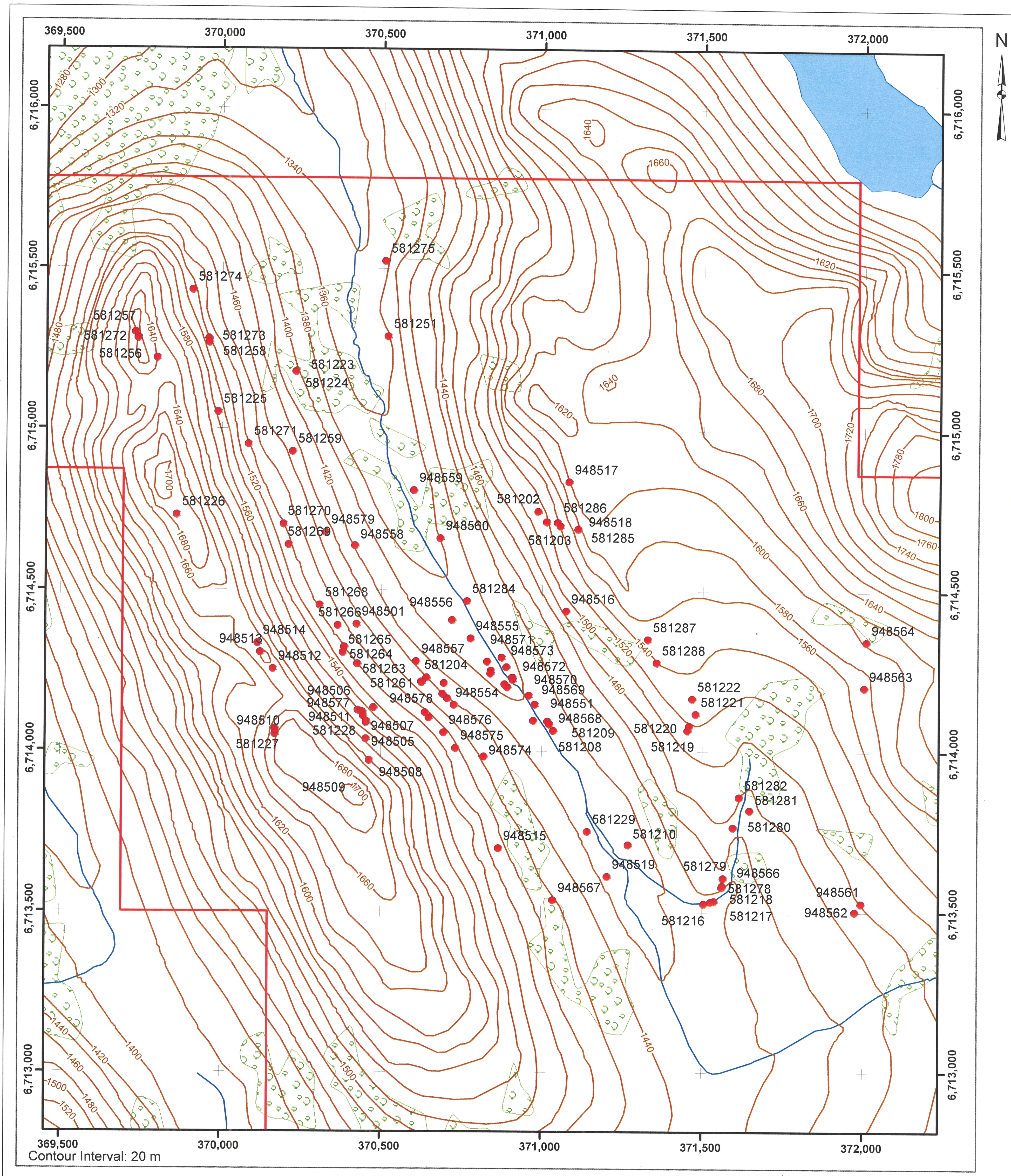
PANARC RESOURCES

NTS: 105B 11 Mining District: Watson Lake
Datum: NAD83 Projection: UTM Zone 9N
Job: PRL-13538-YT Date: 03 Sep 2013



0 200 400 600 800
Metres

Legend

Rock samples

Claims - Outline - 2013

GROMMET PROPERTY
2013 Exploration Program
Figure 5. Rock sample locations

PANARC RESOURCES

AURORA GEOSCIENCES

NTS: 105B 11	Mining District: Watson Lake
Datum: NAD83	Projection: UTM Zone 9N
Job: PRL-13538-YT	Date: 03 Sep 2013

Contour Interval: 20 m

Legend

Gold in rocks (ppb)

- <2
- 2 - 13
- 13 - 62
- 62 - 112
- 112 - 161
- 161 - 2,951
- Faults
- Abundant Dykes
- Felsic_Dykes
- Granodiorite
- Greenstone
- Claims - Outline - 2013

0 200 400 600 800 Metres

GROMMET PROPERTY
2013 Exploration Program
Figure 6. Gold in rock samples

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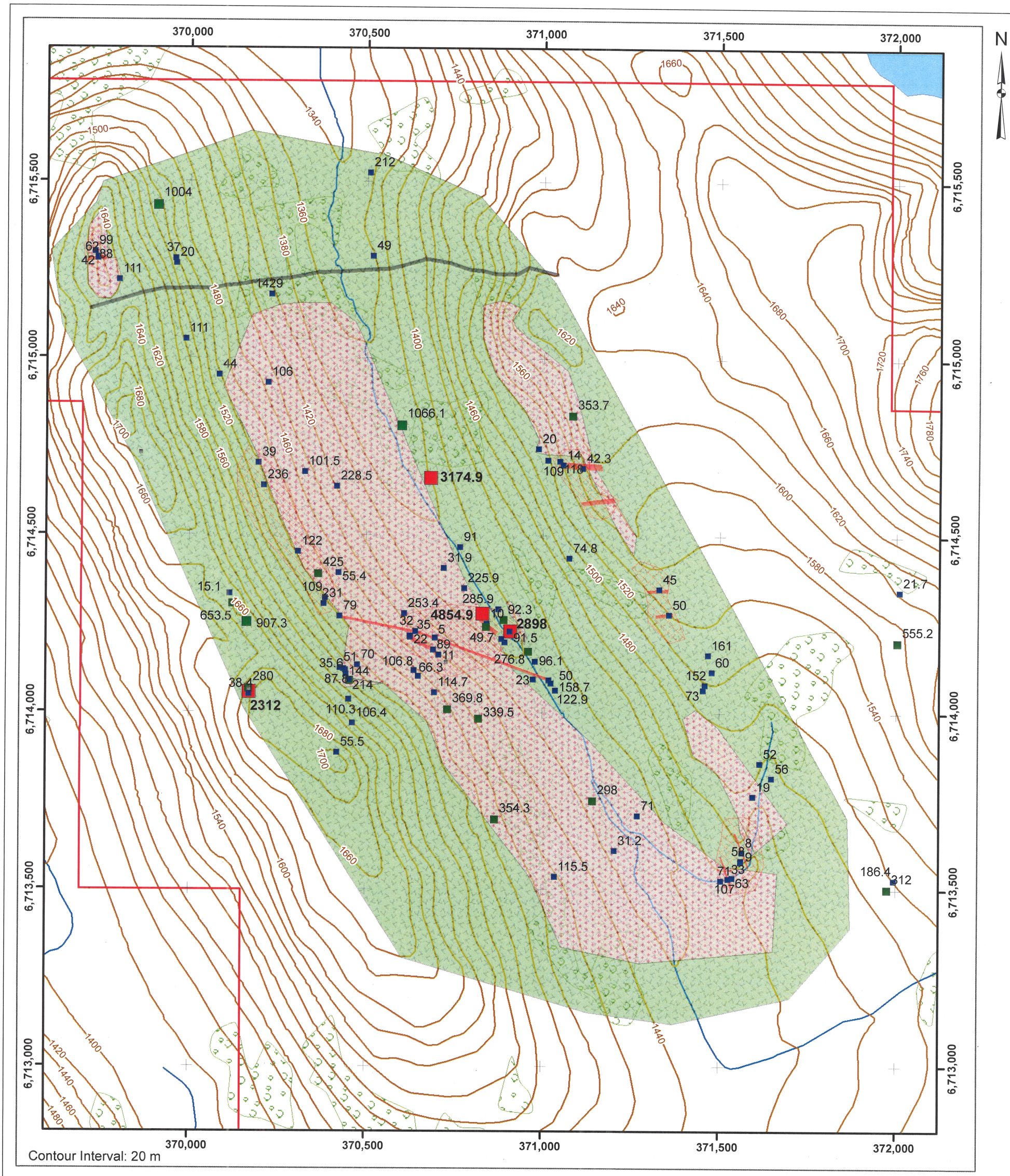
PANARC RESOURCES

NTS: 105B 11 Mining District: Watson Lake
Datum: NAD83 Projection: UTM Zone 9N
Job: PRL-13538-YT Date: 03 Sep 2013



Legend

Copper in rocks (ppm)

- <4
- 4 - 254
- 254 - 891
- 891 - 1528
- 1528 - 2165
- 2,165 - 4,855

- Faults
- Abundant Dykes
- Felsic_Dykes
- Granodiorite
- Greenstone
- Property boundary

0 200 400 600 800 Metres

GROMMET PROPERTY
2013 Exploration Program
Figure 7. Copper in rock samples

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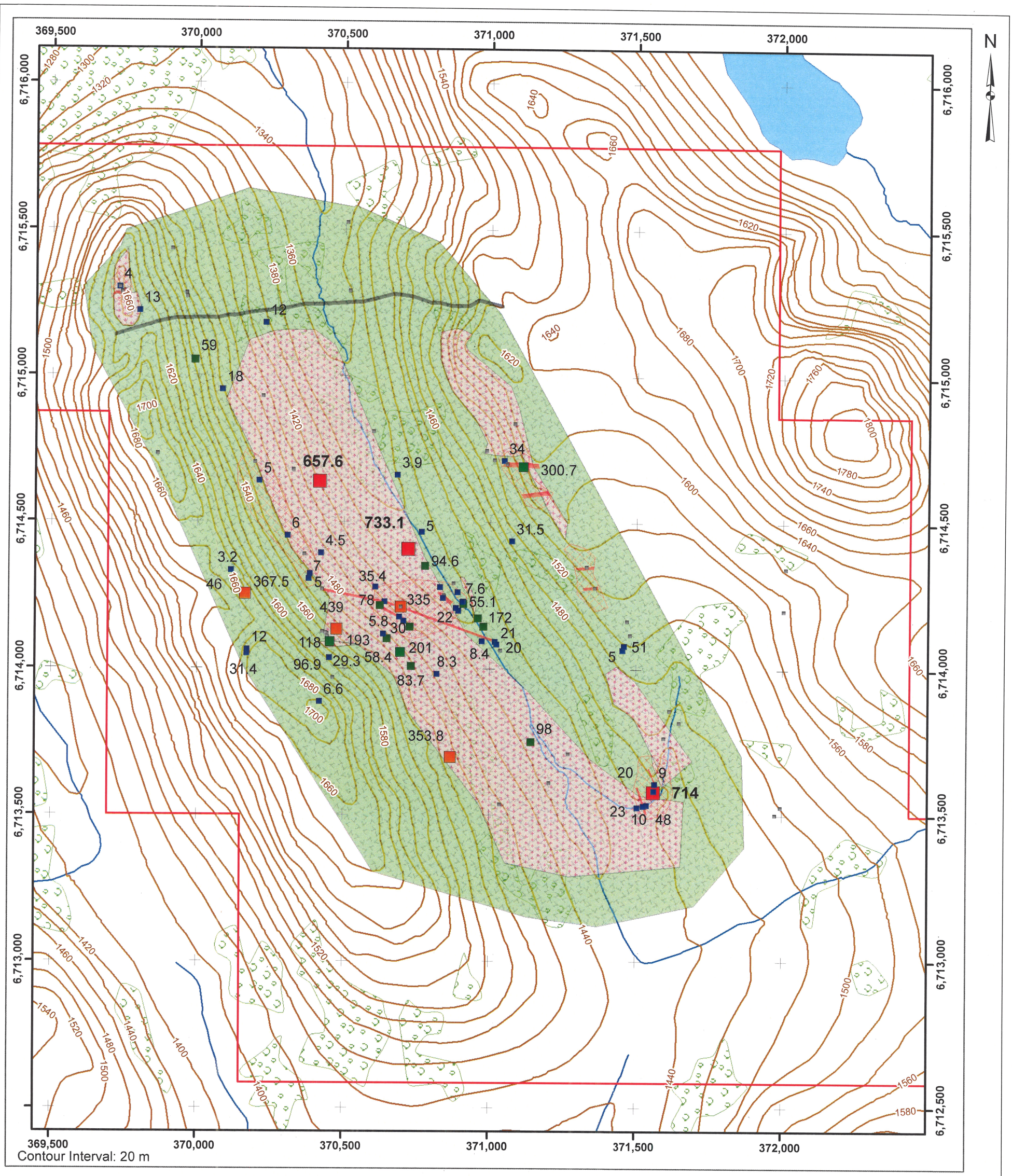
PANARC RESOURCES

NTS: 105B 11 Mining District: Watson Lake
Datum: NAD83 Projection: UTM Zone 9N
Job: PRL-13538-YT Date: 03 Sep 2013



Legend

Molybdenum in rocks (ppm)

- <3
- 3 - 54
- 54 - 186
- 186 - 319
- 319 - 452
- 452 - 733
- Faults
- Abundant felsic
- Large felsic dykes
- Granodiorite
- Greenstone
- Property boundary

0 200 400 600 800 Metres

GROMMET PROPERTY
2013 Exploration Program
Figure 8. Molybdenum in rock samples

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PANARC RESOURCES

NTS: 105B 11 Mining District: Watson Lake
Datum: NAD83 Projection: UTM Zone 9N
Job: PRL-13538-YT Date: 03 Sep 2013

8.2.2 Data products

Field data is contained in the following appendices to this report:

Appendix VI	Soil sample summary sheets
Appendix VII	Assay certificates

Data is plotted in the following maps and sections included in this report:

Figure 9.	Soil sample locations – property scale
Figure 10.	Soil sample locations – grid detail
Figure 11.	Gold soil sample results – property scale
Figure 12.	Gold soil sample results – grid detail
Figure 13.	Copper soil sample results – property scale
Figure 14.	Copper soil sample results – grid detail
Figure 15.	Molybdenum soil sample results – property scale
Figure 16.	Molybdenum soil sample results – grid detail

Digital data on the data stick in this report includes:

Sample data	\\Geochemistry
Assay certificates	\\Assays

9 SAMPLE COLLECTION, SECURITY, PREPARATION & ANALYSIS

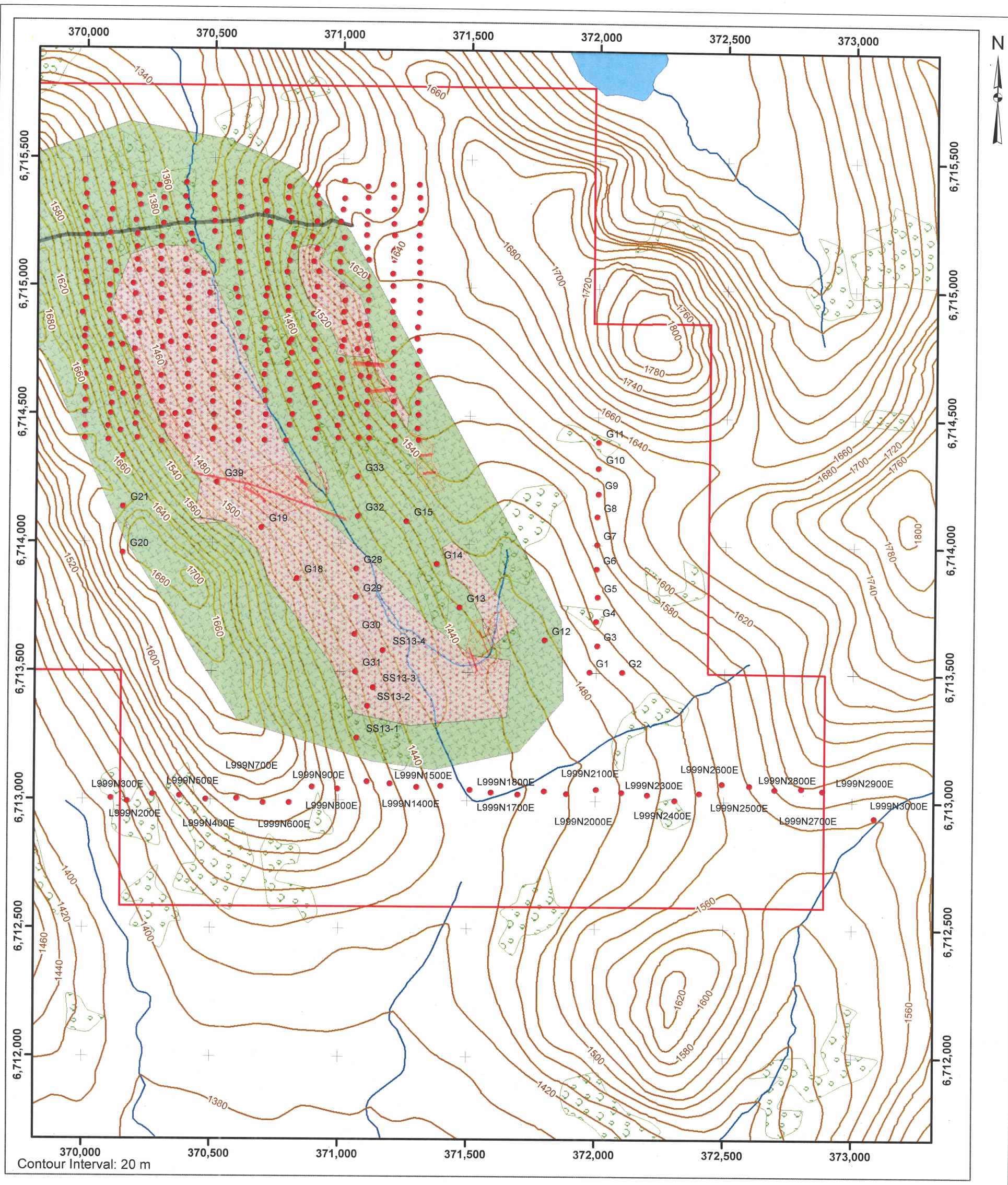
This section describes principles and procedures used in the collection, security, preparation and chemical analysis of rock and soil geochemical samples collected during the work program. All samples collected during the program were sealed in rice bags for transportation to the analytical laboratory with security tags. Samples were retained in the custody of Aurora personnel throughout transportation to the laboratory or were conveyed by a commercial carrier with a conveyance and security form attached.

9.1 Rock samples

Grab and channel samples were collected during the work program. Samples of apparent high grade mineralization (selected grab samples) or representative mineralization (grab samples) were collected from bedrock outcrops, rubble-crop and float. The purpose of the sampling was to determine the full range and grade of economic mineralization on the property.

Rock samples were delivered to Acme Analytical Laboratories facility in Whitehorse, Yukon. At the laboratory, rock samples were prepared and analyzed using Acme codes R250-200 / GEO4. The procedures used were as follows:

1. Rock samples were crushed to 80% passing through a 10 mesh screen.
2. A 250 g sub-sample was split from the crushed sample.
3. The sub-sample was pulverized until 85% passed a 200 mesh screen.



Legend

- Soils - Samples
- Faults
- Abundant felsic dykes
- Large felsic dykes
- Granodiorite
- Greenstone
- Property boundary

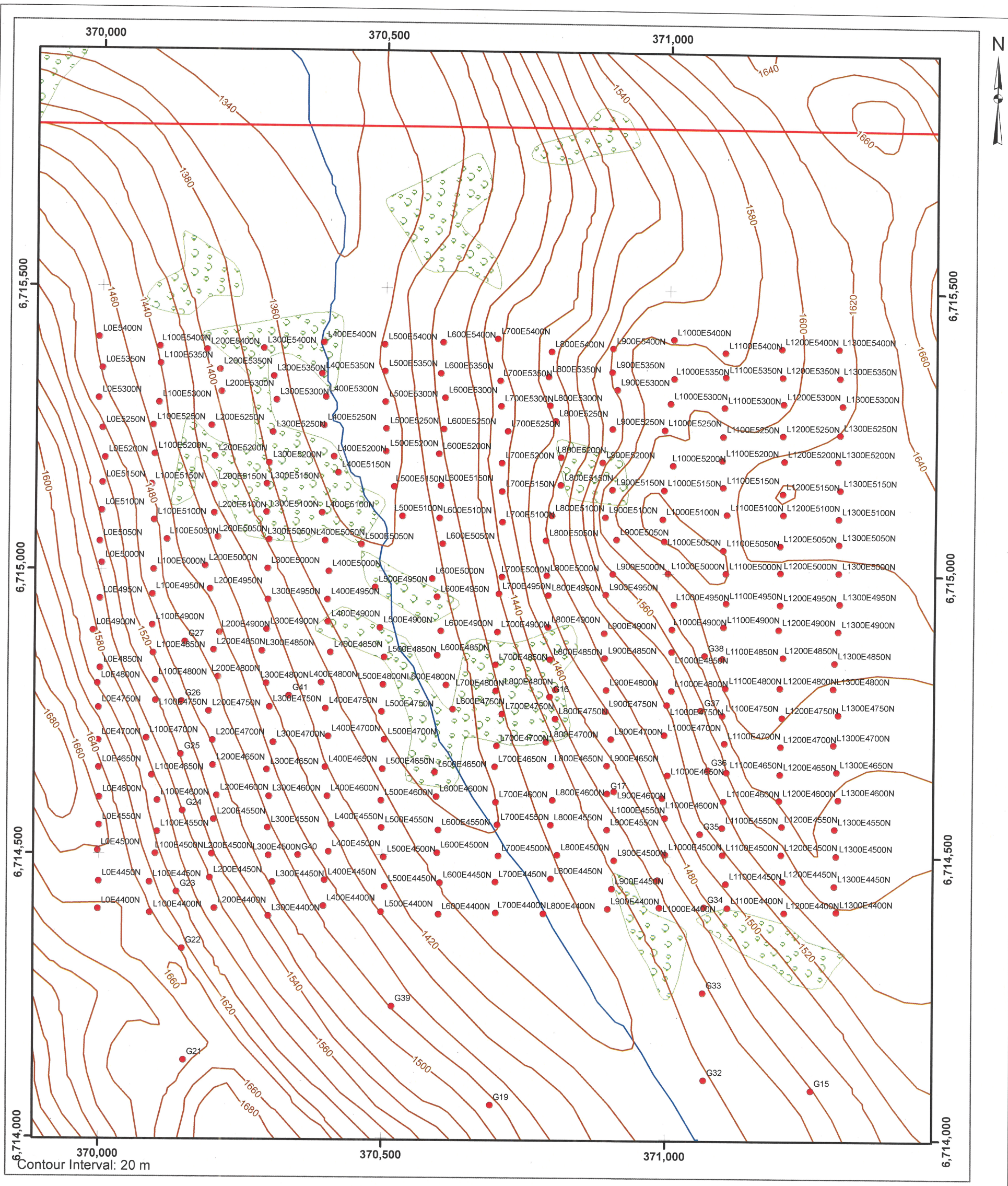
0 200 400 600 800 Metres

GROMMET PROPERTY
2013 Exploration Program
Figure 9. Soil sample locations - Property scale

AURORA GEOSCIENCES

PANARC RESOURCES

NTS: 105B 11 Mining District: Watson Lake
Datum: NAD83 Projection: UTM Zone 9N
Job: PRL-13538-YT Date: 03 Sep 2013



0 100 200 300 400 Metres

Legend

- Soil samples
- Property boundary

GROMMET PROPERTY
2013 Exploration Program
Figure 10. Soil sample locations - Grid detail

AURORA GEOSCIENCES

PANARC RESOURCES

NTS: 105B 11 Mining District: Watson Lake
Datum: NAD83 Projection: UTM Zone 9N
Job: PRL-13538-YT Date: 03 Sep 2013

370,000 370,500 371,000 371,500 372,000 372,500

N

6,715,500 6,715,000 6,714,500 6,714,000 6,713,500 6,713,000

Contour Interval: 20 m

0 200 400 600 800 Metres

Legend

Gold (ppb)

- <2
- 2 - 26
- 26 - 128
- 128 - 281
- 281 -331
- 331 - 1547
- Faults
- Abundant felsic dykes
- Large felsic dykes
- Granodiorite
- Greenstone
- Property boundary

GROMMET PROPERTY
2013 Exploration Program
Figure 11. Gold in soils - Property scale

AURORA GEOSCIENCES

PANARC RESOURCES

NTS: 105B 11 Mining District: Watson Lake
Datum: NAD83 Projection: UTM Zone 9N
Job: PRL-13538-YT Date: 03 Sep 2013

370,000 370,500 371,000

6,715,500 6,715,000 6,714,500 6,714,000

N

Contour Interval: 20 m

0 100 200 300 400 Metres

Legend

Gold (ppb)

- <2
- 2 - 26
- 26 - 128
- 128 - 281
- 281 -331
- 331 - 1547

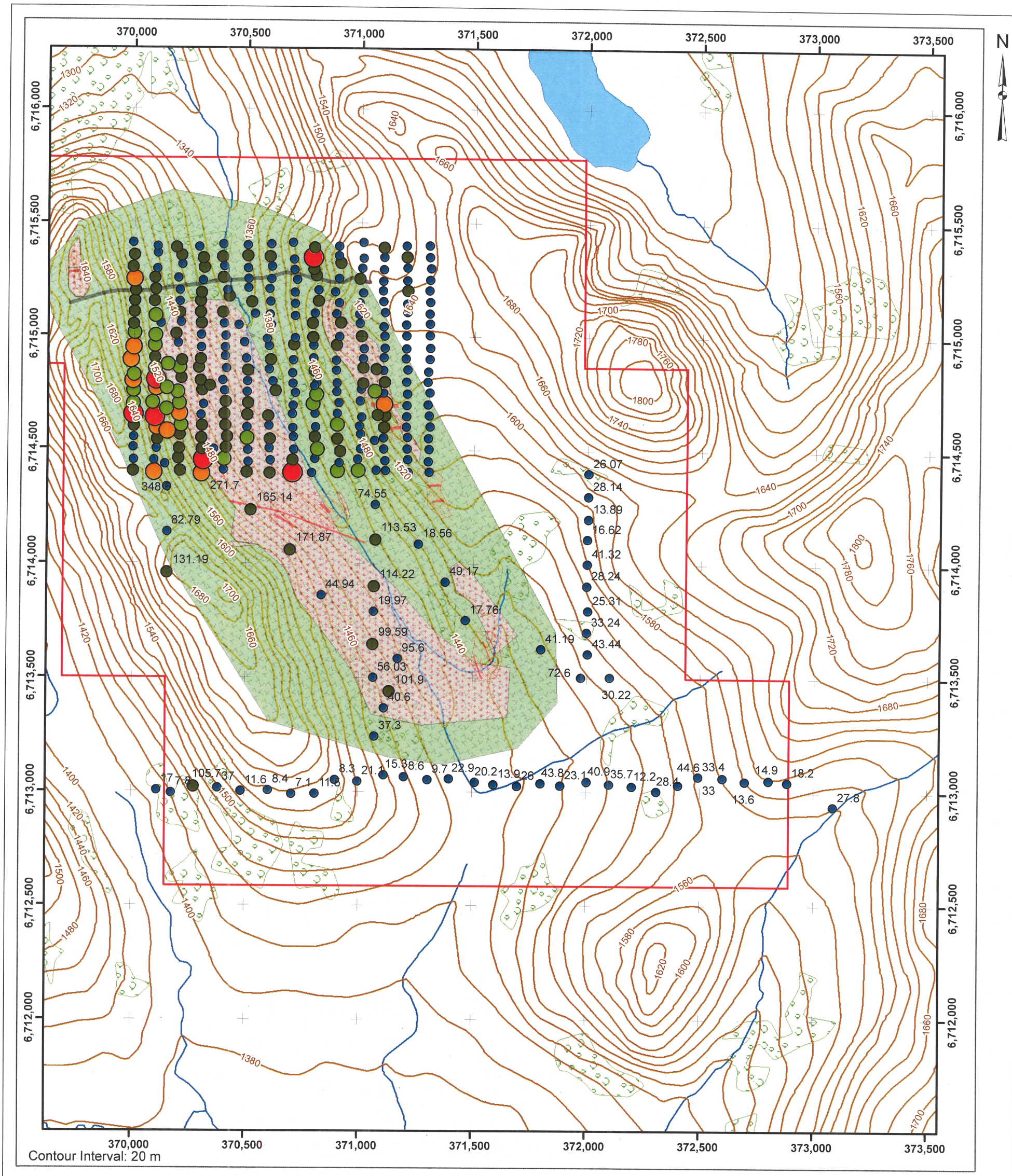
- Faults
- Abundant felsic dykes
- Large felsic dykes
- Granodiorite
- Greenstone
- Property boundary

GROMMET PROPERTY
2013 Exploration Program
Figure 12. Gold in soils - grid detail

AURORA GEOSCIENCES

PANARC RESOURCES

NTS: 105B 11 Mining District: Watson Lake
Datum: NAD83 Projection: UTM Zone 9N
Job: PRL-13538-YT Date: 03 Sep 2013



Legend

Copper (ppm)

- <4
- 4 - 96
- 96 - 183
- 183 - 270
- 270 - 357
- 357 - 687
- Faults
- Abundant felsic dykes
- Large felsic dykes
- Granodiorite
- Greenstone
- Property boundary

0 250 500 750 1,000 Metres

GROMMET PROPERTY
2013 Exploration Program
Figure 13. Copper in soils - Property scale

AURORA GEOSCIENCES

PANARC RESOURCES

NTS: 105B 11 Mining District: Watson Lake
Datum: NAD83 Projection: UTM Zone 9N
Job: PRL-13538-YT Date: 03 Sep 2013

370,000 370,500 371,000

6,715,500 6,715,000 6,714,500 6,714,000

N

Contour Interval: 20 m

0 100 200 300 400 Metres

Legend

Cu (ppm)

- <4
- 4 - 96
- 96 - 183
- 183 - 270
- 270 - 357
- 357 - 687

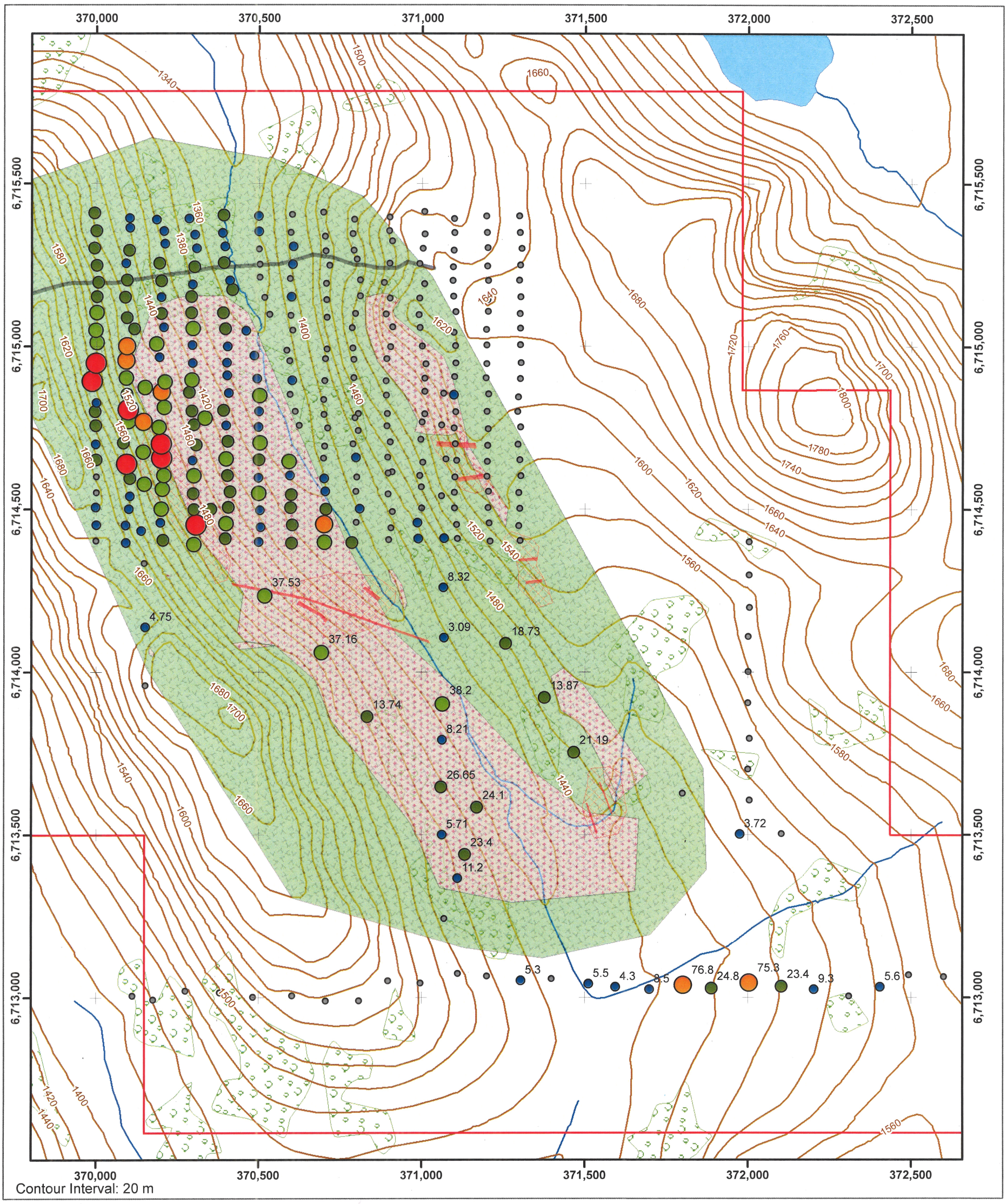
- Faults
- Abundant felsic dykes
- Large felsic dykes
- Granodiorite
- Greenstone
- Property boundary

GROMMET PROPERTY
2013 Exploration Program
Figure 14. Copper in soils - grid detail

AURORA GEOSCIENCES

PANARC RESOURCES

NTS: 105B 11 Mining District: Watson Lake
Datum: NAD83 Projection: UTM Zone 9N
Job: PRL-13538-YT Date: 03 Sep 2013



Legend

Mo (ppm)

- <3
- 3 - 13
- 13 - 35
- 35 - 58
- 58 - 80
- 80 - 179
- Faults
- Abundant felsic dykes
- Large felsic dykes
- Granodiorite
- Greenstone
- Property boundary

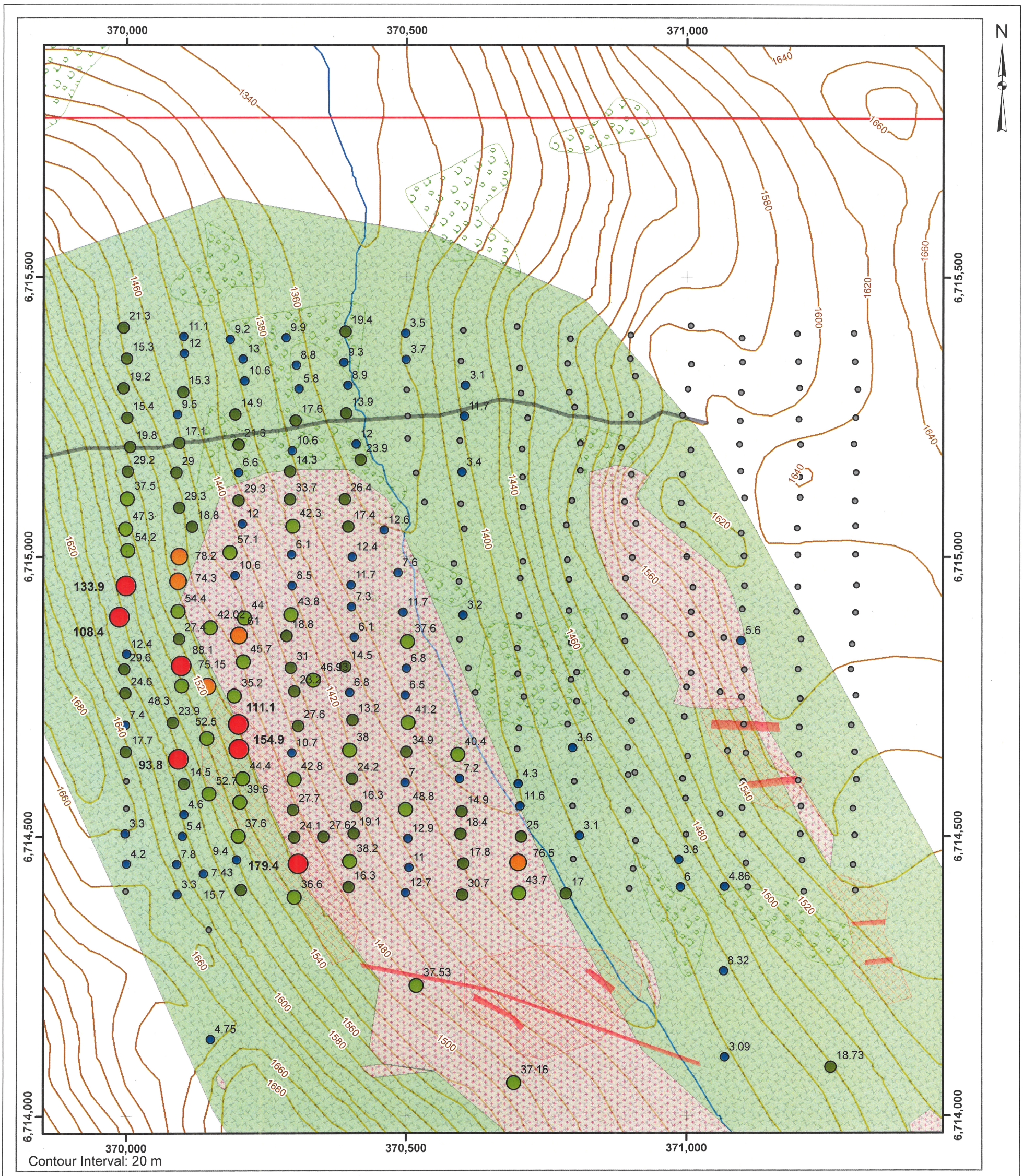
0 200 400 600 800 Metres

GROMMET PROPERTY
2013 Exploration Program
Figure 15. Molybdenum in soils - Property scale

AURORA GEOSCIENCES

PANARC RESOURCES

NTS: 105B 11 Mining District: Watson Lake
Datum: NAD83 Projection: UTM Zone 9N
Job: PRL-13538-YT Date: 03 Sep 2013



Legend

Mo (ppm)

- <3
- 3 - 13
- 13 - 35
- 35 - 58
- 58 - 80
- 80 - 179

- Faults
- Abundant felsic dykes
- Large felsic dykes
- Granodiorite
- Greenstone
- Property boundary

0 100 200 300 400 Metres

GROMMET PROPERTY
2013 Exploration Program
Figure 16. Molybdenum in soils - grid detail

AURORA GEOSCIENCES

PANARC RESOURCES

NTS: 105B 11 Mining District: Watson Lake
Datum: NAD83 Projection: UTM Zone 9N
Job: PRL-13538-YT Date: 03 Sep 2013

4. A 30 g subsample was split from the pulverized sample and assayed for gold, platinum and palladium using a fire assay technique. This involved fusion, *aqua regia* leach of the bead and induced coupled plasma mass spectroscopy (ICP-MS) analysis of the leachate for the three elements.
5. A 0.5 g sample was split from the pulverized subsample, leached in *aqua regia* at 95^0C and analyzed for 34 elements using induced couple plasma emission spectroscopy (ICP-ES).

9.2 Geochemical samples

Soil geochemical samples were collected from the B-horizon (where present) or from the deepest portion of the sample pit.

Rock samples were delivered to Acme Analytical Laboratories facility in Whitehorse, Yukon. At the laboratory, rock samples were prepared and analyzed using Acme codes SS-80 / IDX2. The procedures used were as follows:

1. Soil samples were dried at 60^0C
2. Dried samples were sieved at 60^0C to extract a 100 g sample passing 80 mesh.
3. A 15 g subsample was split from the sieved sample.
4. The subsample was leached in *aqua regia* at 95^0C
5. The leachate was analyzed using ICP-MS for 34 elements.

10 PROPERTY GEOLOGY & ECONOMIC MINERALIZATION

This section describes the geology on the Grommet Property based on the work conducted to date and on previous work by Holland (1982), Hulstein (1983) and Fortin (2012).

10.1 Rock units

The following rock units are present on the property:

Table 4. Property scale rock units

Rock Unit	Description
Quaternary sediments **Q**	Thin basal boulder till in valley bottoms, lateral moraine on the west side of Thrall Creek, talus and thin soil overlying. Not shown as a discrete unit in Figure 4.
Quartz Feldspar Porphyry **QFP**	Fine grained to locally porphyritic, leucocratic quartz and feldspar with minor mafic minerals, in dykes and stockworks.
Granodiorite **GD**	Tan to pink grey massive granodiorite.
Diorite **D**	Black to dark green massive unfoliated medium grained diorite.

Greenstone **GS**	Foliated, very fine grained to aphanitic, dark green-grey to black metavolcanics with local tuffaceous beds.

The rock units are described in more detail in decreasing order of apparent age in the subsections below.

10.1.1 Greenstone

Foliated metavolcanics and subordinate volcaniclastics underlie most of the property. The dominant metavolcanic rock is dark green-grey to black, aphanitic to very fine grained (<1 mm), and consists of a dark aphanitic groundmass of chloritized amphibole and biotite. Volcaniclastic units are several metres thick and contain light grey, thin (mm to cm scale) bands of quartz and plagioclase, alternating with darker groundmass throughout the rock. The greenstone contains a single strong foliation defined by biotite and chlorite. Foliation appears to be sub-parallel to bedding as defined by alternating tuff and metavolcanic units. The rock is locally calcareous and contains up to 10% pyrite in rusty weathering metre-scale beds. An east-west striking, steeply dipping fault in the northern portion of the property is expressed as highly foliated greenstone with metre-scale isoclinal folding. Examples of typical samples of the greenstone unit are shown in Figure 17.

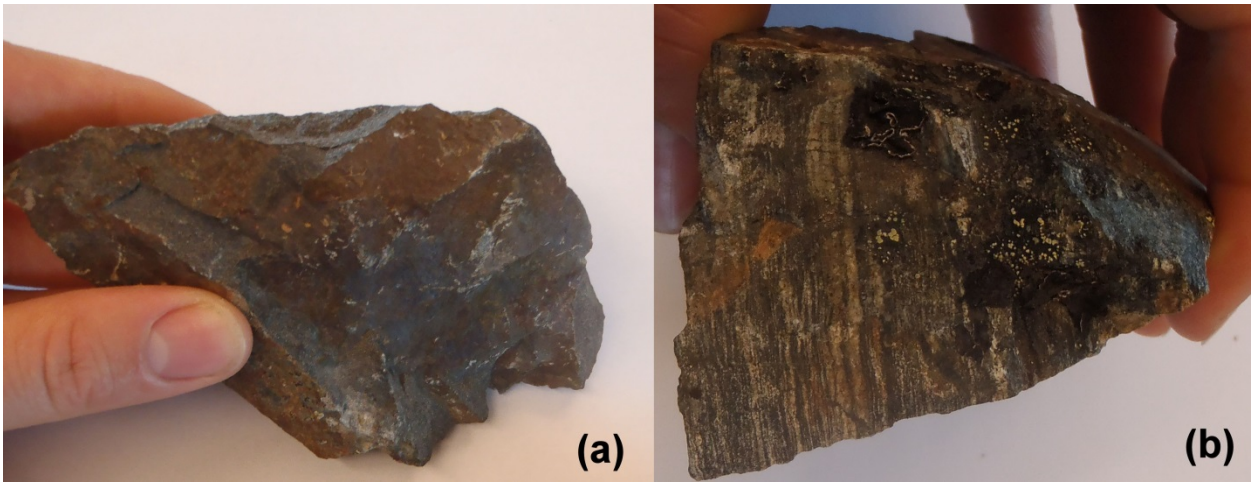


Figure 17. Greenstone rock unit samples. (a) Metavolcanic massive greenstone (b) Meta-volcaniclastic unit.

10.1.2 Diorite

Weakly-foliated massive diorite is found within the greenstone rock unit, dominantly as apparent sills, conformable with foliation and compositional layering in the greenstone rock unit. The diorite is black to dark green-grey and weathers to dark grey. It is medium grained (2-4 mm) with weak chloritic foliation. It consists of a dominant dark aphanitic ground mass of inferred plagioclase and amphibole (50%), medium grained subhedral grey plagioclase and locally up to 20% subhedral to anhedral quartz. Sulphides are present in association with later stage quartz veins and dykes. A sample of this rock unit is shown in Figure 18.

Figure 18. Diorite rock unit - sample

10.1.3 Granodiorite

Granodiorite is found on the west wall of the valley flanking Thrall Creek (Main Stock) and in a smaller subordinate outcrop on the ridge east of Thrall Creek (East Stock). They may be part of a single continuous intrusive stock. These stocks appear to be satellite intrusions associated with the Cassiar Batholith, east and west of the property.

The granodiorite rock unit is buff to pink-grey mottled black and weathers into equidimensional pale grey blocks. It is medium grained (2-4 mm) and unfoliated with alteration limited to sericite alteration of feldspar except in areas near quartz-feldspar porphyry dykes. The rock is composed of subhedral quartz (40%); euhedral, tabular feldspar phenocrysts (40%) up to 4 mm in size and subhedral biotite (15%) averaging 2 mm in grain size. Fine grained anhedral pyrite occurs locally in clusters with abundances of locally 1%. An example of this rock unit is shown in Figure 19.

Figure 19. Granodiorite rock unit - sample

10.1.4 Quartz-feldspar porphyry

The granodiorite and older greenstone / diorite rock units are cut by quartz feldspar porphyry (QFP) (Figure 4). This unit was first described by Holland (1982) as a "fine grained porphyritic felsite of granodiorite to quartz diorite composition. Anhedral to euhedral phenocrysts of plagioclase and quartz generally 1 to 5 millimetres in size comprise up to 25% of the rock." Holland further noted textural similarities to the granodiorite and the close association of this unit with molybdenum-bearing quartz veinlets.

The QFP shows a gradational relationship to the granodiorite with three units mapped by the crew in the field. Unit FD1 is creamy white and grey weathering to pale beige and rusty orange with local calcite crusts along fractures. It consists of quartz (70%) in white and smokey, subhedral to anhedral crystals. Some of these are cubic and appear to be silicification of pyrite box works. The crystals range in size from <1 to 4 mm with the larger ones often square in shape. The remainder of the rock consists of subhedral to anhedral feldspar (10%) in crystals to 2 mm and an aphanitic quartz-feldspar groundmass (20%). In unit FD1, feldspar crystal faces are clearly visible and catch the light – unlike other QFP subtypes. The rock locally contains up to 5% sulphides, dominantly pyrite, in which case the dyke material weathers a strong rusty red-brown. Contacts of this material with the surrounding granodiorite are diffuse over a range of a centimeter while equivalent contacts in the greenstones are usually very sharp. A sample of this material is showing in Figure 20.

Figure 20. Quartz feldspar porphyry – FD1 - sample.

Unit FD2, found further from the granodiorite along the dyke systems, is pale grey to grey-white and weathers tan to dusty orange-brown. It consists of an aphanitic inferred quartz-feldspar groundmass (80-90%) and quartz (10%) in rounded to square (?boxwork) crystals up to 4 mm with evident

conchoidal fracture. Small concentrations of magnetite and sulphides are present, forming less than 1% of the rock. An example of unit FD2 is shown in Figure 21 below.

Figure 21. Quartz feldspar porphyry – Unit FD2 - sample

Unit FD3 is the final end member of the QFP sequence. It is creamy to tan, weathering pale brown to rusty red, and very fine grained (< 1mm). It is composed primarily of a ground mass of opaque to minor glassy quartz and feldspar (90-95%) with sparse slightly coarser subhedral to anhedral feldspar phenocrysts or crystals (~5%). The rock is rusty weathering along fractures and contains about 1% disseminated sulphides. It locally includes breccia composed of adjacent host rock fragments. It is very similar in appearance to quartz vein material except for the presence of rare feldspar phenocrysts.

The QFP occurs in cross-cutting veins or dykes on scales from a few centimetres to a few metres wide. Quartz-molybdenite-chalcopyrite veins are spatially associated with the QFP unit and locally cut the dykes. The largest dykes are up to 3 m wide and have been traced for hundreds of metres; these are show as discrete bodies in Figure 4. Far more abundant and significant in terms of total volume are zones of parallel to cross cutting vein / dyke stock works which cover large areas adjacent to and within the granodiorite stocks. These are indicated as areas of abundant dykes in Figure 4.

10.2 Structure

The greenstone rock unit contains a dominant single foliation (S_1), roughly sub-parallel with inferred bedding. Figure 23 is a stereoplot of poles to S_1. (n=13). On the whole, the dominant foliation strikes NW, sub-parallel to a regional thrust fault, and dips steeply SW. There is considerable scatter, suggesting broad folding about a west-striking, steeply plunging fold axis.

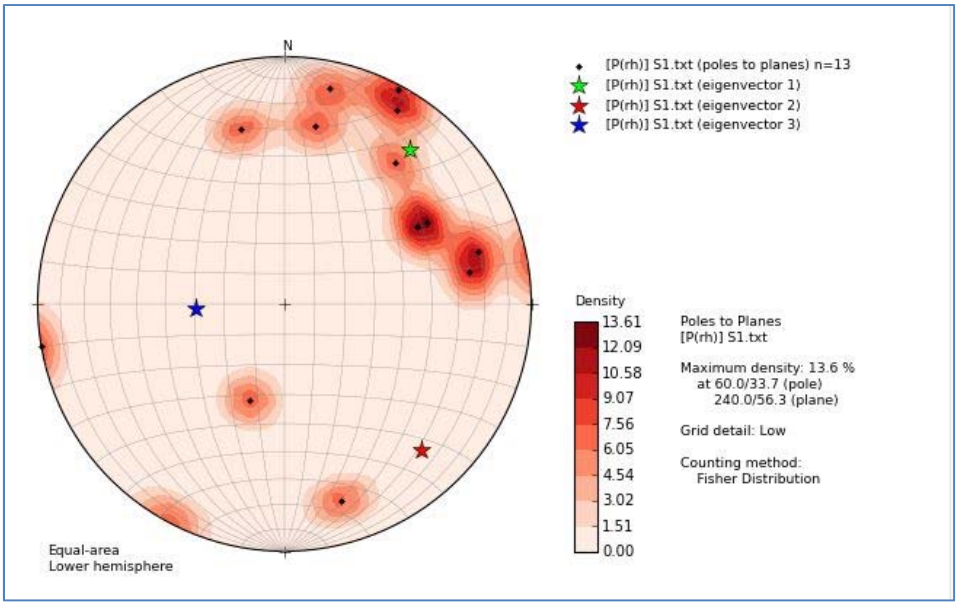


Figure 22. Steronet of poles to S1 foliation.

An east-west trending, steeply-dipping fault cuts the greenstone rock unit north of the contact with the main granodiorite stock or sill. In the vicinity of this fault, kink-banding and isoclinal folding occur in the greenstone rock unit. Secondary sulphide mineralization and manganese staining appears to be locally more intense in this area.

10.3 Mineralization

This section describes the economic mineralization on the property delineated by work conducted to date.

10.3.1 Geology

Gold, copper and molybdenum mineralization has been found in rock samples on the property. Rock sample locations and results for Au, Cu and Mo are plotted in Figures 5 to 8. Table 5 is a summary of statistics for all rock sample analyses from 2012 and 2013 (mean, median, standard deviation) and the results of Principal Component Analysis (PCA) conducted on this data set with XLSTAT™. Only the first ten factors (F1 – F10) are shown. The contribution of each element to the PCA factor as a fraction of 1.0 (100% of contribution) is shown. Factors F1, F2, F6 and F8 are highlighted. F1 and F2 dominated by copper and gold while factors F6 and F8 are dominated by molybdenum. Other elements making significant contributions to each factor and clearly associated with the primary economic element are highlighted in lighter colors than the principal element for each factor.

Table 5. Summary statistics for analyses of all rock samples (2012-2013).

	Mean	*Median*	*SD*	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
Au_ppb	38.2	1.5	278.4	-0.164	**0.919**	0.070	0.288	-0.076	-0.064	-0.025	-0.004	0.119	0.043
Mo	53.5	5.8	132.7	-0.003	-0.030	-0.113	0.025	-0.125	**0.459**	-0.386	**0.624**	-0.031	0.384
Cu	254.0	91.0	637.0	**0.408**	0.309	-0.248	-0.529	0.147	0.003	0.203	0.053	-0.390	0.066
Pb	102.0	5.0	932.2	-0.146	0.908	0.114	0.296	-0.080	-0.076	-0.017	0.002	0.115	0.038
Zn	37.6	30.0	40.0	0.350	0.747	0.330	-0.073	0.024	-0.049	-0.075	0.061	-0.106	-0.078
Ag	0.7	0.2	2.9	-0.126	0.944	0.062	0.181	-0.042	-0.040	0.031	0.011	0.015	0.034
Ni	15.2	8.8	18.9	0.516	0.118	-0.157	-0.450	0.062	-0.131	0.030	-0.013	0.157	0.395
Co	15.7	14.0	17.3	0.702	0.242	-0.322	-0.440	-0.002	-0.001	0.137	-0.100	-0.035	0.127
Mn	416.3	347.0	437.4	0.406	0.009	0.246	0.113	0.822	0.136	-0.083	0.086	0.080	-0.136
Fe	3.305	3.280	2.083	0.732	0.376	-0.125	-0.172	-0.021	0.263	0.126	-0.097	0.109	-0.233
As	118.6	1.5	947.3	-0.171	0.899	0.080	0.300	-0.077	-0.085	-0.029	-0.009	0.127	0.035
Th	4.9	1.5	5.8	-0.551	0.000	0.611	-0.172	0.051	0.092	0.256	-0.038	-0.226	0.038
Sr	44.0	24.0	45.4	0.618	-0.162	0.191	0.490	0.157	0.046	0.231	-0.057	-0.111	0.319
Cd	0.6	0.3	1.1	0.021	0.766	0.027	-0.167	0.222	-0.078	0.116	0.196	-0.277	-0.052
Sb	2.2	1.5	5.0	-0.183	0.611	-0.135	0.089	0.054	0.045	-0.093	-0.003	-0.064	0.099
Bi	15.9	1.5	76.8	0.190	0.092	0.207	-0.115	-0.028	0.578	-0.492	-0.156	-0.178	-0.098
V	60.5	54.0	51.9	0.838	-0.010	0.111	0.002	-0.144	-0.034	-0.242	0.071	0.075	-0.212
Ca_pct	1.541	1.080	2.223	0.437	-0.091	0.088	0.408	0.731	0.120	0.055	0.021	0.034	0.010
P_pct	0.049	0.045	0.042	0.391	-0.058	0.575	-0.254	-0.167	-0.188	0.176	0.318	0.131	-0.158
La	7.3	2.0	9.4	-0.315	-0.060	0.738	-0.212	0.073	0.089	0.321	0.060	-0.140	0.112
Cr	19.4	11.0	23.8	0.601	0.101	-0.094	-0.423	0.081	-0.196	-0.068	-0.099	0.251	0.237
Mg_pct	0.749	0.650	0.645	0.844	0.015	0.129	0.018	0.116	-0.134	-0.134	-0.013	0.181	-0.025
Ba	63	43	74	-0.035	-0.044	0.797	-0.262	-0.084	-0.036	0.023	-0.067	0.205	0.138
Ti_pct	0.095	0.082	0.088	0.619	-0.008	0.207	-0.203	-0.219	-0.261	-0.135	0.272	-0.133	-0.181
B	10	10	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Al_pct	2.020	1.330	1.803	0.783	-0.126	0.058	0.463	-0.209	-0.031	0.133	-0.092	-0.130	0.096
Na_pct	0.154	0.080	0.162	0.644	-0.179	0.038	0.532	-0.302	-0.034	0.124	-0.099	-0.213	0.160
K_pct	0.129	0.100	0.125	0.079	0.052	0.672	-0.177	-0.112	0.240	-0.326	-0.353	0.054	0.147
W	11.5	1.5	24.9	0.054	-0.059	-0.032	0.098	-0.166	0.530	0.538	0.220	0.396	-0.053
S_pct	0.863	0.510	1.248	0.296	0.441	-0.268	-0.264	-0.170	0.526	0.263	-0.187	-0.032	-0.095
Ga	6.0	5.0	3.9	0.754	-0.129	0.225	0.344	-0.289	0.042	0.026	0.059	-0.139	-0.098

Three styles of mineralization have been identified on the property to date. The original work on the property, summarized by Hulstein (1983), located porphyry-style molybdenum and lesser copper mineralization associated the QFP unit, peripheral to and within the granodiorite stocks. Additional work by Panarc Resources and Manson Creek has located veins and stockworks of heavily disseminated to massive sulphides in the greenstone rock unit. These are discussed in turn.

Porphyry-style molybdenum-copper

This style of mineralization consists for molybdenite (± pyrite - chalcopyrite) bearing quartz veins and veinlets located within and peripheral to the QFP dykes and veins. The veins are steeply dipping and commonly thin, varying from sub-millimetre to 5 cm in width with orientations controlled by fractures. They occur in swarms with variable densities. Figure 25 is a stereonet of a limited (n=5) sample of in-place mineralized vein orientations. It suggests that the mineralization is controlled by orthogonal, steeply-dipping, north-south and east-west trending fracture sets. This set of orientations, albeit drawn from a very limited dataset, are consistent with mineralization along a fracture set developed in response to domal uplift and extension of cover rocks. The mineralization found to date is primarily in boulder fields and rubble. No systematic sampling has been done to identify areas with economic mineralization over known widths.

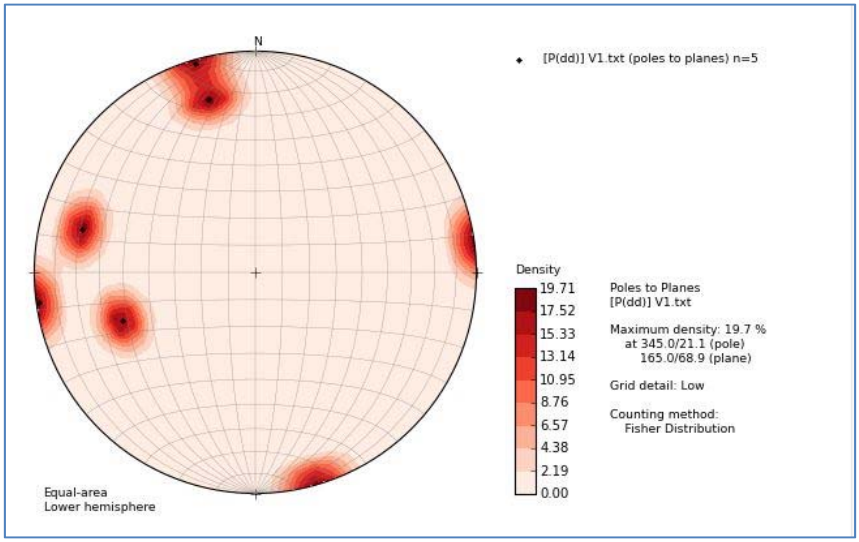


Figure 23. Stereonet of poles to mineralized molybdenum-bearing veins.

The mineralization found in the veins consists of very fine grained silvery-blue molybdenite with accessory secondary ferrimolybdite and possibly powellite crusts, creating a distinctive yellow to yellow-green alteration colour. Pyrite is also associated with the molybdenite veins and limonite / goethite is reported with some vein material. An example of the vein mineralization is shown in Figure 24. The mineralized quartz veins associated with the QFP unit have returned molybdenum assays to 733 ppm Mo with up to 948 ppm associated copper. Sulphide content ranges from 1% to 10%, dominantly pyrite, in clots and disseminations.

Figure 24. Molybdenite – pyrite bearing quartz vein

Sulphide veins in greenstone / diorite rock units

Pyrite-chalcopyrite (-malachite-galena) bearing sulphide veins and zones of heavily disseminated veins are found in the greenstone and diorite rock units. The veins are typically a few centimetres wide and occur both individually and in swarms affecting large areas. Near the veins, dark purple manganese, orange-red-brown limonite and local yellow-green sulphide wad are found in wall rocks (Figure 25).

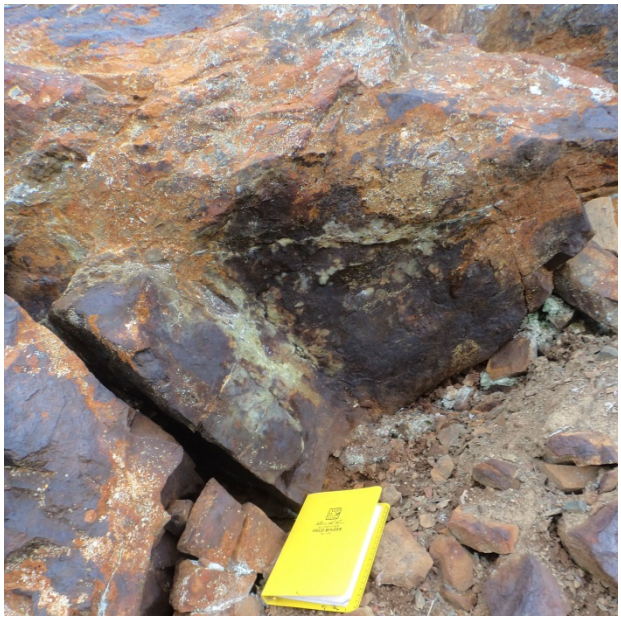


Figure 25. Sulphide veinets in greenstone rock unit with alteration

The highest gold value from bedrock sampling (2.04 g/t Au / sample K948567) appears to have been returned from sulphide vein material, albeit from a site in the granodiorite. Very high lead and arsenic (>10,000 ppm) were associated with this assay. Copper values from sulphide veins range up to 4,854 ppm. Sulphide content in the veins ranges from 10% to 40% and is well connected (semi-massive) in larger concentrations.

The PCA factors summarized in Table 5 indicate that the factor associated with gold mineralization (F2) has a polymetallic vein signature with strong correlation with Pb, Zn, Ag, As and Sb. There is a weaker association with copper and none with molybdenum. The PCA factor with the largest copper contribution (F1) is dominated by Mg, Ni, Co and Mn. This suggests a Beshi-style copper sulphide signature, given the association with greenstones. It is possible that the copper sulphide mineralization has been remobilized during the intrusion of the granodiorite rock unit. The molybdenum mineralization is expressed in factors F6 (with Bi, S, Fe and K) and in F8 (with P, Ti and W). The former has a porphyry signature while the latter is enigmatic.

10.3.2 Geochemical surveys

Soil geochemical survey results for Au, Cu and Mo are plotted in Figures 9 through 16. Table 6 contains a summary of statistics for all elements and the Pearson Correlation Coefficients for gold, molybdenum and copper. The data set for this summary is all of the samples collected during 2012 and 2013.

Table 6. Soil geochemical data – Statistical summary

	Units	Mean	Median	Standard dev	Au	Mo	Cu
Au	ppb	26.2	6.0	101.7	**1**	0.031	0.173
Mo	ppm	12.9	2.6	22.5	0.031	**1**	**0.593**
Cu	ppm	95.7	71.3	87.1	0.173	0.593	**1**
Pb	ppm	36.2	16.8	87.5	**0.503**	0.008	0.125
Zn	ppm	78.6	63.0	64.2	0.273	0.074	0.190
Ag	ppb	48.9	0.3	248.2	0.131	0.051	0.134
Ni	ppm	28.8	25.0	15.9	0.180	0.103	0.254
Co	ppm	20.4	16.4	13.1	0.282	0.425	**0.667**
Mn	ppm	828	657	607	0.225	0.418	0.505
Fe	pct	3.93	3.49	1.92	0.192	0.459	**0.762**
As	ppm	84.4	31.7	197.2	0.278	0.252	0.308
Th	ppm	3.1	2.7	2.0	-0.066	-0.021	-0.075
Sr	ppm	40.1	30.6	51.9	0.049	-0.009	0.139
Cd	ppm	0.48	0.30	0.75	0.306	0.058	0.140
Sb	ppm	1.28	0.90	1.29	0.192	0.544	0.511
Bi	ppm	6.74	1.50	14.77	0.012	0.786	**0.614**
V	ppm	75.7	72.0	23.6	0.146	0.107	0.258
Ca	pct	0.71	0.62	0.47	0.051	0.256	0.392
P	pct	0.072	0.067	0.031	0.003	0.109	0.322
La	ppm	15.3	13.0	8.2	-0.051	0.038	0.045

	Units	Mean	Median	Standard dev	Au	Mo	Cu
Cr	ppm	56.2	46.5	40.7	0.084	-0.045	0.017
Mg	pct	0.956	0.860	0.419	0.184	0.266	0.383
Ba	ppm	123.6	108.0	70.7	0.051	-0.072	0.015
Ti	pct	0.056	0.055	0.035	-0.099	-0.308	-0.346
B	ppm	1.4	1.0	0.9	0.055	0.257	0.314
Al	pct	2.4	2.3	0.7	0.109	0.279	0.386
Na	pct	0.013	0.013	0.006	-0.005	0.134	0.193
K	pct	0.10	0.08	0.05	-0.028	0.026	0.054
W	ppm	4.7	1.2	8.9	-0.003	0.421	0.581
Hg	ppm	4	0	14	0.001	0.011	0.049
Sc	ppm	7.5	6.5	3.9	0.206	0.531	0.628
Tl	ppm	0.13	0.10	0.08	0.017	0.392	0.339
S	pct	0.10	0.09	0.09	0.033	0.190	0.548
Te	ppm	0.15	0.10	0.14	0.164	0.435	**0.767**
Ga	ppm	6.5	6.6	1.5	0.091	0.246	0.287
Se	ppm	0.7	0.4	1.3	0.018	0.236	**0.606**

The correlation coefficients suggest that gold response in soil has a strong association with Zn, Co, As and Cd. There are weaker associations with Cu and Ag. Copper and molybdenum are closely related together with Fe, Te, W and Bi. The latter two elements are characteristic of Cretaceous Tombstone Suite intrusions but interestingly, there is no strong correlation between these elements and gold in the soil response. There is a difference in the copper response between the soil and rock sample results. Copper in rocks appears to have a stronger association with gold and is nearly independent of molybdenum while the soil response shows a strong correlation between copper and molybdenum. This appears to be the result of sampling bias; most of the copper bearing rock samples were from sulphidized metavolcanic rocks and comparatively few specimens of porphyry molybdenum-copper mineralization were collected because of poorer exposure.

A large molybdenum-in-soil anomaly spans the length of the property (Figure 15). The response is strongest and best focused on the western flank of the granodiorite Main Stock. Anomalous molybdenum responses (35 – 80 ppm) along a profile line south of the grid suggest the molybdenum in soil anomaly may extend beyond the limits of the Main Stock. This agrees with Hulstein (1983) who stated that the soil anomaly was 3,600 m long, centred on the Main Stock. It is interesting that the molybdenum-in-soil anomaly is abruptly cut off on the east flank of the Main Stock while copper and gold anomalies extend beyond to cover the East Stock.

Anomalous copper-in-soil response (Figure 13) is more widespread than the molybdenum response, covering both the Main Stock and the East Stock. There is no apparent extension of this anomaly to the south indicated in the soil profile line.

The anomalous gold-in-soil response (Figure 11) is centred on the East Stock where a northwest trending 900 m by 200 m soil anomaly is defined by gold greater than 26 ppb, with a peak response of 676 ppb Au. A weaker, more diffuse gold-in-soil response is coincident with the copper-in-soil anomaly on the west flank of the Main Stock, although a single soil sample at the north end of this anomaly returned 1,592 ppb Au. Rock samples with gold in excess of 500 ppb have been collected over a wider area than the gold-in-soil anomaly and the area covered by grid soil sampling (Figure 6).

11 INTERPRETATION AND CONCLUSIONS

The results of prospecting, geological mapping and soil geochemical surveys conducted on the Grommet Property to date indicate that the property is underlain by a partially exposed porphyry system, associated with a Cretaceous granodiorite stock. Molybdenum, copper and gold mineralization occurs in veins and QFP dykes associated with the granodiorite intrusion. Copper-gold mineralization is also found in remobilized, vein-hosted sulphide mineralization hosted by a roof pendant of metavolcanic rocks and related intrusive rocks.

