

Geological and Geochemical Report On the Summit Property

Watson Lake Mining District

Yukon Territory

NTS: 105I06

UTM: 9N 482590 m E 6908000 m N

LAT/LONG: 62° 17' N 129° 19' W

Claim Name & Number	Grant Numbers
SUMMIT 1 – SUMMIT 86	YD01931 – YD02016

For

Goldstrike Resources Ltd.

Staked By: Goldspike Exploration Inc.

Work Done: August 2, 2011 – August 7, 2011

Work Conducted By: Druid Exploration

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Date: May 29, 2012

GEOLOGICAL AND GEOCHEMICAL REPORT ON THE SUMMIT PROPERTY GOLDSTRIKE RESOURCES LTD., YUKON TERRITORY

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1. SUMMARY

A reconnaissance prospecting, mapping, soil, silts and rock sampling program was carried out on the Summit Property from August 2, 2011 – August 7, 2011. Two hundred seventy-one (271) samples were taken over this period of time: 63 rock, 3 silt and 205 soil samples. The property consists of 86 quartz claims and is located in the Selwyn Mountains close to the Northwest Territories border. The nearest town, Tungsten, is approximately 65 kilometres to the northwest.

Prospectors and geologists traversed the property taking samples, structural observations and pictures. Soil samplers took samples at predefined locations derived from geophysics, geochemistry, satellite imagery and topography. Dutch Augers were used to take soil samples and the C Horizon was targeted.

The Summit Property contains Upper Proterozoic-Lower Cambrian sediments and is bisected by a regional-scale northwest-plunging Anticlinorium. Rock and soil sampling revealed a number of areas anomalous for gold, lead and zinc. Gold and lead are found to be proximal to the northwest-plunging anticlinorium that bisects the Summit Property, while the zinc soil anomalies tended to be concentrated near the southern boundary of the Summit Property.

The structural setting of gold mineralization is proximal to the northwest plunging anticline. These anomalous soil samples demonstrate moderate to weak gold correlations to arsenic, antimony and mercury; and returned silver values commonly below the detection limit (<0.1 ppm). Only one rock grab sample was mapped on the upslope of the soil samples that exhibited gold anomalies ≥ 60.6 ppb: 1216328. This rock sample does not have a large gold content (19 ppb Au-fire assay value) and is mapped as a limestone with blocky clasts of slate and shale along, and within, foliations. East of these samples a 5.295 g/t gold (5,295 ppb Au) rock grab sample was collected. This sample (1216211) was taken *in situ* and is described as ferricrete with clasts of shale, quartz-siltstone and orange rust throughout. To the north of the anticline and the anomalous soil samples is an intermediate to mafic intrusion (rock samples 1215103 and 1215104). To the south of the anticlinal fold, brecciated rocks are also found (1216307 and 1216207). The presence of folded miogeoclinal sequences, anticlinal structure, felsic magmatism, breccias, silty limestone and soil signatures of Au-As-Sb-Hg with low Ag indicate the potential for Carlin-style gold mineralization.

Anomalous lead and zinc soil anomalies are also located within the Summit Property boundary. The lead soil anomalies weakly correlate with gold and are found mainly southeast of the anticline that bisects the property. The zinc soil anomalies are concentrated in the south along the property boundary. Lead and zinc are very weakly correlated in the soil samples and are not expected to represent SEDEX-style mineralization.

Based on the 2011 field observations and examination of the results a trenching, soil sampling, detailed mapping, prospecting, and the development of a Quality Assurance/Quality Control (QA/QC) program for the Summit Property is recommended. Trenching and soil gridding is recommended to further examine the potential for economic gold mineralization south of the anticline. In addition, small soil sampling/prospecting programs over the anomalous gold soil sample areas located north of the anticline are also recommended. Future follow-ups may also be conducted on the zinc soil anomalies that occur along the southern border of the Summit Claims. The total proposed 2012 exploration program budget is \$278,000.

2. INTRODUCTION AND TERMS OF REFERENCE

Goldstrike Resources Ltd. (Goldstrike) contracted Druid Exploration Inc. to conduct a property-scale bedrock mapping and sampling program of the Summit Property.

It is understood that this report may be required for material disclosure. Prior to the field visit, the authors acquired and reviewed the historical information including published and unpublished reports and personal files summarizing previous exploration work on the property.

This report is supplemented by published and available studies that document bedrock mapping and geological fieldwork conducted by the Geological Survey of Canada and the Geological Survey Branch of the territorial Yukon Geological Survey.

3. PROPERTY DESCRIPTION AND LOCATION

3.1 Accessibility and Infrastructure

The Summit Property is located within the Watson Lake Mining District and is centred approximately 16 kilometres south-southwest of Howard's Pass (Zn-Pb SEDEX deposit), 206 kilometres east of Faro, 240 km north of Watson Lake and 350 km northeast of Whitehorse (Figure 1). Faro is accessible by the Campbell Highway and has a government-maintained 4,000' by 100' gravel runway, plus has a float plane base at the adjacently located Johnson Lake (6,000'). Tungsten, NWT (Cantung minesite) is located 65 northwest and also has an airstrip that may be used with prior permission.

The property is accessible via helicopter from the town of Faro or Tungsten. Helicopter charters are available via numerous companies based in Whitehorse. Whitehorse is situated along Highway 16 and has a district population in excess of 30,000. Most services and supplies are available in this resource-based community.

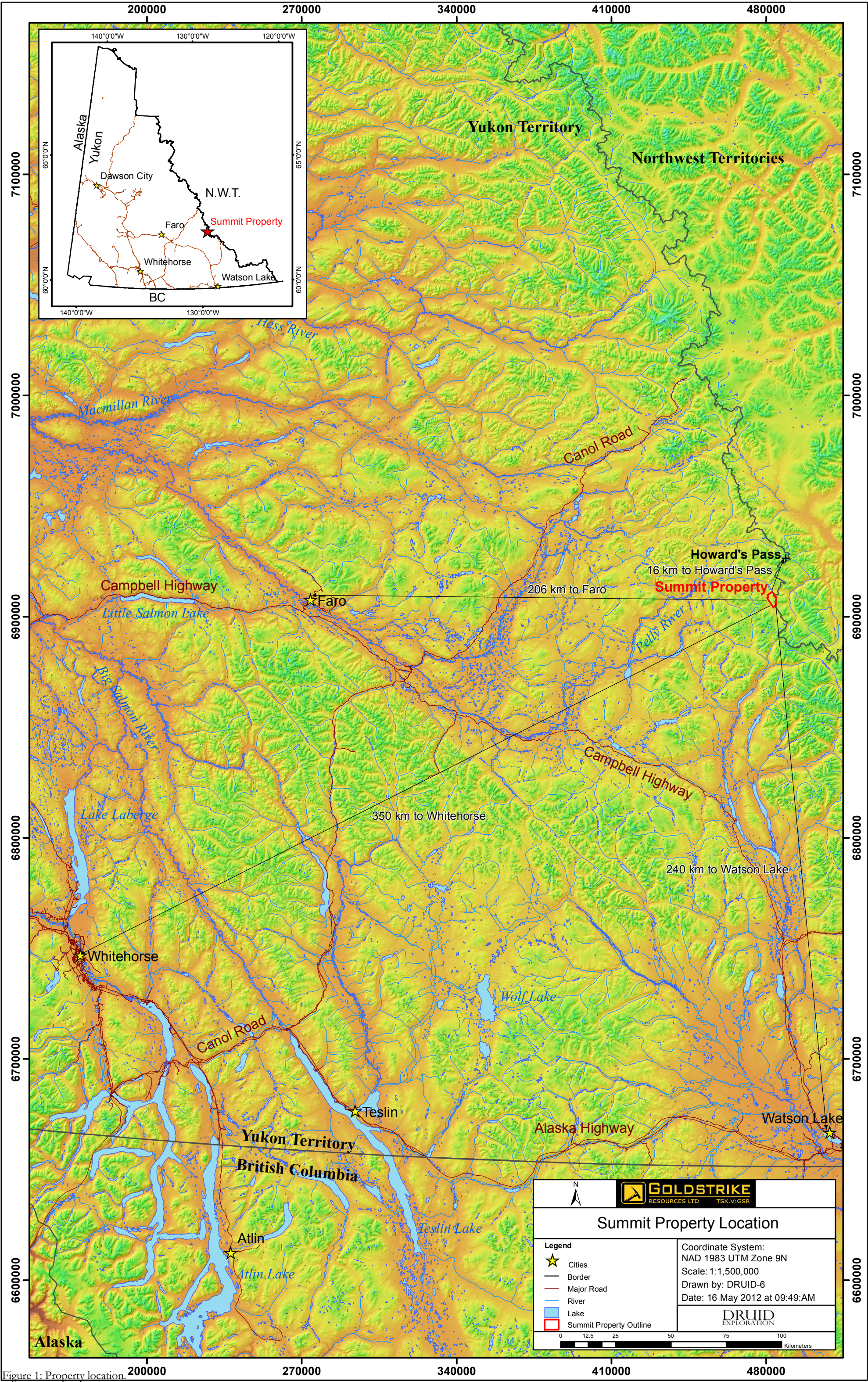


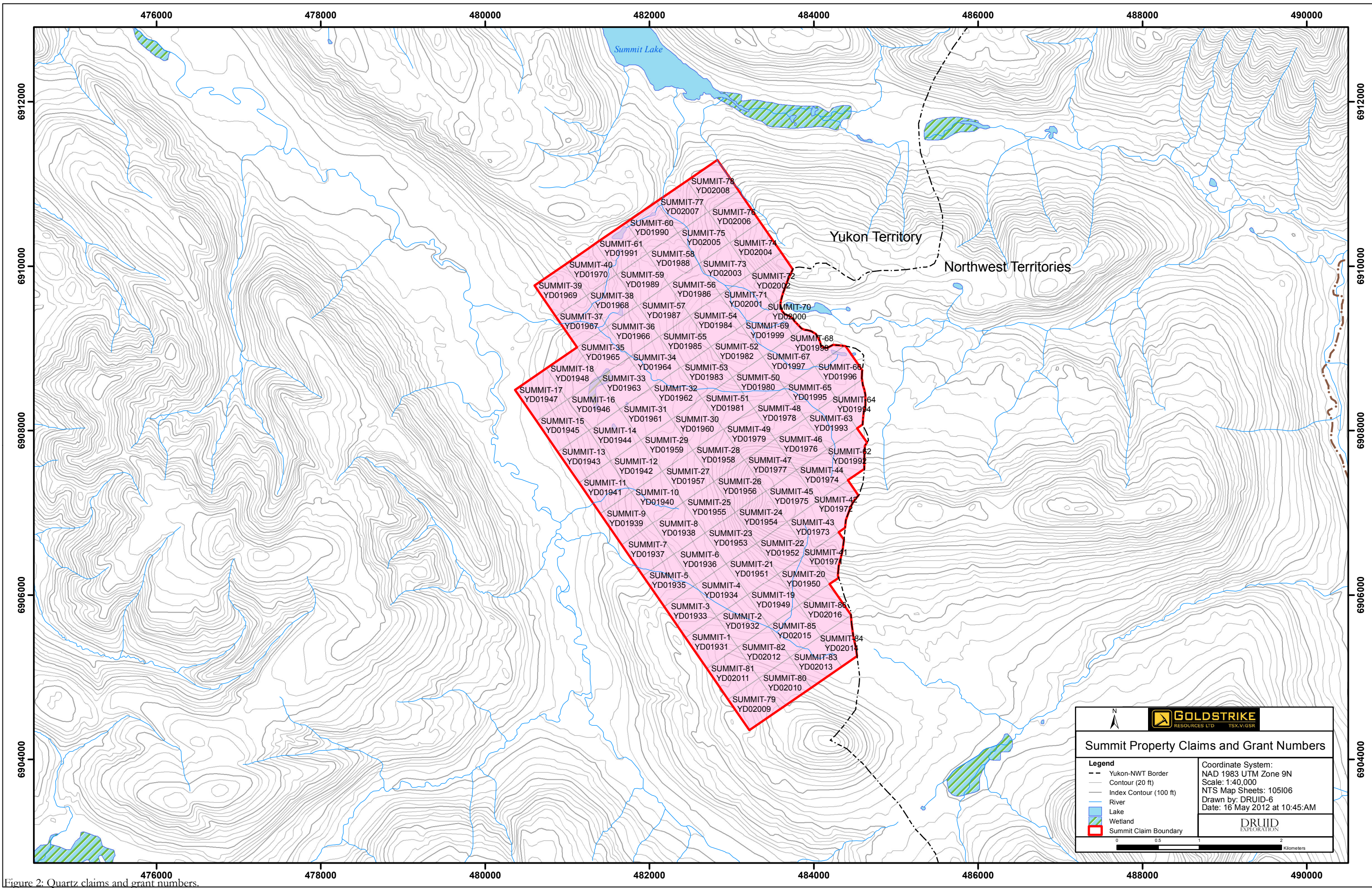
Figure 1: Property location.

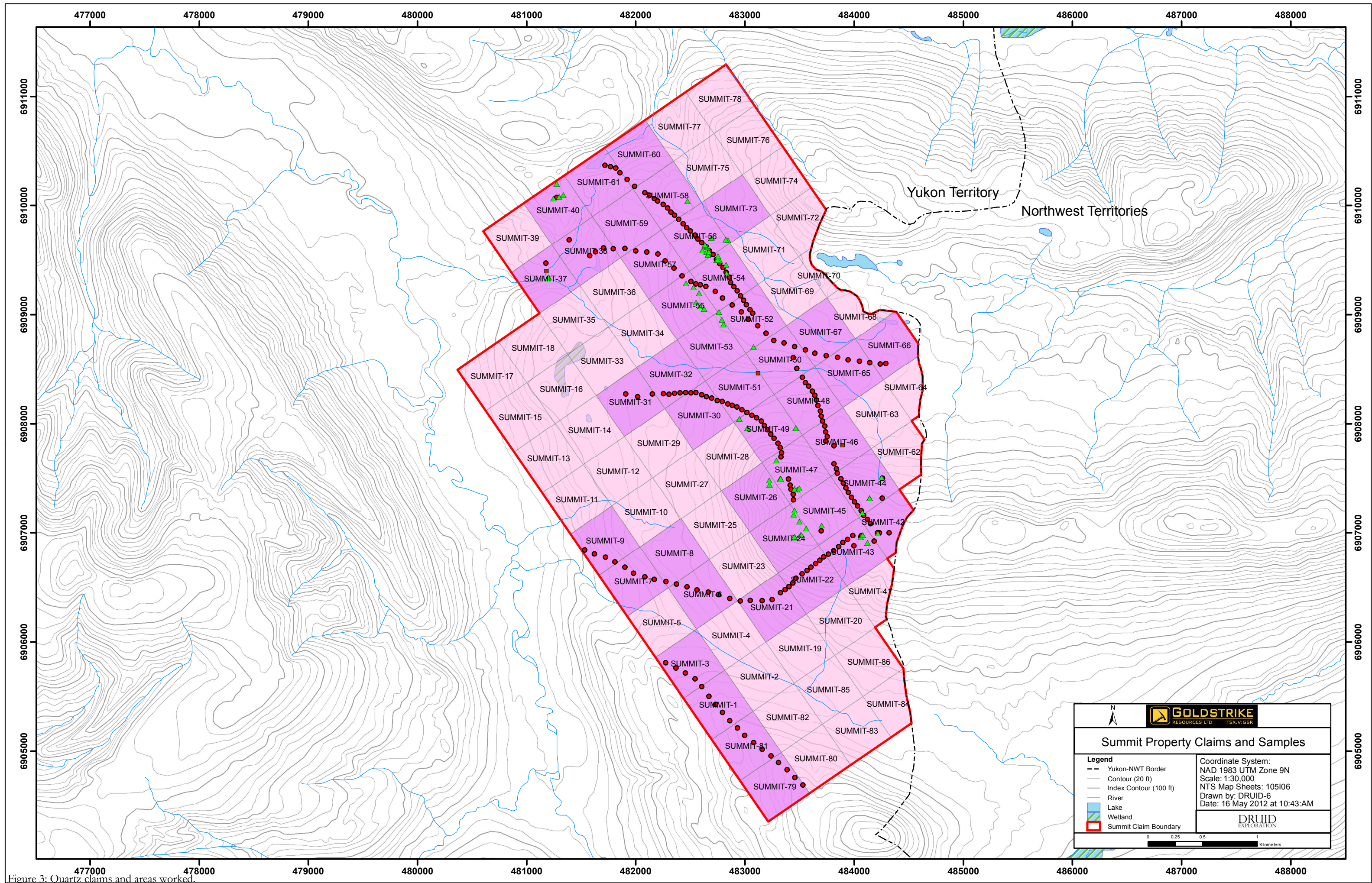
3.2 Quartz Claim Information

The Summit Property is comprised of 86 contiguous mineral tenures (Figure 2). The quartz claims cover 1,719.57 hectares of land within NTS map sheet 105I06. The property is located between latitudes 62° 19' 55" and 62° 16' 15" North and longitudes 129° 22' 39" and 129° 17' 48" West. The centre of the claim block is located at 62° 18' 01" North and 129° 19' 49" West. The nearest quartz claims are the Bearing Resources Ltd. quartz claims located 6 km south; 15 kilometres to the west are Terrence King's Gull quartz claims and 11 km to the north are Expatriate Resources Ltd. Candyman quartz claims. All of the Summit Property quartz claims are 100%-owned by Goldspike Exploration Inc. and are currently held under option agreement with Goldstrike Resources Ltd. Forty-two (42) claims were worked during the 2011 field season by geologists, prospectors and soil samplers (Figure 3). The anniversary dates of the claims are listed in Table 1.

Table 1: Quartz claims and status as of May 28, 2012.

<i>Claim Name</i>	<i>Claim Number</i>	<i>Grant Number</i>	<i>Number of Claims</i>	<i>Staking Date</i>	<i>Expiry Date</i>	<i>Claim Holder</i>	<i>Operator</i>	<i>Claims Worked</i>	<i>Dates Claims Worked</i>	<i>Samples Taken</i>
SUMMIT	1-86	YD1931 to YD02016	86	04/11/2010 to 07/11/2010 & 17/11/2010 to 21/11/2010	30/11/2016	Goldspike Exploration Inc.. - 100%	Goldstrike Resources Ltd.	1,3,6- 9,21,22, 24,26,3 0- 32,37,3 8, 40,42,4 3-61,65- 67,73,7 9, 81	02/08/2011 to 07/08/2011	63 rock 205 soil 3 silt
Total Claims:			86	Total Claims Worked:				42		





3.3 Physiography and Climate

The Summit Property is located within the Selwyn Mountains Ecoregion of the Taiga Cordillera Ecozone along the southeastern border of the Yukon Territory and the Northwest Territories. The characteristics of this ecoregion include rugged, high-elevation mountain ranges with alpine glaciers. The Summit Property occupies the Logan Mountains physiographic region. The Logan Mountains drain west via the Pelly River into the Yukon River Watershed and south, via tributaries of the Frances, Hyland and Coal Rivers, into the Liard (Mackenzie River) Watershed (Smith et al., 2004).

The surficial geologic material of this area ranges from till blankets or veneers to rock alpine complexes. The last glacial deposit occurred during the McConnell maximum of the Cordilleran Ice Sheet. The soil type within this ecoregion is Brunisol - a mildly weathered mineral soil that commonly forms under forest cover and grasslands in southwest and central Yukon. The most common group within this area is Eutric Brunisol, which has pH in the surface soil of >5.5 ; Dystric Brunisols are less common acidic subalpine and alpine soils with a pH <5.5 . Ash deposits from the Mount Churchill (Wrangell Mountains, Alaska) eruptions can also be found in >1 cm deposit widths (Smith et al., 2004).

Elevations range from approximately 1140 ft above sea level at the western border of the Summit Property to over 1860 ft near the centre of the property. The most notable topographic feature in the area is Summit Lake which is located 0.75 km north of the property boundary.

The Selwyn Mountains Ecoregion ranges from boreal forests to alpine tundras; talus slopes are also common at higher elevations. Shrub birch, pine, white spruce, and subalpine fir with lichen understories dominate the subalpine regions. Lichen-grass ground cover, interspersed with exposed rock and soil dominates higher elevations, whereas dwarf shrub communities exist with crowberry, alpine blueberry, grasses, sagewort, gentian, feathermoss, plus *Cetraria* and reindeer lichens on slopes and ridges at lower elevations. A large diversity of wildlife also inhabits this ecoregion including two herds of woodland caribou: Tay River herd and the Finlayson herd. The Nahanni herd also ranges within this area. These woodland caribou are known to live within the alpine block of the upper Hyland and Coal watersheds within the Yukon and use a large wintering area within and south of the Nahanni National Park in the Northwest Territories [the most northern reach of Hyland River is >20 km south of the Summit Property Boundary] (Smith et al., 2004).

Mineral exploration and staking may be conducted on a year round basis. The climate is typical of the Central Interior of Yukon Territory with long cold winters and brief warm summers. Summer temperatures average a daytime high of 30°C in the valleys to 15°C in alpine areas. October through April has average sub-zero temperatures with average daily lows reaching -55°C to -30°C from November through March. The annual precipitation ranges from 30 mm (February to April) to 90 mm (July and August). The permafrost zone is widespread discontinuous (50-90%) and may be continuous at 1450 m asl within the southern Selwyn Mountain Ecoregion (Smith et al., 2004).

4. EXPLORATION HISTORY

This region has been explored for zinc-lead-silver sedimentary exhalative (SEDEX) deposits since the 1970's and resulted in the discovery of the world-class Howard's Pass District that straddles the border between the Yukon and Northwest Territories. The Howard's Pass Property is located 16 km north of the Summit Property and contains an indicated resource of 5.45% zinc and 1.83% lead for metal contents of 20.91 billion pounds of zinc and 7.33 billion pounds of lead (Selwyn Resources,

2012). The nearest MINFILE occurrence, 105I 029 SUMMIT, is found 2.5 km north of the Summit Property boundary.

The SUMMIT anomaly is thought to be related to zinc-lead-silver sedimentary exhalative deposits. Claims staked near this anomaly include the PRO claims by Cons Nicholson ML 6 km southwest (Taylor, 1973a) and the Ore claims by Highland Mercury ML on the southwest shore of Summit Lake (Taylor, 1973b). Widely dispersed and seemingly isolated lead-zinc geochemical anomalies were located within the Ore group of claims. No previous work has been found to have occurred within the current Summit Claim boundary.

5. GEOLOGICAL SETTING

5.1 Regional Geology

The Summit Property is located within the Selwyn Basin Miogeocline. This region is comprised of deep-water off-shelf sediments that persisted from the Late Precambrian to Middle Devonian. The spatial extents of the Selwyn Basin include bounding by the Dawson Fault to the north, gradation into platform facies to the east and southwest with the Cassiar Platform and may be bounded by the Mesozoic thrust fault that separates the Selwyn Basin from the Yukon-Tanana Terrane in the Anvil District and offsets it to the southwest by the Tintina Fault. The Selwyn Basin is renowned for its world-class sedimentary exhalative (SEDEX) deposit of zinc, lead, and silver (plus minor barite) deposits such as: the Faro (Anvil District), Howard's Pass plus the Tom and Jason deposits of the Macmillan Pass. The host rocks for these deposits are comprised of Cambrian to Devonian aged rocks of the Selwyn Basin and Earn Group (Héon, 2003).

Three groups of rocks dominate the Summit Property region: the Road River-Richardson Group, the Earn Group and the Hyland Group (Figure 4). The Road River-Richardson Group consists of Mid Ordovician to Lower Devonian black shale, chert and limestone. This group is composed of two formations: the basal, dark-weathering Duo Lake Formation and the overlying tan to orange-weathering Steel Formation. The Earn Group is the remnants of a regional marine transgression event. This group can be divided into two units separated by an unconformity: the Lower to Middle Devonian Portrait Lake chert and shale unit and the overlying Upper Devonian to Mississippian coarse clastic Prevost Formation. The final group, Hyland, is the oldest exposed unit of the Selwyn Basin. This unit is comprised of two formations: the underlying coarse-grained quartz-rich turbidite succession and interbedded shale of the Yusezyu Formation and the overlying maroon to dark grey and green shale and limestone of the Narchilla Formation (Héon, 2003).

The stratigraphy of Summit Lake region includes: a basement of Cambrian slate plus phyllite overlain by Upper Cambrian limestone to dolomitic siltstone and topped by Mississippian black shale and argillite. The basement rocks of this area is composed of Cambrian (an earlier) slate plus phyllite with minor siltstone and quartzite. The basement is unconformable (?) overlain by Upper Cambrian and Ordovician (?) limestone, dolomitic siltstone and silty dolomite with minor basal silty dolomite and quartzite. Devonian (?) and Mississippian black shale and argillite, minor brown sandstone and siltstone, plus banded chert and chert pebble conglomerate overlay the dolomitic siltstone and limestone layer. In a few areas, the base of the Devonian comprises Upper Ordovician and Silurian black graptolitic shale and argillaceous limestone with minor black chert, cherty argillite and dolomite. The folding within this area trends towards a northwesterly direction with sub-parallel to parallel cleavage (Taylor, 1973b).

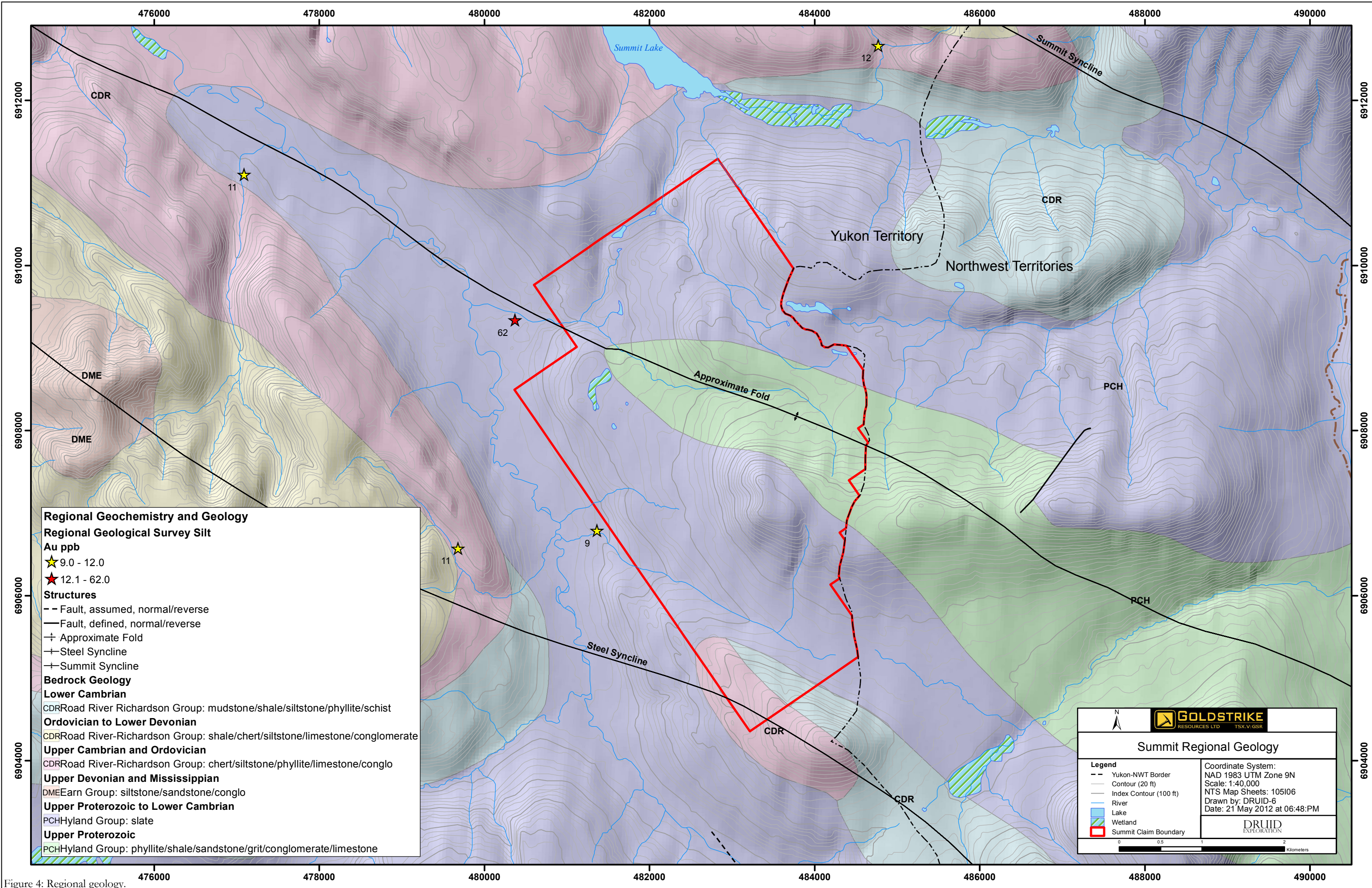


Figure 4: Regional geology.

5.2 Property Geology, Mineralization and Structure

The Summit claims cover Upper Proterozoic-Lower Cambrian Hyland Group rocks in the core of a large northwest-plunging anticline. The dominate lithology is mix of inter-bedded silicified shale, siltstone, and sandstone units. The shale is the most common and is often very limonitic with orange staining. Purple shale is the dominant bedded unit on the property and strikes anywhere between 290° – 300° and dips to the northeast (Figure 5). A large mineralized intermediate to mafic igneous intrusion (andesite/gabbro) was located in the north central part of the claim block. Another smaller showing of the intrusion was seen about 1.5 kilometers to the north on the edge of the claim boundary. The silicified sandstone at the peripherals of the intrusion is fairly mineralized with large blebs of pyrite. Minor galena was found in silicified sandstone with quartz veining in two separate locations on the property. The shale and siltstone appeared to have good clay alteration.

A quartz/andesite breccia was found along the ridge in the centre of the property (Figure 6). The matrix could also be fine-textured greywacke sandstone. The rock contains large angular quartz clasts with patchy limonite staining throughout. A similar breccia was noted by a prospector and mapped for 50 meters wide and striking 305° down and along the mountain side. This breccia is closely associated with a linear oxidized structure.

A large silicified limestone unit was discovered in the north-west corner of the property where a small tributary joins the main creek that host the anomalous gold and arsenic in the government stream sediment sample. The unit contained patchy quartz stockwork and minor sulphides (Figure 7). A graphical summary of the 2011 geological mapping and prospecting program is shown in Figure 8 (float samples are not shown).



Figure 5: Abundant limonitic purple shale found on the property.



Figure 6: Quartz/andesite breccia sample.



Figure 7: Quartz/calcite stockwork in silicified sandstone.

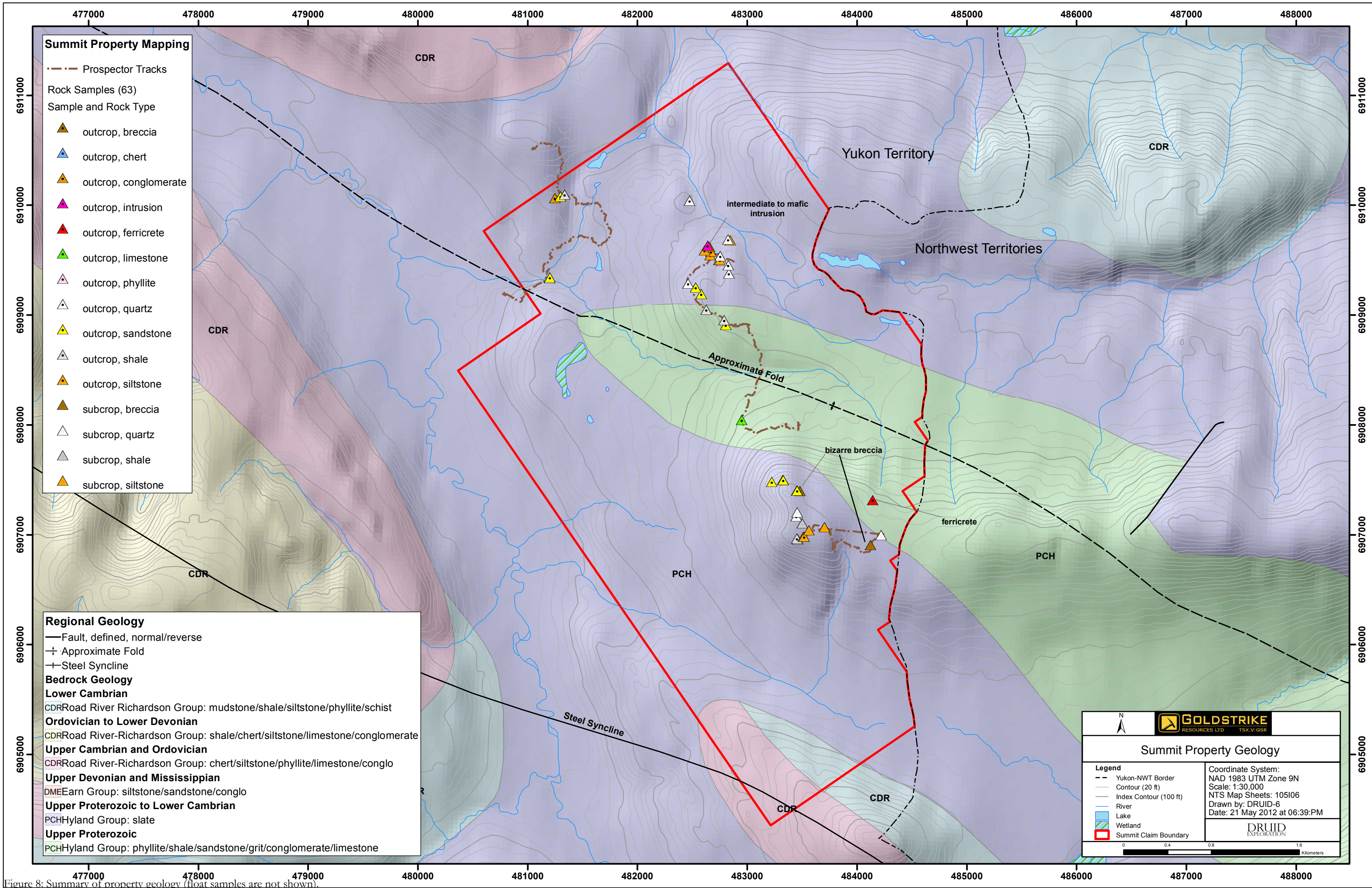


Figure 8: Summary of property geology (float samples are not shown).

6. GEOCHEMICAL SURVEY METHODOLOGY

All the samples, collected during the 2011 field season, were selected, sealed and shipped to Acme Analytical Laboratories in Vancouver, BC. All rock samples were selected by Druid Exploration site geologists and photographed *in situ* and as a hand sample prior to sealing in a sample bag. Representative rock samples were also selected by the site geologist for future reference. The soil samples were photographed at the sample location prior to sealing within a durable, labeled Kraft sample bag. A rigorous quality assurance/quality control (QA/QC) program including blanks, standards and duplicates was not conducted for this year's reconnaissance sampling program.

Individual rock and silt samples were placed in labeled plastic sample bags, sealed with a cable tie and stored on-site before transport. Individual soil samples were placed in labeled Kraft paper sample bags, sealed with flagging in the field and stored on-site to dry. On-site samples were monitored by the site geologist but not stored in a locked facility due to the remoteness of the camp location. Groups of rock, soil or silt samples were then placed into sturdy, labeled, woven-polyethylene bags, sealed with a cable tie and stored for shipping to a secure location in Dawson City, YT or directly to an Acme Labs facility in Dawson City or Whitehorse, YT. All sample packaging for transport was overseen by the site geologist and documented with sample names, sample type, assay type, shipping date, shipping ID, and the number of woven-polyethylene bags. Samples at the secure facility in Dawson City were transported to the Acme Laboratory compound in Dawson City, YT.

All samples were crushed, pulverized and the resulting sample pulps were analyzed by Acme Laboratories in Vancouver, BC. The remaining coarse reject portions of the samples remain in storage at the Acme Labs storage facility in Vancouver, BC and are scheduled for return to a secure facility in Dawson City, YT. The samples were analyzed using the Acme Labs assay procedure 1DX-15, a 1:1:1 Aqua Regia digestion with an inductively-coupled plasma mass spectroscopy (ICP-MS) finish. The rock samples were also analyzed by Acme Labs 3B lead-collection fire assay fusion procedure with an inductively-coupled plasma [atomic] emission spectroscopy (ICP-ES) finish. The assay certificates are located in Appendix A: Certificates of Analysis.

6.1 Soil Sampling Protocol

Soil samples are collected by foot with helicopter assistance at the start and end of proposed sampling lines. The soil sampling lines are chosen by geologists based on the potential source areas of MINFILE locations, placer creek occurrences, regional silt anomalies and the potential occurrences of clay minerals, silica, iron oxides and hydroxyl minerals based on enhanced satellite imagery. The tops of ridges are also typically chosen to allow for easier access to the desired soil horizon. The proposed sampling locations are located at 50 m to 100 m intervals and are uploaded into a GPS. The final sample site is chosen in the field by a trained employee based on soil availability within 20 m of the proposed sample location.

Soil samples are extracted using a Dutch Auger to collect material within the C horizon. All sample sites are flagged with biodegradable flagging tape and marked with the sample number. All sample sites are recorded using hand-held GPS units (accuracy 1-10 m) and the following information is recorded on all-weather paper: sample ID, easting, northing, elevation, sample depth (cm), horizon sampled, sample colour, sample composition in percent (organic, angular rock, gravel, sand, silt and clay), parent material, moisture content, vegetation cover and topographic position.

6.2 Silt Sampling Protocol

Silt samples are collected by foot with helicopter assistance. The silt sampling locations are chosen by geologists and prospectors based on the potential source areas of MINFILE locations, placer creek occurrences, regional silt anomalies and the potential occurrences of clay minerals, silica, iron oxides and hydroxyl minerals based on enhanced satellite imagery. Rusty-coloured streams with a well-developed bed are typically chosen for silt sample collection sites.

The silt samples are extracted to ensure the greatest amount of silt, based on the sampler's desired method. All sample sites are flagged with biodegradable flagging tape and marked with the sample number. All sample sites are recorded using hand-held GPS units (accuracy 1-10 m) and the following information is recorded on all-weather paper: sample ID, easting, northing, elevation.

6.3 Rock Grab Sampling Protocol

Rock grab samples are collected by foot with helicopter assistance. The rock sampling locations are chosen by geologists based on the potential source areas of MINFILE locations, placer creek occurrences, regional silt anomalies and the potential occurrences of clay minerals, silica, iron oxides and hydroxyl minerals based on enhanced satellite imagery. The tops of ridges are typically chosen for the easier location of rock outcrops, subcrops, felsenmeer and float. The rock grab sample sites are chosen in the field by a geologist or prospector based on changes in lithology and/or the potential for mineralization.

The rock grab samples are extracted using a rock hammer to expose fresh surfaces and to liberate a sample of approximately 0.5 kg. All sample sites are flagged with biodegradable flagging tape and marked with the sample number. All sample sites are recorded using hand-held GPS units (accuracy 1-10 m) and the following information is recorded on all-weather paper: sample ID, easting, northing, elevation, type of sample (outcrop, subcrop, float), and a brief description.

7. DATA VERIFICATION

All GPS units are downloaded to a laptop using DNR Garmin®. The GPS information is transferred into a Microsoft Excel® spreadsheet and the remaining sample information undergoes manual data entry. The database is checked by the site geologist while in the field, and again in the office prior to submission to the project geologist. The database is checked by trained employees a third time against the sample booklets for errors and omissions. A fourth check of the database is conducted when the results are merged with the database. The fifth and final check of the database is performed by the geologists writing the report on the property.

All the rock, soil and silt samples were processed and analyzed by Acme Laboratories in Vancouver, BC. Verification of assays is performed by Acme Labs using internal QA/QC procedures of duplicates, blanks and proprietary reference standards. Appendix C contains the rock, soil and silt sample Certificates of Analysis.

8. GEOCHEMICAL RESULTS

8.1 Rock Samples

The 2011 reconnaissance prospecting program on the Summit Property took place on August 2nd to 7th by Michael Glynn, Franz Vidmar and Inyo Younggreen (prospectors) plus by Clayton Jones and Diana Benz (geologists). The property was traversed by foot with helicopter assistance. The traverse areas are based on MINFILE locations, ridge tops for outcrop exposures and

regional silt anomalies (Figure 4). The main element of interest is gold, whereas secondary elements of interest include lead, zinc and silver. A total of 63 rock grab samples were taken (Appendix A).

Exploratory data analysis (EDA) of the 2011 rock grab sampling program includes a summary table, correlation matrix, quantile-quantile plots and count histograms. This information is used to determine the composition of the data, to discover anomalies and to determine pathfinder relationships unique to the area in which soil samples were collected.

The summary table includes the count, detection limits, quantiles, min-max values, standard deviation, mean absolute deviation and the coefficient of variation. EDA indicates there is insufficient assay data for the elements of interest (gold, lead, zinc and silver) due to >20% of the population below the detection limits (DL) of the assay procedures. The majority of elements analyzed are below the DL and are not suitable for further statistical analysis (Table 2).

Table 2: Summary table of rock grab samples. Below detection limit (DL) values are ½ the DL (FA: fire assay; ICP-MS: inductively coupled-mass spectroscopy; St. Dev.: standard deviation; MAD: median absolute deviation; CV: coefficient of variation).

<i>Element</i>	<i>Units</i>	<i>Number</i>	<i>DL (ICP- MS)</i>	<i>% < and > DL</i>	<i>Min</i>	<i>1%</i>	<i>5%</i>	<i>10%</i>	<i>25%</i>	<i>Median (50%)</i>	<i>Mean</i>	<i>75%</i>	<i>90%</i>	<i>95%</i>	<i>99%</i>	<i>Max</i>	<i>Std. Dev.</i>	<i>MAD</i>	<i>CV</i>
Au_FA	ppb	63	2	62%	1	1	1	1	1	1	90	6	16	26	2056	5295	666	0	7
Mo	ppm	63	0.1	10%	0.05	0.05	0.05	0.1	0.1	0.2	0.5	0.5	1.0	1.6	3.6	4.3	0.7	0.1	1.6
Cu	ppm	63	0.1	0%	0.8	0.9	1.5	2.0	3.7	8.0	24.8	42.4	72.4	76.3	93.1	95.6	29.0	6.0	1.2
Pb	ppm	63	0.1	0%	1	1.1	1.9	2.4	3.8	10.0	19.7	18.5	45.6	59.0	174.7	236.1	35.6	6.6	1.8
Zn	ppm	63	1	2%	0.5	1	1	4	13	44	54	83	110	131	159	198	44	35	1
Ag	ppm	63	0.1	87%	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.05	0.1	0.2	0.3	0.4	0.1	0.0	0.8
Ni	ppm	63	0.1	0%	0.2	0.3	0.6	1.2	3.8	9.6	16.0	29.9	41.1	42.4	46.9	47.3	14.9	8.3	0.9
Co	ppm	63	0.1	0%	0.1	0.2	0.4	0.5	1.7	6.6	13.8	18.0	44.6	47.9	51.6	54.3	16.1	5.9	1.2
Mn	ppm	63	1	0%	19	20	28	33	80	682	997	1410	2500	3558	4733	5657	1168	627	1
Fe	pct	63	0.01	0%	0.19	0.31	0.46	0.76	1.38	2.84	3.77	6.68	7.87	8.68	9.42	9.72	2.80	1.82	0.74
As	ppm	63	0.5	0%	0.6	0.6	0.7	1.0	2.3	7.0	83.1	30.1	166.1	732.8	900.7	953.6	212.1	5.7	2.6
Au_ICP-MS	ppb	63	0.5	40%	0.25	0.25	0.25	0.25	0.25	0.9	20.0	2.7	7.4	11.9	432.9	1100.8	138.4	0.7	6.9
Th	ppm	63	0.1	0%	0.1	0.1	0.1	0.6	1.3	3.5	4.4	7.2	9.3	11.3	14.2	16.6	3.9	2.6	0.9
Sr	ppm	63	1	0%	2	2	4	5	7	17	77	78	217	405	577	650	134	12	2
Cd	ppm	63	0.1	81%	0.05	0.05	0.05	0.05	0.05	0.05	0.08	0.05	0.1	0.2	0.6	0.8	0.1	0.0	1.3
Sb	ppm	63	0.1	17%	0.05	0.05	0.05	0.05	0.1	0.4	3.0	1.8	10.2	12.1	30.3	50.2	7.3	0.4	2.4
Bi	ppm	63	0.1	67%	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.3	0.4	0.7	0.9	0.1	0.0	1.3
V	ppm	63	2	13%	1	1	1	1	4	7	40	28	154	181	275	301	69	6	2
Ca	pct	63	0.01	6%	0.005	0.005	0.01	0.01	0.03	0.09	2.27	1.76	6.56	14.83	22.52	26.35	5.15	0.08	2.27
P	pct	63	0.001	0%	0.002	0.003	0.005	0.008	0.022	0.031	0.084	0.073	0.253	0.297	0.459	0.693	0.121	0.019	1.430
La	ppm	63	1	21%	0.5	1	1	1	1	5	7	13	18	23	30	36	8	4	1
Cr	ppm	63	1	5%	0.5	1	1	2	3	6	11	18	25	31	36	41	10	4	1
Mg	pct	63	0.01	21%	0.005	0.005	0.005	0.005	0.02	0.27	0.69	0.88	2.56	2.96	3.29	3.60	0.99	0.26	1.45
Ba	ppm	63	1	0%	4	5	7	12	27	41	104	75	167	301	1187	1918	258	23	2
Ti	pct	63	0.001	38%	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.024	0.004	0.043	0.241	0.257	0.261	0.067	0.001	2.803
B	ppm	63	1	0%	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0
Al	pct	63	0.01	0%	0.06	0.07	0.09	0.17	0.27	0.46	1.03	1.60	3.00	3.37	4.04	4.36	1.13	0.27	1.10
Na	pct	63	0.001	2%	0.0005	0.002	0.005	0.006	0.009	0.021	0.025	0.032	0.045	0.059	0.104	0.128	0.021	0.011	0.869
K	pct	63	0.01	10%	0.005	0.005	0.005	0.01	0.03	0.07	0.08	0.12	0.17	0.25	0.31	0.33	0.08	0.05	0.91
W	ppm	63	0.1	78%	0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.1	0.3	1.1	1.8	1.9	0.4	0.0	2.2
Hg	ppm	63	0.01	46%	0.005	0.005	0.005	0.005	0.005	0.010	0.35	0.08	1.22	1.84	4.09	6.40	0.96	0.01	2.71
Tl	ppm	63	0.1	76%	0.05	0.05	0.05	0.05	0.05	0.05	0.3	0.1	0.7	1.2	2.8	3.7	0.6	0.0	2.4
S	pct	63	0.05	68%	0.025	0.03	0.03	0.03	0.03	0.03	0.11	0.10	0.17	0.37	1.28	1.92	0.27	0.00	2.42
Sc	ppm	63	0.1	0%	0.1	0.2	0.2	0.4	1.0	1.7	2.8	2.7	6.4	10.2	15.7	18.7	3.5	0.9	1.2
Se	ppm	63	0.5	92%	0.25	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.7	0.8	0.1	0.0	0.4
Ga	ppm	63	1	29%	0.5	1	1	1	1	2	4	6	10	12	13	14	4	1.5	1
Te	ppm	63	0.2	100%	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0

Histogram and quantile-quantile (Q-Q) plots are used to determine the distribution of the assay data, locate groups of samples with similar characteristics, as well as the break point for anomalous values and any outliers. Histograms are useful in determining whether the sample population is normal (bell curve) or skewed. The Q-Q plots for gold (fire assay results), lead, zinc and silver are shown in Figure 9. The gold Q-Q plot indicates an outlier at 5,296 ppb (not shown in Figure 9 nor Figure 11; see Table 3 and Figure 10). The outlier rock grab sample, 1216211, was taken *in situ* and is described as ferricrete with clasts of shale, quartz-siltstone and orange rust throughout. The anomalous results for the rock samples are below economic interest: gold ≥ 23 ppb, lead ≥ 86.9 ppm, zinc ≥ 198 ppm and silver is limited by the detection limit (i.e., horizontal plateaus instead of a curved distribution of assay values). The histograms for gold, lead, zinc, and silver indicate their populations are skewed and again shows silver is limited by its detection limit (Figure 10).

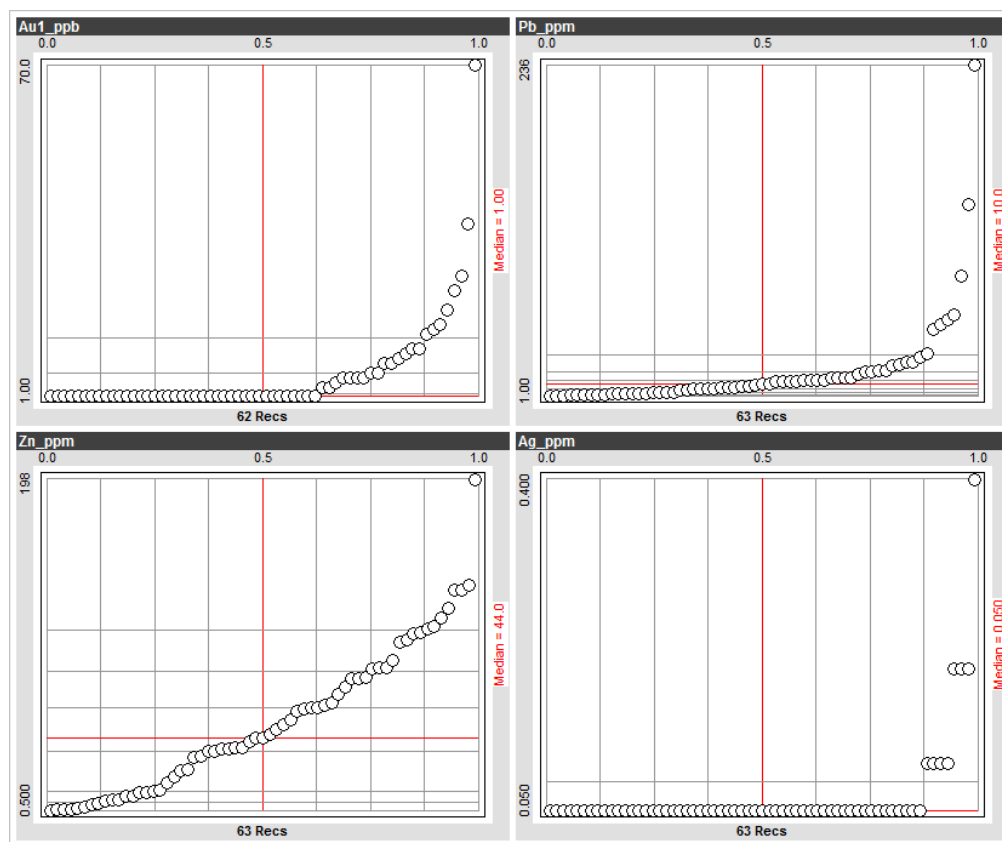


Figure 9: Quantile-Quantile plots for gold (fire assay results), lead, zinc and silver. The gold Q-Q plot indicates an outlier at 5,296 ppb (not shown). Anomalous results for the rock sample are below economic interest: gold ≥ 23 ppb, lead ≥ 86.9 ppm, zinc ≥ 198 ppm and silver is limited by the detection limit.

Table 3: Outlier rock grab sample values. Gold value is the fire assay result.

<i>Sample</i>	<i>Gold (ppb)</i>	<i>Silver (ppm)</i>	<i>Arsenic (ppm)</i>	<i>Antimony (ppm)</i>	<i>Thallium (ppm)</i>	<i>Mercury (ppm)</i>	<i>Copper (ppm)</i>	<i>Lead (ppm)</i>	<i>Zinc (ppm)</i>	<i>Nickel (ppm)</i>
1216211	5295	0.1	868.2	1.4	0.3	0.1	30.9	14.3	79.0	22.5



Figure 10: Grab rock sample 1216211 of ferricrete with clasts of shale, quartz-siltstone and orange rust throughout and 5,295 ppb gold (fire assay value).

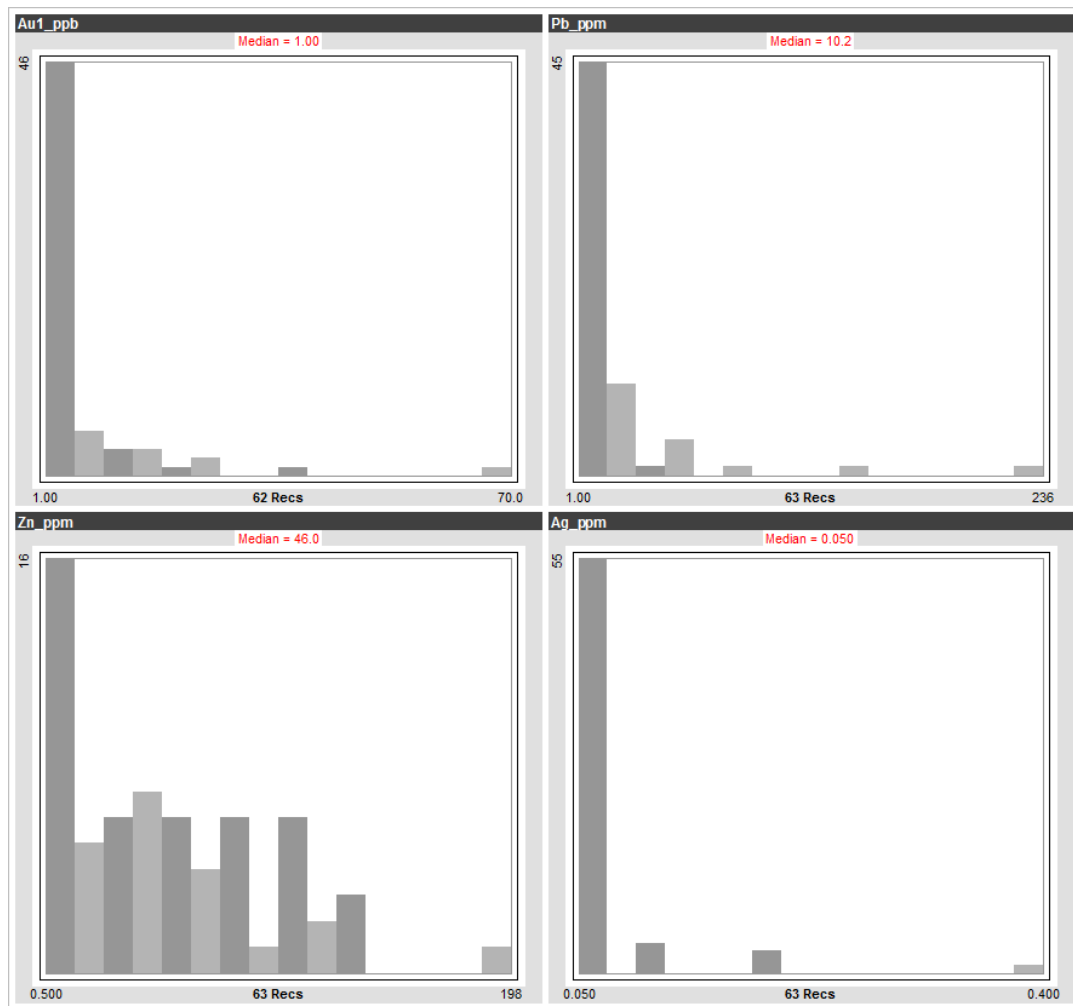
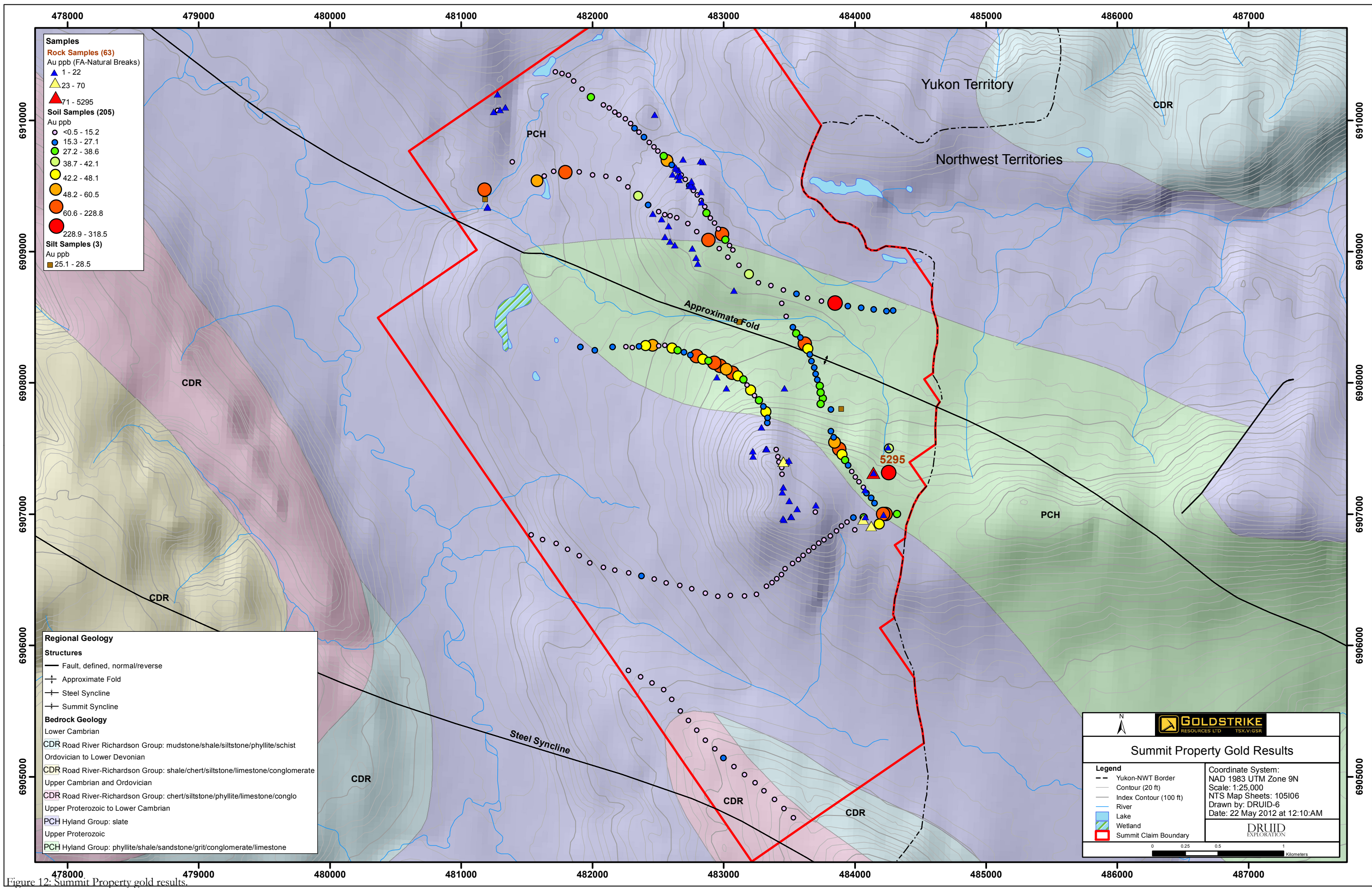


Figure 11: Histogram plots for gold (fire assay results), lead, zinc and silver. All the elements have skewed populations and silver is limited by its detection limit.



8.2 Soil Sampling

The reconnaissance soil sampling program of the Summit Property was overseen by Clayton Jones and Diana Benz (geologists) and took place from August 2nd to August 7th, 2011. The 4 person team consisted of the following deep auger soil samplers: Greg Galloway, Dustin Blampin, Brad Osmond and Thomas Barrette. The property was sampled by foot with helicopter assistance to soil line end and start points. The soil lines were chosen based on crossing the source areas of MINFILE locations, ridge tops for easy access to soils and regional silt anomalies (Figure 4). The sampling lines were loaded into a GPS and the sample site was chosen in the field based on soil availability within 50 to 100 m intervals. Soil samples were extracted using a soil auger to dig to, and extract, the C horizon. All sample sites were flagged with biodegradable flagging tape and marked with the sample number. All sample sites were recorded using handheld GPS units (accuracy 1-10 m) and the following information was recorded: sample ID, easting, northing, elevation, sample depth (cm), horizon samples, sample colour, sample composition (%), parent material, moisture content, vegetation cover and topographic position. In total, 203 soil samples were collected (Appendix B).

8.2.1 Soil Geochemistry

The Oliver Property is located 15 km south-southwest of the world-class Howard's Pass zinc-lead sedimentary exhalative (SEDEX) deposit within the Selwyn Basin. Local exploration has revealed unpromising zinc-lead results to the north by Summit Lake and anomalous zinc-lead soil geochemistry to the west of the current Summit claim boundary. No historical records were found regarding exploration for gold in this area.

The exploratory data analysis of the 2011 soil sampling program includes a summary table, correlation matrix, quantile-quantile plots and count histograms. This information is used to determine the composition of the data, to discover anomalies and to determine pathfinder relationships unique to the area in which soil samples were collected.

The summary table shows the count, detection limits, quantiles, min-max values, standard deviation, mean absolute deviation and the coefficient of variation. This summary table indicates there is insufficient assay data for silver, cadmium, boron, tungsten, thallium, sulphur, selenium and tellurium due to >20% of the population below the detection limits (DL) of the assay procedures. These elements are not included in statistical analysis. All below detection limit values are converted to 1/2 the DL for each element and the above detection limit values are changed to the upper detection limit value plus the DL value. For example, the below detection limit value for manganese is changed to 0.5 ppm, half of the DL (1) and the above detection limit value is converted to 10,001 ppm (10,000+0.1) (Table 4).

Table 4: Summary table of soil samples. Below detection limit (DL) values are ½ the DL, whereas above the DL values are changed to the assay result plus the DL.

Element	Units	Number	DL (ICP-MS)	% < and > DL	Min	1%	5%	10%	25%	Median (50%)	Mean	75%	90%	95%	99%	Max	Std. Dev.	MAD	CV
Mo	ppm	205	0.1	0%	0.05	0.2	0.3	0.4	0.5	0.7	1.1	1.0	2.0	3.7	5.4	17.8	1.7	0.2	1.5
Cu	ppm	205	0.1	0%	3.20	3.4	8.4	13.4	21.5	28.3	30.6	35.3	46.1	63.5	114.6	132.8	18.4	7.0	0.6
Pb	ppm	205	0.1	0%	1.30	2.0	7.1	11.6	15.7	21.5	23.3	29.3	37.3	43.5	49.6	96.7	11.7	6.9	0.5
Zn	ppm	205	1	0%	3.00	5.0	19.2	32.4	61.0	80.0	83.7	100.0	112.0	139.2	199.5	886.0	67.1	19.0	0.8
Ag	ppm	205	0.1	71%	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.2	0.4	0.9	1.3	0.2	0.0	1.5
Ni	ppm	205	0.1	0%	0.7	1.4	5.8	10.4	17.3	26.3	26.0	32.3	40.2	45.2	59.1	111.4	12.9	7.2	0.5
Co	ppm	205	0.1	0%	0.4	0.5	2.8	5.2	9.9	12.5	13.1	16.1	20.1	22.5	41.9	51.2	7.0	3.4	0.5
Mn	ppm	205	1	0%	10	20	102	198	309	439	584	646	956	1221	2803	10001	792	154	1
Fe	pct	205	0.01	0%	0.18	0.21	1.19	1.74	2.93	3.63	3.50	4.12	4.59	5.14	8.35	9.55	1.33	0.57	0.38
As	ppm	205	0.5	1%	0.25	0.8	2.6	5.2	14.6	31.2	52.4	53.0	89.2	142.9	406.2	1229.0	110.6	17.6	2.1
Au	ppb	205	0.5	5%	0.25	0.3	0.5	1.2	2.8	9.3	20.1	24.0	45.6	67.0	112.7	318.5	33.5	7.7	1.7
Th	ppm	205	0.1	2%	0.05	0.05	0.5	0.9	3.1	5.8	5.9	8.0	10.6	12.3	16.1	16.7	3.7	2.5	0.6
Sr	ppm	205	1	0%	3	3	4	5	6	10	19	18	34	61	127	279	29	5	2
Cd	ppm	205	0.1	68%	0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.1	0.3	0.7	1.5	11.7	0.9	0.0	4.2
Sb	ppm	205	0.1	1%	0.05	0.1	0.3	0.4	0.8	1.7	2.4	3.4	4.9	6.3	11.0	18.6	2.3	1.2	0.9
Bi	ppm	205	0.1	3%	0.05	0.05	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.6	0.8	1.4	0.2	0.1	0.4
V	ppm	205	2	1%	1	2	4	6	9	15	17	21	29	35	48	131	13	6	1
Ca	pct	205	0.01	9%	0.005	0.005	0.005	0.01	0.02	0.05	0.21	0.17	0.35	0.89	2.59	6.85	0.65	0.04	3.06
P	pct	205	0.001	0%	0.005	0.013	0.021	0.025	0.033	0.051	0.062	0.073	0.114	0.150	0.197	0.341	0.044	0.020	0.715
La	ppm	205	1	0%	1	2	3	4	8	16	17	24	33	37	44	51	11	8	1
Cr	ppm	205	1	0%	1	1	5	7	11	16	16	21	26	27	34	43	7	5	0
Mg	pct	205	0.01	0%	0.01	0.01	0.04	0.06	0.12	0.22	0.30	0.41	0.59	0.72	1.16	1.32	0.25	0.13	0.83
Ba	ppm	205	1	0%	15	15	21	25	37	54	90	86	212	317	560	633	108	21	1
Ti	pct	205	0.001	3%	0.0005	0.0005	0.001	0.001	0.003	0.004	0.005	0.007	0.010	0.012	0.022	0.024	0.004	0.002	0.780
B	ppm	205	1	67%	0.5	0.5	0.5	0.5	0.5	0.5	1	1	2	3	5	8	1	0	1
Al	pct	205	0.01	0%	0.12	0.3	0.4	0.4	0.6	0.9	0.9	1.3	1.5	1.7	1.9	2.0	0.4	0.3	0.5
Na	pct	205	0.001	0%	0.002	0.003	0.003	0.004	0.005	0.006	0.008	0.009	0.013	0.021	0.028	0.032	0.005	0.002	0.667
K	pct	205	0.01	0%	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.06	0.08	0.10	0.17	0.18	0.03	0.01	0.51
W	ppm	205	0.1	28%	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.3	0.4	1.0	1.7	0.2	0.1	1.0
Hg	ppm	205	0.01	9%	0.005	0.005	0.005	0.01	0.02	0.03	0.05	0.06	0.09	0.14	0.30	0.63	0.06	0.02	1.34
Sc	ppm	205	0.1	0%	0.1	0.2	0.3	0.5	1.1	1.6	1.7	2.1	2.8	3.4	7.6	11.9	1.3	0.5	0.7
Tl	ppm	205	0.1	71%	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.2	0.3	0.6	0.9	0.1	0.0	1.2
S	pct	205	0.05	91%	0.025	0.025	0.025	0.025	0.025	0.025	0.029	0.025	0.025	0.06	0.10	0.18	0.02	0.00	0.57
Ga	ppm	205	1	2%	0.5	0.5	1	1	2	3	3	4	5	5	7	10	1	1	0
Se	ppm	205	0.5	82%	0.25	0.25	0.25	0.25	0.25	0.25	0.4	0.3	0.9	1.1	1.9	2.9	0.4	0.0	1.0
Te	ppm	205	0.2	100%	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0

The correlation matrix for the 2011 soil samples (Table 5) shows the interdependence of the assay data between pairs of elements. This statistical analysis assists in the determination of the pathfinder elements that may be associated with the element(s) of interest. The main element of interest for this property is gold. Secondary interests for this property include: lead, zinc and silver. Moderate positive correlation strength occurs between gold and arsenic. Weak positive correlations with gold include lead, antimony and bismuth; whereas a negative weak correlation occurs with gallium. Very weak negative gold correlations occur with molybdenum, vanadium, phosphorous, chromium, magnesium, barium, titanium and aluminium. Weak positive gold correlations occur with thorium, lanthanum and mercury. Lead is found to have a moderate positive correlation with bismuth and a very weak positive correlation occurs between lead and zinc. A moderate positive correlation for zinc and copper is also present. Zinc also has a very strong correlation with nickel.

Table 5: Soil sample correlation matrix. A moderate strength correlation occurs between gold-arsenic, lead-bismuth plus zinc-copper; whereas a very strong correlation is found between zinc and copper. A very weak correlation occurs between lead and zinc. Weak correlations of gold occur with lead, antimony, bismuth and (-) gallium. Very weak positive correlations of gold occur with thorium, lanthanum and mercury. Very weak negative gold correlations occur with molybdenum, vanadium, phosphorous, chromium, magnesium, barium, titanium and aluminium.

	<i>Mo</i>	<i>Cu</i>	<i>Pb</i>	<i>Zn</i>	<i>Ni</i>	<i>Co</i>	<i>Mn</i>	<i>Fe</i>	<i>As</i>	<i>Au</i>	<i>Tb</i>	<i>Sr</i>	<i>Sb</i>	<i>Bi</i>	<i>V</i>	<i>Ca</i>	<i>P</i>	<i>La</i>	<i>Cr</i>	<i>Mg</i>	<i>Ba</i>	<i>Ti</i>	<i>Al</i>	<i>Na</i>	<i>K</i>	<i>Hg</i>	<i>Sc</i>	<i>Ga</i>
<i>Mo</i>	1.00																											
<i>Cu</i>	0.51	1.00																										
<i>Pb</i>	-0.03	0.13	1.00																									
<i>Zn</i>	0.38	0.68	0.15	1.00																								
<i>Ni</i>	0.37	0.76	0.31	0.82	1.00																							
<i>Co</i>	0.17	0.58	0.40	0.36	0.63	1.00																						
<i>Mn</i>	0.06	0.19	0.22	0.06	0.12	0.61	1.00																					
<i>Fe</i>	0.21	0.51	0.35	0.40	0.59	0.72	0.28	1.00																				
<i>As</i>	-0.05	0.03	0.19	0.08	0.11	0.10	0.01	0.32	1.00																			
<i>Au</i>	-0.14	-0.07	0.42	-0.03	0.00	-0.06	-0.09	0.04	0.64	1.00																		
<i>Tb</i>	-0.12	0.14	0.43	0.22	0.45	0.27	-0.11	0.35	0.12	0.20	1.00																	
<i>Sr</i>	0.33	0.29	-0.05	0.24	0.25	0.06	-0.02	-0.01	-0.05	-0.09	0.02	1.00																
<i>Sb</i>	-0.02	0.10	0.41	0.12	0.26	0.14	-0.08	0.27	0.28	0.38	0.30	-0.02	1.00															
<i>Bi</i>	-0.13	0.20	0.59	0.15	0.38	0.44	0.13	0.52	0.26	0.30	0.41	-0.21	0.39	1.00														
<i>V</i>	0.43	0.46	-0.22	0.21	0.18	0.39	0.25	0.41	-0.05	-0.22	-0.24	0.25	-0.17	-0.22	1.00													
<i>Ca</i>	0.29	0.25	-0.11	0.19	0.20	0.04	-0.02	-0.01	-0.04	-0.08	-0.02	0.94	-0.08	-0.21	0.26	1.00												
<i>P</i>	0.59	0.49	0.04	0.37	0.32	0.37	0.56	0.28	-0.07	-0.20	-0.30	0.34	-0.11	-0.06	0.49	0.32	1.00											
<i>La</i>	0.04	0.09	0.19	0.23	0.31	0.07	-0.15	0.21	0.11	0.13	0.70	0.00	0.11	0.16	-0.01	0.02	-0.12	1.00										
<i>Cr</i>	0.33	0.41	-0.03	0.33	0.45	0.38	0.31	0.35	-0.12	-0.27	-0.02	0.11	-0.25	0.05	0.45	0.15	0.45	0.06	1.00									
<i>Mg</i>	0.46	0.51	-0.14	0.39	0.47	0.33	0.13	0.25	-0.11	-0.23	0.11	0.54	-0.29	-0.19	0.55	0.58	0.43	0.23	0.67	1.00								
<i>Ba</i>	0.69	0.57	-0.14	0.45	0.39	0.19	0.18	0.13	-0.07	-0.16	-0.12	0.44	-0.13	-0.14	0.49	0.39	0.64	0.08	0.39	0.59	1.00							
<i>Ti</i>	0.10	0.07	-0.26	0.00	0.01	0.10	0.08	0.06	-0.13	-0.22	-0.07	0.02	-0.26	-0.26	0.51	0.05	0.18	0.14	0.30	0.28	0.14	1.00						
<i>Al</i>	0.36	0.48	-0.07	0.33	0.40	0.42	0.29	0.38	-0.09	-0.28	0.05	0.27	-0.33	-0.08	0.58	0.30	0.49	0.21	0.74	0.85	0.57	0.35	1.00					
<i>Na</i>	-0.13	-0.18	-0.28	-0.19	-0.27	-0.23	-0.06	-0.39	-0.07	-0.08	-0.26	0.03	-0.06	-0.40	-0.10	-0.01	-0.03	-0.30	-0.36	-0.23	-0.03	0.22	-0.19	1.00				
<i>K</i>	0.41	0.44	0.02	0.37	0.50	0.22	0.04	0.15	-0.04	-0.07	0.29	0.56	-0.01	-0.02	0.23	0.54	0.37	0.28	0.41	0.66	0.54	0.20	0.52	0.06	1.00			
<i>Hg</i>	0.24	0.15	0.12	0.19	0.12	-0.05	-0.04	-0.07	0.03	0.13	0.06	0.20	0.24	-0.08	0.01	0.13	0.19	0.08	-0.01	0.07	0.19	-0.02	-0.05	0.01	0.16	1.00		
<i>Sc</i>	0.12	0.54	0.19	0.33	0.54	0.64	0.19	0.62	0.16	0.09	0.34	0.26	0.33	0.21	0.51	0.19	0.18	0.20	0.06	0.30	0.23	0.15	0.28	-0.01	0.32	0.06	1.00	
<i>Ga</i>	0.25	0.22	-0.17	0.12	0.10	0.27	0.28	0.35	-0.12	-0.35	-0.17	0.07	-0.38	-0.10	0.65	0.13	0.42	0.07	0.67	0.59	0.34	0.46	0.77	-0.19	0.22	-0.12	0.11	1.00

Histogram and quantile-quantile (Q-Q) plots are used to determine the distribution of the assay data, locate groups of samples with similar characteristics, as well as the break point for anomalous values. Histograms are useful in determining whether the sample population is normal (bell curve) or skewed. The histograms for copper, lead, zinc, nickel, arsenic, gold, arsenic, bismuth and gallium indicate their populations are skewed and require data normalization before any further statistics are conducted since most statistics assume populations are normal (Figure 13).

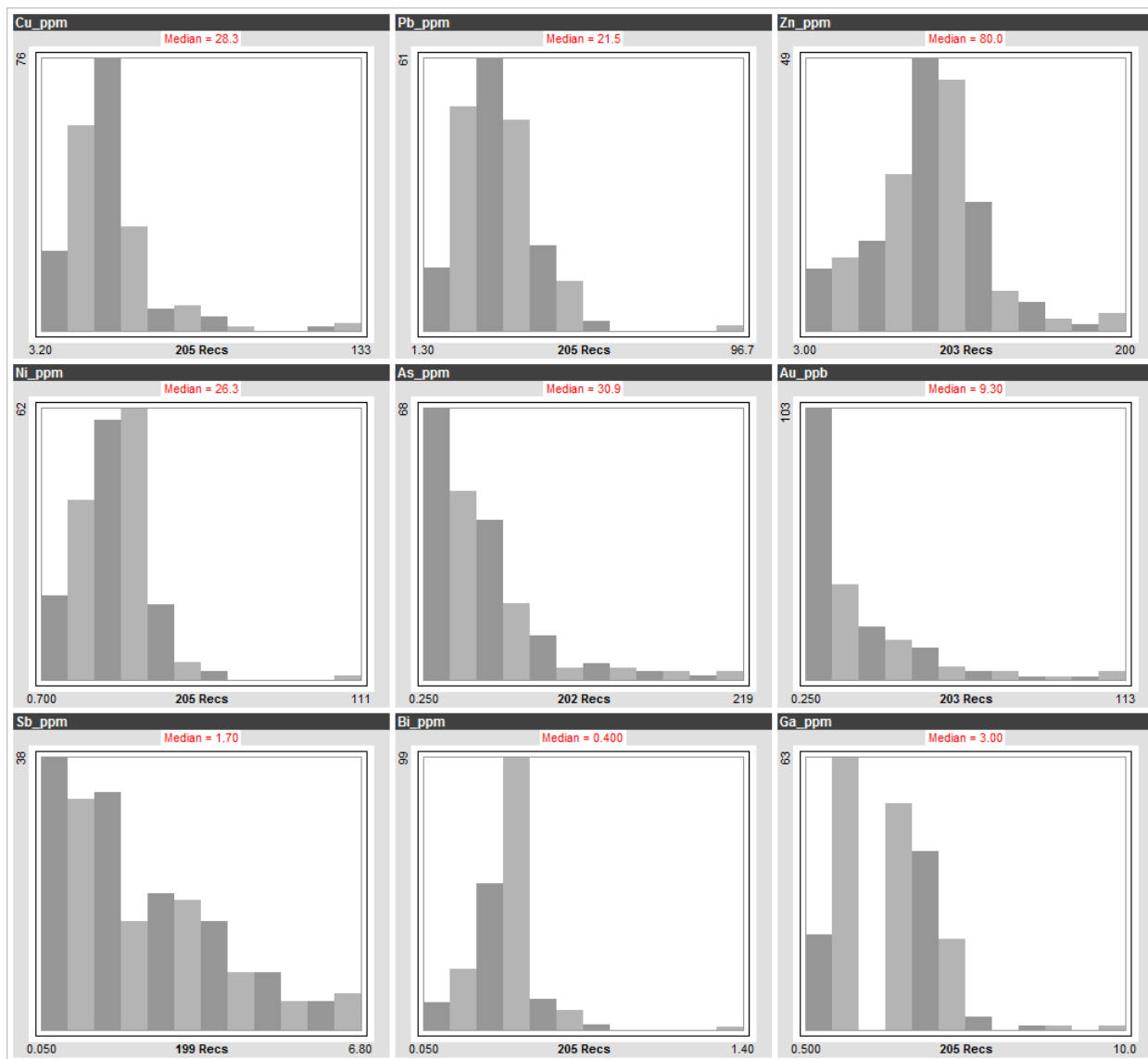


Figure 13: Histograms of soil samples showing skewed populations for copper, lead, zinc, nickel, arsenic, gold, arsenic, bismuth and gallium.

Q-Q plots depict groups of samples with similar characteristics (as separate terraces), as well as anomalous values (shown as a break points and well-separated samples). These plots are a graphical representation of the frequency distribution of the samples in relation to an expected distribution. For normally distributed populations the samples are shown in Q-Q plots as in a straight line. Curved and discontinuous plots represent skewed and poly-modal populations. The Q-Q plots of this property's samples for copper, lead, zinc, nickel, arsenic, gold, arsenic, bismuth and gallium show they represent skewed populations (Figure 14). Anomalous values for gold are ≥ 60.6 .

ppb with outliers ≥ 228.9 ppb. Copper anomalies start at ≥ 56.1 ppm, lead at ≥ 56.4 ppm, zinc at ≥ 153 ppm (outliers ≥ 268 ppm), nickel at ≥ 54.2 ppm, arsenic at ≥ 88.2 ppm (outliers ≥ 414 ppm) and antimony anomalies start at ≥ 5.2 ppm (outliers at 8.1 ppm). Outliers are not shown in the Q-Q graphs. Both bismuth and gallium are limited by their detection limits and should not be used for further statistical analyses.

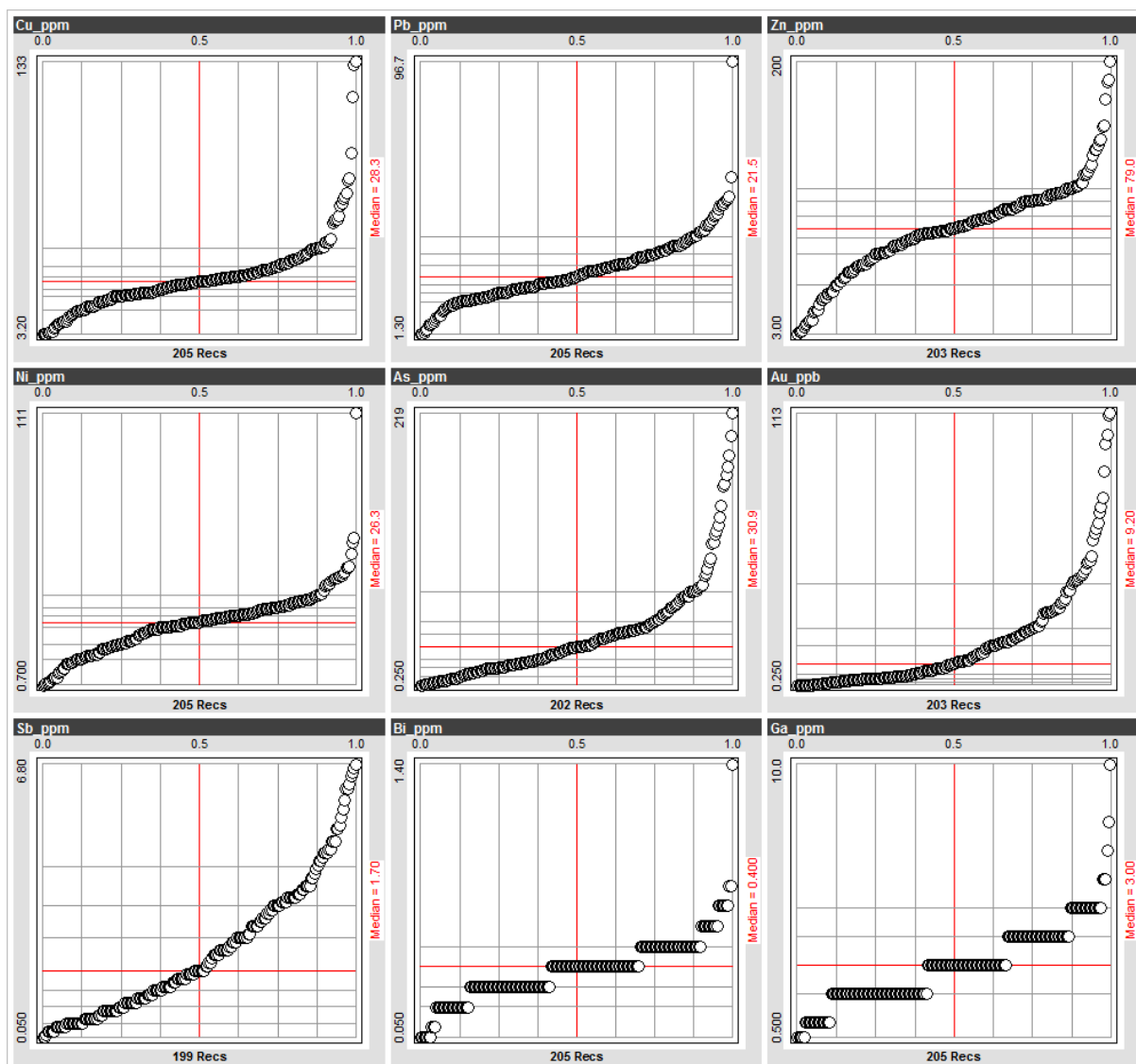


Figure 14: Quantile-Quantile plots of copper, lead, zinc, nickel, arsenic, gold, arsenic, bismuth and gallium. Anomalous values start at: gold is ≥ 60.6 ppb, copper is ≥ 56.1 ppm, lead is ≥ 56.4 ppm, zinc is ≥ 153 ppm, arsenic is ≥ 88.2 ppm, and antimony is ≥ 5.2 ppm. Bismuth and gallium Q-Q plots show their values are limited by their detection limit and should not be used for further statistical analyses.

Based on the assay values representing terraces and break points in the Q-Q plots, bubble plot geochemical maps of the soil samples can be created to delineate areas of potential interest. Figure 15 is a bubble plot map of the Summit 2011 rock, soil and silt sample gold results. A number of soil samples show areas that are anomalous for gold (≥ 60.6 ppb). The histograms produced for this property (Figure 13) indicate the sample populations are not normal (bell curve) and the Z score (assay value – mean/standard deviation) was calculated to normalize the values. Principal component

analysis (see Appendix D for summary tables) was then conducted on the normalized data to determine the areas with potential gold mineralization based on correlation matrix results (Table 5): arsenic, lead, antimony, mercury, lanthanum, thorium, molybdenum, vanadium, phosphorous, chromium, magnesium, barium, titanium and aluminium. Principal component 1 returned a strong pattern for gold mineralization and is shown in Figure 15. Figures 16 and 17 are a bubble plot maps showing the distribution of lead and zinc anomalies in the soil samples collected on the Summit Property.

Gold mineralization in soils occurs mainly within the northern half of the Summit Property around the approximated location of the anticlinal fold that bisects the property. The one outlier rock grab sample, 1216211 with 5,296 ppb gold, also corresponds with the gold soil anomalies, and the interpolated gold mineralization, in the central-east side of the property (Figure 15). This area also returned a soil sample with anomalous lead and zinc values (sample 1216259). Anomalous lead samples also tended to occur within the proximity of the anticlinal fold with a greater concentration of anomalous samples occurring southeast of the fold (Figure 16). Zinc soil anomalies are found along the southern border of the Summit Property boundary (Figure 17).

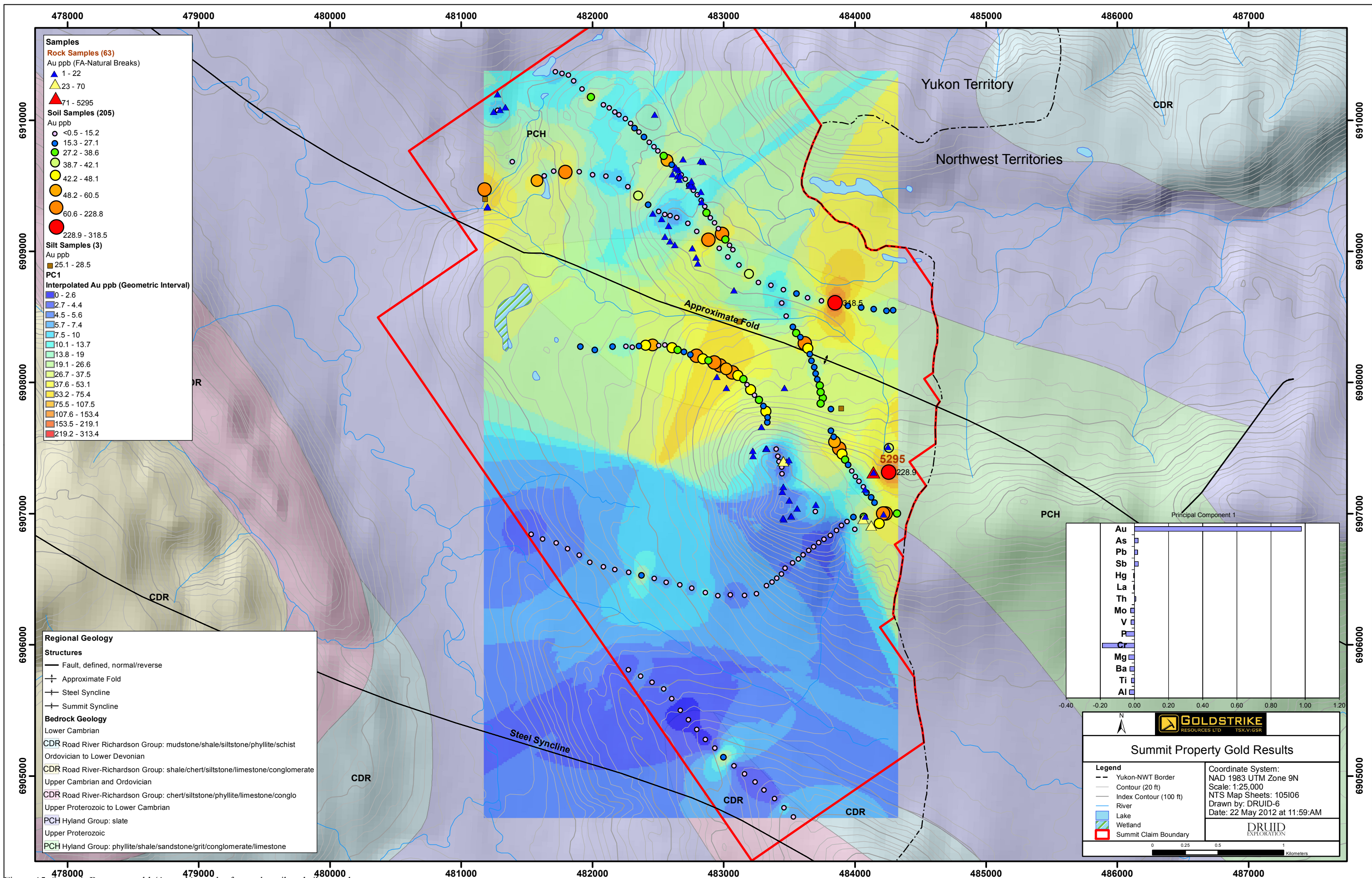


Figure 15: Summit Property gold (Au ppb) results for rock, soil and silt samples.

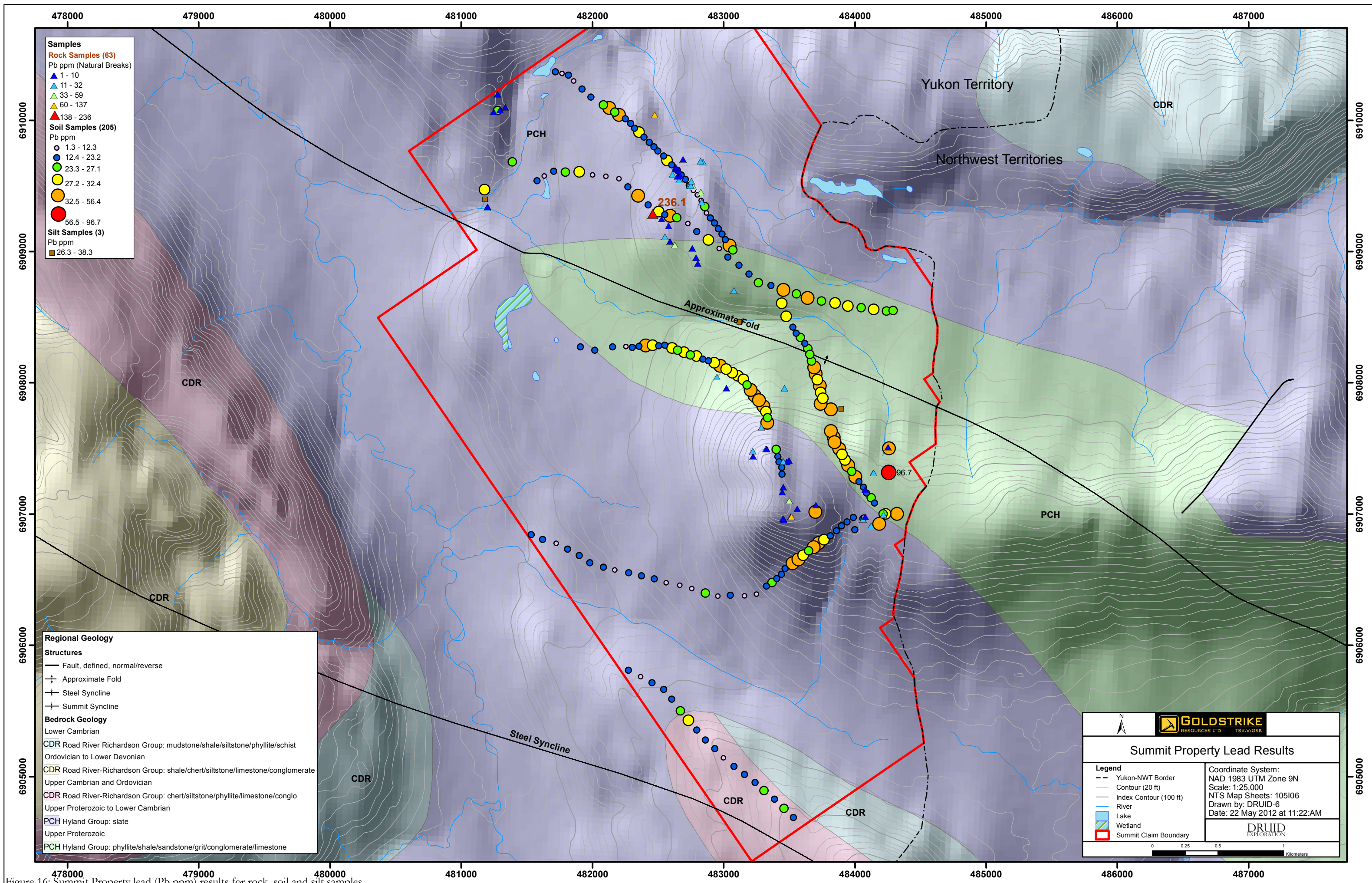
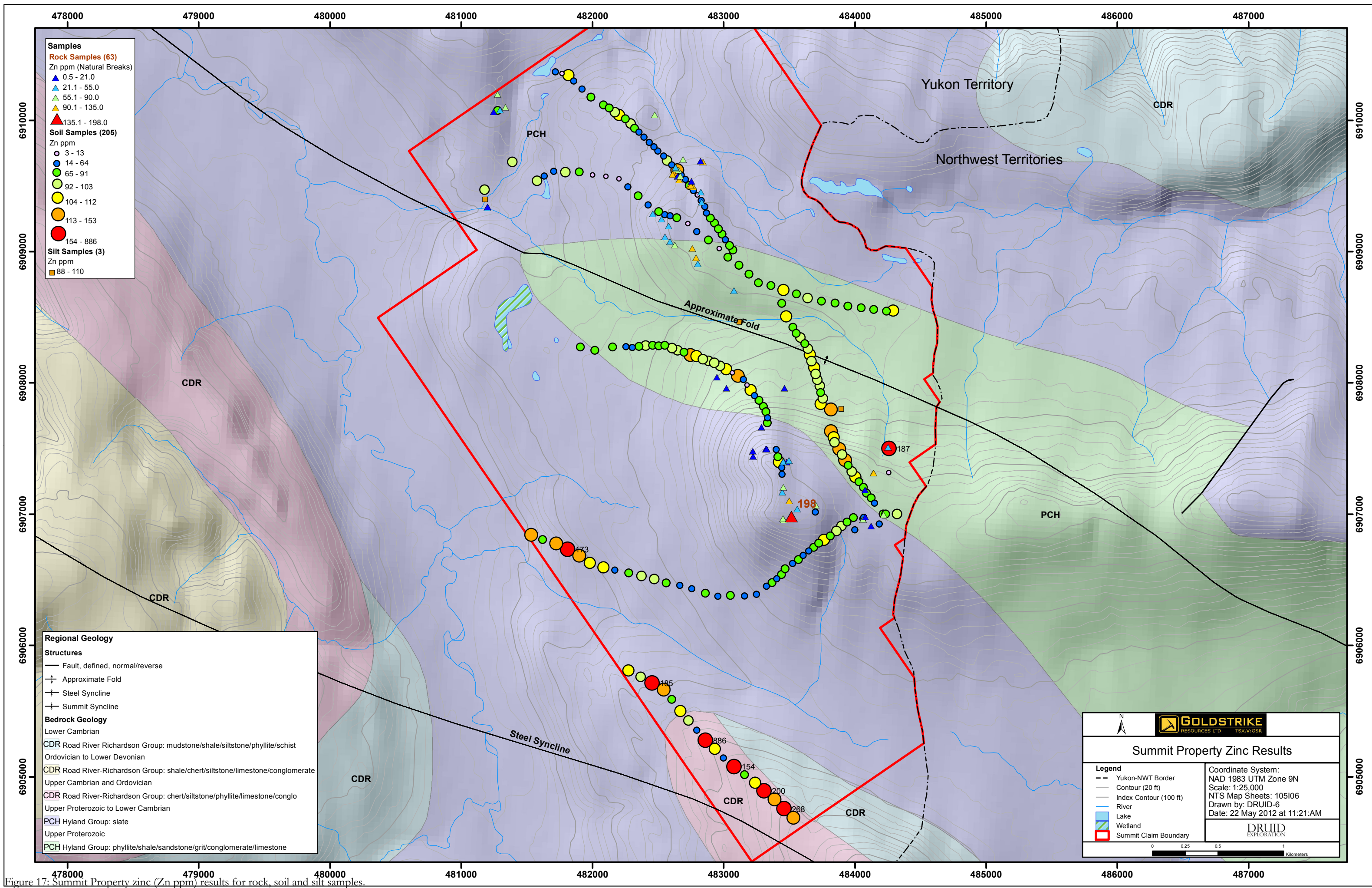


Figure 16: Summit Property lead (Pb ppm) results for rock, soil and silt samples.



8.3 Summary of Exploratory Work

A reconnaissance prospecting, mapping, soil, silt and rock sampling program was carried out on the Summit property and surrounding area from August 2, 2011 – August 7, 2011. A total of 3 days was dedicated to the Summit property. Overall, 271 samples were taken over this period of time. The property consists of 86 Quartz Claims that expire on November 30, 2016. The property is located in the Selwyn Mountains up against the Northwest Territory border, approximately 65 kilometres northwest of Tungsten, NWT. The property was accessed by helicopter from a camp constructed just off the Nahanni Range Road, approximately 75 kilometers from the Summit property. Prospectors and geologist traversed the property taking samples, structural observations and pictures. Samplers took soil samples at predefined location derived from geophysics, geochemistry, satellite imagery and topography. Dutch augers were used to take soil samples and the C horizon was targeted. The Summit claims cover Upper Proterozoic-Lower Cambrian sediments in the core of a regional-scale northwest-plunging anticlinorium. Rock and soil sampling revealed a number of areas anomalous for gold, lead and zinc. Gold and lead are found to be proximal to the northwest-plunging anticlinorium that bisects the Summit Property, while zinc soil anomalies tended to be concentrated near the southern boundary of the Summit Property.

9. INTERPRETATION AND CONCLUSIONS

The Summit Property is comprised of Upper Proterozoic-Lower Cambrian Hyland Group rocks and is bisected by a large northwest-plunging anticline. The dominate lithology is mix of inter-bedded silicified shale, siltstone, and sandstone units. Shale is the most common rock type found and is often very limonitic with orange staining. Purple shale is the dominant bedded unit on the property and strikes anywhere between 290° – 300° and dips to the northeast (Figure 5).

The majority of gold mineralization occurs as soil anomalies proximal to the northwest plunging anticline. These soil samples demonstrated moderate to weak correlations to arsenic, antimony and mercury; and returned silver values commonly below the detection limit (<0.1 ppm). Only one rock grab sample was mapped on the upslope of the anomalous (≥ 60.6 ppb Au) soil samples: 1216328. This rock sample does not have a large gold content (19 ppb Au-fire assay value) and is mapped as a limestone with blocky clasts of slate and shale along and in foliations. East of these soil samples, and south of the anticline, a 5.295 g/t gold (5,295 ppb Au) rock grab sample was taken. This sample (1216211) was taken *in situ* and is described as ferricrete with clasts of shale, quartz-siltstone and orange rust throughout. To the north of the anticline and the anomalous soil samples is an intermediate to mafic intrusion (rock samples 1215103 and 1215104). To the south of the anticlinal fold, brecciated rocks are also found (1216307 and 1216207). The presence of folded miogeoclinal sequences, anticlinal structure, felsic magmatism, breccias, silty limestone and soil signatures of Au-As-Sb-Hg with low Ag all indicate the possibility of Carlin-style gold mineralization (Figures 8 and 15).

Anomalous lead and zinc soil anomalies are also located within the Summit Property boundary (Figures 16 and 17). The lead soil anomalies weakly correlate with gold and are found mainly southeast of the anticline that bisects the property. The zinc soil anomalies were concentrated in the south along the property boundary. Lead and zinc are very weakly correlated in the soil samples and are not expected to represent SEDEX-style mineralization.

In summary, the geological setting and gold mineralization found during the 2011 reconnaissance sampling and mapping program may represent Carlin-style mineralization and further work is recommended.

10. RECOMMENDATIONS

Based on the 2011 field observations and examination of the results a trenching, soil sampling, detailed mapping, prospecting, and the development of a Quality Assurance/Quality Control (QA/QC) program for the Summit Property is recommended. Trenching and soil gridding is recommended to further examine the potential for economic mineralization south of the anticline. In addition, small soil sampling/prospecting programs over the anomalous gold soil sample areas located north of the anticline are advised. Future follow-ups may also be conducted on the zinc soil anomalies that occur along the southern border of the Summit Claims. The total proposed 2012 exploration program budget is \$278,000.