Soil geochemical surveys and prospecting have defined three overlapping zones of molybdenum, copper and gold response which are broadly coincident but show some differences in size and style. The molybdenum mineralization appears to be widespread based on the soil response and prospecting results. It is most clearly focused in the soil response on the northwest flank of the Main Stock but likely extends south of the Main Stock based on soil responses. Copper mineralization appears to be associated with the molybdenum mineralization. The strongest and best focused copper-in-soil response occurs on the west flank of the Main Stock while the best copper-bearing rock samples were collected on the east side of the Main Stock. Elevated copper soil response is also found over the East Stock, coincident with the gold-in-soil response. Gold mineralization indicated by the gold-in-soil response appears to be focused on the East Stock where a 900 m by 200 m anomaly is centred on the stock. A less well defined and lower amplitude gold-in-soil anomaly is coincident with the copper and molybdenum-in-soil anomalies on the west flank of the Main Stock. Gold is also found in bedrock samples over a much wider area than that indicated by the geochemical anomalies defined thus far. The best sample collected to date (2.04 g/t Au) was returned from the southern end of the Main Stock. No rock sample collected to date over the East Stock has returned an analysis equal in amplitude to the peak soil response in the area.

It is likely that the mineralization found on the property relates to the same single mineralizing event associated with the emplacement of the QFP dikes. The steeply-dipping orthogonal molybdenite-bearing veins likely formed in a domal extensional environment during and immediately following the emplacement of the QFP unit. Sulphide mineralization in the overlying metavolcanic rocks and related intrusive rocks consists of veins within fractures. The tenor of sulphide mineralization increases near a property-scale vertical fault, suggesting it acted as a plumbing system for this style of mineralization. No indications of primary, bedded sulphide mineralization have been found to date. If the mineralization is related to a single event, the differences in the pattern and mineralogy of the gold,

copper and molybdenum mineralization may be due to differences in timing, reactions with country rock, mineralizing fluid conduits or means of transport.

Work to date indicates that the property could host economic molybdenum-copper-gold mineralization of a size and tenor which justifies additional work. The anomalous molybdenum, copper and gold-in-soil responses on the west flank of the Main Stock are not closed off by the current soil grid and additional lines to the west are necessary. Given the association of molybdenum, copper and gold as a general feature, and the widespread molybdenum-in-soil anomaly which extends south of the soil grid, it would be advisable to extend the soil grid south of the Main Stock to seek additional copper-gold soil anomalies.

The strong coincident molybdenum-copper and weaker gold soil anomalies on the northwest flank of the Main Stock merit detailed investigation. In addition, the strong, focused gold-in-soil anomaly centred on the East Stock merits future work. Given the clear association of disseminated to semi-massive vein hosted sulphides with economic mineralization, induced polarization surveys might identify prospective bedrock targets. Given the overburden coverage in the areas of the anomalies, trenching and / or shallow drilling will be necessary to conclusively identify and test bedrock sources.

12 RECOMMENDATIONS

The conclusions of this report support the following recommendations:

1. Soil geochemical survey coverage should be expanded on the west side of the existing grid and to the south of the existing grid beyond the mapped limits of the Main Stock. The existing line and station spacing (100 m / 50 m) should be used.

2. Detailed mapping, prospecting and sampling should be conducted over the geochemical anomaly on the west flank of the Main Stock and the anomaly centred on the East Stock.

3. Induced polarization and resistivity (IP) surveys on lines spaced no more than 100 m apart and using a 25 m dipole spacing, read to the 10^{th} separation, should be conducted over the coincident molybdenum-copper-gold soil anomalies on the west flank of the Main Stock and over the gold-in-soil anomaly centred on the East Stock. The grid on the west flank of the Main Stock would need to cover an area of at least 1100 m (NW-SE) by 600 m (SW-NE). The grid centred on the East Stock would need to cover an area of 900 m (NW-SE) by 200 m (SW-NE). Approximately 24 line-km of grid establishment / line cutting and IP surveys would be required.

4. Trenching and / or shallow diamond drilling along fences should be conducted over areas of coincident chargeability highs and anomalous molybdenum, copper and / or gold responses to test for bedrocks sources for these anomalies.

Respectfully submitted,
AURORA GEOSCIENCES LTD.

Mike Power, M.Sc., P.Geo.
Geologist

13 REFERENCES

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APPENDIX I. STATEMENT OF QUALIFICATIONS

I, Michael Allan Power, M.Sc. P.Geo., P.Geoph., CPG, with business and residence addresses in Whitehorse, Yukon Territory do hereby certify that:

1. I am a graduate of the University of Alberta with a B.Sc. (Honours) degree in Geology obtained in 1986 and a M.Sc. in Geophysics obtained in 1988.

2. I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia (registration number 21131) and a Professional Geophysicist registered by the Northwest Territories Association of Professional Engineers, Geologists and Geophysicists (licensee L942). I am also registered as a Professional Geologist with the American Association of Professional Geologists (registration number 11183).

3. I have been employed in mineral exploration as a geophysicist and geologist since 1988, primarily on projects in the Yukon Territory, Northwest Territories, Nunavut, Alaska and British Columbia.

4. I supervised the work described in this report and wrote this report.

5. I am a shareholder, director and officer of Panarc Resources Ltd., the owner of the Grommet Property described in this report.

Dated this 30th day of September, 2013 in Whitehorse, Yukon.

Respectfully submitted,

Michael A. Power M.Sc. P. Geo.

APPENDIX II. PROJECT LOG

AURORA GEOSCIENCES

Job PRL-13538-YT Grommet Exploration

PROJECT LOG

Mon 22 Jul 2013	Truck and driver (Mike Walsh) left at 0800 hrs for Pine Lake. Helicopter (Capital R44) left Whitehorse later during the day. The camp was moved in with two sling loads from Pine Lake airstrip. Kel and Cat started setting up camp, Mike prospected and staked additional claims, returning with the helicopter.
Tue 23 Jul 2013	Finished camp setup, Kel started soil sampling on the grid; L0E4750N to L0E5400N. Cat started soil sampling L100E4400N to L100E5000N. Weather: Clear and cold in morning, sunny and breezy in aft, quick evening showers.
Wed 24 Jul 2013	Kel finished L0E from 4700N to 4400N, started L300E from 4400N to 4650N; 13 samples. Pyritic talus noted in several locations. Cat finished L100E from 5050N to 5400N, and completed L200E from 5400N to 4400N, 29 samples. Large blond grizzly with cub spotted climbing hill NE of camp. Weather: Clear and cold in morning, breezy and warm in afternoon. Evening rain showers.
Thu 25 Jul 2013	Kel packed the camp garbage to treeline to burn, then soil sampled L500E from 5400N to 4700N, around the beaver pond, 14 samples, 1 ns. Cat finished L300N from 4700N to 5400N, and L400N from 5400N to 4700N, 30 samples. One caribou in the evening around the beaver pond. Weather: Partly cloudy, rain showers in afternoon and evening.
Fri 26 Jul 2013	Kel soil sampled L1300N from 5400N to 4400N, 21 samples. No bear up there on the plateau. Cat finished L400E from 4650N to 4400N, and L500E from 4400N to 4650N, 12 samples. Started L700E from 4700N to 5400N; 1ns, 14 samples. Weather: Multiple rain squalls from south and north all day.
Sat 27 Jul 2013	Kel soil sampled lines through the swamps and creek, L600E and part of L700E. Cat soil sampled on the steep brush slopes, L800E and part of L900E. Weather: Sunny, windy, showers later
Sun 28 Jul 2013	Cat and Kel covered the major lithologies close to camp. Derek Torgerson arrived in Capital Helicopter 206 around noon for a YTG tour. The copter was not required for another job, so we toured the property and checked physiologically anomalous areas. Kel took a stream sample from the extreme SE corner of the property from a talus seep, and rock specimens of intrusive contacts. Cat was dropped off at the NE ridge to traverse back to camp - she found quartz veins and pyritized host rocks. Derek

	took 4 bags of soil samples and miscellaneous camp gear back to Whitehorse. Weather: Clear and sunny.
Mon 29 Jul 2013	Kel soil sampled L1200E. Cat soil sampled L900E and part of 1000E. Weather: Hot, clear, and sunny.
Tue 30 Jul 2013	Kel soil sampled part of L1100E, and prospected the swale where anomalous Au soils were taken last year. Microveins and pyrite in meta-volcanics and quartz diorite, little true alteration. Cat finished soil sampling L1000E and L1100E. Weather: Hot clear sunny, with late afternoon thundershowers.
Wed 31 Jul 2013	Kel and Cat mapped/prospected felsenmeer, talus, and outcrops from the creek to the west, in the vicinity of the Main and NW showings. Some discrepancy in locations of same. Cat brought back snow for the coolers, Kel burned garbage. Weather: Hot, ,muggy, thunderstorms in evening.
Thu 01 Aug 2013	Kel checked out the SE showing area and location of 2012 high Au sample. Discrepancy in sample locations but was resolved when referred back to the original field notes. Cat continued mapping and prospecting midslope along the ridge west of Thrall Creek. Weather: Cloudy, muggy, rain showers, thunderstorms in evening, short but violent wind storm.
Fri 02 Aug 2013	Cat detailed mapped the outcrops in the creek just below the Main Showing. Kel prospected the Main Showing and further south - no felsic intrusive to the south in float, only metavolcanics and diorite. Kel burned garbage by the old Getty camp in evening. Weather: Rain most of the night, cloudy in the morning, clear and hot in the afternoon.
Sat 03 Aug 2013	Kel and Cat to the SE showing area, Cat to detail map, Kel to prospect from there north. Additional sulphide mineralization found between the main creek, Main Showing area, and the SE showing area. Weather: Hot, clear, sunny.
Sun 04 Aug 2013	Kel mapped/prospected the ridge west of Thrall Creek, checked last year's sample locations, burnt garbage, and hauled snow back for the coolers. Cat mapped/prospected the cliffs east of Thrall Creek; complex intercalation of diorites, metasediments, and various felsic intrusions. Weather: Cool cloudy and windy.
Mon 05 Aug 2013	Kel and Cat went to G23 claim posts; Kel ran line east, soil sampled on 100m, and stood up claim posts. Cat did the same to the west. Weather: Cloudy, muggy.
Tue 06 Aug 2013	Kel finish soil sampling L999N, and prospect SW corner of the property. Granodiorite and quartz feldspar porphyry in talus with diorite and metasediments, many seeps from under talus fields; stream sediment samples taken. Cat checked outcrops close to camp and drafted a working

	geology map. Weather: Clear and sunny in morning, thunderstorms in afternoon and evening.
Wed 07 Aug 2013	Cat to finish mapping cliffs NE of camp, Kel to track source of mineralized float found yesterday. Kel attacked by a grizzly sow with 2 cubs, sustaining deep cuts on her left forearm, upper arm and lip. The program was shut down program and demobed via Capital Helicoper R44 to Whitehorse. On site investigation by Conservation Officer Ryan Hennings. Kel taken to hospital; got out at 0300 hrs on 08 Aug. Weather: Rain all night, cloudy and very windy all day.

APPENDIX III. STATEMENT OF EXPENDITURES

Preparation, mobe, demobe		
Crew & equipment preparation	$350.00	
Mobe: Truck: 625 km @ $0.61	$381.25	
Mobe: Driver: 1 day @ $275	$275.00	
Mobe: Driver: Allowance	$100.00	
Demobe: Truck: 625 km @ $0.61	$381.25	
Demobe: Driver: 1 day @ $275	$275.00	
Demobe: Driver: Allowance	$100.00	
Total - prep, mobe, demobe	*$1,862.50*	$1,862.50
Exploration program		
Staking: M. Power: 1 day @ $400	$400.00	
Field work: 17 days @ $1,110	$18,870.00	
Assays:	$10,197.00	
Helicopter:	$9,537.00	
Total - Field program	*$39,004.00*	$39,004.00
Report		
Report preparation & drafting	$3,600.00	
Total - report	*$3,600.00*	$3,600.00
Total expenditures		***$44,466.50***

Daily charges for the geological crew are as follows:

Crew chief: K. Sax	$500.00
Junior geologist: C. Spencer	$400.00
Camp, groceries & supplies	$200.00
Generator	$10.00
Total daily crew rate	$1,110.00

I certify that this statement of expenditures is complete and true to the best of my knowledge.

Michael A. Power, M.Sc., P.Geo.

APPENDIX IV. GEOLOGICAL DATA

GROMMET 2013- Geological data

Declination used: 22E

All planar data entered using the right hand

Location (NAD83 Zone 9N)				Recording info		Unit						Veins	
							S1		S2			V1	
Station	UTME	UTMN	Z	Mapper	Date		S	D	S	D		S	D
581251	370516	6715289		CS	28-Jul-13	Greenstone							
581252	373113	6712931		CS	28-Jul-13	Greenstone							
581253	373090	6712868		CS	28-Jul-13	Fine Grained Mafic							
581254	369737	6715283		CS	28-Jul-13	Quartz Vein in Granodiorite and greenstone							
581255	369737	6715280		CS	28-Jul-13	Granodiorite and Greenstone							
581256	369729	6715299		CS	28-Jul-13	Granodiorite and Greenstone							
581257	369729	6715299		CS	28-Jul-13	Granodiorite							
581258	369798	6715219		CS	28-Jul-13	Granodiorite							
581259	370221	6714929		CS	28-Jul-13	Granodiorite							
581201	370969	6714769		KS	28-Jul-13	Quartz vein in mixed felsenmeer							

GROMMET 2013- Geological data

Declination used: 22E

All planar data entered using the right hand

Location (NAD83 Zone 9N)				Recording info		Unit						Veins	
Station	UTME	UTMN	Z	Mapper	Date		S1		S2			V1	
							S	D	S	D		S	D
581202	370986	6714745		KS	28-Jul-13	Quartz Diorite							
581203	371013	6714713		KS	28-Jul-13	Metavolcanic?							
581260	370696	6714210		CS	31-Jul-13	Quartz Granodiorite							
581261	370696	6714210		CS	31-Jul-13	Porphyritic felsite							
581262	370477	6714133		CS	31-Jul-13	Quartz Vein within Greenstone							
581264	370426	6714270		CS	31-Jul-13	Float Quartz Vein Material							
581264A	370426	6714270		CS	31-Jul-13	Contact diorite and porphritic felsite							
581265	370385	6714322		CS	31-Jul-13	Granodiorite							
581266	370381	6714305		CS	31-Jul-13	Float Quartz Vein Material							
581267	370365	6714389		CS	31-Jul-13	Quartz vein in granodiorite							

GROMMET 2013- Geological data

Declination used: 22E

All planar data entered using the right hand

Location (NAD83 Zone 9N)				Recording info		Unit						Veins	
Station	UTME	UTMN	Z	Mapper	Date		S1		S2			V1	
							S	D	S	D		S	D
581268	370454	6714086		CS	31-Jul-13	Diorite							
582163	370443	6714119		CS	31-Jul-13	Granodiorite							
CS001	370460	6714098		CS	31-Jul-13	Diorite - Granodiorite						70	54
Porph?	370123	6714890		CS	31-Jul-13	Hornblende Porphyry							
Vn	370302	6714452		CS	31-Jul-13	Vein in Granodiorite							
581204	370641	6714228	1437	KS	31-Jul-13	Quartz feldspar porphyry/ Granodiorite, weakly porphyritic							
581205	370626	6714212	1440	KS	31-Jul-13	Quartz feldspar porphyry/ Granodiorite, weakly porphyritic							
581206	370625	6714215	1440	KS	31-Jul-13	Quartz porphyritic Granodiorite							
581207	370910	6714221	1393	KS	31-Jul-13	Quartz Vein							

GROMMET 2013- Geological data

Declination used: 22E

All planar data entered using the right hand

Location (NAD83 Zone 9N)				Recording info		Unit						Veins	
Station	UTME	UTMN	Z	Mapper	Date		S1		S2			V1	
							S	D	S	D		S	D
K948513GR42	370824	6714279	1393	KS	31-Jul-13	Diorite	165	70	165	90		165	70
K948573 GR42	370838	6714229	1390	KS	31-Jul-13	Diorite							
581269	370308	6714452		CS	1-Aug-13	Greenstone							
581270	370210	6714639		CS	1-Aug-13	Greenstone							
581272	370083	6714951		CS	1-Aug-13	Foliated Greenstone							
581273	369958	6715280		CS	1-Aug-13	Greenstone							
581274	369960	6715267		CS	1-Aug-13	Greenstone							
CS002 581271	370194	6714703		CS	1-Aug-13	Porphritic Felsite							
CS004	369917	6715491		CS	1-Aug-13	Foliated Greenstone	150	52					

GROMMET 2013- Geological data

Declination used: 22E

All planar data entered using the right hand

Location (NAD83 Zone 9N)				Recording info		Unit							
Station	UTME	UTMN	Z	Mapper	Date		S1		S2		Veins	
							V1					
							S	D	S	D	S	D
CS005	369901	6715468	1513	CS	1-Aug-13	Greenstone	120	80				
CS006 581275	369908	6715431	1519	CS	1-Aug-13	Greenstone						
CS007 581276	370507	6715524	1352	CS	1-Aug-13	Greenstone						
581208	371018	6714092	1402.9	KS	1-Aug-13	Quartz, feldspar porphyry						
581209	371024	6714083	1400.8	KS	1-Aug-13	Quartz Vein						
581210	371270	6713709	1404.4	KS	1-Aug-13	Granodiorite						
581211	371562	6713578	1451.5	KS	1-Aug-13	Greenstone/ Porphyritic felsite						
581212	371506	6713526	1438.7	KS	1-Aug-13	Dioritised greenstone and granodiorite						
Cut	370733	6714586	1379.8	KS	1-Aug-13	Greenstone						
K948507 GR7	371534	6713536	1437.8	KS	1-Aug-13	N/A						
KS1	370771	6714568	1390.2	KS	1-Aug-13	Diorite						
Mo	370977	6714146	1402.9	KS	1-Aug-13	Quartz Vein						
NB					1-Aug-13							

GROMMET 2013- Geological data

Declination used: 22E

All planar data entered using the right hand

Location (NAD83 Zone 9N)				Recording info		Unit					Veins	
Station	UTME	UTMN	Z	Mapper	Date		S1		S2		V1	
							S	D	S	D	S	D
581277	370842	6714250	1383.2	CS	2-Aug-13	Quartz vein in foliated greenstone	100	62			?164	?88
581278	370909	6714229	1394	CS	2-Aug-13	Quartz vein float						
CS008 CS013												
CS008	370841	6714244	1389.9	CS	2-Aug-13	Greenstone/ Felsite/ Diorite	102	78				
CS009	370856	6714238	1385.9	CS	2-Aug-13	Greenstone/ Felsite	128	62				

GROMMET 2013- Geological data

Declination used: 22E

All planar data entered using the right hand

Location (NAD83 Zone 9N)				Recording info		Unit					Veins	
Station	UTME	UTMN	Z	Mapper	Date		S1		S2		V1	
							S	D	S	D	S	D
CS010	370865	6714223	1392.6	CS	2-Aug-13	Greenstone/ Felsic dyke	118	88				
CS011	370904	6714189	1382.7	CS	2-Aug-13	Biotite quartzite	76	62				
CS012	370928	6714221	1389	CS	2-Aug-13	Greenstone						
CS013	370901	6714267	1388.3	CS	2-Aug-13	massive greenstone, biotite quartzite, diorite						
CS014 581285	370766	6714466	1378.2	CS	2-Aug-13	Altered Greenstone?						
581213	370727	6714142	1439.4	KS	2-Aug-13	Quartz Vein talus						

GROMMET 2013- Geological data

Declination used: 22E

All planar data entered using the right hand

Location (NAD83 Zone 9N)				Recording info		Unit						Veins	
Station	UTME	UTMN	Z	Mapper	Date		S1		S2			V1	
							S	D	S	D		S	D
581214	370706	6714162	1438.2	KS	2-Aug-13	Quartz Feldspar Porphyry							
581215	370691	6714176	1429.1	KS	2-Aug-13	Quartz Feldspar Porphyry							
CS015 CS023	N/A				3-Aug-13	Greenstone/ granodiorite/ Quartz Granodiorite							
581282	371648	6713817	1474.8	CS	3-Aug-13	Massive Greenstone							
581284	371615	6713845	1473	CS	3-Aug-13	Foliated Greenstone	170	65					
CS015	371565	6713537	1442.3	CS	3-Aug-13	Granodiorite							
CS016	371585	6713581	1440.2	CS	3-Aug-13	Foliated Greenstone							

GROMMET 2013- Geological data

Declination used: 22E

All planar data entered using the right hand

Location (NAD83 Zone 9N)				Recording info		Unit						Veins	
Station	UTME	UTMN	Z	Mapper	Date		S1		S2			V1	
							S	D	S	D		S	D
CS017 581279 581280	371566	6713606	1445.9	CS	3-Aug-13	Quartz feldspar intrusive							
CS018	371567	6713630	1451	CS	3-Aug-13	Foliated Greenstone							
CS019	371558	6713657	1456	CS	3-Aug-13	Foliated Greenstone	350	90					
CS020	371568	6713662	1462.5	CS	3-Aug-13	Diorite							
CS021 581281	371596	6713764	1474.8	CS	3-Aug-13	Granodiorite							
CS022 581283	371615	6713858	1478.4	CS	3-Aug-13	Massive greenstone						82	89
CS023	371276	6713676	1411.3	CS	3-Aug-13	Granodiorite							

GROMMET 2013- Geological data

Declination used: 22E

All planar data entered using the right hand

Location (NAD83 Zone 9N)				Recording info		Unit					Veins	
Station	UTME	UTMN	Z	Mapper	Date		S1		S2		V1	
							S	D	S	D	S	D
581216	371538	6713534	1439	KS	3-Aug-13	Granodiorite						
581217	371538	6713534	1439	KS	3-Aug-13	Granodiorite						
581218	371527	6713531	1436.3	KS	3-Aug-13	?Quartz Feldspar Porphyry?						
581219	371454	6714065	1512.7	KS	3-Aug-13	Greenstone						
581220	371459	6714079	1513.5	KS	3-Aug-13	Quartz Vein talus						
581221	371479	6714116	1516.8	KS	3-Aug-13	Hornfels						
581222	371468	6714164	1524	KS	3-Aug-13	Hornfels						
581223	370230	6715179	1404.1	KS	4-Aug-13	Quartz Vein in Greenstone					104	70
581224	370230	6715179	1404.1	KS	4-Aug-13	Greenstone	150	56				
581225	369988	6715052	1545.4	KS	4-Aug-13	Diorite						
581226	369861	6714730	1679.5	KS	4-Aug-13	Fault Gouge						
581227 K948560	370171	6714056	1675.9	KS	4-Aug-13	Diorite						
581228	370169	6714066	1670.6	KS	4-Aug-13	Quartz vein in Diorite						
581287	371056	6714700	1527.6	CS	4-Aug-13	Felsic dyke in greenstone						

GROMMET 2013- Geological data

Declination used: 22E

All planar data entered using the right hand

Location (NAD83 Zone 9N)				Recording info		Unit						Veins	
Station	UTME	UTMN	Z	Mapper	Date		S1		S2			V1	
							S	D	S	D		S	D
581288	371329	6714349	1545	CS	4-Aug-13	Felsic dyke in greenstone							
CS024 581286	371047	6714711	1526.2	CS	4-Aug-13	Quart Felsic Dyke							
CS025	371212	6714572	1568.3	CS	4-Aug-13	Quartz Diorite							
CS026	371216	6714536	1568.5	CS	4-Aug-13	Diorite							
CS027	371254	6714485	1570.4	CS	4-Aug-13	Quartz Diorite							
CS028 581289	371357	6714277	1536	CS	4-Aug-13	Felsic dyke							
CS029	371152	6714596	1569.9	CS	4-Aug-13	Felsic dyke	290	34					

GROMMET 2013- Geological data

Declination used: 22E

All planar data entered using the right hand

Location (NAD83 Zone 9N)				Recording info		Unit					Veins	
Station	UTME	UTMN	Z	Mapper	Date		S1		S2		V1	
							S	D	S	D	S	D
CS030	371107	6714692	1561.1	CS	4-Aug-13	Felsic dykes in foliated greenstone	254	72				
CS031	371098	6714719	1573.1	CS	4-Aug-13	Diorite greenstone contact						
CS032	371118	6714753	1586.5	CS	4-Aug-13	Diorite						
CS033	371115	6714777	1591.3	CS	4-Aug-13	Quartz Diorite						
CS034	371093	6714874	1595.7	CS	4-Aug-13	Banded fine and coarse grained diorite						
581229	371143	6713750	1411.1	KS	6-Aug-13	Quartz Vein Float						

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Sulphides				Altn
Station	UTME	UTMN	Z	Py %	Gn %	Sph %	Other %	
581251	370516	6715289					1 - remnant sulphides	
581252	373113	6712931		1				
581253	373090	6712868					1- remnant sulphides	
581254	369737	6715283		1 to 2				
581255	369737	6715280		1 to 2				
581256	369729	6715299		1 to 2				
581257	369729	6715299		4				
581258	369798	6715219		1				
581259	370221	6714929		1 to 2				
581201	370969	6714769					<1 - Mo?	

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Sulphides				Altn
Station	UTME	UTMN	Z	Py %	Gn %	Sph %	Other %	
581202	370986	6714745		1				
581203	371013	6714713		5				
581260	370696	6714210		4				Minimal Serecite
581261	370696	6714210		<1				Limited serecite
581262	370477	6714133		5			Trace Mo, ?Cu minerals?	
581264	370426	6714270		10				
581264A	370426	6714270						
581265	370385	6714322		5			Trace Chalcopyrite?	
581266	370381	6714305		5			Trace Mo/ Galena?	
581267	370365	6714389		5				

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Sulphides				Altn
Station	UTME	UTMN	Z	Py %	Gn %	Sph %	Other %	
581268	370454	6714086		1			<1% Galena?	
582163	370443	6714119					Trace Mo/ Galena?	
CS001	370460	6714098		1 to 2				
Porph?	370123	6714890						
Vn	370302	6714452						clay selvage
581204	370641	6714228	1437	2 to 3			Trace Mo?	
581205	370626	6714212	1440	Trace			5 Arsenopyrite	Moderate clay alteration
581206	370625	6714215	1440	Trace				serecite and clay
581207	370910	6714221	1393	30				

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Sulphides				Altn
Station	UTME	UTMN	Z	Py %	Gn %	Sph %	Other %	
K948513GR42	370824	6714279	1393	20				
K948573 GR42	370838	6714229	1390					
581269	370308	6714452		2				
581270	370210	6714639		5 to 10				
581272	370083	6714951						
581273	369958	6715280		1				
581274	369960	6715267		5			Tr cpy & aspy	
CS002 581271	370194	6714703						
CS004	369917	6715491						

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Sulphides				Altn
Station	UTME	UTMN	Z	Py %	Gn %	Sph %	Other %	
CS005	369901	6715468	1513					
CS006 581275	369908	6715431	1519					
CS007 581276	370507	6715524	1352					Localised silicification
581208	371018	6714092	1402.9	Trace - 1				
581209	371024	6714083	1400.8	5			Arsenopyrite	
581210	371270	6713709	1404.4	2			Chalcopyrite	weakly sericitic
581211	371562	6713578	1451.5	5 to 10			1 to 2 Mo/Ga?	i and moderate chlorite altera
581212	371506	6713526	1438.7	10			trace chalcopyrite, plus or minus, arse	
Cut	370733	6714586	1379.8					
K948507 GR7	371534	6713536	1437.8					
KS1	370771	6714568	1390.2	1				Chlorite moderate
Mo	370977	6714146	1402.9					
NB								

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Sulphides				Altn
Station	UTME	UTMN	Z	Py %	Gn %	Sph %	Other %	
581277	370842	6714250	1383.2	20			Malachite, chalcopyrite	
581278	370909	6714229	1394	2				
CS008 CS013								
CS008	370841	6714244	1389.9	4				
CS009	370856	6714238	1385.9	2				

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Sulphides				Altn
Station	UTME	UTMN	Z	Py %	Gn %	Sph %	Other %	
CS010	370865	6714223	1392.6	2				
CS011	370904	6714189	1382.7					
CS012	370928	6714221	1389					
CS013	370901	6714267	1388.3	trace			weak cholrite alteration in foliated gre	
CS014 581285	370766	6714466	1378.2					Chlorite and sericite strong
581213	370727	6714142	1439.4					

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Sulphides				Altn
Station	UTME	UTMN	Z	Py %	Gn %	Sph %	Other %	
581214	370706	6714162	1438.2	Trace			Trace Mo	Sericitic
581215	370691	6714176	1429.1	2			Mo	
CS015 CS023	N/A							
581282	371648	6713817	1474.8	5				
581284	371615	6713845	1473	10				
CS015	371565	6713537	1442.3	Trace - 1				
CS016	371585	6713581	1440.2	10				

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Sulphides				Altn
Station	UTME	UTMN	Z	Py %	Gn %	Sph %	Other %	
CS017 581279 581280	371566	6713606	1445.9	5				
CS018	371567	6713630	1451					
CS019	371558	6713657	1456					
CS020	371568	6713662	1462.5				1	feldspars - weak chlorite
CS021 581281	371596	6713764	1474.8	5				
CS022 581283	371615	6713858	1478.4	1				
CS023	371276	6713676	1411.3					

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Sulphides				Altn
Station	UTME	UTMN	Z	Py %	Gn %	Sph %	Other %	
581216	371538	6713534	1439	10				Sericitic
581217	371538	6713534	1439	1				Weak Clay
581218	371527	6713531	1436.3	10			arsenopyrite	Strong Sericitic
581219	371454	6714065	1512.7				Strongly limonitic, bleached, serici	
581220	371459	6714079	1513.5					
581221	371479	6714116	1516.8	10			tr aspy & cpy	
581222	371468	6714164	1524					
581223	370230	6715179	1404.1					limonitic minor
581224	370230	6715179	1404.1					Sericitic
581225	369988	6715052	1545.4					
581226	369861	6714730	1679.5					
581227 K948560	370171	6714056	1675.9	<10			cpy, aspy, tr mal	
581228	370169	6714066	1670.6	<10			aspy & cpy	
581287	371056	6714700	1527.6					

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Sulphides				Altn
Station	UTME	UTMN	Z	Py %	Gn %	Sph %	Other %	
581288	371329	6714349	1545	20				Ga/Mo? trace
CS024 581286	371047	6714711	1526.2	1				
CS025	371212	6714572	1568.3					
CS026	371216	6714536	1568.5	10				moderate chlorite
CS027	371254	6714485	1570.4					
CS028 581289	371357	6714277	1536	5				
CS029	371152	6714596	1569.9					

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Sulphides				Altn
Station	UTME	UTMN	Z	Py %	Gn %	Sph %	Other %	
CS030	371107	6714692	1561.1	2				
CS031	371098	6714719	1573.1	1				
CS032	371118	6714753	1586.5					
CS033	371115	6714777	1591.3					
CS034	371093	6714874	1595.7					
581229	371143	6713750	1411.1					

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Description
Station	UTME	UTMN	Z	
581251	370516	6715289		Valley Bottom, downstream of Beaver Pond. Greenstone - Dark grey/green, weathers light grey, weak foliation defined by Biotite (20%), local elongate feldspathic lenses (10%), feldspar (60%) fine grained <1mm, original fabric destroyed. Structural measurements unreliable due to slumping, approximate foliation trend N/S. Little or no alteration or mineralisation.
581252	373113	6712931		High plateau near small creek, Float sample (~30cm diameter). Greenstone, dark grey, weathers pinky orange. Fine grained <1mm Feldspar (60%), mafics (30%), 1 - 2% Sulphide remnants concentrated in magnetic stringer veins <1mm - ?pyrrhotite? and disseminated pyrite.
581253	373090	6712868		High plateau near small creek, Float sample (~30cm diameter). Fine grained mafic. Black, weathers rusty brown. Distinguishable feldspar and biotite crystals (<0.5mm) (20%), disseminated remnant sulphides 1%.
581254	369737	6715283		Rusty ridge top, NE end of property. Quartz vein in granodiorite and greenstone, cloudy white, blocky weathering orange. Vein ~5m wapparent thickness, 90% medium grained, 2mm quartz and 1-2% disseminated pyrite, often cubic (0.5mm). Contact with host rock not clear cut but steep, evidence of localised vein breccias. General strike of vein ENE/WSW, contact ~68/104 (Dip/ Strike Right Hand Rule). Photo 581254 facing NE shows vein location within Granodiorite, obscured by lichen. Host rock sampled and described in 581255.
581255	369737	6715280		Ridge top similar location to 581254. Sampled Granodiorite and greenstone host rock to vein sampled in 581254. Granodiorite dark grey - black with white specs, weathers rusty orange. 40% mafic Hornblend and Biotite, 30% feldspar and 20% quartz. Medium - coarse grained 2mm crystals. Weak foliation localised. Greenstone dark grey/ greenyblack, weathers rusty orange, very fine grained (no modal abundances). Both have disseminated pyrite and stringers at 1-2-%. Unclear where Granodiorite ends and Greenstone begins, unsure if separate untis, possible that seeing pockets of one within the other?
581256	369729	6715299		Ridge Top. Further sampling of granodiorite and greenstone as described in 581254. 1-2% disseminated pyrite.
581257	369729	6715299		Ridge Top, same location as 581256. Granodiorite, dark grey, weathers rusty orange, 20% medium grained quartz (2-3mm) with interstitial finer grained feldspathic (not porphiritic), 4% disseminated pyrite and pyrite stringer veins. Photo 581257 facing SW depictss outcrop of rusty Granodiorite.
581258	369798	6715219		Alpine Mid Slope, E Aspect, gentle. No outcrop, float sample from scree. Granodiorite is dominant in scree. 'Salt and pepper' apperance 60% felsic, 40% mafic, weathers grey and localised orange. 1% disseminated and globular pyrite and chalcopyrite. Very weak foliation beginning to form.
581259	370221	6714929		Alpine Mid Slope, E Aspect, gentle. No outcrop, float sample from scree. Granodiorite is dominant in scree, however sampled fine grained (< 1mm) greenstone, too fine grained for modal abundances. Dark grey/ green, weathers orange and light grey. Multiple crosscutting mm scale quartz veins. Disseminated Pyrite and concentrated in stringer veins (~1-2%).
581201	370969	6714769		Float sample, mid SW facing slope, approximate location of 2012 Au soil occurrence. Sample of vein rubble from a SE-NW swale floored by felsenmeer comprised of diorite, metasediments and vein rubble. Vivid rusty quartz vein, ~4cm wide and crosscutting a 5cm diorite dykelet. Locally saccharoidal and blocky white on one side of dyeklet which crosscuts oblique to massive grey quartz on the other side. Fine grained fractures may contain Mo? Photo 581201c - Weakly foliated Quartz Diorite with crosscutting quartz/ serecite/ K-feldspar veinlets (up to 2mm). 581201a looking SE along Swale. 581201b looking NW along Swale.

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Description
Station	UTME	UTMN	Z	
581202	370986	6714745		Float sample, mid SW facing slope, below small outcropping cliffs, in a swale. Quartz Diorite crosscut by several pyrite bearing quartz veinlets. Weakly foliated with minimal alteration.
581203	371013	6714713		Float sample, mid SW facing slope, below small outcropping cliffs, in a swale. Metavolcanic? Dark grey, maroon weathering, very tough rock, breaks sharply. Massive fine grained. Contains clasts, disseminated and stringers of pyrite, up to 5%.
581260	370696	6714210		Float Sample up slope from main showing. Quartz Granodiorite. White cloudy, weathers rusty orange pervasively. Coarse grained (2-5mm) uhedral smokey quartz (35%), opaque white feldspar appreas interstitial to quartz, finer grained (40%), coarse 2-5mm black biotite (15%), disseminated , clustered and stringer pyrite (up to 2mm and 4%), blueishtinge in places could be hints of Mo? and yellow weathering Arsenopyrite?. Minimal serecite alteration to feldspars.
581261	370696	6714210		Float sample up slope from main showing. Porphyritic felsite. Bright white, weathers beige/ yellow with a red rinde and localised manganese surface staining. 85% quartz, 1-3mm crystals with concoidal fracturing evident, anhedral smokey and white. 10% feldspar greenish yellow serecite alteration limited, 1-2mm crystals. 1-2% muscovite <1mm. fine grained pyrite <1%
581262	370477	6714133		Mid slope, steep NE aspect to the Southof camp. Mixture of Talus and subcrop. Talus is a mixture of greenstone and granodiorite. Sampled subcrop vein material (medium grained 1-2mm) within a fine grained, massive dark grey greenstone. Both weather rusty red with Manganese surface staining and quartz vein weathers yellow where sulphides are concentrated. 5% pyrite clusters (up to 1mm) and line the vein contact selvage. Blueish sliver Mo trace and irridescent weathering of some sulphides may suggest Cu minerals? Photo 581262 - facing SW quatrz vein heavily weathered, pyrite concentrated in yellow weathering with 1mm comb quartz.
581264	370426	6714270		Float in NW/SW swale found mid slope (NE Aspect). Quartz vein material weathers red - purple, 10% pyrite vug infill and clusteres interconnected by stringers. Flagging around remainder of boulder. Photo 581264 Quartz vein in float, 10% pyrite.
581264A	370426	6714270		Float sample, same location 581265. Representative geology sample only of contact between diorite, similar composition to cs-001 with a weak foliation and a porphyritic felsite, white, weathers pale beigy/ grey, quartz and plagioclase phenocrysts up to 3mm (10%) similar composition to 581261. Contact is sharp and lined by a barren quartz vein.
581265	370385	6714322		Float sample from swale (further North than 581264). Granodiorite same composition as at cs001 weathers orange to purple. 5% massive pyrite in clusters interconnected by stringers and disseminated. Cubic in places up to 3mm. Trace Chalcopyrite?
581266	370381	6714305		Float sample from swale (further North than 581264). Quartz vein material, weathers red - purple. Cubic pyrite (2mm), disseminated and in clusters finer grained (5%), trace Mo/Galena? Sample 581266A Representative geology of sericitic/ clay altered vein in granodiorite from the same location.
581267	370365	6714389		Float sample from swale. Quartz vein within granodiorite. 5cm wide, vuggy comb quartz in medium grained granodiorite and pockets of coarser (3mm) granodiorite close to vein. Coarse (up to 5mm) cubic pyrite infill vuggs as well as disseminated pyrite in granodiorite host rock (5%). Photo 581267-1 Vein in rock, 581267-2 vein next to coarser granodiorite, 581267-3 pyrite in vug.

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Description
Station	UTME	UTMN	Z	
581268	370454	6714086		Next to K9448555 from 2012, near cs-001. Along fracture in diorite which weathers irridescent purple, dark grey with white specs, weathers rusty orange, mafics (horneblende and biotite) 30% up to 3mm, quartz 30%, feldspar 40%, disseminated pyrite 1%. <1% Galena? Purply/ silver with metalic sheen, flakey plates, amorphous, 2mm.
582163	370443	6714119		Granodiorite of cs-001 outcrop. Salt and pepper, weathers rusty orange, Mafics 20%, Felsic 80% Trace Mo/ Galena? Sample 581263 CR (country rock). Photo 581263 Quartz eye in talus.
CS001	370460	6714098		Up slope from 581262, Mid slope outcrop (~30-50m). Weatheres significantly and pervasively rusty orange - red. Diorite grades to granodiorite South to North. Diorite sampled dark grey/ black with white specs, coarse grained 2-4mm, Quatrz 20%, Felspar 40%, Black, tabular Biotite and Hornblede? 20%, clustered and veinlet fine grained pyrite 1-2%. Representative samples cs001a and cs001b. locally foliated and local coarse quartz crystals up to 1cm, jointing pervasive across outcrop, spacing 20-100cm, surface 54/070 and 58/054. 50m quartz veins parallel to jointing (sampled 2012 K948555 - 20cm quatz vein). Multiple generations of stringer veins parallel and perpendicular to jointing at a density of ~10%. Slickenslides in talus, potential falut zone? Photo cs001-1 Vein halo in talus, cs001-2 facing SW joining in outcrop, surface measured centre bottom edge of photo, cs001-3 jointing pervasive throughout outcrop.
Porph?	370123	6714890		Float sample mid slope (same break in slope as swale, further North, almost in line with Beaver dam), where Getty mapped Quartz feldspar porphry dykes. Geological representative sample, dark green with black specs, weathers pale greeny brown with rusty specs. 15% 3mm rounded hornblend phenocrysts in a fine grained green groundmass dominated by felspar, 1mm and biotite <1mm porphyritic texture. Cross cut by multiple stringer veins now clay altered.
Vn	370302	6714452		Float sample of mutiple generations of veining along same pathway in granodiorite, weathers rusty red interstital to 2-5mm coarse quartz crystals and throughout vein. Foliation parallel to vein along edges, weaker further away. Calcite quartz veining in several stages, leaving layers at the edges and clay alteration along selvage. Enclave of granodiorite ripped up within vein (3cm long). Also parallel to a separate 3mm dark green -black vein.
581204	370641	6714228	1437	Talus/ Felsenmeer sample. Quartz feldspa porphyry/ grandiorite weakly porphyritic. Massive creamy coloured when fresh, yellow and rusty weathering. Translucent grey, subhedral quarts phenocrysts (~25%) up to 3mm, Dullwhite to light grey, altered? anhedral to subhedral feldspars (70%), remnant biotite altered to serecite, plus or minus, muscovite. 2-3% crusts and clots of arsenopyrite and pyrite, fine to med grained in a field of light grey weathering. Granodiorite has variable cross cutting quatrz veins up to 2cm, usually barren but some pyrite stringers and traces of Mo. This field extends 30m uphill and to the NW.
581205	370626	6714212	1440	As above (581204), semi-massive to vein stringers arsenopyrite 5%, trace pyrite. Moderate serecite and clay alteration.
581206	370625	6714215	1440	Typical blocky talus adjacent to 581205. Quartz porphyritic Granodiorite. Buff to pale green brown, grey to pale orange weathering. Quartz eyes transucent grey, sub-ehedral, up to 4mm (~30%) in a slightly finer grained, sericite and clay altered feldspar matrix. Minor biotite books partially altered to muscovite, trace hornblende? <1mm rusty fractures with open space quartz crystals. Trace disseminated pyrite and pits in crosscutting quartz veins (up to 2cm) at the top of talus train.
581207	370910	6714221	1393	Felsenmeer boulders in creek. Quartz vein material. Semi-massive arsenopyrite and pyrite (up to 30%). Other boulders include meta sediments and unaltered granodiorite.

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Description
Station	UTME	UTMN	Z	
K948513GR42	370824	6714279	1393	K948513 - Sample # from 2012, GR42 - Location from 2012 report. Diorite step. Dark grey green with dull greenish grey and pale orange weathering. 1-5mm quartz veins along fractures/ foliation 70-90/ 165 Dip/ Strike (RHR). Within veins medium to coarse grained blebs of pyrite, arsenopyrite and chalcopyrite. Locally pyrite is disseminated within diorite close to mineralised veins (up to 20%). Some veins are weakly folded 250/ plunge sub-vertical. Oriented rock sample 264/64, 162/78 broke off along vein wall.
K948573 GR42	370838	6714229	1390	More rusty arsenopyrite within diorite step.
581269	370308	6714452		North of Swale, just above break in slope (NE Aspect). Talus sample. Greenstone. Dark grey/green weathers rusty red. Fine grained quartz/ feldspar groundmass with 0.5mm anhedral feldspar clusters (15%). Disseminated pyrite and stringers 2%. 581269A - Country rock sample of Granodiorite from same location. Greeny black and greeny white specs, minimal chlorite alteration, 60% felsic, 40% mafic. Photo 581269 Float sample too big to sample, shows relationship between cross cutting granodiorite (coarse 0-5 - 1cm Quartz) and Greenstone.
581270	370210	6714639		Just above break in slope (steep NE aspect), talus/ Felsenmeer Greenstone sample. Dark grey with purple, translucent patches, weathers specled white and pale orange locally. Massive. Biotite and hornblend? 0.5-2mm, 5%, feldspar 0.5mm 10%, Quartz 0.5mm 5%, disseminated pyrite and stringers 5-10%, Fine grained feldspathic groundmass 70%.
581272	370083	6714951		Granodiorite dominated talus within narrow NE/SW trending, steep gully above break in slope. Sampled heavily quartz/ calcite veined foliated greenstone. Very fissile and platey with irridescent weathering along a dense mafic layer. Gully is likely to be a structural feature.
581273	369958	6715280		CS003 above break in slope and L0E 5300N soil sample (NE, steep aspect), north of the beaver dam in a shallow gully previously map inferred as a fault. Outcrop (20x30m) lines the lower south side of the gully. The lower section of this is definitive greenstone, fine grained, dense, mafic and cross cut by a fine grained, 1m wide 'salt and pepper' granodiorite. Further up slope is a more greyish, fine grained greenstone as previously described. Both are a grey-green, weathering rusty orange which intensifies to purply red along fractures. Non-magnetic. Outcrop scale jointing, spaced 10-200cm, near vertical 88/ 198. Sample 581273 is of the greyer greenstone, 1% pyrite stringers. Photo 581273, facing SE whole outcrop of greenstone.
581274	369960	6715267		CS003 Greenstone outcrop. Dark green/ grey weathers intense irridescent purple/ red with yellow halos along veins, Disseminated pyrite and stringers 5%. 3mm fierous, platey mineral radial clusters on surface, stained gold and irridescent 2% Cu bearing mineral? Chalcopyrite trace and arsenopyrite (bright sliver) can be seen in representative sample. Photo 581274 - South facing purple weatherd greenstone and vein with yellow halo. Granodiorite and foliated greenstone (similar to 581251) dominate talus on North side of gully. Sample 581274A - greenstone country rock. Such greenstone show a range from mild deformation to kink folding.
CS002 581271	370194	6714703		Just above break in slope (NE steep aspect) Porphyritic Felsite (Quartzofeldspathic Dyke). Outcrop 3x7m, contacts not exposed but most likely intruded greenstone which is dominant in nearby talus, however, granodiorite and diorite is still common in talus. Creamy White, weathers rusty orange spots and overall a pale beige/ tan. Approximate SW/NE trend with jointing parallel to this - no measurable surface. Massive 1mm felsic groundmass (80%), white and smokey quarts 2mm (5%), felspar 2mm (5%) and hence porphyritic texture is limited. Amorphous rusty red/ brown patches suggest weathering out of biotite or sulphides. Photo 581271 - facing SW porphyritic felsite dyke.
CS004	369917	6715491		North of gully at reak in slope foliated greenstone (similar to 581251) outcrop, same as sample 582174A. Black (70%) and white (30%) banded. Biotite defines foliation (20%), Medium Grained 1mm Quartz (30% of white) and felspar 0.5mm (40% of white). Foliation 52/150. Granodiorite in float but no clear source.

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Description
Station	UTME	UTMN	Z	
CS005	369901	6715468	1513	Up slope and back towards gully from cs004. Greenstone outcrop 10x10m. Very deformed, dominant foliation 80/120. Photo CS005 -1 - West facing, very deformed Greenstone near potentail fault. Deformation is localised, at 369902E 6715439N 1518m retuen to foliated greenstone - Foliation 82/142. Subparallel to foliation (contact 40/124) units of foliated and massive greenstone are interleaved on a meter scale, red rusting is concentrated the massive unit. Granodiorite is still present in float. Sample CS005 - massive greenstone found interleaved. Photo CS005-2 west facing, tight fold in foliated greenstone, quartz vein disects along fold axis.
CS006 581275	369908	6715431	1519	Within the vicinity of CS005. Photo CS006, facing West coarse greenstone sandwhiched between massive fine grained greenstone, only further north fine grained greenstone weathered rusty red (see sketch in notes). Sample 581275 from rusty package. Possible coarser package ' diotirised greenstone'? Contacts 80/264 (not parallel to foliation, possibly conjugate?).
CS007 581276	370507	6715524	1352	NE side of creek near North end of property, where slope begins to rise steeply. Outcrop 10x20m greenstone, dark green/grey, weathers pale grey with patches of beige. Massive. Composition as seen before (dominantly feldspar and quartz, followed by ?biotite and hornblend?). Jointing at meter spacing 68/262. Photo CS007-1 facing east whole outcrop of greenstone. CS007-2 facing east, close up of deformed section similar to cs-005 on opposite side of the valley. To the east end of outcrop, 3-5m of silicified, foliated greenstone (sample 581276).
581208	371018	6714092	1402.9	Light grey to buff weathering, pale green quartz feldspar porphyry. Indistinct where felspar and minor euhedral grey quartz phenocrysts are in groundmass. Trace - 1% disseminated pyrite. E side of creek felsenmeer field (3x15m) ~70% metasediments (gneissic), 20% unaltered granodiorite and 10% quartz vein material (barren to very rusty).
581209	371024	6714083	1400.8	South end of same felsenmeer field as 581208, Quartz vein material, vuggy, rusty, pyrite and arsenopyrite, up to 5%
581210	371270	6713709	1404.4	Small (1x3m) wet felsenmeer of biotite granodiorite, massive coarse grained, weakly sericitic. Disseminated fine grained pyrite, plus or minus chalcopyrite (up to 2%). White feldspar prominent on pale grey to orange weathered surfaces.
581211	371562	6713578	1451.5	Rubblecrop on west side of upper creek. Greenstone in contact with porphyritic felsite Rusty, blocky weathering with silici and moderate chlorite alteration. Felsite buff medium grained with trace of disseminated fine grained pyrite. Greenstone has cross cutting, weakly bleached micro veins with pyrite. Also pyrite fracture coatings? (5-10%) with fine grained silvery sulphides Mo? Galena? (1-2%).
581212	371506	6713526	1438.7	Float in creek. Pyrite rich (10%) contact between foliated dioritised greenstone and serecitic granodiorite. Quartz feldspar porphyry trace chalcopyrite, plus or minus, arsenopyrite.
Cut	370733	6714586	1379.8	Buckbrush and spruce cut with saw last spring, small greenstone outcrop/ boulder dug out, no obvious reason, no flag.
K948507 GR7	371534	6713536	1437.8	In report as GR7 which is 1.2km NW from this point. It does not match up.
KS1	370771	6714568	1390.2	Step 2x5m, fine to medium grained massive Diorite. Moderate chlorite alteration, disseminated pyrite 1%, no discernable veining. Weak jointing 134/90.
Mo	370977	6714146	1402.9	Mo in quartz vein felsenmeer with granodiorite and fine grained diorite felsenmeer.
NB				Quartz felspar porphyry and porphyritic felsite refer to the same unit. Not a felsite because although fine grained in places, not aphenitic.

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Description
Station	UTME	UTMN	Z	
581277	370842	6714250	1383.2	CS008 Foliated Greenstone as described above plus 20cm quartz vein parallel to contacts contains massive pyrie (20% locally), chalcopyrite, malachite and possible trace boronite? 5% py/ chalcopyrite disseminated in greenstone proximal to vein. Sampled vein 581277.
581278	370909	6714229	1394	Resampled quartz vein float (2012 K498511?) Suspect high grade sample. White to creamy, weathers orange and sickly green/ yellow. 10% porous, very light. Pyrite stringers 2%.
CS008 CS013				Outcrop and boulder field in the creek, south of camp. Preliminary Impression of the area. Appears not to be as Getty mapped in 1981/82 (E of stream showing minor Mo in Quatrz veins in greenstone, hornfels and metasediments. W of stream granodiorite with pyrite and minor Mo). The stream does not define a contact and metasediments and greenstone dominated the outcrop on both sides of the stream with intruding felsic and diorite dykes. All quartz veined, locally weak chloritisation and silicification? A potential quartzite unit? Kel Sax noted and sample semi massive to massive pyrite and arsenopyrite from this area (581207). Overall outcrop 50-100mx 5-10m discontinuous on the south side of the stream and more limited on the north side, they are separated by a boulder field and buckbrush. General stike of units is SE/NW with veining and intrusions often parallel to this, as well as perpendicular, possibly conjugate sets? Foliation is approximately E/W.
CS008	370841	6714244	1389.9	Near K948573. Foliated greenstone, dark green-grey, weathers paler with rusty patches and concentrated along veins and fractures. Very dense, non magnetic rock, fine grained, separation of mafic and felsic beginning along foliation (slightly gneissic?) 70% dark bands, 30% white bands, mm scale and relative abundances vary across outcrop. Visible biotite (`30%) where defines foliation, other modal abundances too fine grained. 78/102 foliation. Quartz mm scale veins parallel to foliation, contain 2% pyrite. Lenses of discontinuous felsic intrusion cross cut the foliation at ~ SSE/NNW, also 2% pyrite in clusters. Orientated cs-008-1 sample taken (32/142 and 90/112). Photo cs008-1 west facing shows intrusive crosscutting foliation, photo cs008-2 south facing, orientated sample in situ. At K948573 foliated greenstone contact with diorite/ massive greenstone and felsite dykes? Contacts (88/164) are fairly clean and oblique to foliation (62/100). Photo cs008-2 facing SE shows remnants of a 50cm felsite sandwhiched between foliated greenstone and diorite, preferentially weather out, 4% pyrite disseminated and pyrite lines contact with diorite/ massive greenstone. LITHOLOGY DESCRIPTIONS 1) Foliated Greenstone as described above plus 20cm quartz vein parallel to contacts contains massive pyrie (20% locally), chalcopyrite, malachite and possible trace boronite? 5% py/ chalcopyrite disseminated in greenstone proximal to vein. Sampled vein 581277. Photo cs008-3 west facing massive pyrite in vein, photo cs008-4 west facing chalcopyrite, malachite in quartz vein. 2) Felsite? Pale grey, weathers rusty brown- orange, fine grained (aphanitic?), feldspathic, disseminated andpyrite stringers (4%), joints parallel to contacts quartz veins line contact with diorite. Sample cs008-2a and 2b 3) Massive greenstone - porphyritic diorite, dark grey, purpleish tinge, weathers pale grey with raised white specs and orange along fractures. At first glance appears fine grained but once wetted anhedral, feldspar (hardness <9) up to 5mm 15-20% in a fine grained groundmass, biotie visible 1mm, 2%. Feldspar porphyrys decrease towards felsite contact (looks similar to fine grained massive greenstone) INTERPRETATION - Suspect not greenstone but a chilled margin of the diorite or baked margin of the felsite, possible that this is the case of other units preiviously mapped a smassive greenstone? Sample cs008-3a and 3b. 37084E 6714246N foliation 60/100 (fairly consistent).
CS009	370856	6714238	1385.9	SE, along strike from CS008, Felsite? 1m intruding foliated greenstone with a bbaked margin? Of massive greenstone. Foliation 128/62. Massive greenstone disseminated pyrite 2% and is ~5-cm thick either side of dyke. Sample CS009 shows contact of felsite and massive greenstone. Felsite dyke intrudes at 66/240, 1 - 1.5m thick, jointing at 10-20cm spacing mirrors the contact orientation and is seen in greenstone proximal to dyke. A second set of joints cross cut dyke and greenstone at 60/138 (sub parallel to foliation). LITHOLOGY FELSITE creamy white with dark grey smokey patches, weathers beige - opaque white and rusty orange. Aphanitic feldspathic, pyrite clusters 2%, more common in the dark grey patches.

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Description
Station	UTME	UTMN	Z	
				Between cs009 and cs010 is a discontinuous outcrop of massive fine grained greenstone (10m), jointing on 10cm spacing in the rusty weathered sections, 30cm spacing on the grey weathered sections (88/054). Rusty sections are 30cm wide, no apparent change in composition bar the addition of 2% disseminated pyrite, no vein facilitating fluid flow, only more intense jointing. At cs010 30cm felsic dyke, sub parallel to greenstone foliation which it intrudes (88/118). Photo cs010-1 facing SW felsic dyke in foliated greenstone. cs010-2 facing SW dyke blows out to 50cm and pinches out. cs010-3 facing E contact parallel to foliation. LITHOLOGY white - greeny white, weathers opaque white with dark green like blue cheese. Fine grained quartz, feldspar groundmass with up to 2mm chlorite altered hornblend and other mafics (5%). Localised fine grained epidote (1%), disseminated pyrite along contact 1%. Sample dyke cs010A. SW untit of cs010 is localised massive greenstone grading to porphyritic diorite as described in cs008. Along strike from dyke is a rusty massive greenstone which replaces the dyke as it pinches out. The greenstone is rusty because of 1% disseminated pyrite and is more deformed, weathering crumbly brown. Unit to the SW of rusty package returns to foliated greenstone with localised folding (see sketch in notes). At K948571 felsic dyke reappears sub parallel to greenstone foliation and rusty section of greenstone pinches out. 50cm wide rusty weathering, no visible hornblend or biotite as described before.
CS010	370865	6714223	1392.6	
CS011	370904	6714189	1382.7	see sketch in notes of infered summary. Cs011 is a package of biotite rich, dirty quartzite which grades fromf foliated greenstone away from the dyke of cs010 then abruptly returns to massive greenstone. Comprised of alternating discontinuous bands of dark grey - white quartz and brown red sparkly biotite, all weathers grey brown with rusty spots. Banding formed by foliation, defined by biotite (20%). Quartz (70%), 10% fine grained grey quartz, 2% muscovite alteration of biotite on weatherd surfaces. 62/076 foliation. Representative samples cs011a and cs011b. cs011c is an orientated sample (40/124 and 89/254). Photo cs011 south facing shows orientated biotite quartzite sample.
CS012	370928	6714221	1389	N side of stream, massive fine grained greenstone outcrop amongst boulder field. Same brown rusty weathering as seen in similar position on opposite bank. Jointing 62/288. Photo cs012 west facing, massive greenstone unit (hammer parallel to jointing).
CS013	370901	6714267	1388.3	Majority of outcrop on the N of stream is massive greenstone and biotite quatrzite. Massive greenstone is as described before fine grained, grey weathering. Biotite quartzite full of purple (metamorphic?) biotite. Banding becomes coarser (up tp 0.5cm) texture more gneissic? disseminated pyrite in quatz bands trace. no measureable surface. Diorite sampled at cs012 and seen here and alone bushline on the perimeter of boulder field, 4mm sub-euhedral, tabular hornblend (15%), 2mm feldspar (15%) in a 70% fine grained dark grey-green groundmass (small hand sample but shows texture and minerals clearly). At K948505 (370877E 6714286N) reapperance of foliated greenstone, weak chlorite alteration, pyirute cubes up to
CS014 581285	370766	6714466	1378.2	In creek bed (N of main creek). Chlorite and sericite alteration so strong, identification unreliable, outcrop limited. Altered Greenstone? Sample 581285.
581213	370727	6714142	1439.4	30-40cm Quartz vein boulder in talus of granodiorite and diorite. White to pale light grey anhedral to subhedral coarse grained quartz. Weathers rusty on surface and along open space fractures, clots and stringers of 2mm Mo. Trace - 1% fine grained pyrite and trace chalcopyrite. Quartz boulders of this type, plus or minus mineralisation common along slope and uphill.

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Description
Station	UTME	UTMN	Z	
581214	370706	6714162	1438.2	Quartz Feldspar Porphyry as defined by Holland (1981) Beige weathering, locally vuggy close to weathered surface which are lined with dark brown earthy crusts, creamy to pale grey on fresh surface, pale greenish yellow where sericitisied, indistinct scattered quartz and anhedral white feldspar phenocrysts in a fine grained, massive matrix plus radiating aggregates of muscovite after biotite 5%. Trace disseminated fine grained pyrite, plus or minus Mo.
581215	370691	6714176	1429.1	Quartz Feldspar Porphyry with 1-3cm quartz veins of associated k-feldspar, not a function of surface weathering or rust. Within veins and Quartz Feldspa Porphyry Mo along selvages, clots and disseminated pyrite (2%) within veins and Quartz Feldspar Porphyry.
CS015 CS023	N/A			Preliminary Overview of Area - Dominated by Granodiorite, interleaved with foliated greenstone locally. Both crosscut by felsic dykes of Quartz Granodiorite (often distingushable from a distance by more intense rusty weathering). Dykes ~E/W orientation but contacts unexposed and not measurable. Mineralisation is concentrated in and proximal to dykes. KS samples 581216 - 581218 from same area.
581282	371648	6713817	1474.8	NE bank up stream from CS021. Boulder field of rounded to subrounded grey granodiorite and foliated greenstone are next to bright red - purple weathered massive greenstone. Massive, fine grained. Quartzofelspathic with 5% pyrite clusters. Unit appears to continue across creek and exposed on SW bank, see photo 581282, facing SW rusty unit continues across creek to opposite bank, oulder field in foreground.
581284	371615	6713845	1473	5m downstream from CS022. Foliated greenstone, foliations (65/170) perpendicular to jointing. Silicic alteration (pale blueish grey) is parallel/ lines joint and distroys original fabric and has an undulating edge. Associated pyrite clusters (10%).
CS015	371565	6713537	1442.3	In upper creek (eastern tributary to main creek of property). Orange sandy banks on either side, steep. South side of upper creek limited outcrop (100x50cm) of Granodiortie. Grey pale weathering, white/ offwhite fresh surface, quartz rich (40%) subhedral and up to 4mm, feldspar euhedral, tabular (40%, 4mm) and clay altered near the surface, biotite subhedral (2mm, 15%), amorphous clusters of Pyrite (trace-1%). Sample cs015. Photo CS015-1, facing NE sample in situ (not orientated, broke during extraction). CS015-2, facing NE depicts creek and ornge sandy bank. 371556E 6713579N opposite bank from cs015, frost jacked granodiorite of same description in pale orange sandy soil (direct weathering product of rock).
CS016	371585	6713581	1440.2	W side of creek, close to water. Foliated Greenstone limited outcrop (20x30cm). 10% pyrite stringers parallel to foliation (semi-massive in places). No measurable surface but estimate foliation to be 40/175. Talus samples, believed to be a local source CS016 - 1 felsic dyke cross cutting perpendicular to foliation. CS016-2 Granodiorite contact with felsic dyke. Granodiorite contains trace magnetite. INTERPRETATION - Felsic dyke cross cuts greenstone and granodiorite in area and could be facilitating pyrite deposition?

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Description
Station	UTME	UTMN	Z	
CS017 581279 581280	371566	6713606	1445.9	One of the largest outcrop exposures, west bank of creek. Quartz feldspar intrusive outcrop and talus (about 5m across) next to outcrop and talus of granodiorite (to the N), no contact exposed, however Quartz feldspar intrusive becomes more deformed and limonitic towards N, minimal foliated greenstone in talus. Quartz granodiorite is white and creamy, weathers pale grey and pinkish with localised rusting. Pyrite clusters and disseminated locally and in deformaed section (5%), 20% Quartz and 30% Feldspar phenocrysts up to 5mm in a 40% quartzofeldspathic groundmass, 5% mafics 0.5mm, sample 581279. Deformed section - brown grey, weathers rusty orange with manganese along fracture surfaces, quartz and felspar phenocrysts (30-40%), fine grained groundmass with small rusty specs, suspect weathered biotite and pyrite (70%). Sample 581280. The outcrop is folded as seen in photo CS017 West facing, deformed Quartz feldspar intrusive.
CS018	371567	6713630	1451	South along bank from CS017. Outcrop 100x40cm. Foliated greenstone. Dark grey, occasional mm scale white bands (10%), fine grained dark bands with white specs (60% mafic, 40% felsic) foliated on this mm scale, though not as well formed as CS008. Micas define foliation, dominantly biotite. No measurable surfaces.
CS019	371558	6713657	1456	On plateau just above slope and upstream of CS018. Foliated Greenstone, outcrop 50x50cm, dark grey, weathers pale grey/ brown. Foliation is sronger than cs018. Felsic bands are more defined too (30%). Localised areas very quartz rich (up to 40%) where resemble Biotite quartzite of CS011. foliation 90/350. Orientated sample (64/234 and 90/350). Photo CS019, facing SW shows orientated foliated greenstone sample in situ.
CS020	371568	6713662	1462.5	Diorite outcrop 30x30cm. Dark grey green with white specs, weathers pale grey to orange. White specs are dominantly anhedral feldspar weakly chlorite altered (10% 1mm), Rusty orange specs 1mm ?biotite? (5%), fine grained groundmass feldspathic and micaceous (80%), 1% localised sulphides, sample cs020.
CS021 581281	371596	6713764	1474.8	Between cs020 and cs021 along creek are no outcrops but two orange sandy banks exposed, the second of which had sporadic chunks of Quartz feldspar porphyry and no other rock. Quartz (0.5cm) and feldspar (up to 1cm) phenocrysts in a fine grained ground mass (40%), 1% disseminated sulphides. At CS021 Granodiorite similar to the porphyry description above but dirtier plus 3-4mm iotite (5%) and pyrite stringers and clusters (5%). More intensly altered sections have dark brown to purple/ irridescent and yellow interstial groundmass to quartz and feldspar phenocrysts (30-40%). Sample 581281 is of altered Granodiorite.
CS022 581283	371615	6713858	1478.4	20m of o/c and rubble on SW bank described in 581282 and seen in photo 581282. All weathers rusty orange - purple with yellow patches along fractures. Massive greenstone dark grey with purply tinge, fine grained with 1mm visible feldspar, anhedral (10%), 1mm subhedral biotite 2%, fine grained pyrite clusters 1%. Sampled cs022. Heavily jointed with 10cm quartz vein parallel to joints. 581283 samples quartz vein. Jointing 89/082, spaced 5-10cm. Granodiorite dyke 30cm wide also intrudes along this jointing. Some localised jointing perpendicular to this. SUMMARY - Intercalated foliated, massive greenstone and Granodiorite is cross cut by Quartz Granodiorite and Quartz veins (approximately parallel to jointing) which concentrate the mineralisation but not exclusively. OVERALL (favourale conclusion!) - Suspect foliated greenstone overlies the granodiorite, porperty wide, and is cross cut by variousl felsic and dioritic dykes. We are seeing the top of the system exposed with the main intrusive body.
CS023	371276	6713676	1411.3	Granodiorite felsenmeer patch within base of main property valley, near creek. Dirty brown/ pinky grey, weathers pale grey. 5mm Quartz phenocrysts (15%), 3mm feldspar phenocrysts (15%), fine grained feldspathic, micaceous ground mass. Sample CS023. 581210 - Granodiorite felsenmeer (KS). 371228E 6713832N and 371216E 6713856N mark more felsenmeer patches and the latter has many more within the surrounding area. 371097E 6713969N Diorite felsenmeer begins and further downstream greenstone felsenmeer. INTERPRETATION - mark approximate end of Granodiorite body at or just below the surface.