11. PROPOSED 2012 EXPLORATION BUDGET

Proposed Budget	Person-days	Units	Unit Cost	Cost	Sub-Total
<i>Pre-Field Personnel</i>					
Project Supervisor	1		\$ 750.00	\$ 750.00	
Project Geologist	2		\$ 600.00	\$ 1,200.00	
Geologist	2		\$ 500.00	\$ 1,000.00	
Administration	2		\$ 200.00	\$ 400.00	\$ 3,350.00
<i>Field Program</i>					
Personnel					
Project Supervisor	3		\$ 750.00	\$ 2,250.00	
Project Geologist	20		\$ 600.00	\$ 12,000.00	
Geologist	20		\$ 500.00	\$ 10,000.00	
Prospector	40		\$ 400.00	\$ 16,000.00	
Field Assistant	100		\$ 350.00	\$ 35,000.00	\$ 75,250.00
Camp Support					
Food & Accommodation	183		\$ 85.00	\$ 15,555.00	\$ 15,555.00
Equipment Rental					
Satellite Internet	20		\$ 75.00	\$ 1,500.00	
Radios	20		\$ 50.00	\$ 1,000.00	
Generator	20		\$ 50.00	\$ 1,000.00	
Laptops	20		\$ 75.00	\$ 1,500.00	\$ 5,000.00
Costs					
Expediting	20		\$ 25.00	\$ 500.00	
Travel		3	\$1,000.00	\$ 3,000.00	
Fuel	20	1000		\$ 20,000.00	

QA/QC		3	\$1,500.00	\$ 4,500.00	
Sample Supplies	20		\$ 50.00	\$ 1,000.00	\$ 29,000.00

Geochemistry

Soil/Silt Samples		2500	\$ 30.00	\$ 75,000.00	
Rock Samples		250	\$ 30.00	\$ 7,500.00	\$ 82,500.00

Transportation

Truck	20		\$ 85.00	\$ 1,700.00	
Helicopter	20		\$1,000.00	\$ 20,000.00	\$ 21,700.00

Post-Field

Personnel

Project Supervision	2		\$ 750.00	\$ 1,500.00	
Project Geologist	15		\$ 600.00	\$ 9,000.00	
Geologist	10		\$ 500.00	\$ 5,000.00	
Drafting	7		\$ 500.00	\$ 3,500.00	
Office	2		\$ 500.00	\$ 1,000.00	\$ 20,000.00

Sub-Total

10% Contingency					\$ 25,235.00
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Total Proposed Budget

\$ 277,590.00

12. STATEMENT OF COSTS

Exploration Costs Associated with the Summit Property between Aug. 2 nd and Aug. 7 th - 2011		Watson Lake – SUM-1 to SUM-86	
ITEM	COST/UNIT	UNIT AMOUNT	TOTAL
Bell LongRanger (\$1200 + Fuel)	\$ 1,570.00	9.9	\$ 15,543.00
Bell LongRanger (3 hrs /day charged minimums)	\$ 1,200.00	5.1	\$ 6,120.00
ROCK ASSAY	\$ 28.88	63	\$ 1,819.44
SOIL ASSAY	\$ 18.00	205	\$ 3,690.00
SILT ASSAY	\$ 18.00	3	\$ 54.00
Geologist x 1 (Clayton Jones)	\$ 400.00	5	\$ 2,000.00
Geologist x 1 (Diana Benz)	\$ 500.00	5	\$ 2,500.00
SOIL SAMPLERS X 5 X 300/day	\$ 1,500.00	5	\$ 7,500.00
1 x Prospector 450 / day	\$ 450.00	5	\$ 2,250.00
Cook	\$ 300.00	5	\$ 1,500.00
Camp Rental - (Druid Ex)	\$ 1,000.00	5	\$ 5,000.00
Twilight services - Watson Lake (fuel delivery)	\$ 1,500.00	2	\$ 3,000.00
TRUCK RENTAL (DX)	\$ 125.00	5	\$ 625.00
		TOTAL	\$ 53,601.44

12. REFERENCES

- Héon, D. (2003). Selwyn Basin Metallogeny, retrieved from <http://www.geology.gov.yk.ca/metallogeny/selwyn/intro.html#selwynbasin> May 21, 2012.
- Taylor, D.P. (1973a). Geological and Geochemical Report of the Pro 1-40 Mineral Claims of Consolidated Nicholson Mines Ltd. Summit Lake, Yukon Territory Assessment Report 060908.
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- Smith, C.A.S., Meikle, J.C. and Roots, C.F. (eds.), (2004). Ecoregions of the Yukon Territory: Biophysical properties of Yukon landscapes. Agriculture and Agri-Food Canada, PARC Technical Bulletin No. 04-01, Summerland, British Columbia, 313 p.
- Selwyn Resources (2012). Resource Inventory; retrieved May 16, 2012
http://www.selwynresources.com/en/selwyn_resources.cfm.
- Q-Q and histogram plots created using Antaeus data visualization (<http://www.antaeus-data.com/>)
- Tables and correlation statistics created with Microsoft® Excel 2010.
- Maps and Principal Component Analysis created in Esri® ArcGIS 10.
- The text of this report uses the eco-friendlier Garamond serif font which uses less ink and requires fewer pages than the standard Arial font (<http://farlukar.110mb.com/stuff.php#ecofont>)

13. STATEMENT OF QUALIFICATIONS

I, Diana M. Benz, of 10817 Jensen Road, Prince George, B.C., do hereby certify that:

1. I compiled the information based on documentation received from Druid Exploration.
2. I authored all sections of this report on the Summit Property located within the Watson Lake Mining District, Yukon with Clayton Jones, B.Sc. and with the assistance of Daithi Mac Gearailt, B.Sc.
3. I graduated from the University of Windsor, ON in 2006 with a M.Sc. in Earth Sciences, and I am currently a Ph.D. candidate in the Natural Resources and Environmental Studies program at the University of Northern British Columbia.
4. I have regularly updated and expanded my geological knowledge through short courses offered at the BC Association for Mineral Exploration annual conference and by attending conferences and lecture series.
5. From 1996 until present I have practiced geological sciences in the mining and mineral exploration sector.
6. I have been a member of the BC Association of Mineral Exploration since 2004.

Dated at: PRINCE GEORGE, BC the 29th day of May 2012.



Diana Benz, M.Sc., B.I.T.

Takom Exploration Ltd.

I, Clayton Jones, of 1898 Ranch Road, Roberts Creek., B.C., do hereby certify that:

1. I am a mineral exploration geologist with over 2 years of experience working in the Yukon and British Columbia.
2. I am a graduate of University of British Columbia Okanagan (UBCO), with a degree in geology (B.Sc., 2011) and have been involved in geology and mineral exploration continuously since 2009.
3. I am a member of The Association for Mineral Exploration British Columbia, AME BC.

Dated at: Dawson City, Yukon on the 28th day of May, 2012.

Clayton Jones, B.Sc.
Druid Exploration Ltd.

APPENDIX A
FIELD MAPPING STATIONS AND DESCRIPTIONS



Property:
Project Geologist:
GPS Datum & Zone:
Lab:

Date	Rock Sampler	Type	Lab Tag ID	UTM Northing	UTM Easting	Elevation
8/4/2011	Brad Osmond	outcrop	1215104	6909630.02	482639.24	1445
8/6/2011	Inyo Younggreen	outcrop	1216319	6909575.51	482670.73	1474
8/6/2011	Clayton Jones	float	1216163	6910198.39	481276.28	1310
8/4/2011	Michael Glynn	subcrop	1216201	6907038.54	483561.96	1825
8/7/2011	Inyo Younggreen	float	1216336	6909573.33	482649.19	1463
8/4/2011	Brad Osmond	outcrop	1215103	6909618.76	482656.12	1457
8/4/2011	Inyo Younggreen	subcrop	1216303	6907204.47	483455.48	1830
8/4/2011	Inyo Younggreen	outcrop	1216309	6907496.42	483328.05	1791
8/4/2011	Inyo Younggreen	outcrop	1216302	6907165.44	483446.76	1835
8/6/2011	Clayton Jones	outcrop	1216166	6910097.70	481337.18	1299
8/6/2011	Clayton Jones	outcrop	1216164	6910064.06	481247.24	1316
8/7/2011	Clayton Jones	outcrop	1216174	6908908.90	482803.79	1507
8/7/2011	Inyo Younggreen	outcrop	1216330	6908953.56	482790.20	1510
8/7/2011	Clayton Jones	float	1216178	6909022.91	482761.72	1500

Rock Digital Entry

Date	Rock Sampler	Type	Lab Tag ID	UTM Northing	UTM Easting	Elevation
8/4/2011	Inyo Younggreen	float	1216311	6907439.82	483225.37	1756
8/7/2011	Clayton Jones	outcrop	1216179	6909193.92	482580.19	1493
8/7/2011	Clayton Jones	outcrop	1216180	6909247.73	482528.82	1484
8/4/2011	Inyo Younggreen	float	1216304	6907407.82	483497.19	1795
8/6/2011	Michael Glynn	float	1216209	6906978.81	484079.06	1758
8/6/2011	Michael Glynn	float	1216213	6907509.62	484252.21	1647
8/6/2011	Inyo Younggreen	float	1216322	6909701.96	482691.50	1434
8/4/2011	Michael Glynn	outcrop	1216204	6906956.96	483459.97	1818
8/4/2011	Michael Glynn	outcrop	1216205	6906964.34	483453.17	1821
8/4/2011	Inyo Younggreen	outcrop	1216307	6907397.11	483480.78	1792
8/6/2011	Clayton Jones	outcrop	1216165	6910078.99	481297.07	1314
8/4/2011	Inyo Younggreen	outcrop	1216310	6907496.62	483328.81	1794
8/6/2011	Clayton Jones	outcrop	1216167	6909341.16	481200.96	1211
8/7/2011	Inyo Younggreen	float	1216332	6909074.63	482592.02	1489
8/6/2011	Inyo Younggreen	float	1216323	6909640.29	482633.33	1443
8/7/2011	Brad Osmond		1215105	6907185.93	484076.79	1741
8/7/2011	Inyo Younggreen	float	1216327	6907958.73	483022.17	1526

Rock Digital Entry

Date	Rock Sampler	Type	Lab Tag ID	UTM Northing	UTM Easting	Elevation
8/4/2011	Michael Glynn	outcrop	1216202	6906979.43	483511.40	1827
8/4/2011	Michael Glynn	subcrop	1216206	6907067.11	483702.38	1811
8/6/2011	Inyo Younggreen	outcrop	1216317	6909501.31	482750.76	1478
8/4/2011	Inyo Younggreen	outcrop	1216312	6907480.01	483223.16	1751
8/6/2011	Inyo Younggreen	outcrop	1216320	6909681.73	482844.45	1444
8/4/2011	Inyo Younggreen	outcrop	1216308	6907496.53	483322.51	1787
8/7/2011	Inyo Younggreen	outcrop	1216335	6909545.27	482662.30	1467
8/4/2011	Inyo Younggreen	outcrop	1216305	6907399.80	483454.78	1795
8/7/2011	Inyo Younggreen	float	1216329	6908703.01	483078.02	1496
8/6/2011	Inyo Younggreen	outcrop	1216324	6909587.92	482610.88	1444
8/4/2011	Michael Glynn	subcrop	1216207	6906907.44	484123.51	1753
8/6/2011	Michael Glynn	outcrop	1216211	6907314.62	484142.02	1716
8/7/2011	Inyo Younggreen	float	1216326	6907958.27	483464.48	1542

Rock Digital Entry

Date	Rock Sampler	Type	Lab Tag ID	UTM Northing	UTM Easting	Elevation
8/7/2011	Inyo Younggreen	outcrop	1216328	6908042.21	482950.31	1504
8/6/2011	Michael Glynn	subcrop	1216210	6906995.73	484219.19	1750
8/6/2011	Inyo Younggreen	outcrop	1216321	6909688.55	482825.23	1444
8/4/2011	Inyo Younggreen	outcrop	1216306	6907399.42	483452.34	1793
8/6/2011	Inyo Younggreen	outcrop	1216318	6909535.13	482753.71	1480
8/4/2011	Brad Osmond	outcrop	1215102	6909499.95	482740.63	1478
8/6/2011	Clayton Jones	outcrop	1216168	6909333.60	481199.68	1205
8/6/2011	Inyo Younggreen	outcrop	1216314	6909376.92	482832.67	1494
8/7/2011	Inyo Younggreen	float	1216333	6909111.70	482553.84	1486
8/6/2011	Michael Glynn	float	1216212	6907314.73	484143.45	1715
8/4/2011	Inyo Younggreen	float	1216313	6907661.85	483288.48	1693
8/6/2011	Michael Glynn	float	1216208	6906959.04	484061.80	1761
8/6/2011	Inyo Younggreen	outcrop	1216316	6909493.72	482769.44	1480
8/7/2011	Inyo Younggreen	outcrop	1216331	6909049.17	482627.17	1490
8/4/2011	Inyo Younggreen	subcrop	1216301	6907101.28	483500.45	1835

Rock Digital Entry

Date	Rock Sampler	Type	Lab Tag ID	UTM Northing	UTM Easting	Elevation
8/6/2011	Inyo Younggreen	outcrop	1216315	6909455.21	482827.42	1487
8/6/2011	Inyo Younggreen	outcrop	1216325	6910042.19	482475.15	1399
8/4/2011	Michael Glynn	outcrop	1216203	6906981.16	483517.53	1829
8/7/2011	Inyo Younggreen	outcrop	1216334	6909286.77	482461.02	1471

Rock Digital Entry

Summit
Clayton Jones/Diana Benz
Zone 9 NAD 83
Acme

Lab Tag ID	Description	Photo	Date Shipped	Shipping Number	Lab_ID	Certificate
1215104	dark grey/black, fine tex'd diorite? Fizz with HCl, carnate alt'n?, bladed crystals, magnetic (possible magnetite?, diss'd sulphide (pyrrhotite?pyrite?))		9-Aug-11	SUM-2	1215104	WHI11001262
1216319	sulphides (silver-gray) in colour, still green granular siltstone, sulphides small but still visible to the naked eye	yes	9-Aug-11	SUM-2	1216319	WHI11001262
1216163	same as 1216162 but slightly magnetic and increased sulphides, grab, subcrop-felsenmer, from qv materials up to 7 cm wide, lim Mn, precipitating on sheared, waxy textures green siltstone +/- or shale, with qv + along contact margins	yes	9-Aug-11	SUM-2	1216163	WHI11001262
1216201	epidote in qtz, red staining in the qtz, possibly hematite maybe another mineral, heavy fractures and vugs, lots of epidote on all the surrounding rocks, source must be under larger boulders less than 2 m from sample, small sulphides in vug of epidote	yes	9-Aug-11	SUM-2	1216201	WHI11001262
1216336	grit conglomerate with kspat clast? Looks igneous (porphyritic)?, limmey matrix, diss'd pyrite throughout		9-Aug-11	SUM-2	1216336	WHI11001262
1215103	quartz with quartz crystals, vugs with chlorite and thin layered purple shale in vugs	yes	9-Aug-11	SUM-2	1215103	WHI11001262
1216303	green chert with oxidizing fractures, rusty on outside as well	yes	9-Aug-11	SUM-2	1216303	WHI11001262
1216309	large quartz boulders in place, top of ridge, quartz has a shale or hornblende alteration, limonite stain (rusty) throughout the quartz, little vugs, sulphides, oxidized, strike at 280 W NW/no dip	yes	9-Aug-11	SUM-2	1216302	WHI11001262
1216166	limonitic maron shale, orange staining	189	9-Aug-11	SUM-2	1216166	WHI11001262
1216164	conglomerate, white fine tex'd matrix with rounded clast (pebbles) 1-3 cm, no min'l'd		9-Aug-11	SUM-2	1216164	WHI11001262
1216174	sandstone with limonitic quart veins, diss'd sulphides in quartz veins		9-Aug-11	SUM-2	1216174	WHI11001262
1216330	altered shale, schists?, rusty, metamorphics?	yes	9-Aug-11	SUM-2	1216330	WHI11001262
1216178	rounded cobble, fine tex'd mafic igneous rock, (gabro), hornblende pheno's, good magnetism, seen throughout the property		9-Aug-11	SUM-2	1216178	WHI11001262

Rock Digital Entry

Lab Tag ID	Description	Photo	Date Shipped	Shipping Number	Lab_ID	Certificate
1216311	subfloat, qtz with rusty vugs and qtz crystals, lots of qtz float rolling out of the tallis slope of purple shale	yes	9-Aug-11	SUM-2	1216311	WHI11001262
1216179	fine tex'd light grey sandstone with pyrite and limonite riddled throughout		9-Aug-11	SUM-2	1216179	WHI11001262
1216180	redish sandstone with limonite, quartz veins, manganese oxide stringers, balck tarnished zones		9-Aug-11	SUM-2	1216180	WHI11001262
1216304	subfloat, sandstone, looks to be cooked (possible hydrothermal replacement), rusty cracks and vuggs, biotite mica or goethite coating in vuggs	yes	9-Aug-11	SUM-2	1216304	WHI11001262
1216209	grab, float, not far from in situ, altered siltstone, some breccia textures, margins of contact = clay altered some qv's + silicified zones, clasts of waxy siltstone variably limonitic zones + weathering	yes	9-Aug-11	SUM-2	1216209	WHI11001262
1216213	grab, float, milky white quartz with lim +Mn rich zones	yes	9-Aug-11	SUM-2	1216213	WHI11001262
1216322	quartzite, heavily oxidized and heavy, sulphides (pyrites), small vugs, rock appears cooked, honeycombed with vugs (pock marks), hematite staining?, reddish, green staining as well, smaple found in rock slide, near source, however source must be under la	yes	9-Aug-11	SUM-2	1216322	WHI11001262
1216204	chip (1 m) in situ purple shale with ~1% rounded py cubes up to 2 mm3, chip along strike, perpendicular to frac planes to give sample width of 6 cm across bedding/frac planes	yes	9-Aug-11	SUM-2	1216204	WHI11001262
1216205	grab, in situ, purple shale with alteration zones (up to 50 mm wide) of silicification + bleaching to grey color, perpendicular to frac planes/partings, sub rounded, weathered py cubes ~1 mm3 in altered zones and lesser amounts within shale	no	9-Aug-11	SUM-2	1216205	WHI11001262
1216307	breccia (phyllite?), 40-50 m wide exposed, guessing strike at 320 NNW (hard to tell), no dip	yes	9-Aug-11	SUM-2	1216307	WHI11001262
1216165	light red sandstone with quartz veining, limonitic		9-Aug-11	SUM-2	1216165	WHI11001262
1216310	qtz vein from the side (contact) to the sandstone with eroded pyrites, qtz lookes re-silicified and rusty	yes	9-Aug-11	SUM-2	1216310	WHI11001262
1216167	limonite riddled red sandstone with quartz veining		9-Aug-11	SUM-2	1216167	WHI11001262
1216332	chlorite altered silicified qtz with qrt veining, rusty limonite staining with sulphides (pyrite) small	yes	9-Aug-11	SUM-2	1216332	WHI11001262
1216323	qtz granular and veined, rusty, limonite staining, possible sulphides	yes	9-Aug-11	SUM-2	1216323	WHI11001262
1215105			9-Aug-11	SUM-2	1215105	WHI11001262
1216327	qtz veins with smaller cross cutting veins in a silicified qtz (grey) vugs with rust, rust also in silicified qtz	yes	9-Aug-11	SUM-2	1216327	WHI11001262

Rock Digital Entry

Lab Tag ID	Description	Photo	Date Shipped	Shipping Number	Lab_ID	Certificate
1216202	grab, in situ, grey-green altered siltstone?, lightly silicified, some micro dark qtz "eyes" limonitic weathering, multi directional veins/frac planes of Mn + FeO ₂ , some fine lim "eyes"	no	9-Aug-11	SUM-2	1216202	WHI11001262
1216206	grab, subcrop-felsenmer, semi-silicified siltstone tan to grey colour with qv's containg limonite + Mn rich contact zones, some py cubes in siltstone	no	9-Aug-11	SUM-2	1216206	WHI11001262
1216317	sulphides (pyrites) in a green siltstone, small quartz veining, no strike as the rocks are parts of a large outcrop of boulders	yes	9-Aug-11	SUM-2	1216317	WHI11001262
1216312	sandstone, oxidizing where pyrites used to be, sample taken from edge where purple shale starts and the oxidizing sandstone, phyllite stops	yes	9-Aug-11	SUM-2	1216312	WHI11001262
1216320	same green siltstone?, with calcites on outer edge, granular qtz, still silver-grey sulphides throughout, boulder field outcrop, N facing outcrop	yes	9-Aug-11	SUM-2	1216320	WHI11001262
1216308	sandstone with the holes from eroded pyrite, rust left over in the square holes	yes	9-Aug-11	SUM-2	1216308	WHI11001262
1216335	gray and silver pyrite in a greenstone (chlorite altered siltstone)	yes	9-Aug-11	SUM-2	1216335	WHI11001262
1216305	same heavily oxidized coating on cavitated sandstone and on edge (contact), entire outcrop appears to be a brecciated siltstone or maybe phyllite? 40 - 50 m wide N->S)	yes	9-Aug-11	SUM-2	1216305	WHI11001262
1216329	fractured rusty qtz cavities with qtz crystals and limonite staining, chlorite as well (green)	yes	9-Aug-11	SUM-2	1216329	WHI11001262
1216324	sulphides (gray-silver) in colour in the same green-siltstone or a pyrrhotite?, sulphides shotgunned throughout host rock, sample taken from tallus slope (rock slide) but was in place, lots of same rock outcrop	yes	9-Aug-11	SUM-2	1216324	WHI11001262
1216207	grab, subcrop-felsenmer, breccia with large clasts of white qtz vein up to 1 cm x 3 cm matrix?, qtz rich-sugar textures, no fizz with HCl acid	no	9-Aug-11	SUM-2	1216207	WHI11001262
1216211	grab, in situ, ferricrete with clasts of shale, qtz siltstone, orange rust throughout	yes	9-Aug-11	SUM-2	1216211	WHI11001262
1216326	qtz veins in a silicified quartz, red and orange staining (iron oxide and hematite stain), qtz vugs, sample taken just above small creek that is oxidized orange stream	yes	9-Aug-11	SUM-2	1216326	WHI11001262

Rock Digital Entry

Lab Tag ID	Description	Photo	Date Shipped	Shipping Number	Lab_ID	Certificate
	limestone with blocky classes of slate and shale along and in the foliations, rusty around contacts of silicified qtz and shale, strike 350/16 W dipping, 2 m in height exposed at max, 15-20 m exposed length (350 degrees N->S)	yes	9-Aug-11	SUM-2	1216328	WHI11001262
1216210	grab, subcrop-felsenmer, gritty textured, silica rich, no fizz with HCl acid!, low specific gravity, micro dark qtz eyes + rounded voids, limonitic throughout	yes	9-Aug-11	SUM-2	1216210	WHI11001262
1216321	qtz boulder, stuck and buried under tallus slope (boulder field), qtz, calcite and small green epidote crystals, no visible sulphides	yes	9-Aug-11	SUM-2	1216321	WHI11001262
1216306	(phyllite), limonite staining, rusty and heavy breccia, 40-50 m wide N-> S exposed, strike at 320 NNW/no dip	yes	9-Aug-11	SUM-2	1216306	WHI11001262
1216318	west side of outcrop, qtz with calcite, limonite staining, small sulphides (pyrites), qtz veining small but rusty, sulphides appear to be in an epidote altered silicified qtz on outer edge (contact) of qtz calcite and in rust, limonite, strike 48 N/24 W	yes	9-Aug-11	SUM-2	1216318	WHI11001262
1215102	light grey , fine tex'd sandstone, partial silicification, some pyrite, oxidized outer surface		9-Aug-11	SUM-2	1215102	WHI11001262
1216168	quartz vein in sandstone, 10 cm wide, dark oxidized sulphides (asenopyrite and galena),		9-Aug-11	SUM-2	1216168	WHI11001262
1216314	Silicified qtz with qtz veins and micro-cavities, rusty and a small (magnetite) on the sample	yes	9-Aug-11	SUM-2	1216314	WHI11001262
1216333	purple shale or sandstone with qtz veining, stockwork veining, sulphides throughout the purple shale, rusty sections (could be muscovite mica?)	yes	9-Aug-11	SUM-2	1216333	WHI11001262
1216212	grab, float, black to charcoal grey shale or slate with many micro alteration fractures/veinlets along partings, micro qtz crystals + Fe py blebs in alt./bleachings		9-Aug-11	SUM-2	1216212	WHI11001262
1216313	qtz vein on silicified qtz, rust on the fractures and in the silicified qtz	yes	9-Aug-11	SUM-2	1216313	WHI11001262
1216208	grab, float, not far from source, breccia large qv clasts, very limonitic, and some Mn zones, fine grained, dark silica matrix	yes	9-Aug-11	SUM-2	1216208	WHI11001262
1216316	pyrites and chalopyrites?, in silicified qtz, some large	yes	9-Aug-11	SUM-2	1216316	WHI11001262
1216331	shale with small (fine) sulphides pyrite?, silver in colour formed in the rusty spots of the shale	yes	9-Aug-11	SUM-2	1216331	WHI11001262
1216301	shale with possible sulphides, very small but lots in the shale, a little oxidized	yes	9-Aug-11	SUM-2	1216301	WHI11001262

Rock Digital Entry

Lab Tag ID	Description	Photo	Date Shipped	Shipping Number	Lab_ID	Certificate
1216315	qtz veins with limonite stain on sides of qtz veins, small pyrites and other small sulphides, sulphides appear to be in the silicified qtz as well as in place	yes	9-Aug-11	SUM-2	1216315	WHI11001262
1216325	qtz and silicified qtz, very rusty, rust filled cracks, sulphide!, perhaps galena, small but visible	yes	9-Aug-11	SUM-2	1216325	WHI11001262
1216203	grab, in situ, lt grey, semi silicified siltstone, sugary textured with qtz eyes, limonitic	no	9-Aug-11	SUM-2	1216203	WHI11001262
1216334	large qtz veins, smaller qtz veining in a silicified qtz, oxidized and limonite st., chlorite, hematite staining as well, 108 N/can't see dip	yes	9-Aug-11	SUM-2	1216334	WHI11001262

Rock Digital Entry

	Method	WGHT	3B	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	
	Unit	KG	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPB	PPM	
Lab Tag ID	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1
	Method	Wt_kg	Au1_ppb	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	Au_ppb	Th_ppm	
1215104	3B & 1DX15	0.690	1	0.3	95.6	1.0	65.0	0.1	42.5	41.3	889.0	5.8	9.3	0.3	0.9	
1216319	3B & 1DX15	1.500	1	0.3	73.2	1.2	70.0	0.1	37.5	45.7	1130.0	7.5	3.2	0.3	0.8	
1216163	3B & 1DX15	0.940	1	0.2	62.6	1.6	86.0	0.1	43.0	48.1	1637.0	8.7	2.3	0.3	1.3	
1216201	3B & 1DX15	1.100	1	0.2	6.8	1.9	38.0	0.1	12.0	6.7	531.0	1.2	1.7	1.1	0.6	
1216336	3B & 1DX15	0.620	1	0.2	3.6	2.1	11.0	0.1	5.8	6.1	331.0	1.7	2.3	0.3	0.1	
1215103	3B & 1DX15	0.700	1	0.2	72.3	2.1	62.0	0.1	31.2	33.6	1115.0	6.9	50.7	0.3	0.8	
1216303	3B & 1DX15	0.810	1	0.2	3.9	2.4	63.0	0.1	18.6	15.3	136.0	1.4	1.0	0.3	0.6	
1216309	3B & 1DX15	0.410	10	0.5	15.6	2.5	7.0	0.2	1.2	0.4	34.0	1.4	110.5	4.4	3.7	
1216302	3B & 1DX15	0.960	1	0.1	2.8	2.6	36.0	0.1	7.1	5.6	820.0	1.4	0.6	0.3	7.0	
1216166	3B & 1DX15	0.550	3	0.1	19.0	2.8	61.0	0.1	29.4	18.6	514.0	2.8	0.6	0.3	2.9	
1216164	3B & 1DX15	0.660	16	0.1	0.9	2.9	2.0	0.1	0.2	0.4	65.0	0.2	0.7	0.3	1.4	
1216174	3B & 1DX15	1.090	1	0.1	5.4	3.1	55.0	0.1	13.5	10.4	3358.0	2.8	1.3	1.2	4.5	
1216330	3B & 1DX15	0.790	1	0.1	8.5	3.4	135.0	0.1	31.1	23.5	804.0	5.3	0.6	0.6	7.3	
1216178	3B & 1DX15	1.090	1	0.3	62.5	3.4	101.0	0.1	41.9	42.3	1420.0	7.0	1.9	0.3	0.9	

Rock Digital Entry

Lab Tag ID	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1
	Method	Wt_kg	Au1_ppb	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	Au_ppb	Th_ppm
1216311	3B & 1DX15	0.410	1	0.4	3.1	3.5	6.0	0.1	1.7	0.6	40.0	0.4	8.7	2.4	0.6
1216179	3B & 1DX15	1.460	1	0.1	2.2	3.8	52.0	0.1	7.6	7.5	3580.0	2.5	1.6	0.3	3.3
1216180	3B & 1DX15	1.120	1	0.1	6.5	3.8	37.0	0.1	11.3	6.6	516.0	2.1	1.8	0.3	6.7
1216304	3B & 1DX15	0.790	8	1.1	61.5	3.8	37.0	0.1	4.0	1.2	33.0	6.7	500.9	3.3	9.2
1216209	3B & 1DX15	1.040	1	0.3	71.9	4.4	11.0	0.1	1.2	0.6	28.0	2.8	247.0	0.3	3.0
1216213	3B & 1DX15	0.800	5	0.2	4.3	5.9	33.0	0.1	6.4	2.6	700.0	1.9	60.6	0.3	2.4
1216322	3B & 1DX15	1.760	1	1.7	1.3	6.1	74.0	0.1	0.6	11.8	898.0	7.0	11.4	2.3	4.4
1216204	3B & 1DX15	1.560	1	0.1	6.4	6.2	79.0	0.1	31.5	15.3	244.0	4.4	1.4	0.3	9.0
1216205	3B & 1DX15	1.830	1	0.1	9.0	6.2	86.0	0.1	34.2	18.1	340.0	4.0	0.8	0.3	9.0
1216307	3B & 1DX15	0.980	9	0.5	4.8	6.2	1.0	0.1	0.9	0.5	24.0	0.8	20.6	1.3	1.8
1216165	3B & 1DX15	0.810	1	0.1	6.3	6.3	42.0	0.1	10.2	5.1	1692.0	3.1	6.9	0.3	1.7
1216310	3B & 1DX15	0.710	1	0.1	1.9	7.4	0.5	0.4	0.8	0.3	35.0	0.4	8.4	2.8	0.8
1216167	3B & 1DX15	1.110	11	0.2	2.8	7.6	17.0	0.1	7.1	4.0	1568.0	1.9	10.7	7.2	5.4
1216332	3B & 1DX15	1.100	1	0.1	4.0	7.8	44.0	0.1	9.6	6.8	682.0	2.3	1.0	0.9	5.6
1216323	3B & 1DX15	0.700	1	0.2	12.1	8.2	49.0	0.1	22.2	14.8	1912.0	6.0	13.2	1.9	0.1
1215105	3B & 1DX15	1.040	8	0.2	29.9	8.3	9.0	0.1	3.3	2.1	94.0	3.1	953.6	7.8	4.8
1216327	3B & 1DX15	0.640	5	0.2	2.3	9.1	7.0	0.1	3.6	0.7	35.0	0.8	7.0	5.0	5.3

Rock Digital Entry

Lab Tag ID	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1
	Method	Wt_kg	Au1_ppb	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	Au_ppb	Th_ppm
1216202	3B & 1DX15	1.180	1	0.4	28.6	10.0	115.0	0.1	37.3	9.7	517.0	4.9	2.8	0.3	9.3
1216206	3B & 1DX15	1.390	5	0.1	12.0	10.2	60.0	0.1	19.4	11.7	552.0	3.2	6.6	3.1	6.4
1216317	3B & 1DX15	1.120	1	0.7	58.2	11.5	109.0	0.1	27.6	41.5	2938.0	9.2	2.8	0.3	1.1
1216312	3B & 1DX15	0.830	6	1.1	58.6	11.7	13.0	0.1	1.9	0.7	53.0	8.0	166.2	7.4	9.8
1216320	3B & 1DX15	0.780	1	0.4	8.0	11.8	106.0	0.1	5.5	46.5	2598.0	9.7	5.3	0.7	1.4
1216308	3B & 1DX15	1.090	14	0.9	4.3	12.1	3.0	0.1	1.3	0.4	33.0	0.8	23.0	16.5	2.6
1216335	3B & 1DX15	1.180	1	0.4	88.8	12.3	102.0	0.1	47.3	50.0	1353.0	8.0	3.8	0.3	1.3
1216305	3B & 1DX15	1.020	26	3.1	50.0	12.4	36.0	0.1	3.0	0.9	29.0	6.9	759.5	4.9	9.3
1216329	3B & 1DX15	0.810	1	0.2	3.2	13.0	44.0	0.1	7.2	1.8	342.0	1.7	2.6	0.9	0.3
1216324	3B & 1DX15	0.940	1	0.5	76.3	13.0	132.0	0.1	46.7	48.3	2106.0	8.5	3.4	1.8	1.3
1216207	3B & 1DX15	1.260	70	0.5	2.5	14.0	1.0	0.1	0.4	0.2	21.0	0.4	37.2	23.5	2.5
1216211	3B & 1DX15	0.930	5295	0.2	30.9	14.3	79.0	0.1	22.5	5.7	143.0	7.4	868.2	1100.8	9.7
1216326	3B & 1DX15	0.990	11	0.2	3.9	14.6	4.0	0.1	1.6	1.0	61.0	0.8	59.9	11.9	5.6

Rock Digital Entry

Lab Tag ID	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1
	Method	Wt_kg	Au1_ppb	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	Au_ppb	Th_ppm
1216328	3B & 1DX15	1.700	19	0.1	6.3	14.7	12.0	0.1	7.7	4.1	785.0	1.6	10.3	11.9	4.0
1216210	3B & 1DX15	0.970	5	0.3	5.6	16.9	80.0	0.1	14.9	6.0	1564.0	3.0	19.8	2.3	12.8
1216321	3B & 1DX15	0.780	1	0.1	0.8	18.2	9.0	0.1	4.1	6.0	889.0	1.0	1.9	0.3	0.1
1216306	3B & 1DX15	1.150	37	0.6	2.7	18.7	1.0	0.1	0.3	0.1	19.0	1.2	91.8	2.5	8.6
1216318	3B & 1DX15	1.050	4	0.2	59.9	19.3	21.0	0.1	5.7	9.2	5657.0	2.4	7.0	2.2	0.1
1215102	3B & 1DX15	1.270	3	1.0	76.1	19.7	107.0	0.1	24.8	45.2	3784.0	6.9	52.6	0.3	1.3
1216168	3B & 1DX15	0.730	1	0.1	2.0	23.0	24.0	0.1	9.8	5.2	611.0	1.4	6.1	0.7	1.3
1216314	3B & 1DX15	1.060	1	0.5	4.3	24.2	25.0	0.1	6.0	4.3	249.0	1.6	5.1	0.3	3.5
1216333	3B & 1DX15	1.190	1	0.2	20.4	25.4	38.0	0.1	6.1	4.5	800.0	1.6	8.7	0.3	3.9
1216212	3B & 1DX15	1.120	15	0.3	34.7	25.4	110.0	0.1	41.6	17.4	1120.0	4.7	19.3	0.9	8.6
1216313	3B & 1DX15	0.910	6	0.2	3.8	28.8	5.0	0.1	2.2	0.6	43.0	0.8	165.7	6.1	16.6
1216208	3B & 1DX15	1.760	23	0.7	12.3	31.5	62.0	0.1	16.6	1.6	55.0	6.7	758.6	6.7	12.0
1216316	3B & 1DX15	1.830	1	1.9	72.4	49.1	132.0	0.1	32.6	54.3	4166.0	9.2	59.7	2.6	1.2
1216331	3B & 1DX15	1.010	1	0.1	91.5	52.3	90.0	0.2	30.4	17.9	1816.0	3.3	20.3	1.0	9.3
1216301	3B & 1DX15	0.550	1	4.3	32.5	55.8	121.0	0.1	39.0	28.8	429.0	4.7	1.2	1.5	11.5

Rock Digital Entry

Lab Tag ID	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1
	Method	Wt_kg	Au1_ppb	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	Au_ppb	Th_ppm
1216315	3B & 1DX15	1.200	1	0.3	2.0	59.3	32.0	0.1	6.8	4.2	1234.0	1.4	3.3	1.7	3.9
1216325	3B & 1DX15	1.030	1	0.3	12.9	86.9	85.0	0.1	15.6	11.5	1399.0	3.0	13.9	0.9	4.2
1216203	3B & 1DX15	1.000	1	0.1	33.5	137.1	198.0	0.1	41.8	28.8	812.0	7.5	3.3	1.1	8.3
1216334	3B & 1DX15	1.460	1	0.2	1.4	236.1	46.0	0.2	8.8	7.4	1437.0	2.3	2.2	0.3	2.1

Rock Digital Entry

	1DX15 Sr PPM	1DX15 Cd PPM	1DX15 Sb PPM	1DX15 Bi PPM	1DX15 V PPM	1DX15 Ca %	1DX15 P %	1DX15 La PPM	1DX15 Cr PPM	1DX15 Mg %	1DX15 Ba PPM	1DX15 Ti %	1DX15 B PPM	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W PPM
Lab Tag ID	1 Sr_ppm	0.1 Cd_ppm	0.1 Sb_ppm	0.1 Bi_ppm	2 V_ppm	0.01 Ca_pct	0.001 P_pct	1 La_ppm	1 Cr_ppm	0.01 Mg_pct	1 Ba_ppm	0.001 Ti_pct	1 B_ppm	0.01 Al_pct	0.001 Na_pct	0.01 K_pct	0.1 W_ppm
1215104	61.0	0.1	0.1	0.1	136.0	2.1	0.2	14.0	25.0	2.1	78.0	0.3	10.0	2.7	0.1	0.0	0.1
1216319	104.0	0.1	0.3	0.1	178.0	2.5	0.2	14.0	19.0	2.7	449.0	0.3	10.0	3.4	0.0	0.0	0.1
1216163	176.0	0.1	0.3	0.1	237.0	3.9	0.3	23.0	33.0	3.1	79.0	0.0	10.0	3.9	0.0	0.0	0.1
1216201	4.0	0.1	0.1	0.1	3.0	0.0	0.0	0.5	3.0	0.0	12.0	0.0	10.0	0.1	0.0	0.0	0.1
1216336	463.0	0.1	0.1	0.1	76.0	2.5	0.0	1.0	3.0	0.3	64.0	0.1	10.0	1.3	0.0	0.0	0.1
1215103	183.0	0.1	0.7	0.1	125.0	5.2	0.2	14.0	7.0	2.1	69.0	0.0	10.0	2.2	0.0	0.1	0.1
1216303	2.0	0.1	0.1	0.1	5.0	0.0	0.0	0.5	3.0	0.5	6.0	0.0	10.0	0.7	0.0	0.0	0.1
1216309	17.0	0.1	12.1	0.1	5.0	0.0	0.0	5.0	8.0	0.0	41.0	0.0	10.0	0.3	0.0	0.1	0.2
1216302	24.0	0.1	0.1	0.1	5.0	0.1	0.0	0.5	21.0	0.2	1918.0	0.0	10.0	0.5	0.0	0.0	0.1
1216166	18.0	0.1	3.4	0.1	6.0	0.1	0.0	0.5	6.0	0.2	739.0	0.0	10.0	0.6	0.0	0.1	0.1
1216164	16.0	0.1	0.4	0.1	2.0	0.1	0.0	1.0	2.0	0.0	27.0	0.0	10.0	0.2	0.0	0.0	0.1
1216174	25.0	0.2	0.1	0.1	8.0	1.6	0.0	3.0	11.0	0.3	34.0	0.0	10.0	0.7	0.1	0.0	0.1
1216330	35.0	0.1	0.2	0.1	20.0	0.0	0.0	0.5	20.0	1.0	62.0	0.0	10.0	2.2	0.1	0.1	0.1
1216178	77.0	0.1	0.2	0.1	158.0	1.6	0.2	16.0	32.0	2.8	262.0	0.2	10.0	3.1	0.0	0.0	0.1

Rock Digital Entry

Lab Tag ID	1	0.1	0.1	0.1	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1
	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pct	P_pct	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm
1216311	2.0	0.1	1.5	0.1	1.0	0.0	0.0	0.5	2.0	0.0	4.0	0.0	10.0	0.1	0.0	0.0	0.1
1216179	13.0	0.1	0.1	0.1	7.0	0.5	0.0	0.5	19.0	0.4	104.0	0.0	10.0	0.9	0.0	0.0	0.1
1216180	12.0	0.1	0.1	0.1	6.0	0.1	0.0	2.0	5.0	0.0	62.0	0.0	10.0	0.5	0.0	0.1	0.1
1216304	60.0	0.1	18.1	0.2	15.0	0.0	0.2	9.0	21.0	0.0	86.0	0.0	10.0	0.4	0.0	0.1	1.2
1216209	25.0	0.1	4.4	0.1	5.0	0.0	0.0	8.0	8.0	0.0	48.0	0.0	10.0	0.3	0.0	0.1	0.3
1216213	4.0	0.1	0.2	0.1	1.0	0.0	0.0	3.0	13.0	0.0	22.0	0.0	10.0	0.1	0.0	0.0	0.1
1216322	32.0	0.1	0.6	0.1	10.0	1.3	0.1	26.0	0.5	0.5	26.0	0.0	10.0	1.6	0.1	0.0	0.1
1216204	6.0	0.1	0.1	0.1	21.0	0.0	0.0	5.0	24.0	0.5	56.0	0.0	10.0	1.7	0.0	0.3	0.1
1216205	8.0	0.1	0.1	0.3	18.0	0.1	0.0	5.0	23.0	0.5	64.0	0.0	10.0	1.7	0.0	0.3	0.1
1216307	7.0	0.1	7.0	0.1	3.0	0.0	0.0	2.0	4.0	0.0	52.0	0.0	10.0	0.2	0.0	0.1	1.2
1216165	11.0	0.1	0.4	0.1	8.0	0.3	0.1	0.5	15.0	0.4	15.0	0.0	10.0	1.1	0.0	0.1	0.1
1216310	8.0	0.1	1.9	0.1	1.0	0.1	0.0	0.5	2.0	0.0	12.0	0.0	10.0	0.1	0.0	0.0	0.1
1216167	53.0	0.1	0.3	0.1	1.0	2.7	0.0	2.0	3.0	0.3	14.0	0.0	10.0	0.3	0.0	0.1	0.1
1216332	8.0	0.1	0.1	0.1	9.0	0.2	0.1	14.0	16.0	0.3	33.0	0.0	10.0	0.8	0.0	0.0	0.1
1216323	236.0	0.4	0.4	0.1	120.0	20.2	0.0	12.0	3.0	1.5	56.0	0.0	10.0	0.4	0.0	0.0	0.1
1215105	5.0	0.1	1.0	0.1	5.0	0.1	0.0	9.0	7.0	0.0	30.0	0.0	10.0	0.3	0.0	0.1	1.8
1216327	8.0	0.1	1.2	0.1	1.0	0.0	0.0	7.0	2.0	0.0	10.0	0.0	10.0	0.2	0.0	0.0	0.1

Rock Digital Entry

Lab Tag ID	1	0.1	0.1	0.1	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1
	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pct	P_pct	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm
1216202	7.0	0.1	0.1	0.3	20.0	0.1	0.1	3.0	31.0	1.0	36.0	0.0	10.0	2.7	0.0	0.2	0.1
1216206	12.0	0.1	0.2	0.1	5.0	0.0	0.0	3.0	4.0	0.0	34.0	0.0	10.0	0.4	0.0	0.1	0.1
1216317	226.0	0.3	0.2	0.1	301.0	7.6	0.3	23.0	16.0	3.6	171.0	0.0	10.0	2.0	0.0	0.0	0.1
1216312	7.0	0.1	8.4	0.2	28.0	0.0	0.0	1.0	10.0	0.0	35.0	0.0	10.0	0.4	0.0	0.1	0.2
1216320	334.0	0.1	0.2	0.1	259.0	6.0	0.7	36.0	0.5	3.0	59.0	0.0	10.0	4.4	0.0	0.0	0.1
1216308	11.0	0.1	12.1	0.3	6.0	0.0	0.0	1.0	6.0	0.0	34.0	0.0	10.0	0.3	0.0	0.1	0.1
1216335	87.0	0.1	0.8	0.1	158.0	1.4	0.3	18.0	27.0	2.7	178.0	0.2	10.0	3.2	0.0	0.0	0.1
1216305	83.0	0.1	50.2	0.1	28.0	0.1	0.2	9.0	21.0	0.0	87.0	0.0	10.0	0.4	0.0	0.1	1.9
1216329	3.0	0.1	0.5	0.1	4.0	0.1	0.0	0.5	2.0	0.2	7.0	0.0	10.0	0.4	0.0	0.0	0.1
1216324	78.0	0.2	0.1	0.1	181.0	1.9	0.3	19.0	25.0	3.1	149.0	0.3	10.0	3.3	0.0	0.0	0.1
1216207	6.0	0.1	2.8	0.1	1.0	0.0	0.0	8.0	3.0	0.0	37.0	0.0	10.0	0.2	0.0	0.1	0.1
1216211	7.0	0.1	1.4	0.2	4.0	0.0	0.0	20.0	10.0	0.0	38.0	0.0	10.0	0.5	0.0	0.2	0.3
1216326	16.0	0.1	2.1	0.1	4.0	0.1	0.0	3.0	3.0	0.0	16.0	0.0	10.0	0.3	0.0	0.1	0.1

Rock Digital Entry

Lab Tag ID	1	0.1	0.1	0.1	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1
	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pct	P_pct	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm
1216328	532.0	0.1	1.0	0.1	4.0	15.6	0.1	5.0	2.0	0.5	23.0	0.0	10.0	0.2	0.0	0.1	0.1
1216210	5.0	0.1	0.6	0.1	1.0	0.0	0.0	15.0	4.0	0.0	31.0	0.0	10.0	0.5	0.0	0.1	0.1
1216321	413.0	0.1	0.3	0.1	57.0	18.4	0.0	5.0	0.5	0.2	20.0	0.0	10.0	0.6	0.0	0.0	0.1
1216306	44.0	0.1	5.2	0.1	3.0	0.0	0.1	8.0	5.0	0.0	60.0	0.0	10.0	0.2	0.0	0.3	0.6
1216318	650.0	0.8	14.9	0.1	28.0	26.4	0.0	7.0	1.0	0.8	85.0	0.0	10.0	0.1	0.0	0.0	0.1
1215102	153.0	0.1	1.5	0.1	37.0	7.6	0.3	16.0	4.0	1.8	82.0	0.0	10.0	0.4	0.0	0.2	0.1
1216168	27.0	0.1	0.3	0.1	1.0	1.6	0.0	0.5	1.0	0.1	5.0	0.0	10.0	0.1	0.0	0.0	0.1
1216314	5.0	0.1	0.3	0.1	4.0	0.0	0.0	1.0	3.0	0.0	17.0	0.0	10.0	0.3	0.0	0.1	0.1
1216333	24.0	0.1	10.8	0.1	10.0	0.6	0.0	0.5	11.0	0.3	65.0	0.0	10.0	0.3	0.1	0.1	0.1
1216212	57.0	0.1	0.5	0.4	10.0	2.5	0.0	9.0	25.0	0.8	71.0	0.0	10.0	1.9	0.0	0.2	0.1
1216313	66.0	0.1	1.1	0.1	2.0	0.0	0.0	5.0	3.0	0.0	21.0	0.0	10.0	0.3	0.0	0.1	0.1
1216208	101.0	0.1	10.7	0.1	5.0	0.0	0.1	13.0	13.0	0.0	93.0	0.0	10.0	0.3	0.0	0.1	0.4
1216316	158.0	0.2	1.7	0.1	61.0	6.7	0.3	16.0	4.0	1.8	305.0	0.0	10.0	0.6	0.0	0.3	0.1
1216331	15.0	0.1	6.6	0.5	12.0	0.2	0.0	1.0	12.0	0.3	67.0	0.0	10.0	1.0	0.1	0.2	0.1
1216301	9.0	0.1	0.1	0.9	18.0	0.0	0.0	2.0	17.0	0.9	30.0	0.0	10.0	2.2	0.0	0.1	0.1

Rock Digital Entry

Lab Tag ID	1	0.1	0.1	0.1	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1
	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pct	P_pct	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm
1216315	7.0	0.1	0.1	0.1	2.0	0.4	0.0	1.0	3.0	0.1	37.0	0.0	10.0	0.3	0.0	0.0	0.1
1216325	12.0	0.1	0.6	0.2	6.0	0.4	0.0	3.0	4.0	0.1	62.0	0.0	10.0	0.4	0.0	0.1	0.1
1216203	7.0	0.1	0.1	0.3	31.0	0.0	0.0	2.0	41.0	1.6	36.0	0.0	10.0	3.7	0.0	0.1	0.1
1216334	6.0	0.1	0.1	0.5	6.0	0.1	0.0	0.5	6.0	0.3	34.0	0.0	10.0	0.8	0.0	0.1	0.1

	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Hg	Tl	S	Sc	Se	Ga	Te
	PPM	PPM	%	PPM	PPM	PPM	PPM
Lab Tag ID	0.01	0.1	0.05	0.1	0.5	1	0.2
	Hg_ppm	Tl_ppm	S_pct	Sc_ppm	Se_ppm	Ga_ppm	Te_ppm
1215104	0.0	0.1	0.2	3.2	0.3	7.0	0.1
1216319	0.0	0.1	0.2	5.9	0.3	10.0	0.1
1216163	0.0	0.1	0.0	13.9	0.3	13.0	0.1
1216201	0.0	0.1	0.0	0.5	0.3	0.5	0.1
1216336	0.0	0.1	0.0	1.3	0.3	4.0	0.1
1215103	0.0	0.1	0.2	10.1	0.3	7.0	0.1
1216303	0.0	0.1	0.0	0.8	0.3	2.0	0.1
1216309	6.4	1.2	0.0	0.5	0.3	3.0	0.1
1216302	0.0	0.1	0.0	1.6	0.3	2.0	0.1
1216166	0.2	0.1	0.0	1.6	0.3	1.0	0.1
1216164	0.0	0.1	0.0	0.2	0.3	0.5	0.1
1216174	0.0	0.1	0.0	2.9	0.3	3.0	0.1
1216330	0.0	0.1	0.0	2.1	0.3	7.0	0.1
1216178	0.0	0.1	0.1	3.8	0.3	10.0	0.1