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Description
Station	UTME	UTMN	Z	
581216	371538	6713534	1439	Same location as K948507. Granodiorite step, sample is strongly sericitised, disseminated and fracture fill and crusts of pyrite (up to 10%), arsenopyrite assumed by alteration.
581217	371538	6713534	1439	Same location as 581216. Fresh Granodiorite. Light grey to pale ornage, brown weathering, euhedral biotite phenocrysats (3mm, 10%), trace hornblende phenocrysts (<2mm), greenish beige to white, 5mm plagioclase and clear to grey quartz subhedral 5mm. Trace-1% fine grained disseminated pyrite, weak clay alteration.
581218	371527	6713531	1436.3	Same location as 581216. Discontinuous chip sample across 3m rubblecrop, rusty orange weathering, strong sericitisation, 10% fracture fill and disseminated pyrite and arsenopyrite. Light brown patches between rubble is granodiorite.
581219	371454	6714065	1512.7	Bank of N-S swale rubble crop. Strongly limonitic, bleached, sericitised greenstone, sharp breaking. Remnant crusts, fracture fill pyrite, plus or mins arsenopyrite (up to 20%). Hand sample is a poor representation. Outcrop and rubble of hornfelsed sediments and greenstones are variably rusty. Occasionl float of Quartz feldspar porphyry and quartz vein on swale floor.
581220	371459	6714079	1513.5	Same swale as 581219 rusty, vuggy pyrite rich, sharp breaking quartz vein talus within grey weathering greenstone/ metasedimentary talus.
581221	371479	6714116	1516.8	Same swale as 581219, hornfels step, disseminated and fracture coatings of pyrite up to 10%, trace arsenopyrite and chalcopyrite.
581222	371468	6714164	1524	As 581221, with veinlet stringers of pyrite.
581223	370230	6715179	1404.1	White coarse grained, minor limonitic quartz vein chip sampled, 7cm wide, 104/70 small step poking out of moss.
581224	370230	6715179	1404.1	Greenstone? Wall rock of vein 581223. Chip sample 5cm each side of vein. Very rusty, sericitised. Gneiss bands 150-56
581225	369988	6715052	1545.4	2mm coarse grained pyrite veinlet in medium grained diorite, step in talus with minor barren quartz vein float.
581226	369861	6714730	1679.5	Notch in top of ridge, sampled fault gouge with quartz, plus or minus, feldspar, plus or minus, carbonate cataclasite talus in surrounding diorite/ greenstone.
581227 K948560	370171	6714056	1675.9	K94860 Supposed to be GR11 with 0.2g Au. Diorite with pyrite, chalcopyrite and arsenopyrite stringers <10%. Trace malachite.
581228	370169	6714066	1670.6	Same as K9485?? Sulphide rich quartz vein in diorite. Pyrite, plus or minus, arsenopyrite, plus or minus, chalcopyrite <10%
581287	371056	6714700	1527.6	see CS024

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Description
Station	UTME	UTMN	Z	
581288	371329	6714349	1545	Photo 581288, facing NW, rusty felsic dyke foreground, diorite grey skyline, separated by the break in slope and gully (structural?). Rusty rubble patch surrounds 100x50cm outcrop of felsic dyke. Massive fine grained, palegrey to white, weathers rusty red-orange, feldspathic, 20% disseminated and clustered pyrite plus a flakey blueish silvery purple sulphide, Ga/ Mo? trace. Sample 581288. Host rock - greenstone, pale grey, weathers pale beige/ brown, fine- medium grained 1mm, massive quartz and feldspar (60%). Mafics and interstitial finegrained dark grey groundmass (40%), rusted out disseminated pyrite 1%. Contact not exposed but exposure of each unit within 30cm of each other. appear to contact parallel to cm scale jointing in both units (72/002).
CS024 581286	371047	6714711	1526.2	NE of camp just above KS swale in cliffs which line the edge of the plateau. Photo CS024-1, facing NE Whole cliffy outcrop of greenstone, diorite crosscut by felsic dykes. Photo CS024-2, facing NE zoom in on felsic dyke in foreground of CS024-1. 3m of outcrop of Quartz felsic dyke, creamy white, weathers opaque white with orange. Quartz phenocrysts up to 5mm sub-anhedral (10%). Trace magnetite, black, faceted 1mm, 1% <1mm, rusty remnant or whole disseminated and clustered pyrite. 80% fine grained quartzofelspathic groundmass similar to CS017. Sample 581286. Jointed parallel to strike of dyke spacing 5 - 50cm (86/089). Wall rock, foliated greenstone, no contact exposed no measurable surface but estimate (316/ 88?). Fine grained dark bands (60%), Light (40%) as described previously. 1% disseminated pyrite sample 581287 (sampled because 2012 greenstone wall rocks of this area good grade).
CS025	371212	6714572	1568.3	Where plateau begins to form slope, in a small ditch, Quartz Diorite (named due to its closeness in apperance and composition to untis preiviously names coarse diorite, however, contains 10% anhedral quartz phenocrysts up to 5mm). Black/ green and white specled apperance, weathers dark grey. Feldspar anhedral up to 3mm (10%),Hornblende subhedral (20%), fine grained dark grey groundmass (50%). No foliation or preferred mineral orientation, sample CS025.
CS026	371216	6714536	1568.5	SE from CS025, Diorite becomes finer grained in talus. At CS026 Quartz Vein and proximal host rock is pyrite mineralised 10% (disseminated). Associated moderate cholrite alteration of hornblende and chlorite found in vein. Sample CS026
CS027	371254	6714485	1570.4	SE from CS026, Quartz Diorite has 5mm, 5-10% quartz crystals (blueish transluenct, anhedral, concoidal fractures and a hardness <9). 1m section has quartz and feldspar phenocrysts up to 2mm in a dark grey fine grained groundmass, a localised coarse porphyritic quartz diorite. Overall 20m section of outcrop and talus of diorite and clear granodiorite (not seen in outcrop) across the ridge. Sample CS027-1 (Quartz Diorite) CS027-2 (porphyritic quartz diorite).
CS028 581289	371357	6714277	1536	Between 581288 and CS028 rubble greenstone. After ditch contact between rusty altered massive greenstone and felsic dyke (photo CS028, facing E). Localised diorite in greenstone outcrop (Interpretation - greenstone may be fine grained diorite?) Felsic dyke sample CS028, creamy pinky white, weathers orangy white, fine grained, massive, quartz, feldspar and remnant 2% pyrite. Host rock, sampled 581289, dark grey/green, weathers rusty orange- purple, fine grained, massive likely quartzofeldspathic, disseminated pyrite 5% along contact zone. Contact approximately E/W and fairly sharp. 68/314 jointing is sub parallel to contact.
CS029	371152	6714596	1569.9	S edge of outcrop dipicted in photo CS024. Foliated greenstone cut by felsic dyke oblique to foliation. White with a trace rusty remnant pyrite, weathers opaque white and locally pale orange. Coarse 4mm feldspar phenocrysts visible (10%), fine grained groundmass (no modal abundances but suspect quartz and feldspar). No strong alteration or mineralisation in association with dyke. Sample CS029. 34/290 approximate dyke contact, 62/144 foliation, 60/036 foliation at 371150E 6714638N (oth on poor surfaces but suggests folding on a meter scale).

GROMMET 2013- Geological data

Location (NAD83 Zone 9N)				Description
Station	UTME	UTMN	Z	
				smaller dykes of same composoition and orientation in foliated greenstone in outcrop between CS029 and CS030. Outcrop to the right of CS030 - Photo CS030-1, facing NW, large cliff of foliated greenstone cut by multiple felsic dykes parallel to foliation. Photo CS030-2 shows dyke parallel to foliation close up. Foliation 72/254. Dykes range from 2-50cm wide. Rounded quartz and subhedral feldspar crystals visible in bright white dykes (photo CS030-1) and in creamy white dykes not parallel to foliation. Dykes parallel to foliation show little evidence of mineralisation (sample cs030-3). Dykes which cross cut foliation are 90% fine grained felsic groundmass with 1% remnant rusty sulphides (sample cs030-1 and cs030-2). Mineralisation also evident in contact country rock with 2% pyrite stringer and clusters and rusty weathering (photo cs030-3). Photo CS030-3, facing NE dyke and rusty mineralised greenstone. 88/320 pervasive jointinng on cm scale in outcrop of photo 3. Photo CS030-4, facing N localised folding and parasitic folding of foliation in greenstone. Photo CS030-5, facing NE shows dyke (creamy not parallel to foliation) contact with Greenstone at CS030. At 371142E 6714656N foliated greenstone with dark grey weathering, contact with Diorite, beige weathering (20% suhedral feldspar in a fine grained dark grey groundmass) the two units are intercalated on a meter scale.
CS030	371107	6714692	1561.1	
CS031	371098	6714719	1573.1	Contact etween diorite and greenstone (not parallel to recessive strips of no outcrop and resistant strips of outcrop as might expect). Strips run NE/SW and contact is approximately E/W. CS031-1 grrenstone, finegrained, massive, dark grey-green, rusts intensly further away from contact (Interpretation diorite not causing mineralisation?). cs031-2 diorite, 2mm anhedral feldspar 20%, dark grey groundmass (80%), 1mm pyrite 1% is near contact but not rusty.
CS032	371118	6714753	1586.5	Diorite outcrop, 1% disseminated pyrite, sample CS032. Talus train below rich in granodiorite. 371112E 6714763N small outcrop of diorite in recessive strip betweeb CS032 and here. Greenstone dark green, very fine grained and massive. Greenstone and diorite interfinger on cm to m scale within the outcrop. Diorite can have pale white weathering on surface and appear like a felsic dyke in places, although is clearly not on fresh surfaces.
CS033	371115	6714777	1591.3	Photo CS033, facing west, mixing of coarse (0.5 - 1cm) and fine grained (1mm) quartz diorite in outcrop. Not banded, free form.
CS034	371093	6714874	1595.7	Between cs033 and cs034 further evidence of rusty felsic dykes in talus and outcrop of diorite/ greenstone. Felsic dyke outcrop is poorer than further south. At CS034 sample cs034 shows banding of finer grained quartz diorite and coarser grained granodiorite (up to 1cm) on a cm scale in outcrop. Proximal outcrop is foliated greenstone. INTERPRETATION SUMMARY for CS024-CS034 Intercalated granodiorite, diorite and greenstone, cut by felsic dykes. Mineralisation is concentrated in localised areas with no clear reason and along contacts of dykes within the country rock. Often trace background pyrite in greenstone.
581229	371143	6713750	1411.1	Quartz Vein Float at break in slope. Semi massive, fine grained pyrite and arsenopyrite, minor chalcopyrite.

APPENDIX V. SAMPLE DESCRIPTIONS

Grommet 2013
SAMPLE TRACKING SHEET
UTM Zone 9N

Sample #	Sampler	Shipment	Certificate	UTME	UTMN	Type	Description	PPB 2 Au	PPB 3 Pt	PPB 2 Pd	PPM 1 Mo	PPM 1 Cu	PPM 3 Pb	PPM 1 Zn	PPM 0.3 Ag	PPM 1 Ni	PPM 1 Co	PPM 2 Mn	% 0.01 Fe	PPM 2 As	PPM 2 Au	PPM 2 Th	PPM 1 Sr	PPM 0.5 Cd	PPM 3 Sb
581201	KS	GR-13-01	WH13000255	370969	6714769	G	Float sample, mid SW facing slope, approximate location of 2012 Au soil occurrence. Sample of vein rubble from a SE-NW swale floored by felsenmeer comprised of diorite, metasediments and vein rubble. Vivid rusty quartz vein, ~4cm wide and crosscutting a 5cm diorite dykelet. Locally saccharoidal and blocky white on one side of dyeklet which crosscuts oblique to massive grey quartz on the other side. Fine grained fractures may contain Mo? Photo 581201c - Weakly foliated Quartz Diorite with crosscutting quartz/ serecite/ K-feldspar veinlets (up to 2mm). 581201a looking SE along Swale. 581201b looking NW along Swale.	1.5	1.5	5	2	59	1.5	3	0.15	2	4	74	1.01	2	3	1.5	4	0.25	1.5
581202	KS	GR-13-01	WH13000255	370986	6714745	G	Float sample, mid SW facing slope, below small outcropping cliffs, in a swale. Quartz Diorite crosscut by several pyrite bearing quartz veinlets. Weakly foliated with minimal alteration.	1.5	1.5	6	0.5	20	1.5	12	0.15	4	5	154	1.14	1.5	1.5	1.5	8	0.25	1.5
581203	KS	GR-13-01	WH13000255	371013	6714713	G	Float sample, mid SW facing slope, below small outcropping cliffs, in a swale. Greenstone Metavolcanic? Dark grey, maroon weathering, very tough rock, breaks sharply. Massive fine grained. Contains clasts, disseminated and stringers of pyrite, up to 5%.	1.5	1.5	1.5	0.5	109	3	32	0.15	27	22	353	3.64	1.5	1.5	1.5	14	1.2	1.5
581204	KS	GR-13-01	WH13000255	370641	6714228	G	Talus/ Felsenmeer sample. Quartz feldspar porphyry/ grandiorite weakly porphyritic. Massive creamy coloured when fresh, yellow and rusty weathering. Translucent grey, subhedral quarts phenocrysts (~25%) up to 3mm, Dullwhite to light grey, altered? anhedral to subhedral feldspars (70%), remnant biotite altered to serecite, plus or minus, muscovite. 2-3% crusts and clots of arsenopyrite and pyrite, fine to med grained in a field of light grey weathering. Granodiorite has variable cross cutting quatrz veins up to 2cm, usually barren but some pyrite stringers and traces of Mo. This field extends 30m uphill and to the NW.	4	1.5	1.5	6	32	15	2	1	3	9	38	3.69	11	1.5	7	4	1.2	6
581205	KS	GR-13-01	WH13000255	370626	6714212	G	As above (581204), semi-massive to vein stringers arsenopyrite 5%, trace pyrite. Moderate serecite and clay alteration.	1.5	1.5	1.5	6	22	6	26	0.15	0.5	0.5	54	1.03	3	2	18	4	0.25	1.5
581206	KS	GR-13-01	WH13000255	370625	6714215	G	Typical blocky talus adjacent to 581205. Quartz porphyritic Granodiorite. Buff to pale green brown, grey to pale orange weathering. Quartz eyes transucent grey, sub-ehedral, up to 4mm (~30%) in a slightly finer grained, sericite and clay altered feldspar matrix. Minor biotite books partially altered to muscovite, trace hornblende? <1mm rusty fractures with open space quartz crystals. Trace disseminated pyrite and pits in crosscutting quartz veins (up to 2cm) at the top of talus train.	1.5	1.5	5	78	35	53	11	4.5	2	0.5	226	0.7	1.5	1.5	16	7	0.25	3
581207	KS	GR-13-01	WH13000255	370910	6714221	G	Felsenmeer boulders in creek. Quartz vein material. Semi-massive arsenopyrite and pyrite (up to 30%). Other boulders include meta sediments and unaltered granodiorite.	404	1.5	1.5	172	6	439	0.5	1.1	10	17	57	3.14	226	1.5	1.5	3	1	39
581208	KS	GR-13-01	WH13000255	371018	6714092	G	Light grey to buff weathering, pale green quartz feldspar porphyry. Indistinct where felspar and minor euhedral grey quartz phenocrysts are in groundmass. Trace - 1% disseminated pyrite. E side of creek felsenmeer field (3x15m) ~70% metasediments (gneissic), 20% unaltered granodiorite and 10% quartz vein material (barren to very rusty).	3	1.5	1.5	21	23	9	15	0.15	1	1	114	0.78	1.5	1.5	19	11	0.25	1.5
581209	KS	GR-13-01	WH13000255	371024	6714083	G	South end of same felsenmeer field as 581208, Quartz vein material, vuggy, rusty, pyrite and arsenopyrite, up to 5%	3	1.5	1.5	20	50	1.5	3	0.4	2	0.5	50	1.74	5	1.5	1.5	2	0.6	1.5
581210	KS	GR-13-01	WH13000255	371270	6713709	G	Small (1x3m) wet felsenmeer of biotite granodiorite, massive coarse grained, weakly sericitic. Disseminated fine grained pyrite, plus or minus chalcopyrite (up to 2%). White feldspar prominent on pale grey to orange weathered surfaces.	1.5	1.5	1.5	3	71	5	39	0.4	4	3	453	1.41	1.5	1.5	18	32	0.6	1.5

Grommet 2013
SAMPLE TRACKING SHEET
UTM Zone 9N

Sample #	Sampler	Shipment	Certificate	UTME	UTMN	Type	Description	PPB 2 Au	PPB 3 Pt	PPB 2 Pd	PPM 1 Mo	PPM 1 Cu	PPM 3 Pb	PPM 1 Zn	PPM 0.3 Ag	PPM 1 Ni	PPM 1 Co	PPM 2 Mn	% 0.01 Fe	PPM 2 As	PPM 2 Au	PPM 2 Th	PPM 1 Sr	PPM 0.5 Cd	PPM 3 Sb
581211	KS	GR-13-01	WH13000255	371562	6713578	G	Rubblecrop on west side of upper creek. Greenstone in contact with porphyritic felsite Rusty, blocky weathering with silici and moderate chlorite alteration. Felsite buff medium grained with trace of disseminated fine grained pyrite. Greenstone has cross cutting, weakly bleached micro veins with pyrite. Also pyrite fracture coatings? (5-10%) with fine grained silvery sulphides Mo? Galena? (1-2%).	1.5	1.5	1.5	714	142	1.5	16	0.15	37	26	288	2.56	1.5	1.5	2	22	1.2	6
581212	KS	GR-13-01	WH13000255	371506	6713526	G	Float in creek. Pyrite rich (10%) contact between foliated dioritised greenstone and serecitic granodiorite. Quartz feldspar porphyry trace chalcopyrite, plus or minus, arsenopyrite.	1.5	1.5	1.5	23	71	5	12	0.15	8	0.5	243	1.95	1.5	1.5	6	7	0.25	1.5
581213	KS	GR-13-01	WH13000255	370727	6714142	G	30-40cm Quartz vein boulder in talus of granodiorite and diorite. White to pale light grey anhedral to subhedral coarse grained quartz. Weathers rusty on surface and along open space fractures, clots and stringers of 2mm Mo. Trace - 1% fine grained pyrite and trace chalcopyrite. Quartz boulders of this type, plus or minus mineralisation common along slope and uphill.	1.5	1.5	1.5	69	4	1.5	0.5	0.15	0.5	0.5	38	0.5	1.5	1.5	1.5	0.5	0.25	1.5
581214	KS	GR-13-01	WH13000255	370706	6714162	G	Quartz Feldspar Porphyry as defined by Holland (1981) Beige weathering, locally vuggy close to weathered surface which are lined with dark brown earthy crusts, creamy to pale grey on fresh surface, pale greenish yellow where sericitisied, indistinct scattered quartz and anhedral white feldspar phenocrysts in a fine grained, massive matrix plus radiating aggregates of muscovite after biotite 5%. Trace disseminated fine grained pyrite, plus or	1.5	1.5	1.5	7	11	1.5	9	0.15	2	0.5	398	0.64	1.5	1.5	16	56	0.25	1.5
581215	KS	GR-13-01	WH13000255	370691	6714176	G	Quartz Feldspar Porphyry with 1-3cm quartz veins of associated k-feldspar, not a function of surface weathering or rust. Within veins and Quartz Feldspa Porphyry Mo along selvages, clots and disseminated pyrite (2%) within veins and Quartz Feldspar Porphyry.	1.5	1.5	1.5	30	89	17	58	0.7	4	4	339	1.35	1.5	3	17	50	1.1	1.5
581216	KS	GR-13-01	WH13000255	371538	6713534	G	Same location as K948507. Granodiorite step, sample is strongly sericitised, disseminated and fracture fill and crusts of pyrite (up to 10%), arsenopyrite assumed by alteration.	1.5	1.5	1.5	7	107	109	12	3.5	5	6	675	2.25	1.5	1.5	17	23	0.9	1.5
581217	KS	GR-13-01	WH13000255	371538	6713534	G	Same location as 581216. Fresh Granodiorite. Light grey to pale ornage, brown weathering, euhedral biotite phenocrysats (3mm, 10%), trace hornblende phenocrysts (<2mm), greenish beige to white, 5mm plagioclase and clear to grey quartz subhedral 5mm. Trace-1% fine grained disseminated pyrite, weak clay alteration.	1.5	1.5	1.5	48	63	4	40	0.15	4	2	410	1.23	1.5	2	17	63	0.25	1.5
581218	KS	GR-13-01	WH13000255	371527	6713531	G	Same location as 581216. Discontinuous chip sample across 3m rubblecrop, rusty orange weathering, strong sericitisation, 10% fracture fill and disseminated pyrite and arsenopyrite. Light brown patches between rubble is granodiorite.	1.5	1.5	1.5	10	33	5	4	0.4	0.5	0.5	75	1.11	3	2	12	8	0.25	1.5
581219	KS	GR-13-01	WH13000255	371454	6714065	G	Bank of N-S swale rubble crop. Strongly limonitic, bleached, sericitised greenstone, sharp breaking. Remnant crusts, fracture fill pyrite, plus or mins arsenopyrite (up to 20%). Hand sample is a poor representation. Outcrop and rubble of hornfelsed sediments and greenstones are variably rusty. Occasionl float of Quartz feldspar porphyry and quartz vein on swale floor.	1.5	1.5	1.5	5	73	1.5	17	0.15	3	2	237	3.02	1.5	1.5	16	18	1.5	1.5
581220	KS	GR-13-01	WH13000255	371459	6714079	G	Same swale as 581219 rusty, vuggy pyrite rich, sharp breaking quartz vein talus within grey weathering greenstone/ metasedimentary talus.	6	1.5	1.5	51	152	14	8	1.4	4	8	69	3.49	3	1.5	1.5	0.5	1.2	1.5
581221	KS	GR-13-01	WH13000255	371479	6714116	G	Same swale as 581219, hornfels step, disseminated and fracture coatings of pyrite up to 10%, trace arsenopyrite and chalcopyrite.	1.5	1.5	1.5	2	60	6	52	0.15	1	4	559	4.02	1.5	1.5	13	11	1.4	4
581222	KS	GR-13-01	WH13000255	371468	6714164	G	As 581221, with veinlet stringers of pyrite.	1.5	1.5	1.5	2	161	1.5	23	0.15	4	9	333	3.75	1.5	1.5	15	11	1.3	1.5
581223	KS	GR-13-01	WH13000255	370230	6715179	G	White coarse grained, minor limonitic quartz vein chip sampled, 7cm wide, 104/70 small step poking out of moss.	1.5	1.5	1.5	0.5	9	1.5	0.5	0.15	2	2	136	0.62	1.5	1.5	1.5	0.5	0.25	1.5

Grommet 2013
SAMPLE TRACKING SHEET
UTM Zone 9N

Sample #	Sampler	Shipment	Certificate	UTME	UTMN	Type	Description	PPB 2 Au	PPB 3 Pt	PPB 2 Pd	PPM 1 Mo	PPM 1 Cu	PPM 3 Pb	PPM 1 Zn	PPM 0.3 Ag	PPM 1 Ni	PPM 1 Co	PPM 2 Mn	% 0.01 Fe	PPM 2 As	PPM 2 Au	PPM 2 Th	PPM 1 Sr	PPM 0.5 Cd	PPM 3 Sb
581224	KS	GR-13-01	WH13000255	370230	6715179	G	Greenstone? Wall rock of vein 581223. Chip sample 5cm each side of vein. Very rusty, sericitised. Gneiss bands 150-56	83	1.5	1.5	12	142	65	15	2	13	13	254	4.03	3	1.5	8	3	1	1.5
581225	KS	GR-13-01	WH13000255	369988	6715052	G	2mm coarse grained pyrite veinlet in medium grained diorite, step in talus with minor barren quartz vein float.	1.5	1.5	1.5	59	111	1.5	37	0.15	10	16	406	4.44	1.5	1.5	1.5	108	1.9	4
581226	KS	GR-13-01	WH13000255	369861	6714730	G	Notch in top of ridge, sampled fault gouge with quartz, plus or minus, feldspar, plus or minus, carbonate cataclasite talus in surrounding diorite/ greenstone.	12	1.5	1.5	2	4	3	3	0.15	1	2	4012	4.62	31	1.5	1.5	126	2.3	4
581227	KS	GR-13-01	WH13000255	370171	6714056	G	K94860 Supposed to be GR11 with 0.2g Au. Diorite with pyrite, chalcopyrite and arsenopyrite stringers <10%. Trace malachite.	56	1.5	13	3	2312	1.5	63	2.1	16	36	482	6.94	3	1.5	1.5	20	3	6
581228	KS	GR-13-01	WH13000255	370169	6714066	G	Same as K9485?? Sulphide rich quartz vein in diorite. Pyrite, plus or minus, arsenopyrite, plus or minus, chalcopyrite <10%	8	1.5	9	0.5	280	1.5	19	0.4	5	11	243	3.45	1.5	1.5	1.5	7	1.3	1.5
581229	KS	GR-13-01	WH13000255	371143	6713750	G	Quartz Vein Float at break in slope. Semi massive, fine grained pyrite and arsenopyrite, minor chalcopyrite.	2	1.5	5	98	298	1.5	9	1.6	56	26	108	6.78	3	1.5	1.5	2	2.1	1.5
581251	CS	GR-13-01	WH13000255	370516	6715289	G	Valley Bottom, downstream of Beaver Pond. Greenstone - Dark grey/green, weathers light grey, weak foliation defined by Biotite (20%), local elongate feldspathic lenses (10%), feldspar (60%) fine grained <1mm, original fabric destroyed. Structural measurements unreliable due to slumping, approximate foliation trend N/S. Little or no alteration or mineralisation.	1.5	1.5	1.5	0.5	49	1.5	31	0.15	28	15	398	2.56	1.5	1.5	1.5	24	1.3	1.5
581252	CS	GR-13-01	WH13000255	373113	6712931	G	High plateau near small creek, Float sample (~30cm diameter). Greenstone, dark grey, weathers pinky orange. Fine grained <1mm Feldspar (60%), mafics (30%), 1 - 2% Sulphide remnants concentrated in magnetic stringer veins <1mm - ?pyrrhotite? and disseminated pyrite.	1.5	1.5	1.5	1	48	1.5	31	0.15	34	16	500	3.33	1.5	1.5	1.5	12	1.9	4
581253	CS	GR-13-01	WH13000255	373090	6712868	G	High plateau near small creek, Float sample (~30cm diameter). Fine grained mafic. Black, weathers rusty brown. Distinguishable feldspar and biotite crystals (<0.5mm) (20%), disseminated remnant sulphides 1%.	1.5	1.5	1.5	1	32	1.5	72	0.15	82	27	808	4.69	1.5	1.5	1.5	106	1.8	1.5
581254	CS	GR-13-01	WH13000255	369737	6715283	G	Rusty ridge top, NE end of property. Quartz vein in granodiorite and greenstone, cloudy white, blocky weathering orange. Vein ~5m wapparent thickness, 90% medium grained, 2mm quartz and 1-2% disseminated pyrite, often cubic (0.5mm). Contact with host rock not clear cut but steep, evidence of localised vein breccias. General strike of vein ENE/WSW, contact ~68/104 (Dip/ Strike Right Hand Rule). Photo 581254 facing NE shows vein location within Granodiorite, obscured by lichen. Host rock sampled and described in 581255.	1.5	1.5	1.5	1	42	5	9	0.15	2	4	167	1.07	3	5	3	6	0.25	1.5
581255	CS	GR-13-01	WH13000255	369737	6715280	G	Ridge top similar location to 581254. Sampled Granodiorite and greenstone host rock to vein sampled in 581254. Granodiorite dark grey - black with white specs, weathers rusty orange. 40% mafic Hornblend and Biotite, 30% feldspar and 20% quartz. Medium - coarse grained 2mm crystals. Weak foliation localised. Greenstone dark grey/ greenyblack, weathers rusty orange, very fine grained (no modal abundances). Both have disseminated pyrite and stringers at 1-2-%. Unclear where Granodiorite ends and Greenstone begins, unsure if separate untis, possible that seeing pockets of one within the other?	3	4	4	2	62	10	63	0.15	44	23	564	5.19	4	1.5	1.5	65	0.25	1.5
581256	CS	GR-13-01	WH13000255	369729	6715299	G	Ridge Top. Further sampling of granodiorite and greenstone as described in 581254. 1-2% disseminated pyrite.	1.5	4	4	4	88	6	44	0.15	19	15	434	3.41	5	1.5	2	56	0.25	1.5
581257	CS	GR-13-01	WH13000255	369729	6715299	G	Ridge Top, same location as 581256. Granodiorite, dark grey, weathers rusty orange, 20% medium grained quartz (2-3mm) with interstitial finer grained feldspathic (not porphiritic), 4% disseminated pyrite and pyrite stringer veins. Photo 581257 facing SW depictss outcrop of rusty Granodiorite.	3	1.5	2	1	99	4	63	0.15	20	19	496	4.79	3	1.5	1.5	99	0.25	1.5

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Sample #	Sampler	Shipment	Certificate	UTME	UTMN	Type	Description	PPB 2 Au	PPB 3 Pt	PPB 2 Pd	PPM 1 Mo	PPM 1 Cu	PPM 3 Pb	PPM 1 Zn	PPM 0.3 Ag	PPM 1 Ni	PPM 1 Co	PPM 2 Mn	% 0.01 Fe	PPM 2 As	PPM 2 Au	PPM 2 Th	PPM 1 Sr	PPM 0.5 Cd	PPM 3 Sb
581258	CS	GR-13-01	WH13000255	369798	6715219	G	Alpine Mid Slope, E Aspect, gentle. No outcrop, float sample from scree. Granodiorite is dominant in scree. 'Salt and pepper' apperance 60% felsic, 40% mafic, weathers grey and localised orange. 1% disseminated and globular pyrite and chalcopyrite. Very weak foliation beginning to form.	1.5	4	4	13	111	3	26	0.15	4	13	298	3.25	1.5	1.5	1.5	92	0.25	1.5
581259	CS	GR-13-01	WH13000255	370221	6714929	G	Alpine Mid Slope, E Aspect, gentle. No outcrop, float sample from scree. Granodiorite is dominant in scree, however sampled fine grained (< 1mm) greenstone, too fine grained for modal abundances. Dark grey/ green, weathers orange and light grey. Multiple crosscutting mm scale quartz veins. Disseminated Pyrite and concentrated in stringer veins (~1-2%).	1.5	1.5	1.5	0.5	106	1.5	26	0.15	20	14	322	3.14	1.5	1.5	1.5	107	0.25	1.5
581260	CS	GR-13-01	WH13000255	370696	6714210	G	Float Sample up slope from main showing. Quartz Granodiorite. White cloudy, weathers rusty orange pervasively. Coarse grained (2-5mm) uhedral smokey quartz (35%), opaque white feldspar appreas interstitial to quartz, finer grained (40%), coarse 2-5mm black biotite (15%), disseminated , clustered and stringer pyrite (up to 2mm and 4%), blueishtinge in places could be hints of Mo? and yellow weathering Arsenopyrite? Minimal sericite alteration	1.5	1.5	1.5	335	144	6	5	0.6	1	4	54	1.63	1.5	1.5	10	12	0.25	1.5
581261	CS	GR-13-01	WH13000255	370696	6714210	G	Float sample up slope from main showing. Porphyritic felsite. Bright white, weathers beige/ yellow with a red rinde and localised manganese surface staining. 85% quartz, 1-3mm crystals with concoidal fracturing evident, anhedral smokey and white. 10% feldspar greenish yellow serecite alteration limited, 1-2mm crystals. 1-2% muscovite <1mm. fine grained pyrite <1%	1.5	1.5	1.5	3	5	10	4	0.15	0.5	0.5	60	0.4	6	1.5	13	5	0.25	1.5
581262	CS	GR-13-01	WH13000255	370477	6714133	G	Mid slope, steep NE aspect to the Southof camp. Mixture of Talus and subcrop. Talus is a mixture of greenstone and granodiorite. Sampled subcrop vein material (medium grained 1-2mm) within a fine grained, massive dark grey greenstone. Both weather rusty red with Manganese surface staining and quartz vein weathers yellow where sulphides are concentrated. 5% pyrite clusters (up to 1mm) and line the vein contact selvage. Blueish sliver Mo trace and irridescent weathering of some sulphides may suggest Cu minerals? Photo 581262 - facing SW quatrz vein heavily weathered, pyrite concentrated in yellow weathering with 1mm comb quartz.	13	1.5	3	439	70	6	28	0.3	5	10	760	3.22	29	1.5	1.5	19	0.25	1.5
581263	CS	GR-13-01	WH13000255	370426	6714270	G	Float in NW/SW swale found mid slope (NE Aspect). Quartz vein material weathers red - purple, 10% pyrite vug infill and clusteres interconnected by stringers. Flagging around remainder of boulder. Photo 581264 Quartz vein in float, 10% pyrite.	1.5	1.5	1.5	3	79	8	66	0.15	9	14	1101	5.14	1.5	1.5	1.5	93	0.25	1.5
581264	CS	GR-13-01	WH13000255	370385	6714322	G	Float sample from swale (further North than 581264). Granodiorite same composition as at cs001 weathers orange to purple. 5% massive pyrite in clusters interconnected by stringers and disseminated. Cubic in places up to 3mm. Trace Chalcopyrite?	1.5	1.5	1.5	5	109	1.5	0.5	0.15	6	10	76	2.02	4	1.5	1.5	6	0.25	1.5
581265	CS	GR-13-01	WH13000255	370381	6714305	G	Float sample from swale (further North than 581264). Quartz vein material, weathers red - purple. Cubic pyrite (2mm), disseminated and in clusters finer grained (5%), trace Mo/Galena? Sample 581266A Representative geology of sericitic/ clay altered vein in granodiorite from the same location.	1.5	1.5	1.5	7	231	1.5	44	0.15	9	35	566	6.26	4	1.5	1.5	105	0.25	1.5
581266	CS	GR-13-01	WH13000255	370365	6714389	G	Float sample from swale. Quartz vein within granodiorite. 5cm wide, vuggy comb quartz in medium grained granodiorite and pockets of coarser (3mm) granodiorite close to vein. Coarse (up to 5mm) cubic pyrite infill vuggs as well as disseminated pyrite in granodiorite host rock (5%). Photo 581267-1 Vein in rock, 581267-2 vein next to coarser granodiorite, 581267-3 pyrite in vug.	31	1.5	1.5	1	425	3	12	0.9	15	53	68	5.04	35	1.5	1.5	0.5	0.25	1.5
581267	CS	GR-13-01	WH13000255	370454	6714086	G	Next to K9448555 from 2012, near cs-001. Diorite, dark grey with white specs, weathers rusty orange, mafics (horneblende and biotite) 30% up to 3mm, quartz 30%, feldspar 40%, disseminated pyrite 1%. <1% Galena? Purply/ silver with metalic sheen, flakey plates, amorphous, 2mm.	1.5	1.5	1.5	118	214	27	39	0.3	5	14	467	4.38	1.5	1.5	1.5	54	0.25	1.5

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Sample #	Sampler	Shipment	Certificate	UTME	UTMN	Type	Description	PPB 2 Au	PPB 3 Pt	PPB 2 Pd	PPM 1 Mo	PPM 1 Cu	PPM 3 Pb	PPM 1 Zn	PPM 0.3 Ag	PPM 1 Ni	PPM 1 Co	PPM 2 Mn	% 0.01 Fe	PPM 2 As	PPM 2 Au	PPM 2 Th	PPM 1 Sr	PPM 0.5 Cd	PPM 3 Sb
581268	CS	GR-13-01	WH13000255	370308	6714452	G	North of Swale, just above break in slope (NE Aspect). Talus sample. Greenstone. Dark grey/green weathers rusty red. Fine grained quartz/ feldspar groundmass with 0.5mm anhedral feldspar clusters (15%). Disseminated pyrite and stringers 2%. 581269A - Country rock sample of Granodiorite from same location. Greeny black and greeny white specs, minimal chlorite alteration. 60% felsic, 40% mafic. Photo 581269 Float sample too	1.5	1.5	1.5	6	122	8	27	0.15	9	17	358	3.57	1.5	1.5	1.5	112	0.25	1.5
581269	CS	GR-13-01	WH13000255	370210	6714639	G	Just above break in slope (steep NE aspect), talus/ Felsenmeer Greenstone sample. Dark grey with purple, translucent patches, weathers specled white and pale orange locally. Massive. Biotite and hornblend? 0.5-2mm, 5%, feldspar 0.5mm 10%, Quartz 0.5mm 5%, disseminated pyrite and stringers 5-10%, Fine grained feldspathic groundmass 70%.	1.5	1.5	1.5	5	236	1.5	27	0.15	8	18	292	3.58	1.5	1.5	1.5	76	0.25	1.5
581270	CS	GR-13-01	WH13000255	370194	6714703	G	Just above break in slope (NE steep aspect) Porphyritic Felsite (Quartzofeldspathic Dyke). Outcrop 3x7m, contacts not exposed but most likely intruded greenstone which is dominant in nearby talus, however, granodiorite and diorite is still common in talus. Creamy White, weathers rusty orange spots and overall a pale beige/ tan. Approximate SW/NE trend with jointing parallel to this - no measurable surface. Massive 1mm felsic groundmass (80%), white and smokey quarts 2mm (5%), felspar 2mm (5%) and hence porphyritic texture is limited. Amorphous rusty red/ brown patches suggest weathering out of biotite or sulphides. Photo 581271 - facing SW porphyritic felsite dyke.	1.5	1.5	1.5	2	39	4	43	0.15	23	19	637	4.11	9	1.5	1.5	76	0.25	1.5
581271	CS	GR-13-01	WH13000255	370083	6714951	G	Granodiorite dominated talus within narrow NE/SW trending, steep gully above break in slope. Sampled heavily quartz/ calcite veined metasediment/ greenstone. Very fissile and platey with irridescent weathering along a dense mafic layer. Gully is likely to be a structural feature.	1.5	1.5	1.5	18	44	11	4	0.15	2	4	104	1.23	6	1.5	9	11	0.25	1.5
581272	CS	GR-13-01	WH13000255	369958	6715280	G	CS003 above break in slope and L0E 5300N soil sample (NE, steep aspect), north of the beaver dam in a shallow gully previously map inferred as a fault. Outcrop (20x30m) lines the lower south side of the gully. The lower section of this is definitive greenstone, fine grained, dense, mafic and cross cut by a fine grained, 1m wide 'salt and pepper' granodiorite. Further up slope is a more greyish, fine grained greenstone as previously described. Both are a grey	1.5	1.5	3	2	37	5	29	0.15	10	9	717	2.37	3	1.5	1.5	40	0.25	1.5
581273	CS	GR-13-01	WH13000255	369960	6715267	G	CS003 Greenstone outcrop. Dark green/ grey weathers intense irridescent purple/ red with yellow halos along veins, Disseminated pyrite and stringers 5%. 3mm fierous, platey mineral radial clusters on surface, stained gold and irridescent 2% Cu bearing mineral? Chalcopyrite trace and arsenopyrite (bright sliver) can be seen in representative sample. Photo 581274 - South facing purple weatherd greenstone and vein with yellow halo. Granodiorite and foliated greenstone (similar to 581251) dominate talus on North side of gully. Sample 581274A - greenstone country rock. Such greenstone show a range from mild deformation to kink folding.	1.5	1.5	1.5	1	20	1.5	39	0.15	1	11	569	4.74	1.5	1.5	10	24	0.25	1.5
581274	CS	GR-13-01	WH13000255	369908	6715431	G	Within the vicinity of CS005. Photo CS006, facing West coarse greenstone sandwhiched between massive fine grained greenstone, only further north fine grained greenstone weathered rusty red (see sketch in notes). Sample 581275 from rusty package. Possible coarser package ' diotirised greenstone'? Contacts 80/264 (not parallel to foliation, possibly conjugate?).	4	1.5	1.5	3	1004	1.5	82	0.15	90	103	415	9.38	1.5	1.5	1.5	67	0.25	1.5
581275	CS	GR-13-01	WH13000255	370507	6715524	G	Silicified, foliated greenstone from CS007	6	1.5	1.5	1	212	81	124	2	10	14	470	4.27	19	1.5	3	32	1.4	1.5
581276	CS	GR-13-01	WH13000255	370842	6714250	G	CS008 Foliated Greenstone as described above plus 20cm quartz vein parallel to contacts contains massive pyrie (20% locally), chalcopyrite, malachite and possible trace boronite? 5% py/ chalcopyrite disseminated in greenstone proximal to vein. Sampled vein 581277.	1.5	1.5	4	0.5	10	6	64	0.15	12	15	740	4.66	3	1.5	1.5	26	0.25	1.5
581277	CS	GR-13-01	WH13000255	370909	6714229	G	Resampled quartz vein float (2012 K498511?) Suspect high grade sample. White to creamy, weathers orange and sickly green/ yellow. 10% porous, very light. Pyrite stringers 2%.	12	5	3	16	2898	7	55	2.2	32	24	665	3.12	21	1.5	1.5	56	1	15

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581278	CS	GR-13-01	WH13000255	371566	6713606	G	Quartz feldspar intrusive is white and creamy, weathers pale grey and pinkish with localised rusting. Pyrite clusters and disseminated locally and in deformaed section (5%), 20% Quartz and 30% Feldspar phenocrysts up to 5mm in a 40% quartzofeldspathic groundmass, 5% mafics 0.5mm	208	1.5	1.5	20	9	34	0.5	0.15	2	1	67	1.3	1434	1.5	1.5	2	0.25	1.5
581279	CS	GR-13-01	WH13000255	371566	6713606	G	Deformed Quartz feldspar intrusive - brown grey, weathers rusty orange with manganese along fracture surfaces, quartz and felspar phenocrysts (30-40%), fine grained groundmass with small rusty specs, suspect weathered biotite and pyrite (70%)	1.5	1.5	1.5	9	8	15	0.5	0.15	0.5	0.5	107	0.53	9	1.5	10	2	0.25	1.5
581280	CS	GR-13-01	WH13000255	371596	6713764	G	Between cs020 and cs021 along creek are no outcrops but two orange sandy banks exposed, the second of which had sporadic chunks of Quartz feldspar porphyry and no other rock. Quartz (0.5cm) and feldspar (up to 1cm) phenocrysts in a fine grained ground mass (40%), 1% disseminated sulphides. At CS021 Granodiorite similar to the porphyry description above but dirtier plus 3-4mm iotite (5%) and pyrite stringers and clusters (5%). More intensly altered sections have dark brown to purple/ irridescent and yellow interstial groundmass to quartz and feldspar phenocrysts (30-40%). Sample 581281 is of altered Granodiorite.	1.5	1.5	1.5	1	19	10	57	0.15	2	2	404	0.58	7	1.5	18	10	1.8	1.5
581281	CS	GR-13-01	WH13000255	371648	6713817	G	NE bank up stream from CS021. Boulder field of rounded to subrounded grey granodiorite and foliated greenstone are next to bright red - purple weathered massive greenstone. Massive, fine grained. Quartzofelspathic with 5% pyrite clusters. Unit appears to continue across creek and exposed on SW bank, see photo 581282, facing SW rusty unit continues across creek to opposite bank, oulder field in foreground	1.5	1.5	1.5	0.5	56	14	43	0.15	5	3	407	1.29	1.5	1.5	17	17	0.25	1.5
581282	CS	GR-13-01	WH13000255	371615	6713858	G	20m of o/c and rubble on SW bank described in 581282 and seen in photo 581282. All weathers rusty orange - purple with yellow patches along fractures. Massive greenstone dark grey with purply tinge, fine grained with 1mm visible feldspar, anhedral (10%), 1mm subhedral biotite 2%, fine grained pyrite clusters 1%. Sampled cs022. Heavily jointed with 10cm quartz vein parallel to joints. 581283 samples quartz vein.	1.5	1.5	1.5	3	52	3	30	0.15	0.5	5	287	4.04	5	1.5	11	13	0.25	1.5
581283	CS	GR-13-01	WH13000255	371615	671384	G	5m downstream from CS022. Foliated greenstone, foliations (65/170) perpendicular to jointing. Silicic alteration (pale blueish grey) is parallel/ lines joint and distroys original fabric and has an undulating edge. Associated pyrite clusters (10%).	1.5	1.5	1.5	3	33	1.5	13	0.15	5	3	195	2.3	3	1.5	1.5	6	0.25	1.5
581284	CS	GR-13-01	WH13000255	370766	6714466	G	In creek bed (N of main creek). Chlorite and sericite alteration so strong, identification unreliable, outcrop limited. Altered Greenstone? Sample 581285.	1.5	1.5	1.5	5	91	1.5	2	0.15	22	14	133	1.83	1.5	1.5	1.5	217	0.25	1.5
581285	CS	GR-13-01	WH13000255	371047	6714711	G	NE of camp just above KS swale in cliffs which line the edge of the plateau. Photo CS024-1, facing NE Whole cliffy outcrop of greenstone, diorite crosscut by felsic dykes. Photo CS024-2, facing NE zoom in on felsic dyke in foreground of CS024-1. 3m of outcrop of Quartz felsic dyke, creamy white, weathers opaque white with orange. Quartz phenocrysts up to 5mm sub-anhedral (10%). Trace magnetite, black, faceted 1mm, 1% <1mm, rusty remnant or whole disseminated and clustered pyrite. 80% fine grained quartzofelspathic groundmass similar to CS017. Sample 581286. Jointed parallel to strike of dyke spacing 5 - 50cm	1.5	1.5	1.5	34	118	9	19	0.15	8	3	435	0.82	2	1.5	15	193	0.25	1.5

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581286	CS	GR-13-01	WH13000255	371056	6714700	G	NE of camp just above KS swale in cliffs which line the edge of the plateau. Photo CS024-1, facing NE Whole cliffy outcrop of greenstone, diorite crosscut by felsic dykes. Photo CS024-2, facing NE zoom in on felsic dyke in foreground of CS024-1. 3m of outcrop of Quartz felsic dyke, creamy white, weathers opaque white with orange. Quartz phenocrysts up to 5mm sub-anhedral (10%). Trace magnetite, black, faceted 1mm, 1% <1mm, rusty remnant or whole disseminated and clustered pyrite. 80% fine grained quartzofelspathic groundmass similar to CS017. Sample 581286. Jointed parallel to strike of dyke spacing 5 - 50cm (86/089). Wall rock, foliated greenstone, no contact exposed no measurable surface but estimate (316/ 88?). Fine grained dark bands (60%), Light (40%) as described previously. 1% disseminated pyrite sample 581287 (sampled because 2012 greenstone wall rocks of this area good grade).	2	1.5	1.5	0.5	14	46	41	0.4	0.5	0.5	73	0.67	13	1.5	10	6	0.25	1.5
581287	CS	GR-13-01	WH13000255	371329	6714349	G	Photo 581288, facing NW, rusty felsic dyke foreground, diorite grey skyline, separated by the break in slope and gully (structural?). Rusty rubble patch surrounds 100x50cm outcrop of felsic dyke. Massive fine grained, palegrey to white, weathers rusty red-orange, feldspathic, 20% disseminated and clustered pyrite plus a flakey blueish silvery purple sulphide, Ga/ Mo? trace. Sample 581288. Host rock - greenstone, pale grey, weathers pale beige/ brown, fine- medium grained 1mm, massive quartz and feldspar (60%). Mafics and interstitial finegrained dark grey groundmass (40%), rusted out disseminated pyrite 1%. Contact not exposed but exposure of each unit within 30cm of each other. appear to contact parallel to cm scale jointing in both units (72/002).	3	1.5	1.5	0.5	45	1.5	55	0.15	28	22	523	3.29	20	1.5	1.5	23	0.25	1.5
581288	CS	GR-13-01	WH13000255	371357	6714277	G	Between 581288 and CS028 rubble greenstone. After ditch contact between rusty altered massive greenstone and felsic dyke (photo CS028, facing E). Localised diorite in greenstone outcrop (Interpretation - greenstone may be fine grained diorite?) Felsic dyke sample CS028, creamy pinky white, weathers orangy white, fine grained, massive, quartz, feldspar and remnant 2% pyrite. Host rock, sampled 581289, dark grey/green, weathers rusty orange- purple, fine grained, massive likely quartzofeldspathic, disseminated pyrite 5% along contact zone. Contact approximately E/W and fairly sharp. 68/314 jointing is sub parallel to contact.	1.5	1.5	1.5	2	50	1.5	32	0.15	0.5	4	527	3.45	1.5	1.5	8	13	0.25	1.5
581289	CS	GR-13-01	WH13000255	370443	6714119	G	Granodiorite of cs-001 outcrop. Salt and pepper, weathers rusty orange, Mafics 20%, Felsic 80% Trace Mo/ Galena? Sample 581263 CR (country rock). Photo 581263 Quartz eye in talus.	5	1.5	1.5	1	144	10	42	0.15	6	18	381	4.72	2	1.5	3	60	0.25	1.5

Sample #	PPM 3 Bi	PPM 1 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba	% 0.01 Ti	PPM 20 B	% 0.01 Al	% 0.01 Na	% 0.01 K	PPM 2 W	% 0.05 S	PPM 5 Sc	PPM 5 Ga
581201	1.5	22	0.29	0.0005	1	4	0.1	4	0.04	10	0.36	0.005	0.02	1.5	0.0025	2.5	2.5
581202	1.5	20	0.53	0.004	0.5	12	0.31	5	0.03	10	0.61	0.03	0.02	1.5	0.06	2.5	2.5
581203	1.5	91	1.08	0.055	0.5	20	0.87	20	0.27	10	1.3	0.1	0.08	1.5	0.97	6	12
581204	1.5	3	0.01	0.004	3	2	0.02	52	0.005	10	0.28	0.03	0.26	1.5	3.34	2.5	2.5
581205	1.5	0.5	0.03	0.008	7	2	0.02	33	0.005	10	0.3	0.03	0.21	1.5	0.26	2.5	2.5
581206	33	0.5	0.16	0.005	7	5	0.02	20	0.005	10	0.22	0.04	0.15	1.5	0.05	2.5	2.5
581207	32	3	0.005	0.0005	0.5	5	0.005	10	0.005	10	0.06	0.005	0.05	1.5	3.04	2.5	2.5
581208	1.5	1	0.29	0.004	43	3	0.07	71	0.005	10	0.41	0.04	0.16	4	0.07	2.5	2.5
581209	1.5	10	0.02	0.003	1	7	0.04	6	0.005	10	0.13	0.01	0.03	18	0.06	2.5	2.5
581210	1.5	10	0.66	0.036	19	5	0.23	135	0.005	10	0.59	0.05	0.19	13	0.51	2.5	2.5

Sample #	PPM 3 Bi	PPM 1 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba	% 0.01 Ti	PPM 20 B	% 0.01 Al	% 0.01 Na	% 0.01 K	PPM 2 W	% 0.05 S	PPM 5 Sc	PPM 5 Ga
581211	1.5	54	0.8	0.049	2	30	0.47	55	0.17	10	0.92	0.13	0.11	1.5	1.04	6	7
581212	1.5	31	0.41	0.046	2	10	0.26	21	0.13	10	0.48	0.09	0.11	1.5	0.54	2.5	7
581213	1.5	0.5	0.005	0.0005	0.5	5	0.005	0.5	0.005	10	0.005	0.005	0.005	1.5	0.0025	2.5	2.5
581214	1.5	4	1.22	0.032	34	4	0.07	308	0.005	10	0.44	0.04	0.23	16	0.11	2.5	2.5
581215	1.5	15	0.77	0.044	26	5	0.26	88	0.005	10	0.65	0.05	0.17	1.5	0.22	2.5	2.5
581216	78	2	1.19	0.035	14	4	0.12	80	0.005	10	0.54	0.02	0.27	1.5	0.86	2.5	2.5
581217	1.5	23	0.58	0.036	21	6	0.3	270	0.06	10	0.66	0.08	0.38	1.5	0.45	2.5	2.5
581218	1.5	2	0.1	0.034	15	3	0.11	61	0.005	10	0.52	0.03	0.22	1.5	0.0025	2.5	2.5
581219	1.5	51	0.58	0.14	14	1	0.6	118	0.11	10	1.58	0.08	0.04	1.5	0.0025	7	7
581220	5	13	0.005	0.0005	0.5	6	0.05	0.5	0.005	10	0.11	0.005	0.005	3	0.69	2.5	2.5
581221	1.5	62	0.39	0.131	23	0.5	0.7	129	0.16	10	1.28	0.07	0.19	1.5	0.64	9	9
581222	1.5	57	0.45	0.142	15	2	0.88	154	0.15	10	1.49	0.09	0.03	1.5	0.88	7	11
581223	1.5	6	0.02	0.0005	0.5	7	0.06	0.5	0.005	10	0.07	0.005	0.005	1.5	0.0025	2.5	2.5

Sample #	PPM 3 Bi	PPM 1 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba	% 0.01 Ti	PPM 20 B	% 0.01 Al	% 0.01 Na	% 0.01 K	PPM 2 W	% 0.05 S	PPM 5 Sc	PPM 5 Ga
581224	35	29	0.13	0.026	9	18	0.59	23	0.04	10	0.86	0.005	0.13	100	0.1	2.5	2.5
581225	1.5	95	2.28	0.034	0.5	15	1.09	59	0.07	10	4.97	0.32	0.28	12	1.08	12	5
581226	1.5	10	20.68	0.0005	3	2	1.12	9	0.005	10	0.71	0.005	0.01	1.5	0.0025	6	2.5
~~581227~~	1.5	82	0.71	0.082	0.5	82	1.91	7	0.09	10	2.97	0.06	0.005	1.5	1.16	8	2.5
581228	1.5	116	0.25	0.023	0.5	6	0.61	4	0.05	10	1.01	0.01	0.005	1.5	0.54	2.5	2.5
581229	1.5	33	0.04	0.006	0.5	17	0.2	2	0.005	10	0.33	0.005	0.03	1.5	4.27	2.5	2.5
581251	1.5	89	1.35	0.08	0.5	27	0.83	22	0.24	10	1.22	0.1	0.07	1.5	0.0025	8	11
581252	1.5	124	1.94	0.054	2	72	1.07	86	0.21	10	2.61	0.07	0.09	1.5	0.14	2.5	10
581253	1.5	35	1.26	0.196	19	20	2.71	200	0.08	10	1.81	0.27	0.06	1.5	0.0025	2.5	2.5
581254	1.5	8	0.36	0.008	12	3	0.16	43	0.005	10	0.52	0.07	0.13	1.5	0.0025	2.5	2.5
581255	1.5	131	2.13	0.058	2	60	2.39	155	0.16	10	4.71	0.34	0.7	1.5	0.12	20	13
581256	16	72	1.85	0.077	6	18	0.95	151	0.18	10	3.19	0.36	0.37	19	0.68	5	9
581257	1.5	121	2.46	0.052	0.5	28	1.66	48	0.16	10	5.22	0.41	0.21	6	1.1	8	13

Sample #	PPM 3 Bi	PPM 1 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba	% 0.01 Ti	PPM 20 B	% 0.01 Al	% 0.01 Na	% 0.01 K	PPM 2 W	% 0.05 S	PPM 5 Sc	PPM 5 Ga
581258	1.5	79	1.62	0.035	0.5	10	0.72	21	0.1	10	3.41	0.26	0.1	1.5	0.55	8	8
581259	1.5	68	2.06	0.049	5	14	0.85	20	0.17	10	3.57	0.42	0.14	2	0.75	2.5	10
581260	1.5	10	0.06	0.019	5	5	0.08	56	0.02	10	0.34	0.07	0.17	7	0.37	2.5	2.5
581261	1.5	0.5	0.05	0.004	8	6	0.03	47	0.005	10	0.27	0.04	0.15	1.5	0.0025	2.5	2.5
581262	1.5	47	1.4	0.018	2	13	0.91	15	0.005	10	1.33	0.03	0.12	1.5	0.42	6	2.5
581263	1.5	157	3.82	0.051	2	29	2.25	21	0.07	10	5.36	0.4	0.05	1.5	0.4	28	15
581264	1.5	7	0.34	0.005	0.5	10	0.06	4	0.005	10	0.2	0.005	0.05	86	1.11	2.5	2.5
581265	1.5	121	2.74	0.047	0.5	9	1.33	25	0.08	10	5.36	0.43	0.04	16	2.59	12	13
581266	69	2	0.03	0.002	0.5	13	0.03	5	0.005	10	0.16	0.005	0.02	28	3.04	2.5	2.5
581267	430	92	2.03	0.042	0.5	12	0.94	48	0.12	10	3.54	0.42	0.18	17	1.53	12	10

Sample #	PPM 3 Bi	PPM 1 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba	% 0.01 Ti	PPM 20 B	% 0.01 Al	% 0.01 Na	% 0.01 K	PPM 2 W	% 0.05 S	PPM 5 Sc	PPM 5 Ga
581268	1.5	66	4.06	0.05	0.5	12	0.87	14	0.08	10	6.69	0.55	0.04	9	0.79	9	14
581269	1.5	73	2.46	0.032	0.5	15	0.59	25	0.08	10	4.24	0.45	0.11	10	1.36	9	10
581270	1.5	120	3.18	0.039	6	36	2.1	51	0.08	10	4.12	0.39	0.25	1.5	0.46	17	11
581271	1.5	9	0.28	0.008	8	6	0.12	51	0.005	10	0.49	0.07	0.12	1.5	0.14	2.5	2.5
581272	1.5	65	3.88	0.008	2	46	1.14	13	0.02	10	1.51	0.03	0.07	4	0.06	6	2.5
581273	1.5	73	0.88	0.137	21	3	1.01	162	0.27	10	2.22	0.09	0.18	1.5	0.12	8	11
581274	1.5	211	1.64	0.1	0.5	99	1.36	47	0.36	10	3.31	0.27	0.11	1.5	4.17	15	8
581275	1.5	119	1.05	0.122	9	72	1.18	46	0.29	10	2.1	0.2	0.11	1.5	0.54	10	8
581276	1.5	128	1.29	0.034	2	50	2.22	64	0.11	10	3.09	0.06	0.14	1.5	0.0025	20	8
581277	1.5	62	2.71	0.047	5	44	0.91	30	0.17	10	1.86	0.21	0.09	2	1.5	5	2.5

Sample #	PPM 3 Bi	PPM 1 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba	% 0.01 Ti	PPM 20 B	% 0.01 Al	% 0.01 Na	% 0.01 K	PPM 2 W	% 0.05 S	PPM 5 Sc	PPM 5 Ga
581278	4	2	0.02	0.002	0.5	17	0.02	8	0.005	10	0.05	0.005	0.03	1.5	0.35	2.5	2.5
581279	1.5	0.5	0.02	0.002	4	6	0.02	10	0.005	10	0.22	0.07	0.13	1.5	0.06	2.5	2.5
581280	1.5	0.5	0.08	0.009	20	4	0.02	56	0.005	10	0.33	0.07	0.18	1.5	0.0025	2.5	2.5
581281	1.5	10	0.17	0.038	30	6	0.21	93	0.005	10	0.65	0.06	0.18	1.5	0.09	2.5	2.5
581282	1.5	55	0.45	0.121	20	3	0.59	135	0.19	10	1.16	0.08	0.2	1.5	0.75	8	2.5
581283	1.5	36	0.16	0.047	5	11	0.35	44	0.09	10	0.66	0.03	0.07	1.5	0.14	2.5	2.5
581284	1.5	30	3.79	0.064	1	20	0.32	48	0.24	10	4.81	0.4	0.12	1.5	0.92	2.5	11
581285	5	18	5.16	0.171	35	0.5	0.38	69	0.1	10	4.9	0.19	0.05	100	0.48	2.5	11

Sample #	PPM 3 Bi	PPM 1 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba	% 0.01 Ti	PPM 20 B	% 0.01 Al	% 0.01 Na	% 0.01 K	PPM 2 W	% 0.05 S	PPM 5 Sc	PPM 5 Ga
581286	1.5	0.5	0.11	0.009	6	3	0.02	33	0.005	10	0.37	0.05	0.22	15	0.0025	2.5	2.5
581287	1.5	113	1.57	0.052	0.5	45	1.47	17	0.25	10	1.9	0.1	0.07	5	0.0025	11	7
581288	1.5	29	1.07	0.099	17	4	0.73	49	0.05	10	1.18	0.07	0.12	2	0.2	2.5	2.5
581289	1.5	145	1.87	0.106	7	4	1.17	151	0.21	10	4.29	0.46	0.24	75	1.47	10	13

APPENDIX VI. GEOCHEMICAL SAMPLE DESCRIPTIONS

GROMMET 2013
Soil Sample Log
Datum / Registration: NAD83 Zone 9N

Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L0E4400N	0E	4400N	369999	6714402	10to20	Dark Brown	B/C	S, Gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil 10% Organics, 5% Angular Rocks, 20% Gravel, 20% Sand, 30% Silt, 10% Clay	2	178.1	13.5
L0E4450N	0E	4450N	370000	6714451	10to20	Dark Brown	B/C	S, Gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil 5% Organics, 5% Angular Rocks, 5% Gravel, 30% Sand, 40% Silt, 15% Clay	4.2	73.6	26.2
L0E4500N	0E	4500N	369998	6714505	0-10	Olive Grey	C	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil 5% Organics, 5% Angular Rocks, 10% Gravel, 30% Sand, 40% Silt, 20% Clay	3.3	16.4	46
L0E4550N	0E	4550N	370000	6714550	0-10	Olive Grey	C	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil 5% Organics, 0% Angular Rocks, 5% Gravel, 20% Sand, 30% Silt, 40% Clay	1.6	18	5.8
L0E4600N	0E	4600N	370000	6714599	10to20	Dark Brown	B/C	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil 5% Organics, 0% Angular Rocks, 5% Gravel, 10% Sand, 20% Silt, 60% Clay	2.8	161.6	13
L0E4650N	0E	4650N	369999	6714651	10to20	Dark Brown	C	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil 10% Organics, 5% Angular Rocks, 5% Gravel, 20% Sand, 20% Silt, 40% Clay	17.7	571.2	17.8
L0E4700N	0E	4700N	369998	6714699	10to20	Dark Brown	C	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil 5% Organics, 0% Angular Rocks, 5% Gravel, 20% Sand, 30% Silt, 40% Clay	7.4	252.2	32.7
L0E4750N	0E	4750N	369998	6714756	20-30	Dark Brown	B/C	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil 10% Organics, 5% Angular Rocks, 5% Gravel, 10% Sand, 20% Silt, 50% Clay	24.6	236.2	25.3
L0E4800N	0E	4800N	369996	6714799	0-10	Dark Brown	C	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil 5% Organics, 0% Angular Rocks, 5% Gravel, 20% Sand, 30% Silt, 40% Clay	29.6	292	29.7
L0E4850N	0E	4850N	370000	6714826	0-10	Dark Brown	B/C	E, Steep	Alpine Mid Slope, Talus Parent Material, Moist Soil 10% Organics, 5% Angular Rocks, 5% Gravel, 20% Sand, 30% Silt, 30% Clay	12.4	204.3	31.5
L0E4900N	0E	4900N	369987	6714892	10to20	Dark Brown	B/C	E, Steep	Alpine/ BuckBrush Mid Slope, Talus Parent Material, Moist Soil 5% Organics, 5% Angular Rocks, 5% Gravel, 5% Sand, 30% Silt, 50% Clay	108.4	309.9	40.4
L0E4950N	0E	4950N	369999	6714948	20-30	Dark Brown	B/C	E, Steep	Alpine/ BuckBrush Mid Slope, Talus Parent Material, Dry Soil 0% Organics, 0% Angular Rocks, 0% Gravel, 30% Sand, 40% Silt, 30% Clay	133.9	282.4	57.7
L0E5000N	0E	5000N	370002	6715011	0-10	Dark Brown	B/C	E, Steep	Alpine/ BuckBrush Mid Slope, Talus Parent Material, Moist Soil 0% Organics, 0% Angular Rocks, 0% Gravel, 30% Sand, 40% Silt, 30% Clay	54.2	249.8	33.7
L0E5050N	0E	5050N	369998	6715049	0-10	Dark Brown	B/C	E, Steep	Alpine Bench, Talus Parent Material, Moist Soil 10% Organics, 0% Angular Rocks, 0% Gravel, 10% Sand, 20% Silt, 60% Clay	47.3	153.1	16.9
L0E5100N	0E	5100N	370001	6715103	20-30	Dark Brown	B/C	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil 5% Organics, 15% Angular Rocks, 5% Gravel, 10% Sand, 20% Silt, 50% Clay	37.5	145.1	20.7

GROMMET 2013
Soil Sample Log
Datum / Registration: NAD83 Zone 9N

Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L0E5150N	0E	5150N	370002	6715152	20-30	Dark Brown	B/C	E, Steep	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Moist Soil 5% Organics, 0% Angular Rocks, 5% Gravel, 10% Sand, 20% Silt, 60% Clay	29.2	120.2	15
L0E5200N	0E	5200N	370006	6715196	20-30	Dark Brown	B/C	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil 5% Organics, 5% Angular Rocks, 5% Gravel, 15% Sand, 20% Silt, 50% Clay	19.8	124.7	21.1
L0E5250N	0E	5250N	370001	6715248	10to20	Dark Brown	B/C	E, Steep	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil 5% Organics, 10% Angular Rocks, 10% Gravel, 30% Sand, 30% Silt, 10% Clay	15.4	302.2	411.6
L0E5300N	0E	5300N	369994	6715301	0-10	Dark Brown	B/C	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil 10% Organics, 10% Angular Rocks, 10% Gravel, 40% Sand, 20% Silt, 10% Clay	19.2	181.2	23.7
L0E5350N	0E	5350N	370000	6715354	10to20	Dark Brown	B/C	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil 5% Organics, 5% Angular Rocks, 10% Gravel, 30% Sand, 40% Silt, 10% Clay	15.3	105.4	25.7
L0E5400N	0E	5400N	369994	6715409	10to20	Dark Brown	B/C	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 70% Angular Rocks, 10% Gravel, 0% Sand, 10% Silt, 0% Clay	21.3	68.2	14.6
L1000E4400N	1000E	4400N	370989	6714409	20-30	Dark Brown	A/B	SSW, Gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 50% Gravel, 20% Sand, 10% Silt, 10% Clay	6	226.8	12
L1000E4450N	1000E	4450N	370986	6714458	20-30	Dark Brown	B	SSW, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 25% Angular Rocks, 20% Gravel, 10% Sand, 30% Silt, 10% Clay	3.8	73.4	11.5
L1000E4500N	1000E	4500N	370999	6714503	0-10	Light Brown	B	SSW, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 60% Angular Rocks, 20% Gravel, 10% Sand, 100% Silt, 0% Clay	0.9	27.4	12.5
L1000E4550N	1000E	4550N	370998	6714568	20-30	wish Orange/ B	B	SSW, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 75% Angular Rocks, 10% Gravel, 5% Sand, 5% Silt, 0% Clay	2.1	31.6	21.7
L1000E4600N	1000E	4600N	370993	6714603	10to20	ellowish Orang	B	SSW, Steep	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 70% Angular Rocks, 10% Gravel, 10% Sand, 10% Silt, 0% Clay	1.2	38.5	34.5
L1000E4650N	1000E	4650N	371002	6714643	10to21	ellowish Orang	B	SSW, Steep	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 70% Angular Rocks, 10% Gravel, 10% Sand, 10% Silt, 0% Clay	1.4	30.4	33
L1000E4700N	1000E	4700N	370996	6714714	0-10	Light Brown	B	SSW, Gentle	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 50% Angular Rocks, 30% Gravel, 10% Sand, 5% Silt, 5% Clay	0.9	36.3	20.4
L1000E4750N	1000E	4750N	371000	6714767	10to20	ellowish Orang	B	SSW, Gentle	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 50% Angular Rocks, 20% Gravel, 10% Sand, 10% Silt, 10% Clay	1.5	81	83.1
L1000E4800N	1000E	4800N	371008	6714792	0-10	Light Brown	B	SSW, Gentle	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 50% Angular Rocks, 20% Gravel, 10% Sand, 10% Silt, 10% Clay	1.2	159.1	220.9

GROMMET 2013
Soil Sample Log
Datum / Registration: NAD83 Zone 9N

Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L1000E4850N	1000E	4850N	371008	6714861	0-10	Light Brown	B	SSW, Gentle	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 70% Angular Rocks, 10% Gravel, 10% Sand, 10% Silt, 0% Clay	0.6	137.7	103
L1000E4900N	1000E	4900N	371008	6714901	10to20	ellowish Orang	B	SW, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 70% Angular Rocks, 10% Gravel, 10% Sand, 10% Silt, 0% Clay	1.9	53.1	31.6
L1000E4950N	1000E	4950N	371011	6714945	10to20	Light Brown	B	SW, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 70% Angular Rocks, 10% Gravel, 10% Sand, 5% Silt, 5% Clay	0.5	48.8	17.6
L1000E5000N	1000E	5000N	371000	6715000	10to20	Light Brown	B	SW, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 40% Angular Rocks, 30% Gravel, 20% Sand, 10% Silt, 0% Clay	0.3	102.8	16.8
L1000E5050N	1000E	5050N	370993	6715057	0-10	Light Brown	B	SW, gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 50% Angular Rocks, 30% Gravel, 10% Sand, 5% Silt, 5% Clay	1.1	21	21.1
L1000E5100N	1000E	5100N	370990	6715096	0-10	ellowish orang	B	E, Gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 60% Angular Rocks, 20% Gravel, 10% Sand, 10% Silt, 0% Clay	0.8	30.6	21.7
L1000E5150N	1000E	5150N	370992	6715147	10to20	ellowish orang	B	N, moderate	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 60% Angular Rocks, 20% Gravel, 10% Sand, 10% Silt, 0% Clay	1.1	24.8	16.8
L1000E5200N	1000E	5200N	371007	6715191	0-10	ellowish orang	B	N, Gentle	Alpine Mid Slope, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 50% Sand, 30% Silt, 10% Clay	0.7	55.7	13.3
L1000E5250N	1000E	5250N	370992	6715253	10to20	ellowish orang	B	N, Gentle	Alpine Ridge Top, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 30% Gravel, 20% Sand, 30% Silt, 10% Clay	1.7	106	16.8
L1000E5300N	1000E	5300N	371002	6715300	10to20	ellowish orang	B	N/A	Alpine Ridge Top, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 40% Gravel, 10% Sand, 30% Silt, 10% Clay	1.4	32.8	12.1
L1000E5350N	1000E	5350N	371008	6715344	10to20	ellowish orang	B	N/A	Alpine Ridge Top, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 30% Gravel, 10% Sand, 30% Silt, 10% Clay	1.9	41.7	12.8
L1000E5400N	1000E	5400N	371007	6715413	10to20	Light Brown	B	N, Gentle	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 60% Angular Rocks, 20% Gravel, 10% Sand, 10% Silt, 0% Clay	1.8	34.6	12.7
L100E4400N	100E	4400N	370091	6714396	20-30	Light Brown	B	E, Steep	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 25% Angular Rocks, 10% Gravel, 10% Sand, 30% Silt, 20% Clay	3.3	348.6	26.9
L100E4450N	100E	4450N	370090	6714450	30-40	Dark Brown	A/B	E, Steep	Buchbrush Mid Slope, Talus Parent Material, Moist Soil, 5% Organics, 10% Angular Rocks, 25% Gravel, 20% Sand, 30% Silt, 10% Clay	7.8	66.9	35.5
L100E4500N	100E	4500N	370100	6714500	40-50	Light Brown	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 30% Gravel, 30% Sand, 20% Silt, 10% Clay	5.4	48.4	21.2