Rock Digital Entry

Lab Tag ID	0.01 Hg_ppm	0.1 Tl_ppm	0.05 S_pct	0.1 Sc_ppm	0.5 Se_ppm	1 Ga_ppm	0.2 Te_ppm
1216311	0.1	0.1	0.0	0.3	0.3	0.5	0.1
1216179	0.0	0.1	0.0	2.1	0.3	3.0	0.1
1216180	0.0	0.1	0.0	1.0	0.3	1.0	0.1
1216304	1.7	1.9	0.1	1.1	0.3	8.0	0.1
1216209	0.7	0.1	0.0	0.7	0.3	2.0	0.1
1216213	0.0	0.1	0.0	1.1	0.3	0.5	0.1
1216322	0.0	0.1	1.9	1.7	0.6	12.0	0.1
1216204	0.0	0.1	0.0	1.6	0.3	4.0	0.1
1216205	0.0	0.1	0.0	1.6	0.3	4.0	0.1
1216307	1.9	0.8	0.4	0.4	0.3	0.5	0.1
1216165	0.0	0.1	0.0	1.9	0.3	3.0	0.1
1216310	1.5	0.7	0.0	0.1	0.3	0.5	0.1
1216167	0.0	0.1	0.0	1.7	0.3	0.5	0.1
1216332	0.0	0.1	0.0	1.8	0.3	3.0	0.1
1216323	0.0	0.1	0.1	6.5	0.3	1.0	0.1
1215105	0.7	0.1	0.0	0.8	0.3	3.0	0.1
1216327	0.0	0.1	0.0	0.2	0.3	0.5	0.1

Rock Digital Entry

Lab Tag ID	0.01 Hg_ppm	0.1 Tl_ppm	0.05 S_pct	0.1 Sc_ppm	0.5 Se_ppm	1 Ga_ppm	0.2 Te_ppm
1216202	0.0	0.1	0.0	2.0	0.3	7.0	0.1
1216206	0.0	0.1	0.0	1.4	0.3	0.5	0.1
1216317	0.0	0.1	0.2	18.7	0.3	6.0	0.1
1216312	0.8	0.5	0.0	0.8	0.3	3.0	0.1
1216320	0.0	0.1	0.1	11.4	0.3	14.0	0.1
1216308	2.0	0.7	0.0	0.7	0.3	2.0	0.1
1216335	0.0	0.1	0.2	4.6	0.3	11.0	0.1
1216305	1.2	2.2	0.1	1.3	0.8	7.0	0.1
1216329	0.0	0.1	0.0	2.1	0.3	1.0	0.1
1216324	0.0	0.1	0.2	6.2	0.3	12.0	0.1
1216207	1.2	0.3	0.0	0.2	0.3	0.5	0.1
1216211	0.1	0.3	0.0	1.6	0.6	2.0	0.1
1216326	0.1	0.6	0.0	0.4	0.3	1.0	0.1

Rock Digital Entry

Lab Tag ID	0.01 Hg_ppm	0.1 Tl_ppm	0.05 S_pct	0.1 Sc_ppm	0.5 Se_ppm	1 Ga_ppm	0.2 Te_ppm
1216328	0.0	0.1	0.1	2.1	0.3	0.5	0.1
1216210	0.0	0.1	0.0	1.7	0.3	0.5	0.1
1216321	0.0	0.1	0.0	1.4	0.3	2.0	0.1
1216306	2.7	3.7	0.3	1.5	0.3	3.0	0.1
1216318	0.4	0.1	0.2	3.8	0.3	0.5	0.1
1215102	0.0	0.1	0.1	9.2	0.5	2.0	0.1
1216168	0.0	0.1	0.0	1.9	0.3	0.5	0.1
1216314	0.1	0.1	0.0	1.2	0.3	0.5	0.1
1216333	0.0	0.1	0.0	1.7	0.3	1.0	0.1
1216212	0.0	0.1	0.4	2.7	0.5	6.0	0.1
1216313	0.1	0.1	0.0	0.4	0.3	0.5	0.1
1216208	0.2	0.3	0.0	2.2	0.3	5.0	0.1
1216316	0.0	0.1	0.9	10.2	0.3	2.0	0.1
1216331	0.0	0.1	0.0	2.7	0.3	3.0	0.1
1216301	0.0	0.1	0.0	2.6	0.3	7.0	0.1

Rock Digital Entry

Lab Tag ID	0.01 Hg_ppm	0.1 Tl_ppm	0.05 S_pct	0.1 Sc_ppm	0.5 Se_ppm	1 Ga_ppm	0.2 Te_ppm
1216315	0.0	0.1	0.0	0.9	0.3	0.5	0.1
1216325	0.0	0.1	0.1	2.9	0.3	0.5	0.1
1216203	0.0	0.1	0.0	2.7	0.3	10.0	0.1
1216334	0.0	0.1	0.0	1.8	0.3	3.0	0.1

APPENDIX B
SOIL/SILT SAMPLING STATIONS AND DESCRIPTIONS

Soil Digital Entry



Property:	Summit
Project Geologist:	Clayton Jones/ Diana Benz
GPS Datum & Zone:	NAD 83 Zone 9
Lab:	Acme

Date	Soil Sampler	Map ID	Lab Tag ID	UTM North	UTM East	Elevation	Sample Depth (cm)	Horizon Sampled	Sample Colour
8/6/2011	Thomas Barrett	s-159	1215955	6905499.20	482672.29	1438	70	c	olive grey
8/6/2011	Brad Osmond	s-212	1216056	6906374.43	483160.11	1475	50-60	c	purple
8/6/2011	Brad Osmond	s-232	1216066	6906571.09	482172.13	1335	40-50	c	light brown
8/6/2011	Brad Osmond	s-204	1216050	6906582.66	483470.53	1619	40-50	c	light brown
8/6/2011	Brad Osmond	50 m random	1216044	6906776.82	483725.05	1757	50-60	c	purple
8/6/2011	Brad Osmond	50 m random	1216042	6906832.33	483814.94	1776	50-60	c	light brown
8/6/2011	Brad Osmond	50 m random	1216040	6906908.33	483899.08	1770	40-50	c	light brown
8/4/2011	Greg Galloway		1215702	6907351.65	483444.87	1811	30-40	c	light brown
8/4/2011	Thomas Barrett	s-599	1215927	6909552.77	482205.08	1382	40-50	b/c	light brown
8/4/2011	Brad Osmond	s-651	1216036	6910353.93	481769.37	1281	50-60	b/c	light brown
8/4/2011	Thomas Barrett	s-580	1215916	6909021.58	482968.71	1521	30-40	b/c	light brown
8/4/2011	Thomas Barrett	s-601	1215928	6909570.52	482104.10	1376	40-50	b/c	light brown
8/6/2011	Brad Osmond	s-214	1216057	6906378.79	483051.97	1454	40-50	c	dark grey
8/6/2011	Brad Osmond	50 m random	1216041	6906870.27	483861.36	1763	40-50	c	light brown
8/6/2011	Thomas Barrett	s-139	1215945	6904825.35	483389.27	1578	60	b/c	dark grey
8/6/2011	Brad Osmond	50 m random	1216047	6906683.76	483607.94	1700	40-50	b/c	dark brown
8/6/2011	Thomas Barrett	s-155	1215953	6905352.03	482796.27	1476	45	b/c	light brown
8/6/2011	Brad Osmond	50 m random	1216046	6906716.88	483649.71	1722	40-50	c	dark brown
8/4/2011	Thomas Barrett	s-611	1215933	6909574.06	481634.57	1264	40-50	b/c	light brown
8/6/2011	Brad Osmond	50 m random	1216045	6906745.54	483687.32	1742	80	c	light brown
8/6/2011	Brad Osmond	50 m random	1216039	6906938.00	483941.82	1770	50-60	c	purple
8/6/2011	Brad Osmond	50 m random	1216049	6906622.26	483526.68	1648	40-50	c	dark brown
8/6/2011	Brad Osmond	s-246	1216073	6906840.42	481534.49	1206	60-70	c	dark grey
8/4/2011	Greg Galloway		1215701	6907301.11	483447.40	1818	30-40	c	light brown

Soil Digital Entry

Date	Soil Sampler	Map ID	Lab Tag ID	UTM North	UTM East	Elevation	Sample Depth (cm)	Horizon Sampled	Sample Colour
8/6/2011	Brad Osmond	s-216	1216058	6906372.02	482958.68	1442	40-50	c	dark grey
8/6/2011	Brad Osmond	s-210	1216055	6906386.97	483250.97	1490	60-70	c	light brown
8/6/2011	Thomas Barrett	s-157	1215954	6905426.66	482734.07	1453	55	b/c	dark brown
8/6/2011	Brad Osmond	s-242	1216071	6906774.03	481725.37	1246	60-70	c	dark grey
8/6/2011	Thomas Barrett	s-153	1215952	6905276.84	482861.59	1491	50	b/c	dark grey
8/6/2011	Thomas Barrett	s-145	1215948	6905014.67	483160.41	1543	60	b/c	light brown
8/6/2011	Thomas Barrett	s-161	1215956	6905587.09	482606.84	1422	55	b/c	light grey
8/6/2011	Brad Osmond	s-244	1216072	6906804.09	481622.06	1218	60-70	c	dark grey
8/4/2011	Thomas Barrett	s-586	1215919	6909210.92	482730.12	1502	40-50	b/c	dark brown
8/4/2011	Thomas Barrett	s-570	1215911	6908739.04	483361.85	1499	50-60	c	light brown
8/7/2011	Brad Osmond		1215058	6908604.58	483444.74	1493	50-60	c	light brown
8/6/2011	Thomas Barrett	s-135	1215943	6904686.44	483534.48	1608	86	b/c	dark grey
8/4/2011	Brad Osmond	s-622	1216010	6909386.91	482829.73	1499	40-50	c	dark brown
8/6/2011	Thomas Barrett	s-141	1215946	6904891.25	483309.28	1563	60	b/c	light grey
8/6/2011	Thomas Barrett	s-151	1215951	6905210.99	482934.69	1503	50	b/c	light brown
8/6/2011	Thomas Barrett	s-165	1215958	6905712.30	482455.83	1388	55	b	dark grey
8/6/2011	Brad Osmond	50 m random	1216043	6906801.64	483766.35	1769	40-50	c	purple
8/6/2011	Brad Osmond	s-206	1216052	6906505.78	483407.18	1587	50-60	c	light brown
8/6/2011	Thomas Barrett	s-167	1215959	6905759.45	482369.17	1378	80	c	olive grey
8/6/2011	Brad Osmond	s-205	1216051	6906537.07	483441.81	1600	50-60	c	light brown
8/4/2011	Thomas Barrett	s-591	1215923	6909301.34	482506.76	1481	50-60	b/c	dark brown
8/4/2011	Thomas Barrett	s-603	1215929	6909582.53	482002.86	1352	40-50	b/c	light grey
8/4/2011	Brad Osmond	s-649	1216034	6910296.88	481858.09	1327	60-70	c	light brown
8/6/2011	Thomas Barrett	s-143	1215947	6904953.12	483240.93	1550	45	b/c	light brown
8/6/2011	Thomas Barrett	s-169	1215960	6905807.33	482276.86	1370	75	c	light grey
8/4/2011	Brad Osmond	s-623	1216011	6909429.61	482802.04	1488	40-50	b/c	dark brown
8/4/2011	Thomas Barrett	s-597	1215926	6909491.02	482271.06	1384	40-50	b/c	light grey
8/4/2011	Brad Osmond	s-627	1216015	6909580.77	482678.41	1473	50-60	c	light brown
8/6/2011	Brad Osmond	s-220	1216060	6906430.58	482759.24	1415	40-50	c	light brown
8/6/2011	Brad Osmond	s-234	1216067	6906593.14	482085.70	1313	60-70	c	dark grey
8/6/2011	Brad Osmond	s-240	1216070	6906730.84	481811.99	1265	80	c	dark grey

Soil Digital Entry

Date	Soil Sampler	Map ID	Lab Tag ID	UTM North	UTM East	Elevation	Sample Depth (cm)	Horizon Sampled	Sample Colour
8/6/2011	Thomas Barrett	s-147	1215949	6905075.20	483080.24	1524	40	b/c	dark brown
8/7/2011	Brad Osmond	s-92	1216082	6907243.65	484032.64	1743	50-60	c	light brown
8/4/2011	Brad Osmond	s-652	1216037	6910366.00	481719.47	1276	60-70	c	light brown
8/6/2011	Brad Osmond	s-222	1216061	6906455.14	482667.59	1401	40-50	c	light brown
8/4/2011	Greg Galloway		1215704	6907435.43	483415.27	1808	30-40	c	light brown
8/4/2011	Thomas Barrett	s-588	1215920	6909255.96	482643.41	1506	30-40	b/c	dark brown
8/6/2011	Brad Osmond	s-208	1216054	6906448.56	483328.75	1541	40-50	c	light brown
8/7/2011	Brad Osmond	s-91	1216081	6907201.51	484067.36	1741	50-60	c	light brown
8/6/2011	Brad Osmond	s-226	1216063	6906503.96	482471.97	1381	50-60	c	light grey
8/4/2011	Brad Osmond	s-640	1216028	6910038.28	482203.45	1381	50-60	c	light brown
8/6/2011	Clayton Jones		1216102	6910072.12	481278.56	1315			
8/6/2011	Thomas Barrett	s-163	1215957	6905660.62	482545.54	1401	70	c	light grey
8/4/2011	Thomas Barrett	s-589	1215921	6909270.40	482593.43	1500	30-40	b	dark grey
8/4/2011	Brad Osmond	s-647	1216033	6910235.66	481922.63	1362	40-50	c	light brown
8/4/2011	Michael Glynn		1216251	6907015.00	483701.00	5908			
8/4/2011	Brad Osmond	s-643	1216031	6910115.27	482084.86	1386	40-50	c	light brown
8/6/2011	Brad Osmond	s-230	1216065	6906550.07	482279.01	1349	50-60	c	dark grey
8/6/2011	Brad Osmond	s-238	1216069	6906682.65	481901.39	1283	70-80	c	dark grey
8/4/2011	Brad Osmond	s-619	1216007	6909254.48	482900.99	1509	40-50	c	dark brown
8/6/2011	Brad Osmond	s-224	1216062	6906474.76	482563.86	1388	50-60	c	light grey
8/4/2011	Greg Galloway		1215705	6907490.80	483401.18	1797	40-50	c	light brown
8/4/2011	Brad Osmond	s-641	1216029	6910060.76	482172.55	1367	50-60	c	light brown
8/6/2011	Brad Osmond	s-236	1216068	6906627.25	481982.23	1289	80	c	dark grey
8/6/2011	Brad Osmond	s-207	1216053	6906477.21	483370.89	1572	50-60	c	light brown
8/4/2011	Thomas Barrett	s-562	1215907	6908620.50	483746.24	1518	50-60	c	light brown
8/4/2011	Brad Osmond	s-639	1216027	6910009.24	482252.06	1392	40-50	c	light brown
8/4/2011	Thomas Barrett	s564	1215908	6908644.91	483641.48	1513	50-60	c	light brown
8/4/2011	Brad Osmond	s-632	1216020	6909764.63	482501.17	1405	50-60	c	dark grey
8/6/2011	Michael Glynn		1216252	6906878.45	484000.36	1764			
8/4/2011	Thomas Barrett	s-576	1215914	6908894.63	483118.43	1513	40-50	b/c	dark brown
8/6/2011	Thomas Barrett	s-137	1215944	6904754.58	483460.65	1593	55	b/c	dark grey

Soil Digital Entry

Date	Soil Sampler	Map ID	Lab Tag ID	UTM North	UTM East	Elevation	Sample Depth (cm)	Horizon Sampled	Sample Colour
8/4/2011	Thomas Barrett	s-568	1215910	6908704.28	483458.09	1508	40-50	b/c	dark brown
8/4/2011	Thomas Barrett	s-578	1215915	6908955.10	483034.07	1518	40-50	b/c	light brown
8/4/2011	Brad Osmond	s-614	1216002	6909043.92	483047.03	1534	40-50	c	light brown
8/4/2011	Greg Galloway		1215732	6908267.98	482305.45	1380	30-40	c	light brown
8/4/2011	Brad Osmond	s-633	1216021	6909795.83	482469.82	1402	50-60	c	light brown
8/4/2011	Greg Galloway		1215703	6907395.76	483423.49	1811	30-40	c	light brown
8/4/2011	Brad Osmond	s-634	1216022	6909829.45	482435.18	1397	50-60	c	light brown
8/7/2011	Brad Osmond	s-93	1216083	6907281.24	484005.25	1745	40-50	c	light brown
8/4/2011	Thomas Barrett	s-590	1215922	6909279.52	482552.81	1494	40-50	b/c	dark brown
8/4/2011	Brad Osmond	s-617	1216005	6909170.75	482961.04	1514	40-50	c	light brown
8/4/2011	Greg Galloway		1215733	6908274.35	482256.06	1373	40-50	c	light brown
8/6/2011	Brad Osmond	s-218	1216059	6906396.75	482861.56	1430	50-60	c	light brown
8/6/2011	Brad Osmond	50 m random	1216048	6906651.51	483570.57	1676	50-60	c	light brown
8/4/2011	Thomas Barrett	s-584	1215918	6909149.28	482797.90	1503	40-50	b/c	light brown
8/7/2011	Brad Osmond		1215057	6908504.95	483477.71	1467	50-60	c	light brown
8/4/2011	Brad Osmond	s-624	1216012	6909463.51	482771.62	1484	40-50	c	light brown
8/6/2011	Michael Glynn		1216253	6906962.11	484063.45	1761			
8/7/2011	Brad Osmond	s-94	1216084	6907322.54	483977.14	1742	60-70	c	light brown
8/4/2011	Brad Osmond	s-626	1216014	6909547.03	482710.98	1478	30-40	c	light brown
8/4/2011	Greg Galloway		1215711	6907901.47	483237.77	1564	60-70	c	light brown
8/4/2011	Greg Galloway		1215713	6907981.77	483179.16	1537	40-50	c	light brown
8/4/2011	Thomas Barrett	s-609	1215932	6909608.52	481707.41	1283	50-60	b/c	yellowish orange
8/4/2011	Brad Osmond	s-628	1216016	6909616.57	482648.48	1454	30-40	c	light brown
8/4/2011	Brad Osmond	s-642	1216030	6910091.94	482129.34	1379	50-60	c	light brown
8/4/2011	Brad Osmond	s-621	1216009	6909340.12	482857.23	1505	40-50	c	light brown
8/4/2011	Brad Osmond	s-650	1216035	6910341.06	481818.66	1297	>80	c	light brown
8/4/2011	Brad Osmond	s-636	1216024	6909908.29	482357.03	1390	30-40	b/c	light brown
8/4/2011	Thomas Barrett	s-605	1215930	6909604.63	481902.35	1332	40-50	b/c	dark brown
8/4/2011	Thomas Barrett	s-572	1215912	6908760.73	483265.84	1503	60-70	c	light brown
8/4/2011	Greg Galloway		1215728	6908280.33	482506.15	1400	30-40	c	light brown
8/4/2011	Greg Galloway		1215727	6908283.17	482552.96	1406	60-70	c	light brown

Soil Digital Entry

Date	Soil Sampler	Map ID	Lab Tag ID	UTM North	UTM East	Elevation	Sample Depth (cm)	Horizon Sampled	Sample Colour
8/4/2011	Brad Osmond	s-613	1216001	6909009.67	483072.52	1536	40-50	c	light brown
8/6/2011	Clayton Jones		1216103	6909681.84	481391.07	1257			
8/4/2011	Brad Osmond	s-618	1216006	6909215.61	482931.43	1513	50-60	c	light brown
8/4/2011	Brad Osmond	s-638	1216026	6909973.99	482293.05	1390	50-60	c	light brown
8/4/2011	Thomas Barrett	s-593	1215924	6909352.29	482426.64	1440	40-50	b	dark grey
8/6/2011	Brad Osmond	S-478	1216038	6906972.28	483991.53	1758	30-40	c	light brown
8/4/2011	Thomas Barrett	s-551	1215901	6908549.46	484292.34	1540	60-70	c	yellowish orange
8/4/2011	Thomas Barrett	s-552	1215902	6908545.08	484242.35	1535	60-70	b/c	yellowish orange
8/4/2011	Greg Galloway		1215735	6908244.89	482019.49	1354	50-60	c	light brown
8/7/2011	Brad Osmond	s-118	1215056	6908422.26	483528.88	1478	50-60	c	light brown
8/7/2011	Brad Osmond	s-89	1216079	6907121.10	484125.27	1742	50-60	c	light brown
8/7/2011	Brad Osmond	s-90	1216080	6907158.28	484089.78	1744	50-60	c	light brown
8/4/2011	Greg Galloway		1215707	6907731.14	483336.78	1652	60-70	c	light brown
8/4/2011	Brad Osmond	s-625	1216013	6909501.90	482739.97	1479	50-60	c	light brown
8/4/2011	Greg Galloway		1215734	6908271.54	482154.52	1363	50-60	c	light brown
8/7/2011	Brad Osmond	s-110	1216098	6908066.72	483702.06	1533	50-60	c	light brown
8/4/2011	Brad Osmond	s-635	1216023	6909870.14	482394.60	1391	40-50	c	dark brown
8/7/2011	Brad Osmond	s-101	1216091	6907629.45	483818.22	1636	40-50	c	light brown
8/4/2011	Thomas Barrett	s-554	1215903	6908557.51	484146.01	1533	70-80	b/c	yellowish orange
8/7/2011	Brad Osmond	s-112	1215051	6908214.86	483658.12	1519	50-60	c	light brown
8/4/2011	Greg Galloway		1215724	6908231.33	482698.57	1438	40-50	c	light brown
8/4/2011	Thomas Barrett	s-556	1215904	6908570.00	484050.98	1527	>80	c	yellowish orange
8/7/2011	Brad Osmond	s-100	1216090	6907584.33	483839.90	1673	50-60	c	light brown
8/4/2011	Brad Osmond	s-629	1216017	6909656.86	482605.97	1434	50-60	c	olive grey
8/7/2011	Brad Osmond	s-88	1216078	6907082.12	484151.90	1743	40-50	c	light brown
8/7/2011	Brad Osmond	s-111	1216099	6908113.88	483693.26	1531	50-60	c	light brown
8/7/2011	Brad Osmond	s-112	1216100	6908164.06	483670.79	1524	50-60	c	light brown
8/4/2011	Greg Galloway		1215723	6908209.45	482748.26	1449	50-60	c	light brown
8/6/2011	Brad Osmond	s-228	1216064	6906527.94	482375.69	1366	70-80	c	light grey
8/7/2011	Brad Osmond	s-95	1216085	6907368.67	483949.62	1740	50-60	c	light brown
8/7/2011	Brad Osmond	s-109	1216097	6908021.43	483714.49	1533	50-60	c	light brown

Soil Digital Entry

Date	Soil Sampler	Map ID	Lab Tag ID	UTM North	UTM East	Elevation	Sample Depth (cm)	Horizon Sampled	Sample Colour
8/4/2011	Greg Galloway		1215736	6908270.33	481909.79	1346	40-50	c	light brown
8/4/2011	Thomas Barrett	s-566	1215909	6908674.58	483556.75	1512	70-80	c	light brown
8/4/2011	Greg Galloway		1215706	6907694.48	483333.44	1678	30-40	c	light brown
8/4/2011	Greg Galloway		1215731	6908276.16	482356.13	1384	40-50	c	light brown
8/4/2011	Thomas Barrett	s-558	1215905	6908583.07	483947.35	1527	50-60	c	light brown
8/6/2011	Thomas Barrett	s-149	1215950	6905141.19	483001.06	1516	40	b/c	light brown
8/4/2011	Greg Galloway		1215709	6907817.74	483304.00	1606	30-40	c	light brown
8/7/2011	Brad Osmond	s-116	1215054	6908342.57	483585.95	1493	60-70	c	light brown
8/4/2011	Brad Osmond	s-637	1216025	6909937.01	482323.49	1389	50-60	c	olive grey
8/7/2011	Brad Osmond	s-102	1216092	6907794.51	483818.38	1575	40-50	c	light brown
8/4/2011	Greg Galloway		1215714	6908022.93	483151.93	1524	30-40	c	light brown
8/7/2011	Brad Osmond	s-117	1215055	6908374.38	483555.37	1487	40-50	c	light brown
8/7/2011	Brad Osmond	s-107	1216095	6907923.45	483740.62	1553	40-50	c	light brown
8/4/2011	Brad Osmond	s-645	1216032	6910173.90	481991.14	1380	50-60	c	light brown
8/4/2011	Brad Osmond	s-631	1216019	6909726.16	482544.13	1411	50-60	c	dark brown
8/7/2011	Brad Osmond	s-105	1216093	6907837.79	483740.78	1568	40--50	c	light brown
8/7/2011	Brad Osmond	s-108	1216096	6907975.09	483734.16	1539	60-70	c	light brown
8/7/2011	Brad Osmond	s-106	1216094	6907880.15	483756.83	1559	50-60	c	light brown
8/4/2011	Brad Osmond	s-620	1216008	6909291.24	482870.02	1505	40-50	c	dark brown
8/4/2011	Greg Galloway		1215725	6908246.44	482650.24	1424	40-50	c	light brown
8/4/2011	Greg Galloway		1215720	6908166.47	482886.23	1467	50-60	c	light brown
8/4/2011	Greg Galloway		1215710	6907865.02	483270.28	1581	40-50	c	light brown
8/4/2011	Brad Osmond	s-615	1216003	6909087.69	483015.50	1531	50-60	c	light brown
8/6/2011	Michael Glynn		1216256	6906998.29	484322.73	1749			
8/6/2011	Michael Glynn		1216254	6906973.53	484068.69	1759			
8/7/2011	Brad Osmond	s-96	1216086	6907409.13	483927.67	1738	50-60	c	light brown
8/4/2011	Thomas Barrett	s-574	1215913	6908826.43	483194.76	1510	40-50	b/c	dark brown
8/4/2011	Thomas Barrett	s-595	1215925	6909423.81	482351.12	1415	40-50	b/c	dark brown
8/6/2011	Michael Glynn		1216260	6907499.08	484261.78	1652			
8/7/2011	Brad Osmond	s-114	1215052	6908257.97	483642.64	1511	50-60	c	light brown
8/7/2011	Brad Osmond	s-97	1216087	6907452.07	483904.19	1730	50-60	c	light brown

Soil Digital Entry

Date	Soil Sampler	Map ID	Lab Tag ID	UTM North	UTM East	Elevation	Sample Depth (cm)	Horizon Sampled	Sample Colour
8/4/2011	Greg Galloway		1215708	6907777.96	483324.29	1626	60-70	c	light brown
8/4/2011	Greg Galloway		1215721	6908178.70	482844.18	1464	40-50	c	light brown
8/6/2011	Michael Glynn		1216255	6906922.58	484186.75	1755			
8/4/2011	Greg Galloway		1215712	6907943.41	483207.33	1549	50-60	c	light brown
8/4/2011	Greg Galloway		1215715	6908051.55	483109.96	1514	30-40	c	light brown
8/4/2011	Greg Galloway		1215730	6908281.10	482408.35	1389	40-50	c	light brown
8/4/2011	Greg Galloway		1215726	6908263.13	482607.46	1415	60-70	c	light brown
8/7/2011	Brad Osmond	s-99	1216089	6907544.57	483847.58	1691	30-40	b/c	light brown
8/4/2011	Thomas Barrett	s-612	1215934	6909537.81	481579.60	1268	50-60	b/c	dark brown
8/4/2011	Brad Osmond	s-630	1216018	6909690.99	482571.08	1419	50-60	c	light brown
8/4/2011	Greg Galloway		1215717	6908101.30	483021.52	1496	50-60	c	light brown
8/4/2011	Greg Galloway		1215729	6908283.06	482459.55	1396	40-50	c	light brown
8/6/2011	Michael Glynn		1216258	6906999.12	484217.08	1751			
8/7/2011	Brad Osmond	s-98	1216088	6907494.40	483882.22	1715	30-40	c	light brown
8/7/2011	Brad Osmond	s-115	1215053	6908297.26	483620.24	1500	50-60	c	light brown
8/4/2011	Greg Galloway		1215719	6908151.01	482930.06	1473	50-60	c	light brown
8/6/2011	Clayton Jones		1216104	6909470.00	481179.94	1229			
8/6/2011	Michael Glynn		1216257	6906998.72	484235.65	1753			
8/4/2011	Thomas Barrett	s-607	1215931	6909601.96	481795.00	1304	40-50	b/c	dark brown
8/4/2011	Greg Galloway		1215722	6908201.14	482794.07	1458	50-60	c	light brown
8/4/2011	Greg Galloway		1215718	6908126.89	482974.99	1482	60-70	c	light brown
8/4/2011	Brad Osmond	s-616	1216004	6909129.79	482989.31	1524	40-50	c	light brown
8/4/2011	Greg Galloway		1215716	6908075.35	483066.84	1508	40-50	c	light brown
8/4/2011	Thomas Barrett	s-582	1215917	6909085.88	482885.68	1512	40-50	b/c	dark grey
8/6/2011	Michael Glynn		1216259	6907315.00	484259.00	0			
8/4/2011	Thomas Barrett	s-560	1215906	6908606.44	483850.05	1524	60-70	c	light brown

Soil Digital Entry

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Lab Tag ID	Sample Comp. %						Parent Material	Moisture Content	Vegetation Cover	Topo Position
	Organics	Ang. Rock	Gravel	Sand	Silt	Clay				
1215955		10	0	0		90	weathered bedrock	moist	buck brush	mid slope
1216056		30	30	20		20	weathered bedrock	dry	buck brush	mid slope
1216066		20	30	0	20	30	weathered bedrock	dry	buck brush	mid slope
1216050		25	25	25		25	weathered bedrock	dry	alpine	mid slope
1216044		20	30	20		30	weathered bedrock	dry	alpine	mid slope
1216042		30	30	30		10	weathered bedrock	dry	alpine	mid slope
1216040		40	20	20		20	weathered bedrock	dry	alpine	mid slope
1215702		30	0	50	20	0	weathered bedrock	dry	alpine	ridge top
1215927	20	0	0	0		80	weathered bedrock	m	buck brush	mid slope
1216036		20	0	30	20	30	weathered bedrock	dry	evergreen forest	valley bottom
1215916	30	0	0	0		70	weathered bedrock	m	buck brush	mid slope
1215928		5	0	0		95	weathered bedrock	m	buck brush	mid slope
1216057		20	30	30		30	weathered bedrock	dry	buck brush	mid slope
1216041		30	30	30		10	weathered bedrock	dry	alpine	mid slope
1215945		20	0	0		80	weathered bedrock	moist	buck brush	mid slope
1216047		20	30	0	20	30	weathered bedrock	dry	alpine	mid slope
1215953		15	0	0		85	weathered bedrock	moist	buck brush	mid slope
1216046		20	40	20		20	weathered bedrock	dry	alpine	mid slope
1215933		20	0	0		80	weathered bedrock	m	buck brush	valley bottom
1216045		20	30	20		30	weathered bedrock	dry	alpine	mid slope
1216039		30	20	20		30	weathered bedrock	dry	alpine	ridge top
1216049		30	30	20		20	weathered bedrock	dry	alpine	mid slope
1216073		20	20	0	10	50	weathered bedrock	dry	buck brush	mid slope
1215701		30	0	50	20	0	weathered bedrock	dry	alpine	ridge top

Soil Digital Entry

Lab Tag ID	Sample Comp. %						Parent Material	Moisture Content	Vegetation Cover	Topo Position
	Organics	Ang. Rock	Gravel	Sand	Silt	Clay				
1216058		20	30	0	10	40	weathered bedrock	dry	buck brush	mid slope
1216055		20	40	20		20	weathered bedrock	dry	buck brush	mid slope
1215954		10	0	0		90	weathered bedrock	moist	buck brush	mid slope
1216071	20	0	20	0	20	40	weathered bedrock	partially frozen	buck brush	mid slope
1215952		10	0	0		90	weathered bedrock	moist	buck brush	mid slope
1215948		15	0	0		85	weathered bedrock	moist	buck brush	mid slope
1215956		10	0	0		90	weathered bedrock	moist	buck brush	mid slope
1216072		20	20	0	20	40	weathered bedrock	dry	buck brush	mid slope
1215919	30	0	0	0		70	weathered bedrock	m	alpine	mid slope
1215911		25	0	0		75	weathered bedrock	m	buck brush	plateau
1215058		10	40	25		25	weathered bedrock	dry	buck brush	mid slope
1215943		20	0	0		80	weathered bedrock	moist	alpine	mid slope
1216010		20	20	30		30	weathered bedrock	dry	buck brush	valley bottom
1215946		25	0	0		75	weathered bedrock	moist	buck brush	mid slope
1215951		10	0	0		90	weathered bedrock	moist	buck brush	mid slope
1215958	60	0	0	0		40	weathered bedrock	moist	buck brush	mid slope
1216043		30	30	30		10	weathered bedrock	dry	alpine	mid slope
1216052		10	30	30		30	weathered bedrock	dry	alpine	mid slope
1215959		5	0	0		95	weathered bedrock	moist	buck brush	mid slope
1216051		20	40	20		20	weathered bedrock	dry	alpine	mid slope
1215923		15	0	0		85	weathered bedrock	m	alpine	mid slope
1215929		15	0	0		85	weathered bedrock	m	buck brush	mid slope
1216034		20	30	20		30	weathered bedrock	dry	evergreen forest	mid slope
1215947		0	0	0		100	weathered bedrock	moist	buck brush	mid slope
1215960		10	0	0		90	weathered bedrock	moist	buck brush	mid slope
1216011		20	20	20	10	30	weathered bedrock	dry	buck brush	valley bottom
1215926		20	0	0		80	weathered bedrock	m	evergreen forest	mid slope
1216015		20	30	20		30	weathered bedrock	dry	buck brush	valley bottom
1216060		20	30	0	20	30	weathered bedrock	dry	buck brush	mid slope
1216067		20	20	0	20	40	weathered bedrock	dry	buck brush	mid slope
1216070		20	20	0	20	40	weathered bedrock	dry	buck brush	mid slope

Soil Digital Entry

Lab Tag ID	Sample Comp. %						Parent Material	Moisture Content	Vegetation Cover	Topo Position
	Organics	Ang. Rock	Gravel	Sand	Silt	Clay				
1215949	15	0	0	0		85	weathered bedrock	moist	buck brush	mid slope
1216082		30	30	20		20	weathered bedrock	dry	alpine	ridge top
1216037		20	30	20		30	weathered bedrock	dry	evergreen forest	valley bottom
1216061		20	30	20		30	weathered bedrock	dry	buck brush	mid slope
1215704		30	0	50	20	0	weathered bedrock	dry	alpine	ridge top
1215920		20	0	0		80	weathered bedrock	m	alpine	ridge top
1216054		25	25	25	25	0	weathered bedrock	dry	alpine	mid slope
1216081		20	40	20		20	weathered bedrock	dry	alpine	ridge top
1216063		20	20	0	20	40	weathered bedrock	moist	buck brush	mid slope
1216028		10	30	30		30	weathered bedrock	dry	evergreen forest	mid slope
1216102		0	0	0		0				
1215957		10	0	0		90	weathered bedrock	moist	buck brush	mid slope
1215921	70	30	0	0		0	weathered bedrock	m	alpine	ridge top
1216033		20	0	20	20	40	weathered bedrock	dry	evergreen forest	mid slope
1216251		0	0	0		0				
1216031		20	30	20		30	weathered bedrock	dry	buck brush	mid slope
1216065		20	30	0	20	30	weathered bedrock	dry	buck brush	mid slope
1216069		20	20	0	20	40	weathered bedrock	dry	buck brush	mid slope
1216007		20	40	10		30	weathered bedrock	dry	buck brush	valley bottom
1216062		10	30	0	20	40	weathered bedrock	dry	buck brush	mid slope
1215705		20	0	50	30	0	weathered bedrock	moist	alpine	mid slope
1216029		25	25	20		30	weathered bedrock	dry	evergreen forest	valley bottom
1216068	20	20	20	0	10	30	weathered bedrock	dry	buck brush	mid slope
1216053		25	25	25		25	weathered bedrock	dry	alpine	mid slope
1215907		15	0	0		85	weathered bedrock	m	buck brush	mid slope
1216027		25	25	25		25	weathered bedrock	dry	evergreen forest	mid slope
1215908		5	0	0		95	weathered bedrock	m	buck brush	mid slope
1216020		20	0	20	20	40	weathered bedrock	dry	evergreen forest	mid slope
1216252		0	0	0		0				
1215914		25	0	0		75	weathered bedrock	m	buck brush	mid slope
1215944		40	0	0		60	weathered bedrock	moist	alpine	mid slope

Soil Digital Entry

Lab Tag ID	Sample Comp. %						Parent Material	Moisture Content	Vegetation Cover	Topo Position
	Organics	Ang. Rock	Gravel	Sand	Silt	Clay				
1215910		15	0	0		85	weathered bedrock	m	buck brush	plateau
1215915		15	0	0		85	weathered bedrock	m	buck brush	mid slope
1216002		20	40	20		20	weathered bedrock	dry	buck brush	valley bottom
1215732		0	0	20	60	20	weathered bedrock	moist	evergreen forest	mid slope
1216021		20	30	0	20	30	weathered bedrock	dry	evergreen forest	mid slope
1215703		30	0	50	20	0	weathered bedrock	dry	alpine	ridge top
1216022		20	30	20		30	weathered bedrock	dry	buck brush	valley bottom
1216083		30	30	20		20	weathered bedrock	dry	alpine	ridge top
1215922		25	0	0		75	weathered bedrock	m	alpine	mid slope
1216005		20	40	20		20	weathered bedrock	dry	buck brush	valley bottom
1215733		20	0	20	50	10	weathered bedrock	dry	evergreen forest	mid slope
1216059		0	30	20	20	30	weathered bedrock	dry	buck brush	mid slope
1216048		30	30	30		10	weathered bedrock	dry	alpine	mid slope
1215918		25	0	0		75	weathered bedrock	m	alpine	mid slope
1215057		20	20	20		40	weathered bedrock	moist	evergreen forest	mid slope
1216012		25	25	0	25	25	weathered bedrock	dry	buck brush	valley bottom
1216253		0	0	0		0				
1216084		25	25	25		25	weathered bedrock	dry	alpine	mid slope
1216014		10	30	20	20	20	weathered bedrock	dry	buck brush	valley bottom
1215711		40	0	30	30	0	weathered bedrock	dry	alpine	mid slope
1215713		20	0	50	30	0	weathered bedrock	dry	alpine	mid slope
1215932		25	0	0		75	weathered bedrock	m	buck brush	mid slope
1216016		10	30	30		30	weathered bedrock	dry	evergreen forest	mid slope
1216030		20	20	0	20	40	weathered bedrock	dry	buck brush	mid slope
1216009		20	40	20		20	weathered bedrock	dry	buck brush	valley bottom
1216035		20	20	30		30	weathered bedrock	dry	evergreen forest	mid slope
1216024		20	30	20		30	weathered bedrock	dry	buck brush	mid slope
1215930		25	0	0		75	weathered bedrock	m	buck brush	mid slope
1215912		20	0	0		80	weathered bedrock	m	buck brush	mid slope
1215728		30	0	0	40	30	weathered bedrock	dry	evergreen forest	mid slope
1215727	10	20	0	0	50	20	weathered bedrock	moist	evergreen forest	mid slope

Soil Digital Entry

Lab Tag ID	Sample Comp. %						Parent Material	Moisture Content	Vegetation Cover	Topo Position
	Organics	Ang. Rock	Gravel	Sand	Silt	Clay				
1216001		30	30	20		20	weathered bedrock	dry	buck brush	valley bottom
1216103		0	0	0		0				
1216006		30	30	30		10	weathered bedrock	dry	buck brush	valley bottom
1216026		20	20	0	20	40	weathered bedrock	dry	buck brush	mid slope
1215924	60	0	0	0		40	weathered bedrock	m	buck brush	mid slope
1216038		30	30	20		20	weathered bedrock	dry	alpine	ridge top
1215901		15	0	0		85	weathered bedrock	m	buck brush	mid slope
1215902		10	0	0		90	weathered bedrock	m	buck brush	mid slope
1215735		10	10	0	40	40	weathered bedrock	m	evergreen forest	mid slope
1215056		20	30	20		30	weathered bedrock	dry	evergreen forest	valley bottom
1216079		25	25	25		25	weathered bedrock	dry	alpine	ridge top
1216080		20	30	30		20	weathered bedrock	dry	alpine	ridge top
1215707		10	0	20	40	30	weathered bedrock	moist	alpine	mid slope
1216013		20	30	20		30	weathered bedrock	dry	buck brush	valley bottom
1215734		10	0	10	30	50	weathered bedrock	moist	buck brush	mid slope
1216098		20	20	40		20	weathered bedrock	dry	buck brush	mid slope
1216023		25	25	0	25	25	weathered bedrock	dry	buck brush	valley bottom
1216091		30	30	20		20	weathered bedrock	dry	alpine	mid slope
1215903		10	0	0		90	weathered bedrock	m	buck brush	mid slope
1215051		10	40	30		20	weathered bedrock	dry	evergreen forest	mid slope
1215724	10	10	0	10	50	20	weathered bedrock	dry	evergreen forest	mid slope
1215904		15	0	0		85	weathered bedrock	m	buck brush	mid slope
1216090		20	30	20		30	weathered bedrock	dry	alpine	mid slope
1216017		20	20	0	20	40	weathered bedrock	dry	evergreen forest	mid slope
1216078		25	25	25		25	weathered bedrock	dry	alpine	ridge top
1216099		25	25	25		25	weathered bedrock	dry	evergreen forest	mid slope
1216100		20	40	20		20	weathered bedrock	dry	evergreen forest	mid slope
1215723		10	0	20	50	20	weathered bedrock	moist	evergreen forest	mid slope
1216064		20	20	0	20	40	weathered bedrock	dry	buck brush	mid slope
1216085		20	30	30		20	weathered bedrock	dry	alpine	mid slope
1216097		20	30	30		20	weathered bedrock	dry	buck brush	mid slope

Soil Digital Entry

Lab Tag ID	Sample Comp. %						Parent Material	Moisture Content	Vegetation Cover	Topo Position
	Organics	Ang. Rock	Gravel	Sand	Silt	Clay				
1215736	10	20	0	30	40	0	weathered bedrock	dry	evergreen forest	mid slope
1215909		20	0	0		80	weathered bedrock	m	buck brush	plateau
1215706		30	0	40	30	0	weathered bedrock	dry	alpine	mid slope
1215731		0	0	30	50	20	weathered bedrock	dry	evergreen forest	mid slope
1215905		10	0	0		90	weathered bedrock	m	buck brush	mid slope
1215950		0	0	0		100	weathered bedrock	moist	buck brush	mid slope
1215709		20	0	50	30	0	weathered bedrock	dry	alpine	mid slope
1215054		10	40	25		25	weathered bedrock	dry	evergreen forest	mid slope
1216025		20	20	0	20	40	weathered bedrock	dry	evergreen forest	mid slope
1216092		20	30	30		20	weathered bedrock	dry	alpine	mid slope
1215714		30	0	50	20	0	weathered bedrock	dry	alpine	mid slope
1215055		10	40	20		30	weathered bedrock	dry	evergreen forest	mid slope
1216095		20	30	30		20	weathered bedrock	dry	buck brush	mid slope
1216032		20	30	20		30	weathered bedrock	dry	evergreen forest	mid slope
1216019		20	0	20	20	40	weathered bedrock	dry	evergreen forest	mid slope
1216093		20	30	30		20	weathered bedrock	dry	alpine	mid slope
1216096		20	30	20		30	weathered bedrock	dry	buck brush	mid slope
1216094		20	30	20		30	weathered bedrock	dry	buck brush	mid slope
1216008		30	30	10		30	weathered bedrock	dry	buck brush	valley bottom
1215725		10	0	30	40	20	weathered bedrock	dry	evergreen forest	mid slope
1215720		10	0	20	40	30	weathered bedrock	dry	evergreen forest	mid slope
1215710		20	0	30	40	10	weathered bedrock	dry	alpine	mid slope
1216003		25	25	25		25	weathered bedrock	dry	buck brush	valley bottom
1216256		0	0	0		0				
1216254		0	0	0		0				
1216086		25	25	25		25	weathered bedrock	dry	alpine	mid slope
1215913		30	0	0		70	weathered bedrock	m	alpine	mid slope
1215925		35	0	0		65	weathered bedrock	m	buck brush	mid slope
1216260		0	0	0		0				
1215052		20	40	20		20	weathered bedrock	dry	evergreen forest	mid slope
1216087		30	30	20		20	weathered bedrock	dry	alpine	mid slope

Soil Digital Entry

Lab Tag ID	Sample Comp. %						Parent Material	Moisture Content	Vegetation Cover	Topo Position
	Organics	Ang. Rock	Gravel	Sand	Silt	Clay				
1215708		10	0	30	40	20	weathered bedrock	dry	alpine	mid slope
1215721		20	0	0	40	40	weathered bedrock	moist	buck brush	mid slope
1216255		0	0	0		0				
1215712		30	0	30	30	10	weathered bedrock	dry	alpine	mid slope
1215715		20	0	50	30	0	weathered bedrock	dry	alpine	mid slope
1215730		30	0	50	20	0	weathered bedrock	dry	evergreen forest	mid slope
1215726	10	20	0	40	30	0	weathered bedrock	dry	evergreen forest	mid slope
1216089		25	25	25		25	weathered bedrock	dry	alpine	mid slope
1215934		15	0	0		85	weathered bedrock	m	buck brush	mid slope
1216018		25	25	25		25	weathered bedrock	dry	evergreen forest	mid slope
1215717		10	0	20	50	20	weathered bedrock	dry	alpine	mid slope
1215729		20	0	40	40	0	weathered bedrock	dry	evergreen forest	mid slope
1216258		0	0	0		0				
1216088		20	30	30		20	weathered bedrock	dry	alpine	mid slope
1215053		20	20	30		20	weathered bedrock	dry	evergreen forest	mid slope
1215719		10	0	20	40	30	weathered bedrock	moist	evergreen forest	mid slope
1216104		0	0	0		0				
1216257		0	0	0		0				
1215931		30	0	0		70	weathered bedrock	m	buck brush	mid slope
1215722		30	0	0	40	30	weathered bedrock	moist	buck brush	mid slope
1215718		20	0	0	30	50	weathered bedrock	moist	evergreen forest	mid slope
1216004		20	30	30		20	weathered bedrock	dry	buck brush	valley bottom
1215716		20	0	20	40	20	weathered bedrock	dry	alpine	mid slope
1215917		30	0	0		70	weathered bedrock	m	alpine	mid slope
1216259		0	0	0		0				
1215906		15	0	0		85	weathered bedrock	m	buck brush	mid slope

Soil Digital Entry

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Method	1DX15
Analyte	Mo
PPM	PPM

MDL 0.1

Lab Tag ID	Photograph Number	Date Shipped	Shipping Number	Comment	Lab_ID	Certificate	Method	Mo_ppm
1215955		8/9/2011	SUM-1		1215955	WHI11001212	1DX15	1.30
1216056	19	8/9/2011	SUM-1		1216056	WHI11001212	1DX15	0.50
1216066	29	8/9/2011	SUM-1		1216066	WHI11001212	1DX15	0.50
1216050	13	8/9/2011	SUM-1		1216050	WHI11001212	1DX15	1.30
1216044	7	8/9/2011	SUM-1		1216044	WHI11001212	1DX15	1.20
1216042	5	8/9/2011	SUM-1		1216042	WHI11001212	1DX15	0.60
1216040	3	8/9/2011	SUM-1		1216040	WHI11001212	1DX15	0.50
1215702		8/9/2011	SUM-1		1215702	WHI11001212	1DX15	1.80
1215927		8/9/2011	SUM-1		1215927	WHI11001212	1DX15	0.05
1216036		8/9/2011	SUM-1		1216036	WHI11001212	1DX15	0.20
1215916		8/9/2011	SUM-1		1215916	WHI11001212	1DX15	0.20
1215928		8/9/2011	SUM-1		1215928	WHI11001212	1DX15	0.20
1216057	20	8/9/2011	SUM-1		1216057	WHI11001212	1DX15	0.50
1216041	4	8/9/2011	SUM-1		1216041	WHI11001212	1DX15	0.60
1215945		8/9/2011	SUM-1		1215945	WHI11001212	1DX15	17.80
1216047	10	8/9/2011	SUM-1		1216047	WHI11001212	1DX15	1.20
1215953		8/9/2011	SUM-1		1215953	WHI11001212	1DX15	1.10
1216046	9	8/9/2011	SUM-1		1216046	WHI11001212	1DX15	1.00
1215933		8/9/2011	SUM-1		1215933	WHI11001212	1DX15	0.40
1216045	8	8/9/2011	SUM-1		1216045	WHI11001212	1DX15	0.60
1216039	2	8/9/2011	SUM-1		1216039	WHI11001212	1DX15	0.60
1216049	12	8/9/2011	SUM-1		1216049	WHI11001212	1DX15	1.20
1216073	36	8/9/2011	SUM-1		1216073	WHI11001212	1DX15	2.90
1215701		8/9/2011	SUM-1		1215701	WHI11001212	1DX15	0.70

Soil Digital Entry

Lab Tag ID	Photograph Number	Date Shipped	Shipping Number	Comment	Lab_ID	Certificate	Method	Mo_ppm
1216058	21	8/9/2011	SUM-1		1216058	WHI11001212	1DX15	0.20
1216055	18	8/9/2011	SUM-1		1216055	WHI11001212	1DX15	0.60
1215954		8/9/2011	SUM-1		1215954	WHI11001212	1DX15	1.30
1216071	34	8/9/2011	SUM-1		1216071	WHI11001212	1DX15	2.80
1215952		8/9/2011	SUM-1		1215952	WHI11001212	1DX15	4.40
1215948		8/9/2011	SUM-1		1215948	WHI11001212	1DX15	1.50
1215956		8/9/2011	SUM-1		1215956	WHI11001212	1DX15	1.00
1216072	35	8/9/2011	SUM-1		1216072	WHI11001212	1DX15	1.20
1215919		8/9/2011	SUM-1		1215919	WHI11001212	1DX15	0.30
1215911		8/9/2011	SUM-1		1215911	WHI11001212	1DX15	0.60
1215058		8/9/2011	SUM-1		1215058	WHI11001212	1DX15	0.50
1215943		8/9/2011	SUM-1		1215943	WHI11001212	1DX15	5.40
1216010		8/9/2011	SUM-1		1216010	WHI11001212	1DX15	0.60
1215946		8/9/2011	SUM-1		1215946	WHI11001212	1DX15	4.70
1215951		8/9/2011	SUM-1		1215951	WHI11001212	1DX15	4.50
1215958		8/9/2011	SUM-1		1215958	WHI11001212	1DX15	5.10
1216043	6	8/9/2011	SUM-1		1216043	WHI11001212	1DX15	1.00
1216052	15	8/9/2011	SUM-1		1216052	WHI11001212	1DX15	0.60
1215959		8/9/2011	SUM-1		1215959	WHI11001212	1DX15	1.60
1216051	14	8/9/2011	SUM-1		1216051	WHI11001212	1DX15	1.10
1215923		8/9/2011	SUM-1		1215923	WHI11001212	1DX15	0.60
1215929		8/9/2011	SUM-1		1215929	WHI11001212	1DX15	0.30
1216034		8/9/2011	SUM-1		1216034	WHI11001212	1DX15	0.40
1215947		8/9/2011	SUM-1		1215947	WHI11001212	1DX15	2.00
1215960		8/9/2011	SUM-1		1215960	WHI11001212	1DX15	1.30
1216011		8/9/2011	SUM-1		1216011	WHI11001212	1DX15	0.50
1215926		8/9/2011	SUM-1		1215926	WHI11001212	1DX15	0.80
1216015		8/9/2011	SUM-1		1216015	WHI11001212	1DX15	0.90
1216060	23	8/9/2011	SUM-1		1216060	WHI11001212	1DX15	0.40
1216067	30	8/9/2011	SUM-1		1216067	WHI11001212	1DX15	3.10
1216070	33	8/9/2011	SUM-1		1216070	WHI11001212	1DX15	4.90