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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L100E4550N	100E	4550N	370103	6714539	20-30	Light Brown	A/B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 30% Angular Rocks, 30% Gravel, 30% Sand, 0% Silt, 0% Clay	4.6	105.1	17
L100E4600N	100E	4600N	370103	6714594	10to20	Dark Brown	B	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 40% Gravel, 10% Sand, 30% Silt, 10% Clay	14.5	349.6	37.7
L100E4650N	100E	4650N	370093	6714638	20-30	Light Brown	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Moist Soil, 0% Organics, 0% Angular Rocks, 5% Gravel, 10% Sand, 30% Silt, 60% Clay	93.8	366.8	48
L100E4700N	100E	4700N	370083	6714703	10to20	Dark Brown	A/B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Moist Soil, 0% Organics, 5% Angular Rocks, 5% Gravel, 10% Sand, 20% Silt, 60% Clay	23.9	195.8	24.9
L100E4750N	100E	4750N	370099	6714769	0-10	Dark Brown	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Moist Soil, 5% Organics, 0% Angular Rocks, 0% Gravel, 0% Sand, 25% Silt, 70% Clay	48.3	319.5	33.9
L100E4800N	100E	4800N	370098	6714805	0-10	Dark Brown	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 10% Gravel, 30% Sand, 30% Silt, 20% Clay	88.1	361.9	40.2
L100E4850N	100E	4850N	370094	6714853	0-10	Dark Brown	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 5% Angular Rocks, 10% Gravel, 40% Sand, 25% Silt, 20% Clay	27.4	200.8	33.1
L100E4900N	100E	4900N	370092	6714902	20-30	Dark Brown	A/B	E, Steep	Buckbrush Bench, Talus Parent Material, Moist Soil, 10% Organics, 10% Angular Rocks, 0% Gravel, 0% Sand, 10% Silt, 70% Clay	54.4	182.8	29.3
L100E4950N	100E	4950N	370092	6714956	30-40	Dark Brown	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 15% Gravel, 30% Sand, 20% Silt, 20% Clay	74.3	219	24.5
L100E5000N	100E	5000N	370094	6715000	30-40	Dark Brown	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 10% Gravel, 40% Sand, 20% Silt, 20% Clay	78.2	205	46.9
L100E5050N	100E	5050N	370117	6715053	0-10	Light Brown	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Moist Soil, 5% Organics, 10% Angular Rocks, 5% Gravel, 5% Sand, 5% Silt, 70% Clay	18.8	76.8	13.4
L100E5100N	100E	5100N	370094	6715087	30-40	Black	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 0% Gravel, 10% Sand, 20% Silt, 50% Clay	29.3	193.4	10.4
L100E5150N	100E	5150N	370089	6715150	30-40	Dark Brown	A/B	E, Steep	Alpine Mid Slope, Talus Parent Material, Moist Soil, 35% Organics, 15% Angular Rocks, 0% Gravel, 5% Sand, 5% Silt, 30% Clay	29	119.3	17.2
L100E5200N	100E	5200N	370094	6715203	10to20	Light Grey	B	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 30% Sand, 30% Silt, 20% Clay	17.1	120.7	14.7
L100E5250N	100E	5250N	370091	6715254	20-30	Dark Brown	A/B	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 10% Angular Rocks, 10% Gravel, 30% Sand, 40% Silt, 5% Clay	9.5	120.6	19.2

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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L100E5300N	100E	5300N	370101	6715294	0-10	ellowish Orang	B	E, Steep	Alpine Bench, Loess Parent Material, Wet Soil, 5% Organics, 5% Angular Rocks, 0% Gravel, 0% Sand, 20% Silt, 70% Clay	15.3	47.2	12
L100E5350N	100E	5350N	370103	6715363	0-10	Light Brown	A	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 10% Angular Rocks, 10% Gravel, 30% Sand, 35% Silt, 20% Clay	12	47.5	15.6
L100E5400N	100E	5400N	370102	6715393	20-30	Dark Brown	B	E, Steep	Alpine Mid Slope, Talus Parent Material, Moist Soil, 5% Organics, 0% Angular Rocks, 15% Gravel, 10% Sand, 20% Silt, 50% Clay	11.1	72.9	15.1
L1100E4400N	1100E	4400N	371109	6714409	10to20	light brown	B/C	W, steep	Alpine Mid Slope, Talus Parent Material, Moist Soil, 10% Organics, 5% Angular Rocks, 5% Gravel, 10% Sand, 10% Silt, 40% Clay	1.5	47.7	28.6
L1100E4450N	1100E	4450N	371106	6714452	10to20	light brown	B/C	W, steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 5% Angular Rocks, 10% Gravel, 5% Sand, 30% Silt, 40% Clay	1.4	20.8	19.9
L1100E4500N	1100E	4500N	371100	6714503	20-30	light brown	B/C	W, steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 30% Sand, 30% Silt, 20% Clay	1	41.8	27
L1100E4550N	1100E	4550N	371099	6714551	20-30	light brown	B/C	W, steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 15% Gravel, 30% Sand, 30% Silt, 15% Clay	0.7	75.5	40.9
L1100E4600N	1100E	4600N	371101	6714598	0-10	light brown	B/C	W, steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 10% Gravel, 20% Sand, 30% Silt, 20% Clay	0.9	104.6	887
L1100E4650N	1100E	4650N	371106	6714649	20-30	light brown	B/C	W, steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 5% Angular Rocks, 10% Gravel, 20% Sand, 40% Silt, 25% Clay	2.3	125.4	129.8
L1100E4700N	1100E	4700N	371102	6714700	10to20	light brown	C	W, steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 5% Angular Rocks, 10% Gravel, 40% Sand, 30% Silt, 20% Clay	1.7	283.9	37.4
L1100E4750N	1100E	4750N	371098	6714749	10to20	light brown	C	W, steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 40% Sand, 20% Silt, 10% Clay	1.7	43.3	27.9
L1100E4800N	1100E	4800N	371103	6714798	0-10	light brown	B/C	W, steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 20% Sand, 30% Silt, 20% Clay	1.2	112.2	280.2
L1100E4850N	1100E	4850N	371097	6714850	0-10	light brown	C	SW, Steep	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 5% Angular Rocks, 15% Gravel, 30% Sand, 30% Silt, 20% Clay	5.6	80.9	705.9
L1100E4900N	1100E	4900N	371099	6714906	10to20	Dark brown	B	SW, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 0% Angular Rocks, 5% Gravel, 40% Sand, 30% Silt, 20% Clay	0.4	46.9	11.2
L1100E4950N	1100E	4950N	371103	6714948	20-30	Light Brown	B	SW, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 5% Angular Rocks, 5% Gravel, 20% Sand, 30% Silt, 40% Clay	0.6	19.2	9.4

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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L1100E5000N	1100E	5000N	371102	6715001	10to20	Light Brown	B	N/A	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 5% Angular Rocks, 0% Gravel, 20% Sand, 25% Silt, 40% Clay	0.5	29.5	19.5
L1100E5050N	1100E	5050N	371097	6715042	10to20	Light Brown	B	N, Gentle	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 5% Angular Rocks, 5% Gravel, 45% Sand, 30% Silt, 15% Clay	0.6	25.1	13.3
L1100E5100N	1100E	5100N	371103	6715105	0-10	Light Brown	B	N/A	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 5% Angular Rocks, 0% Gravel, 10% Sand, 30% Silt, 50% Clay	0.5	55.8	14
L1100E5150N	1100E	5150N	371096	6715153	10to20	Light Brown	B	N/A	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 5% Angular Rocks, 15% Gravel, 30% Sand, 30% Silt, 20% Clay	1	37.2	10.2
L1100E5200N	1100E	5200N	371094	6715201	10to20	Light Brown	B	N/A	Buckbrush Bench, Talus Parent Material, Moist Soil, 5% Organics, 0% Angular Rocks, 0% Gravel, 10% Sand, 20% Silt, 65% Clay	0.8	32.1	8.5
L1100E5250N	1100E	5250N	371095	6715243	10to20	Light Brown	B	N/A	Buckbrush Bench, Loess Parent Material, Moist Soil, 15% Organics, 0% Angular Rocks, 0% Gravel, 0% Sand, 15% Silt, 70% Clay	0.6	37.9	9.8
L1100E5300N	1100E	5300N	371097	6715294	10to20	Light Brown	B	N, Gentle	Buckbrush Bench, Loess Parent Material, Moist Soil, 25% Organics, 0% Angular Rocks, 0% Gravel, 0% Sand, 15% Silt, 60% Clay	1.5	37.2	10.1
L1100E5350N	1100E	5350N	371099	6715348	0-10	ellowish Orang	B	N, Gentle	Buckbrush Bench, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 0% Gravel, 10% Sand, 30% Silt, 40% Clay	0.7	59	11.6
L1100E5400N	1100E	5400N	371098	6715391	20-30	Light Brown	B	N/A	Alpine Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 0% Angular Rocks, 0% Gravel, 20% Sand, 30% Silt, 40% Clay	1.8	117.9	24.4
L1200E4400N	1200E	4400N	371209	6714401	20-30	Light Brown	B/C	w, steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 5% Angular Rocks, 1% Gravel, 20% Sand, 30% Silt, 35% Clay	1.4	32.4	24.4
L1200E4450N	1200E	4450N	371206	6714457	20-30	Light Brown	B/C	w, steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 5% Angular Rocks, 10% Gravel, 10% Sand, 25% Silt, 50% Clay	0.8	44.6	15.7
L1200E4500N	1200E	4500N	371203	6714504	10to20	Light Brown	C	SW, Steep	Alpine Mid Slope, Talus Parent Material, Moist Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 30% Sand, 40% Silt, 20% Clay	1.4	50.3	59.6
L1200E4550N	1200E	4550N	371204	6714554	0-10	Light Brown	C	SW, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 5% Angular Rocks, 10% Gravel, 20% Sand, 30% Silt, 25% Clay	0.5	74.8	26.2
L1200E4600N	1200E	4600N	371199	6714600	10to20	Light Brown	B/C	S, Moderate	Alpine Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 10% Gravel, 20% Sand, 30% Silt, 30% Clay	0.6	31.4	9.4
L1200E4650N	1200E	4650N	371200	6714646	20-30	Light Brown	B/C	S, Moderate	Alpine Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 0% Angular Rocks, 10% Gravel, 20% Sand, 30% Silt, 30% Clay	1.3	28.6	15.3

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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L1200E4700N	1200E	4700N	371201	6714695	0-10	Light Brown	B/C	SE, Gentle	Buckbrush Valley Bottom, Talus Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 30% Sand, 30% Silt, 30% Clay	0.8	40.2	26.2
L1200E4750N	1200E	4750N	371203	6714746	0-10	Light Brown	B/C	SE, Gentle	Buckbrush/Marsh Valley Bottom, Loess Parent Material, Wet Soil, 25% Organics, 0% Angular Rocks, 0% Gravel, 10% Sand, 20% Silt, 45% Clay	0.6	44.6	41.1
L1200E4800N	1200E	4800N	371199	6714799	10to20	Light Brown	B/C	SE, Gentle	Alpine Valley Bottom, Talus Parent Material, Moist Soil, 10% Organics, 0% Angular Rocks, 0% Gravel, 10% Sand, 10% Silt, 70% Clay	0.5	36.8	18.3
L1200E4850N	1200E	4850N	371204	6714853	0-10	Light Brown	B/C	S, Gentle	Buckbrush/ Marsh Valley Bottom, Fluvial Parent Material, Wet Soil, 5% Organics, 0% Angular Rocks, 5% Gravel, 40% Sand, 30% Silt, 20% Clay	0.4	41.3	10.2
L1200E4900N	1200E	4900N	371196	6714902	0-10	Light Brown	B/C	S, Gentle	Buckbrush Valley Bottom, Loess Parent Material, Moist Soil, 10% Organics, 0% Angular Rocks, 0% Gravel, 10% Sand, 20% Silt, 60% Clay	0.5	30.2	10.3
L1200E4950N	1200E	4950N	371198	6714946	0-10	Light Brown	B/C	S, Gentle	Buckbrush Valley Bottom, Fluvial Parent Material, Wet Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 40% Sand, 20% Silt, 20% Clay	0.4	26.7	9.4
L1200E5000N	1200E	5000N	371198	6715003	10to20	Light Brown	B/C	S, Gentle	Buckbrush Valley Bottom, Loess Parent Material, Dry Soil, 10% Organics, 0% Angular Rocks, 0% Gravel, 30% Sand, 30% Silt, 30% Clay	0.5	46.6	20.8
L1200E5050N	1200E	5050N	371197	6715051	10to20	Light Brown	B/C	S, Gentle	Buckbrush Valley Bottom, Fluvial Parent Material, Dry Soil, 10% Organics, 0% Angular Rocks, 0% Gravel, 40% Sand, 30% Silt, 20% Clay	0.7	35.9	23.5
L1200E5100N	1200E	5100N	371202	6715106	0-10	Light Brown	B/C	S, Gentle	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 20% Gravel, 60% Sand, 10% Silt, 10% Clay	0.9	37.3	15.8
L1200E5150N	1200E	5150N	371201	6715143	20-30	Light Brown	B/C	S, Gentle	Buckbrush Mid Slope, Talus Parent Material, Wet Soil, 0% Organics, 0% Angular Rocks, 30% Gravel, 10% Sand, 10% Silt, 50% Clay	0.8	49.6	11.5
L1200E5200N	1200E	5200N	371203	6715201	0-10	Light Brown	C	NW, Steep	Buckbrush Mid Slope, Talus Parent Material, Wet Soil, 0% Organics, 0% Angular Rocks, 20% Gravel, 20% Sand, 10% Silt, 50% Clay	1	118.8	15.7
L1200E5250N	1200E	5250N	371200	6715246	0-10	Light Brown	C	NW, Moderate	Buckbrush Valley Bottom, Talus/ Fluvial Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 40% Gravel, 30% Sand, 20% Silt, 0% Clay	1	74.8	15.9
L1200E5300N	1200E	5300N	371201	6715302	10to20	Light Brown	B/C	NW, Gentle	Buckbrush Valley Bottom, Fluvial Parent Material, Moist Soil, 0% Organics, 10% Angular Rocks, 50% Gravel, 20% Sand, 10% Silt, 10% Clay	0.4	28.8	8.3
L1200E5350N	1200E	5350N	371199	6715349	10to20	Light Brown	B/C	NW, Gentle	Buckbrush Valley Bottom, Fluvial Parent Material, Wet Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 10% Sand, 10% Silt, 70% Clay	1.5	115	23.6
L1200E5400N	1200E	5400N	371197	6715399	0-10	Light Brown	B/C	W, Gentle		0.4	41.6	11.7

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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L1300E4400N	1300E	4400N	371301	6714403	20-30	Light Brown	B	S, Gentle	Buckbrush Valley Bottom, Fluvial Parent Material, Saturated Soil, 0% Organics, 0% Angular Rocks, 0% Gravel, 10% Sand, 40% Silt, 50% Clay	1.1	85	32.7
L1300E4450N	1300E	4450N	371297	6714449	10to20	Light Brown	C	E, Gentle	Buckbrush Valley Bottom/ Bench, Fluvial/ Talus Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 30% Sand, 40% Silt, 20% Clay	1.8	68.6	14.4
L1300E4500N	1300E	4500N	371300	6714502	20-30	Dark Brown	B/C	E, Gentle	Buckbrush Bench, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 50% Sand, 10% Silt, 10% Clay	1.7	42.8	19.8
L1300E4550N	1300E	4550N	371297	6714550	0-10	Light Brown	C	SE, Gentle	Buckbrush Valley Bottom, Fluvial Parent Material, Moist Soil, 0% Organics, 0% Angular Rocks, 30% Gravel, 50% Sand, 10% Silt, 10% Clay	0.4	24.9	8.6
L1300E4600N	1300E	4600N	371303	6714602	10to20	Light Brown	C	SE, Gentle	Buckbrush Valley Bottom, Fluvial/ Talus Parent Material, Dry Soil, 0% Organics, 5% Angular Rocks, 5% Gravel, 20% Sand, 20% Silt, 50% Clay	1.2	23.7	9.7
L1300E4650N	1300E	4650N	371300	6714651	10to20	Light Brown	C	SE, Gentle	Buckbrush Valley Bottom, Talus Parent Material, Dry Soil, 0% Organics, 50% Angular Rocks, 30% Gravel, 10% Sand, 5% Silt, 5% Clay	1.5	45.1	12.9
L1300E4700N	1300E	4700N	371294	6714699	0-10	ellowish Orang	C	SE, Gentle	Buckbrush Valley Bottom, Talus Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 30% Gravel, 20% Sand, 30% Silt, 10% Clay	1.2	21.5	14.3
L1300E4750N	1300E	4750N	371302	6714752	0-10	Light Brown	C	N/A	Buckbrush Valley Bottom, Talus Parent Material, Dry Soil, 10% Organics, 0% Angular Rocks, 20% Gravel, 40% Sand, 20% Silt, 10% Clay	0.5	71.8	11
L1300E4800N	1300E	4800N	371293	6714799	0-10	Light Brown	C	SE, Gentle	Alpine Bench, Talus Parent Material, Dry Soil 5% Organics, 0% Angular Rocks, 5% Gravel, 30% Sand, 30% Silt, 25% Clay	0.7	27.2	10
L1300E4850N	1300E	4850N	371295	6714844	10to20	Light Brown	B/C	S, Gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil 5% Organics, 5% Angular Rocks, 15% Gravel, 30% Sand, 20% Silt, 25% Clay	1	25.3	9.5
L1300E4900N	1300E	4900N	371301	6714900	10to20	Light Brown	B/C	S, Gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil 5% Organics, 0% Angular Rocks, 15% Gravel, 30% Sand, 30% Silt, 20% Clay	0.3	47.4	11
L1300E4950N	1300E	4950N	371303	6714949	20-30	Dark Brown	B/C	S, Gentle	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil 0% Organics, 10% Angular Rocks, 15% Gravel, 30% Sand, 30% Silt, 15% Clay	1.1	25.3	11.4
L1300E5000N	1300E	5000N	371301	6715004	0-10	Light Brown	C	S, Gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil 0% Organics, 10% Angular Rocks, 15% Gravel, 40% Sand, 25% Silt, 10% Clay	0.4	32.3	9.3
L1300E5050N	1300E	5050N	371301	6715055	0-10	Light Brown	B/C	S, Gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil 5% Organics, 5% Angular Rocks, 10% Gravel, 30% Sand, 30% Silt, 20% Clay	1.3	25.1	13.9
L1300E5100N	1300E	5100N	371300	6715100	0-10	Light Brown	B/C	S, Gentle	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil 15% Organics, 5% Angular Rocks, 5% Gravel, 0% Sand, 15% Silt, 60% Clay	1.4	35	11.2

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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L1300E5150N	1300E	5150N	371302	6715151	10to20	Light Brown	B/C	N/A flat	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil 10% Organics, 10% Angular Rocks, 10% Gravel, 30% Sand, 20% Silt, 20% Clay	0.9	39.2	18.8
L1300E5200N	1300E	5200N	371298	6715202	0-10	Light Brown	B/C	N, moderate	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil 0% Organics, 10% Angular Rocks, 10% Gravel, 30% Sand, 30% Silt, 20% Clay	0.7	38.8	14.3
L1300E5250N	1300E	5250N	371301	6715249	0-10	Light Brown	B	NW, Moderate	Alpine, Talus Parent Material, Dry Soil 10% Organics, 10% Angular Rocks, 5% Gravel, 10% Sand, 20% Silt, 45% Clay	0.2	34.6	7.3
L1300E5300N	1300E	5300N	371305	6715300	20-30	Dark Brown	B	NW, Gentle	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil 0% Organics, 0% Angular Rocks, 10% Gravel, 30% Sand, 30% Silt, 30% Clay	1.2	71.3	7.9
L1300E5350N	1300E	5350N	371300	6715349	10to20	Dark Brown	B/C	W, Gentle	Alpine/ Marsh Mid Slope, Talus Parent Material, Dry Soil 5% Organics, 5% Angular Rocks, 0% Gravel, 40% Sand, 30% Silt, 20% Clay	1.4	51.5	12.7
L1300E5400N	1300E	5400N	371298	6715400	10to20	Dark Brown	B	W, Gentle	Alpine/ Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 10% Gravel, 30% Sand, 20% Silt, 20% Clay	1.2	28.1	6.9
L200E4400N	200E	4400N	370205	6714404	10to20	Dark Brown	B	E, Steep	Buckbrush Bench, Talus Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 10% Gravel, 30% Sand, 30% Silt, 20% Clay	15.7	138.1	44.8
L200E4450N	200E	4450N	370197	6714458	0-10	Dark Brown	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 15% Gravel, 40% Sand, 25% Silt, 0% Clay	9.4	120.2	19.3
L200E4500N	200E	4500N	370200	6714500	0-10	Light Brown	B	E, Steep	Alpine/ Buckbrush Bench, Talus Parent Material, Dry Soil, 0% Organics, 15% Angular Rocks, 20% Gravel, 40% Sand, 20% Silt, 5% Clay	37.6	182.3	26.9
L200E4550N	200E	4550N	370203	6714561	20-30	Dark Brown	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 30% Sand, 30% Silt, 20% Clay	39.6	174.3	19.6
L200E4600N	200E	4600N	370208	6714603	20-30	Dark Brown	B	E, Steep	Alpine, Talus Parent Material, Dry Soil 10% Organics, 20% Angular Rocks, 5% Gravel, 40% Sand, 15% Silt, 10% Clay	44.4	204.3	18
L200E4650N	200E	4650N	370201	6714656	20-30	Light Brown	B	E, Steep		154.9	325.4	41.4
L200E4700N	200E	4700N	370200	6714700	0-10	Dark Brown	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 20% Organics, 20% Angular Rocks, 10% Gravel, 40% Sand, 10% Silt, 0% Clay	111.1	253.3	42.3
L200E4750N	200E	4750N	370193	6714751	20-30	Black	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 40% Sand, 20% Silt, 10% Clay	35.2	202.2	16.2
L200E4800N	200E	4800N	370209	6714812	10to20	Light Brown	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 40% Sand, 20% Silt, 20% Clay	45.7	145.2	28

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L200E4850N	200E	4850N	370201	6714859	0-10	ellowish Orang	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 10% Angular Rocks, 20% Gravel, 40% Sand, 20% Silt, 5% Clay	61	223.3	29.7
L200E4900N	200E	4900N	370211	6714890	20-30	Black	A	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 15% Gravel, 40% Sand, 25% Silt, 10% Clay	44	161.4	21.7
L200E4950N	200E	4950N	370194	6714966	10to20	Dark Brown	A/B	E, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 15% Angular Rocks, 20% Gravel, 40% Sand, 20% Silt, 5% Clay	10.6	57.4	10.8
L200E5000N	200E	5000N	370185	6715007	20-30	Dark Brown	B	E, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 10% Gravel, 30% Sand, 30% Silt, 20% Clay	57.1	164.8	37.2
L200E5050N	200E	5050N	370207	6715058	10to20	ellowish Orang	B	E, Steep	Buckbrush Mid Slope, Loess Parent Material, Dry Soil, 15% Organics, 5% Angular Rocks, 5% Gravel, 0% Sand, 15% Silt, 60% Clay	12	63.8	14.1
L200E5100N	200E	5100N	370200	6715100	0-10	Dark Brown	A	E, Steep	Buckbrush Plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 10% Sand, 70% Silt, 10% Clay	29.3	120.6	16.4
L200E5150N	200E	5150N	370200	6715150	10to20	Black	A/B	E, Steep	Buckbrush Plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 90% Angular Rocks, 0% Gravel, 0% Sand, 10% Silt, 0% Clay	6.6	58.7	5.8
L200E5200N	200E	5200N	370200	6715200	10to20	Light Brown	A	E, Steep	Buckbrush Plateau, Weathered Bedrock Parent Material, Moist Soil, 0% Organics, 80% Angular Rocks, 10% Gravel, 5% Sand, 0% Silt, 5% Clay	21.6	75.1	10.9
L200E5250N	200E	5250N	370194	6715254	10to20	ellowish Orang	B	E, Steep	Buckbrush Plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 20% Gravel, 20% Sand, 30% Silt, 30% Clay	14.9	84.1	13
L200E5300N	200E	5300N	370211	6715314	20-30	Black	B	E, Steep	Buckbrush Plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 20% Gravel, 20% Sand, 40% Silt, 0% Clay	10.6	77.2	9.7
L200E5350N	200E	5350N	370208	6715353	30-40	Dark Brown	B	E, Steep	Buckbrush Plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 40% Gravel, 30% Sand, 30% Silt, 0% Clay	13	108	18.8
L200E5400N	200E	5400N	370185	6715388	30-40	Olive Grey	B	E, Steep	Buckbrush Plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 50% Angular Rocks, 10% Gravel, 10% Sand, 20% Silt, 10% Clay	9.2	109.1	24.8
L300E4400N	300E	4400N	370300	6714391	20-30	Dark Brown	B/C	NE, Steep	Buckbrush Plateau, Weathered Bedrock Parent Material, Moist Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 10% Sand, 20% Silt, 60% Clay	36.6	271.7	52.3
L300E4450N	300E	4450N	370307	6714451	10to20	ddish Dark Bro	B/C	NE, Gentle	Buckbrush Plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 30% Sand, 60% Silt, 0% Clay	179.4	599.3	129.5
L300E4500N	300E	4500N	370300	6714498	10to20	Dark Brown	B/C	E, Gentle	Buckbrush Plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 30% Gravel, 40% Sand, 30% Silt, 0% Clay	24.1	166.5	24.3

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L300E4550N	300E	4550N	370298	6714547	10to20	Dark Brown	B	NE, Moderate	Buckbrush Plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 10% Sand, 30% Silt, 50% Clay	27.7	151.1	21.4
L300E4600N	300E	4600N	370300	6714602	10to20	Dark Brown	B/C	NE, Moderate	Buckbrush Plateau, Weathered Bedrock Parent Material, Moist Soil, 0% Organics, 20% Angular Rocks, 60% Gravel, 10% Sand, 5% Silt, 5% Clay	42.8	145.8	17.1
L300E4650N	300E	4650N	370296	6714649	10to20	Dark Brown	B/C	NE, Steep	Alpine Plateau, Weathered Bedrock Parent Material, Moist Soil, 0% Organics, 0% Angular Rocks, 0% Gravel, 20% Sand, 30% Silt, 50% Clay	10.7	66.6	19.5
L300E4700N	300E	4700N	370307	6714697	30-40	Dark Brown	B	E, Steep	Alpine Plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 30% Gravel, 30% Sand, 20% Silt, 10% Clay	27.6	76.8	13.3
L300E4750N	300E	4750N	370300	6714759	30-40	Dark Brown	B	E, Steep	Alpine Plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 20% Gravel, 20% Sand, 20% Silt, 20% Clay	23.2	99.5	22.4
L300E4800N	300E	4800N	370294	6714801	30-40	Dark Brown	B	E, Steep	Alpine Ridge Top, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 30% Gravel, 20% Sand, 20% Silt, 10% Clay	31	113.4	21.3
L300E4850N	300E	4850N	370286	6714858	30-40	Dark Brown	B	E, Steep	Alpine Mid Slope, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 20% Gravel, 0% Sand, 30% Silt, 30% Clay	18.8	132.9	19.9
L300E4900N	300E	4900N	370294	6714896	20-30	Dark Brown	B	E, Steep	Alpine Ridge Top, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 10% Sand, 30% Silt, 50% Clay	43.8	163.1	26.5
L300E4950N	300E	4950N	370296	6714948	10to20	Dark Brown	B	E, Steep	Alpine Ridge Top, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 20% Sand, 60% Silt, 0% Clay	8.5	50.6	13.6
L300E5000N	300E	5000N	370295	6715003	20-30	Greenish Grey	B	E, Steep	Alpine Ridge Top, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 50% Angular Rocks, 40% Gravel, 5% Sand, 5% Silt, 0% Clay	6.1	34.4	9.8
L300E5050N	300E	5050N	370297	6715054	30-40	Dark Brown	B	E, Steep	Alpine Ridge Top, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 60% Gravel, 30% Sand, 5% Silt, 5% Clay	42.3	128.2	19.6
L300E5100N	300E	5100N	370292	6715102	20-30	Light Brown	B	E, Steep	Buckbrush Valley Bottom, Fluvial Parent Material, Wet Soil, 0% Organics, 0% Angular Rocks, 0% Gravel, 20% Sand, 30% Silt, 50% Clay	33.7	131.7	20.8
L300E5150N	300E	5150N	370292	6715152	20-30	Dark Brown	B	E, Steep	Buckbrush Valley Bottom, Loess Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 40% Sand, 30% Silt, 20% Clay	14.3	117.8	13.7
L300E5200N	300E	5200N	370296	6715189	30-40	Dark Brown	B	E, Steep	Buckbrush Valley Bottom, Loess Parent Material, Moist Soil, 15% Organics, 0% Angular Rocks, 0% Gravel, 0% Sand, 20% Silt, 65% Clay	10.6	104.3	13.3
L300E5250N	300E	5250N	370302	6715243	30-40	Light Grey	B	E, Gentle	Buckbrush Mid Slope, Loess Parent Material, Moist Soil, 0% Organics, 0% Angular Rocks, 0% Gravel, 10% Sand, 30% Silt, 60% Clay	17.6	83	14.1

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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L300E5300N	300E	5300N	370308	6715300	40-50	Black	A	E, Gentle	Buckbrush Mid Slope, Loess Parent Material, Dry Soil, 10% Organics, 0% Angular Rocks, 0% Gravel, 10% Sand, 30% Silt, 50% Clay	5.8	135.5	11.9
L300E5350N	300E	5350N	370303	6715342	30-40	Black	A	E, Gentle	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 5% Angular Rocks, 10% Gravel, 35% Sand, 30% Silt, 20% Clay	8.8	141.3	24.1
L300E5400N	300E	5400N	370285	6715391	30-40	Dark Brown	B	E, Gentle	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 15% Gravel, 35% Sand, 30% Silt, 20% Clay	9.9	84.8	23.2
L400E4400N	400E	4400N	370397	6714409	30-40	Greenish Grey	B	NE, Gentle	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 10% Gravel, 30% Sand, 20% Silt, 20% Clay	16.3	45	10.6
L400E4450N	400E	4450N	370399	6714455	10to20	Light Brown	B	NE, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 5% Gravel, 35% Sand, 20% Silt, 20% Clay	38.2	227	31.9
L400E4500N	400E	4500N	370406	6714505	30-40	Dark Brown	B	NE, Moderate	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 10% Angular Rocks, 5% Gravel, 30% Sand, 30% Silt, 20% Clay	19.1	139	21.7
L400E4550N	400E	4550N	370411	6714553	20-30	Dark Brown	B	NE, Moderate	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 10% Angular Rocks, 15% Gravel, 40% Sand, 20% Silt, 10% Clay	16.3	101.9	20.6
L400E4600N	400E	4600N	370403	6714603	20-30	Dark Brown	B	NE, Moderate	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 10% Gravel, 30% Sand, 20% Silt, 20% Clay	24.2	113	19
L400E4650N	400E	4650N	370399	6714654	20-30	Dark Brown	B	E, Moderate	Buckbrush Mid Slope, Talus Parent Material, Moist Soil, 15% Organics, 15% Angular Rocks, 5% Gravel, 0% Sand, 15% Silt, 50% Clay	38	149.8	17.3
L400E4700N	400E	4700N	370404	6714708	40-50	Dark Brown	B	E, Gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 15% Angular Rocks, 5% Gravel, 30% Sand, 20% Silt, 20% Clay	13.2	103.3	16.3
L400E4750N	400E	4750N	370399	6714757	10to20	Dark Brown	B	E, Gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 15% Angular Rocks, 10% Gravel, 40% Sand, 20% Silt, 10% Clay	6.8	25.9	10.1
L400E4800N	400E	4800N	370391	6714803	0-10	Light Brown	B	E, Gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 10% Gravel, 40% Sand, 20% Silt, 10% Clay	14.5	49.9	10.5
L400E4850N	400E	4850N	370407	6714856	30-40	Light Brown	B	E, Gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 15% Gravel, 30% Sand, 25% Silt, 10% Clay	6.1	27.9	8
L400E4900N	400E	4900N	370402	6714910	10to20	Dark Brown	B	E, Gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 5% Gravel, 30% Sand, 25% Silt, 20% Clay	7.3	39.1	13.3
L400E4950N	400E	4950N	370401	6714949	20-30	Dark Brown	B	E, Gentle	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 15% Gravel, 30% Sand, 25% Silt, 10% Clay	11.7	52.2	10.8

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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L400E5000N	400E	5000N	370403	6714999	10to20	Dark Brown	B	E, Gentle	Alpine Mid Slope, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 15% Gravel, 40% Sand, 35% Silt, 0% Clay	12.4	69.3	14.2
L400E5050N	400E	5050N	370396	6715053	20-30	Light Brown	B	E, Flat	Alpine Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 10% Angular Rocks, 10% Gravel, 35% Sand, 20% Silt, 20% Clay	17.4	46	11
L400E5100N	400E	5100N	370390	6715102	20-30	Olive Grey	B	E, Flat	Dense Buckbrush Mid Slope, Loess Parent Material, Moist Soil, 15% Organics, 0% Angular Rocks, 0% Gravel, 0% Sand, 25% Silt, 60% Clay	26.4	99.2	15.1
L400E5150N	400E	5150N	370418	6715173	20-30	ddish Dark Bro	B	E, Flat	Dense Buckbrush Bench, Loess Parent Material, Moist Soil, 15% Organics, 0% Angular Rocks, 0% Gravel, 0% Sand, 25% Silt, 60% Clay	23.9	126.6	21.1
L400E5200N	400E	5200N	370410	6715201	10to20	Olive Grey	B	E, Gentle	Dense Buckbrush Bench, Loess Parent Material, Moist Soil, 20% Organics, 0% Angular Rocks, 0% Gravel, 0% Sand, 20% Silt, 60% Clay	12	55.7	23.2
L400E5250N	400E	5250N	370392	6715256	30-40	Dark Brown	A/B	E, Gentle	Dense Buckbrush Mid Slope, Loess Parent Material, Moist Soil, 15% Organics, 0% Angular Rocks, 0% Gravel, 0% Sand, 30% Silt, 55% Clay	13.9	163.9	40.3
L400E5300N	400E	5300N	370395	6715306	10to20	Olive Grey	B	E, Gentle	Buckbrush Mid Slope, Talus Parent Material, Moist Soil, 0% Organics, 10% Angular Rocks, 30% Gravel, 20% Sand, 30% Silt, 10% Clay	8.9	71.2	25.2
L400E5350N	400E	5350N	370388	6715347	30-40	Dark Brown	B	E, Gentle	Buckbrush Mid Slope, Talus Parent Material, Wet Soil, 0% Organics, 10% Angular Rocks, 30% Gravel, 30% Sand, 20% Silt, 10% Clay	9.3	113.1	19.1
L400E5400N	400E	5400N	370391	6715402	10to20	Light Brown	B	E, Gentle	Buckbrush Mid Slope, Talus/ Till Parent Material, Dry Soil, 0% Organics, 30% Angular Rocks, 20% Gravel, 30% Sand, 20% Silt, 0% Clay	19.4	69.3	30.5
L500E4400N	500E	4400N	370499	6714399	40-50	Dark Brown	A/B	NE, Steep	Buckbrush Mid Slope, Talus/ Till Parent Material, Moist Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 60% Sand, 10% Silt, 0% Clay	12.7	102.6	13.7
L500E4450N	500E	4450N	370505	6714444	20-30	Dark Brown	B	NE, Gentle	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 60% Sand, 10% Silt, 0% Clay	11	69.4	15.1
L500E4500N	500E	4500N	370503	6714496	20-30	Dark Brown	B	NE, Gentle	Buckbrush Mid Slope, Talus/ Fluvial Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 10% Sand, 40% Silt, 30% Clay	12.9	95.5	13.4
L500E4550N	500E	4550N	370499	6714548	20-30	Light Brown	B	NE, Gentle		48.8	201.4	46.8
L500E4600N	500E	4600N	370498	6714596	20-30	Dark Brown	B	NE, Gentle	Buckbrush Valley Bottom, Talus/ Fluvial Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 20% Sand, 30% Silt, 30% Clay	7	33	10.1
L500E4650N	500E	4650N	370500	6714651	30-40	Greenish Grey	B	NE, Gentle	Buckbrush Bench, Talus/ Till Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 40% Sand, 20% Silt, 10% Clay	34.9	132.2	17.7

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L500E4700N	500E	4700N	370503	6714703	10to20	Dark Brown	B	NE, Gentle	Buckbrush Bench, Talus/ Till Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 10% Sand, 40% Silt, 40% Clay	41.2	151.3	17.1
L500E4750N	500E	4750N	370498	6714752	20-30	Dark Brown	B	NE, Gentle	Buckbrush Bench, Talus/ Till Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 20% Gravel, 20% Sand, 30% Silt, 20% Clay	6.5	65.1	13.4
L500E4800N	500E	4800N	370500	6714800	20-30	Dark grey	B	NE, Gentle	Buckbrush Mid Slope, Talus/ Till Parent Material, Dry Soil, 0% Organics, 30% Angular Rocks, 30% Gravel, 20% Sand, 20% Silt, 0% Clay	6.8	24.9	9.6
L500E4850N	500E	4850N	370502	6714848	40-50	Light Brown	B	NW, Gentle	Buckbrush Mid Slope, Talus/ Till Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 30% Gravel, 30% Sand, 20% Silt, 0% Clay	37.6	101.1	20.8
L500E4900N	500E	4900N	370494	6714900	10to20	Light Brown	B	N/A	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 30% Gravel, 30% Sand, 20% Silt, 10% Clay	11.7	46.3	12
L500E4950N	500E	4950N	370485	6714971	20-30	Greenish Grey	B	N/A	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 30% Gravel, 30% Sand, 20% Silt, 0% Clay	7.6	81.5	14.6
L500E5050N	500E	5050N	370460	6715047	0-10	Light Brown	tream Sedimer	N/A	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 0% Gravel, 10% Sand, 60% Silt, 30% Clay	12.6	33.6	16.5
L500E5100N	500E	5100N	370532	6715097	30-40	Light Brown	B	N/A	Buckbrush Mid Slope, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 50% Angular Rocks, 10% Gravel, 10% Sand, 30% Silt, 0% Clay	2.6	56.6	16.9
L500E5150N	500E	5150N	370517	6715149	10to20	Dark Brown	B	N/A	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 20% Gravel, 20% Sand, 40% Silt, 20% Clay	3	110.8	14.7
L500E5200N	500E	5200N	370502	6715211	10to20	Light Brown	B	Flat	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 10% Sand, 40% Silt, 20% Clay	2.2	79.6	16.1
L500E5250N	500E	5250N	370502	6715251	0-10	ish Grey/ Light	B	Flat	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 20% Sand, 40% Silt, 10% Clay	2	46.2	12
L500E5300N	500E	5300N	370500	6715298	0-10	Dark Brown	B	Flat	Buckbrush Bench/ Mid Slope, Fluvial/ Talus/ Till Parent Material, Saturated Soil, 0% Organics, 20% Angular Rocks, 30% Gravel, 20% Sand, 20% Silt, 10% Clay	2.3	92.9	18.4
L500E5350N	500E	5350N	370499	6715352	20-30	Light Brown	B	N, Gentle	Buckbrush Bench, Fluvial/ Talus Parent Material, Saturated Soil, 0% Organics, 20% Angular Rocks, 30% Gravel, 30% Sand, 20% Silt, 0% Clay	3.7	101.5	14.2
L500E5400N	500E	5400N	370498	6715399	30-40	Dark grey	B	N, Gentle	Buckbrush Valley Bottom, Fluvial Parent Material, dry Soil, 0% Organics, 0% Angular Rocks, 0% Gravel, 10% Sand, 60% Silt, 30% Clay	3.5	39.7	18.4
L600E4400N	600E	4400N	370600	6714395	10to20	Light Brown	B	NE, gentle	Buckbrush Valley Bottom, Fluvial Parent Material, Wet Soil, 0% Organics, 0% Angular Rocks, 20% Gravel, 60% Sand, 20% Silt, 0% Clay	30.7	163.1	34.6

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Soil Sample Log
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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L600E4450N	600E	4450N	370602	6714451	30-40	Dark Brown	B	NE, gentle	Buckbrush Valley Bottom, Talus/ Fluvial Parent Material, Moist Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 50% Sand, 30% Silt, 10% Clay	17.8	81.8	11.5
L600E4500N	600E	4500N	370597	6714504	30-40	Dark Brown	B	NE, gentle	Buckbrush Mid Slope/ Valley Bottom, Talus Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 30% Sand, 40% Silt, 20% Clay	18.4	60.9	13
L600E4550N	600E	4550N	370599	6714544	30-40	Light Brown	B	NE, gentle	Buckbrush, Red moss (not sphagnum) and Mustard family plants, Mid Slope, Fluvial Parent Material, Wet soil. Taken from toe of talus bank (talus consisted of diorite and granodiorite with micro vein swarms of pyrite.	14.9	117.6	24.1
L600E4600N	600E	4600N	370595	6714603	10to20	Light Brown	B	NE, gentle	Buckbrush Mid slope, Talus Parent Material, Dry Soil, 0% Organics, 30% Angular Rocks, 30% Gravel, 20% Sand, 20% Silt, 0% Clay	7.2	39.3	9.1
L600E4650N	600E	4650N	370592	6714646	30-40	Light Brown	B	NE, gentle	Buckbrush Mid slope, Talus Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 10% Sand, 80% Silt, 0% Clay	40.4	144.1	30.8
L600E4750N	600E	4750N	370623	6714757	10to20	Light Brown	B	NW, Gentle	Buckbrush Mid slope, Talus/ weathered bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 10% Sand, 70% Silt, 10% Clay	3	148.6	11.2
L600E4800N	600E	4800N	370611	6714800	10to20	Light Brown	B	W, Gentle	Buckbrush Plateau, Weathered bedrock Parent Material, Dry Soil, 0% Organics, 30% Angular Rocks, 30% Gravel, 20% Sand, 20% Silt, 0% Clay	1	23.2	7.8
L600E4850N	600E	4850N	370595	6714852	0-10	Light Brown	B	W, Gentle	Buckbrush Plateau, Weathered bedrock Parent Material, Dry Soil, 0% Organics, 30% Angular Rocks, 30% Gravel, 20% Sand, 10% Silt, 10% Clay	2.3	78	12.6
L600E4900N	600E	4900N	370601	6714895	30-40	Light Brown	B	N/A	Buckbrush Plateau, Weathered bedrock/ Talus Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 10% Sand, 40% Silt, 40% Clay	3.2	119.6	15.7
L600E4950N	600E	4950N	370594	6714955	20-30	Light Brown	B	W, Gentle	Buckbrush Plateau, Weathered bedrock Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 10% Gravel, 10% Sand, 30% Silt, 30% Clay	0.9	52.4	11.7
L600E5000N	600E	5000N	370585	6714987	20-30	Light Brown	B	W, Gentle	Buckbrush Plateau, Weathered bedrock Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 30% Gravel, 20% Sand, 30% Silt, 30% Clay	2.5	25.7	10.8
L600E5050N	600E	5050N	370603	6715049	30-40	Light Brown	B	w, moderate	Buckbrush Plateau, Weathered bedrock Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 20% Sand, 30% Silt, 20% Clay	1.3	35.3	9
L600E5100N	600E	5100N	370597	6715094	20-30	Light Brown	B	w, moderate	Buckbrush Plateau, Weathered bedrock Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 20% Sand, 30% Silt, 30% Clay	1.4	35	12.4
L600E5150N	600E	5150N	370599	6715151	10to20	Light Brown	B	w, moderate	Buckbrush Plateau, Weathered bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 0% Gravel, 10% Sand, 40% Silt, 50% Clay	3.4	66	21.7
L600E5200N	600E	5200N	370595	6715207	20-30	Light Brown	B	w, steep	Buckbrush Plateau, Weathered bedrock Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 20% Sand, 20% Silt, 30% Clay	1.9	34.5	18.5

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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L600E5250N	600E	5250N	370603	6715251	0-10	own/ yellowish	C	SW, Steep	Alpine Plateau, Weathered bedrock Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 10% Sand, 30% Silt, 30% Clay	11.7	93.6	57
L600E5300N	600E	5300N	370605	6715306	20-30	Light Brown	B	w, moderate	Alpine Plateau, Weathered bedrock Parent Material, Dry Soil, 0% Organics, 30% Angular Rocks, 20% Gravel, 20% Sand, 30% Silt, 0% Clay	3.1	28	14.7
L600E5350N	600E	5350N	370597	6715349	0-10	Light Brown	B	w, moderate	Alpine Ridge Top, Weathered bedrock Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 10% Sand, 40% Silt, 30% Clay	3	127	36.5
L600E5400N	600E	5400N	370601	6715404	10to20	Light Brown	B	SW, Moderate	Alpine Mid slope, Talus/ Weathered Bedrock Parent Material, Moist Soil, 0% Organics, 10% Angular Rocks, 40% Gravel, 0% Sand, 0% Silt, 50% Clay	2.7	45.1	37.5
L700E4400N	700E	4400N	370701	6714398	10to20	Light Brown	B	N, Gentle	Alpine Mid slope, Weathered Bedrock Parent Material, Wet Soil, 0% Organics, 20% Angular Rocks, 20% Gravel, 10% Sand, 20% Silt, 30% Clay	43.7	362	25.5
L700E4450N	700E	4450N	370700	6714453	20-30	Light Brown	B	N, Gentle	Alpine/ Buckbrush plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 20% Gravel, 20% Sand, 40% Silt, 20% Clay	76.5	168.5	20.7
L700E4500N	700E	4500N	370705	6714499	30-40	LightBrown	B	N/A	Alpine/ Buckbrush plateau, Weathered Bedrock Parent Material, wet Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 10% Sand, 40% Silt, 30% Clay	25	74.8	37
L700E4550N	700E	4550N	370703	6714554	0-10	Light Brown	N/A	NW, Gentle	Alpine plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 20% Gravel, 20% Sand, 40% Silt, 20% Clay	11.6	53.3	40
L700E4600N	700E	4600N	370700	6714594	0-10	Light Brown	B	NW, Gentle	Buckbrush Bench, Loess Parent Material, Dry Soil, 15% Organics, 10% Angular Rocks, 0% Gravel, 5% Sand, 30% Silt, 40% Clay	4.3	87.7	12.1
L700E4650N	700E	4650N	370698	6714656	10to20	Light Brown	B	W, Gentle	Evergreen Clump Mid slope, Talus Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 10% Gravel, 30% Sand, 20% Silt, 30% Clay	1.1	79.3	18.2
L700E4700N	700E	4700N	370701	6714693	20-30	Greenish Grey	B	SW, Gentle	Buckbrush Mid slope, Talus Parent Material, Dry Soil, 10% Organics, 15% Angular Rocks, 20% Gravel, 30% Sand, 25% Silt, 0% Clay	1.1	60.1	8.5
L700E4750N	700E	4750N	370710	6714749	20-30	Dark Brown	A/B	SW, Moderate	Buckbrush Mid slope, Talus Parent Material, Dry Soil, 5% Organics, 10% Angular Rocks, 15% Gravel, 40% Sand, 20% Silt, 20% Clay	0.8	91	10.1
L700E4800N	700E	4800N	370699	6714790	20-30	LightBrown	B	SW, gentle	Buckbrush Mid slope, Talus Parent Material, Dry Soil, 10% Organics, 15% Angular Rocks, 15% Gravel, 40% Sand, 20% Silt, 0% Clay	2.1	76.5	15.7
L700E4850N	700E	4850N	370698	6714836	10to20	Light Brown	B	SW, Steep	Buckbrush Mid slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 10% Gravel, 40% Sand, 30% Silt, 0% Clay	2.3	43.1	14.6
L700E4900N	700E	4900N	370701	6714894	10to20	Light Brown	B	SW, gentle	Buckbrush Mid slope, Talus Parent Material, Dry Soil, 10% Organics, 5% Angular Rocks, 10% Gravel, 40% Sand, 30% Silt, 5% Clay	1.8	90.9	15.7

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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L700E4950N	700E	4950N	370703	6714961	0-10	Light Brown	B	SW, Steep	Alpine/ Buckbrush Mid slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 10% Gravel, 40% Sand, 30% Silt, 0% Clay	1.6	150.7	21.5
L700E5000N	700E	5000N	370708	6714991	0-10	Dark Brown	A	SW, Steep	Alpine/ Buckbrush Mid slope, Talus Parent Material, Dry Soil, 10% Organics, 5% Angular Rocks, 10% Gravel, 40% Sand, 30% Silt, 5% Clay	1.4	62.3	28.1
L700E5100N	700E	5100N	370708	6715088	0-10	Light Brown	A/B	SW, Steep	Alpine Bench, Talus Parent Material, Dry Soil, 5% Organics, 0% Angular Rocks, 15% Gravel, 40% Sand, 35% Silt, 5% Clay	1.6	41.8	129.4
L700E5150N	700E	5150N	370707	6715142	0-10	Light Brown	B	SW, Steep	Alpine Bench, Talus Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 15% Gravel, 15% Sand, 20% Silt, 40% Clay	0.8	67.7	53.1
L700E5200N	700E	5200N	370706	6715192	20-30	Dark Brown	B	SW, Steep	Alpine Mid slope, Talus Parent Material, Dry Soil, 5% Organics, 0% Angular Rocks, 20% Gravel, 40% Sand, 25% Silt, 10% Clay	1	42.9	30.2
L700E5250N	700E	5250N	370716	6715248	0-10	ellowish Orang	B	SW, Steep	Alpine Mid slope, Talus Parent Material, Dry Soil, 10% Organics, 0% Angular Rocks, 15% Gravel, 40% Sand, 30% Silt, 5% Clay	1.3	95.1	22.1
L700E5300N	700E	5300N	370704	6715292	10to20	Dark Brown	B	SW, Moderate	Alpine Mid slope, Talus Parent Material, Dry Soil, 5% Organics, 10% Angular Rocks, 15% Gravel, 40% Sand, 30% Silt, 0% Clay	2.1	83	10.6
L700E5350N	700E	5350N	370702	6715337	0-10	Light Brown	B	SW, Steep	Alpine Mid slope, Talus Parent Material, Dry Soil, 10% Organics, 0% Angular Rocks, 10% Gravel, 40% Sand, 30% Silt, 10% Clay	1.3	84.3	12.9
L700E5400N	700E	5400N	370697	6715411	0-10	ellowish Orang	B	SW, Steep	Alpine Mid slope, Talus Parent Material, Dry Soil, 0% Organics, 5% Angular Rocks, 10% Gravel, 30% Sand, 40% Silt, 10% Clay	1.6	41.2	19.4
L800E4400N	800E	4400N	370785	6714397	0-10	Greenish Grey	N/A	flat	Alpine Mid slope, Talus Parent Material, Dry Soil, 15% Organics, 15% Angular Rocks, 20% Gravel, 20% Sand, 20% Silt, 10% Clay	17	63.5	45.7
L800E4450N	800E	4450N	370798	6714459	20-30	Light Brown	B	SW, gentle	Alpine Mid slope, Talus Parent Material, Dry Soil, 10% Organics, 0% Angular Rocks, 10% Gravel, 20% Sand, 30% Silt, 30% Clay	2.2	55.2	13.8
L800E4500N	800E	4500N	370809	6714501	40-50	Dark Brown	A/B	SW, flat	Alpine/ Buckbrush Mid slope, Talus Parent Material, Dry Soil, 15% Organics, 10% Angular Rocks, 5% Gravel, 10% Sand, 30% Silt, 40% Clay	3.1	189.5	15.7
L800E4550N	800E	4550N	370797	6714554	20-30	Light Brown	B	SW, gentle	Alpine Mid slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 15% Gravel, 30% Sand, 25% Silt, 20% Clay	2.3	169.8	14
L800E4600N	800E	4600N	370800	6714598	20-31	Light Brown	B	SW, gentle	Alpine Mid slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 5% Gravel, 10% Sand, 25% Silt, 40% Clay	3	63.4	13.3
L800E4650N	800E	4650N	370797	6714658	0-10	ellowish Orang	B	SW, gentle	Alpine Mid slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 10% Gravel, 20% Sand, 30% Silt, 40% Clay	3.6	61.6	21.2

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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L800E4700N	800E	4700N	370788	6714700	30-40	Light Brown	B	SW, Steep	Buckbrush Bench, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 20% Gravel, 30% Sand, 30% Silt, 0% Clay	1.9	226.5	25
L800E4750N	800E	4750N	370804	6714741	30-40	Light Brown	B	SW, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 10% Gravel, 30% Sand, 20% Silt, 20% Clay	2	257.5	20.8
L800E4800N	800E	4800N	370804	6714793	10to20	Light Brown	B	SW, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 10% Angular Rocks, 15% Gravel, 30% Sand, 30% Silt, 20% Clay	2.7	31.7	17.5
L800E4850N	800E	4850N	370794	6714846	10to20	ellowish Orang	B	SW, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 20% Gravel, 40% Sand, 30% Silt, 0% Clay	2.5	105.3	74.4
L800E4900N	800E	4900N	370790	6714903	20-30	Light Brown	B	SW, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 10% Angular Rocks, 15% Gravel, 40% Sand, 30% Silt, 10% Clay	1.4	49.7	53.8
L800E4950N	800E	4950N	370790	6714959	10to20	Dark Brown	B	SW, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 10% Angular Rocks, 5% Gravel, 20% Sand, 30% Silt, 30% Clay	0.9	93.9	127.1
L800E5000N	800E	5000N	370787	6714994	40-50	Black	A	SW, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 30% Sand, 30% Silt, 20% Clay	0.6	97.4	91.6
L800E5050N	800E	5050N	370785	6715056	30-40	Light Brown	B	SW, Steep	Alpine Ridge Top/ Plateau, Weathered Bedrock Parent Material, Dry Soil, 10% Organics, 0% Angular Rocks, 10% Gravel, 20% Sand, 30% Silt, 30% Clay	1.1	103.6	220.1
L800E5100N	800E	5100N	370795	6715100	20-30	Dark Brown	B	SW, Steep	Alpine Plateau, Weathered Bedrock Parent Material, Dry Soil, 10% Organics, 0% Angular Rocks, 10% Gravel, 20% Sand, 30% Silt, 30% Clay	1.1	76.3	138.8
L800E5150N	800E	5150N	370810	6715154	10to20	Dark Brown	B	SW, Steep	Alpine Mid Slope, Talus Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 10% Gravel, 20% Sand, 30% Silt, 30% Clay	1.3	97.5	274
L800E5200N	800E	5200N	370810	6715203	0-10	Dark Brown	B	SW, Steep	Alpine Plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 10% Sand, 30% Silt, 50% Clay	1.7	77.9	56.4
L800E5250N	800E	5250N	370800	6715267	20-30	Dark Brown	B	SW, Steep	Alpine Mid Slope/ Plateau, Weathered Bedrock/ Talus Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 10% Sand, 30% Silt, 50% Clay	1.4	141.5	13.9
L800E5300N	800E	5300N	370790	6715294	0-10	Light Brown	B	SW, Steep	Alpine Plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics,10% Angular Rocks, 10% Gravel, 30% Sand, 30% Silt, 20% Clay	1.8	97.5	7.1
L800E5350N	800E	5350N	370787	6715345	0-10	ellowish Orang	B	SW, Steep	Alpine Plateau, Weathered Bedrock Parent Material, Dry Soil, 10% Organics, 5% Angular Rocks, 10% Gravel, 0% Sand, 30% Silt, 45% Clay	2.2	687.8	16.2
L800E5400N	800E	5400N	370792	6715389	0-10	Dark Brown	B	SW, Steep	Alpine Mid Slope, Weathered Bedrock Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 10% Gravel, 20% Sand, 20% Silt, 40% Clay	1	109.9	11.7

GROMMET 2013
Soil Sample Log
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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L900E4400N	900E	4400N	370898	6714406	20-30	Black	A/B	SW, gentle	Alpine Ridge Top, Talus Parent Material, Dry Soil, 5% Organics, 10% Angular Rocks, 10% Gravel, 10% Sand, 30% Silt, 35% Clay	2.7	193.9	9.5
L900E4450N	900E	4450N	370905	6714442	20-30	Dark grey	A/B	flat	Alpine Ridge Top, Weathered bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 0% Sand, 30% Silt, 60% Clay	1.8	36.8	7.6
L900E4500N	900E	4500N	370909	6714492	20-30	Black	A	flat	Alpine Plateau, Weathered Bedrock Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 10% Gravel, 0% Sand, 10% Silt, 75% Clay	2.7	144.8	7.6
L900E4550N	900E	4550N	370896	6714546	20-30	Dark Brown	A/B	SW, gentle	Alpine Plateau, Talus Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 10% Gravel, 20% Sand, 30% Silt, 30% Clay	2.3	162.4	18.7
L900E4600N	900E	4600N	370908	6714614	0-10	Light Brown	B	SSW, Steep	Alpine Plateau, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 5% Gravel, 0% Sand, 20% Silt, 75% Clay	1.8	33.5	10.5
L900E4650N	900E	4650N	370895	6714659	0-10	ellowish Orang	B	SSW, Steep	Alpine Plateau, Weathered Bedrock Parent Material, Dry Soil, 5% Organics, 5% Angular Rocks, 10% Gravel, 20% Sand, 30% Silt, 30% Clay	1.1	61.1	22.9
L900E4700N	900E	4700N	370902	6714706	20-30	ellowish Orang	B	SSW, Steep	Alpine Plateau, Weathered Bedrock Parent Material, Dry Soil, 5% Organics, 0% Angular Rocks, 5% Gravel, 20% Sand, 20% Silt, 50% Clay	1	34.4	22.3
L900E4750N	900E	4750N	370892	6714755	10to20	ellowish Orang	B	SSW, Steep	Alpine Plateau, Weathered Bedrock Parent Material, Dry Soil, 10% Organics, 10% Angular Rocks, 10% Gravel, 10% Sand, 30% Silt, 30% Clay	1.3	38.3	15.6
L900E4800N	900E	4800N	370893	6714793	0-10	Light Brown	B	SW, gentle	Alpine Mid slope, Talus Parent Material, Dry Soil, 5% Organics, 10% Angular Rocks, 10% Gravel, 10% Sand, 35% Silt, 30% Clay	0.8	71.1	35.7
L900E4850N	900E	4850N	370890	6714849	20-30	Dark grey	B	SW, gentle	Alpine Mid slope, Talus Parent Material, Dry Soil, 5% Organics, 10% Angular Rocks, 0% Gravel, 0% Sand, 20% Silt, 65% Clay	0.8	94.9	28.3
L900E4900N	900E	4900N	370889	6714893	0-10	Light Brown	B	SW, Steep	Alpine/ Buchbrush Plateau, Loess Parent Material, Moist Soil, 0% Organics, 0% Angular Rocks, 0% Gravel, 0% Sand, 30% Silt, 70% Clay	0.9	56	104.8
L900E4950N	900E	4950N	370891	6714961	0-10	Light Brown	B	SW, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 20% Gravel, 20% Sand, 60% Silt, 0% Clay	1.1	108.7	188.9
L900E5000N	900E	5000N	370903	6714998	20-30	Light Brown	B	SW, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 20% Sand, 60% Silt, 0% Clay	1.4	44.1	56.7
L900E5050N	900E	5050N	370909	6715059	20-30	Dark Brown	B	SW, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 20% Gravel, 20% Sand, 40% Silt, 0% Clay	1.1	127.2	45.4
L900E5100N	900E	5100N	370889	6715098	0-10	Light Brown	B	SW, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 30% Gravel, 30% Sand, 20% Silt, 0% Clay	0.9	69.4	568.7

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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L900E5150N	900E	5150N	370901	6715147	40-50	Dark Brown	A/B	SW, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 20% Gravel, 10% Sand, 50% Silt, 0% Clay	1.1	64.4	55.1
L900E5200N	900E	5200N	370883	6715195	0-10	Dark Brown	B	SW, Steep	Buckbrush Mid Slope, Talus Parent Material, Dry Soil, 0% Organics, 50% Angular Rocks, 30% Gravel, 10% Sand, 10% Silt, 0% Clay	1.9	89.8	19.8
L900E5250N	900E	5250N	370900	6715254	30-40	Dark Brown	A/B	SW, Steep	Buckbrush Mid Slope, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 50% Angular Rocks, 20% Gravel, 20% Sand, 10% Silt, 0% Clay	0.8	74	10.8
L900E5300N	900E	5300N	370908	6715323	0-10	Light Brown	B	SW, Steep	Buckbrush Mid Slope/ Bench, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 40% Angular Rocks, 20% Gravel, 20% Sand, 20% Silt, 0% Clay	1.1	145	13.4
L900E5350N	900E	5350N	370899	6715354	10to20	Dark Brown	A/B	SW, Steep	Buckbrush Mid Slope, Weathered Bedrock/ Talus Parent Material, Dry Soil, 0% Organics, 80% Angular Rocks, 10% Gravel, 0% Sand, 10% Silt, 0% Clay	1.1	65.3	8.8
L900E5400N	900E	5400N	370900	6715396	10to20	Dark Brown	A/B	SW, Steep	Alpine Mid slope, Talus Parent Material, Dry Soil, 0% Organics, 80% Angular Rocks, 10% Gravel, 0% Sand, 10% Silt, 0% Clay	1.1	65.3	14.2
L999N1000E	999N	1000E	370996	6713044	0-10	Light Brown	B	NE, Moderate	Evergreen forest, Valley bottom/ mid slope, Talus Parent Material, Dry Soil 5% Organics, 5% Angular Rocks, 5% Gravel, 30% Sand, 35% Silt, 20% Clay	0.6	21.1	7
L999N100E	999N	100E	370112	6713005	0-10	Light Grey	A/B	SW, Moderate	Evergreen forest, Mid slope, Talus Parent Material, Dry Soil 5% Organics, 0% Angular Rocks, 5% Gravel, 40% Sand, 30% Silt, 20% Clay	0.5	17	5.1
L999N1100E	999N	1100E	371111	6713073	10to20	Light Brown	B	NE, Moderate	Evergreen forest, Mid slope/ Bench, Talus Parent Material, Dry Soil 5% Organics, 0% Angular Rocks, 5% Gravel, 0% Sand, 30% Silt, 60% Clay	0.5	15.3	7.2
L999N1200E	999N	1200E	371200	6713065	10to20	Light Brown	B	NE, Moderate	Buckrush Mid slope, Talus Parent Material, Dry Soil 10% Organics, 0% Angular Rocks, 5% Gravel, 30% Sand, 30% Silt, 25% Clay	2	8.6	5.7
L999N1300E	999N	1300E	371304	6713052	10to20	Light Brown	B	E, gentle	Buckrush Mid slope, Talus Parent Material, Dry Soil 5% Organics, 0% Angular Rocks, 5% Gravel, 40% Sand, 30% Silt, 20% Clay	5.3	9.7	5.7
L999N1400E	999N	1400E	371398	6713057	10to20	Light Brown	B	E, gentle	Buckrush Mid slope, Talus Parent Material, Dry Soil 10% Organics, 0% Angular Rocks, 0% Gravel, 30% Sand, 30% Silt, 30% Clay	2.6	22.9	8.3
L999N1500E	999N	1500E	371512	6713042	10to20	Light Grey	B	N/A	Alpine Mid slope, Talus Parent Material, Dry Soil 0% Organics, 0% Angular Rocks, 5% Gravel, 30% Sand, 30% Silt, 45% Clay	5.5	20.2	6.8
L999N1600E	999N	1600E	371594	6713032	20-30	Light Grey	B	N, Gentle	Alpine Bench, Talus Parent Material, Dry Soil 0% Organics, 0% Angular Rocks, 10% Gravel, 20% Sand, 30% Silt, 40% Clay	4.3	13.9	6.5
L999N1700E	999N	1700E	371698	6713025	20-30	Light Brown	B	W, Gentle	Buckbrush/ Marsh Valley Bottom, Weathered Bedrock/ Fluvial Parent Material, Moist Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 10% Sand, 20% Silt, 60% Clay	8.5	26	9.9

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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L999N1800E	999N	1800E	371801	6713038	20-30	Light Brown	B	W, Gentle	Buckbrush/ Marsh Valley Bottom, Fluvial Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 20% Gravel, 10% Sand, 60% Silt, 10% Clay	76.8	43.8	15.6
L999N1900E	999N	1900E	371888	6713028	0-10	Dark Brown	B/C	W, Gentle	Buckbrush/ Marsh Valley Bottom, Weathered bedrock/ Fluvial Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 30% Gravel, 20% Sand, 50% Silt, 0% Clay	24.8	23.1	13.5
L999N2000E	999N	2000E	372003	6713045	30-40	Light Brown	B	W, Gentle	Buckbrush/ Marsh Valley Bottom, Fluvial Parent Material, Saturated Soil, 0% Organics, 50% Angular Rocks, 20% Gravel, 20% Sand, 10% Silt, 0% Clay	75.3	40.9	13.5
L999N200E	999N	200E	370176	6712993	10to20	ellowish orang	B	SW, Steep	Buckbrush/ Marsh Valley Bottom, Fluvial Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 0% Gravel, 60% Sand, 30% Silt, 10% Clay	0.5	7.8	6.5
L999N2100E	999N	2100E	372102	6713034	20-30	greenish Grey	B	W, Gentle	Buckbrush/ Marsh Mid slope, Weathered bedrock/ Fluvial Parent Material, Moist Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 10% Sand, 10% Silt, 60% Clay	23.4	35.7	12.4
L999N2200E	999N	2200E	372202	6713025	10to20	Dark Brown	B	W, Gentle	Buckbrush/ Marsh Mid slope, Weathered bedrock/ Fluvial Parent Material, Moist Soil, 0% Organics, 20% Angular Rocks, 20% Gravel, 20% Sand, 20% Silt, 20% Clay	9.3	12.2	9.3
L999N2300E	999N	2300E	372309	6713004	10to20	Dark Brown	B	W, Gentle	Buckbrush Mid slope, Weathered bedrock Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 20% Gravel, 20% Sand, 40% Silt, 0% Clay	2.3	28.4	6.4
L999N2400E	999N	2400E	372405	6713032	10to20	Dark Brown	B	W, Gentle	Buckbrush Mid slope, Till Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 40% Gravel, 40% Sand, 20% Silt, 0% Clay	5.6	44.6	8.1
L999N2500E	999N	2500E	372493	6713069	0-10	Light Brown	B/C	w, moderate	Buckbrush Mid slope, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 50% Angular Rocks, 20% Gravel, 10% Sand, 20% Silt, 0% Clay	1.1	33.4	8.2
L999N2600E	999N	2600E	372600	6713063	0-10	Light Brown	B/C	w, moderate	Buckbrush Mid slope, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 10% Gravel, 10% Sand, 40% Silt, 20% Clay	1	33	7.9
L999N2700E	999N	2700E	372698	6713049	10to20	Dark Brown	B/C	SW, gentle	Buckbrush Mid slope, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 40% Gravel, 40% Sand, 20% Silt, 0% Clay	1.1	13.6	6.9
L999N2800E	999N	2800E	372802	6713053	10to20	own/ Yellowish	B/C	S, Moderate	Buckbrush Mid slope, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 40% Gravel, 20% Sand, 20% Silt, 0% Clay	0.9	14.9	8.3
L999N2900E	999N	2900E	372884	6713045	10to20	Light Brown	B/C	SE, moderate	Buckbrush Mid slope, Weathered Bedrock Parent Material, Dry Soil, 0% Organics, 30% Angular Rocks, 30% Gravel, 20% Sand, 20% Silt, 0% Clay	1.7	18.2	9.2
L999N3000E	999N	3000E	373086	6712939	N/A	Light Brown	N/A	S, moderate	Buckbrush Valley Bottom, Fluvial Parent Material, Saturated Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 30% Sand, 40% Silt, 0% Clay	1.2	27.8	11.8
L999N300E	999N	300E	370275	6713020	10to20	Light Brown	B	SW, gentle	Buckbrush Mid slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 20% Sand, 40% Silt, 10% Clay	0.3	105.7	12.2