Soil Digital Entry

Lab Tag ID	Photograph Number	Date Shipped	Shipping Number	Comment	MDL 0.1			
					Lab_ID	Certificate	Method	Mo_ppm
1215949		8/9/2011	SUM-1		1215949	WHI11001212	1DX15	4.70
1216082		8/9/2011	SUM-1		1216082	WHI11001212	1DX15	1.10
1216037		8/9/2011	SUM-1		1216037	WHI11001212	1DX15	0.90
1216061	24	8/9/2011	SUM-1		1216061	WHI11001212	1DX15	0.50
1215704		8/9/2011	SUM-1		1215704	WHI11001212	1DX15	3.00
1215920		8/9/2011	SUM-1		1215920	WHI11001212	1DX15	1.00
1216054	17	8/9/2011	SUM-1		1216054	WHI11001212	1DX15	0.60
1216081		8/9/2011	SUM-1		1216081	WHI11001212	1DX15	1.00
1216063	26	8/9/2011	SUM-1		1216063	WHI11001212	1DX15	1.30
1216028		8/9/2011	SUM-1		1216028	WHI11001212	1DX15	0.80
1216102		8/9/2011	SUM-1		1216102	WHI11001212	1DX15	2.00
1215957		8/9/2011	SUM-1		1215957	WHI11001212	1DX15	3.70
1215921		8/9/2011	SUM-1		1215921	WHI11001212	1DX15	2.00
1216033		8/9/2011	SUM-1		1216033	WHI11001212	1DX15	0.50
1216251		8/9/2011	SUM-1		1216251	WHI11001212	1DX15	0.90
1216031		8/9/2011	SUM-1		1216031	WHI11001212	1DX15	0.60
1216065	28	8/9/2011	SUM-1		1216065	WHI11001212	1DX15	0.60
1216069	32	8/9/2011	SUM-1		1216069	WHI11001212	1DX15	4.10
1216007		8/9/2011	SUM-1		1216007	WHI11001212	1DX15	0.90
1216062	25	8/9/2011	SUM-1		1216062	WHI11001212	1DX15	0.30
1215705		8/9/2011	SUM-1		1215705	WHI11001212	1DX15	3.50
1216029		8/9/2011	SUM-1		1216029	WHI11001212	1DX15	0.70
1216068	31	8/9/2011	SUM-1		1216068	WHI11001212	1DX15	2.40
1216053	16	8/9/2011	SUM-1		1216053	WHI11001212	1DX15	0.90
1215907		8/9/2011	SUM-1		1215907	WHI11001212	1DX15	0.40
1216027		8/9/2011	SUM-1		1216027	WHI11001212	1DX15	0.80
1215908		8/9/2011	SUM-1		1215908	WHI11001212	1DX15	0.60
1216020		8/9/2011	SUM-1		1216020	WHI11001212	1DX15	0.60
1216252		8/9/2011	SUM-1		1216252	WHI11001212	1DX15	0.10
1215914		8/9/2011	SUM-1		1215914	WHI11001212	1DX15	0.60
1215944		8/9/2011	SUM-1		1215944	WHI11001212	1DX15	13.10

Soil Digital Entry

Lab Tag ID	Photograph Number	Date Shipped	Shipping Number	Comment	MDL 0.1			
					Lab_ID	Certificate	Method	Mo_ppm
1215910		8/9/2011	SUM-1		1215910	WHI11001212	1DX15	0.90
1215915		8/9/2011	SUM-1		1215915	WHI11001212	1DX15	0.70
1216002		8/9/2011	SUM-1		1216002	WHI11001212	1DX15	2.30
1215732		8/9/2011	SUM-1		1215732	WHI11001212	1DX15	0.70
1216021		8/9/2011	SUM-1		1216021	WHI11001212	1DX15	0.50
1215703		8/9/2011	SUM-1		1215703	WHI11001212	1DX15	0.70
1216022		8/9/2011	SUM-1		1216022	WHI11001212	1DX15	0.60
1216083		8/9/2011	SUM-1		1216083	WHI11001212	1DX15	0.60
1215922		8/9/2011	SUM-1		1215922	WHI11001212	1DX15	0.90
1216005		8/9/2011	SUM-1		1216005	WHI11001212	1DX15	0.80
1215733		8/9/2011	SUM-1		1215733	WHI11001212	1DX15	0.50
1216059	22	8/9/2011	SUM-1		1216059	WHI11001212	1DX15	0.50
1216048	11	8/9/2011	SUM-1		1216048	WHI11001212	1DX15	1.10
1215918		8/9/2011	SUM-1		1215918	WHI11001212	1DX15	0.80
1215057		8/9/2011	SUM-1		1215057	WHI11001212	1DX15	0.70
1216012		8/9/2011	SUM-1		1216012	WHI11001212	1DX15	1.00
1216253		8/9/2011	SUM-1		1216253	WHI11001212	1DX15	0.80
1216084		8/9/2011	SUM-1		1216084	WHI11001212	1DX15	0.90
1216014		8/9/2011	SUM-1		1216014	WHI11001212	1DX15	1.10
1215711		8/9/2011	SUM-1		1215711	WHI11001212	1DX15	0.40
1215713		8/9/2011	SUM-1		1215713	WHI11001212	1DX15	0.40
1215932		8/9/2011	SUM-1		1215932	WHI11001212	1DX15	0.40
1216016		8/9/2011	SUM-1		1216016	WHI11001212	1DX15	1.90
1216030		8/9/2011	SUM-1		1216030	WHI11001212	1DX15	1.70
1216009		8/9/2011	SUM-1		1216009	WHI11001212	1DX15	1.10
1216035		8/9/2011	SUM-1		1216035	WHI11001212	1DX15	2.40
1216024		8/9/2011	SUM-1		1216024	WHI11001212	1DX15	1.30
1215930		8/9/2011	SUM-1		1215930	WHI11001212	1DX15	1.10
1215912		8/9/2011	SUM-1		1215912	WHI11001212	1DX15	0.60
1215728		8/9/2011	SUM-1		1215728	WHI11001212	1DX15	0.60
1215727		8/9/2011	SUM-1		1215727	WHI11001212	1DX15	0.70

Soil Digital Entry

Lab Tag ID	Photograph Number	Date Shipped	Shipping Number	Comment	MDL 0.1			
					Lab_ID	Certificate	Method	Mo_ppm
1216001		8/9/2011	SUM-1		1216001	WHI11001212	1DX15	0.80
1216103		8/9/2011	SUM-1		1216103	WHI11001212	1DX15	1.20
1216006		8/9/2011	SUM-1		1216006	WHI11001212	1DX15	0.80
1216026		8/9/2011	SUM-1		1216026	WHI11001212	1DX15	0.60
1215924		8/9/2011	SUM-1		1215924	WHI11001212	1DX15	0.80
1216038	1	8/9/2011	SUM-1		1216038	WHI11001212	1DX15	0.50
1215901		8/9/2011	SUM-1		1215901	WHI11001212	1DX15	0.30
1215902		8/9/2011	SUM-1		1215902	WHI11001212	1DX15	0.40
1215735		8/9/2011	SUM-1		1215735	WHI11001212	1DX15	0.90
1215056		8/9/2011	SUM-1		1215056	WHI11001212	1DX15	0.70
1216079		8/9/2011	SUM-1		1216079	WHI11001212	1DX15	0.90
1216080		8/9/2011	SUM-1		1216080	WHI11001212	1DX15	0.80
1215707		8/9/2011	SUM-1		1215707	WHI11001212	1DX15	0.50
1216013		8/9/2011	SUM-1		1216013	WHI11001212	1DX15	0.90
1215734		8/9/2011	SUM-1		1215734	WHI11001212	1DX15	1.00
1216098		8/9/2011	SUM-1		1216098	WHI11001212	1DX15	0.60
1216023		8/9/2011	SUM-1		1216023	WHI11001212	1DX15	0.60
1216091		8/9/2011	SUM-1		1216091	WHI11001212	1DX15	0.60
1215903		8/9/2011	SUM-1		1215903	WHI11001212	1DX15	0.40
1215051		8/9/2011	SUM-1		1215051	WHI11001212	1DX15	0.50
1215724		8/9/2011	SUM-1		1215724	WHI11001212	1DX15	0.80
1215904		8/9/2011	SUM-1		1215904	WHI11001212	1DX15	0.40
1216090		8/9/2011	SUM-1		1216090	WHI11001212	1DX15	0.40
1216017		8/9/2011	SUM-1		1216017	WHI11001212	1DX15	0.70
1216078		8/9/2011	SUM-1		1216078	WHI11001212	1DX15	1.10
1216099		8/9/2011	SUM-1		1216099	WHI11001212	1DX15	0.50
1216100		8/9/2011	SUM-1		1216100	WHI11001212	1DX15	0.50
1215723		8/9/2011	SUM-1		1215723	WHI11001212	1DX15	0.90
1216064	27	8/9/2011	SUM-1		1216064	WHI11001212	1DX15	0.60
1216085		8/9/2011	SUM-1		1216085	WHI11001212	1DX15	0.70
1216097		8/9/2011	SUM-1		1216097	WHI11001212	1DX15	0.90

Soil Digital Entry

Lab Tag ID	Photograph Number	Date Shipped	Shipping Number	Comment	MDL 0.1			
					Lab_ID	Certificate	Method	Mo_ppm
1215736		8/9/2011	SUM-1		1215736	WHI11001212	1DX15	0.90
1215909		8/9/2011	SUM-1		1215909	WHI11001212	1DX15	0.40
1215706		8/9/2011	SUM-1		1215706	WHI11001212	1DX15	0.50
1215731		8/9/2011	SUM-1		1215731	WHI11001212	1DX15	0.60
1215905		8/9/2011	SUM-1		1215905	WHI11001212	1DX15	0.50
1215950		8/9/2011	SUM-1		1215950	WHI11001212	1DX15	1.10
1215709		8/9/2011	SUM-1		1215709	WHI11001212	1DX15	0.30
1215054		8/9/2011	SUM-1		1215054	WHI11001212	1DX15	0.70
1216025		8/9/2011	SUM-1		1216025	WHI11001212	1DX15	0.50
1216092		8/9/2011	SUM-1		1216092	WHI11001212	1DX15	0.40
1215714		8/9/2011	SUM-1		1215714	WHI11001212	1DX15	0.50
1215055		8/9/2011	SUM-1		1215055	WHI11001212	1DX15	0.60
1216095		8/9/2011	SUM-1		1216095	WHI11001212	1DX15	0.50
1216032		8/9/2011	SUM-1		1216032	WHI11001212	1DX15	0.50
1216019		8/9/2011	SUM-1		1216019	WHI11001212	1DX15	0.70
1216093		8/9/2011	SUM-1		1216093	WHI11001212	1DX15	0.30
1216096		8/9/2011	SUM-1		1216096	WHI11001212	1DX15	0.50
1216094		8/9/2011	SUM-1		1216094	WHI11001212	1DX15	0.40
1216008		8/9/2011	SUM-1		1216008	WHI11001212	1DX15	1.20
1215725		8/9/2011	SUM-1		1215725	WHI11001212	1DX15	0.60
1215720		8/9/2011	SUM-1		1215720	WHI11001212	1DX15	0.70
1215710		8/9/2011	SUM-1		1215710	WHI11001212	1DX15	0.60
1216003		8/9/2011	SUM-1		1216003	WHI11001212	1DX15	1.00
1216256		8/9/2011	SUM-1		1216256	WHI11001212	1DX15	0.60
1216254		8/9/2011	SUM-1		1216254	WHI11001212	1DX15	0.50
1216086		8/9/2011	SUM-1		1216086	WHI11001212	1DX15	0.70
1215913		8/9/2011	SUM-1		1215913	WHI11001212	1DX15	0.70
1215925		8/9/2011	SUM-1		1215925	WHI11001212	1DX15	1.10
1216260		8/9/2011	SUM-1		1216260	WHI11001212	1DX15	0.60
1215052		8/9/2011	SUM-1		1215052	WHI11001212	1DX15	0.40
1216087		8/9/2011	SUM-1		1216087	WHI11001212	1DX15	0.70

Soil Digital Entry

Lab Tag ID	Photograph Number	Date Shipped	Shipping Number	Comment	MDL 0.1			
					Lab_ID	Certificate	Method	Mo_ppm
1215708		8/9/2011	SUM-1		1215708	WHI11001212	1DX15	0.60
1215721		8/9/2011	SUM-1		1215721	WHI11001212	1DX15	0.60
1216255		8/9/2011	SUM-1		1216255	WHI11001212	1DX15	0.40
1215712		8/9/2011	SUM-1		1215712	WHI11001212	1DX15	0.60
1215715		8/9/2011	SUM-1		1215715	WHI11001212	1DX15	1.00
1215730		8/9/2011	SUM-1		1215730	WHI11001212	1DX15	0.60
1215726		8/9/2011	SUM-1		1215726	WHI11001212	1DX15	0.60
1216089		8/9/2011	SUM-1		1216089	WHI11001212	1DX15	0.70
1215934		8/9/2011	SUM-1		1215934	WHI11001212	1DX15	0.50
1216018		8/9/2011	SUM-1		1216018	WHI11001212	1DX15	1.00
1215717		8/9/2011	SUM-1		1215717	WHI11001212	1DX15	0.80
1215729		8/9/2011	SUM-1		1215729	WHI11001212	1DX15	0.60
1216258		8/9/2011	SUM-1		1216258	WHI11001212	1DX15	0.50
1216088		8/9/2011	SUM-1		1216088	WHI11001212	1DX15	0.70
1215053		8/9/2011	SUM-1		1215053	WHI11001212	1DX15	0.50
1215719		8/9/2011	SUM-1		1215719	WHI11001212	1DX15	0.80
1216104		8/9/2011	SUM-1		1216104	WHI11001212	1DX15	0.70
1216257		8/9/2011	SUM-1		1216257	WHI11001212	1DX15	0.80
1215931		8/9/2011	SUM-1		1215931	WHI11001212	1DX15	0.90
1215722		8/9/2011	SUM-1		1215722	WHI11001212	1DX15	0.80
1215718		8/9/2011	SUM-1		1215718	WHI11001212	1DX15	1.20
1216004		8/9/2011	SUM-1		1216004	WHI11001212	1DX15	0.80
1215716		8/9/2011	SUM-1		1215716	WHI11001212	1DX15	0.40
1215917		8/9/2011	SUM-1		1215917	WHI11001212	1DX15	0.80
1216259		8/9/2011	SUM-1	sample location estimated	1216259	WHI11001212	1DX15	0.30
1215906		8/9/2011	SUM-1		1215906	WHI11001212	1DX15	0.60

Soil Digital Entry

it:

one:

1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb
PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPB	PPM	PPM	PPM	PPM

Lab Tag ID	Concentration (mg/kg)													
	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
	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	Au_ppb	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm
1215955	42.90	25.00	107.00	0.05	37.80	17.70	605.00	4.24	32.50	0.25	16.00	28.00	0.20	0.60
1216056	8.40	9.90	41.00	0.05	11.30	6.20	217.00	2.04	9.60	0.25	0.50	3.00	0.05	0.80
1216066	4.20	6.20	21.00	0.05	6.40	2.00	70.00	1.21	11.40	0.25	3.30	3.00	0.05	0.20
1216050	21.30	19.30	67.00	0.05	21.70	10.20	581.00	4.32	14.00	0.25	1.20	4.00	0.20	0.50
1216044	28.80	35.40	74.00	0.05	24.50	15.60	921.00	3.16	2.60	0.25	3.60	5.00	0.10	0.30
1216042	23.50	12.70	82.00	0.05	26.30	15.30	793.00	2.88	2.40	0.25	3.20	5.00	0.05	0.50
1216040	76.50	12.40	99.00	0.05	35.10	20.00	1221.00	3.30	1.40	0.25	4.60	5.00	0.05	0.40
1215702	28.70	23.20	64.00	0.05	28.90	17.70	1565.00	3.74	1.20	0.25	3.20	18.00	0.05	0.70
1215927	3.20	1.60	6.00	0.10	1.20	0.40	15.00	0.18	3.40	0.25	0.05	9.00	0.05	0.20
1216036	4.10	2.00	12.00	0.05	1.60	2.10	160.00	0.65	1.40	0.25	0.20	15.00	0.05	0.10
1215916	3.40	1.30	3.00	0.05	0.70	0.40	10.00	0.18	0.25	0.50	0.05	5.00	0.05	0.05
1215928	9.60	2.80	8.00	0.05	2.20	1.50	63.00	0.75	5.10	0.60	0.05	9.00	0.05	0.20
1216057	16.90	16.50	70.00	0.05	17.20	8.30	325.00	3.98	40.20	0.70	5.80	3.00	0.05	0.70
1216041	70.20	14.20	92.00	0.05	35.50	17.80	761.00	3.62	2.20	0.70	5.10	10.00	0.05	0.70
1215945	57.70	20.90	136.00	0.40	37.00	13.80	467.00	4.27	31.20	0.80	2.70	37.00	0.70	1.70
1216047	18.70	29.90	62.00	0.10	19.60	12.40	959.00	3.33	5.00	0.80	0.80	6.00	0.20	0.40
1215953	10.30	16.80	57.00	0.05	16.70	7.90	248.00	3.32	16.10	0.90	7.90	7.00	0.20	0.30
1216046	21.70	26.00	56.00	0.10	17.70	11.30	1077.00	3.39	4.30	1.00	1.60	6.00	0.20	0.50
1215933	9.60	4.80	19.00	0.05	6.00	2.80	77.00	1.26	14.20	1.10	0.40	6.00	0.05	0.70
1216045	22.80	33.70	81.00	0.05	27.10	13.50	582.00	3.44	3.90	1.20	7.70	13.00	0.05	0.20
1216039	12.20	20.20	76.00	0.05	28.10	15.90	1176.00	2.80	1.10	1.20	2.50	5.00	0.05	0.50
1216049	30.10	46.60	58.00	0.05	18.70	13.70	1862.00	4.08	5.90	1.30	1.10	4.00	0.10	0.50
1216073	48.40	17.10	153.00	0.40	44.40	18.10	735.00	3.48	16.20	1.30	6.30	50.00	1.00	1.10
1215701	15.20	15.70	54.00	0.05	17.60	9.90	657.00	3.56	0.80	1.30	1.60	6.00	0.05	0.70

Soil Digital Entry

Lab Tag ID	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
	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	Au_ppb	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm
1216058	9.50	5.40	32.00	0.05	9.20	4.20	116.00	1.38	7.30	1.50	3.30	10.00	0.05	0.30
1216055	12.50	10.30	39.00	0.05	11.30	5.40	243.00	1.73	20.50	1.50	0.60	5.00	0.05	0.40
1215954	28.60	29.30	99.00	0.10	36.20	18.50	565.00	4.40	27.50	1.60	12.30	7.00	0.50	0.40
1216071	36.50	12.30	118.00	0.50	27.70	11.60	353.00	2.31	10.30	1.60	2.60	82.00	1.00	0.90
1215952	132.80	22.70	886.00	1.20	111.40	18.00	446.00	4.29	23.90	1.80	6.20	51.00	11.70	3.80
1215948	21.10	18.40	78.00	0.10	24.80	12.00	387.00	3.93	35.80	1.90	9.40	7.00	0.30	0.50
1215956	40.60	17.70	76.00	0.20	30.90	12.60	458.00	3.32	25.10	2.00	8.60	34.00	0.10	0.50
1216072	30.40	14.30	87.00	0.20	28.50	12.20	439.00	2.89	16.20	2.00	6.30	33.00	0.20	0.50
1215919	4.00	2.90	5.00	0.05	1.40	0.70	99.00	0.29	0.25	2.00	0.05	6.00	0.05	0.05
1215911	46.90	14.10	71.00	0.05	17.00	7.90	491.00	3.73	15.00	2.20	3.60	7.00	0.05	1.80
1215058	29.80	32.40	79.00	0.05	32.20	16.30	423.00	4.14	26.60	2.30	8.90	13.00	0.05	2.60
1215943	43.40	15.70	140.00	0.40	29.80	11.00	330.00	3.07	19.10	2.40	1.00	77.00	0.70	1.50
1216010	26.80	7.90	20.00	0.05	7.40	3.60	137.00	1.18	3.40	2.40	0.20	8.00	0.05	0.40
1215946	56.10	23.50	200.00	0.50	48.80	16.20	501.00	4.09	47.00	2.50	5.70	40.00	1.40	1.30
1215951	39.10	18.90	110.00	0.20	33.00	14.20	453.00	4.13	30.00	2.50	9.50	11.00	0.30	3.10
1215958	65.50	19.60	185.00	0.60	44.30	13.00	391.00	3.30	17.00	2.50	7.20	127.00	1.30	2.10
1216043	44.30	32.30	110.00	0.05	33.10	19.90	3693.00	3.00	2.80	2.50	4.50	10.00	0.20	0.40
1216052	23.10	16.00	30.00	0.05	11.00	5.90	249.00	1.51	8.80	2.60	0.50	6.00	0.05	0.30
1215959	38.10	10.90	101.00	0.30	25.90	7.80	232.00	2.35	14.00	2.70	3.90	69.00	0.50	0.70
1216051	27.70	19.20	71.00	0.05	24.80	12.20	585.00	2.99	11.10	2.70	2.20	9.00	0.10	0.70
1215923	27.70	28.10	77.00	0.05	28.80	17.50	685.00	4.00	19.90	2.70	8.00	10.00	0.05	0.90
1215929	6.80	4.60	10.00	0.05	3.40	1.40	78.00	0.72	3.80	2.70	0.10	9.00	0.05	0.40
1216034	18.70	7.00	32.00	0.05	11.10	7.40	397.00	1.74	14.70	2.70	0.90	27.00	0.05	1.00
1215947	38.40	19.00	108.00	0.05	33.80	15.20	515.00	4.34	39.30	2.80	7.90	13.00	0.20	0.70
1215960	39.20	17.50	105.00	0.20	34.60	13.60	593.00	3.82	25.80	2.80	11.60	29.00	0.30	0.60
1216011	16.50	5.20	13.00	0.05	3.90	3.00	215.00	0.80	1.30	2.80	0.20	8.00	0.05	0.20
1215926	16.60	16.10	44.00	0.05	12.50	10.10	701.00	2.16	18.10	2.80	1.80	16.00	0.05	1.30
1216015	11.40	13.10	34.00	0.05	11.50	6.90	200.00	2.93	13.30	2.80	4.40	10.00	0.05	1.60
1216060	13.60	7.70	48.00	0.05	12.70	6.20	212.00	2.54	21.50	2.90	6.90	3.00	0.05	0.30
1216067	44.00	13.90	106.00	0.40	31.10	10.90	318.00	2.60	13.50	3.00	5.20	279.00	0.60	1.20
1216070	68.70	17.40	173.00	0.90	49.20	18.70	428.00	3.58	13.60	3.10	6.40	56.00	1.00	1.50

Soil Digital Entry

Lab Tag ID	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
	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	Au_ppb	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm
1215949	64.50	21.90	154.00	0.70	43.50	12.40	587.00	3.63	32.00	3.20	3.50	22.00	1.50	1.00
1216082	25.30	19.90	87.00	0.05	29.30	14.40	519.00	3.88	17.80	3.30	5.10	9.00	0.10	1.20
1216037	22.30	22.20	38.00	0.05	10.60	10.40	1037.00	2.05	32.90	3.30	0.60	24.00	0.05	1.10
1216061	8.60	7.30	28.00	0.05	7.70	3.60	137.00	1.74	13.80	3.40	0.90	4.00	0.05	0.40
1215704	28.30	22.10	83.00	0.05	37.30	15.80	839.00	4.41	52.30	3.40	2.10	14.00	0.20	8.10
1215920	19.40	25.70	75.00	0.05	24.40	16.30	646.00	5.12	18.90	3.40	7.60	6.00	0.05	0.90
1216054	18.70	13.00	62.00	0.05	17.30	8.00	412.00	2.78	12.70	3.50	1.30	4.00	0.05	0.40
1216081	26.00	17.60	78.00	0.05	28.60	12.50	367.00	3.77	20.60	3.50	4.10	8.00	0.20	1.40
1216063	40.80	19.50	103.00	0.20	28.90	11.90	380.00	3.44	31.70	3.70	11.10	19.00	0.20	0.70
1216028	41.90	43.60	111.00	0.05	37.00	50.20	2180.00	5.14	56.80	3.90	6.30	7.00	0.10	2.20
1216102	31.00	24.70	78.00	0.05	21.20	9.40	375.00	5.85	175.80	3.90	5.80	25.00	0.05	18.60
1215957	59.50	19.90	132.00	0.40	39.10	13.40	413.00	3.38	16.30	4.00	7.10	210.00	0.90	1.40
1215921	29.60	37.50	50.00	0.30	17.90	42.50	10001.00	3.58	7.70	4.00	1.00	13.00	0.20	0.80
1216033	19.90	14.40	41.00	0.05	12.80	12.40	589.00	2.11	12.30	4.00	0.90	4.00	0.05	1.50
1216251	29.70	46.40	53.00	0.05	24.30	18.00	682.00	1.91	13.40	4.10	8.60	84.00	0.05	0.90
1216031	33.60	23.60	76.00	0.05	29.40	22.60	603.00	4.19	22.30	4.10	5.50	10.00	0.05	2.10
1216065	19.70	15.80	86.00	0.05	21.70	10.30	376.00	3.06	25.10	4.20	7.30	20.00	0.05	0.30
1216069	58.00	18.00	143.00	0.60	46.10	18.90	698.00	3.63	14.60	4.30	5.60	73.00	0.70	1.30
1216007	35.20	14.80	85.00	0.05	27.80	15.40	676.00	3.63	9.40	4.40	1.30	7.00	0.05	0.90
1216062	23.60	11.60	76.00	0.05	23.50	10.20	320.00	3.20	21.30	4.60	8.90	8.00	0.05	0.40
1215705	36.90	25.70	59.00	0.05	31.90	8.00	418.00	2.77	14.90	4.70	1.00	8.00	0.05	3.50
1216029	44.20	25.60	93.00	0.05	32.00	20.10	890.00	4.11	30.50	4.90	3.90	15.00	0.10	1.90
1216068	44.40	13.60	110.00	0.50	37.40	13.80	426.00	2.88	12.10	5.10	4.00	118.00	0.60	1.50
1216053	21.30	25.20	67.00	0.05	22.30	12.50	601.00	3.25	15.40	5.20	3.60	7.00	0.05	0.50
1215907	28.30	23.70	78.00	0.05	27.80	15.00	309.00	3.66	71.70	5.40	7.40	6.00	0.05	2.20
1216027	33.70	22.50	75.00	0.05	23.10	12.30	321.00	6.19	124.70	5.40	3.70	7.00	0.05	3.40
1215908	22.30	40.80	93.00	0.05	23.20	16.20	963.00	4.91	29.40	5.70	6.00	8.00	0.05	2.50
1216020	16.70	17.80	54.00	0.05	18.50	9.10	327.00	2.90	45.20	6.00	3.60	17.00	0.05	2.50
1216252	7.70	13.50	53.00	0.05	10.00	3.70	68.00	2.94	10.70	6.10	8.70	11.00	0.05	3.60
1215914	22.10	13.00	76.00	0.05	16.10	10.70	422.00	4.16	6.80	6.20	2.60	8.00	0.05	1.10
1215944	130.90	24.50	268.00	1.30	61.00	24.00	496.00	6.94	36.40	6.30	2.70	35.00	2.90	3.40

Soil Digital Entry

Lab Tag ID	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
	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	Au_ppb	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm
1215910	26.40	44.90	108.00	0.05	23.40	11.30	1293.00	3.52	24.70	6.30	3.70	18.00	0.10	1.70
1215915	22.10	16.00	77.00	0.05	24.30	11.20	357.00	4.04	68.20	6.40	3.40	6.00	0.05	1.50
1216002	36.40	56.40	77.00	0.05	27.80	20.20	358.00	5.06	13.90	6.80	8.50	4.00	0.10	1.20
1215732	14.60	17.10	56.00	0.10	19.50	7.20	213.00	3.01	41.60	7.00	5.70	4.00	0.05	1.30
1216021	20.30	13.80	53.00	0.05	15.60	8.40	276.00	3.70	37.70	7.00	5.60	11.00	0.05	2.30
1215703	47.10	17.80	105.00	0.05	41.20	20.30	792.00	4.03	17.30	7.10	6.50	9.00	0.05	1.90
1216022	14.70	12.70	30.00	0.05	9.60	5.10	238.00	2.16	63.70	7.10	0.70	10.00	0.05	4.50
1216083	34.70	35.10	108.00	0.05	41.30	19.10	652.00	4.59	38.10	7.20	8.90	13.00	0.05	3.70
1215922	89.40	16.90	62.00	0.40	26.30	15.70	821.00	4.24	8.90	7.30	3.10	10.00	0.20	0.90
1216005	27.20	18.50	68.00	0.05	15.50	12.10	496.00	4.14	12.00	7.50	4.10	7.00	0.05	1.00
1215733	16.30	10.70	52.00	0.05	17.30	7.00	196.00	2.51	21.00	7.60	4.10	5.00	0.05	1.00
1216059	57.40	23.40	81.00	0.20	26.20	15.00	764.00	3.36	31.30	8.40	8.00	15.00	0.05	0.70
1216048	28.60	38.00	70.00	0.05	25.40	21.10	1953.00	3.96	8.60	8.40	1.20	6.00	0.10	0.60
1215918	23.10	15.40	61.00	0.05	17.00	10.90	451.00	3.69	3.40	8.50	1.80	6.00	0.05	0.80
1215057	38.50	30.80	106.00	0.20	45.20	20.10	800.00	4.12	24.50	9.10	12.20	20.00	0.20	1.80
1216012	14.20	9.60	33.00	0.05	10.30	6.20	371.00	1.66	31.20	9.20	0.40	5.00	0.05	1.20
1216253	18.90	12.90	39.00	0.05	12.30	6.40	250.00	2.53	65.10	9.30	7.70	8.00	0.05	3.50
1216084	29.20	23.50	100.00	0.05	35.60	15.20	509.00	4.35	32.60	9.90	5.00	11.00	0.10	2.00
1216014	40.00	17.80	61.00	0.05	28.10	16.00	562.00	3.38	26.80	10.10	3.60	11.00	0.10	1.60
1215711	13.30	37.00	44.00	0.05	13.10	6.00	192.00	1.80	28.30	10.20	10.20	32.00	0.05	3.30
1215713	6.30	25.40	13.00	0.05	3.70	1.50	35.00	1.13	23.20	10.20	3.70	7.00	0.05	6.20
1215932	30.10	13.50	63.00	0.05	19.10	7.80	266.00	3.19	28.30	10.20	5.60	17.00	0.05	1.30
1216016	115.70	19.10	118.00	0.10	41.00	51.20	2829.00	9.23	200.90	10.40	2.20	34.00	0.30	4.70
1216030	47.10	48.20	74.00	0.05	22.10	22.00	656.00	3.89	19.30	10.40	5.70	13.00	0.05	2.90
1216009	24.70	25.70	62.00	0.05	24.20	15.30	506.00	4.22	17.90	10.50	6.80	5.00	0.05	1.00
1216035	34.60	14.50	109.00	0.05	13.30	25.20	1842.00	8.41	37.20	10.60	2.90	61.00	0.20	1.60
1216024	22.40	28.90	64.00	0.10	14.00	16.10	1219.00	6.33	69.60	11.20	1.80	7.00	0.10	2.50
1215930	26.90	28.30	81.00	0.05	22.90	16.70	676.00	4.00	71.80	11.80	4.40	10.00	0.20	2.20
1215912	33.50	24.80	84.00	0.05	29.70	14.20	435.00	3.99	39.80	12.00	7.80	8.00	0.05	2.80
1215728	21.80	19.70	78.00	0.05	26.10	11.80	434.00	3.66	32.00	12.20	7.70	16.00	0.05	1.60
1215727	21.90	20.90	76.00	0.05	23.20	10.00	505.00	3.76	45.70	12.60	6.40	23.00	0.05	1.60

Soil Digital Entry

Lab Tag ID	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
	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	Au_ppb	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm
1216001	77.50	23.50	91.00	0.05	31.50	17.50	993.00	4.12	17.00	13.20	5.10	6.00	0.10	1.00
1216103	47.70	26.40	103.00	0.10	59.30	26.90	689.00	4.11	89.80	13.20	6.00	33.00	0.10	11.50
1216006	32.00	19.50	91.00	0.05	34.30	19.70	758.00	4.87	16.70	13.30	7.10	6.00	0.05	1.20
1216026	23.10	13.10	93.00	0.05	32.80	18.20	547.00	4.85	79.00	13.70	7.70	9.00	0.05	3.50
1215924	14.40	19.00	25.00	0.05	9.60	4.30	229.00	1.67	35.10	15.30	0.80	16.00	0.05	0.90
1216038	16.20	13.00	68.00	0.05	18.70	15.50	448.00	2.43	4.60	15.70	2.80	5.00	0.05	1.50
1215901	32.70	26.20	104.00	0.05	32.30	11.30	286.00	3.75	75.30	16.00	10.50	4.00	0.05	2.50
1215902	29.50	26.80	88.00	0.05	27.30	10.80	263.00	3.63	70.60	16.20	11.60	4.00	0.05	2.90
1215735	17.40	17.10	72.00	0.05	24.20	10.00	350.00	3.15	37.80	16.50	7.20	19.00	0.05	1.70
1215056	30.20	21.50	89.00	0.05	32.70	15.20	481.00	3.41	30.30	16.50	11.20	22.00	0.20	2.50
1216079	28.50	24.00	69.00	0.05	21.00	10.20	376.00	3.22	51.40	16.70	4.00	10.00	0.05	2.50
1216080	30.60	17.40	73.00	0.05	25.40	10.80	378.00	3.69	42.40	16.70	10.90	13.00	0.10	3.00
1215707	23.20	25.70	48.00	0.05	15.60	9.10	364.00	1.99	29.60	16.90	2.10	25.00	0.05	3.40
1216013	33.60	21.50	66.00	0.05	28.80	15.70	517.00	3.12	18.50	17.50	7.50	23.00	0.10	1.30
1215734	21.20	14.90	86.00	0.10	29.20	10.90	295.00	3.31	21.70	17.60	8.40	19.00	0.20	1.20
1216098	27.50	48.80	95.00	0.05	29.50	19.00	701.00	3.63	41.90	17.80	7.70	5.00	0.05	2.40
1216023	21.50	15.90	49.00	0.20	16.20	8.80	381.00	2.96	103.10	17.80	0.90	10.00	0.05	2.80
1216091	43.40	47.60	144.00	0.20	54.20	26.20	846.00	5.68	62.60	17.90	16.30	15.00	0.05	6.80
1215903	30.40	28.00	87.00	0.05	31.90	12.40	416.00	3.66	75.70	18.00	11.10	9.00	0.05	3.60
1215051	30.10	23.80	104.00	0.05	34.20	14.80	647.00	3.77	40.70	18.20	13.10	5.00	0.05	1.70
1215724	21.50	28.40	79.00	0.05	21.50	10.40	303.00	3.82	76.20	18.80	3.60	12.00	0.05	3.50
1215904	26.80	25.50	87.00	0.05	24.40	10.50	290.00	3.82	99.80	18.90	8.60	4.00	0.05	3.50
1216090	44.90	49.60	112.00	0.20	48.90	22.00	447.00	5.01	45.40	19.10	15.50	14.00	0.05	6.70
1216017	35.60	15.00	61.00	0.05	24.40	12.60	393.00	3.32	135.40	19.90	5.10	17.00	0.05	2.20
1216078	22.90	20.40	48.00	0.05	16.20	6.60	252.00	2.80	44.40	20.10	1.40	9.00	0.05	1.70
1216099	27.50	41.60	105.00	0.05	31.70	12.60	505.00	4.06	45.90	20.50	8.30	4.00	0.05	2.50
1216100	30.00	24.20	99.00	0.05	30.10	15.90	412.00	3.91	46.40	20.90	10.70	5.00	0.05	2.10
1215723	28.50	24.10	126.00	0.20	27.20	11.30	804.00	3.33	43.10	20.90	2.20	32.00	0.30	2.20
1216064	25.90	17.30	101.00	0.10	27.60	11.70	460.00	3.34	30.20	21.20	8.50	22.00	0.10	0.40
1216085	24.80	34.60	80.00	0.05	28.70	13.50	504.00	3.62	43.10	22.30	4.60	18.00	0.05	3.20
1216097	28.80	31.60	97.00	0.05	30.40	15.20	410.00	4.48	46.40	22.30	4.50	14.00	0.05	3.80

Soil Digital Entry

Lab Tag ID	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
	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	Au_ppb	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm
1215736	24.10	13.70	81.00	0.10	26.20	9.90	317.00	2.95	38.70	22.50	7.80	17.00	0.05	0.90
1215909	31.20	25.70	78.00	0.05	26.90	13.60	440.00	3.74	48.70	22.90	8.20	8.00	0.05	3.70
1215706	32.70	33.30	72.00	0.05	24.30	13.80	481.00	2.88	43.90	23.10	7.60	26.00	0.05	5.20
1215731	22.40	17.80	80.00	0.05	26.30	11.90	345.00	3.50	34.50	23.20	12.40	12.00	0.05	2.40
1215905	31.00	29.20	86.00	0.05	28.90	14.20	386.00	4.34	169.60	23.60	5.40	11.00	0.05	3.60
1215950	8.50	11.50	34.00	0.20	9.90	5.20	225.00	2.57	17.90	24.00	6.70	7.00	0.30	0.30
1215709	24.20	35.50	88.00	0.05	24.60	10.10	299.00	3.31	42.40	24.00	9.60	61.00	0.05	3.30
1215054	24.90	23.40	95.00	0.05	31.50	14.60	981.00	3.95	31.00	24.60	9.70	6.00	0.05	3.40
1216025	38.90	19.60	91.00	0.05	32.40	18.20	1011.00	4.34	75.40	24.70	6.70	11.00	0.05	3.50
1216092	44.50	42.60	121.00	0.05	45.10	22.60	468.00	5.04	57.60	26.70	14.20	16.00	0.05	5.90
1215714	18.70	31.80	61.00	0.05	18.60	8.20	140.00	2.50	40.50	27.20	11.50	14.00	0.05	8.50
1215055	27.00	20.00	79.00	0.05	26.00	11.00	252.00	3.48	37.10	30.00	9.10	5.00	0.10	3.30
1216095	25.70	30.40	85.00	0.05	27.10	12.00	299.00	3.92	49.60	30.10	12.70	16.00	0.05	4.60
1216032	67.70	16.00	85.00	0.05	31.50	16.70	389.00	4.44	26.70	30.10	5.50	5.00	0.05	2.40
1216019	22.20	15.30	28.00	0.20	12.80	4.90	181.00	1.61	114.70	30.20	0.90	21.00	0.05	6.60
1216093	35.30	36.90	108.00	0.10	45.30	22.70	632.00	4.58	62.40	30.30	16.70	22.00	0.05	5.70
1216096	32.60	37.50	100.00	0.05	33.20	15.20	480.00	4.73	55.10	30.60	7.00	21.00	0.05	4.00
1216094	32.10	28.90	99.00	0.05	31.10	12.80	338.00	3.99	50.70	30.80	7.90	17.00	0.05	4.60
1216008	19.80	12.30	52.00	0.05	15.20	9.00	614.00	2.67	5.30	31.20	0.60	7.00	0.10	0.80
1215725	27.70	26.20	100.00	0.05	27.00	13.30	454.00	3.77	44.50	31.80	5.80	17.00	0.05	3.00
1215720	24.70	21.00	101.00	0.05	24.60	10.70	360.00	3.62	44.30	32.10	6.40	14.00	0.05	2.80
1215710	26.70	34.50	88.00	0.05	26.40	12.50	455.00	3.21	42.20	32.30	9.70	47.00	0.05	3.80
1216003	14.00	13.70	45.00	0.05	13.80	7.60	314.00	3.74	10.10	34.20	7.00	4.00	0.05	1.10
1216256	34.50	46.50	93.00	0.05	29.40	13.70	644.00	3.58	64.20	34.30	7.10	5.00	0.05	2.20
1216254	14.70	11.60	21.00	0.05	5.70	3.50	168.00	1.36	88.20	35.10	2.60	13.00	0.05	3.00
1216086	34.10	32.10	124.00	0.10	43.60	19.00	734.00	5.54	66.00	35.80	6.80	10.00	0.05	5.50
1215913	22.70	20.00	67.00	0.05	15.90	12.20	576.00	3.75	80.50	38.70	5.70	5.00	0.05	5.20
1215925	35.00	35.80	82.00	0.20	32.50	20.70	951.00	4.19	30.70	39.20	8.80	7.00	0.10	1.70
1216260	31.10	43.20	187.00	0.05	37.80	22.20	1515.00	9.55	853.80	39.30	8.40	14.00	0.05	2.30
1215052	25.60	27.10	93.00	0.05	27.80	12.50	275.00	3.26	94.70	42.20	8.20	5.00	0.05	2.10
1216087	29.40	28.90	100.00	0.05	34.90	13.70	437.00	4.44	77.70	43.00	6.50	12.00	0.05	4.70

Soil Digital Entry

Lab Tag ID	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
	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	Au_ppb	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm
1215708	21.60	30.50	77.00	0.05	23.10	9.30	302.00	2.70	53.00	43.50	6.10	91.00	0.05	3.20
1215721	31.50	20.20	100.00	0.20	31.50	10.10	418.00	3.70	43.40	43.50	4.40	24.00	0.05	2.80
1216255	23.20	39.80	48.00	0.05	12.00	5.30	133.00	2.98	43.90	44.20	13.30	4.00	0.05	4.10
1215712	30.70	35.70	112.00	0.05	34.90	15.20	410.00	4.20	58.20	44.70	10.50	26.00	0.05	4.20
1215715	36.80	32.30	136.00	0.05	46.70	28.60	512.00	5.49	71.40	45.40	9.90	4.00	0.05	4.30
1215730	37.30	32.70	99.00	0.05	33.80	17.10	583.00	4.08	49.80	45.80	9.00	14.00	0.10	3.30
1215726	30.50	28.20	96.00	0.10	29.50	13.80	437.00	3.91	53.40	47.00	11.20	13.00	0.05	3.30
1216089	31.90	33.60	99.00	0.20	35.60	16.40	779.00	3.98	56.40	48.20	5.60	17.00	0.05	6.50
1215934	26.50	20.70	93.00	0.05	28.40	12.60	336.00	4.47	185.00	51.00	6.70	7.00	0.05	6.30
1216018	38.90	28.20	98.00	0.05	33.00	21.40	1006.00	4.29	162.10	51.50	6.50	13.00	0.10	4.40
1215717	32.40	28.70	104.00	0.10	34.60	17.20	564.00	4.01	42.00	52.10	9.90	10.00	0.05	3.80
1215729	34.00	32.20	89.00	0.10	31.30	16.70	611.00	3.90	59.30	53.80	7.80	22.00	0.10	3.10
1216258	26.80	24.80	83.00	0.05	25.60	13.60	561.00	3.19	75.20	60.60	16.10	6.00	0.05	2.60
1216088	36.50	39.30	119.00	0.10	44.20	20.40	952.00	4.89	80.00	63.40	7.30	13.00	0.10	6.20
1215053	21.20	20.30	75.00	0.05	25.40	11.00	262.00	3.16	129.50	65.20	7.60	7.00	0.05	2.80
1215719	26.00	29.40	93.00	0.20	28.90	11.10	292.00	3.50	115.60	67.50	7.90	14.00	0.05	4.90
1216104	40.70	27.90	100.00	0.10	42.00	11.90	219.00	3.84	160.30	71.90	7.20	13.00	0.05	11.10
1216257	28.30	30.30	79.00	0.10	24.50	11.00	338.00	3.15	414.00	74.00	8.30	5.00	0.05	4.90
1215931	43.40	25.50	95.00	0.10	29.70	14.50	612.00	4.50	144.80	77.80	8.40	12.00	0.05	4.40
1215722	31.50	32.10	105.00	0.05	35.20	15.40	457.00	4.53	122.20	88.70	9.40	10.00	0.05	4.60
1215718	28.20	39.30	98.00	0.20	36.00	13.20	840.00	4.39	218.90	100.30	5.40	29.00	0.10	4.90
1216004	30.40	19.40	68.00	0.05	13.20	10.20	407.00	4.56	5.40	103.90	4.90	5.00	0.05	1.70
1215716	3.40	31.30	11.00	0.20	3.60	1.30	33.00	1.18	19.20	112.00	6.30	17.00	0.05	5.30
1215917	41.30	30.10	72.00	0.05	24.60	9.80	305.00	2.82	7.90	112.70	3.10	15.00	0.05	1.40
1216259	4.20	96.70	5.00	0.20	1.90	0.50	19.00	0.21	71.80	228.90	6.80	4.00	0.05	8.50
1215906	27.70	30.80	84.00	0.10	27.10	11.30	358.00	4.14	1229.00	318.50	6.30	10.00	0.05	4.00

Soil Digital Entry

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1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg
PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM

Lab Tag ID	0.1		2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01
	Bi_ppm	V_ppm	Ca_pct	P_pct	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm	Hg_ppm	
1215955	0.40	22.00	0.22	0.06	42.00	29.00	0.70	124.00	0.02	3.00	1.93	0.02	0.18	0.20	0.02	
1216056	0.20	16.00	0.01	0.04	10.00	10.00	0.14	18.00	0.01	0.50	0.44	0.01	0.03	0.20	0.02	
1216066	0.10	9.00	0.01	0.01	12.00	9.00	0.15	22.00	0.00	0.50	0.60	0.01	0.02	0.10	0.01	
1216050	0.50	26.00	0.03	0.08	10.00	25.00	0.37	45.00	0.01	0.50	1.32	0.00	0.03	0.20	0.06	
1216044	0.40	17.00	0.02	0.07	2.00	25.00	0.45	29.00	0.00	0.50	1.19	0.00	0.03	0.05	0.04	
1216042	0.30	19.00	0.01	0.05	2.00	21.00	0.34	43.00	0.00	0.50	0.81	0.00	0.03	0.05	0.03	
1216040	0.30	17.00	0.01	0.07	3.00	29.00	0.82	25.00	0.00	0.50	1.49	0.00	0.03	0.10	0.03	
1215702	0.30	21.00	0.05	0.08	4.00	30.00	0.24	63.00	0.01	0.50	0.65	0.01	0.05	0.10	0.02	
1215927	0.05	3.00	0.11	0.02	1.00	1.00	0.02	34.00	0.00	0.50	0.35	0.03	0.02	0.05	0.01	
1216036	0.05	7.00	0.16	0.04	2.00	1.00	0.04	42.00	0.01	0.50	0.53	0.03	0.03	0.05	0.01	
1215916	0.05	2.00	0.03	0.02	1.00	1.00	0.01	15.00	0.01	0.50	0.45	0.03	0.02	0.05	0.02	
1215928	0.05	8.00	0.06	0.03	4.00	4.00	0.03	39.00	0.01	0.50	0.66	0.03	0.02	0.10	0.01	
1216057	0.40	16.00	0.01	0.03	25.00	17.00	0.32	25.00	0.01	0.50	0.98	0.00	0.03	0.40	0.01	
1216041	0.30	19.00	0.01	0.04	3.00	19.00	0.25	18.00	0.00	0.50	0.57	0.00	0.02	0.05	0.02	
1215945	0.20	48.00	0.38	0.20	15.00	20.00	0.59	603.00	0.01	1.00	1.29	0.00	0.08	0.05	0.08	
1216047	0.40	18.00	0.06	0.17	5.00	26.00	0.33	66.00	0.01	0.50	1.27	0.01	0.04	0.10	0.07	
1215953	0.30	23.00	0.03	0.02	36.00	21.00	0.43	78.00	0.01	0.50	1.47	0.01	0.05	0.20	0.02	
1216046	0.40	18.00	0.04	0.15	4.00	24.00	0.30	51.00	0.01	0.50	1.34	0.01	0.03	0.10	0.07	
1215933	0.10	11.00	0.02	0.02	3.00	7.00	0.05	31.00	0.01	0.50	0.38	0.02	0.03	0.10	0.01	
1216045	0.30	14.00	0.03	0.04	3.00	25.00	0.58	38.00	0.00	0.50	1.34	0.00	0.02	0.05	0.01	
1216039	0.30	15.00	0.01	0.07	2.00	21.00	0.18	34.00	0.01	0.50	0.50	0.01	0.04	1.70	0.04	
1216049	0.50	25.00	0.03	0.18	5.00	24.00	0.26	55.00	0.01	1.00	1.25	0.00	0.04	0.10	0.06	
1216073	0.30	29.00	0.95	0.12	18.00	26.00	0.91	234.00	0.01	2.00	1.79	0.01	0.13	0.05	0.07	
1215701	0.30	20.00	0.06	0.09	4.00	21.00	0.09	30.00	0.01	0.50	0.41	0.01	0.04	0.40	0.01	