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Sample #	*Line*	*Station*	*UTME*	*UTMN*	*Depth (cm)*	*Color*	*Material*	*Aspect*	*Sample Description*	PPM 0.1 Mo	PPM 0.1 Cu	PPM 0.1 Pb
L999N400E	999N	400E	370381	6713015	10to20	Light Brown	B	SW, Steep	Buckbrush Mid slope, Talus Parent Material, Dry Soil, 0% Organics, 0% Angular Rocks, 20% Gravel, 20% Sand, 50% Silt, 10% Clay	0.6	37	7
L999N500E	999N	500E	370483	6713001	20-30	ellowish orang	B	SW, Steep	Buckbrush Mid slope, Talus Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 20% Gravel, 30% Sand, 40% Silt, 0% Clay	0.5	11.6	7.1
L999N600E	999N	600E	370603	6713005	20-30	Light Brown	B	SE, Gentle	Buckbrush Mid slope, Talus Parent Material, Dry Soil, 0% Organics, 20% Angular Rocks, 20% Gravel, 20% Sand, 40% Silt, 0% Clay	0.3	8.4	7.5
L999N700E	999N	700E	370706	6712989	30-40	Light Grey	B	SE, Gentle	Buckbrush Mid slope, Talus/ Weathered bedrock Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 20% Sand, 40% Silt, 20% Clay	0.4	7.1	6.1
L999N800E	999N	800E	370808	6712990	20-30	LightBrown	B	SE, Flat	Buckbrush Valley Bottom, Fluvial/ Weathered bedrock Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 10% Gravel, 50% Sand, 20% Silt, 10% Clay	0.2	11.5	7
L999N900E	999N	900E	370897	6713051	10to20	Light Brown	B	SE, moderate	Buckbrush Valley Bottom, Fluvial/ Weathered bedrock Parent Material, Dry Soil, 0% Organics, 10% Angular Rocks, 0% Gravel, 40% Sand, 10% Silt, 40% Clay	0.4	8.3	6.8
SS13-1	N/A	N/A	371069	6713242	N/A	Light Brown	tream Sedimer	SE, moderate	Buckbrush Mid slope, Fluvial Parent Material, Saturated Soil, 0% Organics, 0% Angular Rocks, 20% Gravel, 30% Sand, 30% Silt, 20% Clay	1.6	37.3	5.5
SS13-2	N/A	N/A	371110	6713366	N/A	Light Brown	tream Sedimer	SE, moderate	Buckbrush Mid slope, Fluvial Parent Material, Saturated Soil, 0% Organics, 0% Angular Rocks, 30% Gravel, 30% Sand, 40% Silt, 0% Clay	11.2	40.6	9.4
SS13-3	N/A	N/A	371132	6713439	N/A	Light Brown	tream Sedimer	SE, moderate	Buckbrush Mid slope, Fluvial Parent Material, Saturated Soil, 0% Organics, 0% Angular Rocks, 0% Gravel, 50% Sand, 50% Silt, 0% Clay	23.4	101.9	123.6
SS13-4	N/A	N/A	371169	6713584	N/A	Light Brown	tream Sedimer	SE, moderate	Buckbrush Mid slope, Fluvial Parent Material, Saturated Soil, 0% Organics, 0% Angular Rocks, 10% Gravel, 40% Sand, 40% Silt, 10% Clay	24.1	95.6	367.7

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L0E4400N	61	0.2	18.2	29.2	930	3.51	58.6	4.6	0.6	70	0.4	1.1	10.8	100	0.66	0.096	5	24	1.08	128
L0E4450N	41	0.1	13.5	13.1	294	4.01	22.1	2	2.7	29	0.2	2.3	14.4	79	0.17	0.036	9	26	0.56	94
L0E4500N	32	0.8	22.4	23.1	1279	2.65	7.9	3	0.3	27	0.3	0.7	37.3	65	1.53	0.052	3	40	2.25	38
L0E4550N	43	0.05	26.9	20.5	1299	3.09	3.9	1.6	0.5	43	0.2	5.2	3.5	71	1.53	0.045	3	72	2.66	47
L0E4600N	61	0.1	21.9	49.8	1475	4.78	17.8	3.7	1.1	43	0.4	1.1	4	116	0.6	0.097	7	31	1	100
L0E4650N	54	1	38.4	71	1832	12.22	22.7	17.3	5	99	0.3	4.8	19.7	82	0.82	0.089	11	36	1.27	100
L0E4700N	60	0.6	26.6	47.1	2521	5.98	25.9	7.8	1.4	63	0.5	2.3	14.3	99	1.25	0.129	10	39	1.38	89
L0E4750N	62	0.6	27.5	54.3	1792	7.64	50.7	17.7	2.2	59	0.3	1.9	24.8	95	1.02	0.084	11	40	1.23	75
L0E4800N	80	0.6	31.8	58.5	2224	8.64	44	12.4	2.3	84	0.5	1.7	24.7	122	0.87	0.083	10	42	1.72	81
L0E4850N	80	0.5	23.1	42.3	2028	7.87	122.7	25.2	1.7	49	0.5	2	24.5	110	0.88	0.103	9	27	1.4	107
L0E4900N	78	1	44.7	48.8	1551	8.14	121.9	28.5	4	37	0.5	3	66.7	82	0.72	0.044	16	53	1.34	152
L0E4950N	81	1.5	63.7	40.8	1583	7.21	117.6	23.2	3.5	34	0.5	4.6	99	81	1.29	0.071	15	83	1.48	100
L0E5000N	77	0.7	44.5	46.4	1919	7.69	888	38.4	3.3	37	0.3	3.3	34.4	97	0.86	0.082	13	63	1.6	93
L0E5050N	65	0.2	39.5	34.8	1089	6.03	57.2	5.9	2.8	52	0.2	1.5	10.5	95	0.72	0.064	10	55	1.42	92
L0E5100N	83	0.4	60.9	31.7	894	5.4	214.9	50.7	4.1	31	0.2	2.3	7.1	94	0.88	0.051	18	111	1.73	61

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L0E5150N	62	0.2	42	33.1	890	5.3	53.3	7.5	2.5	55	0.2	1.5	5.6	89	0.79	0.033	9	116	1.62	64
L0E5200N	75	0.4	52.1	38.6	1440	5.05	79	11.6	1.8	54	0.3	1.4	7.2	97	1.36	0.1	11	117	1.56	111
L0E5250N	201	1.3	54.7	61.2	1583	6.93	92.9	1547	2	41	3	2.2	3.6	97	0.79	0.099	13	80	1.28	84
L0E5300N	88	0.2	40.2	34.8	833	6.46	79.5	16.7	2.1	58	0.3	2.1	4.7	107	0.69	0.079	13	75	1.67	63
L0E5350N	90	0.4	22.5	22.7	970	4.32	77.1	18.1	0.7	32	0.5	1.2	4.3	78	0.42	0.159	14	56	1	105
L0E5400N	53	0.05	20.5	12.8	382	5.15	38.4	4.5	2.3	14	0.2	1.3	3.7	113	0.17	0.058	6	61	0.76	56
L1000E4400N	138	0.8	62.7	11.9	1432	2.3	16.6	11.2	1.3	69	1.2	1.6	2.1	47	2.08	0.168	75	40	0.47	97
L1000E4450N	88	0.3	28.9	9.7	351	2.49	14.5	1.9	1.3	24	0.5	0.7	2.3	66	0.44	0.052	13	48	0.57	112
L1000E4500N	33	0.5	13.4	6.7	453	2.61	10.9	0.9	0.5	16	0.4	0.4	0.4	84	0.2	0.094	4	34	0.3	82
L1000E4550N	73	0.2	23.7	26.1	1376	4.75	40.7	2.6	2.1	26	0.5	0.8	0.8	141	0.33	0.058	8	65	0.54	123
L1000E4600N	63	0.2	28.1	14.6	605	3.85	113.6	17.2	1.2	26	0.3	0.8	1.2	85	0.21	0.098	10	60	0.79	116
L1000E4650N	70	0.5	30.6	13.6	434	4.04	231.1	19.1	2.1	28	0.4	1	1.1	102	0.24	0.069	7	74	0.8	128
L1000E4700N	55	0.1	34.4	16.7	538	3.07	64.2	162.2	2.2	27	0.3	0.8	1	59	0.28	0.055	13	63	0.82	159
L1000E4750N	144	0.6	33.6	25.4	880	5.67	188	131.5	1.4	55	0.9	1.3	1.2	109	0.46	0.06	7	86	1.29	188
L1000E4800N	183	1.1	54	47	1864	6.43	412.4	349	2.8	78	1.1	1.9	1.3	135	1.02	0.057	14	94	1.91	162

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L1000E4850N	134	0.6	22.1	41.4	1940	6.49	257.8	207.1	1.8	61	1.1	1.5	0.9	117	0.9	0.076	9	40	1.52	190
L1000E4900N	74	0.2	14.6	14.9	509	4.64	228.4	143	2.1	43	0.5	1.2	0.7	94	0.92	0.049	7	29	0.83	118
L1000E4950N	58	0.2	14.6	20.1	1145	3.76	258	119.5	1.9	45	0.2	1	0.2	61	1.05	0.038	6	25	0.86	147
L1000E5000N	54	0.2	9.5	23.2	1880	4.85	250.5	67.5	0.9	19	0.3	0.9	0.1	63	0.8	0.089	9	16	0.82	126
L1000E5050N	60	0.1	18.3	7.8	246	3.23	29.7	4.1	1.6	17	0.5	0.6	0.3	61	0.22	0.065	9	29	0.5	83
L1000E5100N	57	0.05	21.9	12.1	361	2.83	76.9	20	2.7	21	0.2	0.8	0.2	56	0.23	0.035	11	36	0.64	91
L1000E5150N	35	0.1	11.8	6.6	191	2.28	25.2	16	1.3	13	0.3	0.6	0.3	60	0.12	0.055	8	27	0.29	50
L1000E5200N	59	0.05	23.4	13.8	436	3.57	20.2	125.9	3.4	13	0.1	0.7	0.2	65	0.17	0.04	13	38	0.84	81
L1000E5250N	75	0.1	18.9	22.2	1575	4.64	10.2	8.9	1.4	24	0.3	0.9	0.4	88	0.56	0.121	26	28	0.76	103
L1000E5300N	39	0.1	22.6	12.7	567	6.15	16.2	1.9	1.9	23	0.2	0.7	0.5	165	0.29	0.07	7	88	0.82	110
L1000E5350N	53	0.05	20.6	14.5	663	5.12	17.4	5.9	3.3	20	0.2	0.7	0.6	152	0.33	0.058	8	76	0.79	75
L1000E5400N	52	0.05	21.2	16.1	696	5.63	17.9	20.6	2.5	20	0.3	0.7	0.5	145	0.24	0.052	7	79	0.74	82
L100E4400N	58	0.4	12.6	38.6	1626	4.88	1293.2	38.2	8.4	11	0.1	3.6	3	48	0.56	0.048	25	20	0.83	40
L100E4450N	50	0.6	34.4	24.3	927	3.6	14.6	2.5	1.8	179	0.3	0.7	45.7	70	1.07	0.068	11	71	2.02	79
L100E4500N	49	0.4	24.8	23.7	1399	3.92	34.1	7.6	3.1	837	0.2	0.4	10.1	52	1.41	0.05	10	67	2.59	752

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L100E4550N	50	0.4	22.6	26.2	1447	3.52	25.9	10.4	1.5	63	0.3	1	5.1	68	1.73	0.098	11	33	1.02	116
L100E4600N	86	1	41.1	53.7	2162	7.22	71.1	21.5	3.1	56	0.6	2.2	17.5	91	1.02	0.09	21	51	1.61	147
L100E4650N	93	1.2	46.1	47.3	2002	7.84	107.3	23.6	4.4	39	0.5	4.3	73	86	0.96	0.069	17	53	1.43	143
L100E4700N	88	0.5	41.4	29.4	1358	5.94	96.7	60.7	2.7	29	0.4	1.6	64.5	90	0.42	0.108	17	61	1.46	99
L100E4750N	79	0.6	41.4	44.2	1489	7.4	75	15.6	2.6	47	0.3	1.9	35.4	93	0.98	0.09	19	66	1.42	127
L100E4800N	95	0.6	66	56.9	1980	8.35	136.7	27.4	3.6	34	0.4	2.2	52.5	102	0.44	0.109	16	136	1.9	84
L100E4850N	83	0.4	31.4	38.9	1621	7.37	139.4	32	3	34	0.5	2.3	26.1	113	0.5	0.08	12	46	1.71	100
L100E4900N	63	0.8	30.7	29.2	1077	5.62	163.7	37.3	1.6	38	0.4	2.1	44.1	80	1.37	0.077	10	52	1.16	84
L100E4950N	68	0.7	42.4	34.9	1302	5.74	117.1	27.7	2	39	0.3	2.5	46.1	88	1.34	0.069	11	74	1.44	88
L100E5000N	78	1	32.1	35.5	1382	5.45	208.2	29.1	1.5	46	0.5	5.6	49.9	73	2.08	0.099	13	51	1.04	74
L100E5050N	61	0.1	31.6	19.7	650	3.95	47.4	4.9	6.1	34	0.3	1.3	5.2	78	0.62	0.071	16	54	1.12	96
L100E5100N	45	0.4	31.2	18.4	1027	2.63	43.3	9.5	0.8	47	0.6	4.3	2.8	59	2.38	0.116	13	43	0.53	68
L100E5150N	66	0.4	36.4	33.5	820	4.97	45.9	7.7	2	51	0.2	3.1	5.9	82	1.12	0.07	10	84	1.18	78
L100E5200N	64	0.4	25.9	21.5	941	3.45	43.3	12.1	0.9	51	0.4	5.1	3.2	60	2.1	0.103	9	63	0.84	72
L100E5250N	71	0.5	49.7	32.4	943	3.98	45.6	8.8	1.9	47	0.2	1.3	2.6	70	1.31	0.083	10	112	1.23	97

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L100E5300N	46	0.2	17.8	12.8	383	3.77	44.8	2.2	3.1	17	0.3	0.8	3.8	72	0.26	0.066	11	42	0.72	62
L100E5350N	40	0.2	18.7	14.9	574	3.6	29.2	3.6	1.7	20	0.7	0.8	3.5	67	0.3	0.071	7	54	0.79	87
L100E5400N	52	0.2	28.4	22.1	574	3.92	36.8	3.2	6.3	24	0.2	0.9	3.3	73	0.55	0.045	18	65	1.13	86
L1100E4400N	66	0.3	21	25.3	1883	4.77	118	18.8	1.5	29	0.4	0.9	1.2	100	0.77	0.086	9	44	0.96	126
L1100E4450N	51	0.5	13	17.6	1003	4.81	29.3	7.9	2.1	18	0.3	0.8	0.9	108	0.27	0.068	7	32	0.56	98
L1100E4500N	72	0.2	23.2	19.9	1084	5.46	26	5	1.9	18	0.4	0.9	1	107	0.3	0.076	9	52	0.96	92
L1100E4550N	77	0.3	42.1	25.7	904	4.32	166.3	7.7	1.8	66	0.2	1.5	0.8	93	0.91	0.048	8	77	1.03	142
L1100E4600N	96	6.5	78.9	42.5	960	5.63	795.6	130.3	3	197	0.2	3.4	1.3	121	0.49	0.038	8	121	1.77	195
L1100E4650N	93	1.3	61.7	52.6	1567	6.07	188.7	28.8	2	105	0.4	0.9	8	120	0.56	0.14	16	105	1.57	121
L1100E4700N	155	0.4	48	87	1859	7.86	77	19.6	1.6	69	0.6	1	1.4	133	0.35	0.13	20	166	1.42	167
L1100E4750N	111	0.3	26.4	18.7	615	6.41	30.5	9	4	20	0.4	0.7	0.4	162	0.36	0.036	10	192	1.56	152
L1100E4800N	249	0.9	16.2	24.9	2009	4.78	255.8	165.8	3	79	2.3	1.7	0.8	73	0.77	0.048	17	21	0.75	308
L1100E4850N	604	1.5	25.1	24.8	1715	3.79	56.5	54.9	5.2	124	2.4	1.9	1.6	61	0.4	0.102	12	40	0.76	485
L1100E4900N	58	0.05	11.6	17.3	1269	4.58	27.4	0.25	1.4	13	0.05	0.4	0.2	76	0.16	0.089	7	22	0.99	75
L1100E4950N	48	0.1	20.3	8.1	243	2.23	11.4	4.8	2.5	17	0.2	0.5	0.1	47	0.2	0.035	11	27	0.6	77

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L1100E5000N	53	0.05	23.3	11.3	352	2.59	25.3	21.2	3.8	18	0.1	0.5	0.2	55	0.23	0.045	13	36	0.72	99
L1100E5050N	54	0.05	21	12.1	373	2.72	20.6	46.1	3.4	19	0.2	0.5	0.1	57	0.23	0.052	10	38	0.74	121
L1100E5100N	55	0.05	26.5	15.2	424	2.89	19.8	4.4	5	26	0.1	0.5	0.2	68	0.32	0.053	15	57	0.9	102
L1100E5150N	48	0.05	26	11.2	314	2.9	12	322.2	4	16	0.2	0.5	0.2	63	0.17	0.055	13	50	0.76	81
L1100E5200N	48	0.05	30	11.1	275	2.4	8.7	1.1	4.5	16	0.2	0.5	0.1	51	0.22	0.054	14	44	0.62	85
L1100E5250N	42	0.05	25.4	11.7	333	2.29	10.7	8.5	3.6	19	0.05	0.5	0.1	57	0.2	0.04	15	50	0.65	76
L1100E5300N	44	0.05	19.3	11.5	367	4.2	14	2	1.4	26	0.2	0.5	0.4	97	0.17	0.06	7	51	0.74	165
L1100E5350N	61	0.05	51.5	18.3	427	2.96	16.1	5.4	5.3	24	0.05	0.5	0.1	62	0.31	0.081	16	64	0.85	84
L1100E5400N	78	0.5	82.7	25.8	914	4.25	34.6	5.3	1.7	33	0.1	0.7	0.4	92	0.5	0.153	36	115	1.02	262
L1200E4400N	118	0.1	23.1	13.4	739	3.93	39.4	12.9	1.1	29	1.2	0.6	1.1	91	0.28	0.069	8	54	0.69	142
L1200E4450N	54	0.1	31.3	16.6	618	3.01	39.6	4.5	2	32	0.2	0.6	0.3	63	0.26	0.051	11	67	0.99	111
L1200E4500N	82	0.3	18.4	23.5	1236	5.02	370.9	43.7	2.1	38	0.6	0.9	1.2	105	1	0.079	10	38	1.19	106
L1200E4550N	89	0.2	17.7	28.8	1330	5.45	303.5	108.8	2.5	24	0.3	1.6	1	85	0.48	0.051	13	30	1.4	99
L1200E4600N	43	0.05	25.7	11.8	308	2.71	12	11.3	2.9	24	0.3	0.5	0.5	65	0.26	0.036	9	73	0.78	61
L1200E4650N	60	0.1	18.8	10.8	508	3.48	18.3	8.9	2.2	19	0.3	0.7	0.7	81	0.17	0.066	12	67	0.59	105

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L1200E4700N	71	0.05	27.4	12.1	375	3.21	21.7	7.7	4	22	0.2	0.6	0.5	65	0.2	0.028	14	56	0.96	122
L1200E4750N	90	0.05	20.2	11.4	413	2.82	57.7	24.9	5.6	33	0.5	0.8	0.4	56	0.25	0.045	17	41	0.76	124
L1200E4800N	54	0.05	30.8	13.3	351	2.79	27.5	11.2	4.2	27	0.2	0.6	0.3	63	0.22	0.037	13	92	0.9	137
L1200E4850N	52	0.05	36.4	17.8	659	3.25	14.7	6.1	4.2	22	0.1	0.7	0.2	77	0.27	0.057	15	141	1.17	126
L1200E4900N	50	0.05	29.8	11.7	368	2.71	11.8	8.1	4.5	23	0.1	0.7	0.2	60	0.28	0.057	17	75	0.89	115
L1200E4950N	45	0.05	22.6	9.9	291	2.29	11	7.5	4.9	30	0.2	0.5	0.2	54	0.35	0.059	17	61	0.8	106
L1200E5000N	73	0.05	37.2	15.5	493	3.35	33.3	3.9	5.1	28	0.2	0.7	0.2	80	0.42	0.061	17	110	1.35	124
L1200E5050N	68	0.05	24	13.3	450	2.76	76.5	6.4	5	24	0.2	0.8	0.2	58	0.26	0.061	17	47	0.81	107
L1200E5100N	65	0.05	21.6	16.1	582	3.13	79.4	6.7	2.8	31	0.2	0.9	0.2	70	0.19	0.049	13	36	0.79	111
L1200E5150N	81	0.4	28.1	15.5	806	2.45	12.4	5.3	1.5	65	0.5	0.7	0.3	52	0.8	0.157	16	36	0.68	226
L1200E5200N	65	0.1	44.8	39.4	772	3.89	75.4	11.2	5.7	104	0.2	0.9	0.2	77	0.43	0.078	20	51	0.92	291
L1200E5250N	98	0.1	41.7	22.1	624	3.23	18.8	5.5	5.7	46	0.5	0.8	0.3	70	0.36	0.099	20	54	0.9	179
L1200E5300N	45	0.05	24.4	10.4	327	2.35	7.6	3.6	2.8	24	0.05	0.5	0.1	61	0.31	0.054	14	50	0.72	127
L1200E5350N	97	0.2	65	34.3	1800	4.94	25.8	4.9	1.7	34	0.4	1.1	0.4	118	0.92	0.163	13	99	1.28	327
L1200E5400N	51	0.05	30.3	14.4	442	2.57	7.4	1.7	4.5	27	0.2	0.4	0.05	70	0.42	0.049	14	60	0.86	111

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L1300E4400N	70	0.2	12	23	1318	4.04	294.3	41.3	0.8	103	0.5	1.8	0.7	94	0.68	0.074	7	46	0.92	268
L1300E4450N	42	0.4	11.5	11.4	690	3.55	20.5	1	0.5	27	1.3	0.9	0.5	68	0.21	0.101	9	24	0.28	139
L1300E4500N	63	0.2	21.5	13.3	1087	2.75	33.2	7	0.9	29	0.8	1.2	0.6	70	0.28	0.093	12	38	0.52	185
L1300E4550N	38	0.05	20.5	9.8	292	2.33	9.7	4.1	4.2	23	0.1	0.8	0.4	56	0.35	0.048	13	63	0.81	58
L1300E4600N	43	0.1	17.4	8.6	315	3.2	8.6	3	1.2	19	0.3	1.4	0.8	80	0.18	0.063	9	72	0.57	109
L1300E4650N	31	0.05	57.8	13.4	354	3.05	7.5	5.5	2.4	17	0.1	7	0.5	124	0.16	0.032	9	180	0.6	84
L1300E4700N	39	0.05	20.4	8.3	263	3.18	8.1	3.9	4.1	25	0.2	2	0.6	98	0.17	0.041	11	85	0.59	93
L1300E4750N	49	0.2	74.6	13	284	2.71	15.9	2.9	3.9	22	0.05	1.7	0.2	73	0.31	0.051	16	200	1.21	112
L1300E4800N	51	0.05	22.6	10.6	368	2.55	15	1.9	1.6	19	0.2	2.6	0.2	54	0.23	0.08	15	53	0.63	106
L1300E4850N	52	0.05	18.9	8.3	270	3.26	12.2	0.25	3.6	24	0.2	1.5	0.4	66	0.22	0.067	12	43	0.54	99
L1300E4900N	46	0.05	36.3	18.5	492	2.69	37.4	4.3	4.3	24	0.2	0.7	0.1	75	0.43	0.063	16	155	1.21	91
L1300E4950N	43	0.05	20.3	7.5	277	2.54	8.3	2.1	0.4	20	0.4	1.5	0.2	65	0.24	0.093	10	50	0.45	103
L1300E5000N	46	0.05	21.1	11.8	377	2.71	13.4	24.4	4.9	18	0.1	0.8	0.05	65	0.27	0.04	16	44	0.81	89
L1300E5050N	51	0.05	18	18.2	1021	4.15	12.5	7.5	2.4	18	0.3	1.6	0.3	114	0.16	0.07	11	57	0.55	124
L1300E5100N	63	0.05	20.6	18.1	993	5.07	13.5	0.25	3.6	11	0.1	0.9	0.2	116	0.12	0.05	10	51	1	127

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L1300E5150N	63	0.05	27.7	14.8	307	2.93	9.2	1.7	5.1	35	0.3	0.8	0.1	68	0.23	0.053	15	37	0.76	108
L1300E5200N	59	0.05	24.5	15	432	2.82	10	5.6	5.5	40	0.2	1	0.2	71	0.25	0.059	19	38	0.67	135
L1300E5250N	46	0.05	29.9	14.2	297	2.51	5.3	0.7	4.5	27	0.05	0.5	0.1	67	0.38	0.046	14	63	0.84	134
L1300E5300N	48	0.2	32.9	16.5	600	2.95	13.4	3.6	0.4	19	0.2	1.1	0.2	73	0.52	0.177	12	57	0.64	207
L1300E5350N	61	0.05	25.9	21.6	1165	2.79	12.9	4.5	0.2	11	0.3	1.6	0.2	66	0.26	0.174	8	60	0.48	80
L1300E5400N	49	0.05	20.9	11.3	340	3.53	9.2	1.6	1.2	13	0.3	1.2	0.3	81	0.5	0.073	8	52	0.52	84
L200E4400N	64	0.4	23.5	31.5	1338	6.25	40.4	5.1	1.5	75	0.3	1.2	60	90	1.16	0.096	5	44	1.92	107
L200E4450N	65	0.5	25.5	26.9	944	5.68	249.8	31.5	3.2	59	0.1	2.9	12.4	84	0.79	0.059	12	42	1.58	117
L200E4500N	65	0.4	24.5	35.8	1400	6.56	170.7	60.9	2.3	47	0.3	2.2	39.1	95	0.74	0.052	11	44	1.73	122
L200E4550N	63	0.3	33	28.8	1189	5.85	65.8	14.9	1.8	31	0.3	1.6	21.4	82	1.01	0.057	10	79	1.47	97
L200E4600N	52	0.7	15.5	20.8	968	4.19	50.6	9.2	0.8	40	0.4	1.6	21.2	58	2.02	0.104	10	26	0.83	67
L200E4650N	97	1.9	19.4	36.1	1323	8.88	1716.8	219.2	1.7	38	0.4	10.8	29	71	1.27	0.076	9	27	0.89	82
L200E4700N	76	0.7	44.9	41.3	1700	7.05	632.6	71.9	4.2	28	0.4	3.7	26.2	86	0.64	0.075	17	85	1.38	108
L200E4750N	48	0.6	13.9	15.8	782	2.93	71.8	24.4	0.6	49	0.6	2.1	17.5	40	2.97	0.101	8	27	0.55	60
L200E4800N	59	0.3	28.8	28.6	1160	5.07	134.1	9.4	3	18	0.4	2.2	21.5	75	0.3	0.09	10	49	1.09	97

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L200E4850N	81	0.4	38.7	36	1213	7.04	161.2	17.7	4.7	24	0.4	2.6	28.3	99	0.42	0.067	13	64	1.64	88
L200E4900N	53	0.6	23.7	30.3	1449	3.76	104.7	19.3	0.8	42	0.6	1.5	14.5	58	2.06	0.114	16	48	0.79	83
L200E4950N	36	0.5	9.8	9.5	474	1.9	26.6	10.7	0.6	36	0.6	1.2	4.8	38	1.66	0.093	10	19	0.43	80
L200E5000N	84	0.5	28.6	31.6	1417	5.55	114	22.2	1.5	37	0.5	2	37.2	76	0.94	0.151	11	53	1.12	110
L200E5050N	54	0.2	25.8	16.5	556	3.59	41.3	3.6	7.8	19	0.2	0.8	5.6	66	0.35	0.05	22	44	1.04	116
L200E5100N	54	0.3	29	21.1	569	4.61	54.8	6.4	2	34	0.3	2.9	7.9	77	0.82	0.058	10	53	1.27	63
L200E5150N	11	0.4	4.9	3.6	73	0.97	7.7	5.9	0.1	33	0.2	3.1	0.9	22	1.14	0.156	14	15	0.13	47
L200E5200N	45	0.2	23	14.5	568	3.26	48.1	4.3	1.4	20	0.1	0.8	4.7	65	0.36	0.085	15	44	0.88	89
L200E5250N	63	0.2	31.6	19.4	618	4.08	40.8	3.1	6.1	23	0.2	0.9	6.8	80	0.56	0.05	16	60	1.32	99
L200E5300N	57	0.7	16.1	9.5	508	2.41	19.7	6.4	0.8	32	0.3	0.6	2	46	0.89	0.106	18	35	0.53	103
L200E5350N	72	0.3	30.3	21.7	965	3.76	49.3	6	2.5	32	0.4	0.8	2.7	70	1.03	0.076	24	64	0.98	92
L200E5400N	79	0.5	35.8	22	842	4.24	43.7	9.1	5.9	37	0.3	0.8	3.9	83	1.1	0.066	23	68	1.22	123
L300E4400N	81	0.9	18.8	55.6	2839	8.51	247	17.3	1.5	63	0.6	2.2	55.2	104	0.62	0.141	10	28	1.36	89
L300E4450N	81	0.8	27.1	71.2	2811	12.11	167.1	57	2.3	34	0.8	6.1	157	100	0.41	0.083	15	31	1.71	157
L300E4500N	63	0.7	18.4	22.3	986	4.66	454.5	77.2	1.2	52	0.3	2.7	21	70	1.97	0.114	11	36	1.07	91

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L300E4550N	63	0.4	24.7	27.9	1102	5.71	243.9	53.2	1.9	41	0.3	2.1	25.9	89	1.19	0.067	9	45	1.44	100
L300E4600N	62	0.4	20.2	23.4	866	5.62	89.7	7	1.6	36	0.3	1.6	21.3	88	1.01	0.079	7	44	1.23	98
L300E4650N	52	0.2	20.6	19.7	721	3.64	33.4	3.6	2.5	21	0.3	0.8	6	64	0.39	0.089	14	39	0.89	81
L300E4700N	55	0.3	17.2	17.3	607	3.94	62.4	5.2	2.1	24	0.2	1.1	8.7	73	0.8	0.069	12	34	0.86	89
L300E4750N	58	0.5	23.4	22.4	803	4.16	127.4	8.9	3.9	26	0.6	4.2	11	69	0.77	0.076	13	40	0.98	99
L300E4800N	67	0.4	27.6	24.8	950	5.08	98.4	9.8	4.7	23	0.2	2.5	12.2	89	0.58	0.048	15	54	1.21	115
L300E4850N	71	0.3	31.9	26.8	912	4.51	60.1	6	1.9	25	0.4	4	9.4	79	0.91	0.086	11	54	1.11	70
L300E4900N	78	0.3	33	27.1	1023	4.94	108.6	16.1	2.3	26	0.4	4.1	17	83	1.08	0.064	11	59	1.28	78
L300E4950N	45	0.1	18.2	13.2	373	2.68	20.2	2.9	4	17	0.05	1	3	60	0.37	0.053	20	32	0.74	95
L300E5000N	49	0.05	17.3	9.3	337	2.39	11.3	2.4	8.6	20	0.05	0.9	1.4	59	0.5	0.07	25	31	0.7	115
L300E5050N	66	0.4	28.4	23.5	843	4.12	85.6	16	1.8	33	0.3	5.6	18.4	76	1.22	0.063	13	48	1.03	82
L300E5100N	78	0.3	40	23.6	707	4.78	73.7	12.2	5.1	29	0.3	1.8	11.8	93	0.82	0.048	15	66	1.33	88
L300E5150N	78	0.4	31.4	15.4	892	3.2	24.6	7.9	2.9	45	0.4	1.2	3.1	69	1.57	0.092	39	48	0.89	146
L300E5200N	58	0.3	28.8	16.3	640	3.31	34.8	6.9	4.2	36	0.2	1.4	2.7	70	1.18	0.058	26	46	0.79	101
L300E5250N	76	0.6	28.7	15.7	2115	3.2	20.8	4.3	2.8	31	0.2	0.5	2.1	72	0.79	0.069	25	45	0.79	218

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L300E5300N	90	0.5	30.8	13.9	556	2.78	17.5	6.3	2.9	45	0.4	2.7	1.9	62	1.3	0.081	50	42	0.72	127
L300E5350N	128	0.9	43	15.4	775	3.08	33.7	8.4	2.1	45	0.7	1.4	1.6	64	1.57	0.105	56	49	0.79	158
L300E5400N	101	0.3	26.8	22.1	962	3.65	60.6	4.4	4	26	1.1	2	2.4	80	1.04	0.057	17	57	0.77	96
L400E4400N	47	0.2	12.8	9.5	454	2.37	32	2.7	1.9	28	0.2	0.8	3.5	58	1.18	0.078	16	27	0.62	85
L400E4450N	68	0.6	24.3	37.6	1133	6.88	121.3	11.8	3	32	0.3	3	19.5	97	0.43	0.065	11	33	1.18	90
L400E4500N	60	0.4	20.8	24.2	751	4.68	75.9	9.2	3.4	31	0.2	1.8	14.4	87	0.75	0.059	14	32	1.11	101
L400E4550N	59	0.4	20.3	18.1	676	3.85	45	8.7	3.8	29	0.1	1.4	9.2	77	0.79	0.064	22	38	0.94	117
L400E4600N	67	0.3	21.5	22.3	822	4.64	79.1	11.8	2.3	37	0.3	1.8	17.7	85	1.24	0.073	11	37	1.16	107
L400E4650N	80	0.4	26.5	25.3	928	5.18	62.2	8.2	2	33	0.3	1.9	16.4	92	1.11	0.065	13	43	1.18	114
L400E4700N	84	0.4	46.2	16.7	629	3.57	31.3	6.8	4.6	33	0.2	1.2	2.7	83	1.45	0.064	26	61	1.15	154
L400E4750N	52	0.1	15.6	9.8	375	2.34	12.5	2.8	4.6	19	0.05	0.4	1.4	57	0.46	0.058	25	31	0.66	114
L400E4800N	46	0.1	17.9	10.9	439	2.47	78.5	8.7	7.3	20	0.05	1.4	3.3	52	0.47	0.088	24	30	0.7	81
L400E4850N	48	0.05	16.5	9.3	350	2.12	10.4	1.4	7.5	21	0.05	0.7	1.2	51	0.57	0.068	24	30	0.66	94
L400E4900N	62	0.2	28.5	10.7	472	2.52	13	2.7	6.1	20	0.2	0.6	1.2	53	0.73	0.038	27	36	0.68	115
L400E4950N	81	0.3	27	10.1	437	2.46	9.8	4.3	3.4	29	0.2	1.3	1.7	55	0.93	0.063	23	38	0.7	118

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L400E5000N	63	0.3	27.7	11.3	440	2.58	16	4.2	3.8	27	0.2	0.7	2.5	57	0.84	0.052	25	38	0.73	95
L400E5050N	59	0.2	19.7	11.3	657	2.57	17.5	6	3.9	24	0.2	1	2.4	56	0.59	0.053	23	35	0.71	98
L400E5100N	56	0.3	24.1	13.2	285	2.42	11.4	8.6	3.8	40	0.6	1	8.5	72	0.85	0.063	18	50	0.97	112
L400E5150N	85	0.9	28.4	12.6	392	3.54	45.9	12	2.9	36	0.3	1	5.9	74	1.09	0.081	23	59	0.95	130
L400E5200N	79	0.3	18.6	10.1	259	2.13	24.1	5.5	5.2	29	0.3	1.2	4.8	53	0.55	0.068	21	35	0.62	144
L400E5250N	95	0.7	32.2	12.2	656	2.79	29.9	11.9	3.7	61	0.7	1.7	7	58	1.46	0.079	30	50	0.78	157
L400E5300N	76	0.4	42.1	12.9	394	2.73	20.1	3.2	1.9	47	0.2	0.4	3.7	70	1.02	0.072	19	86	1.24	100
L400E5350N	92	0.4	29.2	15.4	634	3.17	50.5	8.1	2	31	0.5	0.8	2.3	66	0.9	0.068	23	50	0.83	86
L400E5400N	81	0.3	23.7	14.1	616	2.95	46.4	6.7	4.1	34	0.3	0.9	6.4	62	0.58	0.061	21	43	0.76	147
L500E4400N	54	0.2	18.3	18.1	621	3.94	43.4	9.2	3	32	0.1	1.1	2.4	79	0.86	0.051	16	37	1	107
L500E4450N	52	0.2	14.6	20.1	679	4.08	33.6	4.5	2	26	0.2	1	1.8	87	0.86	0.061	9	32	0.88	76
L500E4500N	60	0.3	19.4	17.6	586	4.11	37.8	9	4	29	0.05	1.1	5.6	81	0.71	0.045	16	36	1.02	127
L500E4550N	81	0.8	23.4	37.5	1439	6.35	141.4	15	1.9	46	0.6	2.1	35.9	84	1.21	0.092	11	40	1.31	93
L500E4600N	48	0.1	19.2	8.6	274	2.1	15.2	2.9	6.9	19	0.05	0.4	1.3	48	0.55	0.056	26	30	0.62	96
L500E4650N	71	0.3	19.7	26.6	973	5.41	48.9	9.2	1.9	37	0.2	2	20.1	91	0.96	0.06	9	36	1.31	115

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L500E4700N	67	0.3	22.1	26.6	1036	5.55	67.1	8.1	1.5	36	0.2	1.9	19.5	96	1.05	0.06	8	43	1.29	98
L500E4750N	63	0.2	27.6	10.7	273	2.46	13.1	4	7.2	26	0.2	0.5	1.5	59	0.73	0.062	32	38	0.75	124
L500E4800N	57	0.05	20.2	10.8	245	2.04	6.6	2.2	7.1	27	0.2	0.3	1.1	55	0.56	0.079	25	32	0.71	139
L500E4850N	71	0.2	34.6	20	672	4.1	116.5	6	4.1	32	0.3	1.7	10.8	82	0.79	0.042	16	66	1.22	95
L500E4900N	61	0.2	22.4	10	343	2.39	30.7	11	5.9	21	0.1	0.6	3.4	53	0.47	0.084	20	37	0.75	102
L500E4950N	83	0.2	30.5	8.5	277	2.58	8.2	5.8	10.6	29	0.2	0.5	1.3	54	0.61	0.068	35	45	0.79	125
L500E5050N	63	0.2	15.5	7.9	623	2.05	21.9	3.7	3.8	30	0.2	0.4	2.8	42	0.6	0.068	17	29	0.54	113
L500E5100N	51	0.2	22.8	13.4	456	2.79	12.4	2.9	1.9	30	0.2	0.4	1.6	70	0.89	0.067	17	48	0.78	117
L500E5150N	84	0.3	29.6	13.9	465	3.24	15.8	5.6	2.6	40	0.2	0.7	2.1	71	1.16	0.076	19	56	0.92	133
L500E5200N	70	0.3	41.7	38	537	3.36	29.6	4.9	3.7	47	0.3	0.5	1.5	80	1.06	0.064	18	73	1.06	110
L500E5250N	57	0.1	20.4	13.2	324	2.63	6.2	2.3	8.4	41	0.2	0.5	1.9	65	0.65	0.08	24	37	0.82	148
L500E5300N	219	0.2	120.7	26.2	1202	4.5	81.8	3.2	6.8	39	3.5	2	2.5	88	0.84	0.068	20	173	1.62	151
L500E5350N	66	0.3	39.4	22.4	1031	3.35	15.5	3.5	3.9	37	0.7	0.5	1.6	76	1.1	0.057	17	51	0.97	121
L500E5400N	64	0.2	21.6	13.1	424	2.57	17.4	1.7	2.9	33	0.4	0.4	1.1	65	1.36	0.051	12	46	0.68	97
L600E4400N	97	0.8	20	21.2	900	4.45	84	16.1	3.6	33	0.9	1.8	16	73	0.97	0.074	22	37	0.97	108

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L600E4450N	98	0.4	22.8	11.3	486	2.89	22.1	7.4	6.8	25	0.2	0.6	1.2	56	0.7	0.066	26	38	0.81	124
L600E4500N	82	0.2	25.5	12.5	468	3.08	38.6	4.1	3.1	38	0.3	0.8	1.9	64	1.01	0.061	16	43	0.86	109
L600E4550N	108	0.7	66.9	16.7	607	3.63	77.8	8.6	8.1	29	0.4	1.2	4.1	93	1.22	0.071	37	107	1.56	121
L600E4600N	54	0.05	84	17.1	287	2.47	13.8	1.7	7.2	24	0.1	0.3	0.7	65	0.73	0.052	19	371	1.7	256
L600E4650N	78	0.5	35.4	28.3	1616	4.92	79	10	3.6	45	0.4	1.5	19	71	1.16	0.092	23	42	1.08	158
L600E4750N	55	0.2	36.5	12.4	460	2.88	10.3	2.8	5.6	23	0.2	0.3	1.6	61	0.67	0.033	21	89	0.96	104
L600E4800N	47	0.05	25.8	10.5	335	2.36	5.8	0.9	7.9	23	0.2	0.2	1.3	56	0.58	0.075	22	55	0.86	115
L600E4850N	56	0.2	32.7	13.9	710	3.19	10.5	1.8	4.2	26	0.2	0.4	1.9	67	0.83	0.053	22	51	0.87	154
L600E4900N	70	0.4	33.5	19.5	700	5.59	100.9	8.9	3.5	35	0.3	0.8	2	108	1.47	0.084	18	44	0.98	131
L600E4950N	57	0.05	23	14.3	454	2.93	13.1	2.8	4.4	26	0.1	0.5	1.6	70	0.76	0.028	15	42	0.84	96
L600E5000N	59	0.05	24.6	10.1	330	2.99	7	1.5	3.2	24	0.2	0.3	1.7	72	0.53	0.043	13	38	0.7	106
L600E5050N	39	0.1	15.8	9.2	315	2.55	7	1.9	2.1	23	0.1	0.4	1	61	0.94	0.05	10	36	0.67	89
L600E5100N	47	0.05	17.3	12.5	481	2.68	7.9	1.7	3.8	26	0.1	0.4	1.4	65	0.85	0.042	15	35	0.77	107
L600E5150N	111	0.2	29.2	15	690	3.37	30.8	2.6	4.3	26	0.5	0.5	1.4	81	0.6	0.052	14	56	0.87	110
L600E5200N	60	0.05	20	13.5	464	3.06	38.4	2.7	3.3	20	0.2	0.5	1.5	69	0.46	0.06	13	40	0.81	92

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L600E5250N	342	1.7	62.3	49.1	4376	12.46	205.6	44.9	2.1	31	6.6	11.3	0.9	122	1.48	0.11	14	47	0.89	124
L600E5300N	45	0.3	17.8	9.2	239	2.74	19.4	2.3	4.1	23	0.3	0.5	1.4	54	0.57	0.026	12	40	0.58	62
L600E5350N	97	0.4	34.7	23.4	1130	3.77	38.5	9.4	3.2	31	0.6	0.7	2.4	88	0.88	0.065	23	74	1.13	125
L600E5400N	83	0.4	26.6	15.9	430	4.34	26	5.6	5.1	23	0.6	0.6	1.5	92	0.22	0.039	13	55	1.04	117
L700E4400N	456	1.2	35.4	14.4	561	4.04	120.9	19.7	3.5	90	3.2	1.9	4.1	65	1.6	0.129	31	40	0.97	177
L700E4450N	152	0.7	27.6	16	910	3.7	34.6	15.7	5.9	81	1.4	1.5	2.7	72	1.17	0.089	29	39	1.04	162
L700E4500N	83	0.4	19	12.9	662	2.8	50.4	6.5	7	41	0.1	1.1	4.8	54	0.52	0.058	29	37	0.7	187
L700E4550N	140	0.4	23.4	13	757	2.72	34.8	9.1	5.2	54	1.2	0.8	12.1	48	0.8	0.076	21	42	0.68	198
L700E4600N	125	0.3	70.1	19.9	954	3.08	11.1	2.8	6.5	29	0.5	0.8	4	63	0.68	0.065	21	129	1.44	239
L700E4650N	57	0.1	44.4	14.7	587	2.84	15.6	15.7	6.3	23	0.2	0.8	3.4	56	0.63	0.026	22	75	1.05	105
L700E4700N	120	0.1	125.8	26.1	523	4	15.3	3.8	4.6	46	0.2	0.9	0.7	121	1.01	0.05	10	452	3.09	261
L700E4750N	52	0.2	20.9	9.3	377	2.45	28	5.3	2.1	37	0.2	0.5	1.3	52	1.11	0.073	16	30	0.69	108
L700E4800N	63	0.1	32.1	15.8	524	3.38	14.7	1.8	5.8	37	0.1	1	2.6	74	0.79	0.034	17	46	0.99	126
L700E4850N	55	0.2	18.6	11.1	413	2.86	18.5	1.3	2.4	26	0.7	0.6	1.9	80	0.35	0.061	10	36	0.53	97
L700E4900N	69	0.2	30.7	19.1	650	4.02	15.2	4.7	4.6	82	0.1	0.7	4	82	0.92	0.047	14	46	1.02	157

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L700E4950N	84	0.1	57.7	48.8	1054	5.47	30.4	3.5	3.3	310	0.6	0.9	2.2	109	0.81	0.072	11	51	1.1	188
L700E5000N	56	0.3	20.3	18.6	775	3.33	75.8	9.6	1.4	49	1.9	0.6	1.1	87	1.04	0.1	8	43	0.71	140
L700E5100N	107	0.7	25.8	19.8	859	3.55	123.2	59.7	1.8	26	2.2	1.6	0.3	100	0.31	0.055	6	89	1.1	120
L700E5150N	139	0.3	32.3	26.4	1178	3.48	74.8	16.9	2	54	1.9	0.8	0.3	78	0.99	0.084	9	47	1.15	165
L700E5200N	61	0.1	21.8	10.4	337	2.97	47.7	6.6	0.2	27	0.3	0.9	0.5	72	0.24	0.077	9	47	0.82	105
L700E5250N	55	0.3	17.4	15.3	999	4.23	30.7	22.7	1.3	26	0.5	0.8	0.3	120	0.21	0.065	5	55	0.73	99
L700E5300N	73	0.1	30.2	25.9	1156	5.11	18.3	1.8	2	41	0.2	1.1	0.2	125	0.4	0.054	7	91	1.29	155
L700E5350N	76	0.05	38.7	21.8	665	5.63	20.7	1.7	3.1	29	0.2	1.2	0.2	122	0.35	0.051	8	104	1.76	102
L700E5400N	54	0.1	17.1	10.3	377	3.88	45.5	3.3	0.7	25	0.4	0.8	0.8	109	0.31	0.071	6	49	0.71	97
L800E4400N	110	0.5	23.3	11.7	567	2.97	34.5	4.8	5.9	55	0.5	0.8	8.6	60	0.76	0.069	25	48	0.76	224
L800E4450N	62	0.1	21.4	11.3	480	2.67	13.3	1.4	7.9	47	0.2	0.7	5.8	55	0.82	0.048	23	36	0.79	203
L800E4500N	112	0.4	51.7	10.5	414	2.75	9.3	8.2	4.6	65	0.8	0.9	3.9	53	1.23	0.095	23	36	0.77	132
L800E4550N	86	0.3	52.7	15.7	544	3.21	11.4	3.7	5.4	39	0.7	0.9	6.3	69	0.98	0.038	22	123	1.24	264
L800E4600N	89	0.3	38.6	14.2	687	2.95	8.2	2.5	2.4	38	0.6	0.9	1.9	65	0.93	0.06	22	87	1.01	155
L800E4650N	131	0.1	84.9	24.3	843	4.01	19.4	3.1	6.2	18	0.8	1.5	4.9	73	0.27	0.052	17	127	1.24	135

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L800E4700N	80	0.3	34.3	19.3	828	3.04	164.9	13.2	1.9	53	0.5	1.2	4.1	60	1.44	0.088	19	46	0.67	118
L800E4750N	69	0.6	30.6	26.1	901	3.37	282	15.2	1	66	0.3	1.6	3	72	1.77	0.12	15	55	0.8	115
L800E4800N	54	0.2	19.8	10.1	301	3.03	34.6	2.1	1.9	19	0.6	0.7	2.6	85	0.33	0.052	8	47	0.62	76
L800E4850N	110	0.2	51.7	48.1	1249	5.98	111.1	14.2	5.6	63	0.4	1.3	3.2	119	0.6	0.045	13	69	1.26	132
L800E4900N	144	0.2	26.8	22.4	858	5.27	129.3	6.2	3.4	24	0.6	1.2	0.6	135	0.42	0.052	11	59	1.03	159
L800E4950N	190	0.3	39.6	27	1946	4.39	214.9	26.1	1.2	41	2.1	1.8	0.4	96	1.01	0.14	11	93	1.35	179
L800E5000N	168	0.5	37.5	20.4	1106	3.36	320.2	26.7	1.2	54	1.2	2	0.3	86	2.51	0.081	9	98	1.18	159
L800E5050N	247	0.9	66.6	31.2	1633	4.85	254.7	652.6	4.3	40	2.8	2.5	0.4	106	1.05	0.047	21	117	2.06	166
L800E5100N	91	0.5	26.5	23.8	971	3.38	104.4	24.8	0.9	56	0.5	1	0.2	78	1.64	0.096	11	92	1.01	156
L800E5150N	239	0.6	50	29.3	999	4.73	234.8	72.9	1.9	62	1.3	1.3	0.3	100	0.98	0.088	12	147	2.02	143
L800E5200N	109	0.2	29.5	29.5	1543	4.58	71.6	30.9	0.9	34	0.6	0.9	0.5	98	0.37	0.095	9	72	1.3	117
L800E5250N	89	0.1	33.7	27.9	1532	5.14	52.7	3.4	1	34	0.4	0.8	0.4	96	0.86	0.114	12	102	1.38	97
L800E5300N	69	0.2	21.1	35.3	1497	4.93	16	5.1	1.7	90	0.2	1	0.2	110	1.32	0.062	12	44	1.27	281
L800E5350N	40	1.5	10	10.7	516	21.72	37.7	24.8	3.9	25	0.05	0.9	0.3	74	0.16	0.24	6	24	0.37	96
L800E5400N	65	0.05	23.6	20.5	651	4.57	23.7	3.8	2.3	39	0.2	0.6	0.3	74	0.53	0.05	12	51	0.88	115

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L900E4400N	119	0.3	36.1	10.1	486	2.2	7	3.2	1	79	0.6	1.2	1.9	51	2.12	0.085	15	37	0.57	105
L900E4450N	33	0.3	13.1	5.9	190	1.7	4.9	1	2.1	33	0.2	0.5	1	47	0.69	0.062	17	25	0.4	71
L900E4500N	54	0.4	26.5	9.1	870	1.61	5.8	2.5	0.6	59	1.4	0.6	0.8	43	2.18	0.118	15	26	0.39	101
L900E4550N	82	0.5	31.2	12.1	779	2.51	18.7	5.6	1.3	38	1.4	0.9	3.4	53	1.15	0.081	22	39	0.63	80
L900E4600N	53	0.1	27.5	11.1	310	2.53	53.3	2.4	2.9	23	0.4	0.6	1.5	66	0.38	0.033	10	52	0.72	76
L900E4650N	66	0.2	56	20.2	553	4.8	63	6.2	3.3	17	0.3	0.6	1.2	112	0.28	0.036	9	123	1.29	90
L900E4700N	102	0.3	35.1	13.3	473	3.9	141.2	9.3	1.8	30	0.3	0.5	1.1	116	0.47	0.051	8	90	0.93	123
L900E4750N	64	0.1	26.9	12.5	328	3.3	40.3	3.7	2.6	25	0.4	0.5	1.1	66	0.3	0.052	11	55	0.71	118
L900E4800N	81	0.4	23.7	21.4	1347	3.96	198.7	173.1	1.5	37	0.6	0.9	0.6	79	0.91	0.087	10	49	1.03	141
L900E4850N	82	0.6	22.8	15.4	873	3.49	155.2	24.9	1.2	38	0.6	0.9	0.5	74	1.68	0.072	12	40	0.89	122
L900E4900N	111	0.3	33.1	22.4	1164	4.41	293.7	55.4	2.3	27	0.6	1.7	1.2	90	0.59	0.052	11	60	1.08	139
L900E4950N	198	0.6	99.5	36.4	1900	5.35	625.8	75.9	2	48	1.7	2.7	0.3	99	1.03	0.078	11	248	1.82	248
L900E5000N	87	0.3	19	14.2	674	3.55	150.1	36.5	0.9	32	0.9	0.9	0.3	92	0.73	0.07	8	57	0.84	139
L900E5050N	72	0.2	22.9	30.9	1742	3.91	166.8	48.8	3	38	0.4	1.1	0.3	75	0.8	0.049	18	38	0.91	116
L900E5100N	152	1.3	28.1	33.8	2130	4.54	127.2	678.1	1.7	23	1.6	2.4	0.3	75	0.64	0.062	15	48	1	137

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L900E5150N	169	0.3	18.4	33.9	1984	3.81	163.5	15	0.3	31	1.6	1.4	0.2	73	1.13	0.164	8	45	1.02	135
L900E5200N	67	0.2	20.6	19.6	791	3.43	37.4	12.4	0.5	26	0.2	0.6	0.4	100	0.4	0.091	9	42	0.78	102
L900E5250N	58	0.2	12.6	19.6	1377	4.23	91.1	4.3	1.9	37	0.05	0.6	0.1	83	1.23	0.077	13	44	1.02	88
L900E5300N	69	0.1	41.7	50.7	1120	4.51	24	3.6	4.6	214	0.05	1	0.3	107	0.81	0.041	16	78	1.54	833
L900E5350N	48	0.1	21.4	22.1	602	3.7	14.6	4.5	1.2	80	0.2	0.7	0.3	87	0.59	0.058	11	59	0.87	156
L900E5400N	43	0.1	31.9	18.1	697	3.09	27.4	8.2	1.8	83	0.1	0.8	0.8	62	0.3	0.052	15	94	0.76	144
L999N1000E	48	0.05	16.7	8.1	323	2.27	3.8	2.5	1.9	18	0.2	0.3	0.4	44	0.2	0.071	20	32	0.57	81
L999N100E	41	0.05	7.8	4.7	208	1.61	1.1	1.2	2.4	17	0.2	0.2	0.2	38	0.38	0.04	13	17	0.36	70
L999N1100E	39	0.05	12.4	5.4	206	1.76	2.1	1	3.1	14	0.1	0.1	0.4	37	0.22	0.072	23	27	0.45	97
L999N1200E	42	0.05	11.2	5.9	223	2.03	1.2	1.1	4.1	13	0.1	0.1	0.3	38	0.17	0.059	22	25	0.55	80
L999N1300E	40	0.05	11.6	6.1	218	1.97	4.5	1.3	4.1	13	0.05	0.1	0.4	33	0.23	0.056	22	24	0.53	95
L999N1400E	42	0.05	17.5	8.4	337	2.15	5.2	0.5	7.3	18	0.1	0.3	0.5	44	0.34	0.055	23	29	0.61	115
L999N1500E	39	0.05	11.1	10.3	367	2.27	3.9	3.2	6.2	22	0.05	0.3	0.4	55	0.47	0.072	18	29	0.68	66
L999N1600E	42	0.05	13.8	9.8	272	3.49	3.1	2.1	4.2	24	0.05	0.3	0.3	56	0.51	0.082	14	32	0.82	113
L999N1700E	62	0.3	23.6	12.3	402	2.78	8.4	1.7	2	32	0.2	0.3	1.2	65	0.56	0.076	14	52	0.73	123

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L999N1800E	77	0.8	29.6	21.2	3795	4.79	36.6	3.7	1.3	38	0.9	0.7	3	87	0.73	0.173	26	57	0.68	199
L999N1900E	55	0.4	23.1	10	421	3.08	14	1.6	2.4	37	0.2	0.5	2.5	56	0.73	0.091	16	49	0.71	107
L999N2000E	132	0.7	40.8	13.6	4669	3.6	30.5	2.4	1.9	42	1.2	0.5	3.9	63	0.71	0.11	24	70	0.77	278
L999N200E	24	0.05	6.2	3.6	119	2.13	1.6	0.25	3.2	10	0.05	0.1	0.3	61	0.1	0.048	17	20	0.29	48
L999N2100E	47	0.2	28.9	14	343	2.29	7.3	3	3.6	29	0.3	0.3	3.1	51	0.48	0.046	13	49	0.69	144
L999N2200E	27	0.3	12.6	4.2	180	1.27	0.6	2.1	0.2	23	0.2	0.2	0.5	30	0.47	0.075	13	27	0.34	136
L999N2300E	43	0.2	23.9	8.7	276	2.39	4.7	0.5	1.3	36	0.05	0.4	0.4	50	0.31	0.062	15	48	0.66	122
L999N2400E	48	0.2	20.6	10.7	390	3.05	11.2	0.8	0.8	33	0.3	0.9	0.7	54	0.33	0.087	12	40	0.63	232
L999N2500E	50	0.05	29.7	11.1	311	2.44	5.9	1.3	3.5	36	0.2	0.4	1	44	0.33	0.077	16	52	0.66	185
L999N2600E	58	0.05	33.4	11.1	357	2.63	4.9	1.7	4.8	30	0.2	0.5	0.5	53	0.28	0.056	19	57	0.74	174
L999N2700E	38	0.1	13.2	5	288	1.85	1.3	0.25	0.2	19	0.1	0.2	0.3	31	0.14	0.1	16	31	0.33	98
L999N2800E	46	0.05	20.9	7.3	246	2.76	4.5	2	3.7	12	0.3	0.4	0.3	49	0.14	0.031	12	37	0.48	91
L999N2900E	57	0.2	17.2	6.6	269	3.39	4.4	4.7	2.5	18	0.3	0.5	0.4	64	0.18	0.054	12	36	0.48	106
L999N3000E	52	0.05	22.5	11.8	399	2.24	9	1.1	1.3	26	0.4	0.6	0.6	45	0.48	0.082	14	50	0.61	99
L999N300E	57	0.05	18.8	12.5	407	3.02	6.2	3.9	4.8	26	0.1	0.2	0.4	71	0.82	0.069	19	35	1.03	86

Sample #	PPM 1 Zn	PPM 0.1 Ag	PPM 0.1 Ni	PPM 0.1 Co	PPM 1 Mn	% 0.01 Fe	PPM 0.5 As	PPB 0.5 Au	PPM 0.1 Th	PPM 1 Sr	PPM 0.1 Cd	PPM 0.1 Sb	PPM 0.1 Bi	PPM 2 V	% 0.01 Ca	% 0.001 P	PPM 1 La	PPM 1 Cr	% 0.01 Mg	PPM 1 Ba
L999N400E	68	0.05	14.4	10.9	540	2.82	3.9	1.6	2.3	16	0.5	0.2	0.3	67	0.33	0.044	15	29	0.69	80
L999N500E	42	0.05	9.8	6.5	238	2.55	2.7	1.2	7	12	0.1	0.1	0.3	55	0.16	0.101	21	25	0.48	72
L999N600E	28	0.1	8.2	4.6	161	1.65	9.9	0.25	5.9	19	0.1	0.05	0.2	35	0.34	0.098	33	18	0.36	79
L999N700E	30	0.05	10.5	5.1	203	1.89	3.1	0.9	7.9	16	0.05	0.05	0.3	46	0.4	0.034	22	23	0.49	69
L999N800E	35	0.05	14.6	7.3	291	1.86	2.1	0.6	10.9	17	0.05	0.05	0.3	43	0.37	0.093	28	25	0.54	102
L999N900E	28	0.05	10.6	5.8	230	1.71	1.3	3.9	6.2	11	0.05	0.1	0.3	35	0.23	0.083	23	22	0.41	66
SS13-1	51	0.05	15.5	8.7	361	1.92	19.3	6	6.3	24	0.05	0.3	0.7	37	0.74	0.092	21	23	0.55	48
SS13-2	66	0.2	17.3	7.3	294	2.47	6.8	3.3	9.6	26	0.3	0.3	0.6	48	0.69	0.111	37	30	0.66	125
SS13-3	198	2.6	22.8	9.1	408	2.4	24	12.6	5.4	37	2.1	0.4	7.5	39	0.75	0.084	55	34	0.66	179
SS13-4	616	2.6	15.5	9.4	710	2.6	61.6	9.2	7.7	43	9.1	0.8	7.7	34	0.75	0.077	49	34	0.67	148

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L0E4400N	0.026	2	3.38	0.015	0.04	12.2	0.04	9.4	0.1	0.12	6	0.5	0.1
L0E4450N	0.026	2	1.76	0.007	0.04	36.9	0.04	4.3	0.2	0.13	6	0.5	0.4
L0E4500N	0.0005	2	3.9	0.01	0.07	3.8	0.04	12.7	0.2	0.11	5	0.25	0.1
L0E4550N	0.0005	0.5	4.48	0.012	0.09	21.2	0.03	11.3	0.05	0.08	6	0.25	0.1
L0E4600N	0.028	3	3.05	0.01	0.06	42.3	0.13	6.7	0.1	0.14	6	1.5	0.1
L0E4650N	0.019	2	2.68	0.017	0.07	63.9	0.1	14.2	0.1	0.42	7	4	1.3
L0E4700N	0.022	4	2.96	0.02	0.07	51.9	0.14	12	0.1	0.18	7	1.6	0.5
L0E4750N	0.02	2	3.06	0.018	0.06	55.6	0.08	12.2	0.1	0.16	7	1.5	0.5
L0E4800N	0.022	2	3.96	0.02	0.07	32.4	0.03	18	0.1	0.09	9	1.5	0.5
L0E4850N	0.008	2	3.2	0.016	0.08	34.1	0.07	19.7	0.1	0.13	8	1.4	0.4
L0E4900N	0.034	2	2.4	0.019	0.07	18.3	0.02	14.4	0.2	0.12	7	1.9	0.4
L0E4950N	0.016	2	2.64	0.014	0.1	8.5	0.06	14.8	0.2	0.15	7	1.8	0.5
L0E5000N	0.048	2	3.15	0.016	0.14	7	0.08	14.7	0.2	0.13	9	1.1	0.5
L0E5050N	0.028	2	3.29	0.017	0.08	5.5	0.04	11.5	0.1	0.13	9	0.9	0.2
L0E5100N	0.039	1	3.08	0.022	0.08	5.8	0.03	12.4	0.1	0.13	8	0.9	0.2