Soil Digital Entry

Lab Tag ID	0.1	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01
	Bi_ppm	V_ppm	Ca_pct	P_pct	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm	Hg_ppm
1216058	0.20	9.00	0.08	0.02	14.00	9.00	0.21	54.00	0.00	0.50	0.64	0.01	0.03	0.20	0.02
1216055	0.20	12.00	0.02	0.07	17.00	11.00	0.12	28.00	0.00	0.50	0.61	0.01	0.02	0.10	0.02
1215954	0.40	19.00	0.04	0.04	35.00	28.00	0.66	60.00	0.01	0.50	1.92	0.00	0.06	0.20	0.03
1216071	0.20	25.00	1.38	0.11	12.00	18.00	0.70	255.00	0.00	2.00	1.31	0.01	0.09	0.05	0.09
1215952	0.30	37.00	0.55	0.18	31.00	34.00	0.68	491.00	0.01	5.00	1.58	0.01	0.09	0.10	0.19
1215948	0.40	21.00	0.03	0.04	35.00	25.00	0.53	85.00	0.01	0.50	1.58	0.01	0.06	0.20	0.03
1215956	0.30	19.00	0.39	0.06	35.00	23.00	0.57	203.00	0.01	0.50	1.66	0.01	0.09	0.10	0.05
1216072	0.30	19.00	0.51	0.07	21.00	20.00	0.59	207.00	0.00	1.00	1.54	0.01	0.08	0.20	0.04
1215919	0.05	5.00	0.03	0.07	2.00	3.00	0.02	26.00	0.00	0.50	0.47	0.03	0.02	0.05	0.02
1215911	0.60	13.00	0.05	0.03	9.00	14.00	0.08	70.00	0.00	0.50	0.55	0.01	0.04	0.20	0.01
1215058	0.50	14.00	0.19	0.03	25.00	20.00	0.35	66.00	0.00	0.50	1.19	0.01	0.05	0.05	0.01
1215943	0.20	44.00	1.12	0.17	14.00	17.00	0.48	562.00	0.01	2.00	1.05	0.01	0.05	0.05	0.12
1216010	0.30	17.00	0.05	0.07	8.00	8.00	0.07	89.00	0.00	2.00	0.63	0.01	0.03	0.05	0.01
1215946	0.40	21.00	0.47	0.10	29.00	23.00	0.62	427.00	0.01	1.00	1.49	0.01	0.06	0.20	0.12
1215951	0.40	22.00	0.06	0.04	39.00	27.00	0.70	459.00	0.01	0.50	1.67	0.01	0.06	0.20	0.07
1215958	0.20	40.00	2.59	0.15	24.00	25.00	1.30	322.00	0.01	2.00	1.67	0.01	0.17	0.05	0.11
1216043	0.30	14.00	0.10	0.10	2.00	28.00	0.58	95.00	0.01	0.50	1.22	0.01	0.04	0.05	0.04
1216052	0.20	10.00	0.05	0.06	8.00	12.00	0.16	58.00	0.01	0.50	0.77	0.01	0.03	0.05	0.03
1215959	0.20	17.00	1.02	0.09	17.00	16.00	0.59	258.00	0.01	1.00	1.33	0.01	0.08	0.05	0.05
1216051	0.40	25.00	0.12	0.11	12.00	23.00	0.44	75.00	0.02	0.50	1.37	0.00	0.04	0.10	0.02
1215923	0.40	21.00	0.09	0.06	21.00	21.00	0.51	66.00	0.01	0.50	1.35	0.01	0.03	0.05	0.02
1215929	0.05	9.00	0.03	0.03	3.00	5.00	0.02	56.00	0.01	0.50	0.33	0.03	0.03	0.05	0.01
1216034	0.10	19.00	0.29	0.06	5.00	7.00	0.13	108.00	0.01	0.50	0.73	0.02	0.02	0.05	0.02
1215947	0.40	23.00	0.11	0.05	36.00	26.00	0.73	155.00	0.01	8.00	1.76	0.01	0.07	0.20	0.01
1215960	0.30	21.00	0.33	0.08	40.00	27.00	0.80	169.00	0.01	0.50	1.78	0.01	0.11	0.10	0.04
1216011	0.05	17.00	0.08	0.05	4.00	5.00	0.05	30.00	0.02	1.00	0.73	0.03	0.04	0.05	0.02
1215926	0.30	17.00	0.18	0.06	11.00	14.00	0.16	135.00	0.00	0.50	0.66	0.01	0.08	0.10	0.01
1216015	0.30	35.00	0.06	0.03	18.00	15.00	0.19	55.00	0.02	1.00	0.75	0.00	0.03	0.05	0.01
1216060	0.30	13.00	0.01	0.02	29.00	13.00	0.24	35.00	0.00	0.50	0.88	0.00	0.03	0.20	0.01
1216067	0.20	24.00	6.85	0.11	13.00	18.00	0.94	220.00	0.00	1.00	1.22	0.00	0.10	0.05	0.07
1216070	0.30	40.00	0.96	0.16	21.00	26.00	1.06	363.00	0.00	3.00	1.78	0.01	0.13	0.05	0.14

Soil Digital Entry

Lab Tag ID	0.1	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01
	Bi_ppm	V_ppm	Ca_pct	P_pct	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm	Hg_ppm
1215949	0.40	31.00	0.21	0.15	26.00	30.00	0.58	516.00	0.01	0.50	1.87	0.01	0.08	0.20	0.16
1216082	0.40	22.00	0.08	0.07	32.00	26.00	0.40	42.00	0.01	1.00	1.29	0.01	0.04	0.20	0.02
1216037	0.20	14.00	0.24	0.06	4.00	11.00	0.12	53.00	0.01	0.50	0.79	0.01	0.03	0.10	0.02
1216061	0.20	13.00	0.01	0.03	20.00	8.00	0.05	37.00	0.00	0.50	0.47	0.01	0.03	0.10	0.01
1215704	0.40	22.00	0.03	0.11	7.00	43.00	0.38	45.00	0.01	2.00	1.01	0.01	0.05	0.40	0.19
1215920	0.50	30.00	0.02	0.04	19.00	24.00	0.41	62.00	0.01	0.50	1.46	0.00	0.05	0.05	0.03
1216054	0.30	15.00	0.03	0.07	16.00	18.00	0.32	52.00	0.00	0.50	0.98	0.00	0.03	0.10	0.03
1216081	0.30	23.00	0.05	0.06	25.00	24.00	0.36	33.00	0.01	0.50	1.10	0.00	0.03	0.30	0.02
1216063	0.30	15.00	0.16	0.06	28.00	19.00	0.54	84.00	0.01	0.50	1.32	0.01	0.07	0.20	0.03
1216028	0.50	14.00	0.01	0.05	11.00	22.00	0.45	35.00	0.00	0.50	1.52	0.01	0.05	0.05	0.02
1216102	0.40	17.00	0.01	0.07	7.00	16.00	0.05	58.00	0.00	0.50	0.74	0.01	0.04	0.05	0.02
1215957	0.20	38.00	4.79	0.13	23.00	27.00	1.32	295.00	0.01	2.00	1.74	0.01	0.17	0.05	0.10
1215921	0.50	25.00	0.11	0.34	6.00	30.00	0.24	351.00	0.01	1.00	1.65	0.01	0.06	0.10	0.06
1216033	0.40	10.00	0.01	0.05	4.00	10.00	0.15	32.00	0.00	0.50	0.59	0.01	0.03	0.05	0.01
1216251	0.60	11.00	0.02	0.03	5.00	8.00	0.04	38.00	0.00	0.50	0.27	0.01	0.04	0.20	0.02
1216031	0.50	21.00	0.01	0.03	9.00	16.00	0.19	43.00	0.00	0.50	0.80	0.00	0.04	0.05	0.02
1216065	0.30	13.00	0.15	0.04	24.00	19.00	0.54	60.00	0.01	0.50	1.30	0.01	0.05	0.20	0.02
1216069	0.20	35.00	1.41	0.12	19.00	27.00	1.16	417.00	0.00	2.00	1.93	0.01	0.11	0.05	0.09
1216007	0.40	24.00	0.02	0.07	10.00	23.00	0.39	46.00	0.01	2.00	1.06	0.01	0.04	0.10	0.01
1216062	0.30	12.00	0.05	0.03	27.00	20.00	0.50	61.00	0.00	0.50	1.22	0.00	0.04	0.20	0.05
1215705	0.40	19.00	0.02	0.11	6.00	39.00	0.17	39.00	0.00	0.50	0.53	0.01	0.08	0.40	0.05
1216029	0.40	13.00	0.06	0.06	12.00	18.00	0.42	71.00	0.00	2.00	1.13	0.01	0.05	0.05	0.01
1216068	0.20	27.00	2.50	0.12	15.00	23.00	1.05	263.00	0.00	3.00	1.56	0.01	0.10	0.05	0.08
1216053	0.50	20.00	0.05	0.06	17.00	20.00	0.38	58.00	0.01	0.50	1.13	0.00	0.04	0.20	0.03
1215907	0.70	9.00	0.05	0.04	20.00	15.00	0.28	46.00	0.00	0.50	1.01	0.01	0.04	0.05	0.01
1216027	0.70	34.00	0.02	0.11	10.00	23.00	0.18	43.00	0.01	2.00	0.93	0.00	0.03	0.10	0.02
1215908	0.50	15.00	0.06	0.11	12.00	17.00	0.18	84.00	0.00	0.50	1.29	0.01	0.06	0.05	0.02
1216020	0.30	21.00	0.17	0.03	11.00	18.00	0.32	96.00	0.00	2.00	0.91	0.01	0.04	0.05	0.01
1216252	0.30	14.00	0.01	0.02	7.00	12.00	0.02	15.00	0.00	0.50	0.27	0.00	0.04	0.70	0.30
1215914	0.30	22.00	0.05	0.05	5.00	17.00	0.05	66.00	0.00	0.50	0.35	0.01	0.04	0.10	0.01
1215944	0.30	35.00	0.36	0.25	17.00	19.00	0.65	299.00	0.01	2.00	1.29	0.00	0.09	0.05	0.21

Soil Digital Entry

Lab Tag ID	0.1	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01
	Bi_ppm	V_ppm	Ca_pct	P_pct	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm	Hg_ppm
1215910	0.40	11.00	0.19	0.05	14.00	12.00	0.21	99.00	0.00	2.00	1.07	0.01	0.04	0.05	0.02
1215915	0.30	22.00	0.02	0.04	17.00	20.00	0.36	56.00	0.01	0.50	1.19	0.01	0.04	0.50	0.02
1216002	0.40	28.00	0.02	0.04	10.00	27.00	0.35	57.00	0.00	0.50	1.53	0.01	0.04	0.10	0.04
1215732	0.30	16.00	0.02	0.04	21.00	12.00	0.17	45.00	0.00	0.50	0.98	0.01	0.05	0.20	0.02
1216021	0.30	21.00	0.01	0.03	12.00	16.00	0.19	153.00	0.00	2.00	0.92	0.01	0.03	0.05	0.01
1215703	0.40	21.00	0.03	0.05	12.00	20.00	0.20	24.00	0.00	0.50	0.49	0.01	0.04	0.50	0.08
1216022	0.20	18.00	0.03	0.03	6.00	13.00	0.14	72.00	0.00	0.50	0.75	0.01	0.03	0.05	0.01
1216083	0.40	8.00	0.12	0.08	33.00	14.00	0.23	31.00	0.00	1.00	0.72	0.01	0.05	0.20	0.02
1215922	0.70	19.00	0.07	0.17	6.00	24.00	0.20	633.00	0.00	0.50	1.71	0.01	0.08	0.05	0.05
1216005	0.50	17.00	0.01	0.03	7.00	13.00	0.11	32.00	0.00	1.00	0.62	0.01	0.03	0.05	0.01
1215733	0.20	14.00	0.04	0.03	21.00	14.00	0.34	61.00	0.00	0.50	0.95	0.01	0.04	0.10	0.02
1216059	0.50	14.00	0.08	0.05	21.00	18.00	0.33	159.00	0.00	0.50	1.37	0.01	0.07	0.20	0.03
1216048	0.50	20.00	0.05	0.11	6.00	24.00	0.39	89.00	0.01	0.50	1.27	0.00	0.04	0.10	0.04
1215918	0.30	18.00	0.02	0.04	6.00	16.00	0.18	44.00	0.00	0.50	0.72	0.01	0.04	0.05	0.01
1215057	0.40	21.00	0.27	0.06	31.00	23.00	0.45	78.00	0.01	1.00	1.22	0.01	0.08	0.10	0.02
1216012	0.20	19.00	0.02	0.08	12.00	10.00	0.08	37.00	0.01	2.00	0.58	0.01	0.04	0.20	0.01
1216253	0.30	15.00	0.01	0.03	37.00	13.00	0.11	25.00	0.01	0.50	0.40	0.00	0.03	1.00	0.31
1216084	0.40	21.00	0.08	0.09	26.00	24.00	0.41	44.00	0.01	0.50	1.26	0.01	0.05	0.20	0.02
1216014	0.30	48.00	0.11	0.04	16.00	21.00	0.48	120.00	0.02	2.00	1.39	0.01	0.05	0.10	0.02
1215711	0.40	4.00	0.08	0.03	17.00	4.00	0.04	16.00	0.00	0.50	0.26	0.01	0.04	0.20	0.11
1215713	0.40	4.00	0.02	0.02	19.00	3.00	0.01	22.00	0.00	0.50	0.26	0.01	0.03	0.20	0.07
1215932	0.30	14.00	0.02	0.02	5.00	14.00	0.14	54.00	0.00	0.50	0.65	0.01	0.03	0.05	0.01
1216016	0.20	131.00	0.52	0.14	18.00	18.00	0.69	216.00	0.02	2.00	2.00	0.02	0.05	0.05	0.05
1216030	0.70	9.00	0.01	0.03	10.00	8.00	0.07	37.00	0.00	0.50	0.43	0.00	0.05	0.05	0.02
1216009	0.40	24.00	0.02	0.04	14.00	23.00	0.38	72.00	0.00	2.00	1.63	0.01	0.04	0.05	0.02
1216035	0.20	86.00	0.93	0.19	22.00	7.00	0.79	268.00	0.01	0.50	1.85	0.01	0.02	0.05	0.06
1216024	0.60	36.00	0.02	0.13	9.00	23.00	0.17	39.00	0.01	2.00	1.16	0.01	0.04	0.10	0.03
1215930	0.50	19.00	0.05	0.04	7.00	23.00	0.37	63.00	0.01	1.00	1.15	0.01	0.04	0.10	0.02
1215912	0.50	13.00	0.05	0.02	20.00	13.00	0.20	67.00	0.00	0.50	0.80	0.01	0.05	0.20	0.02
1215728	0.40	15.00	0.25	0.03	21.00	19.00	0.41	75.00	0.00	1.00	1.26	0.01	0.05	0.20	0.04
1215727	0.40	16.00	0.33	0.04	20.00	18.00	0.32	71.00	0.00	0.50	1.05	0.01	0.05	0.20	0.04

Soil Digital Entry

Lab Tag ID	0.1	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01
	Bi_ppm	V_ppm	Ca_pct	P_pct	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm	Hg_ppm
1216001	0.50	21.00	0.02	0.05	8.00	25.00	0.55	58.00	0.00	1.00	1.52	0.01	0.03	0.10	0.01
1216103	0.70	11.00	0.07	0.02	12.00	11.00	0.09	105.00	0.00	1.00	0.47	0.01	0.06	0.05	0.11
1216006	0.40	28.00	0.01	0.03	11.00	27.00	0.37	58.00	0.01	1.00	1.14	0.01	0.04	0.10	0.01
1216026	0.30	33.00	0.01	0.03	23.00	26.00	0.57	72.00	0.01	1.00	1.45	0.01	0.06	0.05	0.01
1215924	0.40	18.00	0.17	0.06	12.00	11.00	0.07	68.00	0.01	0.50	0.54	0.01	0.04	0.10	0.02
1216038	0.30	14.00	0.02	0.05	3.00	13.00	0.08	21.00	0.01	0.50	0.40	0.01	0.03	1.00	0.04
1215901	0.50	8.00	0.01	0.03	32.00	10.00	0.21	58.00	0.00	1.00	0.80	0.01	0.05	0.10	0.02
1215902	0.50	7.00	0.01	0.03	38.00	9.00	0.16	49.00	0.00	0.50	0.65	0.01	0.04	0.10	0.02
1215735	0.30	18.00	0.34	0.05	28.00	22.00	0.59	107.00	0.01	0.50	1.36	0.01	0.06	0.20	0.08
1215056	0.40	20.00	0.27	0.06	24.00	19.00	0.44	86.00	0.02	3.00	1.07	0.01	0.11	0.20	0.03
1216079	0.40	17.00	0.02	0.07	33.00	18.00	0.15	31.00	0.01	0.50	0.80	0.00	0.04	0.50	0.03
1216080	0.30	16.00	0.06	0.08	39.00	18.00	0.29	28.00	0.01	0.50	0.79	0.00	0.03	0.40	0.03
1215707	0.30	6.00	0.07	0.04	4.00	5.00	0.07	47.00	0.00	0.50	0.52	0.03	0.05	0.20	0.09
1216013	0.30	33.00	0.30	0.08	21.00	20.00	0.37	225.00	0.02	3.00	0.93	0.01	0.06	0.10	0.02
1215734	0.30	16.00	0.28	0.05	26.00	26.00	0.55	103.00	0.01	0.50	1.37	0.01	0.08	0.20	0.07
1216098	0.50	4.00	0.02	0.05	21.00	12.00	0.13	24.00	0.00	0.50	0.63	0.01	0.03	0.20	0.03
1216023	0.40	17.00	0.06	0.09	6.00	13.00	0.21	120.00	0.00	0.50	0.94	0.01	0.03	0.05	0.02
1216091	0.60	3.00	0.17	0.07	30.00	8.00	0.10	30.00	0.00	1.00	0.52	0.01	0.05	0.20	0.03
1215903	0.50	7.00	0.06	0.03	34.00	8.00	0.13	55.00	0.00	0.50	0.56	0.01	0.05	0.10	0.03
1215051	0.40	7.00	0.02	0.03	31.00	15.00	0.26	52.00	0.01	2.00	1.03	0.01	0.07	0.20	0.02
1215724	0.60	14.00	0.13	0.05	12.00	12.00	0.20	48.00	0.00	0.50	0.68	0.01	0.04	0.20	0.02
1215904	0.50	9.00	0.01	0.03	28.00	9.00	0.13	57.00	0.00	0.50	0.65	0.01	0.04	0.10	0.02
1216090	0.70	3.00	0.20	0.05	35.00	12.00	0.21	15.00	0.00	3.00	0.77	0.01	0.06	0.05	0.03
1216017	0.30	25.00	0.20	0.06	16.00	18.00	0.38	155.00	0.01	2.00	1.20	0.01	0.06	0.05	0.02
1216078	0.30	19.00	0.02	0.09	24.00	19.00	0.13	36.00	0.00	0.50	0.92	0.01	0.05	0.60	0.07
1216099	0.40	5.00	0.02	0.04	22.00	12.00	0.15	40.00	0.00	0.50	0.81	0.01	0.04	0.20	0.03
1216100	0.40	6.00	0.01	0.03	23.00	15.00	0.23	40.00	0.00	0.50	0.94	0.01	0.05	0.10	0.02
1215723	0.40	10.00	0.71	0.15	8.00	15.00	0.23	93.00	0.00	2.00	1.17	0.01	0.06	0.20	0.04
1216064	0.40	14.00	0.18	0.05	23.00	20.00	0.55	106.00	0.00	0.50	1.53	0.01	0.07	0.30	0.03
1216085	0.40	9.00	0.05	0.07	20.00	14.00	0.24	39.00	0.00	0.50	0.87	0.01	0.04	0.30	0.04
1216097	0.50	9.00	0.07	0.06	14.00	16.00	0.12	52.00	0.00	0.50	0.84	0.01	0.05	0.30	0.05

Soil Digital Entry

Lab Tag ID	0.1	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01
	Bi_ppm	V_ppm	Ca_pct	P_pct	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm	Hg_ppm
1215736	0.30	17.00	0.22	0.06	21.00	20.00	0.58	127.00	0.01	0.50	1.37	0.01	0.08	0.20	0.05
1215909	0.60	9.00	0.03	0.02	23.00	11.00	0.16	71.00	0.00	0.50	0.75	0.01	0.05	0.20	0.04
1215706	0.30	7.00	0.07	0.05	7.00	6.00	0.09	41.00	0.01	0.50	0.50	0.02	0.05	0.20	0.13
1215731	0.30	13.00	0.12	0.04	32.00	19.00	0.42	46.00	0.01	6.00	1.05	0.01	0.07	0.20	0.08
1215905	0.70	8.00	0.14	0.05	25.00	10.00	0.12	56.00	0.00	0.50	0.65	0.01	0.04	0.20	0.02
1215950	0.30	20.00	0.02	0.04	40.00	13.00	0.17	67.00	0.01	1.00	0.78	0.00	0.04	0.20	0.01
1215709	0.30	6.00	0.18	0.05	13.00	6.00	0.11	33.00	0.00	0.50	0.73	0.01	0.04	0.20	0.08
1215054	0.40	12.00	0.02	0.03	26.00	12.00	0.25	52.00	0.01	0.50	0.70	0.01	0.04	0.20	0.03
1216025	0.40	29.00	0.03	0.04	21.00	21.00	0.53	89.00	0.01	1.00	1.28	0.01	0.04	0.05	0.02
1216092	0.80	2.00	0.06	0.06	30.00	9.00	0.12	16.00	0.00	1.00	0.51	0.01	0.05	0.20	0.05
1215714	0.30	4.00	0.02	0.04	22.00	5.00	0.04	21.00	0.00	0.50	0.35	0.01	0.03	0.20	0.25
1215055	0.40	13.00	0.02	0.03	29.00	13.00	0.25	51.00	0.01	0.50	0.75	0.01	0.04	0.20	0.02
1216095	0.40	1.00	0.02	0.04	36.00	7.00	0.06	20.00	0.00	0.50	0.40	0.00	0.04	0.30	0.08
1216032	0.50	15.00	0.01	0.03	6.00	17.00	0.30	69.00	0.00	0.50	1.02	0.00	0.03	0.10	0.02
1216019	0.20	15.00	0.27	0.06	8.00	10.00	0.14	138.00	0.00	1.00	0.82	0.02	0.05	0.05	0.02
1216093	0.50	2.00	0.08	0.05	29.00	7.00	0.06	27.00	0.01	2.00	0.53	0.02	0.10	0.30	0.07
1216096	0.60	7.00	0.12	0.05	15.00	13.00	0.15	43.00	0.00	0.50	0.81	0.01	0.06	0.30	0.10
1216094	0.50	2.00	0.04	0.04	21.00	7.00	0.07	28.00	0.00	0.50	0.44	0.01	0.04	0.30	0.06
1216008	0.30	25.00	0.03	0.08	7.00	17.00	0.13	53.00	0.01	2.00	0.59	0.01	0.06	0.20	0.01
1215725	0.50	10.00	0.28	0.07	18.00	13.00	0.29	48.00	0.00	0.50	0.87	0.01	0.05	0.20	0.03
1215720	0.40	12.00	0.15	0.05	13.00	14.00	0.29	109.00	0.00	1.00	0.87	0.01	0.05	0.20	0.04
1215710	0.40	6.00	0.20	0.06	12.00	9.00	0.11	31.00	0.00	0.50	0.63	0.01	0.04	0.10	0.21
1216003	0.40	35.00	0.01	0.02	23.00	18.00	0.15	39.00	0.01	1.00	0.73	0.00	0.03	0.10	0.01
1216256	0.40	18.00	0.02	0.05	37.00	16.00	0.27	39.00	0.00	3.00	0.95	0.00	0.03	0.40	0.02
1216254	0.20	9.00	0.03	0.04	12.00	8.00	0.07	34.00	0.01	0.50	0.41	0.02	0.04	0.50	0.63
1216086	0.50	6.00	0.12	0.09	21.00	12.00	0.15	45.00	0.00	0.50	0.65	0.01	0.04	0.20	0.03
1215913	0.40	19.00	0.01	0.03	13.00	13.00	0.05	31.00	0.00	0.50	0.43	0.01	0.05	0.30	0.02
1215925	0.50	20.00	0.04	0.06	17.00	21.00	0.33	75.00	0.01	0.50	1.34	0.01	0.05	0.20	0.03
1216260	0.60	7.00	0.19	0.08	14.00	12.00	0.14	55.00	0.00	2.00	0.78	0.01	0.05	0.20	0.02
1215052	0.50	1.00	0.02	0.03	22.00	6.00	0.06	34.00	0.00	0.50	0.32	0.01	0.04	0.20	0.02
1216087	0.50	9.00	0.07	0.07	26.00	14.00	0.22	58.00	0.00	0.50	0.82	0.01	0.04	0.20	0.03

Soil Digital Entry

Lab Tag ID	0.1	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01
	Bi_ppm	V_ppm	Ca_pct	P_pct	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct	W_ppm	Hg_ppm
1215708	0.30	5.00	0.37	0.07	8.00	7.00	0.07	50.00	0.00	0.50	0.74	0.02	0.04	0.10	0.08
1215721	0.40	11.00	0.33	0.08	10.00	14.00	0.25	134.00	0.00	0.50	1.01	0.01	0.08	0.20	0.06
1216255	0.50	5.00	0.01	0.04	45.00	6.00	0.01	15.00	0.00	0.50	0.27	0.00	0.04	0.40	0.01
1215712	0.40	6.00	0.12	0.05	16.00	8.00	0.07	23.00	0.00	0.50	0.40	0.01	0.04	0.20	0.06
1215715	1.40	8.00	0.03	0.05	13.00	11.00	0.07	22.00	0.00	0.50	0.39	0.01	0.04	0.30	0.02
1215730	0.60	12.00	0.15	0.05	15.00	16.00	0.36	60.00	0.00	0.50	1.00	0.01	0.06	0.20	0.06
1215726	0.50	10.00	0.17	0.05	29.00	14.00	0.30	48.00	0.00	0.50	0.79	0.01	0.04	0.20	0.05
1216089	0.40	6.00	0.15	0.07	18.00	8.00	0.11	49.00	0.00	0.50	0.64	0.01	0.04	0.20	0.07
1215934	0.40	19.00	0.01	0.02	7.00	13.00	0.08	46.00	0.00	0.50	0.66	0.01	0.04	0.30	0.02
1216018	0.50	22.00	0.14	0.07	20.00	22.00	0.47	94.00	0.01	0.50	1.20	0.01	0.05	0.10	0.02
1215717	0.40	12.00	0.08	0.06	21.00	13.00	0.34	76.00	0.01	0.50	0.89	0.01	0.05	0.30	0.05
1215729	0.50	11.00	0.33	0.05	18.00	18.00	0.34	54.00	0.00	1.00	1.03	0.01	0.06	0.10	0.06
1216258	0.40	14.00	0.02	0.04	51.00	11.00	0.20	23.00	0.01	3.00	0.69	0.00	0.03	0.40	0.07
1216088	0.50	10.00	0.06	0.07	26.00	11.00	0.16	41.00	0.01	1.00	0.70	0.01	0.05	0.20	0.06
1215053	0.40	6.00	0.04	0.03	25.00	10.00	0.16	53.00	0.00	0.50	0.64	0.01	0.05	0.20	0.04
1215719	0.50	7.00	0.21	0.03	13.00	11.00	0.15	53.00	0.00	0.50	0.53	0.01	0.04	0.20	0.04
1216104	0.80	8.00	0.05	0.02	6.00	7.00	0.12	65.00	0.00	0.50	0.52	0.01	0.06	0.30	0.04
1216257	0.50	12.00	0.01	0.04	44.00	11.00	0.13	26.00	0.00	2.00	0.56	0.00	0.03	0.40	0.11
1215931	0.60	16.00	0.03	0.04	10.00	20.00	0.29	71.00	0.00	0.50	0.98	0.01	0.04	0.40	0.04
1215722	0.50	8.00	0.11	0.03	14.00	11.00	0.19	44.00	0.01	0.50	0.61	0.01	0.05	0.20	0.03
1215718	0.50	11.00	0.47	0.09	10.00	19.00	0.22	100.00	0.00	0.50	0.95	0.01	0.06	0.80	0.07
1216004	0.40	18.00	0.01	0.03	7.00	13.00	0.10	29.00	0.00	0.50	0.52	0.01	0.03	0.05	0.01
1215716	0.30	3.00	0.01	0.01	16.00	5.00	0.03	30.00	0.00	0.50	0.22	0.01	0.07	0.20	0.06
1215917	0.50	18.00	0.17	0.06	10.00	18.00	0.30	162.00	0.01	0.50	0.74	0.01	0.05	0.05	0.03
1216259	0.50	5.00	0.01	0.01	30.00	3.00	0.01	15.00	0.00	0.50	0.12	0.00	0.03	0.20	0.23
1215906	0.60	8.00	0.13	0.03	23.00	12.00	0.17	52.00	0.00	0.50	0.72	0.01	0.04	0.10	0.05

Soil Digital Entry

it:
one:

1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Sc	Tl	S	Ga	Se	Te
PPM	PPM	%	PPM	PPM	PPM

Lab Tag ID	0.1 0.1 0.05 1 0.5 0.2					
	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm
1215955	3.70	0.05	0.03	6.00	0.25	0.10
1216056	0.20	0.05	0.03	3.00	0.25	0.10
1216066	0.40	0.05	0.03	3.00	0.25	0.10
1216050	0.70	0.05	0.03	5.00	0.25	0.10
1216044	0.90	0.05	0.03	5.00	0.25	0.10
1216042	0.90	0.05	0.03	3.00	0.25	0.10
1216040	1.70	0.05	0.03	5.00	0.25	0.10
1215702	1.70	0.05	0.03	2.00	0.25	0.10
1215927	0.20	0.05	0.03	1.00	0.25	0.10
1216036	0.80	0.05	0.03	2.00	0.25	0.10
1215916	0.10	0.05	0.03	2.00	0.25	0.10
1215928	0.30	0.05	0.03	3.00	0.25	0.10
1216057	0.80	0.05	0.03	4.00	0.25	0.10
1216041	1.50	0.05	0.03	2.00	0.25	0.10
1215945	1.80	0.20	0.03	4.00	1.70	0.10
1216047	0.40	0.05	0.07	4.00	0.25	0.10
1215953	1.20	0.05	0.03	5.00	0.25	0.10
1216046	0.70	0.05	0.10	5.00	0.25	0.10
1215933	0.40	0.05	0.03	2.00	0.25	0.10
1216045	1.70	0.05	0.03	5.00	0.25	0.10
1216039	1.10	0.05	0.03	2.00	0.25	0.10
1216049	0.50	0.05	0.07	5.00	0.25	0.10
1216073	2.50	0.10	0.03	4.00	0.70	0.10
1215701	1.30	0.05	0.03	2.00	0.25	0.10

Soil Digital Entry

Lab Tag ID	0.1	0.1	0.05	1	0.5	0.2
	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm
1216058	0.50	0.05	0.03	3.00	0.25	0.10
1216055	0.20	0.05	0.03	3.00	0.25	0.10
1215954	1.40	0.05	0.03	5.00	0.25	0.10
1216071	1.40	0.05	0.07	3.00	1.10	0.10
1215952	2.90	0.40	0.03	4.00	1.90	0.10
1215948	1.30	0.05	0.03	5.00	0.25	0.10
1215956	2.30	0.05	0.03	4.00	0.25	0.10
1216072	1.80	0.05	0.03	4.00	0.25	0.10
1215919	0.10	0.05	0.03	2.00	0.25	0.10
1215911	1.60	0.05	0.03	2.00	0.25	0.10
1215058	2.00	0.05	0.03	3.00	0.25	0.10
1215943	1.20	0.10	0.07	4.00	1.90	0.10
1216010	0.30	0.05	0.03	2.00	0.25	0.10
1215946	1.70	0.10	0.03	4.00	0.90	0.10
1215951	1.60	0.20	0.03	4.00	0.80	0.10
1215958	2.90	0.10	0.03	4.00	0.70	0.10
1216043	1.10	0.05	0.05	4.00	0.25	0.10
1216052	0.50	0.05	0.03	2.00	0.25	0.10
1215959	1.50	0.05	0.03	3.00	0.90	0.10
1216051	1.10	0.05	0.03	4.00	0.25	0.10
1215923	1.30	0.05	0.03	4.00	0.25	0.10
1215929	0.20	0.05	0.03	2.00	0.25	0.10
1216034	1.70	0.05	0.03	2.00	0.25	0.10
1215947	1.30	0.05	0.03	5.00	0.70	0.10
1215960	2.40	0.05	0.03	5.00	0.25	0.10
1216011	0.50	0.05	0.03	2.00	0.25	0.10
1215926	1.00	0.05	0.03	3.00	0.25	0.10
1216015	1.00	0.05	0.03	4.00	0.80	0.10
1216060	0.70	0.05	0.03	3.00	0.25	0.10
1216067	2.10	0.10	0.03	3.00	0.25	0.10
1216070	3.00	0.10	0.05	4.00	1.00	0.10

Soil Digital Entry

Lab Tag ID	0.1	0.1	0.05	1	0.5	0.2
	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm
1215949	1.60	0.10	0.03	5.00	1.50	0.10
1216082	1.40	0.05	0.03	4.00	0.25	0.10
1216037	0.90	0.05	0.03	3.00	0.25	0.10
1216061	0.30	0.05	0.03	3.00	0.25	0.10
1215704	1.00	0.70	0.07	4.00	0.25	0.10
1215920	1.40	0.05	0.03	6.00	0.25	0.10
1216054	0.50	0.05	0.03	4.00	0.25	0.10
1216081	1.00	0.05	0.03	3.00	0.25	0.10
1216063	1.80	0.05	0.03	4.00	0.25	0.10
1216028	2.50	0.05	0.03	4.00	0.90	0.10
1216102	2.00	0.10	0.03	3.00	0.25	0.10
1215957	3.50	0.10	0.03	5.00	0.25	0.10
1215921	1.20	0.20	0.18	5.00	0.70	0.10
1216033	0.50	0.05	0.03	2.00	0.25	0.10
1216251	1.80	0.05	0.03	1.00	0.25	0.10
1216031	1.60	0.05	0.03	3.00	0.60	0.10
1216065	1.40	0.05	0.03	4.00	0.25	0.10
1216069	2.70	0.10	0.03	4.00	0.80	0.10
1216007	0.80	0.05	0.03	4.00	0.25	0.10
1216062	1.40	0.05	0.03	3.00	0.25	0.10
1215705	1.00	0.20	0.03	3.00	0.25	0.10
1216029	2.30	0.05	0.03	3.00	1.10	0.10
1216068	2.00	0.05	0.07	4.00	1.20	0.10
1216053	1.10	0.05	0.03	4.00	0.25	0.10
1215907	1.40	0.05	0.03	3.00	0.25	0.10
1216027	1.60	0.05	0.03	7.00	0.25	0.10
1215908	1.90	0.10	0.03	3.00	0.25	0.10
1216020	1.00	0.05	0.03	4.00	0.25	0.10
1216252	1.20	0.20	0.03	1.00	0.25	0.10
1215914	1.60	0.05	0.03	2.00	0.25	0.10
1215944	2.40	0.30	0.03	3.00	2.90	0.10

Soil Digital Entry

Lab Tag ID	0.1	0.1	0.05	1	0.5	0.2
	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm
1215910	1.80	0.05	0.03	3.00	0.25	0.10
1215915	1.20	0.05	0.03	4.00	0.25	0.10
1216002	1.60	0.05	0.03	5.00	1.40	0.10
1215732	0.90	0.10	0.03	3.00	0.25	0.10
1216021	1.10	0.05	0.03	4.00	0.70	0.10
1215703	3.40	0.05	0.03	2.00	0.25	0.10
1216022	0.70	0.05	0.03	3.00	0.25	0.10
1216083	2.30	0.10	0.03	2.00	0.25	0.10
1215922	1.40	0.05	0.06	4.00	0.25	0.10
1216005	1.60	0.05	0.03	2.00	0.90	0.10
1215733	1.00	0.10	0.03	3.00	0.25	0.10
1216059	2.10	0.05	0.03	4.00	0.25	0.10
1216048	0.60	0.05	0.05	5.00	0.25	0.10
1215918	1.70	0.05	0.03	3.00	0.25	0.10
1215057	3.20	0.05	0.03	3.00	0.25	0.10
1216012	0.30	0.05	0.03	3.00	0.50	0.10
1216253	1.10	0.10	0.03	3.00	0.25	0.10
1216084	1.60	0.05	0.05	4.00	0.25	0.10
1216014	2.30	0.05	0.03	5.00	0.25	0.10
1215711	1.30	0.50	0.03	0.50	0.25	0.10
1215713	0.30	0.50	0.03	1.00	0.25	0.10
1215932	1.40	0.05	0.03	2.00	0.25	0.10
1216016	11.90	0.05	0.03	6.00	1.90	0.10
1216030	2.30	0.05	0.03	2.00	0.90	0.10
1216009	1.50	0.05	0.03	5.00	0.25	0.10
1216035	8.80	0.05	0.03	8.00	0.25	0.10
1216024	1.10	0.05	0.03	10.00	2.00	0.10
1215930	1.60	0.05	0.03	5.00	0.25	0.10
1215912	2.70	0.05	0.03	2.00	0.25	0.10
1215728	1.80	0.05	0.03	3.00	0.25	0.10
1215727	1.60	0.10	0.03	3.00	0.25	0.10

Soil Digital Entry

Lab Tag ID	0.1	0.1	0.05	1	0.5	0.2
	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm
1216001	1.50	0.05	0.03	4.00	1.00	0.10
1216103	7.80	0.05	0.03	1.00	0.25	0.10
1216006	1.90	0.05	0.03	4.00	0.50	0.10
1216026	2.10	0.05	0.03	5.00	0.25	0.10
1215924	0.70	0.05	0.03	3.00	0.25	0.10
1216038	1.10	0.05	0.03	1.00	0.25	0.10
1215901	2.20	0.05	0.03	2.00	0.25	0.10
1215902	1.80	0.05	0.03	2.00	0.25	0.10
1215735	1.40	0.20	0.03	4.00	0.60	0.10
1215056	2.50	0.05	0.03	3.00	0.25	0.10
1216079	1.10	0.20	0.03	3.00	0.25	0.10
1216080	1.60	0.10	0.03	2.00	0.25	0.10
1215707	1.30	0.40	0.03	2.00	0.25	0.10
1216013	3.50	0.05	0.03	3.00	0.25	0.10
1215734	2.00	0.10	0.03	4.00	0.25	0.10
1216098	1.40	0.10	0.03	2.00	0.25	0.10
1216023	1.20	0.05	0.03	3.00	0.25	0.10
1216091	3.80	0.05	0.03	2.00	0.25	0.10
1215903	2.10	0.05	0.03	2.00	0.25	0.10
1215051	2.90	0.05	0.03	3.00	0.25	0.10
1215724	1.10	0.05	0.03	3.00	0.25	0.10
1215904	1.40	0.05	0.03	2.00	0.25	0.10
1216090	3.40	0.05	0.06	2.00	0.25	0.10
1216017	2.60	0.05	0.03	4.00	0.80	0.10
1216078	0.40	0.20	0.03	4.00	0.25	0.10
1216099	1.90	0.05	0.03	2.00	0.25	0.10
1216100	2.10	0.05	0.03	3.00	0.25	0.10
1215723	1.60	0.05	0.09	2.00	0.25	0.10
1216064	1.80	0.05	0.03	4.00	0.25	0.10
1216085	1.50	0.20	0.03	2.00	0.25	0.10
1216097	1.70	0.30	0.03	3.00	0.25	0.10

Soil Digital Entry

Lab Tag ID	0.1	0.1	0.05	1	0.5	0.2
	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm
1215736	1.70	0.05	0.03	3.00	0.25	0.10
1215909	2.10	0.05	0.03	2.00	0.25	0.10
1215706	2.20	0.40	0.03	1.00	0.25	0.10
1215731	2.00	0.20	0.03	3.00	0.25	0.10
1215905	1.60	0.05	0.03	2.00	0.25	0.10
1215950	0.80	0.05	0.03	4.00	0.25	0.10
1215709	2.60	0.10	0.03	1.00	0.25	0.10
1215054	2.00	0.05	0.03	2.00	0.25	0.10
1216025	2.80	0.05	0.03	4.00	0.25	0.10
1216092	3.10	0.10	0.03	2.00	0.25	0.10
1215714	1.50	0.60	0.03	0.50	0.25	0.10
1215055	1.60	0.05	0.03	2.00	0.25	0.10
1216095	1.90	0.20	0.03	1.00	0.25	0.10
1216032	1.80	0.05	0.03	3.00	0.25	0.10
1216019	1.10	0.05	0.03	2.00	1.00	0.10
1216093	3.50	0.30	0.03	2.00	0.25	0.10
1216096	2.70	0.40	0.03	2.00	0.25	0.10
1216094	2.10	0.20	0.03	1.00	0.25	0.10
1216008	0.60	0.05	0.03	3.00	1.10	0.10
1215725	1.90	0.05	0.03	2.00	0.25	0.10
1215720	2.20	0.05	0.03	2.00	0.25	0.10
1215710	2.30	0.20	0.03	2.00	0.25	0.10
1216003	1.20	0.05	0.03	5.00	0.25	0.10
1216256	1.60	0.05	0.03	3.00	1.10	0.10
1216254	0.70	0.20	0.03	2.00	0.25	0.10
1216086	2.30	0.05	0.06	2.00	0.25	0.10
1215913	1.50	0.05	0.03	2.00	0.25	0.10
1215925	2.10	0.05	0.03	3.00	0.25	0.10
1216260	2.20	0.60	0.03	2.00	0.70	0.10
1215052	1.40	0.05	0.03	1.00	0.25	0.10
1216087	2.20	0.05	0.03	3.00	0.25	0.10

Soil Digital Entry

Lab Tag ID	0.1	0.1	0.05	1	0.5	0.2
	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm
1215708	2.10	0.20	0.03	1.00	0.25	0.10
1215721	2.40	0.05	0.03	2.00	0.25	0.10
1216255	1.20	0.05	0.03	1.00	0.25	0.10
1215712	2.80	0.20	0.03	0.50	0.25	0.10
1215715	2.10	0.05	0.03	1.00	0.25	0.10
1215730	2.10	0.10	0.03	3.00	0.25	0.10
1215726	1.90	0.05	0.03	2.00	0.25	0.10
1216089	2.20	0.10	0.05	2.00	0.25	0.10
1215934	2.20	0.05	0.03	2.00	0.25	0.10
1216018	2.00	0.05	0.03	3.00	0.25	0.10
1215717	2.30	0.10	0.03	2.00	0.25	0.10
1215729	2.10	0.10	0.03	3.00	0.25	0.10
1216258	1.70	0.05	0.03	2.00	0.25	0.10
1216088	2.80	0.10	0.03	2.00	0.25	0.10
1215053	1.60	0.10	0.03	2.00	0.25	0.10
1215719	2.50	0.05	0.03	1.00	0.25	0.10
1216104	3.60	0.05	0.03	1.00	0.25	0.10
1216257	1.30	0.10	0.03	2.00	0.25	0.10
1215931	2.10	0.05	0.03	2.00	0.25	0.10
1215722	2.70	0.05	0.03	1.00	0.25	0.10
1215718	2.40	0.20	0.05	2.00	0.25	0.10
1216004	1.70	0.05	0.03	2.00	1.10	0.10
1215716	0.30	0.90	0.12	0.50	0.25	0.10
1215917	3.50	0.05	0.03	2.00	0.25	0.10
1216259	0.20	0.20	0.03	0.50	0.25	0.10
1215906	2.10	0.05	0.03	2.00	0.25	0.10

Silt Digital Entry



Property:	Summit
Project Geologist:	Clayton Jones/Diana Benz
GPS Datum & Zone:	Zone 9 NAD 83
Lab:	Acme

Date	Silt Sampler	Lab Tag Number	UTM Easting	UTM Northing	Elevation	Sample Environment	Medium	Medium Depth (m)	Medium Width (m)	Bank Type
6-Aug-11	Clayton Jones	1216105	6909398.27	481180.98	1204					
6-Aug-11	Michael Glynn	1216261	6907802.39	483895.33	1559					
7-Aug-11	Inyo Youngreen	1216351	6908463.65	483118.60	1440					

Silt Digital Entry

Water color	Vegetation Cover	Photograph Number	Date Shipped	Shipping Number	Comment	Lab_ID	Certificate	Method
								Analyte PPM MDL
			9-Aug-11	SUM-1		1216105	WHI11001212	1DX15
			9-Aug-11	SUM-1		1216261	WHI11001212	1DX15
			9-Aug-11	SUM-1		1216351	WHI11001212	1DX15

Silt Digital Entry

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
 PPM PPM PPM PPM PPM PPM PPM PPM % PPM PPB 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

Lab_ID	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	Au_ppb	Th_ppm	Sr_ppm
1216105	0.3	29.6	26.3	88	0.1	28.5	12.3	643	2.78	54.9	25.1	3.5	36
1216261	0.5	29.1	38.3	110	<0.1	30.2	13.4	410	3.79	39.3	27.8	9.2	14
1216351	0.4	24.2	27.7	92	<0.1	27	13.2	385	3.44	46.1	28.5	7.3	20

Silt Digital Entry

	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K
	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%
	0.1	0.1	0.1	2	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01
Lab_ID	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pct	P_pct	La_ppm	Cr_ppm	Mg_pct	Ba_ppm	Ti_pct	B_ppm	Al_pct	Na_pct	K_pct
1216105	0.2	4	0.4	8	0.38	0.053	5	9	0.19	134	0.002	<1	0.55	0.008	0.05
1216261	<0.1	4.4	0.4	6	0.19	0.043	18	6	0.12	31	0.003	<1	0.71	0.014	0.04
1216351	<0.1	2.4	0.5	10	0.31	0.054	21	12	0.23	39	0.003	<1	0.78	0.005	0.04

Silt Digital Entry

1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15
W Hg Sc Tl S Ga Se Te
PPM PPM PPM PPM % PPM PPM PPM

0.1 0.01 0.1 0.1 0.05 1 0.5 0.2

Lab_ID	W_ppm	Hg_ppm	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm
1216105	0.1	0.07	2.8	<0.1	0.05	1	0.6	<0.2
1216261	0.1	0.03	2.6	<0.1	<0.05	2	<0.5	<0.2
1216351	0.2	0.03	1.9	0.1	<0.05	2	<0.5	<0.2

APPENDIX C
CERTIFICATES OF ANALYSIS



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 22, 2011
Report Date: October 11, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

WHI11001262.1

CLIENT JOB INFORMATION

Project: Summit
Shipment ID: SUM1
P.O. Number
Number of Samples: 110

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	110	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	110	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	110	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS



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



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Client: **Goldstrike Resources (Petro One Energy Co**
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3 Canada

Project: Summit
Report Date: October 11, 2011

Page: 2 of 5 Part 1

CERTIFICATE OF ANALYSIS

WHI11001262.1

	Method Analyte	Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
			Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
			kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
			0.01	2	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
1216401	Rock		1.12	3	0.2	11.1	5.0	22	<0.1	13.0	4.1	585	1.16	0.8	<0.5	4.3	53	0.6	0.3	0.2
1216402	Rock		0.90	3	0.2	11.6	2.9	37	<0.1	13.4	3.1	338	0.87	3.1	<0.5	4.2	13	2.2	0.2	0.2
1216403	Rock		1.63	3	0.2	157.7	6.5	39	<0.1	7.2	0.5	19	9.15	2.8	1.0	5.1	3	0.8	0.3	0.1
1216404	Rock		0.87	6	0.3	20.9	6.8	68	0.1	37.0	7.1	444	1.41	2.5	1.1	4.4	29	3.3	0.2	0.2
1216405	Rock		0.61	7	0.9	89.3	7.3	52	0.2	10.1	1.5	39	6.49	11.6	2.2	4.7	50	2.2	0.8	0.2
1216406	Rock		0.85	<2	7.4	40.0	4.6	32	0.6	24.9	1.0	26	0.61	4.7	1.4	1.8	24	0.2	1.5	0.1
1216407	Rock		0.62	3	1.1	13.2	2.4	8	0.3	8.9	0.6	40	0.50	1.8	<0.5	1.3	5	0.2	0.6	<0.1
1216408	Rock		0.38	7	2.2	20.9	4.0	9	0.5	2.7	0.2	29	0.53	3.0	0.7	1.6	12	0.5	0.9	<0.1
1216409	Rock		0.47	<2	1.1	11.7	9.5	87	0.4	13.8	3.4	37	1.54	3.4	0.7	5.6	4	<0.1	0.3	0.2
1216410	Rock		0.75	3	5.8	27.8	5.6	4	0.3	3.3	0.3	31	0.53	3.5	1.0	1.0	15	0.2	1.3	<0.1
1216411	Rock		0.59	6	48.9	151.6	112.6	261	1.0	92.0	2.9	33	1.83	56.6	0.7	0.7	8	1.4	14.4	<0.1
1216412	Rock		0.66	<2	1.2	10.0	1.8	26	<0.1	6.8	1.0	32	1.42	9.6	<0.5	1.0	67	0.2	0.6	<0.1
1216413	Rock		0.61	3	0.2	17.8	4.7	35	<0.1	11.5	3.0	265	1.42	1.5	<0.5	5.7	195	0.2	0.4	<0.1
1216414	Rock		0.54	11	14.4	19.5	9.3	25	0.2	3.3	0.4	30	0.53	5.7	1.0	0.7	3	<0.1	2.8	<0.1
1216415	Rock		0.42	<2	11.0	7.7	11.7	<1	0.3	1.4	<0.1	23	0.40	5.2	<0.5	0.6	4	<0.1	3.3	<0.1
1216416	Rock		0.68	<2	0.2	5.2	10.5	13	<0.1	7.0	3.7	307	0.86	1.1	<0.5	4.3	351	<0.1	<0.1	<0.1
1216417	Rock		0.62	6	13.4	170.8	18.2	178	0.7	56.4	7.1	70	11.03	92.3	0.5	5.0	35	0.8	4.8	0.1
1216418	Rock		0.52	9	2.4	95.2	8.4	121	0.6	40.3	4.4	30	1.83	24.5	<0.5	4.5	9	0.6	1.5	0.2
1216419	Rock		0.39	4	70.4	89.6	7.2	3508	0.9	337.0	62.4	636	11.39	54.7	<0.5	3.2	27	9.5	3.4	<0.1
1216420	Rock		0.46	3	26.8	333.9	19.6	1379	1.9	336.3	86.2	2242	9.28	20.9	<0.5	5.9	11	17.0	4.3	0.1
1216421	Rock		0.70	<2	0.2	5.3	4.0	20	<0.1	5.9	2.4	265	0.73	1.2	<0.5	3.4	678	<0.1	<0.1	<0.1
1216422	Rock		0.65	4	0.2	7.4	4.0	30	<0.1	7.7	2.7	197	0.93	1.4	<0.5	3.7	694	<0.1	<0.1	<0.1
1216423	Rock		0.42	3	0.2	19.3	8.6	51	<0.1	19.1	8.8	333	2.24	2.2	<0.5	6.1	235	<0.1	<0.1	<0.1
1216424	Rock		0.52	18	5.2	89.3	24.7	91	0.7	44.9	13.9	96	3.37	27.0	0.9	4.1	72	0.4	2.4	0.3
1216425	Rock		0.36	<2	0.1	5.9	5.4	27	<0.1	8.9	2.9	284	1.13	1.0	<0.5	5.0	487	<0.1	<0.1	<0.1
1216426	Rock		0.36	3	0.2	30.0	3.9	75	<0.1	20.5	4.7	62	2.41	1.8	<0.5	9.6	8	0.5	0.2	<0.1
1216427	Rock		0.39	14	1.0	30.1	8.8	90	0.2	28.3	3.7	74	2.69	3.3	<0.5	10.2	9	0.2	0.5	0.2
1215102	Rock		1.27	3	1.0	76.1	19.7	107	<0.1	24.8	45.2	3784	6.92	52.6	<0.5	1.3	153	0.1	1.5	<0.1
1215103	Rock		0.70	<2	0.2	72.3	2.1	62	<0.1	31.2	33.6	1115	6.85	50.7	<0.5	0.8	183	<0.1	0.7	<0.1
1215104	Rock		0.69	<2	0.3	95.6	1.0	65	<0.1	42.5	41.3	889	5.78	9.3	<0.5	0.9	61	<0.1	<0.1	<0.1