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L0E5150N	0.037	2	3.03	0.03	0.07	7.2	0.03	11.8	0.05	0.07	7	0.6	0.3
L0E5200N	0.032	3	3.21	0.022	0.14	8	0.08	11.8	0.1	0.15	8	0.8	0.3
L0E5250N	0.037	2	2.9	0.015	0.08	6.9	0.11	11.1	0.1	0.15	8	1.2	0.6
L0E5300N	0.029	1	3.31	0.018	0.06	9.4	0.03	16	0.05	0.07	9	1	0.3
L0E5350N	0.02	2	2.96	0.017	0.06	3.8	0.06	5.9	0.1	0.19	8	1	0.1
L0E5400N	0.014	1	2.99	0.008	0.05	7.4	0.05	7.4	0.1	0.07	11	0.7	0.1
L1000E4400N	0.021	4	2.78	0.015	0.07	0.9	0.12	6.4	0.2	0.23	4	3.1	0.1
L1000E4450N	0.051	1	1.7	0.011	0.06	1.1	0.05	4.6	0.1	0.1	6	0.6	0.1
L1000E4500N	0.061	1	1.43	0.009	0.06	1	0.13	2.8	0.05	0.15	5	0.5	0.1
L1000E4550N	0.114	2	1.76	0.01	0.09	0.6	0.13	5.6	0.1	0.12	8	0.25	0.1
L1000E4600N	0.077	2	2.4	0.01	0.07	0.7	0.08	4.7	0.1	0.1	7	0.5	0.1
L1000E4650N	0.11	1	2.45	0.011	0.07	1	0.09	5.6	0.2	0.09	8	0.25	0.1
L1000E4700N	0.069	1	2.39	0.012	0.08	0.9	0.02	5.1	0.1	0.06	5	0.25	0.1
L1000E4750N	0.028	2	3.01	0.007	0.1	0.5	0.06	8.4	0.1	0.09	8	0.25	0.2
L1000E4800N	0.049	2	3.37	0.01	0.12	0.4	0.04	16.6	0.1	0.11	9	0.5	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L1000E4850N	0.007	1	3.77	0.005	0.06	0.3	0.02	15.2	0.05	0.025	8	0.6	0.1
L1000E4900N	0.046	1	1.96	0.008	0.07	0.4	0.03	5.8	0.05	0.07	7	0.25	0.1
L1000E4950N	0.007	0.5	2.33	0.009	0.03	0.1	0.03	7.1	0.05	0.025	6	0.25	0.1
L1000E5000N	0.001	0.5	2.65	0.007	0.06	0.1	0.06	13.6	0.05	0.025	6	0.25	0.1
L1000E5050N	0.041	2	2.33	0.007	0.07	0.4	0.09	4.1	0.05	0.025	6	0.25	0.1
L1000E5100N	0.05	2	1.56	0.008	0.04	0.3	0.02	3.8	0.05	0.025	5	0.25	0.1
L1000E5150N	0.046	0.5	1.1	0.005	0.04	0.5	0.05	2.7	0.05	0.025	5	0.6	0.1
L1000E5200N	0.04	0.5	2.01	0.008	0.04	0.2	0.005	5.3	0.05	0.025	5	0.25	0.1
L1000E5250N	0.013	2	2.61	0.006	0.05	0.3	0.02	4	0.05	0.08	8	0.25	0.1
L1000E5300N	0.08	0.5	2	0.005	0.04	0.5	0.1	5.6	0.1	0.025	9	0.25	0.1
L1000E5350N	0.092	0.5	1.74	0.006	0.07	0.7	0.05	5.4	0.05	0.025	8	0.25	0.1
L1000E5400N	0.072	0.5	1.86	0.005	0.05	0.7	0.04	5.5	0.05	0.025	9	0.25	0.1
L100E4400N	0.0005	0.5	2.13	0.004	0.06	0.5	0.04	12	0.2	0.09	7	0.25	0.4
L100E4450N	0.009	1	3.65	0.016	0.05	16.4	0.04	8.1	0.1	0.08	6	0.25	0.1
L100E4500N	0.001	0.5	5.13	0.019	0.09	12.9	0.03	8.4	0.05	0.025	7	0.25	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L100E4550N	0.016	2	2.51	0.013	0.05	15.8	0.12	6.6	0.1	0.17	5	0.8	0.1
L100E4600N	0.027	2	3.15	0.02	0.08	53.6	0.08	13.5	0.2	0.13	7	1.2	0.5
L100E4650N	0.018	2	2.55	0.012	0.07	33.3	0.04	13.8	0.2	0.13	7	1.5	0.5
L100E4700N	0.029	2	2.89	0.01	0.07	31.4	0.1	9.3	0.2	0.15	8	1.3	0.2
L100E4750N	0.034	2	3.05	0.021	0.07	28.1	0.07	12.9	0.2	0.14	8	1.6	0.4
L100E4800N	0.05	2	3.49	0.015	0.08	35.5	0.07	13.9	0.2	0.13	10	1.8	0.4
L100E4850N	0.014	2	3.27	0.013	0.07	21.4	0.04	16.5	0.1	0.09	8	0.9	0.4
L100E4900N	0.019	2	2.33	0.018	0.07	18	0.06	12.4	0.1	0.16	6	1.4	0.3
L100E4950N	0.03	2	2.53	0.018	0.07	18.1	0.02	12.8	0.2	0.14	7	1.7	0.3
L100E5000N	0.017	3	2.3	0.013	0.06	6.3	0.09	10.9	0.2	0.24	6	1.5	0.3
L100E5050N	0.075	2	2.39	0.015	0.17	5.3	0.02	7.8	0.1	0.08	7	0.25	0.1
L100E5100N	0.025	4	1.94	0.012	0.08	2.3	0.11	5.3	0.1	0.23	5	2	0.1
L100E5150N	0.03	3	2.89	0.021	0.06	7.3	0.07	10.3	0.1	0.14	7	1.1	0.2
L100E5200N	0.023	4	2.3	0.018	0.06	4	0.11	7.3	0.1	0.23	6	1.2	0.1
L100E5250N	0.052	3	2.52	0.017	0.1	6.3	0.09	7.3	0.1	0.19	7	0.8	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L100E5300N	0.05	3	2.21	0.01	0.08	4.8	0.09	6.3	0.1	0.12	7	0.7	0.1
L100E5350N	0.043	3	2.19	0.009	0.1	6.6	0.14	5.9	0.05	0.17	7	0.25	0.1
L100E5400N	0.072	2	2.59	0.017	0.14	5.4	0.03	7.7	0.1	0.11	7	0.25	0.1
L1100E4400N	0.023	0.5	2.64	0.008	0.06	0.6	0.04	6.8	0.1	0.025	7	0.25	0.1
L1100E4450N	0.012	0.5	1.68	0.006	0.08	0.5	0.07	5	0.05	0.07	7	0.25	0.1
L1100E4500N	0.028	0.5	2.53	0.006	0.1	0.8	0.05	6.8	0.05	0.07	7	0.6	0.1
L1100E4550N	0.037	0.5	2.05	0.011	0.05	0.4	0.04	9.5	0.1	0.025	6	0.7	0.1
L1100E4600N	0.076	0.5	3.11	0.021	0.1	0.6	0.04	10.5	0.2	0.025	8	0.25	0.1
L1100E4650N	0.042	2	3.02	0.01	0.06	1	0.19	9.8	0.2	0.14	8	0.25	0.9
L1100E4700N	0.077	0.5	3.2	0.015	0.2	1.4	0.11	7.5	0.6	0.15	8	1	0.1
L1100E4750N	0.335	0.5	3.7	0.008	0.18	0.7	0.07	9.3	0.2	0.025	13	0.6	0.1
L1100E4800N	0.01	0.5	2.14	0.01	0.06	0.4	0.06	15.9	0.1	0.07	5	0.25	0.1
L1100E4850N	0.043	1	2.43	0.012	0.09	0.5	0.13	6.2	0.05	0.05	5	0.6	0.1
L1100E4900N	0.006	0.5	3.02	0.004	0.03	0.2	0.05	6.1	0.05	0.025	7	0.25	0.1
L1100E4950N	0.044	0.5	1.68	0.008	0.04	0.3	0.04	3.8	0.05	0.025	4	0.25	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L1100E5000N	0.055	0.5	1.73	0.008	0.04	0.2	0.02	4.8	0.05	0.025	4	0.25	0.1
L1100E5050N	0.047	0.5	2.09	0.01	0.04	0.2	0.03	5.1	0.05	0.025	5	0.25	0.1
L1100E5100N	0.067	0.5	1.74	0.009	0.04	0.2	0.01	6.2	0.05	0.025	4	0.25	0.1
L1100E5150N	0.059	0.5	1.86	0.007	0.05	0.2	0.03	4.7	0.05	0.025	4	0.25	0.1
L1100E5200N	0.064	0.5	1.48	0.007	0.04	0.3	0.02	3.4	0.05	0.025	4	0.25	0.1
L1100E5250N	0.068	0.5	1.35	0.008	0.04	0.2	0.02	4.3	0.05	0.025	4	0.25	0.1
L1100E5300N	0.038	0.5	2.51	0.007	0.04	0.5	0.09	5.6	0.05	0.025	6	0.25	0.1
L1100E5350N	0.082	0.5	1.49	0.008	0.08	0.2	0.01	4.7	0.1	0.025	4	0.25	0.1
L1100E5400N	0.031	0.5	3.7	0.012	0.09	0.5	0.09	8.7	0.2	0.14	7	0.25	0.1
L1200E4400N	0.061	1	1.84	0.011	0.09	0.6	0.07	3.6	0.05	0.06	6	0.25	0.1
L1200E4450N	0.08	0.5	2.02	0.013	0.07	0.6	0.03	4.2	0.2	0.06	5	0.25	0.1
L1200E4500N	0.014	0.5	2.71	0.006	0.07	0.3	0.06	8.9	0.05	0.025	8	0.25	0.1
L1200E4550N	0.005	1	3.22	0.006	0.06	0.3	0.005	16.9	0.05	0.025	7	0.25	0.1
L1200E4600N	0.092	1	1.85	0.011	0.05	0.5	0.03	4.4	0.05	0.025	5	0.25	0.1
L1200E4650N	0.093	0.5	2.23	0.01	0.06	0.5	0.08	5.1	0.05	0.025	7	0.5	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L1200E4700N	0.06	2	2.18	0.008	0.05	0.3	0.005	5.4	0.05	0.025	6	0.25	0.1
L1200E4750N	0.067	0.5	1.74	0.009	0.05	0.4	0.005	5.6	0.05	0.025	5	0.25	0.1
L1200E4800N	0.077	1	1.83	0.009	0.04	0.3	0.01	4.9	0.05	0.025	5	0.25	0.1
L1200E4850N	0.055	0.5	1.88	0.009	0.04	0.2	0.01	8	0.05	0.025	5	0.25	0.1
L1200E4900N	0.079	0.5	1.89	0.011	0.04	0.3	0.01	5.5	0.05	0.025	5	0.25	0.1
L1200E4950N	0.085	0.5	1.42	0.01	0.04	0.3	0.005	5.7	0.05	0.025	4	0.25	0.1
L1200E5000N	0.082	0.5	2.14	0.01	0.04	0.2	0.005	8.7	0.05	0.025	6	0.25	0.1
L1200E5050N	0.066	0.5	1.77	0.009	0.05	0.3	0.02	4.8	0.05	0.025	5	0.25	0.1
L1200E5100N	0.052	0.5	1.95	0.008	0.05	0.3	0.04	5.2	0.05	0.025	5	0.25	0.1
L1200E5150N	0.037	3	1.68	0.01	0.2	0.2	0.09	5	0.05	0.1	4	0.25	0.1
L1200E5200N	0.081	0.5	2.16	0.01	0.06	0.3	0.03	8.2	0.05	0.025	6	0.25	0.1
L1200E5250N	0.094	0.5	2.14	0.015	0.08	0.3	0.01	8	0.05	0.025	6	0.25	0.1
L1200E5300N	0.069	0.5	1.6	0.012	0.04	0.2	0.02	5	0.05	0.025	5	0.25	0.1
L1200E5350N	0.057	1	3.98	0.015	0.09	0.4	0.06	9.1	0.1	0.1	10	0.6	0.1
L1200E5400N	0.132	0.5	1.65	0.014	0.04	0.2	0.005	6.1	0.05	0.025	5	0.25	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L1300E4400N	0.046	0.5	3.3	0.056	0.12	0.3	0.04	5	0.2	0.025	7	0.5	0.1
L1300E4450N	0.049	0.5	2.67	0.01	0.04	0.2	0.08	3.1	0.1	0.05	6	0.5	0.1
L1300E4500N	0.053	1	2.31	0.012	0.09	0.4	0.07	4.4	0.1	0.025	7	0.25	0.1
L1300E4550N	0.086	0.5	1.3	0.01	0.03	0.2	0.005	5.2	0.05	0.025	4	0.25	0.1
L1300E4600N	0.088	0.5	1.74	0.01	0.05	0.4	0.05	3.9	0.2	0.025	7	0.25	0.1
L1300E4650N	0.126	0.5	1.31	0.008	0.04	0.5	0.04	3.4	0.1	0.025	8	0.25	0.1
L1300E4700N	0.15	0.5	1.44	0.008	0.06	0.9	0.03	3.2	0.05	0.025	7	0.25	0.1
L1300E4750N	0.069	0.5	2.07	0.011	0.05	0.2	0.03	8.6	0.05	0.025	5	0.25	0.1
L1300E4800N	0.05	0.5	1.74	0.008	0.06	0.2	0.02	3.4	0.05	0.025	4	0.25	0.1
L1300E4850N	0.082	0.5	2.28	0.01	0.06	0.7	0.07	4.2	0.05	0.025	5	0.25	0.1
L1300E4900N	0.11	0.5	1.6	0.013	0.04	0.2	0.005	7.5	0.05	0.025	5	0.25	0.1
L1300E4950N	0.036	0.5	1.5	0.011	0.05	0.2	0.04	2.3	0.05	0.08	4	0.25	0.1
L1300E5000N	0.061	0.5	1.4	0.007	0.03	0.2	0.005	6	0.05	0.025	4	0.25	0.1
L1300E5050N	0.073	0.5	1.77	0.008	0.06	0.3	0.04	5.1	0.05	0.025	7	0.25	0.1
L1300E5100N	0.008	0.5	2.9	0.007	0.09	0.2	0.03	10.9	0.05	0.025	8	0.25	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L1300E5150N	0.078	0.5	1.83	0.01	0.05	0.2	0.02	5.1	0.05	0.025	5	0.25	0.1
L1300E5200N	0.082	0.5	1.83	0.009	0.05	0.3	0.02	4.6	0.05	0.025	5	0.25	0.1
L1300E5250N	0.097	0.5	1.75	0.013	0.04	0.2	0.01	6.7	0.05	0.025	5	0.25	0.1
L1300E5300N	0.021	2	3.13	0.011	0.06	0.3	0.09	4.3	0.1	0.14	6	0.25	0.1
L1300E5350N	0.034	3	2.95	0.01	0.04	0.3	0.07	2.3	0.05	0.025	5	1.3	0.1
L1300E5400N	0.065	3	1.97	0.008	0.05	0.4	0.03	3.7	0.05	0.025	6	0.25	0.1
L200E4400N	0.005	2	4.07	0.019	0.06	13.5	0.05	11.3	0.1	0.17	8	0.9	0.4
L200E4450N	0.01	2	3.26	0.013	0.08	11.2	0.02	14.1	0.05	0.09	7	0.6	0.3
L200E4500N	0.009	2	3.59	0.014	0.08	13.5	0.02	17.4	0.1	0.11	8	0.9	0.3
L200E4550N	0.014	3	2.85	0.02	0.07	17.2	0.02	15.4	0.1	0.15	7	0.8	0.1
L200E4600N	0.007	3	2.05	0.013	0.05	12.9	0.08	9.5	0.1	0.25	5	1.1	0.2
L200E4650N	0.004	2	2.15	0.008	0.08	11.6	0.03	20.5	0.6	0.18	6	2.2	0.3
L200E4700N	0.022	2	3.04	0.013	0.12	14.5	0.04	15	0.2	0.13	8	1.5	0.3
L200E4750N	0.009	5	1.45	0.01	0.03	5	0.07	5.8	0.1	0.24	4	1.8	0.1
L200E4800N	0.028	2	3.21	0.008	0.08	13.5	0.09	8.6	0.2	0.12	7	1	0.3

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L200E4850N	0.039	2	3.49	0.015	0.1	15.3	0.005	15.2	0.2	0.08	9	1.1	0.4
L200E4900N	0.021	4	2.08	0.012	0.06	11.1	0.14	6.2	0.2	0.22	5	1.3	0.1
L200E4950N	0.022	3	1.33	0.008	0.07	8.2	0.07	3.3	0.1	0.23	4	0.9	0.1
L200E5000N	0.019	2	2.92	0.014	0.06	9.5	0.05	9.8	0.2	0.19	8	1.2	0.3
L200E5050N	0.082	2	2.98	0.014	0.2	5.2	0.02	7.7	0.2	0.07	8	0.25	0.1
L200E5100N	0.041	3	2.77	0.02	0.07	9	0.05	9.7	0.1	0.13	7	0.5	0.1
L200E5150N	0.01	3	1.35	0.01	0.03	1.4	0.1	1.7	0.05	0.28	2	1	0.1
L200E5200N	0.042	2	2.63	0.014	0.09	4.7	0.03	5.5	0.1	0.13	6	0.6	0.1
L200E5250N	0.081	2	2.84	0.022	0.14	8.3	0.02	9.7	0.1	0.08	8	0.25	0.1
L200E5300N	0.035	2	2.72	0.015	0.14	2.6	0.09	5.3	0.2	0.21	7	0.8	0.1
L200E5350N	0.049	2	2.84	0.015	0.12	4.5	0.04	8.6	0.2	0.13	8	0.7	0.2
L200E5400N	0.083	2	3.21	0.022	0.18	3.4	0.05	10	0.2	0.11	9	0.9	0.1
L300E4400N	0.012	2	4.22	0.017	0.06	44.4	0.12	17	0.2	0.18	9	2.2	0.5
L300E4450N	0.005	1	3.93	0.009	0.06	14.3	0.02	24.5	0.3	0.11	10	2.9	0.9
L300E4500N	0.007	2	2.92	0.013	0.05	3.7	0.04	11	0.1	0.2	7	1.4	0.2

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L300E4550N	0.011	2	3.18	0.015	0.07	17	0.02	14.2	0.1	0.14	7	0.8	0.1
L300E4600N	0.009	2	2.91	0.012	0.06	10.8	0.03	15	0.1	0.12	7	0.8	0.1
L300E4650N	0.045	2	3.5	0.011	0.11	10.1	0.06	5.9	0.1	0.18	8	0.6	0.1
L300E4700N	0.033	1	2.36	0.011	0.11	9.4	0.03	6.3	0.1	0.13	8	0.7	0.1
L300E4750N	0.036	2	2.95	0.016	0.12	11.3	0.04	8.9	0.2	0.13	6	0.6	0.1
L300E4800N	0.048	1	3.37	0.014	0.12	8.7	0.04	11.8	0.2	0.11	9	0.25	0.1
L300E4850N	0.036	3	2.86	0.016	0.09	16.9	0.06	7.2	0.1	0.1	6	1.1	0.1
L300E4900N	0.034	3	2.27	0.017	0.08	12	0.02	9.8	0.1	0.15	6	0.9	0.3
L300E4950N	0.058	2	2.12	0.012	0.16	3.7	0.02	4.6	0.2	0.1	6	0.25	0.1
L300E5000N	0.086	1	1.89	0.012	0.21	2.2	0.01	4.8	0.2	0.09	6	0.25	0.1
L300E5050N	0.032	3	2.06	0.015	0.09	7.5	0.04	7.7	0.2	0.13	6	1.2	0.2
L300E5100N	0.073	2	2.34	0.021	0.1	8.4	0.01	10.1	0.2	0.09	7	0.8	0.1
L300E5150N	0.061	3	3.15	0.017	0.27	2	0.1	8.4	0.3	0.18	8	0.9	0.1
L300E5200N	0.062	2	2.28	0.018	0.18	4	0.03	7.9	0.2	0.15	6	0.6	0.1
L300E5250N	0.067	2	3.35	0.017	0.25	1.2	0.04	6.5	0.4	0.14	9	0.6	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L300E5300N	0.057	2	2.58	0.016	0.23	1.2	0.07	7.3	0.3	0.2	7	1	0.1
L300E5350N	0.052	2	2.84	0.013	0.28	1.1	0.11	8.4	0.3	0.22	8	1.4	0.1
L300E5400N	0.071	2	2.52	0.011	0.15	4.5	0.06	7.5	0.2	0.14	8	0.7	0.1
L400E4400N	0.041	1	1.72	0.009	0.1	2.1	0.02	3.6	0.1	0.16	6	0.8	0.1
L400E4450N	0.028	2	3.3	0.014	0.09	24.2	0.04	11.9	0.1	0.12	8	1.2	0.3
L400E4500N	0.036	1	2.92	0.014	0.12	9.7	0.03	9.5	0.2	0.11	7	1	0.3
L400E4550N	0.055	2	2.69	0.016	0.16	6.4	0.03	7.6	0.2	0.14	7	0.6	0.1
L400E4600N	0.025	2	2.68	0.018	0.11	11	0.03	10.2	0.2	0.15	7	0.8	0.1
L400E4650N	0.02	2	2.81	0.013	0.12	13	0.02	12.7	0.2	0.13	7	1	0.1
L400E4700N	0.09	2	2.82	0.015	0.26	2	0.05	8	0.3	0.16	8	0.6	0.1
L400E4750N	0.072	0.5	2.04	0.01	0.19	1.7	0.02	4.5	0.2	0.09	7	0.25	0.1
L400E4800N	0.066	0.5	1.63	0.011	0.2	3	0.005	5.3	0.2	0.06	5	0.6	0.1
L400E4850N	0.082	0.5	1.68	0.013	0.18	2.5	0.02	4.8	0.2	0.07	6	0.25	0.1
L400E4900N	0.082	1	1.9	0.012	0.19	1.2	0.02	4.6	0.2	0.09	6	0.25	0.1
L400E4950N	0.064	1	2.21	0.012	0.21	1.6	0.04	5.1	0.2	0.11	6	0.7	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L400E5000N	0.073	1	1.96	0.014	0.2	2.1	0.03	5.2	0.2	0.12	6	0.6	0.1
L400E5050N	0.063	1	1.93	0.012	0.16	2.6	0.03	5.3	0.2	0.08	6	0.25	0.1
L400E5100N	0.058	2	2.23	0.016	0.13	4.4	0.02	7.7	0.2	0.17	7	0.8	0.1
L400E5150N	0.056	2	2.67	0.017	0.2	2.5	0.07	8.9	0.3	0.17	7	1.8	0.1
L400E5200N	0.055	0.5	1.65	0.015	0.09	2.4	0.02	5.4	0.2	0.1	5	0.7	0.1
L400E5250N	0.039	1	2.35	0.018	0.15	1.5	0.08	7.2	0.3	0.21	6	2.1	0.1
L400E5300N	0.039	1	2.32	0.016	0.1	2	0.04	6.7	0.2	0.12	6	1.2	0.1
L400E5350N	0.044	2	2.28	0.014	0.15	3.6	0.05	7.4	0.2	0.08	7	0.9	0.1
L400E5400N	0.047	1	1.93	0.018	0.09	3.6	0.03	6	0.2	0.11	6	0.8	0.1
L500E4400N	0.047	1	2.44	0.016	0.12	6.1	0.02	8	0.1	0.06	7	0.6	0.3
L500E4450N	0.037	2	3.07	0.012	0.09	6.4	0.04	7.2	0.1	0.09	8	0.25	0.3
L500E4500N	0.057	1	2.84	0.016	0.16	4.9	0.03	8.9	0.2	0.08	8	0.25	0.1
L500E4550N	0.012	2	3.41	0.014	0.08	10.3	0.05	12.8	0.2	0.11	8	1.8	0.4
L500E4600N	0.079	2	1.7	0.012	0.17	1.5	0.01	4.4	0.2	0.07	6	0.25	0.1
L500E4650N	0.01	2	2.62	0.015	0.06	15	0.01	12.4	0.1	0.11	7	1.1	0.3

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L500E4700N	0.011	2	2.76	0.015	0.07	11.8	0.03	14.5	0.1	0.1	7	1	0.1
L500E4750N	0.087	2	2.17	0.013	0.19	1.7	0.03	6.5	0.2	0.11	7	0.6	0.1
L500E4800N	0.09	2	1.86	0.014	0.16	1.4	0.01	4.7	0.2	0.18	6	0.25	0.1
L500E4850N	0.063	2	2.26	0.014	0.11	9.6	0.02	7.9	0.1	0.11	7	0.8	0.1
L500E4900N	0.062	2	1.96	0.012	0.14	5.1	0.02	5.6	0.2	0.07	6	0.25	0.1
L500E4950N	0.111	2	2.38	0.014	0.27	1.1	0.04	7.4	0.3	0.07	7	0.7	0.1
L500E5050N	0.046	1	1.41	0.013	0.07	2.6	0.02	4.3	0.1	0.11	4	0.6	0.1
L500E5100N	0.055	2	2.44	0.014	0.11	1.1	0.04	5	0.2	0.12	7	0.5	0.1
L500E5150N	0.063	2	2.67	0.016	0.16	2.1	0.06	7	0.2	0.14	7	1.3	0.1
L500E5200N	0.063	2	2.47	0.017	0.09	0.8	0.05	10.2	0.2	0.14	7	1	0.1
L500E5250N	0.092	1	1.9	0.021	0.15	1.8	0.005	6.9	0.2	0.05	6	0.25	0.1
L500E5300N	0.08	1	2.61	0.019	0.21	1.4	0.03	12.4	0.2	0.025	7	0.25	0.1
L500E5350N	0.098	3	2.61	0.017	0.19	1.3	0.03	8.1	0.2	0.09	8	0.25	0.1
L500E5400N	0.073	2	1.56	0.012	0.1	2	0.04	5.4	0.1	0.1	6	0.25	0.1
L600E4400N	0.047	1	2.73	0.014	0.15	3.3	0.04	9.3	0.2	0.14	7	1.1	0.2

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L600E4450N	0.09	2	2.5	0.015	0.25	1.2	0.03	8	0.2	0.12	7	0.25	0.1
L600E4500N	0.069	1	2.15	0.01	0.15	2.2	0.02	5.4	0.2	0.11	7	0.25	0.1
L600E4550N	0.165	2	2.41	0.015	0.25	1.5	0.03	9	0.3	0.08	9	0.9	0.1
L600E4600N	0.13	0.5	2.5	0.06	0.15	0.5	0.005	4.6	0.2	0.05	7	0.25	0.1
L600E4650N	0.051	2	3.16	0.017	0.19	3.8	0.04	10.1	0.3	0.15	8	1.3	0.1
L600E4750N	0.084	1	2.34	0.019	0.13	1.2	0.02	6.3	0.2	0.12	7	0.6	0.1
L600E4800N	0.088	0.5	1.68	0.017	0.12	1.5	0.005	5.6	0.05	0.05	5	0.25	0.1
L600E4850N	0.074	2	2.51	0.016	0.15	1.1	0.02	6.3	0.3	0.12	7	0.25	0.1
L600E4900N	0.067	2	2.59	0.019	0.13	0.9	0.06	9	0.2	0.18	7	1	0.1
L600E4950N	0.086	1	2.13	0.015	0.12	0.8	0.02	7.3	0.1	0.09	6	0.25	0.1
L600E5000N	0.103	1	1.98	0.013	0.11	1	0.01	5.2	0.2	0.07	9	0.25	0.1
L600E5050N	0.057	2	1.82	0.012	0.08	0.7	0.04	5.4	0.1	0.12	6	0.25	0.1
L600E5100N	0.076	2	1.9	0.016	0.08	0.7	0.02	5.9	0.1	0.09	5	0.25	0.1
L600E5150N	0.083	1	2.5	0.015	0.09	0.7	0.03	7.4	0.2	0.08	8	0.25	0.1
L600E5200N	0.07	1	2.37	0.014	0.1	0.7	0.02	6.3	0.1	0.07	6	0.25	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L600E5250N	0.008	2	2.15	0.006	0.12	2.4	0.12	28.9	0.6	0.18	6	1.3	0.1
L600E5300N	0.071	2	1.75	0.015	0.07	1.4	0.04	4.6	0.1	0.08	6	0.25	0.1
L600E5350N	0.065	1	2.92	0.018	0.09	1.4	0.04	11	0.2	0.08	8	0.25	0.1
L600E5400N	0.104	3	2.95	0.013	0.09	1.4	0.06	7	0.05	0.025	9	0.25	0.1
L700E4400N	0.072	3	3.2	0.015	0.24	3.2	0.11	10.1	0.3	0.12	10	1.8	0.1
L700E4450N	0.09	2	2.84	0.016	0.22	3.8	0.06	10.5	0.2	0.09	8	1.8	0.1
L700E4500N	0.068	2	1.98	0.018	0.1	2.8	0.04	6.2	0.2	0.025	6	1.3	0.1
L700E4550N	0.046	2	1.84	0.022	0.08	6.3	0.04	5.7	0.1	0.07	5	1.6	0.1
L700E4600N	0.104	1	2.43	0.02	0.22	1.4	0.03	8.5	0.3	0.025	6	0.6	0.1
L700E4650N	0.093	1	2.09	0.017	0.15	1.5	0.005	5.4	0.2	0.025	6	0.25	0.1
L700E4700N	0.209	2	3.47	0.058	0.31	0.3	0.02	7.6	0.2	0.025	11	0.25	0.1
L700E4750N	0.056	2	2.09	0.018	0.09	0.6	0.03	5.7	0.1	0.07	6	0.5	0.1
L700E4800N	0.095	1	2.47	0.018	0.12	1.1	0.03	7.4	0.1	0.025	7	0.25	0.1
L700E4850N	0.072	2	1.53	0.01	0.09	1.1	0.1	4.7	0.1	0.06	7	0.25	0.1
L700E4900N	0.096	1	2.55	0.016	0.1	1.1	0.03	8.2	0.2	0.025	7	0.25	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L700E4950N	0.097	1	3.3	0.014	0.16	1.1	0.03	10.6	0.05	0.025	8	0.8	0.1
L700E5000N	0.069	3	1.93	0.011	0.12	0.6	0.15	5.7	0.05	0.11	6	0.25	0.1
L700E5100N	0.094	2	1.95	0.008	0.09	0.3	0.1	6.5	0.05	0.025	7	0.25	0.1
L700E5150N	0.101	3	2.19	0.011	0.22	0.3	0.08	6.3	0.1	0.08	6	0.25	0.1
L700E5200N	0.042	2	2.39	0.015	0.06	0.3	0.03	2.6	0.05	0.07	7	0.5	0.1
L700E5250N	0.062	0.5	1.98	0.007	0.06	0.8	0.11	6.1	0.1	0.025	8	0.25	0.1
L700E5300N	0.03	1	3.11	0.009	0.05	0.3	0.06	11	0.1	0.025	8	0.25	0.1
L700E5350N	0.028	2	3.61	0.007	0.1	0.4	0.03	11.3	0.05	0.025	8	0.25	0.1
L700E5400N	0.056	1	2.05	0.009	0.07	0.9	0.1	4.6	0.05	0.07	7	0.25	0.1
L800E4400N	0.048	0.5	2.27	0.022	0.08	2.4	0.03	6.3	0.2	0.06	6	1.3	0.1
L800E4450N	0.097	0.5	2	0.019	0.16	2.4	0.03	5.7	0.2	0.025	6	1	0.1
L800E4500N	0.067	1	2.14	0.015	0.16	1.8	0.05	7.5	0.2	0.07	6	1.1	0.1
L800E4550N	0.095	1	2.42	0.018	0.15	2.4	0.03	8	0.2	0.025	6	0.6	0.5
L800E4600N	0.066	1	2.36	0.016	0.09	0.8	0.03	5.6	0.2	0.05	7	1	0.1
L800E4650N	0.083	1	2.32	0.013	0.09	1.6	0.03	6.6	0.1	0.025	7	0.25	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L800E4700N	0.046	1	2.06	0.013	0.08	1.3	0.07	7.4	0.1	0.1	6	0.9	0.1
L800E4750N	0.037	2	2.14	0.017	0.07	1.4	0.1	7.3	0.1	0.11	7	1.3	0.1
L800E4800N	0.091	1	1.75	0.012	0.06	1.6	0.05	4.6	0.05	0.025	7	0.25	0.1
L800E4850N	0.105	1	3.22	0.014	0.08	1.1	0.05	12.7	0.1	0.025	8	0.25	0.1
L800E4900N	0.104	2	2.67	0.01	0.11	0.5	0.04	7.6	0.05	0.025	9	0.25	0.1
L800E4950N	0.035	1	2.48	0.011	0.17	0.2	0.11	8.2	0.05	0.11	7	0.25	0.1
L800E5000N	0.057	3	1.97	0.014	0.07	0.2	0.09	7.3	0.05	0.11	6	0.25	0.1
L800E5050N	0.077	2	2.85	0.012	0.14	0.2	0.03	12.5	0.1	0.06	8	0.25	0.1
L800E5100N	0.052	1	2.36	0.011	0.07	0.3	0.13	5.7	0.05	0.12	6	0.25	0.1
L800E5150N	0.065	3	3.32	0.015	0.07	0.3	0.04	10.2	0.05	0.13	8	0.25	0.1
L800E5200N	0.051	2	2.97	0.009	0.07	0.6	0.05	7.7	0.05	0.13	7	0.7	0.1
L800E5250N	0.008	2	2.78	0.008	0.04	0.7	0.03	11	0.1	0.14	7	0.8	0.1
L800E5300N	0.008	2	2.91	0.006	0.11	0.1	0.03	16	0.05	0.12	7	0.25	0.1
L800E5350N	0.087	2	0.85	0.024	0.15	0.6	0.05	4	0.1	1.48	5	23.1	1.4
L800E5400N	0.042	3	2.06	0.007	0.08	1.1	0.04	4.9	0.05	0.1	6	0.25	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L900E4400N	0.036	3	1.83	0.013	0.07	0.6	0.07	4.4	0.1	0.19	5	2.1	0.1
L900E4450N	0.044	0.5	1.29	0.012	0.05	0.8	0.04	3.3	0.05	0.15	4	0.7	0.1
L900E4500N	0.024	2	1.57	0.015	0.06	0.7	0.09	2.9	0.1	0.23	4	2.4	0.1
L900E4550N	0.034	1	2.01	0.013	0.07	1	0.06	6.2	0.1	0.13	5	0.9	0.1
L900E4600N	0.086	1	1.7	0.013	0.07	1.1	0.04	4.9	0.05	0.11	6	0.25	0.1
L900E4650N	0.178	1	3.39	0.014	0.08	1.4	0.06	6.7	0.2	0.08	9	0.25	0.1
L900E4700N	0.124	2	2.13	0.011	0.1	1.5	0.04	5.7	0.1	0.1	9	0.5	0.1
L900E4750N	0.08	2	2.62	0.011	0.07	1.7	0.07	5.3	0.1	0.11	6	0.6	0.1
L900E4800N	0.017	1	2.61	0.007	0.08	0.3	0.05	8.6	0.1	0.14	7	0.25	0.1
L900E4850N	0.018	2	2.21	0.011	0.07	0.3	0.06	8.2	0.05	0.15	5	0.7	0.1
L900E4900N	0.028	1	2.44	0.009	0.11	0.4	0.03	9.1	0.1	0.1	7	0.25	0.1
L900E4950N	0.045	2	3.07	0.009	0.18	0.2	0.05	10.7	0.1	0.09	8	0.7	0.1
L900E5000N	0.05	2	1.9	0.007	0.08	0.3	0.05	5.5	0.1	0.17	7	0.25	0.1
L900E5050N	0.05	2	2.21	0.02	0.08	0.3	0.08	8.4	0.1	0.13	6	0.25	0.1
L900E5100N	0.033	3	2.14	0.011	0.08	0.3	0.09	10.3	0.1	0.13	6	0.25	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L900E5150N	0.018	3	2.49	0.009	0.05	0.2	0.06	4.8	0.1	0.2	5	0.25	0.1
L900E5200N	0.042	2	2.21	0.006	0.07	0.5	0.09	6.3	0.05	0.15	6	0.25	0.1
L900E5250N	0.007	1	2.5	0.006	0.04	0.2	0.05	11	0.05	0.15	6	0.8	0.1
L900E5300N	0.062	1	3.46	0.01	0.09	0.4	0.02	10.2	0.1	0.07	8	0.25	0.1
L900E5350N	0.049	2	1.98	0.007	0.08	0.3	0.04	5	0.05	0.12	6	0.25	0.1
L900E5400N	0.026	0.5	1.87	0.006	0.05	0.2	0.04	3.4	0.05	0.13	5	0.25	0.1
L999N1000E	0.051	1	1.9	0.007	0.12	0.5	0.02	2.6	0.1	0.06	6	0.25	0.1
L999N100E	0.052	2	1.02	0.007	0.06	0.5	0.02	2.7	0.05	0.08	5	0.25	0.1
L999N1100E	0.057	0.5	1.71	0.01	0.11	0.4	0.005	3	0.2	0.08	7	0.25	0.1
L999N1200E	0.088	1	1.73	0.007	0.11	0.6	0.01	3.1	0.1	0.06	6	0.25	0.1
L999N1300E	0.068	1	1.54	0.009	0.09	0.8	0.005	3.4	0.1	0.06	6	0.25	0.1
L999N1400E	0.077	1	1.77	0.012	0.14	0.8	0.01	4	0.2	0.05	5	0.5	0.1
L999N1500E	0.081	0.5	1.6	0.017	0.05	0.8	0.005	6.1	0.05	0.06	5	0.25	0.1
L999N1600E	0.086	1	1.93	0.015	0.04	0.6	0.005	5.7	0.05	0.07	5	0.25	0.1
L999N1700E	0.055	2	2.39	0.021	0.06	1.6	0.02	5.8	0.1	0.09	6	0.8	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L999N1800E	0.027	2	3.04	0.021	0.05	1.7	0.07	4.8	0.2	0.17	6	2.9	0.1
L999N1900E	0.055	1	1.82	0.028	0.06	2.5	0.03	5.4	0.05	0.1	5	1.1	0.1
L999N2000E	0.044	2	3.1	0.025	0.07	1.4	0.06	6.5	0.2	0.13	6	1.2	0.1
L999N200E	0.075	2	0.94	0.007	0.06	1.1	0.02	2.1	0.05	0.11	7	0.25	0.1
L999N2100E	0.086	1	1.83	0.022	0.06	1.5	0.01	4.9	0.1	0.09	5	0.25	0.1
L999N2200E	0.023	1	1.78	0.016	0.04	0.3	0.04	1.4	0.05	0.18	5	1.6	0.1
L999N2300E	0.052	1	2.66	0.022	0.06	0.7	0.02	3.8	0.1	0.1	5	0.8	0.1
L999N2400E	0.039	1	2.55	0.019	0.08	2.7	0.05	3	0.1	0.12	6	0.8	0.1
L999N2500E	0.076	0.5	2.5	0.015	0.1	1.2	0.02	4.4	0.1	0.08	5	0.25	0.1
L999N2600E	0.086	0.5	2.2	0.013	0.11	0.4	0.01	4.2	0.2	0.025	6	0.25	0.1
L999N2700E	0.022	2	2.2	0.008	0.09	0.2	0.07	0.7	0.1	0.16	7	0.8	0.1
L999N2800E	0.098	1	1.47	0.007	0.06	0.4	0.03	2.9	0.05	0.06	5	0.25	0.1
L999N2900E	0.082	1	1.77	0.007	0.09	0.4	0.05	2.9	0.05	0.09	6	0.25	0.1
L999N3000E	0.055	0.5	1.56	0.013	0.07	0.7	0.02	3.2	0.05	0.1	4	0.7	0.1
L999N300E	0.07	2	2.2	0.012	0.12	0.5	0.02	7.5	0.1	0.09	6	0.25	0.1

Sample #	% 0.001 Ti	PPM 1 B	% 0.01 Al	% 0.001 Na	% 0.01 K	PPM 0.1 W	PPM 0.01 Hg	PPM 0.1 Sc	PPM 0.1 Tl	% 0.05 S	PPM 1 Ga	PPM 0.5 Se	PPM 0.2 Te
L999N400E	0.052	2	1.75	0.01	0.11	0.5	0.02	4.3	0.1	0.1	6	0.5	0.1
L999N500E	0.078	2	1.96	0.009	0.15	0.8	0.05	3.7	0.1	0.06	8	0.25	0.1
L999N600E	0.059	2	1.41	0.01	0.11	0.6	0.03	2.3	0.1	0.09	5	0.25	0.1
L999N700E	0.11	2	1.14	0.008	0.12	0.9	0.01	3	0.1	0.06	6	0.25	0.1
L999N800E	0.083	2	1.62	0.009	0.14	0.8	0.005	3.2	0.1	0.05	5	0.25	0.1
L999N900E	0.062	2	1.6	0.007	0.11	0.7	0.03	2.6	0.1	0.07	5	0.25	0.1
SS13-1	0.079	2	1.43	0.016	0.13	0.8	0.005	4	0.1	0.08	4	0.5	0.1
SS13-2	0.097	0.5	1.88	0.011	0.18	1.5	0.03	5	0.2	0.1	6	0.6	0.1
SS13-3	0.058	0.5	2.6	0.012	0.29	0.4	0.08	6.3	0.3	0.19	7	1.6	0.1
SS13-4	0.038	1	1.81	0.011	0.16	0.8	0.04	5	0.2	0.16	5	1.8	0.1

APPENDIX VII. ASSAY CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Submitted By: Mike Power
Receiving Lab: Canada-Whitehorse
Received: August 09, 2013
Report Date: August 21, 2013
Page: 1 of 11

CERTIFICATE OF ANALYSIS WHI13000253.1

CLIENT JOB INFORMATION

Project: Eikland Mountain
Shipment ID: GR-2013-01
P.O. Number
Number of Samples: 291

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	291	Dry at 60C			WHI
SS80	291	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	291	Saving all or part of Soil Reject			WHI
1DX2	291	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Yellowknife)
3506 McDonald Drive
Yellowknife NT X1A 2H1
CANADA

CC: Gary Vivian

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000253.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
L0E4400N	Soil	2.0	178.1	13.5	61	0.2	18.2	29.2	930	3.51	58.6	4.6	0.6	70	0.4	1.1	10.8	100	0.66	0.096	5
L0E4450N	Soil	4.2	73.6	26.2	41	0.1	13.5	13.1	294	4.01	22.1	2.0	2.7	29	0.2	2.3	14.4	79	0.17	0.036	9
L0E4500N	Soil	3.3	16.4	46.0	32	0.8	22.4	23.1	1279	2.65	7.9	3.0	0.3	27	0.3	0.7	37.3	65	1.53	0.052	3
L0E4550N	Soil	1.6	18.0	5.8	43	<0.1	26.9	20.5	1299	3.09	3.9	1.6	0.5	43	0.2	5.2	3.5	71	1.53	0.045	3
L0E4600N	Soil	2.8	161.6	13.0	61	0.1	21.9	49.8	1475	4.78	17.8	3.7	1.1	43	0.4	1.1	4.0	116	0.60	0.097	7
L0E4650N	Soil	17.7	571.2	17.8	54	1.0	38.4	71.0	1832	12.22	22.7	17.3	5.0	99	0.3	4.8	19.7	82	0.82	0.089	11
L0E4700N	Soil	7.4	252.2	32.7	60	0.6	26.6	47.1	2521	5.98	25.9	7.8	1.4	63	0.5	2.3	14.3	99	1.25	0.129	10
L0E4750N	Soil	24.6	236.2	25.3	62	0.6	27.5	54.3	1792	7.64	50.7	17.7	2.2	59	0.3	1.9	24.8	95	1.02	0.084	11
L0E4800N	Soil	29.6	292.0	29.7	80	0.6	31.8	58.5	2224	8.64	44.0	12.4	2.3	84	0.5	1.7	24.7	122	0.87	0.083	10
L0E4850N	Soil	12.4	204.3	31.5	80	0.5	23.1	42.3	2028	7.87	122.7	25.2	1.7	49	0.5	2.0	24.5	110	0.88	0.103	9
L0E4900N	Soil	108.4	309.9	40.4	78	1.0	44.7	48.8	1551	8.14	121.9	28.5	4.0	37	0.5	3.0	66.7	82	0.72	0.044	16
L0E4950N	Soil	133.9	282.4	57.7	81	1.5	63.7	40.8	1583	7.21	117.6	23.2	3.5	34	0.5	4.6	99.0	81	1.29	0.071	15
L0E5000N	Soil	54.2	249.8	33.7	77	0.7	44.5	46.4	1919	7.69	888.0	38.4	3.3	37	0.3	3.3	34.4	97	0.86	0.082	13
L0E5050N	Soil	47.3	153.1	16.9	65	0.2	39.5	34.8	1089	6.03	57.2	5.9	2.8	52	0.2	1.5	10.5	95	0.72	0.064	10
L0E5100N	Soil	37.5	145.1	20.7	83	0.4	60.9	31.7	894	5.40	214.9	50.7	4.1	31	0.2	2.3	7.1	94	0.88	0.051	18
L0E5150N	Soil	29.2	120.2	15.0	62	0.2	42.0	33.1	890	5.30	53.3	7.5	2.5	55	0.2	1.5	5.6	89	0.79	0.033	9
L0E5200N	Soil	19.8	124.7	21.1	75	0.4	52.1	38.6	1440	5.05	79.0	11.6	1.8	54	0.3	1.4	7.2	97	1.36	0.100	11
L0E5250N	Soil	15.4	302.2	411.6	201	1.3	54.7	61.2	1583	6.93	92.9	1547	2.0	41	3.0	2.2	3.6	97	0.79	0.099	13
L0E5300N	Soil	19.2	181.2	23.7	88	0.2	40.2	34.8	833	6.46	79.5	16.7	2.1	58	0.3	2.1	4.7	107	0.69	0.079	13
L0E5350N	Soil	15.3	105.4	25.7	90	0.4	22.5	22.7	970	4.32	77.1	18.1	0.7	32	0.5	1.2	4.3	78	0.42	0.159	14
L0E5400N	Soil	21.3	68.2	14.6	53	<0.1	20.5	12.8	382	5.15	38.4	4.5	2.3	14	0.2	1.3	3.7	113	0.17	0.058	6
L100E4400N	Soil	3.3	348.6	26.9	58	0.4	12.6	38.6	1626	4.88	1293	38.2	8.4	11	0.1	3.6	3.0	48	0.56	0.048	25
L100E4450N	Soil	7.8	66.9	35.5	50	0.6	34.4	24.3	927	3.60	14.6	2.5	1.8	179	0.3	0.7	45.7	70	1.07	0.068	11
L100E4500N	Soil	5.4	48.4	21.2	49	0.4	24.8	23.7	1399	3.92	34.1	7.6	3.1	837	0.2	0.4	10.1	52	1.41	0.050	10
L100E4550N	Soil	4.6	105.1	17.0	50	0.4	22.6	26.2	1447	3.52	25.9	10.4	1.5	63	0.3	1.0	5.1	68	1.73	0.098	11
L100E4600N	Soil	14.5	349.6	37.7	86	1.0	41.1	53.7	2162	7.22	71.1	21.5	3.1	56	0.6	2.2	17.5	91	1.02	0.090	21
L100E4650N	Soil	93.8	366.8	48.0	93	1.2	46.1	47.3	2002	7.84	107.3	23.6	4.4	39	0.5	4.3	73.0	86	0.96	0.069	17
L100E4700N	Soil	23.9	195.8	24.9	88	0.5	41.4	29.4	1358	5.94	96.7	60.7	2.7	29	0.4	1.6	64.5	90	0.42	0.108	17
L100E4750N	Soil	48.3	319.5	33.9	79	0.6	41.4	44.2	1489	7.40	75.0	15.6	2.6	47	0.3	1.9	35.4	93	0.98	0.090	19
L100E4800N	Soil	88.1	361.9	40.2	95	0.6	66.0	56.9	1980	8.35	136.7	27.4	3.6	34	0.4	2.2	52.5	102	0.44	0.109	16

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000253.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	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
L0E4400N	Soil		24	1.08	128	0.026	2	3.38	0.015	0.04	12.2	0.04	9.4	0.1	0.12	6	0.5	<0.2
L0E4450N	Soil		26	0.56	94	0.026	2	1.76	0.007	0.04	36.9	0.04	4.3	0.2	0.13	6	0.5	0.4
L0E4500N	Soil		40	2.25	38	<0.001	2	3.90	0.010	0.07	3.8	0.04	12.7	0.2	0.11	5	<0.5	<0.2
L0E4550N	Soil		72	2.66	47	<0.001	<1	4.48	0.012	0.09	21.2	0.03	11.3	<0.1	0.08	6	<0.5	<0.2
L0E4600N	Soil		31	1.00	100	0.028	3	3.05	0.010	0.06	42.3	0.13	6.7	0.1	0.14	6	1.5	<0.2
L0E4650N	Soil		36	1.27	100	0.019	2	2.68	0.017	0.07	63.9	0.10	14.2	0.1	0.42	7	4.0	1.3
L0E4700N	Soil		39	1.38	89	0.022	4	2.96	0.020	0.07	51.9	0.14	12.0	0.1	0.18	7	1.6	0.5
L0E4750N	Soil		40	1.23	75	0.020	2	3.06	0.018	0.06	55.6	0.08	12.2	0.1	0.16	7	1.5	0.5
L0E4800N	Soil		42	1.72	81	0.022	2	3.96	0.020	0.07	32.4	0.03	18.0	0.1	0.09	9	1.5	0.5
L0E4850N	Soil		27	1.40	107	0.008	2	3.20	0.016	0.08	34.1	0.07	19.7	0.1	0.13	8	1.4	0.4
L0E4900N	Soil		53	1.34	152	0.034	2	2.40	0.019	0.07	18.3	0.02	14.4	0.2	0.12	7	1.9	0.4
L0E4950N	Soil		83	1.48	100	0.016	2	2.64	0.014	0.10	8.5	0.06	14.8	0.2	0.15	7	1.8	0.5
L0E5000N	Soil		63	1.60	93	0.048	2	3.15	0.016	0.14	7.0	0.08	14.7	0.2	0.13	9	1.1	0.5
L0E5050N	Soil		55	1.42	92	0.028	2	3.29	0.017	0.08	5.5	0.04	11.5	0.1	0.13	9	0.9	0.2
L0E5100N	Soil		111	1.73	61	0.039	1	3.08	0.022	0.08	5.8	0.03	12.4	0.1	0.13	8	0.9	0.2
L0E5150N	Soil		116	1.62	64	0.037	2	3.03	0.030	0.07	7.2	0.03	11.8	<0.1	0.07	7	0.6	0.3
L0E5200N	Soil		117	1.56	111	0.032	3	3.21	0.022	0.14	8.0	0.08	11.8	0.1	0.15	8	0.8	0.3
L0E5250N	Soil		80	1.28	84	0.037	2	2.90	0.015	0.08	6.9	0.11	11.1	0.1	0.15	8	1.2	0.6
L0E5300N	Soil		75	1.67	63	0.029	1	3.31	0.018	0.06	9.4	0.03	16.0	<0.1	0.07	9	1.0	0.3
L0E5350N	Soil		56	1.00	105	0.020	2	2.96	0.017	0.06	3.8	0.06	5.9	0.1	0.19	8	1.0	<0.2
L0E5400N	Soil		61	0.76	56	0.014	1	2.99	0.008	0.05	7.4	0.05	7.4	0.1	0.07	11	0.7	<0.2
L100E4400N	Soil		20	0.83	40	<0.001	<1	2.13	0.004	0.06	0.5	0.04	12.0	0.2	0.09	7	<0.5	0.4
L100E4450N	Soil		71	2.02	79	0.009	1	3.65	0.016	0.05	16.4	0.04	8.1	0.1	0.08	6	<0.5	<0.2
L100E4500N	Soil		67	2.59	752	0.001	<1	5.13	0.019	0.09	12.9	0.03	8.4	<0.1	<0.05	7	<0.5	<0.2
L100E4550N	Soil		33	1.02	116	0.016	2	2.51	0.013	0.05	15.8	0.12	6.6	0.1	0.17	5	0.8	<0.2
L100E4600N	Soil		51	1.61	147	0.027	2	3.15	0.020	0.08	53.6	0.08	13.5	0.2	0.13	7	1.2	0.5
L100E4650N	Soil		53	1.43	143	0.018	2	2.55	0.012	0.07	33.3	0.04	13.8	0.2	0.13	7	1.5	0.5
L100E4700N	Soil		61	1.46	99	0.029	2	2.89	0.010	0.07	31.4	0.10	9.3	0.2	0.15	8	1.3	0.2
L100E4750N	Soil		66	1.42	127	0.034	2	3.05	0.021	0.07	28.1	0.07	12.9	0.2	0.14	8	1.6	0.4
L100E4800N	Soil		136	1.90	84	0.050	2	3.49	0.015	0.08	35.5	0.07	13.9	0.2	0.13	10	1.8	0.4

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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000253.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
L100E4850N	Soil		27.4	200.8	33.1	83	0.4	31.4	38.9	1621	7.37	139.4	32.0	3.0	34	0.5	2.3	26.1	113	0.50	0.080	12
L100E4900N	Soil		54.4	182.8	29.3	63	0.8	30.7	29.2	1077	5.62	163.7	37.3	1.6	38	0.4	2.1	44.1	80	1.37	0.077	10
L100E4950N	Soil		74.3	219.0	24.5	68	0.7	42.4	34.9	1302	5.74	117.1	27.7	2.0	39	0.3	2.5	46.1	88	1.34	0.069	11
L100E5000N	Soil		78.2	205.0	46.9	78	1.0	32.1	35.5	1382	5.45	208.2	29.1	1.5	46	0.5	5.6	49.9	73	2.08	0.099	13
L100E5050N	Soil		18.8	76.8	13.4	61	0.1	31.6	19.7	650	3.95	47.4	4.9	6.1	34	0.3	1.3	5.2	78	0.62	0.071	16
L100E5100N	Soil		29.3	193.4	10.4	45	0.4	31.2	18.4	1027	2.63	43.3	9.5	0.8	47	0.6	4.3	2.8	59	2.38	0.116	13
L100E5150N	Soil		29.0	119.3	17.2	66	0.4	36.4	33.5	820	4.97	45.9	7.7	2.0	51	0.2	3.1	5.9	82	1.12	0.070	10
L100E5200N	Soil		17.1	120.7	14.7	64	0.4	25.9	21.5	941	3.45	43.3	12.1	0.9	51	0.4	5.1	3.2	60	2.10	0.103	9
L100E5250N	Soil		9.5	120.6	19.2	71	0.5	49.7	32.4	943	3.98	45.6	8.8	1.9	47	0.2	1.3	2.6	70	1.31	0.083	10
L100E5300N	Soil		15.3	47.2	12.0	46	0.2	17.8	12.8	383	3.77	44.8	2.2	3.1	17	0.3	0.8	3.8	72	0.26	0.066	11
L100E5350N	Soil		12.0	47.5	15.6	40	0.2	18.7	14.9	574	3.60	29.2	3.6	1.7	20	0.7	0.8	3.5	67	0.30	0.071	7
L100E5400N	Soil		11.1	72.9	15.1	52	0.2	28.4	22.1	574	3.92	36.8	3.2	6.3	24	0.2	0.9	3.3	73	0.55	0.045	18
L200E4400N	Soil		15.7	138.1	44.8	64	0.4	23.5	31.5	1338	6.25	40.4	5.1	1.5	75	0.3	1.2	60.0	90	1.16	0.096	5
L200E4450N	Soil		9.4	120.2	19.3	65	0.5	25.5	26.9	944	5.68	249.8	31.5	3.2	59	0.1	2.9	12.4	84	0.79	0.059	12
L200E4500N	Soil		37.6	182.3	26.9	65	0.4	24.5	35.8	1400	6.56	170.7	60.9	2.3	47	0.3	2.2	39.1	95	0.74	0.052	11
L200E4550N	Soil		39.6	174.3	19.6	63	0.3	33.0	28.8	1189	5.85	65.8	14.9	1.8	31	0.3	1.6	21.4	82	1.01	0.057	10
L200E4600N	Soil		44.4	204.3	18.0	52	0.7	15.5	20.8	968	4.19	50.6	9.2	0.8	40	0.4	1.6	21.2	58	2.02	0.104	10
L200E4650N	Soil		154.9	325.4	41.4	97	1.9	19.4	36.1	1323	8.88	1717	219.2	1.7	38	0.4	10.8	29.0	71	1.27	0.076	9
L200E4700N	Soil		111.1	253.3	42.3	76	0.7	44.9	41.3	1700	7.05	632.6	71.9	4.2	28	0.4	3.7	26.2	86	0.64	0.075	17
L200E4750N	Soil		35.2	202.2	16.2	48	0.6	13.9	15.8	782	2.93	71.8	24.4	0.6	49	0.6	2.1	17.5	40	2.97	0.101	8
L200E4800N	Soil		45.7	145.2	28.0	59	0.3	28.8	28.6	1160	5.07	134.1	9.4	3.0	18	0.4	2.2	21.5	75	0.30	0.090	10
L200E4850N	Soil		61.0	223.3	29.7	81	0.4	38.7	36.0	1213	7.04	161.2	17.7	4.7	24	0.4	2.6	28.3	99	0.42	0.067	13
L200E4900N	Soil		44.0	161.4	21.7	53	0.6	23.7	30.3	1449	3.76	104.7	19.3	0.8	42	0.6	1.5	14.5	58	2.06	0.114	16
L200E4950N	Soil		10.6	57.4	10.8	36	0.5	9.8	9.5	474	1.90	26.6	10.7	0.6	36	0.6	1.2	4.8	38	1.66	0.093	10
L200E5000N	Soil		57.1	164.8	37.2	84	0.5	28.6	31.6	1417	5.55	114.0	22.2	1.5	37	0.5	2.0	37.2	76	0.94	0.151	11
L200E5050N	Soil		12.0	63.8	14.1	54	0.2	25.8	16.5	556	3.59	41.3	3.6	7.8	19	0.2	0.8	5.6	66	0.35	0.050	22
L200E5100N	Soil		29.3	120.6	16.4	54	0.3	29.0	21.1	569	4.61	54.8	6.4	2.0	34	0.3	2.9	7.9	77	0.82	0.058	10
L200E5150N	Soil		6.6	58.7	5.8	11	0.4	4.9	3.6	73	0.97	7.7	5.9	0.1	33	0.2	3.1	0.9	22	1.14	0.156	14
L200E5200N	Soil		21.6	75.1	10.9	45	0.2	23.0	14.5	568	3.26	48.1	4.3	1.4	20	0.1	0.8	4.7	65	0.36	0.085	15
L200E5250N	Soil		14.9	84.1	13.0	63	0.2	31.6	19.4	618	4.08	40.8	3.1	6.1	23	0.2	0.9	6.8	80	0.56	0.050	16

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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000253.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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
L100E4850N	Soil	46	1.71	100	0.014	2	3.27	0.013	0.07	21.4	0.04	16.5	0.1	0.09	8	0.9	0.4
L100E4900N	Soil	52	1.16	84	0.019	2	2.33	0.018	0.07	18.0	0.06	12.4	0.1	0.16	6	1.4	0.3
L100E4950N	Soil	74	1.44	88	0.030	2	2.53	0.018	0.07	18.1	0.02	12.8	0.2	0.14	7	1.7	0.3
L100E5000N	Soil	51	1.04	74	0.017	3	2.30	0.013	0.06	6.3	0.09	10.9	0.2	0.24	6	1.5	0.3
L100E5050N	Soil	54	1.12	96	0.075	2	2.39	0.015	0.17	5.3	0.02	7.8	0.1	0.08	7	<0.5	<0.2
L100E5100N	Soil	43	0.53	68	0.025	4	1.94	0.012	0.08	2.3	0.11	5.3	0.1	0.23	5	2.0	<0.2
L100E5150N	Soil	84	1.18	78	0.030	3	2.89	0.021	0.06	7.3	0.07	10.3	0.1	0.14	7	1.1	0.2
L100E5200N	Soil	63	0.84	72	0.023	4	2.30	0.018	0.06	4.0	0.11	7.3	0.1	0.23	6	1.2	<0.2
L100E5250N	Soil	112	1.23	97	0.052	3	2.52	0.017	0.10	6.3	0.09	7.3	0.1	0.19	7	0.8	<0.2
L100E5300N	Soil	42	0.72	62	0.050	3	2.21	0.010	0.08	4.8	0.09	6.3	0.1	0.12	7	0.7	<0.2
L100E5350N	Soil	54	0.79	87	0.043	3	2.19	0.009	0.10	6.6	0.14	5.9	<0.1	0.17	7	<0.5	<0.2
L100E5400N	Soil	65	1.13	86	0.072	2	2.59	0.017	0.14	5.4	0.03	7.7	0.1	0.11	7	<0.5	<0.2
L200E4400N	Soil	44	1.92	107	0.005	2	4.07	0.019	0.06	13.5	0.05	11.3	0.1	0.17	8	0.9	0.4
L200E4450N	Soil	42	1.58	117	0.010	2	3.26	0.013	0.08	11.2	0.02	14.1	<0.1	0.09	7	0.6	0.3
L200E4500N	Soil	44	1.73	122	0.009	2	3.59	0.014	0.08	13.5	0.02	17.4	0.1	0.11	8	0.9	0.3
L200E4550N	Soil	79	1.47	97	0.014	3	2.85	0.020	0.07	17.2	0.02	15.4	0.1	0.15	7	0.8	<0.2
L200E4600N	Soil	26	0.83	67	0.007	3	2.05	0.013	0.05	12.9	0.08	9.5	0.1	0.25	5	1.1	0.2
L200E4650N	Soil	27	0.89	82	0.004	2	2.15	0.008	0.08	11.6	0.03	20.5	0.6	0.18	6	2.2	0.3
L200E4700N	Soil	85	1.38	108	0.022	2	3.04	0.013	0.12	14.5	0.04	15.0	0.2	0.13	8	1.5	0.3
L200E4750N	Soil	27	0.55	60	0.009	5	1.45	0.010	0.03	5.0	0.07	5.8	0.1	0.24	4	1.8	<0.2
L200E4800N	Soil	49	1.09	97	0.028	2	3.21	0.008	0.08	13.5	0.09	8.6	0.2	0.12	7	1.0	0.3
L200E4850N	Soil	64	1.64	88	0.039	2	3.49	0.015	0.10	15.3	<0.01	15.2	0.2	0.08	9	1.1	0.4
L200E4900N	Soil	48	0.79	83	0.021	4	2.08	0.012	0.06	11.1	0.14	6.2	0.2	0.22	5	1.3	<0.2
L200E4950N	Soil	19	0.43	80	0.022	3	1.33	0.008	0.07	8.2	0.07	3.3	0.1	0.23	4	0.9	<0.2
L200E5000N	Soil	53	1.12	110	0.019	2	2.92	0.014	0.06	9.5	0.05	9.8	0.2	0.19	8	1.2	0.3
L200E5050N	Soil	44	1.04	116	0.082	2	2.98	0.014	0.20	5.2	0.02	7.7	0.2	0.07	8	<0.5	<0.2
L200E5100N	Soil	53	1.27	63	0.041	3	2.77	0.020	0.07	9.0	0.05	9.7	0.1	0.13	7	0.5	<0.2
L200E5150N	Soil	15	0.13	47	0.010	3	1.35	0.010	0.03	1.4	0.10	1.7	<0.1	0.28	2	1.0	<0.2
L200E5200N	Soil	44	0.88	89	0.042	2	2.63	0.014	0.09	4.7	0.03	5.5	0.1	0.13	6	0.6	<0.2
L200E5250N	Soil	60	1.32	99	0.081	2	2.84	0.022	0.14	8.3	0.02	9.7	0.1	0.08	8	<0.5	<0.2

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Project: Eikland Mountain
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CERTIFICATE OF ANALYSIS WHI13000253.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
L200E5300N	Soil	10.6	77.2	9.7	57	0.7	16.1	9.5	508	2.41	19.7	6.4	0.8	32	0.3	0.6	2.0	46	0.89	0.106	18
L200E5350N	Soil	13.0	108.0	18.8	72	0.3	30.3	21.7	965	3.76	49.3	6.0	2.5	32	0.4	0.8	2.7	70	1.03	0.076	24
L200E5400N	Soil	9.2	109.1	24.8	79	0.5	35.8	22.0	842	4.24	43.7	9.1	5.9	37	0.3	0.8	3.9	83	1.10	0.066	23
L300E4400N	Soil	36.6	271.7	52.3	81	0.9	18.8	55.6	2839	8.51	247.0	17.3	1.5	63	0.6	2.2	55.2	104	0.62	0.141	10
L300E4450N	Soil	179.4	599.3	129.5	81	0.8	27.1	71.2	2811	12.11	167.1	57.0	2.3	34	0.8	6.1	157.0	100	0.41	0.083	15
L300E4500N	Soil	24.1	166.5	24.3	63	0.7	18.4	22.3	986	4.66	454.5	77.2	1.2	52	0.3	2.7	21.0	70	1.97	0.114	11
L300E4550N	Soil	27.7	151.1	21.4	63	0.4	24.7	27.9	1102	5.71	243.9	53.2	1.9	41	0.3	2.1	25.9	89	1.19	0.067	9
L300E4600N	Soil	42.8	145.8	17.1	62	0.4	20.2	23.4	866	5.62	89.7	7.0	1.6	36	0.3	1.6	21.3	88	1.01	0.079	7
L300E4650N	Soil	10.7	66.6	19.5	52	0.2	20.6	19.7	721	3.64	33.4	3.6	2.5	21	0.3	0.8	6.0	64	0.39	0.089	14
L300E4700N	Soil	27.6	76.8	13.3	55	0.3	17.2	17.3	607	3.94	62.4	5.2	2.1	24	0.2	1.1	8.7	73	0.80	0.069	12
L300E4750N	Soil	23.2	99.5	22.4	58	0.5	23.4	22.4	803	4.16	127.4	8.9	3.9	26	0.6	4.2	11.0	69	0.77	0.076	13
L300E4800N	Soil	31.0	113.4	21.3	67	0.4	27.6	24.8	950	5.08	98.4	9.8	4.7	23	0.2	2.5	12.2	89	0.58	0.048	15
L300E4850N	Soil	18.8	132.9	19.9	71	0.3	31.9	26.8	912	4.51	60.1	6.0	1.9	25	0.4	4.0	9.4	79	0.91	0.086	11
L300E4900N	Soil	43.8	163.1	26.5	78	0.3	33.0	27.1	1023	4.94	108.6	16.1	2.3	26	0.4	4.1	17.0	83	1.08	0.064	11
L300E4950N	Soil	8.5	50.6	13.6	45	0.1	18.2	13.2	373	2.68	20.2	2.9	4.0	17	<0.1	1.0	3.0	60	0.37	0.053	20
L300E5000N	Soil	6.1	34.4	9.8	49	<0.1	17.3	9.3	337	2.39	11.3	2.4	8.6	20	<0.1	0.9	1.4	59	0.50	0.070	25
L300E5050N	Soil	42.3	128.2	19.6	66	0.4	28.4	23.5	843	4.12	85.6	16.0	1.8	33	0.3	5.6	18.4	76	1.22	0.063	13
L300E5100N	Soil	33.7	131.7	20.8	78	0.3	40.0	23.6	707	4.78	73.7	12.2	5.1	29	0.3	1.8	11.8	93	0.82	0.048	15
L300E5150N	Soil	14.3	117.8	13.7	78	0.4	31.4	15.4	892	3.20	24.6	7.9	2.9	45	0.4	1.2	3.1	69	1.57	0.092	39
L300E5200N	Soil	10.6	104.3	13.3	58	0.3	28.8	16.3	640	3.31	34.8	6.9	4.2	36	0.2	1.4	2.7	70	1.18	0.058	26
L300E5250N	Soil	17.6	83.0	14.1	76	0.6	28.7	15.7	2115	3.20	20.8	4.3	2.8	31	0.2	0.5	2.1	72	0.79	0.069	25
L300E5300N	Soil	5.8	135.5	11.9	90	0.5	30.8	13.9	556	2.78	17.5	6.3	2.9	45	0.4	2.7	1.9	62	1.30	0.081	50
L300E5350N	Soil	8.8	141.3	24.1	128	0.9	43.0	15.4	775	3.08	33.7	8.4	2.1	45	0.7	1.4	1.6	64	1.57	0.105	56
L300E5400N	Soil	9.9	84.8	23.2	101	0.3	26.8	22.1	962	3.65	60.6	4.4	4.0	26	1.1	2.0	2.4	80	1.04	0.057	17
L400E4400N	Soil	16.3	45.0	10.6	47	0.2	12.8	9.5	454	2.37	32.0	2.7	1.9	28	0.2	0.8	3.5	58	1.18	0.078	16
L400E4450N	Soil	38.2	227.0	31.9	68	0.6	24.3	37.6	1133	6.88	121.3	11.8	3.0	32	0.3	3.0	19.5	97	0.43	0.065	11
L400E4500N	Soil	19.1	139.0	21.7	60	0.4	20.8	24.2	751	4.68	75.9	9.2	3.4	31	0.2	1.8	14.4	87	0.75	0.059	14
L400E4550N	Soil	16.3	101.9	20.6	59	0.4	20.3	18.1	676	3.85	45.0	8.7	3.8	29	0.1	1.4	9.2	77	0.79	0.064	22
L400E4600N	Soil	24.2	113.0	19.0	67	0.3	21.5	22.3	822	4.64	79.1	11.8	2.3	37	0.3	1.8	17.7	85	1.24	0.073	11
L400E4650N	Soil	38.0	149.8	17.3	80	0.4	26.5	25.3	928	5.18	62.2	8.2	2.0	33	0.3	1.9	16.4	92	1.11	0.065	13

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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000253.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		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
L200E5300N	Soil	35	0.53	103	0.035	2	2.72	0.015	0.14	2.6	0.09	5.3	0.2	0.21	7	0.8	<0.2
L200E5350N	Soil	64	0.98	92	0.049	2	2.84	0.015	0.12	4.5	0.04	8.6	0.2	0.13	8	0.7	0.2
L200E5400N	Soil	68	1.22	123	0.083	2	3.21	0.022	0.18	3.4	0.05	10.0	0.2	0.11	9	0.9	<0.2
L300E4400N	Soil	28	1.36	89	0.012	2	4.22	0.017	0.06	44.4	0.12	17.0	0.2	0.18	9	2.2	0.5
L300E4450N	Soil	31	1.71	157	0.005	1	3.93	0.009	0.06	14.3	0.02	24.5	0.3	0.11	10	2.9	0.9
L300E4500N	Soil	36	1.07	91	0.007	2	2.92	0.013	0.05	3.7	0.04	11.0	0.1	0.20	7	1.4	0.2
L300E4550N	Soil	45	1.44	100	0.011	2	3.18	0.015	0.07	17.0	0.02	14.2	0.1	0.14	7	0.8	<0.2
L300E4600N	Soil	44	1.23	98	0.009	2	2.91	0.012	0.06	10.8	0.03	15.0	0.1	0.12	7	0.8	<0.2
L300E4650N	Soil	39	0.89	81	0.045	2	3.50	0.011	0.11	10.1	0.06	5.9	0.1	0.18	8	0.6	<0.2
L300E4700N	Soil	34	0.86	89	0.033	1	2.36	0.011	0.11	9.4	0.03	6.3	0.1	0.13	8	0.7	<0.2
L300E4750N	Soil	40	0.98	99	0.036	2	2.95	0.016	0.12	11.3	0.04	8.9	0.2	0.13	6	0.6	<0.2
L300E4800N	Soil	54	1.21	115	0.048	1	3.37	0.014	0.12	8.7	0.04	11.8	0.2	0.11	9	<0.5	<0.2
L300E4850N	Soil	54	1.11	70	0.036	3	2.86	0.016	0.09	16.9	0.06	7.2	0.1	0.10	6	1.1	<0.2
L300E4900N	Soil	59	1.28	78	0.034	3	2.27	0.017	0.08	12.0	0.02	9.8	0.1	0.15	6	0.9	0.3
L300E4950N	Soil	32	0.74	95	0.058	2	2.12	0.012	0.16	3.7	0.02	4.6	0.2	0.10	6	<0.5	<0.2
L300E5000N	Soil	31	0.70	115	0.086	1	1.89	0.012	0.21	2.2	0.01	4.8	0.2	0.09	6	<0.5	<0.2
L300E5050N	Soil	48	1.03	82	0.032	3	2.06	0.015	0.09	7.5	0.04	7.7	0.2	0.13	6	1.2	0.2
L300E5100N	Soil	66	1.33	88	0.073	2	2.34	0.021	0.10	8.4	0.01	10.1	0.2	0.09	7	0.8	<0.2
L300E5150N	Soil	48	0.89	146	0.061	3	3.15	0.017	0.27	2.0	0.10	8.4	0.3	0.18	8	0.9	<0.2
L300E5200N	Soil	46	0.79	101	0.062	2	2.28	0.018	0.18	4.0	0.03	7.9	0.2	0.15	6	0.6	<0.2
L300E5250N	Soil	45	0.79	218	0.067	2	3.35	0.017	0.25	1.2	0.04	6.5	0.4	0.14	9	0.6	<0.2
L300E5300N	Soil	42	0.72	127	0.057	2	2.58	0.016	0.23	1.2	0.07	7.3	0.3	0.20	7	1.0	<0.2
L300E5350N	Soil	49	0.79	158	0.052	2	2.84	0.013	0.28	1.1	0.11	8.4	0.3	0.22	8	1.4	<0.2
L300E5400N	Soil	57	0.77	96	0.071	2	2.52	0.011	0.15	4.5	0.06	7.5	0.2	0.14	8	0.7	<0.2
L400E4400N	Soil	27	0.62	85	0.041	1	1.72	0.009	0.10	2.1	0.02	3.6	0.1	0.16	6	0.8	<0.2
L400E4450N	Soil	33	1.18	90	0.028	2	3.30	0.014	0.09	24.2	0.04	11.9	0.1	0.12	8	1.2	0.3
L400E4500N	Soil	32	1.11	101	0.036	1	2.92	0.014	0.12	9.7	0.03	9.5	0.2	0.11	7	1.0	0.3
L400E4550N	Soil	38	0.94	117	0.055	2	2.69	0.016	0.16	6.4	0.03	7.6	0.2	0.14	7	0.6	<0.2
L400E4600N	Soil	37	1.16	107	0.025	2	2.68	0.018	0.11	11.0	0.03	10.2	0.2	0.15	7	0.8	<0.2
L400E4650N	Soil	43	1.18	114	0.020	2	2.81	0.013	0.12	13.0	0.02	12.7	0.2	0.13	7	1.0	<0.2