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1300 - 111 West Georgia Street
Vancouver BC V6E 4M3 Canada

Project: Summit
Report Date: October 11, 2011

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

WHI11001262.1

Method Analyte Unit MDL		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	
0.2	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
1216401	Rock	0.018	15	4	1.30	348	0.001	<20	0.32	0.003	0.23	<0.1	0.03	<0.1	<0.05	3.3	<0.5	<1	<0.2
1216402	Rock	0.019	16	4	0.33	218	0.001	<20	0.37	0.002	0.23	<0.1	0.02	<0.1	<0.05	2.4	<0.5	<1	<0.2
1216403	Rock	0.033	12	5	0.03	60	0.001	<20	0.40	<0.001	0.18	<0.1	0.02	<0.1	<0.05	2.3	1.7	<1	<0.2
1216404	Rock	0.020	14	5	0.64	756	0.001	<20	0.49	0.004	0.29	<0.1	0.05	<0.1	0.23	3.1	<0.5	1	<0.2
1216405	Rock	0.176	9	2	0.03	446	0.002	<20	0.53	0.002	0.34	<0.1	0.04	0.5	0.36	3.5	0.9	<1	<0.2
1216406	Rock	0.338	11	26	0.06	139	0.013	<20	0.32	0.002	0.14	0.3	0.31	<0.1	0.08	1.0	2.4	1	<0.2
1216407	Rock	0.041	3	5	0.02	93	0.001	<20	0.11	<0.001	0.06	<0.1	0.18	<0.1	0.06	0.5	1.3	<1	<0.2
1216408	Rock	0.117	5	16	0.16	117	0.002	<20	0.25	0.002	0.11	<0.1	0.14	0.1	0.06	1.3	2.3	<1	<0.2
1216409	Rock	0.019	13	8	0.09	242	0.002	<20	0.50	0.001	0.35	<0.1	0.10	0.1	0.20	2.8	0.7	1	<0.2
1216410	Rock	0.209	9	13	0.04	118	0.003	<20	0.23	0.002	0.10	<0.1	0.14	<0.1	<0.05	0.8	2.9	<1	<0.2
1216411	Rock	0.092	6	14	0.04	92	0.003	<20	0.33	<0.001	0.07	0.5	0.53	0.1	<0.05	1.0	5.0	1	<0.2
1216412	Rock	0.146	7	8	0.06	127	0.001	<20	0.39	0.001	0.06	<0.1	0.02	<0.1	<0.05	1.2	0.9	<1	<0.2
1216413	Rock	0.096	19	9	1.43	144	0.001	<20	0.60	0.006	0.18	<0.1	0.03	<0.1	<0.05	2.8	<0.5	2	<0.2
1216414	Rock	0.010	4	6	0.02	56	0.002	<20	0.09	<0.001	0.05	0.2	0.16	0.1	<0.05	0.3	2.0	<1	<0.2
1216415	Rock	0.011	3	<1	0.02	40	0.001	<20	0.08	<0.001	0.05	<0.1	0.17	0.2	<0.05	0.2	0.7	<1	<0.2
1216416	Rock	0.008	4	2	0.10	15	<0.001	<20	0.17	0.006	0.06	<0.1	0.01	<0.1	<0.05	1.7	<0.5	<1	<0.2
1216417	Rock	0.329	9	18	0.07	427	0.003	<20	0.75	0.002	0.22	<0.1	0.19	0.1	0.18	4.1	5.6	2	<0.2
1216418	Rock	0.057	14	11	0.07	502	<0.001	<20	0.56	<0.001	0.25	<0.1	0.20	<0.1	0.06	2.6	1.9	1	<0.2
1216419	Rock	0.179	12	8	0.09	267	0.003	<20	0.53	0.002	0.21	<0.1	0.13	<0.1	<0.05	3.4	3.0	1	<0.2
1216420	Rock	0.097	20	8	0.07	255	0.002	<20	0.98	0.001	0.21	<0.1	0.22	0.8	0.07	8.8	4.2	1	<0.2
1216421	Rock	0.042	11	7	0.61	109	<0.001	<20	0.41	0.003	0.05	<0.1	<0.01	<0.1	<0.05	1.6	<0.5	1	<0.2
1216422	Rock	0.073	13	11	1.90	180	0.002	<20	0.91	0.002	0.12	<0.1	<0.01	<0.1	<0.05	2.2	<0.5	2	<0.2
1216423	Rock	0.066	19	25	1.87	192	0.002	<20	1.88	0.005	0.17	<0.1	0.03	<0.1	<0.05	2.3	<0.5	5	<0.2
1216424	Rock	0.348	20	29	0.72	288	0.003	<20	1.31	0.002	0.19	<0.1	0.12	<0.1	<0.05	1.7	2.0	3	<0.2
1216425	Rock	0.083	14	12	1.10	142	0.001	<20	0.76	0.006	0.11	<0.1	<0.01	<0.1	<0.05	2.1	<0.5	2	<0.2
1216426	Rock	0.041	27	32	2.45	226	0.005	<20	2.37	0.005	0.33	<0.1	0.03	<0.1	<0.05	2.4	<0.5	6	<0.2
1216427	Rock	0.026	28	28	1.24	171	0.003	<20	1.74	0.002	0.31	<0.1	0.10	<0.1	<0.05	1.6	1.8	5	<0.2
1215102	Rock	0.298	16	4	1.82	82	0.001	<20	0.43	0.027	0.23	<0.1	0.04	<0.1	0.12	9.2	0.5	2	<0.2
1215103	Rock	0.205	14	7	2.14	69	0.003	<20	2.23	0.021	0.08	<0.1	<0.01	<0.1	0.16	10.1	<0.5	7	<0.2
1215104	Rock	0.220	14	25	2.11	78	0.250	<20	2.68	0.063	0.03	<0.1	<0.01	<0.1	0.19	3.2	<0.5	7	<0.2



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1300 - 111 West Georgia Street

Vancouver BC V6E 4M3 Canada

Project:

Summit

Report Date:

October 11, 2011

Page:

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Part 1

CERTIFICATE OF ANALYSIS

WHI11001262.1

	Method Analyte	Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
			Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
			kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
			0.01	2	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
1215105	Rock		1.04	8	0.2	29.9	8.3	9	<0.1	3.3	2.1	94	3.10	953.6	7.8	4.8	5	<0.1	1.0	<0.1
1216151	Rock		0.73	6	2.7	44.6	38.7	63	2.0	4.8	0.4	16	2.05	23.0	<0.5	4.8	16	0.1	1.4	0.3
1216152	Rock		0.77	3	0.3	7.5	3.6	20	0.2	16.5	4.2	645	1.12	6.4	1.1	3.4	75	0.8	0.2	<0.1
1216153	Rock		0.60	4	0.4	32.4	4.1	212	<0.1	9.2	2.4	28	1.77	2.9	0.9	3.6	4	0.2	0.2	0.1
1216154	Rock		0.94	10	1.5	24.9	2.2	22	0.4	9.6	0.8	32	0.65	5.7	0.8	1.1	20	0.1	1.1	0.1
1216155	Rock		0.71	9	7.4	252.0	27.6	431	0.7	83.3	7.0	118	3.71	23.1	<0.5	4.8	418	4.1	7.8	0.3
1216156	Rock		0.92	4	16.2	54.0	8.5	79	0.7	11.6	0.5	28	2.11	25.4	1.3	2.1	102	0.9	4.0	0.1
1216157	Rock		0.90	<2	9.6	17.5	13.6	18	0.2	2.6	0.3	26	0.55	5.7	0.5	0.6	10	0.3	2.7	0.1
1216158	Rock		0.81	11	3.8	43.8	3.8	41	0.8	13.1	0.5	22	0.56	8.4	<0.5	1.3	22	0.4	2.0	0.2
1216159	Rock		1.00	<2	1.9	41.7	0.8	34	0.2	5.8	0.5	27	0.36	1.5	1.2	0.2	13	0.2	0.4	<0.1
1216160	Rock		0.68	<2	0.1	1.1	17.1	94	<0.1	38.3	23.9	1209	3.83	<0.5	1.1	5.7	10	<0.1	<0.1	0.4
1216161	Rock		0.81	<2	0.2	22.6	10.5	47	<0.1	11.9	6.9	776	3.33	10.2	0.6	2.3	28	<0.1	1.3	<0.1
1216162	Rock		0.81	<2	1.0	16.3	3.0	112	<0.1	8.4	34.8	4454	8.61	1.8	0.7	1.3	126	0.1	0.1	<0.1
1216163	Rock		0.94	<2	0.2	62.6	1.6	86	<0.1	43.0	48.1	1637	8.70	2.3	<0.5	1.3	176	<0.1	0.3	<0.1
1216164	Rock		0.66	16	0.1	0.9	2.9	2	<0.1	0.2	0.4	65	0.19	0.7	<0.5	1.4	16	<0.1	0.4	<0.1
1216165	Rock		0.81	<2	<0.1	6.3	6.3	42	<0.1	10.2	5.1	1692	3.11	6.9	<0.5	1.7	11	<0.1	0.4	<0.1
1216166	Rock		0.55	3	<0.1	19.0	2.8	61	<0.1	29.4	18.6	514	2.84	0.6	<0.5	2.9	18	<0.1	3.4	0.1
1216167	Rock		1.11	11	0.2	2.8	7.6	17	<0.1	7.1	4.0	1568	1.94	10.7	7.2	5.4	53	<0.1	0.3	<0.1
1216168	Rock		0.73	<2	0.1	2.0	23.0	24	<0.1	9.8	5.2	611	1.38	6.1	0.7	1.3	27	<0.1	0.3	<0.1
1216169	Rock		0.78	18	1.3	96.1	37.4	10	0.1	0.6	0.6	4696	0.66	21.8	11.6	0.2	387	0.1	31.3	0.2
1216170	Rock		0.73	14	0.1	0.9	2.9	90	<0.1	1.7	0.3	283	0.27	1.4	1.5	0.3	1154	0.1	0.7	<0.1
1216171	Rock		0.69	4	12.8	35.4	1.4	3479	<0.1	256.7	15.3	121	37.75	5.4	1.9	0.2	28	4.6	1.2	<0.1
1216172	Rock		1.56	9	1.3	15.0	10.2	104	0.3	36.4	5.2	140	0.85	2.1	<0.5	1.3	22	0.2	0.5	<0.1
1216173	Rock		1.50	3	2.6	23.1	5.0	135	0.2	33.5	1.2	18	1.51	6.5	<0.5	2.3	38	0.6	0.5	<0.1
1216174	Rock		1.09	<2	0.1	5.4	3.1	55	<0.1	13.5	10.4	3358	2.83	1.3	1.2	4.5	25	0.2	0.1	<0.1
1216175	Rock		1.11	28	14.7	21.1	9.1	101	0.5	21.1	1.8	43	4.75	9.6	<0.5	1.1	16	0.6	1.9	<0.1
1216176	Rock		1.29	5	6.7	23.5	4.5	73	0.2	25.1	1.3	34	1.24	11.8	<0.5	1.6	6	0.2	0.8	<0.1
1216177	Rock		0.91	<2	0.4	7.1	13.5	88	<0.1	22.1	4.6	571	1.34	7.9	<0.5	4.2	185	1.1	0.5	<0.1
1216178	Rock		1.09	<2	0.3	62.5	3.4	101	<0.1	41.9	42.3	1420	6.96	1.9	<0.5	0.9	77	0.1	0.2	<0.1
1216179	Rock		1.46	<2	0.1	2.2	3.8	52	<0.1	7.6	7.5	3580	2.46	1.6	<0.5	3.3	13	0.1	<0.1	<0.1



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Report Date: October 11, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1
1215105	Rock	0.014	9	7	0.02	30	0.001	<20	0.29	0.010	0.11	1.8	0.69	0.1	<0.05	0.8	<0.5	3
1216151	Rock	0.146	10	27	0.09	186	0.003	<20	0.49	0.002	0.40	<0.1	0.64	0.1	0.48	1.9	12.7	3
1216152	Rock	0.019	10	4	1.78	361	0.001	<20	0.28	0.003	0.22	<0.1	0.03	<0.1	0.10	2.3	<0.5	<1
1216153	Rock	0.018	15	4	0.09	252	0.001	<20	0.55	0.001	0.26	<0.1	0.04	0.1	0.11	2.1	<0.5	1
1216154	Rock	0.101	3	6	0.03	68	0.019	<20	0.12	0.002	0.07	0.1	0.16	<0.1	0.11	1.0	1.4	<1
1216155	Rock	>5	157	77	0.19	636	0.031	24	2.06	0.010	0.92	0.2	0.70	0.2	0.09	9.3	9.1	6
1216156	Rock	1.076	18	25	0.14	240	0.012	<20	1.11	<0.001	0.16	0.3	0.28	0.4	0.15	1.7	5.3	2
1216157	Rock	0.026	6	10	0.05	57	0.017	<20	0.12	<0.001	0.04	0.2	0.31	0.4	0.06	0.9	0.7	1
1216158	Rock	0.049	7	23	0.05	736	0.002	<20	0.25	<0.001	0.12	0.1	0.57	0.1	0.12	1.4	5.1	1
1216159	Rock	0.092	3	4	0.03	80	0.002	<20	0.12	0.002	0.05	<0.1	0.04	<0.1	<0.05	0.3	0.6	<1
1216160	Rock	0.019	2	27	0.85	67	0.003	<20	1.92	0.021	0.20	<0.1	<0.01	<0.1	<0.05	1.9	<0.5	4
1216161	Rock	0.062	<1	8	0.04	46	<0.001	<20	0.29	0.015	0.05	<0.1	<0.01	<0.1	<0.05	1.8	<0.5	<1
1216162	Rock	0.244	26	8	2.33	403	0.017	<20	3.93	0.017	<0.01	<0.1	<0.01	<0.1	0.08	11.2	<0.5	16
1216163	Rock	0.297	23	33	3.10	79	0.017	<20	3.85	0.020	0.02	<0.1	<0.01	<0.1	<0.05	13.9	<0.5	13
1216164	Rock	0.007	1	2	0.02	27	<0.001	<20	0.18	0.005	0.03	<0.1	0.04	<0.1	<0.05	0.2	<0.5	<1
1216165	Rock	0.080	<1	15	0.37	15	<0.001	<20	1.06	0.015	0.05	<0.1	<0.01	<0.1	<0.05	1.9	<0.5	3
1216166	Rock	0.039	<1	6	0.21	739	0.001	<20	0.63	0.005	0.08	<0.1	0.22	<0.1	<0.05	1.6	<0.5	1
1216167	Rock	0.011	2	3	0.30	14	<0.001	<20	0.27	0.010	0.06	<0.1	<0.01	<0.1	<0.05	1.7	<0.5	<1
1216168	Rock	0.016	<1	1	0.10	5	<0.001	<20	0.07	0.008	0.01	<0.1	<0.01	<0.1	<0.05	1.9	<0.5	<1
1216169	Rock	0.014	2	<1	0.19	8	<0.001	<20	0.02	<0.001	<0.01	<0.1	0.03	<0.1	<0.05	1.4	<0.5	<1
1216170	Rock	0.018	2	<1	0.22	9	<0.001	<20	0.02	<0.001	<0.01	0.2	<0.01	<0.1	<0.05	0.3	<0.5	<1
1216171	Rock	0.017	4	4	0.05	35	0.001	<20	0.22	0.003	0.03	<0.1	0.01	<0.1	1.42	0.5	<0.5	<1
1216172	Rock	0.014	12	16	0.12	341	0.003	<20	0.48	<0.001	0.28	<0.1	0.23	<0.1	<0.05	1.2	1.3	1
1216173	Rock	0.135	20	21	0.19	401	0.004	<20	0.81	<0.001	0.39	<0.1	0.23	<0.1	0.05	1.4	0.9	2
1216174	Rock	0.022	3	11	0.33	34	<0.001	<20	0.70	0.052	0.04	<0.1	<0.01	<0.1	<0.05	2.9	<0.5	3
1216175	Rock	0.176	6	16	0.10	175	0.006	<20	0.42	<0.001	0.17	0.2	0.20	0.1	0.46	1.2	1.6	1
1216176	Rock	0.029	6	15	0.09	137	0.008	<20	0.37	<0.001	0.18	<0.1	0.14	<0.1	0.09	1.2	1.4	1
1216177	Rock	0.011	10	3	0.17	75	<0.001	<20	0.24	0.052	0.13	<0.1	<0.01	<0.1	<0.05	2.0	<0.5	<1
1216178	Rock	0.240	16	32	2.82	262	0.197	<20	3.08	0.032	0.01	<0.1	<0.01	<0.1	0.09	3.8	<0.5	10
1216179	Rock	0.043	<1	19	0.37	104	<0.001	<20	0.85	0.027	0.02	<0.1	<0.01	<0.1	<0.05	2.1	<0.5	3



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Project: Summit
Report Date: October 11, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte	Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
			Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi
			kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm
			0.01	2	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
1216180	Rock		1.12	<2	0.1	6.5	3.8	37	<0.1	11.3	6.6	516	2.10	1.8	<0.5	6.7	12	<0.1	<0.1	<0.1
1216201	Rock		1.10	<2	0.2	6.8	1.9	38	<0.1	12.0	6.7	531	1.23	1.7	1.1	0.6	4	<0.1	<0.1	<0.1
1216202	Rock		1.18	<2	0.4	28.6	10.0	115	<0.1	37.3	9.7	517	4.86	2.8	<0.5	9.3	7	<0.1	<0.1	0.3
1216203	Rock		1.00	<2	0.1	33.5	137.1	198	0.1	41.8	28.8	812	7.53	3.3	1.1	8.3	7	<0.1	<0.1	0.3
1216204	Rock		1.56	<2	<0.1	6.4	6.2	79	<0.1	31.5	15.3	244	4.36	1.4	<0.5	9.0	6	<0.1	0.1	0.1
1216205	Rock		1.83	<2	<0.1	9.0	6.2	86	<0.1	34.2	18.1	340	3.99	0.8	<0.5	9.0	8	<0.1	<0.1	0.3
1216206	Rock		1.39	5	0.1	12.0	10.2	60	<0.1	19.4	11.7	552	3.19	6.6	3.1	6.4	12	<0.1	0.2	0.1
1216207	Rock		1.26	70	0.5	2.5	14.0	1	0.1	0.4	0.2	21	0.38	37.2	23.5	2.5	6	<0.1	2.8	0.1
1216208	Rock		1.76	23	0.7	12.3	31.5	62	<0.1	16.6	1.6	55	6.69	758.6	6.7	12.0	101	<0.1	10.7	<0.1
1216209	Rock		1.04	<2	0.3	71.9	4.4	11	<0.1	1.2	0.6	28	2.82	247.0	<0.5	3.0	25	<0.1	4.4	<0.1
1216210	Rock		0.97	5	0.3	5.6	16.9	80	<0.1	14.9	6.0	1564	3.03	19.8	2.3	12.8	5	<0.1	0.6	<0.1
1216211	Rock		0.93	5295	0.2	30.9	14.3	79	0.1	22.5	5.7	143	7.40	868.2	1101	9.7	7	<0.1	1.4	0.2
1216212	Rock		1.12	15	0.3	34.7	25.4	110	<0.1	41.6	17.4	1120	4.66	19.3	0.9	8.6	57	<0.1	0.5	0.4
1216213	Rock		0.80	5	0.2	4.3	5.9	33	<0.1	6.4	2.6	700	1.93	60.6	<0.5	2.4	4	<0.1	0.2	<0.1
1216301	Rock		0.55	<2	4.3	32.5	55.8	121	<0.1	39.0	28.8	429	4.66	1.2	1.5	11.5	9	<0.1	<0.1	0.9
1216302	Rock		0.96	<2	0.1	2.8	2.6	36	<0.1	7.1	5.6	820	1.38	0.6	<0.5	7.0	24	<0.1	<0.1	<0.1
1216303	Rock		0.81	<2	0.2	3.9	2.4	63	<0.1	18.6	15.3	136	1.38	1.0	<0.5	0.6	2	<0.1	0.1	<0.1
1216304	Rock		0.79	8	1.1	61.5	3.8	37	<0.1	4.0	1.2	33	6.67	500.9	3.3	9.2	60	<0.1	18.1	0.2
1216305	Rock		1.02	26	3.1	50.0	12.4	36	<0.1	3.0	0.9	29	6.94	759.5	4.9	9.3	83	<0.1	50.2	0.1
1216306	Rock		1.15	37	0.6	2.7	18.7	1	<0.1	0.3	0.1	19	1.20	91.8	2.5	8.6	44	<0.1	5.2	0.1
1216307	Rock		0.98	9	0.5	4.8	6.2	1	<0.1	0.9	0.5	24	0.75	20.6	1.3	1.8	7	<0.1	7.0	0.1
1216308	Rock		1.09	14	0.9	4.3	12.1	3	<0.1	1.3	0.4	33	0.77	23.0	16.5	2.6	11	<0.1	12.1	0.3
1216309	Rock		0.41	10	0.5	15.6	2.5	7	0.2	1.2	0.4	34	1.36	110.5	4.4	3.7	17	<0.1	12.1	<0.1
1216310	Rock		0.71	<2	0.1	1.9	7.4	<1	0.4	0.8	0.3	35	0.43	8.4	2.8	0.8	8	<0.1	1.9	<0.1
1216311	Rock		0.41	<2	0.4	3.1	3.5	6	<0.1	1.7	0.6	40	0.43	8.7	2.4	0.6	2	<0.1	1.5	<0.1
1216312	Rock		0.83	6	1.1	58.6	11.7	13	<0.1	1.9	0.7	53	7.96	166.2	7.4	9.8	7	<0.1	8.4	0.2
1216313	Rock		0.91	6	0.2	3.8	28.8	5	<0.1	2.2	0.6	43	0.82	165.7	6.1	16.6	66	<0.1	1.1	<0.1
1216314	Rock		1.06	<2	0.5	4.3	24.2	25	<0.1	6.0	4.3	249	1.56	5.1	<0.5	3.5	5	<0.1	0.3	0.1
1216315	Rock		1.20	<2	0.3	2.0	59.3	32	<0.1	6.8	4.2	1234	1.35	3.3	1.7	3.9	7	<0.1	0.1	<0.1
1216316	Rock		1.83	<2	1.9	72.4	49.1	132	<0.1	32.6	54.3	4166	9.24	59.7	2.6	1.2	158	0.2	1.7	<0.1



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2
1216180	Rock	0.042	2	5	0.04	62	0.004	<20	0.53	0.006	0.10	<0.1	0.04	<0.1	<0.05	1.0	<0.5	1	<0.2
1216201	Rock	0.005	<1	3	0.03	12	<0.001	<20	0.14	0.007	0.03	<0.1	<0.01	<0.1	<0.05	0.5	<0.5	<1	<0.2
1216202	Rock	0.050	3	31	1.03	36	0.001	<20	2.65	0.026	0.17	<0.1	<0.01	<0.1	<0.05	2.0	<0.5	7	<0.2
1216203	Rock	0.029	2	41	1.61	36	0.002	<20	3.67	0.022	0.14	<0.1	<0.01	<0.1	<0.05	2.7	<0.5	10	<0.2
1216204	Rock	0.025	5	24	0.50	56	0.008	<20	1.66	0.020	0.28	<0.1	<0.01	<0.1	<0.05	1.6	<0.5	4	<0.2
1216205	Rock	0.043	5	23	0.49	64	0.007	<20	1.65	0.025	0.33	<0.1	<0.01	<0.1	<0.05	1.6	<0.5	4	<0.2
1216206	Rock	0.034	3	4	0.02	34	<0.001	<20	0.41	0.029	0.08	<0.1	<0.01	<0.1	<0.05	1.4	<0.5	<1	<0.2
1216207	Rock	0.005	8	3	<0.01	37	<0.001	<20	0.23	0.008	0.13	0.1	1.15	0.3	<0.05	0.2	<0.5	<1	<0.2
1216208	Rock	0.138	13	13	<0.01	93	0.001	<20	0.28	0.006	0.08	0.4	0.23	0.3	<0.05	2.2	<0.5	5	<0.2
1216209	Rock	0.023	8	8	<0.01	48	<0.001	<20	0.25	0.011	0.11	0.3	0.68	0.1	<0.05	0.7	<0.5	2	<0.2
1216210	Rock	0.012	15	4	0.02	31	<0.001	<20	0.46	0.015	0.08	<0.1	<0.01	<0.1	<0.05	1.7	<0.5	<1	<0.2
1216211	Rock	0.031	20	10	0.02	38	0.001	<20	0.47	0.017	0.15	0.3	0.08	0.3	<0.05	1.6	0.6	2	<0.2
1216212	Rock	0.037	9	25	0.81	71	0.002	<20	1.90	0.033	0.21	<0.1	<0.01	<0.1	0.40	2.7	0.5	6	<0.2
1216213	Rock	0.007	3	13	0.02	22	<0.001	<20	0.09	0.009	0.04	<0.1	<0.01	<0.1	<0.05	1.1	<0.5	<1	<0.2
1216301	Rock	0.030	2	17	0.92	30	0.004	<20	2.19	0.041	0.12	<0.1	<0.01	<0.1	<0.05	2.6	<0.5	7	<0.2
1216302	Rock	0.025	<1	21	0.21	1918	<0.001	<20	0.50	0.024	<0.01	<0.1	<0.01	<0.1	<0.05	1.6	<0.5	2	<0.2
1216303	Rock	0.010	<1	3	0.46	6	0.001	<20	0.70	0.007	0.03	<0.1	<0.01	<0.1	<0.05	0.8	<0.5	2	<0.2
1216304	Rock	0.185	9	21	<0.01	86	0.001	<20	0.36	0.029	0.13	1.2	1.67	1.9	0.09	1.1	<0.5	8	<0.2
1216305	Rock	0.228	9	21	0.01	87	0.001	<20	0.37	0.016	0.13	1.9	1.24	2.2	0.08	1.3	0.8	7	<0.2
1216306	Rock	0.064	8	5	<0.01	60	<0.001	<20	0.19	0.018	0.25	0.6	2.67	3.7	0.34	1.5	<0.5	3	<0.2
1216307	Rock	0.007	2	4	<0.01	52	<0.001	<20	0.22	0.018	0.11	1.2	1.86	0.8	0.37	0.4	<0.5	<1	<0.2
1216308	Rock	0.012	1	6	<0.01	34	<0.001	<20	0.34	0.041	0.12	0.1	1.98	0.7	<0.05	0.7	<0.5	2	<0.2
1216309	Rock	0.025	5	8	<0.01	41	<0.001	<20	0.27	0.030	0.12	0.2	6.40	1.2	<0.05	0.5	<0.5	3	<0.2
1216310	Rock	0.004	<1	2	<0.01	12	<0.001	<20	0.09	0.021	0.02	<0.1	1.47	0.7	<0.05	0.1	<0.5	<1	<0.2
1216311	Rock	0.002	<1	2	<0.01	4	<0.001	<20	0.06	0.007	0.02	<0.1	0.06	<0.1	<0.05	0.3	<0.5	<1	<0.2
1216312	Rock	0.031	1	10	0.01	35	0.001	<20	0.36	0.032	0.12	0.2	0.82	0.5	<0.05	0.8	<0.5	3	<0.2
1216313	Rock	0.023	5	3	<0.01	21	<0.001	<20	0.25	0.028	0.08	<0.1	0.05	0.1	<0.05	0.4	<0.5	<1	<0.2
1216314	Rock	0.022	1	3	<0.01	17	<0.001	<20	0.26	0.017	0.11	<0.1	0.07	<0.1	<0.05	1.2	<0.5	<1	<0.2
1216315	Rock	0.030	1	3	0.07	37	<0.001	<20	0.27	0.032	0.03	<0.1	0.03	<0.1	<0.05	0.9	<0.5	<1	<0.2
1216316	Rock	0.315	16	4	1.81	305	0.004	<20	0.62	0.035	0.30	<0.1	0.02	<0.1	0.89	10.2	<0.5	2	<0.2



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	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
1216317	Rock	1.12	<2	0.7	58.2	11.5	109	<0.1	27.6	41.5	2938	9.16	2.8	<0.5	1.1	226	0.3	0.2	<0.1	301
1216318	Rock	1.05	4	0.2	59.9	19.3	21	0.1	5.7	9.2	5657	2.44	7.0	2.2	0.1	650	0.8	14.9	<0.1	28
1216319	Rock	1.50	<2	0.3	73.2	1.2	70	<0.1	37.5	45.7	1130	7.51	3.2	<0.5	0.8	104	<0.1	0.3	<0.1	178
1216320	Rock	0.78	<2	0.4	8.0	11.8	106	<0.1	5.5	46.5	2598	9.72	5.3	0.7	1.4	334	0.1	0.2	<0.1	259
1216321	Rock	0.78	<2	0.1	0.8	18.2	9	<0.1	4.1	6.0	889	0.96	1.9	<0.5	0.1	413	<0.1	0.3	<0.1	57
1216322	Rock	1.76	<2	1.7	1.3	6.1	74	<0.1	0.6	11.8	898	7.01	11.4	2.3	4.4	32	<0.1	0.6	<0.1	10
1216323	Rock	0.70	<2	0.2	12.1	8.2	49	<0.1	22.2	14.8	1912	6.03	13.2	1.9	0.1	236	0.4	0.4	<0.1	120
1216324	Rock	0.94	<2	0.5	76.3	13.0	132	<0.1	46.7	48.3	2106	8.47	3.4	1.8	1.3	78	0.2	0.1	<0.1	181
1216325	Rock	1.03	<2	0.3	12.9	86.9	85	<0.1	15.6	11.5	1399	3.01	13.9	0.9	4.2	12	0.1	0.6	0.2	6
1216326	Rock	0.99	11	0.2	3.9	14.6	4	<0.1	1.6	1.0	61	0.76	59.9	11.9	5.6	16	<0.1	2.1	<0.1	4
1216327	Rock	0.64	5	0.2	2.3	9.1	7	<0.1	3.6	0.7	35	0.75	7.0	5.0	5.3	8	<0.1	1.2	<0.1	<2
1216328	Rock	1.70	19	0.1	6.3	14.7	12	<0.1	7.7	4.1	785	1.57	10.3	11.9	4.0	532	<0.1	1.0	<0.1	4
1216329	Rock	0.81	<2	0.2	3.2	13.0	44	<0.1	7.2	1.8	342	1.68	2.6	0.9	0.3	3	<0.1	0.5	<0.1	4
1216330	Rock	0.79	<2	<0.1	8.5	3.4	135	<0.1	31.1	23.5	804	5.29	0.6	0.6	7.3	35	<0.1	0.2	<0.1	20
1216331	Rock	1.01	<2	0.1	91.5	52.3	90	0.2	30.4	17.9	1816	3.29	20.3	1.0	9.3	15	0.1	6.6	0.5	12
1216332	Rock	1.10	<2	<0.1	4.0	7.8	44	<0.1	9.6	6.8	682	2.30	1.0	0.9	5.6	8	<0.1	<0.1	<0.1	9
1216333	Rock	1.19	<2	0.2	20.4	25.4	38	<0.1	6.1	4.5	800	1.58	8.7	<0.5	3.9	24	<0.1	10.8	0.1	10
1216334	Rock	1.46	<2	0.2	1.4	236.1	46	0.2	8.8	7.4	1437	2.33	2.2	<0.5	2.1	6	<0.1	<0.1	0.5	6
1216335	Rock	1.18	<2	0.4	88.8	12.3	102	<0.1	47.3	50.0	1353	7.97	3.8	<0.5	1.3	87	<0.1	0.8	<0.1	158
1216336	Rock	0.62	<2	0.2	3.6	2.1	11	<0.1	5.8	6.1	331	1.73	2.3	<0.5	0.1	463	<0.1	0.1	<0.1	76



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1
1216317	Rock	0.297	23	16	3.60	171	0.007	<20	2.00	0.005	<0.01	<0.1	0.02	<0.1	0.16	18.7	<0.5	6
1216318	Rock	0.033	7	1	0.84	85	0.001	<20	0.11	0.006	0.03	<0.1	0.37	<0.1	0.16	3.8	<0.5	<1
1216319	Rock	0.212	14	19	2.73	449	0.261	<20	3.37	0.045	0.04	<0.1	0.01	<0.1	0.17	5.9	<0.5	10
1216320	Rock	0.693	36	<1	2.98	59	0.021	<20	4.36	0.014	<0.01	<0.1	0.01	<0.1	0.12	11.4	<0.5	14
1216321	Rock	0.042	5	<1	0.20	20	0.048	<20	0.60	0.009	<0.01	<0.1	<0.01	<0.1	<0.05	1.4	<0.5	2
1216322	Rock	0.127	26	<1	0.45	26	0.007	<20	1.55	0.128	<0.01	<0.1	0.02	<0.1	1.92	1.7	0.6	12
1216323	Rock	0.034	12	3	1.54	56	0.002	<20	0.41	0.006	0.03	<0.1	0.01	<0.1	0.10	6.5	<0.5	1
1216324	Rock	0.256	19	25	3.10	149	0.255	<20	3.34	0.029	0.02	<0.1	<0.01	<0.1	0.16	6.2	<0.5	12
1216325	Rock	0.028	3	4	0.08	62	0.002	<20	0.42	0.021	0.13	<0.1	0.02	<0.1	0.08	2.9	<0.5	<1
1216326	Rock	0.011	3	3	0.03	16	0.003	<20	0.30	0.029	0.07	0.1	0.13	0.6	<0.05	0.4	<0.5	1
1216327	Rock	0.012	7	2	<0.01	10	<0.001	<20	0.17	0.005	0.04	<0.1	0.02	<0.1	<0.05	0.2	<0.5	<1
1216328	Rock	0.065	5	2	0.46	23	0.001	<20	0.20	0.014	0.09	<0.1	<0.01	<0.1	0.13	2.1	<0.5	<1
1216329	Rock	0.035	<1	2	0.15	7	<0.001	<20	0.42	0.003	0.01	<0.1	<0.01	<0.1	<0.05	2.1	<0.5	1
1216330	Rock	0.030	<1	20	0.99	62	0.003	<20	2.20	0.050	0.10	<0.1	0.01	<0.1	<0.05	2.1	<0.5	7
1216331	Rock	0.038	1	12	0.33	67	0.001	<20	0.99	0.060	0.17	<0.1	<0.01	<0.1	<0.05	2.7	<0.5	3
1216332	Rock	0.058	14	16	0.32	33	0.003	<20	0.82	0.045	0.02	<0.1	0.01	<0.1	<0.05	1.8	<0.5	3
1216333	Rock	0.029	<1	11	0.27	65	0.006	<20	0.32	0.090	0.05	<0.1	<0.01	<0.1	<0.05	1.7	<0.5	1
1216334	Rock	0.030	<1	6	0.28	34	0.001	<20	0.82	0.031	0.07	0.1	0.02	<0.1	<0.05	1.8	<0.5	3
1216335	Rock	0.277	18	27	2.67	178	0.246	<20	3.16	0.043	0.01	<0.1	<0.01	<0.1	0.16	4.6	<0.5	11
1216336	Rock	0.025	1	3	0.28	64	0.107	<20	1.28	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	1.3	<0.5	4



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	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
Pulp Duplicates																				
1216405	Rock	0.61	7	0.9	89.3	7.3	52	0.2	10.1	1.5	39	6.49	11.6	2.2	4.7	50	2.2	0.8	0.2	21
REP 1216405	QC	5																		
1215102	Rock	1.27	3	1.0	76.1	19.7	107	<0.1	24.8	45.2	3784	6.92	52.6	<0.5	1.3	153	0.1	1.5	<0.1	37
REP 1215102	QC				0.9	78.1	18.6	112	<0.1	24.5	45.3	3734	6.80	52.9	<0.5	1.3	148	<0.1	1.4	<0.1
1216153	Rock	0.60	4	0.4	32.4	4.1	212	<0.1	9.2	2.4	28	1.77	2.9	0.9	3.6	4	0.2	0.2	0.1	4
REP 1216153	QC	<2																		
1216169	Rock	0.78	18	1.3	96.1	37.4	10	0.1	0.6	0.6	4696	0.66	21.8	11.6	0.2	387	0.1	31.3	0.2	<2
REP 1216169	QC				1.2	92.2	46.1	10	0.1	0.9	0.6	4749	0.66	19.3	6.7	0.2	392	<0.1	31.1	0.1
1216213	Rock	0.80	5	0.2	4.3	5.9	33	<0.1	6.4	2.6	700	1.93	60.6	<0.5	2.4	4	<0.1	0.2	<0.1	<2
REP 1216213	QC	3																		
1216327	Rock	0.64	5	0.2	2.3	9.1	7	<0.1	3.6	0.7	35	0.75	7.0	5.0	5.3	8	<0.1	1.2	<0.1	<2
REP 1216327	QC				0.1	2.4	9.0	6	<0.1	2.9	0.7	32	0.72	7.0	4.6	5.2	8	<0.1	1.2	<0.1
1216331	Rock	1.01	<2	0.1	91.5	52.3	90	0.2	30.4	17.9	1816	3.29	20.3	1.0	9.3	15	0.1	6.6	0.5	12
REP 1216331	QC	<2																		
Core Reject Duplicates																				
1216413	Rock	0.61	3	0.2	17.8	4.7	35	<0.1	11.5	3.0	265	1.42	1.5	<0.5	5.7	195	0.2	0.4	<0.1	8
DUP 1216413	QC				<2	0.2	17.5	4.4	33	<0.1	11.4	2.9	250	1.38	1.4	<0.5	5.8	194	0.1	0.3
1216167	Rock	1.11	11	0.2	2.8	7.6	17	<0.1	7.1	4.0	1568	1.94	10.7	7.2	5.4	53	<0.1	0.3	<0.1	<2
DUP 1216167	QC				10	0.2	2.6	7.2	18	<0.1	6.9	4.3	1490	1.92	10.5	7.9	5.4	53	<0.1	0.3
1216309	Rock	0.41	10	0.5	15.6	2.5	7	0.2	1.2	0.4	34	1.36	110.5	4.4	3.7	17	<0.1	12.1	<0.1	5
DUP 1216309	QC				9	0.4	14.7	2.4	6	0.1	1.4	0.4	31	1.32	90.7	10.0	3.2	15	<0.1	10.7
Reference Materials																				
STD DS8	Standard				13.6	110.1	129.7	321	1.9	38.6	8.1	621	2.54	29.1	152.6	6.2	65	2.7	4.5	7.2
STD DS8	Standard				13.5	107.7	118.6	288	1.9	38.7	7.6	594	2.48	24.2	85.9	5.8	60	2.1	4.2	5.8
STD DS8	Standard				12.9	110.3	122.9	304	1.9	40.4	7.9	611	2.49	25.8	97.7	8.3	61	2.5	4.3	6.4
STD DS8	Standard				13.1	105.1	121.6	295	1.9	36.6	7.0	586	2.37	23.8	100.7	5.8	60	2.0	3.5	6.1
STD OREAS45CA	Standard				0.9	494.0	21.4	59	0.3	229.7	89.8	883	14.34	4.5	34.9	7.1	15	<0.1	<0.1	0.2
STD OREAS45CA	Standard				1.0	529.7	21.3	65	0.3	265.0	94.2	936	16.94	3.7	42.5	7.0	16	<0.1	<0.1	0.2



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QUALITY CONTROL REPORT

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Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1
Pulp Duplicates																		
1216405	Rock	0.176	9	2	0.03	446	0.002	<20	0.53	0.002	0.34	<0.1	0.04	0.5	0.36	3.5	0.9	<1
REP 1216405	QC																	<0.2
1215102	Rock	0.298	16	4	1.82	82	0.001	<20	0.43	0.027	0.23	<0.1	0.04	<0.1	0.12	9.2	0.5	2
REP 1215102	QC	0.319	17	4	1.79	82	0.002	<20	0.44	0.026	0.23	<0.1	0.04	<0.1	0.12	9.8	<0.5	2
1216153	Rock	0.018	15	4	0.09	252	0.001	<20	0.55	0.001	0.26	<0.1	0.04	0.1	0.11	2.1	<0.5	1
REP 1216153	QC																	<0.2
1216169	Rock	0.014	2	<1	0.19	8	<0.001	<20	0.02	<0.001	<0.01	<0.1	0.03	<0.1	<0.05	1.4	<0.5	<1
REP 1216169	QC	0.014	2	<1	0.19	8	<0.001	<20	0.02	<0.001	<0.01	<0.1	0.03	<0.1	<0.05	1.3	<0.5	<1
1216213	Rock	0.007	3	13	0.02	22	<0.001	<20	0.09	0.009	0.04	<0.1	<0.01	<0.1	<0.05	1.1	<0.5	<1
REP 1216213	QC																	<0.2
1216327	Rock	0.012	7	2	<0.01	10	<0.001	<20	0.17	0.005	0.04	<0.1	0.02	<0.1	<0.05	0.2	<0.5	<1
REP 1216327	QC	0.012	6	2	<0.01	10	0.001	<20	0.16	0.004	0.04	0.1	0.01	<0.1	<0.05	0.2	<0.5	<1
1216331	Rock	0.038	1	12	0.33	67	0.001	<20	0.99	0.060	0.17	<0.1	<0.01	<0.1	<0.05	2.7	<0.5	3
REP 1216331	QC																	<0.2
Core Reject Duplicates																		
1216413	Rock	0.096	19	9	1.43	144	0.001	<20	0.60	0.006	0.18	<0.1	0.03	<0.1	<0.05	2.8	<0.5	2
DUP 1216413	QC	0.092	18	8	1.40	151	0.001	<20	0.61	0.006	0.19	<0.1	0.03	<0.1	<0.05	2.8	0.5	2
1216167	Rock	0.011	2	3	0.30	14	<0.001	<20	0.27	0.010	0.06	<0.1	<0.01	<0.1	<0.05	1.7	<0.5	<1
DUP 1216167	QC	0.010	2	3	0.29	14	<0.001	<20	0.22	0.009	0.05	<0.1	<0.01	<0.1	<0.05	1.6	<0.5	<1
1216309	Rock	0.025	5	8	<0.01	41	<0.001	<20	0.27	0.030	0.12	0.2	6.40	1.2	<0.05	0.5	<0.5	3
DUP 1216309	QC	0.021	4	7	<0.01	35	<0.001	<20	0.26	0.028	0.11	0.2	5.51	1.1	0.05	0.5	<0.5	3
Reference Materials																		
STD DS8	Standard	0.083	14	110	0.63	318	0.106	<20	0.91	0.091	0.42	2.9	0.19	5.6	0.17	1.9	5.6	5
STD DS8	Standard	0.070	13	112	0.59	272	0.108	<20	0.90	0.083	0.40	2.6	0.19	5.2	0.17	1.9	5.0	4
STD DS8	Standard	0.074	15	113	0.61	279	0.106	<20	0.93	0.089	0.41	2.3	0.19	5.2	0.16	1.9	5.3	5
STD DS8	Standard	0.076	15	113	0.61	289	0.107	<20	0.91	0.083	0.40	2.3	0.17	5.2	0.16	2.1	5.8	4
STD OREAS45CA	Standard	0.040	16	664	0.12	167	0.114	<20	3.34	0.013	0.07	<0.1	0.04	<0.1	<0.05	33.4	0.9	18
STD OREAS45CA	Standard	0.038	16	725	0.14	164	0.135	<20	3.87	0.009	0.07	<0.1	0.03	<0.1	<0.05	37.9	<0.5	20



Client: **Goldstrike Resources (Petro One Energy Co**
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QUALITY CONTROL REPORT

WHI11001262.1

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.