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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000253.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
L400E4700N	Soil	13.2	103.3	16.3	84	0.4	46.2	16.7	629	3.57	31.3	6.8	4.6	33	0.2	1.2	2.7	83	1.45	0.064	26
L400E4750N	Soil	6.8	25.9	10.1	52	0.1	15.6	9.8	375	2.34	12.5	2.8	4.6	19	<0.1	0.4	1.4	57	0.46	0.058	25
L400E4800N	Soil	14.5	49.9	10.5	46	0.1	17.9	10.9	439	2.47	78.5	8.7	7.3	20	<0.1	1.4	3.3	52	0.47	0.088	24
L400E4850N	Soil	6.1	27.9	8.0	48	<0.1	16.5	9.3	350	2.12	10.4	1.4	7.5	21	<0.1	0.7	1.2	51	0.57	0.068	24
L400E4900N	Soil	7.3	39.1	13.3	62	0.2	28.5	10.7	472	2.52	13.0	2.7	6.1	20	0.2	0.6	1.2	53	0.73	0.038	27
L400E4950N	Soil	11.7	52.2	10.8	81	0.3	27.0	10.1	437	2.46	9.8	4.3	3.4	29	0.2	1.3	1.7	55	0.93	0.063	23
L400E5000N	Soil	12.4	69.3	14.2	63	0.3	27.7	11.3	440	2.58	16.0	4.2	3.8	27	0.2	0.7	2.5	57	0.84	0.052	25
L400E5050N	Soil	17.4	46.0	11.0	59	0.2	19.7	11.3	657	2.57	17.5	6.0	3.9	24	0.2	1.0	2.4	56	0.59	0.053	23
L400E5100N	Soil	26.4	99.2	15.1	56	0.3	24.1	13.2	285	2.42	11.4	8.6	3.8	40	0.6	1.0	8.5	72	0.85	0.063	18
L400E5150N	Soil	23.9	126.6	21.1	85	0.9	28.4	12.6	392	3.54	45.9	12.0	2.9	36	0.3	1.0	5.9	74	1.09	0.081	23
L400E5200N	Soil	12.0	55.7	23.2	79	0.3	18.6	10.1	259	2.13	24.1	5.5	5.2	29	0.3	1.2	4.8	53	0.55	0.068	21
L400E5250N	Soil	13.9	163.9	40.3	95	0.7	32.2	12.2	656	2.79	29.9	11.9	3.7	61	0.7	1.7	7.0	58	1.46	0.079	30
L400E5300N	Soil	8.9	71.2	25.2	76	0.4	42.1	12.9	394	2.73	20.1	3.2	1.9	47	0.2	0.4	3.7	70	1.02	0.072	19
L400E5350N	Soil	9.3	113.1	19.1	92	0.4	29.2	15.4	634	3.17	50.5	8.1	2.0	31	0.5	0.8	2.3	66	0.90	0.068	23
L400E5400N	Soil	19.4	69.3	30.5	81	0.3	23.7	14.1	616	2.95	46.4	6.7	4.1	34	0.3	0.9	6.4	62	0.58	0.061	21
L500E4400N	Soil	12.7	102.6	13.7	54	0.2	18.3	18.1	621	3.94	43.4	9.2	3.0	32	0.1	1.1	2.4	79	0.86	0.051	16
L500E4450N	Soil	11.0	69.4	15.1	52	0.2	14.6	20.1	679	4.08	33.6	4.5	2.0	26	0.2	1.0	1.8	87	0.86	0.061	9
L500E4500N	Soil	12.9	95.5	13.4	60	0.3	19.4	17.6	586	4.11	37.8	9.0	4.0	29	<0.1	1.1	5.6	81	0.71	0.045	16
L500E4550N	Soil	48.8	201.4	46.8	81	0.8	23.4	37.5	1439	6.35	141.4	15.0	1.9	46	0.6	2.1	35.9	84	1.21	0.092	11
L500E4600N	Soil	7.0	33.0	10.1	48	0.1	19.2	8.6	274	2.10	15.2	2.9	6.9	19	<0.1	0.4	1.3	48	0.55	0.056	26
L500E4650N	Soil	34.9	132.2	17.7	71	0.3	19.7	26.6	973	5.41	48.9	9.2	1.9	37	0.2	2.0	20.1	91	0.96	0.060	9
L500E4700N	Soil	41.2	151.3	17.1	67	0.3	22.1	26.6	1036	5.55	67.1	8.1	1.5	36	0.2	1.9	19.5	96	1.05	0.060	8
L500E4750N	Soil	6.5	65.1	13.4	63	0.2	27.6	10.7	273	2.46	13.1	4.0	7.2	26	0.2	0.5	1.5	59	0.73	0.062	32
L500E4800N	Soil	6.8	24.9	9.6	57	<0.1	20.2	10.8	245	2.04	6.6	2.2	7.1	27	0.2	0.3	1.1	55	0.56	0.079	25
L500E4850N	Soil	37.6	101.1	20.8	71	0.2	34.6	20.0	672	4.10	116.5	6.0	4.1	32	0.3	1.7	10.8	82	0.79	0.042	16
L500E4900N	Soil	11.7	46.3	12.0	61	0.2	22.4	10.0	343	2.39	30.7	11.0	5.9	21	0.1	0.6	3.4	53	0.47	0.084	20
L500E4950N	Soil	7.6	81.5	14.6	83	0.2	30.5	8.5	277	2.58	8.2	5.8	10.6	29	0.2	0.5	1.3	54	0.61	0.068	35
L500E5050N	Soil	12.6	33.6	16.5	63	0.2	15.5	7.9	623	2.05	21.9	3.7	3.8	30	0.2	0.4	2.8	42	0.60	0.068	17
L500E5100N	Soil	2.6	56.6	16.9	51	0.2	22.8	13.4	456	2.79	12.4	2.9	1.9	30	0.2	0.4	1.6	70	0.89	0.067	17
L500E5150N	Soil	3.0	110.8	14.7	84	0.3	29.6	13.9	465	3.24	15.8	5.6	2.6	40	0.2	0.7	2.1	71	1.16	0.076	19

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		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
L400E4700N	Soil	61	1.15	154	0.090	2	2.82	0.015	0.26	2.0	0.05	8.0	0.3	0.16	8	0.6	<0.2
L400E4750N	Soil	31	0.66	114	0.072	<1	2.04	0.010	0.19	1.7	0.02	4.5	0.2	0.09	7	<0.5	<0.2
L400E4800N	Soil	30	0.70	81	0.066	<1	1.63	0.011	0.20	3.0	<0.01	5.3	0.2	0.06	5	0.6	<0.2
L400E4850N	Soil	30	0.66	94	0.082	<1	1.68	0.013	0.18	2.5	0.02	4.8	0.2	0.07	6	<0.5	<0.2
L400E4900N	Soil	36	0.68	115	0.082	1	1.90	0.012	0.19	1.2	0.02	4.6	0.2	0.09	6	<0.5	<0.2
L400E4950N	Soil	38	0.70	118	0.064	1	2.21	0.012	0.21	1.6	0.04	5.1	0.2	0.11	6	0.7	<0.2
L400E5000N	Soil	38	0.73	95	0.073	1	1.96	0.014	0.20	2.1	0.03	5.2	0.2	0.12	6	0.6	<0.2
L400E5050N	Soil	35	0.71	98	0.063	1	1.93	0.012	0.16	2.6	0.03	5.3	0.2	0.08	6	<0.5	<0.2
L400E5100N	Soil	50	0.97	112	0.058	2	2.23	0.016	0.13	4.4	0.02	7.7	0.2	0.17	7	0.8	<0.2
L400E5150N	Soil	59	0.95	130	0.056	2	2.67	0.017	0.20	2.5	0.07	8.9	0.3	0.17	7	1.8	<0.2
L400E5200N	Soil	35	0.62	144	0.055	<1	1.65	0.015	0.09	2.4	0.02	5.4	0.2	0.10	5	0.7	<0.2
L400E5250N	Soil	50	0.78	157	0.039	1	2.35	0.018	0.15	1.5	0.08	7.2	0.3	0.21	6	2.1	<0.2
L400E5300N	Soil	86	1.24	100	0.039	1	2.32	0.016	0.10	2.0	0.04	6.7	0.2	0.12	6	1.2	<0.2
L400E5350N	Soil	50	0.83	86	0.044	2	2.28	0.014	0.15	3.6	0.05	7.4	0.2	0.08	7	0.9	<0.2
L400E5400N	Soil	43	0.76	147	0.047	1	1.93	0.018	0.09	3.6	0.03	6.0	0.2	0.11	6	0.8	<0.2
L500E4400N	Soil	37	1.00	107	0.047	1	2.44	0.016	0.12	6.1	0.02	8.0	0.1	0.06	7	0.6	0.3
L500E4450N	Soil	32	0.88	76	0.037	2	3.07	0.012	0.09	6.4	0.04	7.2	0.1	0.09	8	<0.5	0.3
L500E4500N	Soil	36	1.02	127	0.057	1	2.84	0.016	0.16	4.9	0.03	8.9	0.2	0.08	8	<0.5	<0.2
L500E4550N	Soil	40	1.31	93	0.012	2	3.41	0.014	0.08	10.3	0.05	12.8	0.2	0.11	8	1.8	0.4
L500E4600N	Soil	30	0.62	96	0.079	2	1.70	0.012	0.17	1.5	0.01	4.4	0.2	0.07	6	<0.5	<0.2
L500E4650N	Soil	36	1.31	115	0.010	2	2.62	0.015	0.06	15.0	0.01	12.4	0.1	0.11	7	1.1	0.3
L500E4700N	Soil	43	1.29	98	0.011	2	2.76	0.015	0.07	11.8	0.03	14.5	0.1	0.10	7	1.0	<0.2
L500E4750N	Soil	38	0.75	124	0.087	2	2.17	0.013	0.19	1.7	0.03	6.5	0.2	0.11	7	0.6	<0.2
L500E4800N	Soil	32	0.71	139	0.090	2	1.86	0.014	0.16	1.4	0.01	4.7	0.2	0.18	6	<0.5	<0.2
L500E4850N	Soil	66	1.22	95	0.063	2	2.26	0.014	0.11	9.6	0.02	7.9	0.1	0.11	7	0.8	<0.2
L500E4900N	Soil	37	0.75	102	0.062	2	1.96	0.012	0.14	5.1	0.02	5.6	0.2	0.07	6	<0.5	<0.2
L500E4950N	Soil	45	0.79	125	0.111	2	2.38	0.014	0.27	1.1	0.04	7.4	0.3	0.07	7	0.7	<0.2
L500E5050N	Soil	29	0.54	113	0.046	1	1.41	0.013	0.07	2.6	0.02	4.3	0.1	0.11	4	0.6	<0.2
L500E5100N	Soil	48	0.78	117	0.055	2	2.44	0.014	0.11	1.1	0.04	5.0	0.2	0.12	7	0.5	<0.2
L500E5150N	Soil	56	0.92	133	0.063	2	2.67	0.016	0.16	2.1	0.06	7.0	0.2	0.14	7	1.3	<0.2

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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000253.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
L500E5200N	Soil	2.2	79.6	16.1	70	0.3	41.7	38.0	537	3.36	29.6	4.9	3.7	47	0.3	0.5	1.5	80	1.06	0.064	18
L500E5250N	Soil	2.0	46.2	12.0	57	0.1	20.4	13.2	324	2.63	6.2	2.3	8.4	41	0.2	0.5	1.9	65	0.65	0.080	24
L500E5300N	Soil	2.3	92.9	18.4	219	0.2	120.7	26.2	1202	4.50	81.8	3.2	6.8	39	3.5	2.0	2.5	88	0.84	0.068	20
L500E5350N	Soil	3.7	101.5	14.2	66	0.3	39.4	22.4	1031	3.35	15.5	3.5	3.9	37	0.7	0.5	1.6	76	1.10	0.057	17
L500E5400N	Soil	3.5	39.7	18.4	64	0.2	21.6	13.1	424	2.57	17.4	1.7	2.9	33	0.4	0.4	1.1	65	1.36	0.051	12
L600E4400N	Soil	30.7	163.1	34.6	97	0.8	20.0	21.2	900	4.45	84.0	16.1	3.6	33	0.9	1.8	16.0	73	0.97	0.074	22
L600E4450N	Soil	17.8	81.8	11.5	98	0.4	22.8	11.3	486	2.89	22.1	7.4	6.8	25	0.2	0.6	1.2	56	0.70	0.066	26
L600E4500N	Soil	18.4	60.9	13.0	82	0.2	25.5	12.5	468	3.08	38.6	4.1	3.1	38	0.3	0.8	1.9	64	1.01	0.061	16
L600E4550N	Soil	14.9	117.6	24.1	108	0.7	66.9	16.7	607	3.63	77.8	8.6	8.1	29	0.4	1.2	4.1	93	1.22	0.071	37
L600E4600N	Soil	7.2	39.3	9.1	54	<0.1	84.0	17.1	287	2.47	13.8	1.7	7.2	24	0.1	0.3	0.7	65	0.73	0.052	19
L600E4650N	Soil	40.4	144.1	30.8	78	0.5	35.4	28.3	1616	4.92	79.0	10.0	3.6	45	0.4	1.5	19.0	71	1.16	0.092	23
L600E4750N	Soil	3.0	148.6	11.2	55	0.2	36.5	12.4	460	2.88	10.3	2.8	5.6	23	0.2	0.3	1.6	61	0.67	0.033	21
L600E4800N	Soil	1.0	23.2	7.8	47	<0.1	25.8	10.5	335	2.36	5.8	0.9	7.9	23	0.2	0.2	1.3	56	0.58	0.075	22
L600E4850N	Soil	2.3	78.0	12.6	56	0.2	32.7	13.9	710	3.19	10.5	1.8	4.2	26	0.2	0.4	1.9	67	0.83	0.053	22
L600E4900N	Soil	3.2	119.6	15.7	70	0.4	33.5	19.5	700	5.59	100.9	8.9	3.5	35	0.3	0.8	2.0	108	1.47	0.084	18
L600E4950N	Soil	0.9	52.4	11.7	57	<0.1	23.0	14.3	454	2.93	13.1	2.8	4.4	26	0.1	0.5	1.6	70	0.76	0.028	15
L600E5000N	Soil	2.5	25.7	10.8	59	<0.1	24.6	10.1	330	2.99	7.0	1.5	3.2	24	0.2	0.3	1.7	72	0.53	0.043	13
L600E5050N	Soil	1.3	35.3	9.0	39	0.1	15.8	9.2	315	2.55	7.0	1.9	2.1	23	0.1	0.4	1.0	61	0.94	0.050	10
L600E5100N	Soil	1.4	35.0	12.4	47	<0.1	17.3	12.5	481	2.68	7.9	1.7	3.8	26	0.1	0.4	1.4	65	0.85	0.042	15
L600E5150N	Soil	3.4	66.0	21.7	111	0.2	29.2	15.0	690	3.37	30.8	2.6	4.3	26	0.5	0.5	1.4	81	0.60	0.052	14
L600E5200N	Soil	1.9	34.5	18.5	60	<0.1	20.0	13.5	464	3.06	38.4	2.7	3.3	20	0.2	0.5	1.5	69	0.46	0.060	13
L600E5250N	Soil	11.7	93.6	57.0	342	1.7	62.3	49.1	4376	12.46	205.6	44.9	2.1	31	6.6	11.3	0.9	122	1.48	0.110	14
L600E5300N	Soil	3.1	28.0	14.7	45	0.3	17.8	9.2	239	2.74	19.4	2.3	4.1	23	0.3	0.5	1.4	54	0.57	0.026	12
L600E5350N	Soil	3.0	127.0	36.5	97	0.4	34.7	23.4	1130	3.77	38.5	9.4	3.2	31	0.6	0.7	2.4	88	0.88	0.065	23
L600E5400N	Soil	2.7	45.1	37.5	83	0.4	26.6	15.9	430	4.34	26.0	5.6	5.1	23	0.6	0.6	1.5	92	0.22	0.039	13
L700E4400N	Soil	43.7	362.0	25.5	456	1.2	35.4	14.4	561	4.04	120.9	19.7	3.5	90	3.2	1.9	4.1	65	1.60	0.129	31
L700E4450N	Soil	76.5	168.5	20.7	152	0.7	27.6	16.0	910	3.70	34.6	15.7	5.9	81	1.4	1.5	2.7	72	1.17	0.089	29
L700E4500N	Soil	25.0	74.8	37.0	83	0.4	19.0	12.9	662	2.80	50.4	6.5	7.0	41	0.1	1.1	4.8	54	0.52	0.058	29
L700E4550N	Soil	11.6	53.3	40.0	140	0.4	23.4	13.0	757	2.72	34.8	9.1	5.2	54	1.2	0.8	12.1	48	0.80	0.076	21
L700E4600N	Soil	4.3	87.7	12.1	125	0.3	70.1	19.9	954	3.08	11.1	2.8	6.5	29	0.5	0.8	4.0	63	0.68	0.065	21

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Project: Eikland Mountain
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CERTIFICATE OF ANALYSIS WHI13000253.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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
L500E5200N	Soil	73	1.06	110	0.063	2	2.47	0.017	0.09	0.8	0.05	10.2	0.2	0.14	7	1.0	<0.2
L500E5250N	Soil	37	0.82	148	0.092	1	1.90	0.021	0.15	1.8	<0.01	6.9	0.2	0.05	6	<0.5	<0.2
L500E5300N	Soil	173	1.62	151	0.080	1	2.61	0.019	0.21	1.4	0.03	12.4	0.2	<0.05	7	<0.5	<0.2
L500E5350N	Soil	51	0.97	121	0.098	3	2.61	0.017	0.19	1.3	0.03	8.1	0.2	0.09	8	<0.5	<0.2
L500E5400N	Soil	46	0.68	97	0.073	2	1.56	0.012	0.10	2.0	0.04	5.4	0.1	0.10	6	<0.5	<0.2
L600E4400N	Soil	37	0.97	108	0.047	1	2.73	0.014	0.15	3.3	0.04	9.3	0.2	0.14	7	1.1	0.2
L600E4450N	Soil	38	0.81	124	0.090	2	2.50	0.015	0.25	1.2	0.03	8.0	0.2	0.12	7	<0.5	<0.2
L600E4500N	Soil	43	0.86	109	0.069	1	2.15	0.010	0.15	2.2	0.02	5.4	0.2	0.11	7	<0.5	<0.2
L600E4550N	Soil	107	1.56	121	0.165	2	2.41	0.015	0.25	1.5	0.03	9.0	0.3	0.08	9	0.9	<0.2
L600E4600N	Soil	371	1.70	256	0.130	<1	2.50	0.060	0.15	0.5	<0.01	4.6	0.2	0.05	7	<0.5	<0.2
L600E4650N	Soil	42	1.08	158	0.051	2	3.16	0.017	0.19	3.8	0.04	10.1	0.3	0.15	8	1.3	<0.2
L600E4750N	Soil	89	0.96	104	0.084	1	2.34	0.019	0.13	1.2	0.02	6.3	0.2	0.12	7	0.6	<0.2
L600E4800N	Soil	55	0.86	115	0.088	<1	1.68	0.017	0.12	1.5	<0.01	5.6	<0.1	0.05	5	<0.5	<0.2
L600E4850N	Soil	51	0.87	154	0.074	2	2.51	0.016	0.15	1.1	0.02	6.3	0.3	0.12	7	<0.5	<0.2
L600E4900N	Soil	44	0.98	131	0.067	2	2.59	0.019	0.13	0.9	0.06	9.0	0.2	0.18	7	1.0	<0.2
L600E4950N	Soil	42	0.84	96	0.086	1	2.13	0.015	0.12	0.8	0.02	7.3	0.1	0.09	6	<0.5	<0.2
L600E5000N	Soil	38	0.70	106	0.103	1	1.98	0.013	0.11	1.0	0.01	5.2	0.2	0.07	9	<0.5	<0.2
L600E5050N	Soil	36	0.67	89	0.057	2	1.82	0.012	0.08	0.7	0.04	5.4	0.1	0.12	6	<0.5	<0.2
L600E5100N	Soil	35	0.77	107	0.076	2	1.90	0.016	0.08	0.7	0.02	5.9	0.1	0.09	5	<0.5	<0.2
L600E5150N	Soil	56	0.87	110	0.083	1	2.50	0.015	0.09	0.7	0.03	7.4	0.2	0.08	8	<0.5	<0.2
L600E5200N	Soil	40	0.81	92	0.070	1	2.37	0.014	0.10	0.7	0.02	6.3	0.1	0.07	6	<0.5	<0.2
L600E5250N	Soil	47	0.89	124	0.008	2	2.15	0.006	0.12	2.4	0.12	28.9	0.6	0.18	6	1.3	<0.2
L600E5300N	Soil	40	0.58	62	0.071	2	1.75	0.015	0.07	1.4	0.04	4.6	0.1	0.08	6	<0.5	<0.2
L600E5350N	Soil	74	1.13	125	0.065	1	2.92	0.018	0.09	1.4	0.04	11.0	0.2	0.08	8	<0.5	<0.2
L600E5400N	Soil	55	1.04	117	0.104	3	2.95	0.013	0.09	1.4	0.06	7.0	<0.1	<0.05	9	<0.5	<0.2
L700E4400N	Soil	40	0.97	177	0.072	3	3.20	0.015	0.24	3.2	0.11	10.1	0.3	0.12	10	1.8	<0.2
L700E4450N	Soil	39	1.04	162	0.090	2	2.84	0.016	0.22	3.8	0.06	10.5	0.2	0.09	8	1.8	<0.2
L700E4500N	Soil	37	0.70	187	0.068	2	1.98	0.018	0.10	2.8	0.04	6.2	0.2	<0.05	6	1.3	<0.2
L700E4550N	Soil	42	0.68	198	0.046	2	1.84	0.022	0.08	6.3	0.04	5.7	0.1	0.07	5	1.6	<0.2
L700E4600N	Soil	129	1.44	239	0.104	1	2.43	0.020	0.22	1.4	0.03	8.5	0.3	<0.05	6	0.6	<0.2

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Project: Eikland Mountain
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CERTIFICATE OF ANALYSIS WHI13000253.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
L700E4650N	Soil	1.1	79.3	18.2	57	0.1	44.4	14.7	587	2.84	15.6	15.7	6.3	23	0.2	0.8	3.4	56	0.63	0.026	22
L700E4700N	Soil	1.1	60.1	8.5	120	0.1	125.8	26.1	523	4.00	15.3	3.8	4.6	46	0.2	0.9	0.7	121	1.01	0.050	10
L700E4750N	Soil	0.8	91.0	10.1	52	0.2	20.9	9.3	377	2.45	28.0	5.3	2.1	37	0.2	0.5	1.3	52	1.11	0.073	16
L700E4800N	Soil	2.1	76.5	15.7	63	0.1	32.1	15.8	524	3.38	14.7	1.8	5.8	37	0.1	1.0	2.6	74	0.79	0.034	17
L700E4850N	Soil	2.3	43.1	14.6	55	0.2	18.6	11.1	413	2.86	18.5	1.3	2.4	26	0.7	0.6	1.9	80	0.35	0.061	10
L700E4900N	Soil	1.8	90.9	15.7	69	0.2	30.7	19.1	650	4.02	15.2	4.7	4.6	82	0.1	0.7	4.0	82	0.92	0.047	14
L700E4950N	Soil	1.6	150.7	21.5	84	0.1	57.7	48.8	1054	5.47	30.4	3.5	3.3	310	0.6	0.9	2.2	109	0.81	0.072	11
L700E5000N	Soil	1.4	62.3	28.1	56	0.3	20.3	18.6	775	3.33	75.8	9.6	1.4	49	1.9	0.6	1.1	87	1.04	0.100	8
L700E5100N	Soil	1.6	41.8	129.4	107	0.7	25.8	19.8	859	3.55	123.2	59.7	1.8	26	2.2	1.6	0.3	100	0.31	0.055	6
L700E5150N	Soil	0.8	67.7	53.1	139	0.3	32.3	26.4	1178	3.48	74.8	16.9	2.0	54	1.9	0.8	0.3	78	0.99	0.084	9
L700E5200N	Soil	1.0	42.9	30.2	61	0.1	21.8	10.4	337	2.97	47.7	6.6	0.2	27	0.3	0.9	0.5	72	0.24	0.077	9
L700E5250N	Soil	1.3	95.1	22.1	55	0.3	17.4	15.3	999	4.23	30.7	22.7	1.3	26	0.5	0.8	0.3	120	0.21	0.065	5
L700E5300N	Soil	2.1	83.0	10.6	73	0.1	30.2	25.9	1156	5.11	18.3	1.8	2.0	41	0.2	1.1	0.2	125	0.40	0.054	7
L700E5350N	Soil	1.3	84.3	12.9	76	<0.1	38.7	21.8	665	5.63	20.7	1.7	3.1	29	0.2	1.2	0.2	122	0.35	0.051	8
L700E5400N	Soil	1.6	41.2	19.4	54	0.1	17.1	10.3	377	3.88	45.5	3.3	0.7	25	0.4	0.8	0.8	109	0.31	0.071	6
L800E4400N	Soil	17.0	63.5	45.7	110	0.5	23.3	11.7	567	2.97	34.5	4.8	5.9	55	0.5	0.8	8.6	60	0.76	0.069	25
L800E4450N	Soil	2.2	55.2	13.8	62	0.1	21.4	11.3	480	2.67	13.3	1.4	7.9	47	0.2	0.7	5.8	55	0.82	0.048	23
L800E4500N	Soil	3.1	189.5	15.7	112	0.4	51.7	10.5	414	2.75	9.3	8.2	4.6	65	0.8	0.9	3.9	53	1.23	0.095	23
L800E4550N	Soil	2.3	169.8	14.0	86	0.3	52.7	15.7	544	3.21	11.4	3.7	5.4	39	0.7	0.9	6.3	69	0.98	0.038	22
L800E4600N	Soil	3.0	63.4	13.3	89	0.3	38.6	14.2	687	2.95	8.2	2.5	2.4	38	0.6	0.9	1.9	65	0.93	0.060	22
L800E4650N	Soil	3.6	61.6	21.2	131	0.1	84.9	24.3	843	4.01	19.4	3.1	6.2	18	0.8	1.5	4.9	73	0.27	0.052	17
L800E4700N	Soil	1.9	226.5	25.0	80	0.3	34.3	19.3	828	3.04	164.9	13.2	1.9	53	0.5	1.2	4.1	60	1.44	0.088	19
L800E4750N	Soil	2.0	257.5	20.8	69	0.6	30.6	26.1	901	3.37	282.0	15.2	1.0	66	0.3	1.6	3.0	72	1.77	0.120	15
L800E4800N	Soil	2.7	31.7	17.5	54	0.2	19.8	10.1	301	3.03	34.6	2.1	1.9	19	0.6	0.7	2.6	85	0.33	0.052	8
L800E4850N	Soil	2.5	105.3	74.4	110	0.2	51.7	48.1	1249	5.98	111.1	14.2	5.6	63	0.4	1.3	3.2	119	0.60	0.045	13
L800E4900N	Soil	1.4	49.7	53.8	144	0.2	26.8	22.4	858	5.27	129.3	6.2	3.4	24	0.6	1.2	0.6	135	0.42	0.052	11
L800E4950N	Soil	0.9	93.9	127.1	190	0.3	39.6	27.0	1946	4.39	214.9	26.1	1.2	41	2.1	1.8	0.4	96	1.01	0.140	11
L800E5000N	Soil	0.6	97.4	91.6	168	0.5	37.5	20.4	1106	3.36	320.2	26.7	1.2	54	1.2	2.0	0.3	86	2.51	0.081	9
L800E5050N	Soil	1.1	103.6	220.1	247	0.9	66.6	31.2	1633	4.85	254.7	652.6	4.3	40	2.8	2.5	0.4	106	1.05	0.047	21
L800E5100N	Soil	1.1	76.3	138.8	91	0.5	26.5	23.8	971	3.38	104.4	24.8	0.9	56	0.5	1.0	0.2	78	1.64	0.096	11

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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000253.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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
L700E4650N	Soil	75	1.05	105	0.093	1	2.09	0.017	0.15	1.5	<0.01	5.4	0.2	<0.05	6	<0.5	<0.2
L700E4700N	Soil	452	3.09	261	0.209	2	3.47	0.058	0.31	0.3	0.02	7.6	0.2	<0.05	11	<0.5	<0.2
L700E4750N	Soil	30	0.69	108	0.056	2	2.09	0.018	0.09	0.6	0.03	5.7	0.1	0.07	6	0.5	<0.2
L700E4800N	Soil	46	0.99	126	0.095	1	2.47	0.018	0.12	1.1	0.03	7.4	0.1	<0.05	7	<0.5	<0.2
L700E4850N	Soil	36	0.53	97	0.072	2	1.53	0.010	0.09	1.1	0.10	4.7	0.1	0.06	7	<0.5	<0.2
L700E4900N	Soil	46	1.02	157	0.096	1	2.55	0.016	0.10	1.1	0.03	8.2	0.2	<0.05	7	<0.5	<0.2
L700E4950N	Soil	51	1.10	188	0.097	1	3.30	0.014	0.16	1.1	0.03	10.6	<0.1	<0.05	8	0.8	<0.2
L700E5000N	Soil	43	0.71	140	0.069	3	1.93	0.011	0.12	0.6	0.15	5.7	<0.1	0.11	6	<0.5	<0.2
L700E5100N	Soil	89	1.10	120	0.094	2	1.95	0.008	0.09	0.3	0.10	6.5	<0.1	<0.05	7	<0.5	<0.2
L700E5150N	Soil	47	1.15	165	0.101	3	2.19	0.011	0.22	0.3	0.08	6.3	0.1	0.08	6	<0.5	<0.2
L700E5200N	Soil	47	0.82	105	0.042	2	2.39	0.015	0.06	0.3	0.03	2.6	<0.1	0.07	7	0.5	<0.2
L700E5250N	Soil	55	0.73	99	0.062	<1	1.98	0.007	0.06	0.8	0.11	6.1	0.1	<0.05	8	<0.5	<0.2
L700E5300N	Soil	91	1.29	155	0.030	1	3.11	0.009	0.05	0.3	0.06	11.0	0.1	<0.05	8	<0.5	<0.2
L700E5350N	Soil	104	1.76	102	0.028	2	3.61	0.007	0.10	0.4	0.03	11.3	<0.1	<0.05	8	<0.5	<0.2
L700E5400N	Soil	49	0.71	97	0.056	1	2.05	0.009	0.07	0.9	0.10	4.6	<0.1	0.07	7	<0.5	<0.2
L800E4400N	Soil	48	0.76	224	0.048	<1	2.27	0.022	0.08	2.4	0.03	6.3	0.2	0.06	6	1.3	<0.2
L800E4450N	Soil	36	0.79	203	0.097	<1	2.00	0.019	0.16	2.4	0.03	5.7	0.2	<0.05	6	1.0	<0.2
L800E4500N	Soil	36	0.77	132	0.067	1	2.14	0.015	0.16	1.8	0.05	7.5	0.2	0.07	6	1.1	<0.2
L800E4550N	Soil	123	1.24	264	0.095	1	2.42	0.018	0.15	2.4	0.03	8.0	0.2	<0.05	6	0.6	0.5
L800E4600N	Soil	87	1.01	155	0.066	1	2.36	0.016	0.09	0.8	0.03	5.6	0.2	0.05	7	1.0	<0.2
L800E4650N	Soil	127	1.24	135	0.083	1	2.32	0.013	0.09	1.6	0.03	6.6	0.1	<0.05	7	<0.5	<0.2
L800E4700N	Soil	46	0.67	118	0.046	1	2.06	0.013	0.08	1.3	0.07	7.4	0.1	0.10	6	0.9	<0.2
L800E4750N	Soil	55	0.80	115	0.037	2	2.14	0.017	0.07	1.4	0.10	7.3	0.1	0.11	7	1.3	<0.2
L800E4800N	Soil	47	0.62	76	0.091	1	1.75	0.012	0.06	1.6	0.05	4.6	<0.1	<0.05	7	<0.5	<0.2
L800E4850N	Soil	69	1.26	132	0.105	1	3.22	0.014	0.08	1.1	0.05	12.7	0.1	<0.05	8	<0.5	<0.2
L800E4900N	Soil	59	1.03	159	0.104	2	2.67	0.010	0.11	0.5	0.04	7.6	<0.1	<0.05	9	<0.5	<0.2
L800E4950N	Soil	93	1.35	179	0.035	1	2.48	0.011	0.17	0.2	0.11	8.2	<0.1	0.11	7	<0.5	<0.2
L800E5000N	Soil	98	1.18	159	0.057	3	1.97	0.014	0.07	0.2	0.09	7.3	<0.1	0.11	6	<0.5	<0.2
L800E5050N	Soil	117	2.06	166	0.077	2	2.85	0.012	0.14	0.2	0.03	12.5	0.1	0.06	8	<0.5	<0.2
L800E5100N	Soil	92	1.01	156	0.052	1	2.36	0.011	0.07	0.3	0.13	5.7	<0.1	0.12	6	<0.5	<0.2

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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000253.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
L800E5150N	Soil	1.3	97.5	274.0	239	0.6	50.0	29.3	999	4.73	234.8	72.9	1.9	62	1.3	1.3	0.3	100	0.98	0.088	12
L800E5200N	Soil	1.7	77.9	56.4	109	0.2	29.5	29.5	1543	4.58	71.6	30.9	0.9	34	0.6	0.9	0.5	98	0.37	0.095	9
L800E5250N	Soil	1.4	141.5	13.9	89	0.1	33.7	27.9	1532	5.14	52.7	3.4	1.0	34	0.4	0.8	0.4	96	0.86	0.114	12
L800E5300N	Soil	1.8	97.5	7.1	69	0.2	21.1	35.3	1497	4.93	16.0	5.1	1.7	90	0.2	1.0	0.2	110	1.32	0.062	12
L800E5350N	Soil	2.2	687.8	16.2	40	1.5	10.0	10.7	516	21.72	37.7	24.8	3.9	25	<0.1	0.9	0.3	74	0.16	0.240	6
L800E5400N	Soil	1.0	109.9	11.7	65	<0.1	23.6	20.5	651	4.57	23.7	3.8	2.3	39	0.2	0.6	0.3	74	0.53	0.050	12
L900E4400N	Soil	2.7	193.9	9.5	119	0.3	36.1	10.1	486	2.20	7.0	3.2	1.0	79	0.6	1.2	1.9	51	2.12	0.085	15
L900E4450N	Soil	1.8	36.8	7.6	33	0.3	13.1	5.9	190	1.70	4.9	1.0	2.1	33	0.2	0.5	1.0	47	0.69	0.062	17
L900E4500N	Soil	2.7	144.8	7.6	54	0.4	26.5	9.1	870	1.61	5.8	2.5	0.6	59	1.4	0.6	0.8	43	2.18	0.118	15
L900E4550N	Soil	2.3	162.4	18.7	82	0.5	31.2	12.1	779	2.51	18.7	5.6	1.3	38	1.4	0.9	3.4	53	1.15	0.081	22
L900E4600N	Soil	1.8	33.5	10.5	53	0.1	27.5	11.1	310	2.53	53.3	2.4	2.9	23	0.4	0.6	1.5	66	0.38	0.033	10
L900E4650N	Soil	1.1	61.1	22.9	66	0.2	56.0	20.2	553	4.80	63.0	6.2	3.3	17	0.3	0.6	1.2	112	0.28	0.036	9
L900E4700N	Soil	1.0	34.4	22.3	102	0.3	35.1	13.3	473	3.90	141.2	9.3	1.8	30	0.3	0.5	1.1	116	0.47	0.051	8
L900E4750N	Soil	1.3	38.3	15.6	64	0.1	26.9	12.5	328	3.30	40.3	3.7	2.6	25	0.4	0.5	1.1	66	0.30	0.052	11
L900E4800N	Soil	0.8	71.1	35.7	81	0.4	23.7	21.4	1347	3.96	198.7	173.1	1.5	37	0.6	0.9	0.6	79	0.91	0.087	10
L900E4850N	Soil	0.8	94.9	28.3	82	0.6	22.8	15.4	873	3.49	155.2	24.9	1.2	38	0.6	0.9	0.5	74	1.68	0.072	12
L900E4900N	Soil	0.9	56.0	104.8	111	0.3	33.1	22.4	1164	4.41	293.7	55.4	2.3	27	0.6	1.7	1.2	90	0.59	0.052	11
L900E4950N	Soil	1.1	108.7	188.9	198	0.6	99.5	36.4	1900	5.35	625.8	75.9	2.0	48	1.7	2.7	0.3	99	1.03	0.078	11
L900E5000N	Soil	1.4	44.1	56.7	87	0.3	19.0	14.2	674	3.55	150.1	36.5	0.9	32	0.9	0.9	0.3	92	0.73	0.070	8
L900E5050N	Soil	1.1	127.2	45.4	72	0.2	22.9	30.9	1742	3.91	166.8	48.8	3.0	38	0.4	1.1	0.3	75	0.80	0.049	18
L900E5100N	Soil	0.9	69.4	568.7	152	1.3	28.1	33.8	2130	4.54	127.2	678.1	1.7	23	1.6	2.4	0.3	75	0.64	0.062	15
L900E5150N	Soil	1.1	64.4	55.1	169	0.3	18.4	33.9	1984	3.81	163.5	15.0	0.3	31	1.6	1.4	0.2	73	1.13	0.164	8
L900E5200N	Soil	1.9	89.8	19.8	67	0.2	20.6	19.6	791	3.43	37.4	12.4	0.5	26	0.2	0.6	0.4	100	0.40	0.091	9
L900E5250N	Soil	0.8	74.0	10.8	58	0.2	12.6	19.6	1377	4.23	91.1	4.3	1.9	37	<0.1	0.6	0.1	83	1.23	0.077	13
L900E5300N	Soil	1.1	145.0	13.4	69	0.1	41.7	50.7	1120	4.51	24.0	3.6	4.6	214	<0.1	1.0	0.3	107	0.81	0.041	16
L900E5350N	Soil	1.1	65.3	8.8	48	0.1	21.4	22.1	602	3.70	14.6	4.5	1.2	80	0.2	0.7	0.3	87	0.59	0.058	11
L900E5400N	Soil	1.1	65.3	14.2	43	0.1	31.9	18.1	697	3.09	27.4	8.2	1.8	83	0.1	0.8	0.8	62	0.30	0.052	15
L1000E4400N	Soil	6.0	226.8	12.0	138	0.8	62.7	11.9	1432	2.30	16.6	11.2	1.3	69	1.2	1.6	2.1	47	2.08	0.168	75
L1000E4450N	Soil	3.8	73.4	11.5	88	0.3	28.9	9.7	351	2.49	14.5	1.9	1.3	24	0.5	0.7	2.3	66	0.44	0.052	13
L1000E4500N	Soil	0.9	27.4	12.5	33	0.5	13.4	6.7	453	2.61	10.9	0.9	0.5	16	0.4	0.4	0.4	84	0.20	0.094	4

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		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
L800E5150N	Soil	147	2.02	143	0.065	3	3.32	0.015	0.07	0.3	0.04	10.2	<0.1	0.13	8	<0.5	<0.2
L800E5200N	Soil	72	1.30	117	0.051	2	2.97	0.009	0.07	0.6	0.05	7.7	<0.1	0.13	7	0.7	<0.2
L800E5250N	Soil	102	1.38	97	0.008	2	2.78	0.008	0.04	0.7	0.03	11.0	0.1	0.14	7	0.8	<0.2
L800E5300N	Soil	44	1.27	281	0.008	2	2.91	0.006	0.11	0.1	0.03	16.0	<0.1	0.12	7	<0.5	<0.2
L800E5350N	Soil	24	0.37	96	0.087	2	0.85	0.024	0.15	0.6	0.05	4.0	0.1	1.48	5	23.1	1.4
L800E5400N	Soil	51	0.88	115	0.042	3	2.06	0.007	0.08	1.1	0.04	4.9	<0.1	0.10	6	<0.5	<0.2
L900E4400N	Soil	37	0.57	105	0.036	3	1.83	0.013	0.07	0.6	0.07	4.4	0.1	0.19	5	2.1	<0.2
L900E4450N	Soil	25	0.40	71	0.044	<1	1.29	0.012	0.05	0.8	0.04	3.3	<0.1	0.15	4	0.7	<0.2
L900E4500N	Soil	26	0.39	101	0.024	2	1.57	0.015	0.06	0.7	0.09	2.9	0.1	0.23	4	2.4	<0.2
L900E4550N	Soil	39	0.63	80	0.034	1	2.01	0.013	0.07	1.0	0.06	6.2	0.1	0.13	5	0.9	<0.2
L900E4600N	Soil	52	0.72	76	0.086	1	1.70	0.013	0.07	1.1	0.04	4.9	<0.1	0.11	6	<0.5	<0.2
L900E4650N	Soil	123	1.29	90	0.178	1	3.39	0.014	0.08	1.4	0.06	6.7	0.2	0.08	9	<0.5	<0.2
L900E4700N	Soil	90	0.93	123	0.124	2	2.13	0.011	0.10	1.5	0.04	5.7	0.1	0.10	9	0.5	<0.2
L900E4750N	Soil	55	0.71	118	0.080	2	2.62	0.011	0.07	1.7	0.07	5.3	0.1	0.11	6	0.6	<0.2
L900E4800N	Soil	49	1.03	141	0.017	1	2.61	0.007	0.08	0.3	0.05	8.6	0.1	0.14	7	<0.5	<0.2
L900E4850N	Soil	40	0.89	122	0.018	2	2.21	0.011	0.07	0.3	0.06	8.2	<0.1	0.15	5	0.7	<0.2
L900E4900N	Soil	60	1.08	139	0.028	1	2.44	0.009	0.11	0.4	0.03	9.1	0.1	0.10	7	<0.5	<0.2
L900E4950N	Soil	248	1.82	248	0.045	2	3.07	0.009	0.18	0.2	0.05	10.7	0.1	0.09	8	0.7	<0.2
L900E5000N	Soil	57	0.84	139	0.050	2	1.90	0.007	0.08	0.3	0.05	5.5	0.1	0.17	7	<0.5	<0.2
L900E5050N	Soil	38	0.91	116	0.050	2	2.21	0.020	0.08	0.3	0.08	8.4	0.1	0.13	6	<0.5	<0.2
L900E5100N	Soil	48	1.00	137	0.033	3	2.14	0.011	0.08	0.3	0.09	10.3	0.1	0.13	6	<0.5	<0.2
L900E5150N	Soil	45	1.02	135	0.018	3	2.49	0.009	0.05	0.2	0.06	4.8	0.1	0.20	5	<0.5	<0.2
L900E5200N	Soil	42	0.78	102	0.042	2	2.21	0.006	0.07	0.5	0.09	6.3	<0.1	0.15	6	<0.5	<0.2
L900E5250N	Soil	44	1.02	88	0.007	1	2.50	0.006	0.04	0.2	0.05	11.0	<0.1	0.15	6	0.8	<0.2
L900E5300N	Soil	78	1.54	833	0.062	1	3.46	0.010	0.09	0.4	0.02	10.2	0.1	0.07	8	<0.5	<0.2
L900E5350N	Soil	59	0.87	156	0.049	2	1.98	0.007	0.08	0.3	0.04	5.0	<0.1	0.12	6	<0.5	<0.2
L900E5400N	Soil	94	0.76	144	0.026	<1	1.87	0.006	0.05	0.2	0.04	3.4	<0.1	0.13	5	<0.5	<0.2
L1000E4400N	Soil	40	0.47	97	0.021	4	2.78	0.015	0.07	0.9	0.12	6.4	0.2	0.23	4	3.1	<0.2
L1000E4450N	Soil	48	0.57	112	0.051	1	1.70	0.011	0.06	1.1	0.05	4.6	0.1	0.10	6	0.6	<0.2
L1000E4500N	Soil	34	0.30	82	0.061	1	1.43	0.009	0.06	1.0	0.13	2.8	<0.1	0.15	5	0.5	<0.2

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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000253.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
L1000E4550N	Soil	2.1	31.6	21.7	73	0.2	23.7	26.1	1376	4.75	40.7	2.6	2.1	26	0.5	0.8	0.8	141	0.33	0.058	8
L1000E4600N	Soil	1.2	38.5	34.5	63	0.2	28.1	14.6	605	3.85	113.6	17.2	1.2	26	0.3	0.8	1.2	85	0.21	0.098	10
L1000E4650N	Soil	1.4	30.4	33.0	70	0.5	30.6	13.6	434	4.04	231.1	19.1	2.1	28	0.4	1.0	1.1	102	0.24	0.069	7
L1000E4700N	Soil	0.9	36.3	20.4	55	0.1	34.4	16.7	538	3.07	64.2	162.2	2.2	27	0.3	0.8	1.0	59	0.28	0.055	13
L1000E4750N	Soil	1.5	81.0	83.1	144	0.6	33.6	25.4	880	5.67	188.0	131.5	1.4	55	0.9	1.3	1.2	109	0.46	0.060	7
L1000E4800N	Soil	1.2	159.1	220.9	183	1.1	54.0	47.0	1864	6.43	412.4	349.0	2.8	78	1.1	1.9	1.3	135	1.02	0.057	14
L1000E4850N	Soil	0.6	137.7	103.0	134	0.6	22.1	41.4	1940	6.49	257.8	207.1	1.8	61	1.1	1.5	0.9	117	0.90	0.076	9
L1000E4900N	Soil	1.9	53.1	31.6	74	0.2	14.6	14.9	509	4.64	228.4	143.0	2.1	43	0.5	1.2	0.7	94	0.92	0.049	7
L1000E4950N	Soil	0.5	48.8	17.6	58	0.2	14.6	20.1	1145	3.76	258.0	119.5	1.9	45	0.2	1.0	0.2	61	1.05	0.038	6
L1000E5000N	Soil	0.3	102.8	16.8	54	0.2	9.5	23.2	1880	4.85	250.5	67.5	0.9	19	0.3	0.9	0.1	63	0.80	0.089	9
L1000E5050N	Soil	1.1	21.0	21.1	60	0.1	18.3	7.8	246	3.23	29.7	4.1	1.6	17	0.5	0.6	0.3	61	0.22	0.065	9
L1000E5100N	Soil	0.8	30.6	21.7	57	<0.1	21.9	12.1	361	2.83	76.9	20.0	2.7	21	0.2	0.8	0.2	56	0.23	0.035	11
L1000E5150N	Soil	1.1	24.8	16.8	35	0.1	11.8	6.6	191	2.28	25.2	16.0	1.3	13	0.3	0.6	0.3	60	0.12	0.055	8
L1000E5200N	Soil	0.7	55.7	13.3	59	<0.1	23.4	13.8	436	3.57	20.2	125.9	3.4	13	0.1	0.7	0.2	65	0.17	0.040	13
L1000E5250N	Soil	1.7	106.0	16.8	75	0.1	18.9	22.2	1575	4.64	10.2	8.9	1.4	24	0.3	0.9	0.4	88	0.56	0.121	26
L1000E5300N	Soil	1.4	32.8	12.1	39	0.1	22.6	12.7	567	6.15	16.2	1.9	1.9	23	0.2	0.7	0.5	165	0.29	0.070	7
L1000E5350N	Soil	1.9	41.7	12.8	53	<0.1	20.6	14.5	663	5.12	17.4	5.9	3.3	20	0.2	0.7	0.6	152	0.33	0.058	8
L1000E5400N	Soil	1.8	34.6	12.7	52	<0.1	21.2	16.1	696	5.63	17.9	20.6	2.5	20	0.3	0.7	0.5	145	0.24	0.052	7
L1100E4400N	Soil	1.5	47.7	28.6	66	0.3	21.0	25.3	1883	4.77	118.0	18.8	1.5	29	0.4	0.9	1.2	100	0.77	0.086	9
L1100E4450N	Soil	1.4	20.8	19.9	51	0.5	13.0	17.6	1003	4.81	29.3	7.9	2.1	18	0.3	0.8	0.9	108	0.27	0.068	7
L1100E4500N	Soil	1.0	41.8	27.0	72	0.2	23.2	19.9	1084	5.46	26.0	5.0	1.9	18	0.4	0.9	1.0	107	0.30	0.076	9
L1100E4550N	Soil	0.7	75.5	40.9	77	0.3	42.1	25.7	904	4.32	166.3	7.7	1.8	66	0.2	1.5	0.8	93	0.91	0.048	8
L1100E4600N	Soil	0.9	104.6	887.0	96	6.5	78.9	42.5	960	5.63	795.6	130.3	3.0	197	0.2	3.4	1.3	121	0.49	0.038	8
L1100E4650N	Soil	2.3	125.4	129.8	93	1.3	61.7	52.6	1567	6.07	188.7	28.8	2.0	105	0.4	0.9	8.0	120	0.56	0.140	16
L1100E4700N	Soil	1.7	283.9	37.4	155	0.4	48.0	87.0	1859	7.86	77.0	19.6	1.6	69	0.6	1.0	1.4	133	0.35	0.130	20
L1100E4750N	Soil	1.7	43.3	27.9	111	0.3	26.4	18.7	615	6.41	30.5	9.0	4.0	20	0.4	0.7	0.4	162	0.36	0.036	10
L1100E4800N	Soil	1.2	112.2	280.2	249	0.9	16.2	24.9	2009	4.78	255.8	165.8	3.0	79	2.3	1.7	0.8	73	0.77	0.048	17
L1100E4850N	Soil	5.6	80.9	705.9	604	1.5	25.1	24.8	1715	3.79	56.5	54.9	5.2	124	2.4	1.9	1.6	61	0.40	0.102	12
L1100E4900N	Soil	0.4	46.9	11.2	58	<0.1	11.6	17.3	1269	4.58	27.4	<0.5	1.4	13	<0.1	0.4	0.2	76	0.16	0.089	7
L1100E4950N	Soil	0.6	19.2	9.4	48	0.1	20.3	8.1	243	2.23	11.4	4.8	2.5	17	0.2	0.5	0.1	47	0.20	0.035	11

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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000253.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		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
L1000E4550N	Soil	65	0.54	123	0.114	2	1.76	0.010	0.09	0.6	0.13	5.6	0.1	0.12	8	<0.5	<0.2
L1000E4600N	Soil	60	0.79	116	0.077	2	2.40	0.010	0.07	0.7	0.08	4.7	0.1	0.10	7	0.5	<0.2
L1000E4650N	Soil	74	0.80	128	0.110	1	2.45	0.011	0.07	1.0	0.09	5.6	0.2	0.09	8	<0.5	<0.2
L1000E4700N	Soil	63	0.82	159	0.069	1	2.39	0.012	0.08	0.9	0.02	5.1	0.1	0.06	5	<0.5	<0.2
L1000E4750N	Soil	86	1.29	188	0.028	2	3.01	0.007	0.10	0.5	0.06	8.4	0.1	0.09	8	<0.5	0.2
L1000E4800N	Soil	94	1.91	162	0.049	2	3.37	0.010	0.12	0.4	0.04	16.6	0.1	0.11	9	0.5	<0.2
L1000E4850N	Soil	40	1.52	190	0.007	1	3.77	0.005	0.06	0.3	0.02	15.2	<0.1	<0.05	8	0.6	<0.2
L1000E4900N	Soil	29	0.83	118	0.046	1	1.96	0.008	0.07	0.4	0.03	5.8	<0.1	0.07	7	<0.5	<0.2
L1000E4950N	Soil	25	0.86	147	0.007	<1	2.33	0.009	0.03	0.1	0.03	7.1	<0.1	<0.05	6	<0.5	<0.2
L1000E5000N	Soil	16	0.82	126	0.001	<1	2.65	0.007	0.06	0.1	0.06	13.6	<0.1	<0.05	6	<0.5	<0.2
L1000E5050N	Soil	29	0.50	83	0.041	2	2.33	0.007	0.07	0.4	0.09	4.1	<0.1	<0.05	6	<0.5	<0.2
L1000E5100N	Soil	36	0.64	91	0.050	2	1.56	0.008	0.04	0.3	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
L1000E5150N	Soil	27	0.29	50	0.046	<1	1.10	0.005	0.04	0.5	0.05	2.7	<0.1	<0.05	5	0.6	<0.2
L1000E5200N	Soil	38	0.84	81	0.040	<1	2.01	0.008	0.04	0.2	<0.01	5.3	<0.1	<0.05	5	<0.5	<0.2
L1000E5250N	Soil	28	0.76	103	0.013	2	2.61	0.006	0.05	0.3	0.02	4.0	<0.1	0.08	8	<0.5	<0.2
L1000E5300N	Soil	88	0.82	110	0.080	<1	2.00	0.005	0.04	0.5	0.10	5.6	0.1	<0.05	9	<0.5	<0.2
L1000E5350N	Soil	76	0.79	75	0.092	<1	1.74	0.006	0.07	0.7	0.05	5.4	<0.1	<0.05	8	<0.5	<0.2
L1000E5400N	Soil	79	0.74	82	0.072	<1	1.86	0.005	0.05	0.7	0.04	5.5	<0.1	<0.05	9	<0.5	<0.2
L1100E4400N	Soil	44	0.96	126	0.023	<1	2.64	0.008	0.06	0.6	0.04	6.8	0.1	<0.05	7	<0.5	<0.2
L1100E4450N	Soil	32	0.56	98	0.012	<1	1.68	0.006	0.08	0.5	0.07	5.0	<0.1	0.07	7	<0.5	<0.2
L1100E4500N	Soil	52	0.96	92	0.028	<1	2.53	0.006	0.10	0.8	0.05	6.8	<0.1	0.07	7	0.6	<0.2
L1100E4550N	Soil	77	1.03	142	0.037	<1	2.05	0.011	0.05	0.4	0.04	9.5	0.1	<0.05	6	0.7	<0.2
L1100E4600N	Soil	121	1.77	195	0.076	<1	3.11	0.021	0.10	0.6	0.04	10.5	0.2	<0.05	8	<0.5	<0.2
L1100E4650N	Soil	105	1.57	121	0.042	2	3.02	0.010	0.06	1.0	0.19	9.8	0.2	0.14	8	<0.5	0.9
L1100E4700N	Soil	166	1.42	167	0.077	<1	3.20	0.015	0.20	1.4	0.11	7.5	0.6	0.15	8	1.0	<0.2
L1100E4750N	Soil	192	1.56	152	0.335	<1	3.70	0.008	0.18	0.7	0.07	9.3	0.2	<0.05	13	0.6	<0.2
L1100E4800N	Soil	21	0.75	308	0.010	<1	2.14	0.010	0.06	0.4	0.06	15.9	0.1	0.07	5	<0.5	<0.2
L1100E4850N	Soil	40	0.76	485	0.043	1	2.43	0.012	0.09	0.5	0.13	6.2	<0.1	0.05	5	0.6	<0.2
L1100E4900N	Soil	22	0.99	75	0.006	<1	3.02	0.004	0.03	0.2	0.05	6.1	<0.1	<0.05	7	<0.5	<0.2
L1100E4950N	Soil	27	0.60	77	0.044	<1	1.68	0.008	0.04	0.3	0.04	3.8	<0.1	<0.05	4	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
L1100E5000N	Soil	0.5	29.5	19.5	53	<0.1	23.3	11.3	352	2.59	25.3	21.2	3.8	18	0.1	0.5	0.2	55	0.23	0.045	13
L1100E5050N	Soil	0.6	25.1	13.3	54	<0.1	21.0	12.1	373	2.72	20.6	46.1	3.4	19	0.2	0.5	0.1	57	0.23	0.052	10
L1100E5100N	Soil	0.5	55.8	14.0	55	<0.1	26.5	15.2	424	2.89	19.8	4.4	5.0	26	0.1	0.5	0.2	68	0.32	0.053	15
L1100E5150N	Soil	1.0	37.2	10.2	48	<0.1	26.0	11.2	314	2.90	12.0	322.2	4.0	16	0.2	0.5	0.2	63	0.17	0.055	13
L1100E5200N	Soil	0.8	32.1	8.5	48	<0.1	30.0	11.1	275	2.40	8.7	1.1	4.5	16	0.2	0.5	0.1	51	0.22	0.054	14
L1100E5250N	Soil	0.6	37.9	9.8	42	<0.1	25.4	11.7	333	2.29	10.7	8.5	3.6	19	<0.1	0.5	0.1	57	0.20	0.040	15
L1100E5300N	Soil	1.5	37.2	10.1	44	<0.1	19.3	11.5	367	4.20	14.0	2.0	1.4	26	0.2	0.5	0.4	97	0.17	0.060	7
L1100E5350N	Soil	0.7	59.0	11.6	61	<0.1	51.5	18.3	427	2.96	16.1	5.4	5.3	24	<0.1	0.5	0.1	62	0.31	0.081	16
L1100E5400N	Soil	1.8	117.9	24.4	78	0.5	82.7	25.8	914	4.25	34.6	5.3	1.7	33	0.1	0.7	0.4	92	0.50	0.153	36
L1200E4400N	Soil	1.4	32.4	24.4	118	0.1	23.1	13.4	739	3.93	39.4	12.9	1.1	29	1.2	0.6	1.1	91	0.28	0.069	8
L1200E4450N	Soil	0.8	44.6	15.7	54	0.1	31.3	16.6	618	3.01	39.6	4.5	2.0	32	0.2	0.6	0.3	63	0.26	0.051	11
L1200E4500N	Soil	1.4	50.3	59.6	82	0.3	18.4	23.5	1236	5.02	370.9	43.7	2.1	38	0.6	0.9	1.2	105	1.00	0.079	10
L1200E4550N	Soil	0.5	74.8	26.2	89	0.2	17.7	28.8	1330	5.45	303.5	108.8	2.5	24	0.3	1.6	1.0	85	0.48	0.051	13
L1200E4600N	Soil	0.6	31.4	9.4	43	<0.1	25.7	11.8	308	2.71	12.0	11.3	2.9	24	0.3	0.5	0.5	65	0.26	0.036	9
L1200E4650N	Soil	1.3	28.6	15.3	60	0.1	18.8	10.8	508	3.48	18.3	8.9	2.2	19	0.3	0.7	0.7	81	0.17	0.066	12
L1200E4700N	Soil	0.8	40.2	26.2	71	<0.1	27.4	12.1	375	3.21	21.7	7.7	4.0	22	0.2	0.6	0.5	65	0.20	0.028	14
L1200E4750N	Soil	0.6	44.6	41.1	90	<0.1	20.2	11.4	413	2.82	57.7	24.9	5.6	33	0.5	0.8	0.4	56	0.25	0.045	17
L1200E4800N	Soil	0.5	36.8	18.3	54	<0.1	30.8	13.3	351	2.79	27.5	11.2	4.2	27	0.2	0.6	0.3	63	0.22	0.037	13
L1200E4850N	Soil	0.4	41.3	10.2	52	<0.1	36.4	17.8	659	3.25	14.7	6.1	4.2	22	0.1	0.7	0.2	77	0.27	0.057	15
L1200E4900N	Soil	0.5	30.2	10.3	50	<0.1	29.8	11.7	368	2.71	11.8	8.1	4.5	23	0.1	0.7	0.2	60	0.28	0.057	17
L1200E4950N	Soil	0.4	26.7	9.4	45	<0.1	22.6	9.9	291	2.29	11.0	7.5	4.9	30	0.2	0.5	0.2	54	0.35	0.059	17
L1200E5000N	Soil	0.5	46.6	20.8	73	<0.1	37.2	15.5	493	3.35	33.3	3.9	5.1	28	0.2	0.7	0.2	80	0.42	0.061	17
L1200E5050N	Soil	0.7	35.9	23.5	68	<0.1	24.0	13.3	450	2.76	76.5	6.4	5.0	24	0.2	0.8	0.2	58	0.26	0.061	17
L1200E5100N	Soil	0.9	37.3	15.8	65	<0.1	21.6	16.1	582	3.13	79.4	6.7	2.8	31	0.2	0.9	0.2	70	0.19	0.049	13
L1200E5150N	Soil	0.8	49.6	11.5	81	0.4	28.1	15.5	806	2.45	12.4	5.3	1.5	65	0.5	0.7	0.3	52	0.80	0.157	16
L1200E5200N	Soil	1.0	118.8	15.7	65	0.1	44.8	39.4	772	3.89	75.4	11.2	5.7	104	0.2	0.9	0.2	77	0.43	0.078	20
L1200E5250N	Soil	1.0	74.8	15.9	98	0.1	41.7	22.1	624	3.23	18.8	5.5	5.7	46	0.5	0.8	0.3	70	0.36	0.099	20
L1200E5300N	Soil	0.4	28.8	8.3	45	<0.1	24.4	10.4	327	2.35	7.6	3.6	2.8	24	<0.1	0.5	0.1	61	0.31	0.054	14
L1200E5350N	Soil	1.5	115.0	23.6	97	0.2	65.0	34.3	1800	4.94	25.8	4.9	1.7	34	0.4	1.1	0.4	118	0.92	0.163	13
L1200E5400N	Soil	0.4	41.6	11.7	51	<0.1	30.3	14.4	442	2.57	7.4	1.7	4.5	27	0.2	0.4	<0.1	70	0.42	0.049	14

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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000253.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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
L1100E5000N	Soil	36	0.72	99	0.055	<1	1.73	0.008	0.04	0.2	0.02	4.8	<0.1	<0.05	4	<0.5	<0.2
L1100E5050N	Soil	38	0.74	121	0.047	<1	2.09	0.010	0.04	0.2	0.03	5.1	<0.1	<0.05	5	<0.5	<0.2
L1100E5100N	Soil	57	0.90	102	0.067	<1	1.74	0.009	0.04	0.2	0.01	6.2	<0.1	<0.05	4	<0.5	<0.2
L1100E5150N	Soil	50	0.76	81	0.059	<1	1.86	0.007	0.05	0.2	0.03	4.7	<0.1	<0.05	4	<0.5	<0.2
L1100E5200N	Soil	44	0.62	85	0.064	<1	1.48	0.007	0.04	0.3	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
L1100E5250N	Soil	50	0.65	76	0.068	<1	1.35	0.008	0.04	0.2	0.02	4.3	<0.1	<0.05	4	<0.5	<0.2
L1100E5300N	Soil	51	0.74	165	0.038	<1	2.51	0.007	0.04	0.5	0.09	5.6	<0.1	<0.05	6	<0.5	<0.2
L1100E5350N	Soil	64	0.85	84	0.082	<1	1.49	0.008	0.08	0.2	0.01	4.7	0.1	<0.05	4	<0.5	<0.2
L1100E5400N	Soil	115	1.02	262	0.031	<1	3.70	0.012	0.09	0.5	0.09	8.7	0.2	0.14	7	<0.5	<0.2
L1200E4400N	Soil	54	0.69	142	0.061	1	1.84	0.011	0.09	0.6	0.07	3.6	<0.1	0.06	6	<0.5	<0.2
L1200E4450N	Soil	67	0.99	111	0.080	<1	2.02	0.013	0.07	0.6	0.03	4.2	0.2	0.06	5	<0.5	<0.2
L1200E4500N	Soil	38	1.19	106	0.014	<1	2.71	0.006	0.07	0.3	0.06	8.9	<0.1	<0.05	8	<0.5	<0.2
L1200E4550N	Soil	30	1.40	99	0.005	1	3.22	0.006	0.06	0.3	<0.01	16.9	<0.1	<0.05	7	<0.5	<0.2
L1200E4600N	Soil	73	0.78	61	0.092	1	1.85	0.011	0.05	0.5	0.03	4.4	<0.1	<0.05	5	<0.5	<0.2
L1200E4650N	Soil	67	0.59	105	0.093	<1	2.23	0.010	0.06	0.5	0.08	5.1	<0.1	<0.05	7	0.5	<0.2
L1200E4700N	Soil	56	0.96	122	0.060	2	2.18	0.008	0.05	0.3	<0.01	5.4	<0.1	<0.05	6	<0.5	<0.2
L1200E4750N	Soil	41	0.76	124	0.067	<1	1.74	0.009	0.05	0.4	<0.01	5.6	<0.1	<0.05	5	<0.5	<0.2
L1200E4800N	Soil	92	0.90	137	0.077	1	1.83	0.009	0.04	0.3	0.01	4.9	<0.1	<0.05	5	<0.5	<0.2
L1200E4850N	Soil	141	1.17	126	0.055	<1	1.88	0.009	0.04	0.2	0.01	8.0	<0.1	<0.05	5	<0.5	<0.2
L1200E4900N	Soil	75	0.89	115	0.079	<1	1.89	0.011	0.04	0.3	0.01	5.5	<0.1	<0.05	5	<0.5	<0.2
L1200E4950N	Soil	61	0.80	106	0.085	<1	1.42	0.010	0.04	0.3	<0.01	5.7	<0.1	<0.05	4	<0.5	<0.2
L1200E5000N	Soil	110	1.35	124	0.082	<1	2.14	0.010	0.04	0.2	<0.01	8.7	<0.1	<0.05	6	<0.5	<0.2
L1200E5050N	Soil	47	0.81	107	0.066	<1	1.77	0.009	0.05	0.3	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
L1200E5100N	Soil	36	0.79	111	0.052	<1	1.95	0.008	0.05	0.3	0.04	5.2	<0.1	<0.05	5	<0.5	<0.2
L1200E5150N	Soil	36	0.68	226	0.037	3	1.68	0.010	0.20	0.2	0.09	5.0	<0.1	0.10	4	<0.5	<0.2
L1200E5200N	Soil	51	0.92	291	0.081	<1	2.16	0.010	0.06	0.3	0.03	8.2	<0.1	<0.05	6	<0.5	<0.2
L1200E5250N	Soil	54	0.90	179	0.094	<1	2.14	0.015	0.08	0.3	0.01	8.0	<0.1	<0.05	6	<0.5	<0.2
L1200E5300N	Soil	50	0.72	127	0.069	<1	1.60	0.012	0.04	0.2	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
L1200E5350N	Soil	99	1.28	327	0.057	1	3.98	0.015	0.09	0.4	0.06	9.1	0.1	0.10	10	0.6	<0.2
L1200E5400N	Soil	60	0.86	111	0.132	<1	1.65	0.014	0.04	0.2	<0.01	6.1	<0.1	<0.05	5	<0.5	<0.2

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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000253.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
L1300E4400N	Soil	1.1	85.0	32.7	70	0.2	12.0	23.0	1318	4.04	294.3	41.3	0.8	103	0.5	1.8	0.7	94	0.68	0.074	7
L1300E4450N	Soil	1.8	68.6	14.4	42	0.4	11.5	11.4	690	3.55	20.5	1.0	0.5	27	1.3	0.9	0.5	68	0.21	0.101	9
L1300E4500N	Soil	1.7	42.8	19.8	63	0.2	21.5	13.3	1087	2.75	33.2	7.0	0.9	29	0.8	1.2	0.6	70	0.28	0.093	12
L1300E4550N	Soil	0.4	24.9	8.6	38	<0.1	20.5	9.8	292	2.33	9.7	4.1	4.2	23	0.1	0.8	0.4	56	0.35	0.048	13
L1300E4600N	Soil	1.2	23.7	9.7	43	0.1	17.4	8.6	315	3.20	8.6	3.0	1.2	19	0.3	1.4	0.8	80	0.18	0.063	9
L1300E4650N	Soil	1.5	45.1	12.9	31	<0.1	57.8	13.4	354	3.05	7.5	5.5	2.4	17	0.1	7.0	0.5	124	0.16	0.032	9
L1300E4700N	Soil	1.2	21.5	14.3	39	<0.1	20.4	8.3	263	3.18	8.1	3.9	4.1	25	0.2	2.0	0.6	98	0.17	0.041	11
L1300E4750N	Soil	0.5	71.8	11.0	49	0.2	74.6	13.0	284	2.71	15.9	2.9	3.9	22	<0.1	1.7	0.2	73	0.31	0.051	16
L1300E4800N	Soil	0.7	27.2	10.0	51	<0.1	22.6	10.6	368	2.55	15.0	1.9	1.6	19	0.2	2.6	0.2	54	0.23	0.080	15
L1300E4850N	Soil	1.0	25.3	9.5	52	<0.1	18.9	8.3	270	3.26	12.2	<0.5	3.6	24	0.2	1.5	0.4	66	0.22	0.067	12
L1300E4900N	Soil	0.3	47.4	11.0	46	<0.1	36.3	18.5	492	2.69	37.4	4.3	4.3	24	0.2	0.7	0.1	75	0.43	0.063	16
L1300E4950N	Soil	1.1	25.3	11.4	43	<0.1	20.3	7.5	277	2.54	8.3	2.1	0.4	20	0.4	1.5	0.2	65	0.24	0.093	10
L1300E5000N	Soil	0.4	32.3	9.3	46	<0.1	21.1	11.8	377	2.71	13.4	24.4	4.9	18	0.1	0.8	<0.1	65	0.27	0.040	16
L1300E5050N	Soil	1.3	25.1	13.9	51	<0.1	18.0	18.2	1021	4.15	12.5	7.5	2.4	18	0.3	1.6	0.3	114	0.16	0.070	11
L1300E5100N	Soil	1.4	35.0	11.2	63	<0.1	20.6	18.1	993	5.07	13.5	<0.5	3.6	11	0.1	0.9	0.2	116	0.12	0.050	10
L1300E5150N	Soil	0.9	39.2	18.8	63	<0.1	27.7	14.8	307	2.93	9.2	1.7	5.1	35	0.3	0.8	0.1	68	0.23	0.053	15
L1300E5200N	Soil	0.7	38.8	14.3	59	<0.1	24.5	15.0	432	2.82	10.0	5.6	5.5	40	0.2	1.0	0.2	71	0.25	0.059	19
L1300E5250N	Soil	0.2	34.6	7.3	46	<0.1	29.9	14.2	297	2.51	5.3	0.7	4.5	27	<0.1	0.5	0.1	67	0.38	0.046	14
L1300E5300N	Soil	1.2	71.3	7.9	48	0.2	32.9	16.5	600	2.95	13.4	3.6	0.4	19	0.2	1.1	0.2	73	0.52	0.177	12
L1300E5350N	Soil	1.4	51.5	12.7	61	<0.1	25.9	21.6	1165	2.79	12.9	4.5	0.2	11	0.3	1.6	0.2	66	0.26	0.174	8
L1300E5400N	Soil	1.2	28.1	6.9	49	<0.1	20.9	11.3	340	3.53	9.2	1.6	1.2	13	0.3	1.2	0.3	81	0.50	0.073	8

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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000253.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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
L1300E4400N	Soil	46	0.92	268	0.046	<1	3.30	0.056	0.12	0.3	0.04	5.0	0.2	<0.05	7	0.5	<0.2
L1300E4450N	Soil	24	0.28	139	0.049	<1	2.67	0.010	0.04	0.2	0.08	3.1	0.1	0.05	6	0.5	<0.2
L1300E4500N	Soil	38	0.52	185	0.053	1	2.31	0.012	0.09	0.4	0.07	4.4	0.1	<0.05	7	<0.5	<0.2
L1300E4550N	Soil	63	0.81	58	0.086	<1	1.30	0.010	0.03	0.2	<0.01	5.2	<0.1	<0.05	4	<0.5	<0.2
L1300E4600N	Soil	72	0.57	109	0.088	<1	1.74	0.010	0.05	0.4	0.05	3.9	0.2	<0.05	7	<0.5	<0.2
L1300E4650N	Soil	180	0.60	84	0.126	<1	1.31	0.008	0.04	0.5	0.04	3.4	0.1	<0.05	8	<0.5	<0.2
L1300E4700N	Soil	85	0.59	93	0.150	<1	1.44	0.008	0.06	0.9	0.03	3.2	<0.1	<0.05	7	<0.5	<0.2
L1300E4750N	Soil	200	1.21	112	0.069	<1	2.07	0.011	0.05	0.2	0.03	8.6	<0.1	<0.05	5	<0.5	<0.2
L1300E4800N	Soil	53	0.63	106	0.050	<1	1.74	0.008	0.06	0.2	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
L1300E4850N	Soil	43	0.54	99	0.082	<1	2.28	0.010	0.06	0.7	0.07	4.2	<0.1	<0.05	5	<0.5	<0.2
L1300E4900N	Soil	155	1.21	91	0.110	<1	1.60	0.013	0.04	0.2	<0.01	7.5	<0.1	<0.05	5	<0.5	<0.2
L1300E4950N	Soil	50	0.45	103	0.036	<1	1.50	0.011	0.05	0.2	0.04	2.3	<0.1	0.08	4	<0.5	<0.2
L1300E5000N	Soil	44	0.81	89	0.061	<1	1.40	0.007	0.03	0.2	<0.01	6.0	<0.1	<0.05	4	<0.5	<0.2
L1300E5050N	Soil	57	0.55	124	0.073	<1	1.77	0.008	0.06	0.3	0.04	5.1	<0.1	<0.05	7	<0.5	<0.2
L1300E5100N	Soil	51	1.00	127	0.008	<1	2.90	0.007	0.09	0.2	0.03	10.9	<0.1	<0.05	8	<0.5	<0.2
L1300E5150N	Soil	37	0.76	108	0.078	<1	1.83	0.010	0.05	0.2	0.02	5.1	<0.1	<0.05	5	<0.5	<0.2
L1300E5200N	Soil	38	0.67	135	0.082	<1	1.83	0.009	0.05	0.3	0.02	4.6	<0.1	<0.05	5	<0.5	<0.2
L1300E5250N	Soil	63	0.84	134	0.097	<1	1.75	0.013	0.04	0.2	0.01	6.7	<0.1	<0.05	5	<0.5	<0.2
L1300E5300N	Soil	57	0.64	207	0.021	2	3.13	0.011	0.06	0.3	0.09	4.3	0.1	0.14	6	<0.5	<0.2
L1300E5350N	Soil	60	0.48	80	0.034	3	2.95	0.010	0.04	0.3	0.07	2.3	<0.1	<0.05	5	1.3	<0.2
L1300E5400N	Soil	52	0.52	84	0.065	3	1.97	0.008	0.05	0.4	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2

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Project: Eikland Mountain
Report Date: August 21, 2013

QUALITY CONTROL REPORT WHI13000253.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
L0E4750N	Soil	24.6	236.2	25.3	62	0.6	27.5	54.3	1792	7.64	50.7	17.7	2.2	59	0.3	1.9	24.8	95	1.02	0.084	11
REP L0E4750N	QC	24.7	237.2	25.1	60	0.6	27.5	54.5	1793	7.60	50.4	16.0	2.0	62	0.2	2.0	25.7	97	1.06	0.083	12
L100E4500N	Soil	5.4	48.4	21.2	49	0.4	24.8	23.7	1399	3.92	34.1	7.6	3.1	837	0.2	0.4	10.1	52	1.41	0.050	10
REP L100E4500N	QC	5.5	49.4	20.9	49	0.4	24.9	23.1	1349	3.92	29.0	8.2	3.6	705	0.2	0.5	12.9	54	1.30	0.055	12
L200E4450N	Soil	9.4	120.2	19.3	65	0.5	25.5	26.9	944	5.68	249.8	31.5	3.2	59	0.1	2.9	12.4	84	0.79	0.059	12
REP L200E4450N	QC	8.9	117.4	18.8	65	0.5	24.8	25.6	919	5.51	238.7	33.9	3.0	57	0.2	3.0	11.3	79	0.75	0.058	12
L200E5250N	Soil	14.9	84.1	13.0	63	0.2	31.6	19.4	618	4.08	40.8	3.1	6.1	23	0.2	0.9	6.8	80	0.56	0.050	16
REP L200E5250N	QC	14.4	85.5	12.6	64	0.2	31.9	19.1	609	4.03	41.3	4.4	5.9	23	0.2	0.9	6.7	80	0.54	0.050	16
L300E5200N	Soil	10.6	104.3	13.3	58	0.3	28.8	16.3	640	3.31	34.8	6.9	4.2	36	0.2	1.4	2.7	70	1.18	0.058	26
REP L300E5200N	QC	11.0	106.0	13.3	59	0.3	29.0	16.4	654	3.38	36.5	6.3	4.2	35	0.3	1.4	2.4	72	1.16	0.059	27
L400E4950N	Soil	11.7	52.2	10.8	81	0.3	27.0	10.1	437	2.46	9.8	4.3	3.4	29	0.2	1.3	1.7	55	0.93	0.063	23
REP L400E4950N	QC	12.6	52.6	10.7	81	0.3	27.0	10.4	437	2.51	10.3	3.7	3.5	29	0.2	1.2	1.4	57	0.94	0.063	24
L500E4900N	Soil	11.7	46.3	12.0	61	0.2	22.4	10.0	343	2.39	30.7	11.0	5.9	21	0.1	0.6	3.4	53	0.47	0.084	20
REP L500E4900N	QC	11.7	44.1	12.5	62	0.2	21.8	9.7	334	2.38	29.5	7.1	5.7	21	0.1	0.6	3.2	51	0.46	0.085	20
L600E4750N	Soil	3.0	148.6	11.2	55	0.2	36.5	12.4	460	2.88	10.3	2.8	5.6	23	0.2	0.3	1.6	61	0.67	0.033	21
REP L600E4750N	QC	2.8	151.1	11.3	54	0.2	36.4	12.6	486	2.83	10.7	5.3	5.9	23	0.1	0.4	1.6	62	0.68	0.032	22
L700E4700N	Soil	1.1	60.1	8.5	120	0.1	125.8	26.1	523	4.00	15.3	3.8	4.6	46	0.2	0.9	0.7	121	1.01	0.050	10
REP L700E4700N	QC	1.2	61.6	8.2	124	0.1	124.6	26.2	524	4.08	15.2	1.4	4.7	48	0.2	1.0	0.7	121	0.99	0.051	10
L800E4500N	Soil	3.1	189.5	15.7	112	0.4	51.7	10.5	414	2.75	9.3	8.2	4.6	65	0.8	0.9	3.9	53	1.23	0.095	23
REP L800E4500N	QC	3.0	186.9	14.8	114	0.4	51.1	10.5	415	2.74	9.3	6.4	4.7	62	0.8	1.0	3.9	52	1.20	0.098	23
L900E4450N	Soil	1.8	36.8	7.6	33	0.3	13.1	5.9	190	1.70	4.9	1.0	2.1	33	0.2	0.5	1.0	47	0.69	0.062	17
REP L900E4450N	QC	2.0	39.6	8.1	35	0.3	14.1	6.1	195	1.75	4.8	2.7	2.0	34	0.2	0.5	1.1	50	0.72	0.062	17
L900E5250N	Soil	0.8	74.0	10.8	58	0.2	12.6	19.6	1377	4.23	91.1	4.3	1.9	37	<0.1	0.6	0.1	83	1.23	0.077	13
REP L900E5250N	QC	0.7	73.5	10.8	59	0.2	12.7	20.3	1317	4.27	89.9	21.0	1.9	37	0.1	0.6	0.1	85	1.21	0.075	14
L1000E5200N	Soil	0.7	55.7	13.3	59	<0.1	23.4	13.8	436	3.57	20.2	125.9	3.4	13	0.1	0.7	0.2	65	0.17	0.040	13
REP L1000E5200N	QC	0.7	54.0	13.3	59	<0.1	23.4	13.5	435	3.59	18.8	43.1	3.6	12	0.1	0.6	0.2	65	0.17	0.038	12
L1100E4950N	Soil	0.6	19.2	9.4	48	0.1	20.3	8.1	243	2.23	11.4	4.8	2.5	17	0.2	0.5	0.1	47	0.20	0.035	11
REP L1100E4950N	QC	0.6	18.5	9.1	48	0.1	20.1	8.3	246	2.19	10.9	5.1	2.6	17	<0.1	0.5	0.2	46	0.19	0.040	11

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Project: Eikland Mountain
Report Date: August 21, 2013

QUALITY CONTROL REPORT WHI13000253.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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																	
L0E4750N	Soil	40	1.23	75	0.020	2	3.06	0.018	0.06	55.6	0.08	12.2	0.1	0.16	7	1.5	0.5
REP L0E4750N	QC	41	1.24	76	0.019	2	2.98	0.020	0.05	50.9	0.09	12.5	0.2	0.16	7	1.8	0.5
L100E4500N	Soil	67	2.59	752	0.001	<1	5.13	0.019	0.09	12.9	0.03	8.4	<0.1	<0.05	7	<0.5	<0.2
REP L100E4500N	QC	65	2.59	657	0.001	<1	5.06	0.017	0.08	11.9	0.03	8.5	<0.1	<0.05	7	<0.5	<0.2
L200E4450N	Soil	42	1.58	117	0.010	2	3.26	0.013	0.08	11.2	0.02	14.1	<0.1	0.09	7	0.6	0.3
REP L200E4450N	QC	40	1.53	112	0.010	2	3.19	0.013	0.07	10.9	0.02	14.0	<0.1	0.09	7	<0.5	0.4
L200E5250N	Soil	60	1.32	99	0.081	2	2.84	0.022	0.14	8.3	0.02	9.7	0.1	0.08	8	<0.5	<0.2
REP L200E5250N	QC	61	1.33	100	0.081	2	2.84	0.022	0.13	8.2	0.02	9.3	0.2	0.08	8	<0.5	<0.2
L300E5200N	Soil	46	0.79	101	0.062	2	2.28	0.018	0.18	4.0	0.03	7.9	0.2	0.15	6	0.6	<0.2
REP L300E5200N	QC	45	0.85	103	0.062	2	2.41	0.017	0.18	4.8	0.04	7.9	0.2	0.14	6	0.7	<0.2
L400E4950N	Soil	38	0.70	118	0.064	1	2.21	0.012	0.21	1.6	0.04	5.1	0.2	0.11	6	0.7	<0.2
REP L400E4950N	QC	38	0.69	116	0.067	2	2.11	0.012	0.21	1.5	0.04	5.1	0.2	0.12	7	0.5	<0.2
L500E4900N	Soil	37	0.75	102	0.062	2	1.96	0.012	0.14	5.1	0.02	5.6	0.2	0.07	6	<0.5	<0.2
REP L500E4900N	QC	36	0.74	98	0.062	2	1.83	0.011	0.14	4.8	0.02	5.5	0.2	0.08	6	<0.5	<0.2
L600E4750N	Soil	89	0.96	104	0.084	1	2.34	0.019	0.13	1.2	0.02	6.3	0.2	0.12	7	0.6	<0.2
REP L600E4750N	QC	86	0.98	106	0.084	1	2.32	0.019	0.13	1.2	0.01	6.5	0.2	0.07	7	<0.5	<0.2
L700E4700N	Soil	452	3.09	261	0.209	2	3.47	0.058	0.31	0.3	0.02	7.6	0.2	<0.05	11	<0.5	<0.2
REP L700E4700N	QC	448	3.10	263	0.210	2	3.52	0.056	0.31	0.4	0.01	7.4	0.2	<0.05	10	<0.5	<0.2
L800E4500N	Soil	36	0.77	132	0.067	1	2.14	0.015	0.16	1.8	0.05	7.5	0.2	0.07	6	1.1	<0.2
REP L800E4500N	QC	36	0.77	133	0.067	2	2.13	0.016	0.15	2.4	0.07	7.6	0.2	0.07	6	1.3	<0.2
L900E4450N	Soil	25	0.40	71	0.044	<1	1.29	0.012	0.05	0.8	0.04	3.3	<0.1	0.15	4	0.7	<0.2
REP L900E4450N	QC	26	0.42	74	0.044	1	1.33	0.012	0.05	0.8	0.04	3.5	<0.1	0.11	4	0.7	<0.2
L900E5250N	Soil	44	1.02	88	0.007	1	2.50	0.006	0.04	0.2	0.05	11.0	<0.1	0.15	6	0.8	<0.2
REP L900E5250N	QC	43	1.03	93	0.008	1	2.57	0.007	0.04	0.2	0.05	10.4	0.1	0.13	6	0.8	<0.2
L1000E5200N	Soil	38	0.84	81	0.040	<1	2.01	0.008	0.04	0.2	<0.01	5.3	<0.1	<0.05	5	<0.5	<0.2
REP L1000E5200N	QC	39	0.80	75	0.038	<1	1.92	0.006	0.05	0.3	0.03	5.4	<0.1	<0.05	5	<0.5	<0.2
L1100E4950N	Soil	27	0.60	77	0.044	<1	1.68	0.008	0.04	0.3	0.04	3.8	<0.1	<0.05	4	<0.5	<0.2
REP L1100E4950N	QC	28	0.60	76	0.042	<1	1.69	0.008	0.04	0.2	0.02	3.7	<0.1	<0.05	4	<0.5	<0.2

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Project: Eikland Mountain
Report Date: August 21, 2013

QUALITY CONTROL REPORT WHI13000253.1

		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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
L1200E4900N	Soil	0.5	30.2	10.3	50	<0.1	29.8	11.7	368	2.71	11.8	8.1	4.5	23	0.1	0.7	0.2	60	0.28	0.057	17
REP L1200E4900N	QC	0.5	31.4	10.2	50	<0.1	29.4	12.0	386	2.79	11.9	5.5	4.6	23	0.1	0.7	0.2	62	0.28	0.056	17
L1300E4650N	Soil	1.5	45.1	12.9	31	<0.1	57.8	13.4	354	3.05	7.5	5.5	2.4	17	0.1	7.0	0.5	124	0.16	0.032	9
REP L1300E4650N	QC	1.4	42.7	11.3	29	<0.1	54.9	13.0	344	2.98	7.3	3.1	2.5	18	<0.1	6.4	0.4	121	0.14	0.031	9
L1300E5300N	Soil	1.2	71.3	7.9	48	0.2	32.9	16.5	600	2.95	13.4	3.6	0.4	19	0.2	1.1	0.2	73	0.52	0.177	12
REP L1300E5300N	QC	1.0	70.3	7.7	52	0.2	32.6	14.6	572	2.91	13.9	0.5	0.4	19	0.3	1.2	0.2	75	0.51	0.195	13
L1300E5400N	Soil	1.2	28.1	6.9	49	<0.1	20.9	11.3	340	3.53	9.2	1.6	1.2	13	0.3	1.2	0.3	81	0.50	0.073	8
REP L1300E5400N	QC	1.2	29.2	7.3	52	0.1	21.8	9.4	298	3.47	9.9	0.6	1.3	14	0.1	1.3	0.4	87	0.50	0.074	9
Reference Materials																					
STD DS9	Standard	13.3	108.0	106.8	311	1.8	39.6	7.8	594	2.35	25.7	114.0	5.5	60	2.4	4.7	5.6	42	0.80	0.081	13
STD DS9	Standard	13.2	108.6	130.2	307	1.8	39.0	7.6	582	2.32	26.1	119.7	6.4	69	2.6	5.5	5.8	41	0.72	0.080	13
STD DS9	Standard	13.3	104.8	123.6	304	1.8	41.5	7.6	607	2.39	25.1	112.9	6.4	71	2.2	5.7	6.5	45	0.73	0.079	14
STD DS9	Standard	13.1	102.0	126.0	309	1.9	40.5	7.7	589	2.40	26.8	124.3	6.2	71	2.3	5.5	6.4	47	0.72	0.083	14
STD DS9	Standard	12.0	97.9	118.0	292	1.8	38.6	7.4	559	2.20	23.5	113.0	5.7	63	2.2	5.4	6.5	42	0.68	0.071	13
STD DS9	Standard	13.2	110.4	128.0	317	1.6	37.9	7.3	591	2.31	26.9	108.0	7.3	83	2.5	6.6	6.5	41	0.73	0.084	16
STD DS9	Standard	13.5	113.5	128.5	333	1.7	42.2	7.7	617	2.46	27.7	112.9	6.8	84	2.5	7.0	7.0	42	0.75	0.091	15
STD DS9	Standard	13.9	100.6	123.6	302	1.8	41.6	7.4	610	2.40	23.9	115.5	6.6	72	2.4	5.8	6.4	40	0.77	0.079	15
STD DS9	Standard	13.3	98.8	119.6	303	1.8	39.4	7.7	585	2.38	23.7	118.9	5.9	70	2.0	5.3	5.7	47	0.72	0.076	15
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	0.8	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	0.7	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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Project: Eikland Mountain
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QUALITY CONTROL REPORT WHI13000253.1

		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 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
L1200E4900N	Soil	75	0.89	115	0.079	<1	1.89	0.011	0.04	0.3	0.01	5.5	<0.1	<0.05	5	<0.5	<0.2
REP L1200E4900N	QC	78	0.91	115	0.079	1	1.93	0.010	0.05	0.2	0.01	5.8	<0.1	<0.05	5	<0.5	<0.2
L1300E4650N	Soil	180	0.60	84	0.126	<1	1.31	0.008	0.04	0.5	0.04	3.4	0.1	<0.05	8	<0.5	<0.2
REP L1300E4650N	QC	173	0.55	78	0.120	<1	1.24	0.007	0.03	0.5	0.03	3.2	<0.1	<0.05	7	<0.5	<0.2
L1300E5300N	Soil	57	0.64	207	0.021	2	3.13	0.011	0.06	0.3	0.09	4.3	0.1	0.14	6	<0.5	<0.2
REP L1300E5300N	QC	58	0.55	207	0.026	5	3.02	0.011	0.07	0.4	0.07	4.9	0.1	<0.05	6	0.6	<0.2
L1300E5400N	Soil	52	0.52	84	0.065	3	1.97	0.008	0.05	0.4	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
REP L1300E5400N	QC	51	0.46	83	0.076	4	1.93	0.009	0.05	0.5	0.04	3.9	<0.1	<0.05	6	0.5	<0.2
Reference Materials																	
STD DS9	Standard	121	0.61	333	0.096	3	0.93	0.085	0.39	3.0	0.21	2.7	5.3	0.09	5	5.1	4.9
STD DS9	Standard	116	0.61	298	0.118	<1	0.92	0.079	0.39	2.9	0.19	2.9	5.0	0.12	5	4.2	4.4
STD DS9	Standard	128	0.63	292	0.115	3	0.99	0.081	0.39	2.9	0.22	3.0	5.2	0.23	5	5.2	5.2
STD DS9	Standard	124	0.66	281	0.105	3	1.00	0.091	0.39	2.9	0.20	2.9	5.3	0.22	5	5.3	5.0
STD DS9	Standard	118	0.54	278	0.105	2	0.88	0.078	0.36	3.0	0.19	2.5	5.2	0.22	4	5.0	4.9
STD DS9	Standard	116	0.62	323	0.125	2	0.98	0.090	0.39	3.2	0.21	3.0	5.2	0.13	5	5.2	4.4
STD DS9	Standard	124	0.64	322	0.129	3	0.99	0.089	0.42	3.4	0.21	2.6	5.4	0.16	5	6.0	5.6
STD DS9	Standard	126	0.62	313	0.121	3	1.01	0.093	0.40	3.1	0.22	2.9	5.3	0.20	5	5.2	5.4
STD DS9	Standard	121	0.61	300	0.113	2	0.97	0.089	0.38	3.1	0.20	2.9	5.0	0.17	5	4.8	5.1
STD DS9 Expected		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	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	0.05	<1	<0.5	<0.2
BLK	Blank	1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	0.07	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	2	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	0.08	<1	<0.5	<0.2
BLK	Blank	1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Submitted By: Mike Power
Receiving Lab: Canada-Whitehorse
Received: August 09, 2013
Report Date: August 17, 2013
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI13000254.1

CLIENT JOB INFORMATION

Project: Eikland Mountain
Shipment ID: GR-2013-01
P.O. Number
Number of Samples: 34

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	34	Dry at 60C			WHI
SS80	34	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	34	Saving all or part of Soil Reject			WHI
1DX2	34	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Yellowknife)
3506 McDonald Drive
Yellowknife NT X1A 2H1
CANADA

CC: Gary Vivian

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Eikland Mountain
Report Date: August 17, 2013

CERTIFICATE OF ANALYSIS WHI13000254.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
L999N100E	Soil	0.5	17.0	5.1	41	<0.1	7.8	4.7	208	1.61	1.1	1.2	2.4	17	0.2	0.2	0.2	38	0.38	0.040	13
L999N200E	Soil	0.5	7.8	6.5	24	<0.1	6.2	3.6	119	2.13	1.6	<0.5	3.2	10	<0.1	0.1	0.3	61	0.10	0.048	17
L999N300E	Soil	0.3	105.7	12.2	57	<0.1	18.8	12.5	407	3.02	6.2	3.9	4.8	26	0.1	0.2	0.4	71	0.82	0.069	19
L999N400E	Soil	0.6	37.0	7.0	68	<0.1	14.4	10.9	540	2.82	3.9	1.6	2.3	16	0.5	0.2	0.3	67	0.33	0.044	15
L999N500E	Soil	0.5	11.6	7.1	42	<0.1	9.8	6.5	238	2.55	2.7	1.2	7.0	12	0.1	0.1	0.3	55	0.16	0.101	21
L999N600E	Soil	0.3	8.4	7.5	28	0.1	8.2	4.6	161	1.65	9.9	<0.5	5.9	19	0.1	<0.1	0.2	35	0.34	0.098	33
L999N700E	Soil	0.4	7.1	6.1	30	<0.1	10.5	5.1	203	1.89	3.1	0.9	7.9	16	<0.1	<0.1	0.3	46	0.40	0.034	22
L999N800E	Soil	0.2	11.5	7.0	35	<0.1	14.6	7.3	291	1.86	2.1	0.6	10.9	17	<0.1	<0.1	0.3	43	0.37	0.093	28
L999N900E	Soil	0.4	8.3	6.8	28	<0.1	10.6	5.8	230	1.71	1.3	3.9	6.2	11	<0.1	0.1	0.3	35	0.23	0.083	23
L999N1000E	Soil	0.6	21.1	7.0	48	<0.1	16.7	8.1	323	2.27	3.8	2.5	1.9	18	0.2	0.3	0.4	44	0.20	0.071	20
L999N1100E	Soil	0.5	15.3	7.2	39	<0.1	12.4	5.4	206	1.76	2.1	1.0	3.1	14	0.1	0.1	0.4	37	0.22	0.072	23
L999N1200E	Soil	2.0	8.6	5.7	42	<0.1	11.2	5.9	223	2.03	1.2	1.1	4.1	13	0.1	0.1	0.3	38	0.17	0.059	22
L999N1300E	Soil	5.3	9.7	5.7	40	<0.1	11.6	6.1	218	1.97	4.5	1.3	4.1	13	<0.1	0.1	0.4	33	0.23	0.056	22
L999N1400E	Soil	2.6	22.9	8.3	42	<0.1	17.5	8.4	337	2.15	5.2	0.5	7.3	18	0.1	0.3	0.5	44	0.34	0.055	23
L999N1500E	Soil	5.5	20.2	6.8	39	<0.1	11.1	10.3	367	2.27	3.9	3.2	6.2	22	<0.1	0.3	0.4	55	0.47	0.072	18
L999N1600E	Soil	4.3	13.9	6.5	42	<0.1	13.8	9.8	272	3.49	3.1	2.1	4.2	24	<0.1	0.3	0.3	56	0.51	0.082	14
L999N1700E	Soil	8.5	26.0	9.9	62	0.3	23.6	12.3	402	2.78	8.4	1.7	2.0	32	0.2	0.3	1.2	65	0.56	0.076	14
L999N1800E	Soil	76.8	43.8	15.6	77	0.8	29.6	21.2	3795	4.79	36.6	3.7	1.3	38	0.9	0.7	3.0	87	0.73	0.173	26
L999N1900E	Soil	24.8	23.1	13.5	55	0.4	23.1	10.0	421	3.08	14.0	1.6	2.4	37	0.2	0.5	2.5	56	0.73	0.091	16
L999N2000E	Soil	75.3	40.9	13.5	132	0.7	40.8	13.6	4669	3.60	30.5	2.4	1.9	42	1.2	0.5	3.9	63	0.71	0.110	24
L999N2100E	Soil	23.4	35.7	12.4	47	0.2	28.9	14.0	343	2.29	7.3	3.0	3.6	29	0.3	0.3	3.1	51	0.48	0.046	13
L999N2200E	Soil	9.3	12.2	9.3	27	0.3	12.6	4.2	180	1.27	0.6	2.1	0.2	23	0.2	0.2	0.5	30	0.47	0.075	13
L999N2300E	Soil	2.3	28.4	6.4	43	0.2	23.9	8.7	276	2.39	4.7	0.5	1.3	36	<0.1	0.4	0.4	50	0.31	0.062	15
L999N2400E	Soil	5.6	44.6	8.1	48	0.2	20.6	10.7	390	3.05	11.2	0.8	0.8	33	0.3	0.9	0.7	54	0.33	0.087	12
L999N2500E	Soil	1.1	33.4	8.2	50	<0.1	29.7	11.1	311	2.44	5.9	1.3	3.5	36	0.2	0.4	1.0	44	0.33	0.077	16
L999N2600E	Soil	1.0	33.0	7.9	58	<0.1	33.4	11.1	357	2.63	4.9	1.7	4.8	30	0.2	0.5	0.5	53	0.28	0.056	19
L999N2700E	Soil	1.1	13.6	6.9	38	0.1	13.2	5.0	288	1.85	1.3	<0.5	0.2	19	0.1	0.2	0.3	31	0.14	0.100	16
L999N2800E	Soil	0.9	14.9	8.3	46	<0.1	20.9	7.3	246	2.76	4.5	2.0	3.7	12	0.3	0.4	0.3	49	0.14	0.031	12
L999N2900E	Soil	1.7	18.2	9.2	57	0.2	17.2	6.6	269	3.39	4.4	4.7	2.5	18	0.3	0.5	0.4	64	0.18	0.054	12
L999N3000E	Soil	1.2	27.8	11.8	52	<0.1	22.5	11.8	399	2.24	9.0	1.1	1.3	26	0.4	0.6	0.6	45	0.48	0.082	14

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Project: Eikland Mountain
Report Date: August 17, 2013

CERTIFICATE OF ANALYSIS WHI13000254.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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
L999N100E	Soil	17	0.36	70	0.052	2	1.02	0.007	0.06	0.5	0.02	2.7	<0.1	0.08	5	<0.5	<0.2
L999N200E	Soil	20	0.29	48	0.075	2	0.94	0.007	0.06	1.1	0.02	2.1	<0.1	0.11	7	<0.5	<0.2
L999N300E	Soil	35	1.03	86	0.070	2	2.20	0.012	0.12	0.5	0.02	7.5	0.1	0.09	6	<0.5	<0.2
L999N400E	Soil	29	0.69	80	0.052	2	1.75	0.010	0.11	0.5	0.02	4.3	0.1	0.10	6	0.5	<0.2
L999N500E	Soil	25	0.48	72	0.078	2	1.96	0.009	0.15	0.8	0.05	3.7	0.1	0.06	8	<0.5	<0.2
L999N600E	Soil	18	0.36	79	0.059	2	1.41	0.010	0.11	0.6	0.03	2.3	0.1	0.09	5	<0.5	<0.2
L999N700E	Soil	23	0.49	69	0.110	2	1.14	0.008	0.12	0.9	0.01	3.0	0.1	0.06	6	<0.5	<0.2
L999N800E	Soil	25	0.54	102	0.083	2	1.62	0.009	0.14	0.8	<0.01	3.2	0.1	0.05	5	<0.5	<0.2
L999N900E	Soil	22	0.41	66	0.062	2	1.60	0.007	0.11	0.7	0.03	2.6	0.1	0.07	5	<0.5	<0.2
L999N1000E	Soil	32	0.57	81	0.051	1	1.90	0.007	0.12	0.5	0.02	2.6	0.1	0.06	6	<0.5	<0.2
L999N1100E	Soil	27	0.45	97	0.057	<1	1.71	0.010	0.11	0.4	<0.01	3.0	0.2	0.08	7	<0.5	<0.2
L999N1200E	Soil	25	0.55	80	0.088	1	1.73	0.007	0.11	0.6	0.01	3.1	0.1	0.06	6	<0.5	<0.2
L999N1300E	Soil	24	0.53	95	0.068	1	1.54	0.009	0.09	0.8	<0.01	3.4	0.1	0.06	6	<0.5	<0.2
L999N1400E	Soil	29	0.61	115	0.077	1	1.77	0.012	0.14	0.8	0.01	4.0	0.2	0.05	5	0.5	<0.2
L999N1500E	Soil	29	0.68	66	0.081	<1	1.60	0.017	0.05	0.8	<0.01	6.1	<0.1	0.06	5	<0.5	<0.2
L999N1600E	Soil	32	0.82	113	0.086	1	1.93	0.015	0.04	0.6	<0.01	5.7	<0.1	0.07	5	<0.5	<0.2
L999N1700E	Soil	52	0.73	123	0.055	2	2.39	0.021	0.06	1.6	0.02	5.8	0.1	0.09	6	0.8	<0.2
L999N1800E	Soil	57	0.68	199	0.027	2	3.04	0.021	0.05	1.7	0.07	4.8	0.2	0.17	6	2.9	<0.2
L999N1900E	Soil	49	0.71	107	0.055	1	1.82	0.028	0.06	2.5	0.03	5.4	<0.1	0.10	5	1.1	<0.2
L999N2000E	Soil	70	0.77	278	0.044	2	3.10	0.025	0.07	1.4	0.06	6.5	0.2	0.13	6	1.2	<0.2
L999N2100E	Soil	49	0.69	144	0.086	1	1.83	0.022	0.06	1.5	0.01	4.9	0.1	0.09	5	<0.5	<0.2
L999N2200E	Soil	27	0.34	136	0.023	1	1.78	0.016	0.04	0.3	0.04	1.4	<0.1	0.18	5	1.6	<0.2
L999N2300E	Soil	48	0.66	122	0.052	1	2.66	0.022	0.06	0.7	0.02	3.8	0.1	0.10	5	0.8	<0.2
L999N2400E	Soil	40	0.63	232	0.039	1	2.55	0.019	0.08	2.7	0.05	3.0	0.1	0.12	6	0.8	<0.2
L999N2500E	Soil	52	0.66	185	0.076	<1	2.50	0.015	0.10	1.2	0.02	4.4	0.1	0.08	5	<0.5	<0.2
L999N2600E	Soil	57	0.74	174	0.086	<1	2.20	0.013	0.11	0.4	0.01	4.2	0.2	<0.05	6	<0.5	<0.2
L999N2700E	Soil	31	0.33	98	0.022	2	2.20	0.008	0.09	0.2	0.07	0.7	0.1	0.16	7	0.8	<0.2
L999N2800E	Soil	37	0.48	91	0.098	1	1.47	0.007	0.06	0.4	0.03	2.9	<0.1	0.06	5	<0.5	<0.2
L999N2900E	Soil	36	0.48	106	0.082	1	1.77	0.007	0.09	0.4	0.05	2.9	<0.1	0.09	6	<0.5	<0.2
L999N3000E	Soil	50	0.61	99	0.055	<1	1.56	0.013	0.07	0.7	0.02	3.2	<0.1	0.10	4	0.7	<0.2

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Project: Eikland Mountain
Report Date: August 17, 2013

CERTIFICATE OF ANALYSIS WHI13000254.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
SS13-1	Soil	1.6	37.3	5.5	51	<0.1	15.5	8.7	361	1.92	19.3	6.0	6.3	24	<0.1	0.3	0.7	37	0.74	0.092	21
SS13-2	Soil	11.2	40.6	9.4	66	0.2	17.3	7.3	294	2.47	6.8	3.3	9.6	26	0.3	0.3	0.6	48	0.69	0.111	37
SS13-3	Soil	23.4	101.9	123.6	198	2.6	22.8	9.1	408	2.40	24.0	12.6	5.4	37	2.1	0.4	7.5	39	0.75	0.084	55
SS13-4	Soil	24.1	95.6	367.7	616	2.6	15.5	9.4	710	2.60	61.6	9.2	7.7	43	9.1	0.8	7.7	34	0.75	0.077	49

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CERTIFICATE OF ANALYSIS WHI13000254.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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
SS13-1	Soil	23	0.55	48	0.079	2	1.43	0.016	0.13	0.8	<0.01	4.0	0.1	0.08	4	0.5	<0.2
SS13-2	Soil	30	0.66	125	0.097	<1	1.88	0.011	0.18	1.5	0.03	5.0	0.2	0.10	6	0.6	<0.2
SS13-3	Soil	34	0.66	179	0.058	<1	2.60	0.012	0.29	0.4	0.08	6.3	0.3	0.19	7	1.6	<0.2
SS13-4	Soil	34	0.67	148	0.038	1	1.81	0.011	0.16	0.8	0.04	5.0	0.2	0.16	5	1.8	<0.2

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QUALITY CONTROL REPORT WHI13000254.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
L999N2800E	Soil	0.9	14.9	8.3	46	<0.1	20.9	7.3	246	2.76	4.5	2.0	3.7	12	0.3	0.4	0.3	49	0.14	0.031	12
REP L999N2800E	QC	1.0	15.1	8.8	46	<0.1	21.0	7.5	248	2.89	4.7	<0.5	3.9	13	0.4	0.4	0.3	49	0.14	0.033	12
L999N2900E	Soil	1.7	18.2	9.2	57	0.2	17.2	6.6	269	3.39	4.4	4.7	2.5	18	0.3	0.5	0.4	64	0.18	0.054	12
REP L999N2900E	QC	1.5	18.0	9.0	59	0.2	17.1	6.6	264	3.44	4.6	2.1	2.4	17	0.3	0.5	0.4	64	0.19	0.055	13
Reference Materials																					
STD DS9	Standard	13.8	100.2	119.9	305	1.8	39.6	7.7	607	2.40	24.6	116.3	6.0	70	2.3	5.9	6.3	39	0.73	0.080	14
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Eikland Mountain
Report Date: August 17, 2013

QUALITY CONTROL REPORT WHI13000254.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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																	
L999N2800E	Soil	37	0.48	91	0.098	1	1.47	0.007	0.06	0.4	0.03	2.9	<0.1	0.06	5	<0.5	<0.2
REP L999N2800E	QC	37	0.49	94	0.102	2	1.52	0.008	0.07	0.5	0.03	3.0	0.1	0.06	6	<0.5	<0.2
L999N2900E	Soil	36	0.48	106	0.082	1	1.77	0.007	0.09	0.4	0.05	2.9	<0.1	0.09	6	<0.5	<0.2
REP L999N2900E	QC	37	0.47	107	0.084	1	1.73	0.007	0.10	0.4	0.05	2.9	<0.1	0.11	6	0.6	<0.2
Reference Materials																	
STD DS9	Standard	123	0.63	320	0.107	2	1.01	0.089	0.40	3.1	0.21	2.7	5.2	0.23	4	5.5	5.1
STD DS9 Expected		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	2	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	0.08	<1	<0.5	<0.2

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Submitted By: Mike Power
Receiving Lab: Canada-Whitehorse
Received: August 09, 2013
Report Date: August 21, 2013
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI13000255.1

CLIENT JOB INFORMATION

Project: Eikland Mountain
Shipment ID: GR-2013-01
P.O. Number
Number of Samples: 68

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	68	Crush, split and pulverize 250 g rock to 200 mesh			WHI
GEO4	68	FA fusion Au Pt Pd; 1:1:1 AR digestion ICP-ES analysis	30	Completed	VAN

SAMPLE DISPOSAL

PICKUP-PLP	Client to Pickup Pulps
PICKUP-RJT	Client to Pickup Rejects

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

ADDITIONAL COMMENTS

Invoice To: Aurora Geosciences Ltd. (Yellowknife)
3506 McDonald Drive
Yellowknife NT X1A 2H1
CANADA

CC: Gary Vivian

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000255.1

Method		WGHT	3B	3B	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
Unit		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	2	1	0.5	3	3
581201	Rock	0.51	<2	<3	5	2	59	<3	3	<0.3	2	4	74	1.01	2	3	<2	4	<0.5	<3	<3
581202	Rock	0.38	<2	<3	6	<1	20	<3	12	<0.3	4	5	154	1.14	<2	<2	<2	8	<0.5	<3	<3
581203	Rock	0.50	<2	<3	<2	<1	109	3	32	<0.3	27	22	353	3.64	<2	<2	<2	14	1.2	<3	<3
581204	Rock	0.46	4	<3	<2	6	32	15	2	1.0	3	9	38	3.69	11	<2	7	4	1.2	6	<3
581205	Rock	0.61	<2	<3	<2	6	22	6	26	<0.3	<1	<1	54	1.03	3	2	18	4	<0.5	<3	<3
581206	Rock	0.93	<2	<3	5	78	35	53	11	4.5	2	<1	226	0.70	<2	<2	16	7	<0.5	3	33
581207	Rock	0.41	404	<3	<2	172	6	439	<1	1.1	10	17	57	3.14	226	<2	<2	3	1.0	39	32
581208	Rock	0.30	3	<3	<2	21	23	9	15	<0.3	1	1	114	0.78	<2	<2	19	11	<0.5	<3	<3
581209	Rock	0.29	3	<3	<2	20	50	<3	3	0.4	2	<1	50	1.74	5	<2	<2	2	0.6	<3	<3
581210	Rock	0.45	<2	<3	<2	3	71	5	39	0.4	4	3	453	1.41	<2	<2	18	32	0.6	<3	<3
581211	Rock	0.32	<2	<3	<2	714	142	<3	16	<0.3	37	26	288	2.56	<2	<2	2	22	1.2	6	<3
581212	Rock	0.36	<2	<3	<2	23	71	5	12	<0.3	8	<1	243	1.95	<2	<2	6	7	<0.5	<3	<3
581213	Rock	0.40	<2	<3	<2	69	4	<3	<1	<0.3	<1	<1	38	0.50	<2	<2	<2	<1	<0.5	<3	<3
581214	Rock	0.54	<2	<3	<2	7	11	<3	9	<0.3	2	<1	398	0.64	<2	<2	16	56	<0.5	<3	<3
581215	Rock	0.41	<2	<3	<2	30	89	17	58	0.7	4	4	339	1.35	<2	3	17	50	1.1	<3	<3
581216	Rock	0.44	<2	<3	<2	7	107	109	12	3.5	5	6	675	2.25	<2	<2	17	23	0.9	<3	78
581217	Rock	0.48	<2	<3	<2	48	63	4	40	<0.3	4	2	410	1.23	<2	2	17	63	<0.5	<3	<3
581218	Rock	0.67	<2	<3	<2	10	33	5	4	0.4	<1	<1	75	1.11	3	2	12	8	<0.5	<3	<3
581219	Rock	0.37	<2	<3	<2	5	73	<3	17	<0.3	3	2	237	3.02	<2	<2	16	18	1.5	<3	<3
581220	Rock	0.44	6	<3	<2	51	152	14	8	1.4	4	8	69	3.49	3	<2	<2	<1	1.2	<3	5
581221	Rock	0.54	<2	<3	<2	2	60	6	52	<0.3	1	4	559	4.02	<2	<2	13	11	1.4	4	<3
581222	Rock	0.84	<2	<3	<2	2	161	<3	23	<0.3	4	9	333	3.75	<2	<2	15	11	1.3	<3	<3
581223	Rock	0.40	<2	<3	<2	<1	9	<3	<1	<0.3	2	2	136	0.62	<2	<2	<2	<1	<0.5	<3	<3
581224	Rock	0.30	83	<3	<2	12	142	65	15	2.0	13	13	254	4.03	3	<2	8	3	1.0	<3	35
581225	Rock	0.23	<2	<3	<2	59	111	<3	37	<0.3	10	16	406	4.44	<2	<2	<2	108	1.9	4	<3
581226	Rock	0.41	12	<3	<2	2	4	3	3	<0.3	1	2	4012	4.62	31	<2	<2	126	2.3	4	<3
581227	Rock	0.59	56	<3	13	3	2312	<3	63	2.1	16	36	482	6.94	3	<2	<2	20	3.0	6	<3
581228	Rock	0.59	8	<3	9	<1	280	<3	19	0.4	5	11	243	3.45	<2	<2	<2	7	1.3	<3	<3
581229	Rock	0.51	2	<3	5	98	298	<3	9	1.6	56	26	108	6.78	3	<2	<2	2	2.1	<3	<3
581251	Rock	1.35	<2	<3	<2	<1	49	<3	31	<0.3	28	15	398	2.56	<2	<2	<2	24	1.3	<3	<3

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000255.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Sc	Ga
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm
	MDL	1	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	5	5
581201	Rock	22	0.29	<0.001	1	4	0.10	4	0.04	<20	0.36	<0.01	0.02	<2	<0.05	<5	<5
581202	Rock	20	0.53	0.004	<1	12	0.31	5	0.03	<20	0.61	0.03	0.02	<2	0.06	<5	<5
581203	Rock	91	1.08	0.055	<1	20	0.87	20	0.27	<20	1.30	0.10	0.08	<2	0.97	6	12
581204	Rock	3	0.01	0.004	3	2	0.02	52	<0.01	<20	0.28	0.03	0.26	<2	3.34	<5	<5
581205	Rock	<1	0.03	0.008	7	2	0.02	33	<0.01	<20	0.30	0.03	0.21	<2	0.26	<5	<5
581206	Rock	<1	0.16	0.005	7	5	0.02	20	<0.01	<20	0.22	0.04	0.15	<2	0.05	<5	<5
581207	Rock	3	<0.01	<0.001	<1	5	<0.01	10	<0.01	<20	0.06	<0.01	0.05	<2	3.04	<5	<5
581208	Rock	1	0.29	0.004	43	3	0.07	71	<0.01	<20	0.41	0.04	0.16	4	0.07	<5	<5
581209	Rock	10	0.02	0.003	1	7	0.04	6	<0.01	<20	0.13	0.01	0.03	18	0.06	<5	<5
581210	Rock	10	0.66	0.036	19	5	0.23	135	<0.01	<20	0.59	0.05	0.19	13	0.51	<5	<5
581211	Rock	54	0.80	0.049	2	30	0.47	55	0.17	<20	0.92	0.13	0.11	<2	1.04	6	7
581212	Rock	31	0.41	0.046	2	10	0.26	21	0.13	<20	0.48	0.09	0.11	<2	0.54	<5	7
581213	Rock	<1	<0.01	<0.001	<1	5	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2	<0.05	<5	<5
581214	Rock	4	1.22	0.032	34	4	0.07	308	<0.01	<20	0.44	0.04	0.23	16	0.11	<5	<5
581215	Rock	15	0.77	0.044	26	5	0.26	88	<0.01	<20	0.65	0.05	0.17	<2	0.22	<5	<5
581216	Rock	2	1.19	0.035	14	4	0.12	80	<0.01	<20	0.54	0.02	0.27	<2	0.86	<5	<5
581217	Rock	23	0.58	0.036	21	6	0.30	270	0.06	<20	0.66	0.08	0.38	<2	0.45	<5	<5
581218	Rock	2	0.10	0.034	15	3	0.11	61	<0.01	<20	0.52	0.03	0.22	<2	<0.05	<5	<5
581219	Rock	51	0.58	0.140	14	1	0.60	118	0.11	<20	1.58	0.08	0.04	<2	<0.05	7	7
581220	Rock	13	<0.01	<0.001	<1	6	0.05	<1	<0.01	<20	0.11	<0.01	<0.01	3	0.69	<5	<5
581221	Rock	62	0.39	0.131	23	<1	0.70	129	0.16	<20	1.28	0.07	0.19	<2	0.64	9	9
581222	Rock	57	0.45	0.142	15	2	0.88	154	0.15	<20	1.49	0.09	0.03	<2	0.88	7	11
581223	Rock	6	0.02	<0.001	<1	7	0.06	<1	<0.01	<20	0.07	<0.01	<0.01	<2	<0.05	<5	<5
581224	Rock	29	0.13	0.026	9	18	0.59	23	0.04	<20	0.86	<0.01	0.13	>100	0.10	<5	<5
581225	Rock	95	2.28	0.034	<1	15	1.09	59	0.07	<20	4.97	0.32	0.28	12	1.08	12	5
581226	Rock	10	20.68	<0.001	3	2	1.12	9	<0.01	<20	0.71	<0.01	0.01	<2	<0.05	6	<5
581227	Rock	82	0.71	0.082	<1	82	1.91	7	0.09	<20	2.97	0.06	<0.01	<2	1.16	8	<5
581228	Rock	116	0.25	0.023	<1	6	0.61	4	0.05	<20	1.01	0.01	<0.01	<2	0.54	<5	<5
581229	Rock	33	0.04	0.006	<1	17	0.20	2	<0.01	<20	0.33	<0.01	0.03	<2	4.27	<5	<5
581251	Rock	89	1.35	0.080	<1	27	0.83	22	0.24	<20	1.22	0.10	0.07	<2	<0.05	8	11

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000255.1

Method		WGHT	3B	3B	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
Unit		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	2	1	0.5	3	3
581252	Rock	1.44	<2	<3	<2	1	48	<3	31	<0.3	34	16	500	3.33	<2	<2	<2	12	1.9	4	<3
581253	Rock	0.91	<2	<3	<2	1	32	<3	72	<0.3	82	27	808	4.69	<2	<2	<2	106	1.8	<3	<3
581254	Rock	1.65	<2	<3	<2	1	42	5	9	<0.3	2	4	167	1.07	3	5	3	6	<0.5	<3	<3
581255	Rock	1.88	3	4	4	2	62	10	63	<0.3	44	23	564	5.19	4	<2	<2	65	<0.5	<3	<3
581256	Rock	2.22	<2	4	4	4	88	6	44	<0.3	19	15	434	3.41	5	<2	2	56	<0.5	<3	16
581257	Rock	1.19	3	<3	2	1	99	4	63	<0.3	20	19	496	4.79	3	<2	<2	99	<0.5	<3	<3
581258	Rock	1.09	<2	4	4	13	111	3	26	<0.3	4	13	298	3.25	<2	<2	<2	92	<0.5	<3	<3
581259	Rock	0.43	<2	<3	<2	<1	106	<3	26	<0.3	20	14	322	3.14	<2	<2	<2	107	<0.5	<3	<3
581260	Rock	0.95	<2	<3	<2	335	144	6	5	0.6	1	4	54	1.63	<2	<2	10	12	<0.5	<3	<3
581261	Rock	1.06	<2	<3	<2	3	5	10	4	<0.3	<1	<1	60	0.40	6	<2	13	5	<0.5	<3	<3
581262	Rock	1.08	13	<3	3	439	70	6	28	0.3	5	10	760	3.22	29	<2	<2	19	<0.5	<3	<3
581263	Rock	0.84	<2	<3	<2	3	79	8	66	<0.3	9	14	1101	5.14	<2	<2	<2	93	<0.5	<3	<3
581264	Rock	0.79	<2	<3	<2	5	109	<3	<1	<0.3	6	10	76	2.02	4	<2	<2	6	<0.5	<3	<3
581265	Rock	0.78	<2	<3	<2	7	231	<3	44	<0.3	9	35	566	6.26	4	<2	<2	105	<0.5	<3	<3
581266	Rock	0.29	31	<3	<2	1	425	3	12	0.9	15	53	68	5.04	35	<2	<2	<1	<0.5	<3	69
581267	Rock	0.55	<2	<3	<2	118	214	27	39	0.3	5	14	467	4.38	<2	<2	<2	54	<0.5	<3	430
581268	Rock	0.35	<2	<3	<2	6	122	8	27	<0.3	9	17	358	3.57	<2	<2	<2	112	<0.5	<3	<3
581269	Rock	0.62	<2	<3	<2	5	236	<3	27	<0.3	8	18	292	3.58	<2	<2	<2	76	<0.5	<3	<3
581270	Rock	0.69	<2	<3	<2	2	39	4	43	<0.3	23	19	637	4.11	9	<2	<2	76	<0.5	<3	<3
581271	Rock	0.93	<2	<3	<2	18	44	11	4	<0.3	2	4	104	1.23	6	<2	9	11	<0.5	<3	<3
581272	Rock	0.66	<2	<3	3	2	37	5	29	<0.3	10	9	717	2.37	3	<2	<2	40	<0.5	<3	<3
581273	Rock	0.59	<2	<3	<2	1	20	<3	39	<0.3	1	11	569	4.74	<2	<2	10	24	<0.5	<3	<3
581274	Rock	1.09	4	<3	<2	3	1004	<3	82	<0.3	90	103	415	9.38	<2	<2	<2	67	<0.5	<3	<3
581275	Rock	0.37	6	<3	<2	1	212	81	124	2.0	10	14	470	4.27	19	<2	3	32	1.4	<3	<3
581276	Rock	0.49	<2	<3	4	<1	10	6	64	<0.3	12	15	740	4.66	3	<2	<2	26	<0.5	<3	<3
581277	Rock	1.24	12	5	3	16	2898	7	55	2.2	32	24	665	3.12	21	<2	<2	56	1.0	15	<3
581278	Rock	0.75	208	<3	<2	20	9	34	<1	<0.3	2	1	67	1.30	1434	<2	<2	2	<0.5	<3	4
581279	Rock	0.66	<2	<3	<2	9	8	15	<1	<0.3	<1	<1	107	0.53	9	<2	10	2	<0.5	<3	<3
581280	Rock	0.55	<2	<3	<2	1	19	10	57	<0.3	2	2	404	0.58	7	<2	18	10	1.8	<3	<3
581281	Rock	0.52	<2	<3	<2	<1	56	14	43	<0.3	5	3	407	1.29	<2	<2	17	17	<0.5	<3	<3

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000255.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Sc	Ga
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm
	MDL	1	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	5	5
581252	Rock	124	1.94	0.054	2	72	1.07	86	0.21	<20	2.61	0.07	0.09	<2	0.14	<5	10
581253	Rock	35	1.26	0.196	19	20	2.71	200	0.08	<20	1.81	0.27	0.06	<2	<0.05	<5	<5
581254	Rock	8	0.36	0.008	12	3	0.16	43	<0.01	<20	0.52	0.07	0.13	<2	<0.05	<5	<5
581255	Rock	131	2.13	0.058	2	60	2.39	155	0.16	<20	4.71	0.34	0.70	<2	0.12	20	13
581256	Rock	72	1.85	0.077	6	18	0.95	151	0.18	<20	3.19	0.36	0.37	19	0.68	5	9
581257	Rock	121	2.46	0.052	<1	28	1.66	48	0.16	<20	5.22	0.41	0.21	6	1.10	8	13
581258	Rock	79	1.62	0.035	<1	10	0.72	21	0.10	<20	3.41	0.26	0.10	<2	0.55	8	8
581259	Rock	68	2.06	0.049	5	14	0.85	20	0.17	<20	3.57	0.42	0.14	2	0.75	<5	10
581260	Rock	10	0.06	0.019	5	5	0.08	56	0.02	<20	0.34	0.07	0.17	7	0.37	<5	<5
581261	Rock	<1	0.05	0.004	8	6	0.03	47	<0.01	<20	0.27	0.04	0.15	<2	<0.05	<5	<5
581262	Rock	47	1.40	0.018	2	13	0.91	15	<0.01	<20	1.33	0.03	0.12	<2	0.42	6	<5
581263	Rock	157	3.82	0.051	2	29	2.25	21	0.07	<20	5.36	0.40	0.05	<2	0.40	28	15
581264	Rock	7	0.34	0.005	<1	10	0.06	4	<0.01	<20	0.20	<0.01	0.05	86	1.11	<5	<5
581265	Rock	121	2.74	0.047	<1	9	1.33	25	0.08	<20	5.36	0.43	0.04	16	2.59	12	13
581266	Rock	2	0.03	0.002	<1	13	0.03	5	<0.01	<20	0.16	<0.01	0.02	28	3.04	<5	<5
581267	Rock	92	2.03	0.042	<1	12	0.94	48	0.12	<20	3.54	0.42	0.18	17	1.53	12	10
581268	Rock	66	4.06	0.050	<1	12	0.87	14	0.08	<20	6.69	0.55	0.04	9	0.79	9	14
581269	Rock	73	2.46	0.032	<1	15	0.59	25	0.08	<20	4.24	0.45	0.11	10	1.36	9	10
581270	Rock	120	3.18	0.039	6	36	2.10	51	0.08	<20	4.12	0.39	0.25	<2	0.46	17	11
581271	Rock	9	0.28	0.008	8	6	0.12	51	<0.01	<20	0.49	0.07	0.12	<2	0.14	<5	<5
581272	Rock	65	3.88	0.008	2	46	1.14	13	0.02	<20	1.51	0.03	0.07	4	0.06	6	<5
581273	Rock	73	0.88	0.137	21	3	1.01	162	0.27	<20	2.22	0.09	0.18	<2	0.12	8	11
581274	Rock	211	1.64	0.100	<1	99	1.36	47	0.36	<20	3.31	0.27	0.11	<2	4.17	15	8
581275	Rock	119	1.05	0.122	9	72	1.18	46	0.29	<20	2.10	0.20	0.11	<2	0.54	10	8
581276	Rock	128	1.29	0.034	2	50	2.22	64	0.11	<20	3.09	0.06	0.14	<2	<0.05	20	8
581277	Rock	62	2.71	0.047	5	44	0.91	30	0.17	<20	1.86	0.21	0.09	2	1.50	5	<5
581278	Rock	2	0.02	0.002	<1	17	0.02	8	<0.01	<20	0.05	<0.01	0.03	<2	0.35	<5	<5
581279	Rock	<1	0.02	0.002	4	6	0.02	10	<0.01	<20	0.22	0.07	0.13	<2	0.06	<5	<5
581280	Rock	<1	0.08	0.009	20	4	0.02	56	<0.01	<20	0.33	0.07	0.18	<2	<0.05	<5	<5
581281	Rock	10	0.17	0.038	30	6	0.21	93	<0.01	<20	0.65	0.06	0.18	<2	0.09	<5	<5

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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000255.1

Method		WGHT	3B	3B	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
Unit		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	2	1	0.5	3	3
581282	Rock	0.63	<2	<3	<2	3	52	3	30	<0.3	<1	5	287	4.04	5	<2	11	13	<0.5	<3	<3
581283	Rock	0.74	<2	<3	<2	3	33	<3	13	<0.3	5	3	195	2.30	3	<2	<2	6	<0.5	<3	<3
581284	Rock	0.89	<2	<3	<2	5	91	<3	2	<0.3	22	14	133	1.83	<2	<2	<2	217	<0.5	<3	<3
581285	Rock	0.51	<2	<3	<2	34	118	9	19	<0.3	8	3	435	0.82	2	<2	15	193	<0.5	<3	5
581286	Rock	0.58	2	<3	<2	<1	14	46	41	0.4	<1	<1	73	0.67	13	<2	10	6	<0.5	<3	<3
581287	Rock	0.79	3	<3	<2	<1	45	<3	55	<0.3	28	22	523	3.29	20	<2	<2	23	<0.5	<3	<3
581288	Rock	0.43	<2	<3	<2	2	50	<3	32	<0.3	<1	4	527	3.45	<2	<2	8	13	<0.5	<3	<3
581289	Rock	0.68	5	<3	<2	1	144	10	42	<0.3	6	18	381	4.72	2	<2	3	60	<0.5	<3	<3

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Project: Eikland Mountain
Report Date: August 21, 2013

CERTIFICATE OF ANALYSIS WHI13000255.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Sc	Ga
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm
	MDL	1	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	5	5
581282	Rock	55	0.45	0.121	20	3	0.59	135	0.19	<20	1.16	0.08	0.20	<2	0.75	8	<5
581283	Rock	36	0.16	0.047	5	11	0.35	44	0.09	<20	0.66	0.03	0.07	<2	0.14	<5	<5
581284	Rock	30	3.79	0.064	1	20	0.32	48	0.24	<20	4.81	0.40	0.12	<2	0.92	<5	11
581285	Rock	18	5.16	0.171	35	<1	0.38	69	0.10	<20	4.90	0.19	0.05	>100	0.48	<5	11
581286	Rock	<1	0.11	0.009	6	3	0.02	33	<0.01	<20	0.37	0.05	0.22	15	<0.05	<5	<5
581287	Rock	113	1.57	0.052	<1	45	1.47	17	0.25	<20	1.90	0.10	0.07	5	<0.05	11	7
581288	Rock	29	1.07	0.099	17	4	0.73	49	0.05	<20	1.18	0.07	0.12	2	0.20	<5	<5
581289	Rock	145	1.87	0.106	7	4	1.17	151	0.21	<20	4.29	0.46	0.24	75	1.47	10	13

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Project: Eikland Mountain
Report Date: August 21, 2013

QUALITY CONTROL REPORT WHI13000255.1

	Method	WGHT	3B	3B	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	2	2	1	0.5	3	3
Pulp Duplicates																					
581201	Rock	0.51	<2	<3	5	2	59	<3	3	<0.3	2	4	74	1.01	2	3	<2	4	<0.5	<3	<3
REP 581201	QC					2	60	<3	3	<0.3	2	4	75	1.03	<2	<2	<2	4	<0.5	<3	<3
581219	Rock	0.37	<2	<3	<2	5	73	<3	17	<0.3	3	2	237	3.02	<2	<2	16	18	1.5	<3	<3
REP 581219	QC		<2	<3	<2																
REP 581227	QC		48	<3	14																
581257	Rock	1.19	3	<3	2	1	99	4	63	<0.3	20	19	496	4.79	3	<2	<2	99	<0.5	<3	<3
REP 581257	QC					1	100	6	65	<0.3	20	20	505	4.88	2	<2	<2	101	<0.5	<3	<3
581274	Rock	1.09	4	<3	<2	3	1004	<3	82	<0.3	90	103	415	9.38	<2	<2	<2	67	<0.5	<3	<3
REP 581274	QC		3	<3	<2																
581289	Rock	0.68	5	<3	<2	1	144	10	42	<0.3	6	18	381	4.72	2	<2	3	60	<0.5	<3	<3
REP 581289	QC		4	<3	<2																
Core Reject Duplicates																					
581227	Rock	0.59	56	<3	13	3	2312	<3	63	2.1	16	36	482	6.94	3	<2	<2	20	3.0	6	<3
DUP 581227	QC		46	<3	14	4	2429	<3	64	2.0	17	38	514	7.24	3	<2	<2	21	3.5	4	<3
581282	Rock	0.63	<2	<3	<2	3	52	3	30	<0.3	<1	5	287	4.04	5	<2	11	13	<0.5	<3	<3
DUP 581282	QC		<2	<3	<2	3	52	6	30	<0.3	<1	5	293	4.10	5	<2	11	12	<0.5	<3	<3
Reference Materials																					
STD CDN-PGMS-23	Standard		449	441	1941																
STD CDN-PGMS-19	Standard		228	97	457																
STD CDN-PGMS-19	Standard		229	126	493																
STD DS9	Standard					13	105	137	334	1.6	38	7	594	2.42	28	<2	5	71	2.3	4	6
STD DS9	Standard					11	111	114	321	1.5	40	5	599	2.40	17	<2	6	66	3.2	7	<3
STD OREAS45EA	Standard					4	696	14	22	<0.3	402	54	418	24.99	9	<2	9	4	<0.5	<3	<3
STD OREAS45EA	Standard					4	658	8	31	0.7	371	49	405	22.84	8	<2	8	4	7.1	11	<3
STD PD1	Standard		517	436	530																
STD PD1	Standard		506	446	523																
STD PD1	Standard		552	490	581																
STD CDN-PGMS-23			496	456	2032																

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Project: Eikland Mountain
Report Date: August 21, 2013

QUALITY CONTROL REPORT WHI13000255.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Sc	Ga
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm
	MDL	1	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	5	5
Pulp Duplicates																	
581201	Rock	22	0.29	<0.001	1	4	0.10	4	0.04	<20	0.36	<0.01	0.02	<2	<0.05	<5	<5
REP 581201	QC	22	0.29	<0.001	1	7	0.10	4	0.04	<20	0.36	<0.01	0.02	<2	<0.05	<5	<5
581219	Rock	51	0.58	0.140	14	1	0.60	118	0.11	<20	1.58	0.08	0.04	<2	<0.05	7	7
REP 581219	QC																
REP 581227	QC																
581257	Rock	121	2.46	0.052	<1	28	1.66	48	0.16	<20	5.22	0.41	0.21	6	1.10	8	13
REP 581257	QC	124	2.49	0.053	<1	29	1.72	49	0.16	<20	5.47	0.42	0.22	5	1.13	8	13
581274	Rock	211	1.64	0.100	<1	99	1.36	47	0.36	<20	3.31	0.27	0.11	<2	4.17	15	8
REP 581274	QC																
581289	Rock	145	1.87	0.106	7	4	1.17	151	0.21	<20	4.29	0.46	0.24	75	1.47	10	13
REP 581289	QC																
Core Reject Duplicates																	
581227	Rock	82	0.71	0.082	<1	82	1.91	7	0.09	<20	2.97	0.06	<0.01	<2	1.16	8	<5
DUP 581227	QC	84	0.75	0.085	<1	87	2.03	6	0.09	<20	3.08	0.06	<0.01	<2	1.22	8	<5
581282	Rock	55	0.45	0.121	20	3	0.59	135	0.19	<20	1.16	0.08	0.20	<2	0.75	8	<5
DUP 581282	QC	55	0.44	0.122	20	4	0.60	132	0.18	<20	1.16	0.08	0.19	<2	0.74	7	<5
Reference Materials																	
STD CDN-PGMS-23	Standard																
STD CDN-PGMS-19	Standard																
STD CDN-PGMS-19	Standard																
STD DS9	Standard	39	0.73	0.082	11	113	0.63	336	0.11	<20	0.96	0.08	0.42	4	0.16	<5	<5
STD DS9	Standard	40	0.71	0.084	11	120	0.62	329	0.10	<20	0.93	0.08	0.40	2	0.19	<5	7
STD OREAS45EA	Standard	315	0.03	0.030	7	909	0.10	153	0.09	<20	3.34	0.02	0.05	<2	<0.05	90	<5
STD OREAS45EA	Standard	303	0.03	0.029	8	831	0.09	142	0.09	<20	3.05	0.02	0.05	<2	<0.05	83	<5
STD PD1	Standard																
STD PD1	Standard																
STD PD1	Standard																
STD CDN-PGMS-23																	

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Project: Eikland Mountain
Report Date: August 21, 2013

QUALITY CONTROL REPORT WHI13000255.1

		WGHT Wgt kg 0.01	3B Au ppb 2	3B Pt ppb 3	3B Pd ppb 2	1D Mo ppm 1	1D Cu ppm 1	1D Pb ppm 3	1D Zn ppm 1	1D Ag ppm 0.3	1D Ni ppm 1	1D Co ppm 1	1D Mn ppm 2	1D Fe % 0.01	1D As ppm 2	1D Au ppm 2	1D Th ppm 2	1D Sr ppm 1	1D Cd ppm 0.5	1D Sb ppm 3	1D Bi ppm 3
STD CDN-PGMS-19			230	108	476																
STD DS9 Expected						12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	0.118	6.38	69.6	2.4	4.94	6.32
STD OREAS45EA Expected						1.78	709	14.3	30.6	0.311	357	52	400	22.65	11.4	0.053	10.7	4.05			
STD PD1 Expected			542	456	563																
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank					<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<2	<1	<0.5	<3	<3
BLK	Blank					<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<2	<1	<0.5	<3	<3
BLK	Blank		<2	<3	<2																
Prep Wash																					
G1-WHI	Prep Blank		<2	<3	<2	<1	2	4	44	<0.3	2	1	605	1.97	<2	<2	5	63	0.7	4	<3
G1-WHI	Prep Blank		<2	<3	<2	<1	<1	<3	44	<0.3	3	1	611	2.10	<2	<2	5	65	0.7	4	<3

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		1D V ppm 1	1D Ca % 0.01	1D P % 0.001	1D La ppm 1	1D Cr ppm 1	1D Mg % 0.01	1D Ba ppm 1	1D Ti % 0.01	1D B ppm 20	1D Al % 0.01	1D Na % 0.01	1D K % 0.01	1D W ppm 2	1D S % 0.05	1D Sc ppm 5	1D Ga ppm 5
STD CDN-PGMS-19																	
STD DS9 Expected		40	0.7201	0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.1615	2.5	4.59
STD OREAS45EA Expected		295	0.032	0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		0.044	78	11.7
STD PD1 Expected																	
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank	<1	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2	<0.05	<5	<5
BLK	Blank	<1	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2	<0.05	<5	<5
BLK	Blank																
Prep Wash																	
G1-WHI	Prep Blank	37	0.52	0.071	12	5	0.48	157	0.12	<20	0.96	0.11	0.49	<2	<0.05	<5	8
G1-WHI	Prep Blank	39	0.65	0.073	13	5	0.57	167	0.12	<20	1.05	0.12	0.50	<2	<0.05	<5	9