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Vancouver BC V6E 4M3 Canada

Project: Summit

Report Date: October 11, 2011

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QUALITY CONTROL REPORT

WHI11001262.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Tl ppm	1DX S %	1DX Sc ppm	1DX Se ppm	1DX Ga ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2
STD OREAS45CA	Standard	0.037	15	682	0.13	156	0.125	<20	3.68	0.012	0.07	<0.1	0.03	<0.1	<0.05	34.7	0.6	17	<0.2
STD OREAS45CA	Standard	0.043	16	717	0.16	165	0.132	<20	3.91	0.007	0.07	<0.1	0.02	<0.1	<0.05	39.3	<0.5	19	<0.2
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXC88 Expected																			
STD OXH82 Expected																			
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	5.4	0.1679	2.3	5.23	4.7	5
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	0.07	0.021	39.7	0.5	18.4	
BLK	Blank																		
BLK	Blank																		
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BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2
Prep Wash																			



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Project: Summit

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QUALITY CONTROL REPORT

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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	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
G1	Prep Blank		<2	0.1	2.7	5.0	50	<0.1	3.0	4.4	593	2.03	0.5	3.0	6.7	70	<0.1	<0.1	0.1	38
G1	Prep Blank		<2	0.1	2.7	4.6	49	<0.1	3.1	4.6	584	2.13	0.6	1.0	6.1	71	<0.1	<0.1	0.1	38



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Report Date: October 11, 2011

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QUALITY CONTROL REPORT

WHI11001262.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Tl ppm	1DX S %	1DX Sc ppm	1DX Se ppm	1DX Ga ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2
G1	Prep Blank	0.082	14	5	0.53	169	0.134	<20	1.00	0.105	0.50	<0.1	<0.01	0.3	<0.05	2.1	<0.5	5	<0.2
G1	Prep Blank	0.075	15	5	0.52	166	0.127	<20	1.01	0.110	0.50	<0.1	<0.01	0.3	<0.05	2.1	<0.5	5	<0.2



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Client:

Goldstrike Resources (Petro One Energy Corp)

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Submitted By: Email Distribution List

Receiving Lab: Canada-Whitehorse

Received: August 22, 2011

Report Date: October 29, 2011

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CERTIFICATE OF ANALYSIS

WHI11001212.1

CLIENT JOB INFORMATION

Project: Summit
Shipment ID: SUM-2
P.O. Number
Number of Samples: 306

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

Invoice To: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	306	Dry at 60C			WHI
S230	301	Sieve to 230 mesh			WHI
SS80	5	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	306	Saving all or part of Soil Reject			WHI
1DX2	305	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



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



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Project: Summit
Report Date: October 29, 2011

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CERTIFICATE OF ANALYSIS

WHI11001212.1

	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	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
1215801	Soil				2.0	16.3	7.8	42	0.3	11.0	5.6	80	1.70	15.5	0.9	0.8	7	<0.1	1.8	0.2	38	0.04	0.055	12
1215802	Soil				3.3	18.9	12.6	61	<0.1	15.4	6.6	151	2.35	20.1	1.0	0.5	7	0.1	2.4	0.2	40	0.04	0.108	13
1215803	Soil				0.7	6.7	3.1	14	<0.1	4.2	2.1	202	0.64	3.4	0.7	<0.1	14	<0.1	0.6	<0.1	12	0.19	0.113	4
1215804	Soil				4.8	34.7	10.6	108	0.5	21.9	7.0	150	2.18	21.5	2.6	0.7	28	0.7	3.7	0.2	26	0.26	0.177	11
1215805	Soil				I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1215806	Soil				8.6	38.8	11.7	115	1.3	21.0	4.9	81	1.63	22.3	1.2	0.6	39	1.1	4.7	0.2	28	0.45	0.181	11
1215807	Soil				11.3	47.4	18.0	164	2.9	29.1	5.3	92	2.34	30.0	<0.5	0.5	56	1.6	7.7	0.2	51	0.24	0.224	11
1215808	Soil				6.0	61.7	21.6	204	1.3	40.6	12.3	275	4.69	35.5	1.4	2.2	22	1.2	6.5	0.3	48	0.12	0.212	14
1215809	Soil				3.8	49.8	25.4	109	0.7	37.6	14.7	486	3.60	20.4	2.9	3.2	34	0.5	3.0	0.3	32	0.21	0.107	10
1215810	Soil				1.0	6.1	4.7	16	0.1	4.3	1.9	39	0.67	4.1	<0.5	0.2	5	0.1	0.6	<0.1	13	0.02	0.032	4
1215811	Soil				1.7	13.5	18.5	35	0.2	13.1	7.6	208	3.37	14.6	2.8	4.1	7	<0.1	1.0	0.4	33	0.02	0.027	12
1215812	Soil				1.4	25.3	33.3	60	0.4	27.0	18.6	652	4.83	13.8	<0.5	4.8	9	0.1	0.8	0.4	29	0.02	0.053	6
1215813	Soil				9.6	71.7	56.4	79	<0.1	35.4	23.5	608	4.87	21.5	2.7	5.6	10	<0.1	1.3	0.6	23	0.02	0.029	5
1215814	Soil				1.0	20.2	15.9	52	<0.1	17.5	9.8	484	3.40	9.7	1.0	3.5	10	<0.1	0.6	0.3	26	0.04	0.042	7
1215815	Soil				1.0	6.5	10.5	32	<0.1	10.8	6.8	364	3.09	4.4	1.2	4.5	10	<0.1	0.5	0.3	32	0.06	0.027	10
1215816	Soil				1.7	15.0	14.4	54	0.1	12.7	15.0	1438	4.79	6.5	<0.5	1.5	18	0.1	0.7	0.2	50	0.24	0.258	17
1215817	Soil				0.7	16.9	15.2	45	<0.1	14.9	10.4	379	3.10	8.8	1.8	2.5	9	<0.1	0.7	0.2	26	0.02	0.039	9
1215818	Soil				0.7	8.1	10.5	16	<0.1	6.0	3.0	127	1.61	8.7	<0.5	0.3	6	<0.1	0.6	0.1	19	0.02	0.060	6
1215819	Soil				0.4	8.3	5.9	14	<0.1	4.6	3.3	106	1.24	6.0	0.8	0.1	8	<0.1	0.5	<0.1	15	0.03	0.032	4
1215821	Soil				0.9	20.2	21.0	58	<0.1	15.3	12.7	448	4.53	41.2	5.0	6.7	38	<0.1	3.3	0.3	27	0.02	0.056	14
1215822	Soil				0.7	10.9	11.0	28	<0.1	7.6	4.3	170	1.96	23.2	1.7	2.9	19	<0.1	1.5	0.2	18	0.02	0.035	11
1215823	Soil				0.6	11.7	18.6	38	<0.1	6.2	6.0	1410	2.25	13.3	1.0	0.5	9	<0.1	0.9	0.2	14	0.03	0.048	5
1215824	Soil				0.8	14.7	14.7	35	<0.1	7.4	4.1	186	3.08	35.1	5.7	1.1	14	<0.1	2.1	0.4	23	0.01	0.048	8
1215825	Soil				0.5	9.7	10.9	21	<0.1	4.8	3.9	164	2.14	14.1	<0.5	2.7	14	<0.1	1.3	0.2	16	0.01	0.032	8
1215826	Soil				0.6	15.1	14.5	35	<0.1	9.8	6.4	272	3.92	15.2	2.4	5.9	18	<0.1	2.0	0.3	22	0.01	0.033	10
1215827	Soil				0.5	7.3	8.5	15	<0.1	4.2	3.2	162	1.87	8.2	<0.5	1.0	11	<0.1	1.0	0.2	17	0.01	0.032	6
1215828	Soil				0.9	24.1	22.5	64	<0.1	15.4	12.7	553	4.62	31.6	3.6	5.9	21	<0.1	3.6	0.4	22	0.01	0.045	11
1215829	Soil				1.1	20.3	14.8	62	<0.1	18.4	12.5	463	3.98	14.6	<0.5	5.3	22	<0.1	1.9	0.3	24	0.04	0.057	11
1215830	Soil				0.6	14.9	13.1	47	<0.1	14.6	10.6	376	4.31	9.6	1.2	5.0	21	<0.1	1.3	0.3	26	0.02	0.043	10
1215831	Soil				0.5	12.2	5.7	10	<0.1	4.8	2.8	747	0.82	1.2	0.7	0.3	12	<0.1	0.3	<0.1	12	0.03	0.046	4



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Project: Summit
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CERTIFICATE OF ANALYSIS

WHI11001212.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1215801	Soil	11	0.12	134	0.003	<1	0.68	0.007	0.03	<0.1	0.02	0.9	<0.1	<0.05	4	<0.5	<0.2
1215802	Soil	13	0.08	95	0.003	1	0.69	0.007	0.05	0.1	0.02	0.6	<0.1	<0.05	5	0.8	<0.2
1215803	Soil	5	0.04	143	0.002	<1	0.43	0.021	0.02	<0.1	0.02	0.3	<0.1	<0.05	2	<0.5	<0.2
1215804	Soil	14	0.18	464	0.002	<1	0.89	0.010	0.05	<0.1	0.05	1.2	0.1	<0.05	2	1.0	<0.2
1215805	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1215806	Soil	8	0.07	515	0.003	1	0.57	0.016	0.05	<0.1	0.10	0.8	0.2	<0.05	2	1.6	<0.2
1215807	Soil	13	0.12	919	0.002	1	0.72	0.010	0.06	<0.1	0.09	1.0	0.2	<0.05	2	3.1	<0.2
1215808	Soil	21	0.24	154	0.004	<1	1.09	0.004	0.07	<0.1	0.05	2.1	0.2	<0.05	4	2.5	<0.2
1215809	Soil	21	0.35	499	0.002	<1	1.53	0.008	0.06	<0.1	0.24	5.1	0.2	<0.05	4	1.6	<0.2
1215810	Soil	5	0.04	51	0.003	<1	0.37	0.016	0.03	<0.1	0.02	0.3	<0.1	<0.05	2	<0.5	<0.2
1215811	Soil	17	0.21	93	0.003	<1	1.04	0.003	0.03	<0.1	0.02	1.3	<0.1	<0.05	5	<0.5	<0.2
1215812	Soil	34	0.42	85	0.002	<1	2.28	0.006	0.04	<0.1	0.08	2.5	0.1	<0.05	6	0.7	<0.2
1215813	Soil	28	0.64	92	0.002	<1	1.90	0.007	0.04	<0.1	0.05	2.9	<0.1	<0.05	5	<0.5	<0.2
1215814	Soil	24	0.41	120	0.003	<1	1.66	0.007	0.04	<0.1	0.02	1.7	<0.1	<0.05	6	<0.5	<0.2
1215815	Soil	17	0.23	119	0.004	<1	1.06	0.004	0.03	<0.1	0.02	1.2	<0.1	<0.05	5	<0.5	<0.2
1215816	Soil	20	0.29	118	0.005	<1	1.41	0.007	0.04	<0.1	0.04	2.5	<0.1	<0.05	7	0.6	<0.2
1215817	Soil	17	0.33	124	0.004	<1	1.19	0.010	0.03	<0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1215818	Soil	10	0.09	46	0.003	<1	0.50	0.013	0.02	<0.1	0.02	0.3	<0.1	<0.05	3	<0.5	<0.2
1215819	Soil	5	0.07	38	0.006	<1	0.53	0.019	0.02	<0.1	0.02	0.3	<0.1	<0.05	3	<0.5	<0.2
1215821	Soil	18	0.20	85	0.003	<1	0.96	0.004	0.04	<0.1	0.02	1.8	<0.1	<0.05	3	0.5	<0.2
1215822	Soil	9	0.12	73	0.003	<1	0.64	0.010	0.03	0.1	0.01	0.8	<0.1	<0.05	3	<0.5	<0.2
1215823	Soil	6	0.03	57	0.006	<1	0.49	0.016	0.03	<0.1	0.01	0.5	<0.1	<0.05	2	<0.5	<0.2
1215824	Soil	11	0.04	75	0.005	<1	0.61	0.003	0.03	0.2	<0.01	0.8	<0.1	<0.05	3	<0.5	<0.2
1215825	Soil	9	0.04	81	0.003	<1	0.59	0.008	0.03	0.1	<0.01	0.7	<0.1	<0.05	2	<0.5	<0.2
1215826	Soil	14	0.09	56	0.004	<1	0.63	0.003	0.03	<0.1	<0.01	1.0	<0.1	<0.05	3	<0.5	<0.2
1215827	Soil	8	0.04	51	0.005	<1	0.54	0.011	0.03	0.1	<0.01	0.4	<0.1	<0.05	3	<0.5	<0.2
1215828	Soil	16	0.18	70	0.003	<1	0.86	0.004	0.03	<0.1	<0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1215829	Soil	20	0.26	82	0.004	<1	0.95	0.004	0.04	<0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
1215830	Soil	21	0.25	86	0.003	<1	0.96	0.005	0.05	<0.1	<0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1215831	Soil	5	0.04	87	0.005	<1	0.42	0.023	0.04	<0.1	0.02	0.6	<0.1	<0.05	2	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01	0.001
1215832	Soil	0.4	9.7	7.1	22	<0.1	5.9	3.6	255	1.91	5.1	<0.5	0.4	15	<0.1	0.8	0.2	16	0.03	0.045	7
1215833	Soil	1.8	33.8	32.4	108	0.2	28.1	23.2	7674	2.36	2.4	0.7	0.7	35	0.4	0.5	0.3	18	0.20	0.127	5
1215834	Soil	1.1	8.4	13.0	17	<0.1	6.8	10.0	1192	1.17	1.3	0.5	<0.1	9	<0.1	0.2	0.1	14	0.04	0.075	2
1215701	Soil	0.7	15.2	15.7	54	<0.1	17.6	9.9	657	3.56	0.8	1.3	1.6	6	<0.1	0.7	0.3	20	0.06	0.088	4
1215702	Soil	1.8	28.7	23.2	64	<0.1	28.9	17.7	1565	3.74	1.2	<0.5	3.2	18	<0.1	0.7	0.3	21	0.05	0.083	4
1215703	Soil	0.7	47.1	17.8	105	<0.1	41.2	20.3	792	4.03	17.3	7.1	6.5	9	<0.1	1.9	0.4	21	0.03	0.050	12
1215704	Soil	3.0	28.3	22.1	83	<0.1	37.3	15.8	839	4.41	52.3	3.4	2.1	14	0.2	8.1	0.4	22	0.03	0.113	7
1215705	Soil	3.5	36.9	25.7	59	<0.1	31.9	8.0	418	2.77	14.9	4.7	1.0	8	<0.1	3.5	0.4	19	0.02	0.109	6
1215706	Soil	0.5	32.7	33.3	72	<0.1	24.3	13.8	481	2.88	43.9	23.1	7.6	26	<0.1	5.2	0.3	7	0.07	0.052	7
1215707	Soil	0.5	23.2	25.7	48	<0.1	15.6	9.1	364	1.99	29.6	16.9	2.1	25	<0.1	3.4	0.3	6	0.07	0.042	4
1215708	Soil	0.6	21.6	30.5	77	<0.1	23.1	9.3	302	2.70	53.0	43.5	6.1	91	<0.1	3.2	0.3	5	0.37	0.069	8
1215709	Soil	0.3	24.2	35.5	88	<0.1	24.6	10.1	299	3.31	42.4	24.0	9.6	61	<0.1	3.3	0.3	6	0.18	0.054	13
1215710	Soil	0.6	26.7	34.5	88	<0.1	26.4	12.5	455	3.21	42.2	32.3	9.7	47	<0.1	3.8	0.4	6	0.20	0.055	12
1215711	Soil	0.4	13.3	37.0	44	<0.1	13.1	6.0	192	1.80	28.3	10.2	10.2	32	<0.1	3.3	0.4	4	0.08	0.026	17
1215712	Soil	0.6	30.7	35.7	112	<0.1	34.9	15.2	410	4.20	58.2	44.7	10.5	26	<0.1	4.2	0.4	6	0.12	0.054	16
1215713	Soil	0.4	6.3	25.4	13	<0.1	3.7	1.5	35	1.13	23.2	10.2	3.7	7	<0.1	6.2	0.4	4	0.02	0.020	19
1215714	Soil	0.5	18.7	31.8	61	<0.1	18.6	8.2	140	2.50	40.5	27.2	11.5	14	<0.1	8.5	0.3	4	0.02	0.037	22
1215715	Soil	1.0	36.8	32.3	136	<0.1	46.7	28.6	512	5.49	71.4	45.4	9.9	4	<0.1	4.3	1.4	8	0.03	0.046	13
1215716	Soil	0.4	3.4	31.3	11	0.2	3.6	1.3	33	1.18	19.2	112.0	6.3	17	<0.1	5.3	0.3	3	<0.01	0.013	16
1215717	Soil	0.8	32.4	28.7	104	0.1	34.6	17.2	564	4.01	42.0	52.1	9.9	10	<0.1	3.8	0.4	12	0.08	0.058	21
1215718	Soil	1.2	28.2	39.3	98	0.2	36.0	13.2	840	4.39	218.9	100.3	5.4	29	0.1	4.9	0.5	11	0.47	0.085	10
1215719	Soil	0.8	26.0	29.4	93	0.2	28.9	11.1	292	3.50	115.6	67.5	7.9	14	<0.1	4.9	0.5	7	0.21	0.033	13
1215720	Soil	0.7	24.7	21.0	101	<0.1	24.6	10.7	360	3.62	44.3	32.1	6.4	14	<0.1	2.8	0.4	12	0.15	0.047	13
1215721	Soil	0.6	31.5	20.2	100	0.2	31.5	10.1	418	3.70	43.4	43.5	4.4	24	<0.1	2.8	0.4	11	0.33	0.075	10
1215722	Soil	0.8	31.5	32.1	105	<0.1	35.2	15.4	457	4.53	122.2	88.7	9.4	10	<0.1	4.6	0.5	8	0.11	0.025	14
1215723	Soil	0.9	28.5	24.1	126	0.2	27.2	11.3	804	3.33	43.1	20.9	2.2	32	0.3	2.2	0.4	10	0.71	0.150	8
1215724	Soil	0.8	21.5	28.4	79	<0.1	21.5	10.4	303	3.82	76.2	18.8	3.6	12	<0.1	3.5	0.6	14	0.13	0.052	12
1215725	Soil	0.6	27.7	26.2	100	<0.1	27.0	13.3	454	3.77	44.5	31.8	5.8	17	<0.1	3.0	0.5	10	0.28	0.067	18
1215726	Soil	0.6	30.5	28.2	96	0.1	29.5	13.8	437	3.91	53.4	47.0	11.2	13	<0.1	3.3	0.5	10	0.17	0.053	29
1215727	Soil	0.7	21.9	20.9	76	<0.1	23.2	10.0	505	3.76	45.7	12.6	6.4	23	<0.1	1.6	0.4	16	0.33	0.043	20



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1215832	Soil	8	0.04	84	0.004	<1	0.38	0.009	0.03	<0.1	<0.01	0.4	<0.1	<0.05	2	<0.5	<0.2
1215833	Soil	24	0.25	296	0.005	1	1.34	0.020	0.07	<0.1	0.04	0.8	<0.1	<0.05	4	<0.5	<0.2
1215834	Soil	11	0.04	83	0.005	<1	0.58	0.025	0.03	<0.1	0.02	0.2	<0.1	<0.05	3	<0.5	<0.2
1215701	Soil	21	0.09	30	0.005	<1	0.41	0.009	0.04	0.4	<0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
1215702	Soil	30	0.24	63	0.007	<1	0.65	0.012	0.05	0.1	0.02	1.7	<0.1	<0.05	2	<0.5	<0.2
1215703	Soil	20	0.20	24	0.003	<1	0.49	0.007	0.04	0.5	0.08	3.4	<0.1	<0.05	2	<0.5	<0.2
1215704	Soil	43	0.38	45	0.007	2	1.01	0.007	0.05	0.4	0.19	1.0	0.7	0.07	4	<0.5	<0.2
1215705	Soil	39	0.17	39	0.003	<1	0.53	0.013	0.08	0.4	0.05	1.0	0.2	<0.05	3	<0.5	<0.2
1215706	Soil	6	0.09	41	0.005	<1	0.50	0.020	0.05	0.2	0.13	2.2	0.4	<0.05	1	<0.5	<0.2
1215707	Soil	5	0.07	47	0.004	<1	0.52	0.025	0.05	0.2	0.09	1.3	0.4	<0.05	2	<0.5	<0.2
1215708	Soil	7	0.07	50	0.004	<1	0.74	0.019	0.04	0.1	0.08	2.1	0.2	<0.05	1	<0.5	<0.2
1215709	Soil	6	0.11	33	0.002	<1	0.73	0.009	0.04	0.2	0.08	2.6	0.1	<0.05	1	<0.5	<0.2
1215710	Soil	9	0.11	31	0.003	<1	0.63	0.011	0.04	0.1	0.21	2.3	0.2	<0.05	2	<0.5	<0.2
1215711	Soil	4	0.04	16	<0.001	<1	0.26	0.006	0.04	0.2	0.11	1.3	0.5	<0.05	<1	<0.5	<0.2
1215712	Soil	8	0.07	23	0.001	<1	0.40	0.007	0.04	0.2	0.06	2.8	0.2	<0.05	<1	<0.5	<0.2
1215713	Soil	3	0.01	22	<0.001	<1	0.26	0.006	0.03	0.2	0.07	0.3	0.5	<0.05	1	<0.5	<0.2
1215714	Soil	5	0.04	21	0.001	<1	0.35	0.006	0.03	0.2	0.25	1.5	0.6	<0.05	<1	<0.5	<0.2
1215715	Soil	11	0.07	22	0.002	<1	0.39	0.007	0.04	0.3	0.02	2.1	<0.1	<0.05	1	<0.5	<0.2
1215716	Soil	5	0.03	30	<0.001	<1	0.22	0.008	0.07	0.2	0.06	0.3	0.9	0.12	<1	<0.5	<0.2
1215717	Soil	13	0.34	76	0.007	<1	0.89	0.006	0.05	0.3	0.05	2.3	0.1	<0.05	2	<0.5	<0.2
1215718	Soil	19	0.22	100	0.002	<1	0.95	0.008	0.06	0.8	0.07	2.4	0.2	0.05	2	<0.5	<0.2
1215719	Soil	11	0.15	53	0.002	<1	0.53	0.005	0.04	0.2	0.04	2.5	<0.1	<0.05	1	<0.5	<0.2
1215720	Soil	14	0.29	109	0.002	1	0.87	0.006	0.05	0.2	0.04	2.2	<0.1	<0.05	2	<0.5	<0.2
1215721	Soil	14	0.25	134	0.002	<1	1.01	0.010	0.08	0.2	0.06	2.4	<0.1	<0.05	2	<0.5	<0.2
1215722	Soil	11	0.19	44	0.005	<1	0.61	0.006	0.05	0.2	0.03	2.7	<0.1	<0.05	1	<0.5	<0.2
1215723	Soil	15	0.23	93	0.004	2	1.17	0.011	0.06	0.2	0.04	1.6	<0.1	0.09	2	<0.5	<0.2
1215724	Soil	12	0.20	48	0.004	<1	0.68	0.006	0.04	0.2	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
1215725	Soil	13	0.29	48	0.004	<1	0.87	0.007	0.05	0.2	0.03	1.9	<0.1	<0.05	2	<0.5	<0.2
1215726	Soil	14	0.30	48	0.004	<1	0.79	0.007	0.04	0.2	0.05	1.9	<0.1	<0.05	2	<0.5	<0.2
1215727	Soil	18	0.32	71	0.002	<1	1.05	0.006	0.05	0.2	0.04	1.6	0.1	<0.05	3	<0.5	<0.2



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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15			
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1215728	Soil																							
1215729	Soil																							
1215730	Soil																							
1215731	Soil																							
1215732	Soil																							
1215733	Soil																							
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1215740	Soil																							
1215741	Soil																							
1215742	Soil																							
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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1215728	Soil	19	0.41	75	0.004	1	1.26	0.007	0.05	0.2	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
1215729	Soil	18	0.34	54	0.004	1	1.03	0.011	0.06	0.1	0.06	2.1	0.1	<0.05	3	<0.5	<0.2
1215730	Soil	16	0.36	60	0.004	<1	1.00	0.009	0.06	0.2	0.06	2.1	0.1	<0.05	3	<0.5	<0.2
1215731	Soil	19	0.42	46	0.006	6	1.05	0.007	0.07	0.2	0.08	2.0	0.2	<0.05	3	<0.5	<0.2
1215732	Soil	12	0.17	45	0.004	<1	0.98	0.008	0.05	0.2	0.02	0.9	0.1	<0.05	3	<0.5	<0.2
1215733	Soil	14	0.34	61	0.004	<1	0.95	0.008	0.04	0.1	0.02	1.0	0.1	<0.05	3	<0.5	<0.2
1215734	Soil	26	0.55	103	0.006	<1	1.37	0.007	0.08	0.2	0.07	2.0	0.1	<0.05	4	<0.5	<0.2
1215735	Soil	22	0.59	107	0.006	<1	1.36	0.006	0.06	0.2	0.08	1.4	0.2	<0.05	4	0.6	<0.2
1215736	Soil	20	0.58	127	0.006	<1	1.37	0.011	0.08	0.2	0.05	1.7	<0.1	<0.05	3	<0.5	<0.2
1215737	Soil	27	0.07	247	0.011	4	0.52	0.005	0.10	0.7	0.17	1.1	0.8	0.18	3	10.8	0.3
1215738	Soil	14	0.07	171	0.007	2	0.55	0.014	0.08	0.3	0.05	0.6	0.3	0.07	2	3.4	0.2
1215739	Soil	26	0.16	388	0.013	3	0.79	0.009	0.14	0.8	0.36	0.7	2.3	0.26	4	3.8	0.2
1215740	Soil	21	0.15	184	0.007	4	0.85	0.008	0.10	0.3	0.09	0.5	0.5	0.09	3	2.2	<0.2
1215741	Soil	13	0.14	142	0.014	3	0.65	0.015	0.07	0.3	0.16	1.0	0.4	0.05	2	1.5	<0.2
1215742	Soil	19	0.09	210	0.003	3	0.95	0.009	0.07	0.2	0.16	0.3	0.6	0.11	3	2.2	<0.2
1215743	Soil	28	0.28	247	0.009	3	1.02	0.004	0.11	0.4	0.17	0.8	0.7	0.09	4	3.3	0.3
1215744	Soil	26	0.24	234	0.006	2	1.06	0.005	0.10	0.5	0.21	0.7	0.4	<0.05	3	2.3	<0.2
1215745	Soil	28	0.40	397	0.009	2	1.23	0.004	0.10	0.5	0.16	1.0	0.6	<0.05	4	2.9	<0.2
1215746	Soil	12	0.04	662	0.004	2	0.36	0.002	0.12	0.3	0.30	1.3	0.7	<0.05	1	4.8	<0.2
1215747	Soil	28	0.12	175	0.008	3	0.65	0.006	0.37	0.2	0.17	1.4	1.2	0.63	3	6.1	<0.2
1215748	Soil	28	0.38	275	0.005	4	0.99	0.005	0.13	0.4	0.10	0.3	0.5	0.12	4	4.0	0.2
1215749	Soil	20	0.15	334	0.003	3	0.67	0.004	0.16	0.2	0.16	1.3	0.3	0.31	3	4.7	<0.2
1215750	Soil	21	1.45	260	0.002	1	1.44	0.003	0.06	<0.1	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2
1215751	Soil	26	2.19	247	0.002	2	2.06	0.003	0.07	<0.1	0.09	5.2	<0.1	<0.05	5	0.6	<0.2
1215752	Soil	29	2.32	185	0.001	2	2.21	0.003	0.06	<0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1215753	Soil	31	2.94	303	0.002	2	2.76	0.003	0.09	<0.1	0.02	2.8	<0.1	<0.05	7	<0.5	<0.2
1215754	Soil	29	1.05	261	0.003	3	1.57	0.005	0.17	<0.1	0.09	0.6	0.2	0.06	5	3.4	<0.2
1215755	Soil	32	2.01	196	0.002	2	2.39	0.003	0.08	<0.1	0.02	1.8	<0.1	<0.05	6	<0.5	<0.2
1215756	Soil	31	1.74	340	0.002	2	2.50	0.004	0.12	<0.1	0.02	2.6	<0.1	<0.05	6	0.6	<0.2
1215757	Soil	29	2.17	178	0.001	2	2.17	0.003	0.08	<0.1	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1215758	Soil	0.9	18.4	14.1	80	0.1	35.7	10.4	376	2.94	6.1	<0.5	4.8	44	0.2	0.5	0.1	27	0.75	0.084	31
1215759	Soil	1.1	28.3	21.2	73	<0.1	36.1	15.7	501	3.32	5.2	2.2	4.3	32	0.2	0.4	0.1	19	0.66	0.121	27
1215760	Soil	0.5	19.4	9.5	53	<0.1	29.5	10.2	270	2.28	32.4	<0.5	7.1	162	<0.1	0.6	<0.1	8	8.64	0.086	27
1215761	Soil	0.6	20.8	14.7	77	0.1	30.6	11.7	284	2.89	6.7	<0.5	6.9	62	0.2	0.4	0.1	16	2.26	0.093	29
1215762	Soil	1.9	88.7	13.2	123	0.9	51.9	18.6	578	4.31	19.5	8.6	2.0	55	0.5	1.9	0.2	20	0.84	0.185	26
1215763	Soil	2.6	68.2	15.9	131	1.4	49.3	15.9	428	4.94	18.7	14.3	1.9	163	0.7	2.3	0.1	18	4.53	0.219	19
1215764	Soil	4.3	63.2	20.7	133	1.1	61.5	29.5	410	6.44	35.1	2.9	2.9	50	0.7	1.9	0.1	64	1.00	0.122	29
1215765	Soil	0.3	11.4	11.1	52	<0.1	23.4	8.5	269	1.96	2.4	<0.5	4.4	336	<0.1	0.1	<0.1	13	10.36	0.090	18
1215766	Soil	0.9	36.7	14.5	62	0.4	26.6	8.7	320	2.64	4.9	5.3	7.5	86	0.1	0.5	0.2	21	3.74	0.112	25
1215767	Soil	3.0	52.4	19.8	176	0.9	39.2	16.3	324	4.51	14.1	2.1	6.9	9	0.9	1.7	0.2	47	0.06	0.063	25
1215768	Soil	2.6	35.0	21.0	146	0.5	34.8	14.7	241	3.94	12.3	0.6	6.5	10	1.4	1.6	0.3	36	0.09	0.079	26
1215769	Soil	3.2	40.2	28.2	158	1.2	35.0	19.4	420	4.23	13.5	1.1	7.3	8	1.0	2.2	0.3	48	0.04	0.070	30
1215770	Soil	3.4	42.8	25.2	154	1.6	28.8	15.6	355	4.45	14.8	1.4	4.8	25	1.6	2.3	0.3	52	0.23	0.235	17
1215771	Soil	2.1	28.3	22.8	160	0.7	33.9	14.6	337	4.44	15.8	1.7	7.8	12	1.0	1.4	0.3	31	0.08	0.116	24
1215772	Soil	4.6	31.4	28.5	235	1.0	33.9	22.7	530	4.74	17.5	0.9	7.9	7	1.4	2.5	0.3	67	0.03	0.107	29
1216101	Soil	1.5	54.3	17.6	654	0.6	83.0	20.1	1116	5.01	12.9	1.6	3.9	52	7.7	1.9	0.2	18	0.02	0.069	21
1216102	Soil	2.0	31.0	24.7	78	<0.1	21.2	9.4	375	5.85	175.8	3.9	5.8	25	<0.1	18.6	0.4	17	<0.01	0.068	7
1216103	Soil	1.2	47.7	26.4	103	0.1	59.3	26.9	689	4.11	89.8	13.2	6.0	33	0.1	11.5	0.7	11	0.07	0.024	12
1216104	Soil	0.7	40.7	27.9	100	0.1	42.0	11.9	219	3.84	160.3	71.9	7.2	13	<0.1	11.1	0.8	8	0.05	0.023	6
1216106	Soil	0.5	4.9	11.8	61	<0.1	13.0	5.5	356	4.60	38.1	26.5	4.0	4	<0.1	3.1	0.3	14	<0.01	0.017	5
1216107	Soil	12.9	32.8	45.0	106	1.8	51.2	3.5	202	6.13	26.6	<0.5	4.7	84	0.2	5.2	0.3	38	0.22	0.215	16
1216108	Soil	43.8	27.7	46.2	105	4.1	46.6	2.5	275	2.64	24.9	1.6	1.1	58	0.6	10.2	0.3	119	0.16	0.124	21
1215901	Soil	0.3	32.7	26.2	104	<0.1	32.3	11.3	286	3.75	75.3	16.0	10.5	4	<0.1	2.5	0.5	8	<0.01	0.030	32
1215902	Soil	0.4	29.5	26.8	88	<0.1	27.3	10.8	263	3.63	70.6	16.2	11.6	4	<0.1	2.9	0.5	7	<0.01	0.027	38
1215903	Soil	0.4	30.4	28.0	87	<0.1	31.9	12.4	416	3.66	75.7	18.0	11.1	9	<0.1	3.6	0.5	7	0.06	0.030	34
1215904	Soil	0.4	26.8	25.5	87	<0.1	24.4	10.5	290	3.82	99.8	18.9	8.6	4	<0.1	3.5	0.5	9	<0.01	0.029	28
1215905	Soil	0.5	31.0	29.2	86	<0.1	28.9	14.2	386	4.34	169.6	23.6	5.4	11	<0.1	3.6	0.7	8	0.14	0.048	25
1215906	Soil	0.6	27.7	30.8	84	0.1	27.1	11.3	358	4.14	1229	318.5	6.3	10	<0.1	4.0	0.6	8	0.13	0.031	23
1215907	Soil	0.4	28.3	23.7	78	<0.1	27.8	15.0	309	3.66	71.7	5.4	7.4	6	<0.1	2.2	0.7	9	0.05	0.040	20
1215908	Soil	0.6	22.3	40.8	93	<0.1	23.2	16.2	963	4.91	29.4	5.7	6.0	8	<0.1	2.5	0.5	15	0.06	0.105	12



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1215758	Soil	29	1.64	271	0.004	2	1.99	0.006	0.09	<0.1	0.05	4.4	<0.1	<0.05	6	<0.5	<0.2
1215759	Soil	31	1.67	255	0.002	3	2.35	0.006	0.08	<0.1	0.04	2.3	<0.1	<0.05	6	<0.5	<0.2
1215760	Soil	13	1.00	174	0.001	2	1.01	0.002	0.09	<0.1	0.04	2.6	<0.1	<0.05	2	<0.5	<0.2
1215761	Soil	25	1.55	207	0.001	2	2.05	0.004	0.07	<0.1	0.04	3.0	<0.1	<0.05	5	<0.5	<0.2
1215762	Soil	23	0.69	286	0.002	2	1.26	0.003	0.07	<0.1	0.12	6.5	<0.1	<0.05	3	1.2	<0.2
1215763	Soil	17	0.70	249	0.002	3	0.89	0.003	0.06	<0.1	0.31	5.2	<0.1	<0.05	2	1.9	<0.2
1215764	Soil	36	1.47	400	0.003	2	2.39	0.006	0.06	<0.1	0.18	7.0	0.1	<0.05	6	2.4	<0.2
1215765	Soil	20	1.53	135	0.002	3	1.32	0.003	0.07	<0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1215766	Soil	25	2.19	143	0.001	1	2.07	0.002	0.09	<0.1	0.12	4.3	0.1	<0.05	6	0.6	<0.2
1215767	Soil	28	1.40	232	0.002	2	2.19	0.004	0.13	<0.1	0.04	1.8	0.1	<0.05	7	1.2	<0.2
1215768	Soil	26	1.25	163	0.002	1	1.98	0.003	0.12	<0.1	0.04	1.3	0.1	<0.05	6	0.8	<0.2
1215769	Soil	26	1.22	281	0.003	2	2.05	0.003	0.13	<0.1	0.06	1.7	0.1	<0.05	6	1.8	<0.2
1215770	Soil	28	0.95	208	0.004	2	1.93	0.004	0.12	<0.1	0.06	1.6	0.1	<0.05	7	2.2	<0.2
1215771	Soil	28	1.34	205	0.003	2	2.19	0.005	0.14	<0.1	0.05	1.7	<0.1	<0.05	6	1.0	<0.2
1215772	Soil	28	1.33	175	0.003	2	2.10	0.003	0.13	<0.1	0.05	1.5	0.1	<0.05	6	2.6	<0.2
1216101	Soil	7	0.06	233	0.006	2	0.49	0.002	0.09	<0.1	0.09	4.9	0.3	0.06	<1	0.9	<0.2
1216102	Soil	16	0.05	58	0.001	<1	0.74	0.006	0.04	<0.1	0.02	2.0	0.1	<0.05	3	<0.5	<0.2
1216103	Soil	11	0.09	105	0.002	1	0.47	0.008	0.06	<0.1	0.11	7.8	<0.1	<0.05	1	<0.5	<0.2
1216104	Soil	7	0.12	65	0.001	<1	0.52	0.006	0.06	0.3	0.04	3.6	<0.1	<0.05	1	<0.5	<0.2
1216106	Soil	11	0.04	39	0.002	<1	0.48	0.005	0.03	<0.1	<0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
1216107	Soil	23	0.55	392	0.004	4	0.88	0.004	0.26	<0.1	0.73	2.6	0.5	0.30	3	3.8	<0.2
1216108	Soil	19	0.54	578	0.003	4	0.57	0.003	0.24	0.2	0.95	1.2	1.5	0.35	2	3.8	<0.2
1215901	Soil	10	0.21	58	<0.001	1	0.80	0.006	0.05	0.1	0.02	2.2	<0.1	<0.05	2	<0.5	<0.2
1215902	Soil	9	0.16	49	<0.001	<1	0.65	0.005	0.04	0.1	0.02	1.8	<0.1	<0.05	2	<0.5	<0.2
1215903	Soil	8	0.13	55	0.002	<1	0.56	0.006	0.05	0.1	0.03	2.1	<0.1	<0.05	2	<0.5	<0.2
1215904	Soil	9	0.13	57	0.001	<1	0.65	0.005	0.04	0.1	0.02	1.4	<0.1	<0.05	2	<0.5	<0.2
1215905	Soil	10	0.12	56	0.001	<1	0.65	0.009	0.04	0.2	0.02	1.6	<0.1	<0.05	2	<0.5	<0.2
1215906	Soil	12	0.17	52	0.001	<1	0.72	0.006	0.04	0.1	0.05	2.1	<0.1	<0.05	2	<0.5	<0.2
1215907	Soil	15	0.28	46	0.001	<1	1.01	0.005	0.04	<0.1	0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
1215908	Soil	17	0.18	84	0.002	<1	1.29	0.006	0.06	<0.1	0.02	1.9	0.1	<0.05	3	<0.5	<0.2



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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15			
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1215909	Soil																							
1215910	Soil																							
1215911	Soil																							
1215912	Soil																							
1215913	Soil																							
1215914	Soil																							
1215915	Soil																							
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		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1215909	Soil	11	0.16	71	0.003	<1	0.75	0.006	0.05	0.2	0.04	2.1	<0.1	<0.05	2	<0.5	<0.2
1215910	Soil	12	0.21	99	0.004	2	1.07	0.013	0.04	<0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1215911	Soil	14	0.08	70	0.002	<1	0.55	0.007	0.04	0.2	0.01	1.6	<0.1	<0.05	2	<0.5	<0.2
1215912	Soil	13	0.20	67	0.004	<1	0.80	0.006	0.05	0.2	0.02	2.7	<0.1	<0.05	2	<0.5	<0.2
1215913	Soil	13	0.05	31	0.004	<1	0.43	0.008	0.05	0.3	0.02	1.5	<0.1	<0.05	2	<0.5	<0.2
1215914	Soil	17	0.05	66	0.004	<1	0.35	0.011	0.04	0.1	0.01	1.6	<0.1	<0.05	2	<0.5	<0.2
1215915	Soil	20	0.36	56	0.007	<1	1.19	0.005	0.04	0.5	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1215916	Soil	1	0.01	15	0.009	<1	0.45	0.032	0.02	<0.1	0.02	0.1	<0.1	<0.05	2	<0.5	<0.2
1215917	Soil	18	0.30	162	0.007	<1	0.74	0.010	0.05	<0.1	0.03	3.5	<0.1	<0.05	2	<0.5	<0.2
1215918	Soil	16	0.18	44	0.004	<1	0.72	0.009	0.04	<0.1	<0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1215919	Soil	3	0.02	26	0.004	<1	0.47	0.027	0.02	<0.1	0.02	0.1	<0.1	<0.05	2	<0.5	<0.2
1215920	Soil	24	0.41	62	0.010	<1	1.46	0.004	0.05	<0.1	0.03	1.4	<0.1	<0.05	6	<0.5	<0.2
1215921	Soil	30	0.24	351	0.005	1	1.65	0.009	0.06	0.1	0.06	1.2	0.2	0.18	5	0.7	<0.2
1215922	Soil	24	0.20	633	0.003	<1	1.71	0.010	0.08	<0.1	0.05	1.4	<0.1	0.06	4	<0.5	<0.2
1215923	Soil	21	0.51	66	0.009	<1	1.35	0.005	0.03	<0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1215924	Soil	11	0.07	68	0.007	<1	0.54	0.013	0.04	0.1	0.02	0.7	<0.1	<0.05	3	<0.5	<0.2
1215925	Soil	21	0.33	75	0.006	<1	1.34	0.006	0.05	0.2	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1215926	Soil	14	0.16	135	0.003	<1	0.66	0.010	0.08	0.1	0.01	1.0	<0.1	<0.05	3	<0.5	<0.2
1215927	Soil	1	0.02	34	0.004	<1	0.35	0.032	0.02	<0.1	0.01	0.2	<0.1	<0.05	1	<0.5	<0.2
1215928	Soil	4	0.03	39	0.009	<1	0.66	0.025	0.02	0.1	0.01	0.3	<0.1	<0.05	3	<0.5	<0.2
1215929	Soil	5	0.02	56	0.005	<1	0.33	0.025	0.03	<0.1	0.01	0.2	<0.1	<0.05	2	<0.5	<0.2
1215930	Soil	23	0.37	63	0.005	1	1.15	0.011	0.04	0.1	0.02	1.6	<0.1	<0.05	5	<0.5	<0.2
1215931	Soil	20	0.29	71	0.002	<1	0.98	0.006	0.04	0.4	0.04	2.1	<0.1	<0.05	2	<0.5	<0.2
1215932	Soil	14	0.14	54	0.002	<1	0.65	0.005	0.03	<0.1	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
1215933	Soil	7	0.05	31	0.005	<1	0.38	0.018	0.03	0.1	<0.01	0.4	<0.1	<0.05	2	<0.5	<0.2
1215934	Soil	13	0.08	46	0.002	<1	0.66	0.007	0.04	0.3	0.02	2.2	<0.1	<0.05	2	<0.5	<0.2
1215935	Soil	29	0.56	239	0.005	2	1.15	0.005	0.08	<0.1	0.06	0.9	0.1	<0.05	4	2.0	<0.2
1215936	Soil	34	1.21	290	0.006	2	1.57	0.004	0.08	<0.1	0.36	4.9	<0.1	0.05	4	1.8	<0.2
1215937	Soil	31	0.76	373	0.009	2	1.65	0.006	0.11	<0.1	0.14	2.1	<0.1	<0.05	5	1.1	<0.2
1215938	Soil	27	0.73	351	0.006	2	1.21	0.006	0.08	<0.1	0.16	2.0	<0.1	0.05	4	1.6	<0.2



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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					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
1215939	Soil																							
1215940	Soil																							
1215941	Soil																							
1215942	Soil																							
1215943	Soil																							
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1215950	Soil																							
1215951	Soil																							
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1215959	Soil																							
1215960	Soil																							
1215961	Soil																							
1215962	Soil																							
1215963	Soil																							
1215964	Soil																							
1215965	Soil																							
1215966	Soil																							
1215967	Soil																							
1215968	Soil																							



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1215939	Soil	27	0.84	332	0.006	2	1.68	0.006	0.08	<0.1	0.16	2.5	<0.1	0.05	4	1.5	<0.2
1215940	Soil	24	0.60	345	0.008	<1	1.47	0.005	0.07	0.1	0.04	1.3	<0.1	0.07	4	0.8	<0.2
1215941	Soil	23	0.52	347	0.007	2	1.30	0.005	0.06	<0.1	0.04	0.5	<0.1	<0.05	5	0.8	<0.2
1215942	Soil	16	0.63	420	0.006	3	0.93	0.005	0.08	<0.1	0.23	2.5	0.2	<0.05	3	1.2	<0.2
1215943	Soil	17	0.48	562	0.005	2	1.05	0.005	0.05	<0.1	0.12	1.2	0.1	0.07	4	1.9	<0.2
1215944	Soil	19	0.65	299	0.006	2	1.29	0.003	0.09	<0.1	0.21	2.4	0.3	<0.05	3	2.9	<0.2
1215945	Soil	20	0.59	603	0.005	1	1.29	0.004	0.08	<0.1	0.08	1.8	0.2	<0.05	4	1.7	<0.2
1215946	Soil	23	0.62	427	0.007	1	1.49	0.006	0.06	0.2	0.12	1.7	0.1	<0.05	4	0.9	<0.2
1215947	Soil	26	0.73	155	0.010	8	1.76	0.005	0.07	0.2	0.01	1.3	<0.1	<0.05	5	0.7	<0.2
1215948	Soil	25	0.53	85	0.009	<1	1.58	0.005	0.06	0.2	0.03	1.3	<0.1	<0.05	5	<0.5	<0.2
1215949	Soil	30	0.58	516	0.007	<1	1.87	0.010	0.08	0.2	0.16	1.6	0.1	<0.05	5	1.5	<0.2
1215950	Soil	13	0.17	67	0.010	1	0.78	0.004	0.04	0.2	0.01	0.8	<0.1	<0.05	4	<0.5	<0.2
1215951	Soil	27	0.70	459	0.012	<1	1.67	0.006	0.06	0.2	0.07	1.6	0.2	<0.05	4	0.8	<0.2
1215952	Soil	34	0.68	491	0.007	5	1.58	0.007	0.09	0.1	0.19	2.9	0.4	<0.05	4	1.9	<0.2
1215953	Soil	21	0.43	78	0.008	<1	1.47	0.005	0.05	0.2	0.02	1.2	<0.1	<0.05	5	<0.5	<0.2
1215954	Soil	28	0.66	60	0.008	<1	1.92	0.004	0.06	0.2	0.03	1.4	<0.1	<0.05	5	<0.5	<0.2
1215955	Soil	29	0.70	124	0.018	3	1.93	0.023	0.18	0.2	0.02	3.7	<0.1	<0.05	6	<0.5	<0.2
1215956	Soil	23	0.57	203	0.006	<1	1.66	0.008	0.09	0.1	0.05	2.3	<0.1	<0.05	4	<0.5	<0.2
1215957	Soil	27	1.32	295	0.010	2	1.74	0.008	0.17	<0.1	0.10	3.5	0.1	<0.05	5	<0.5	<0.2
1215958	Soil	25	1.30	322	0.009	2	1.67	0.009	0.17	<0.1	0.11	2.9	0.1	<0.05	4	0.7	<0.2
1215959	Soil	16	0.59	258	0.006	1	1.33	0.011	0.08	<0.1	0.05	1.5	<0.1	<0.05	3	0.9	<0.2
1215960	Soil	27	0.80	169	0.011	<1	1.78	0.009	0.11	0.1	0.04	2.4	<0.1	<0.05	5	<0.5	<0.2
1215961	Soil	16	0.32	121	0.003	<1	1.42	0.006	0.07	<0.1	0.09	4.2	0.2	<0.05	3	4.4	<0.2
1215962	Soil	32	0.83	189	0.011	2	1.97	0.010	0.14	0.2	0.02	3.6	<0.1	<0.05	5	0.6	<0.2
1215963	Soil	25	0.66	123	0.008	<1	1.56	0.007	0.09	<0.1	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1215964	Soil	28	0.83	143	0.005	<1	1.72	0.007	0.08	0.1	0.08	3.5	0.2	<0.05	4	1.0	<0.2
1215965	Soil	25	0.75	177	0.008	1	1.75	0.009	0.14	0.2	0.04	2.7	<0.1	<0.05	5	<0.5	<0.2
1215966	Soil	28	0.81	205	0.007	<1	1.72	0.007	0.11	0.1	0.07	2.3	0.1	<0.05	5	0.8	<0.2
1215967	Soil	17	0.48	188	0.005	<1	1.38	0.013	0.07	<0.1	0.07	2.2	0.1	<0.05	3	1.7	<0.2
1215968	Soil	26	0.78	129	0.005	<1	1.58	0.006	0.08	<0.1	0.06	2.3	0.1	<0.05	4	0.9	<0.2



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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15			
					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
1215969	Soil																							
1215970	Soil																							
1215971	Soil																							
1216251	Soil																							
1216252	Soil																							
1216253	Soil																							
1216254	Soil																							
1216255	Soil																							
1216256	Soil																							
1216257	Soil																							
1216258	Soil																							
1216259	Soil																							
1216260	Soil																							
1216001	Soil																							
1216002	Soil																							
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1216013	Soil																							
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1216016	Soil																							
1216017	Soil																							



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1215969	Soil	21	0.62	152	0.007	<1	1.45	0.014	0.10	0.1	0.05	1.9	<0.1	<0.05	4	0.8	<0.2
1215970	Soil	28	0.81	170	0.008	<1	1.72	0.008	0.12	0.2	0.05	2.7	<0.1	<0.05	5	<0.5	<0.2
1215971	Soil	20	0.66	155	0.007	1	1.44	0.009	0.09	0.1	0.05	2.0	<0.1	<0.05	4	1.3	<0.2
1216251	Soil	8	0.04	38	0.001	<1	0.27	0.005	0.04	0.2	0.02	1.8	<0.1	<0.05	1	<0.5	<0.2
1216252	Soil	12	0.02	15	0.002	<1	0.27	0.004	0.04	0.7	0.30	1.2	0.2	<0.05	1	<0.5	<0.2
1216253	Soil	13	0.11	25	0.009	<1	0.40	0.004	0.03	1.0	0.31	1.1	0.1	<0.05	3	<0.5	<0.2
1216254	Soil	8	0.07	34	0.009	<1	0.41	0.017	0.04	0.5	0.63	0.7	0.2	<0.05	2	<0.5	<0.2
1216255	Soil	6	0.01	15	0.001	<1	0.27	0.003	0.04	0.4	0.01	1.2	<0.1	<0.05	1	<0.5	<0.2
1216256	Soil	16	0.27	39	0.004	3	0.95	0.003	0.03	0.4	0.02	1.6	<0.1	<0.05	3	1.1	<0.2
1216257	Soil	11	0.13	26	0.003	2	0.56	0.003	0.03	0.4	0.11	1.3	0.1	<0.05	2	<0.5	<0.2
1216258	Soil	11	0.20	23	0.005	3	0.69	0.004	0.03	0.4	0.07	1.7	<0.1	<0.05	2	<0.5	<0.2
1216259	Soil	3	0.01	15	<0.001	<1	0.12	0.003	0.03	0.2	0.23	0.2	0.2	<0.05	<1	<0.5	<0.2
1216260	Soil	12	0.14	55	0.003	2	0.78	0.006	0.05	0.2	0.02	2.2	0.6	<0.05	2	0.7	<0.2
1216001	Soil	25	0.55	58	0.003	1	1.52	0.007	0.03	0.1	<0.01	1.5	<0.1	<0.05	4	1.0	<0.2
1216002	Soil	27	0.35	57	0.004	<1	1.53	0.005	0.04	0.1	0.04	1.6	<0.1	<0.05	5	1.4	<0.2
1216003	Soil	18	0.15	39	0.011	1	0.73	0.004	0.03	0.1	<0.01	1.2	<0.1	<0.05	5	<0.5	<0.2
1216004	Soil	13	0.10	29	0.003	<1	0.52	0.006	0.03	<0.1	0.01	1.7	<0.1	<0.05	2	1.1	<0.2
1216005	Soil	13	0.11	32	0.003	1	0.62	0.006	0.03	<0.1	<0.01	1.6	<0.1	<0.05	2	0.9	<0.2
1216006	Soil	27	0.37	58	0.006	1	1.14	0.006	0.04	0.1	<0.01	1.9	<0.1	<0.05	4	0.5	<0.2
1216007	Soil	23	0.39	46	0.007	2	1.06	0.006	0.04	0.1	<0.01	0.8	<0.1	<0.05	4	<0.5	<0.2
1216008	Soil	17	0.13	53	0.010	2	0.59	0.011	0.06	0.2	<0.01	0.6	<0.1	<0.05	3	1.1	<0.2
1216009	Soil	23	0.38	72	0.004	2	1.63	0.005	0.04	<0.1	0.02	1.5	<0.1	<0.05	5	<0.5	<0.2
1216010	Soil	8	0.07	89	0.004	2	0.63	0.014	0.03	<0.1	<0.01	0.3	<0.1	<0.05	2	<0.5	<0.2
1216011	Soil	5	0.05	30	0.016	1	0.73	0.028	0.04	<0.1	0.02	0.5	<0.1	<0.05	2	<0.5	<0.2
1216012	Soil	10	0.08	37	0.006	2	0.58	0.013	0.04	0.2	<0.01	0.3	<0.1	<0.05	3	0.5	<0.2
1216013	Soil	20	0.37	225	0.024	3	0.93	0.010	0.06	0.1	0.02	3.5	<0.1	<0.05	3	<0.5	<0.2
1216014	Soil	21	0.48	120	0.024	2	1.39	0.006	0.05	0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
1216015	Soil	15	0.19	55	0.018	1	0.75	0.004	0.03	<0.1	0.01	1.0	<0.1	<0.05	4	0.8	<0.2
1216016	Soil	18	0.69	216	0.022	2	2.00	0.015	0.05	<0.1	0.05	11.9	<0.1	<0.05	6	1.9	<0.2
1216017	Soil	18	0.38	155	0.007	2	1.20	0.014	0.06	<0.1	0.02	2.6	<0.1	<0.05	4	0.8	<0.2



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Project: Summit
Report Date: October 29, 2011

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CERTIFICATE OF ANALYSIS

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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15				
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01	0.001	1
1216018	Soil					1.0	38.9	28.2	98	<0.1	33.0	21.4	1006	4.29	162.1	51.5	6.5	13	0.1	4.4	0.5	22	0.14	0.074	20
1216019	Soil					0.7	22.2	15.3	28	0.2	12.8	4.9	181	1.61	114.7	30.2	0.9	21	<0.1	6.6	0.2	15	0.27	0.062	8
1216020	Soil					0.6	16.7	17.8	54	<0.1	18.5	9.1	327	2.90	45.2	6.0	3.6	17	<0.1	2.5	0.3	21	0.17	0.032	11
1216021	Soil					0.5	20.3	13.8	53	<0.1	15.6	8.4	276	3.70	37.7	7.0	5.6	11	<0.1	2.3	0.3	21	0.01	0.029	12
1216022	Soil					0.6	14.7	12.7	30	<0.1	9.6	5.1	238	2.16	63.7	7.1	0.7	10	<0.1	4.5	0.2	18	0.03	0.034	6
1216023	Soil					0.6	21.5	15.9	49	0.2	16.2	8.8	381	2.96	103.1	17.8	0.9	10	<0.1	2.8	0.4	17	0.06	0.093	6
1216024	Soil					1.3	22.4	28.9	64	0.1	14.0	16.1	1219	6.33	69.6	11.2	1.8	7	0.1	2.5	0.6	36	0.02	0.132	9
1216025	Soil					0.5	38.9	19.6	91	<0.1	32.4	18.2	1011	4.34	75.4	24.7	6.7	11	<0.1	3.5	0.4	29	0.03	0.041	21
1216026	Soil					0.6	23.1	13.1	93	<0.1	32.8	18.2	547	4.85	79.0	13.7	7.7	9	<0.1	3.5	0.3	33	0.01	0.026	23
1216027	Soil					0.8	33.7	22.5	75	<0.1	23.1	12.3	321	6.19	124.7	5.4	3.7	7	<0.1	3.4	0.7	34	0.02	0.112	10
1216028	Soil					0.8	41.9	43.6	111	<0.1	37.0	50.2	2180	5.14	56.8	3.9	6.3	7	0.1	2.2	0.5	14	0.01	0.050	11
1216029	Soil					0.7	44.2	25.6	93	<0.1	32.0	20.1	890	4.11	30.5	4.9	3.9	15	0.1	1.9	0.4	13	0.06	0.060	12
1216030	Soil					1.7	47.1	48.2	74	<0.1	22.1	22.0	656	3.89	19.3	10.4	5.7	13	<0.1	2.9	0.7	9	<0.01	0.028	10
1216031	Soil					0.6	33.6	23.6	76	<0.1	29.4	22.6	603	4.19	22.3	4.1	5.5	10	<0.1	2.1	0.5	21	<0.01	0.025	9
1216032	Soil					0.5	67.7	16.0	85	<0.1	31.5	16.7	389	4.44	26.7	30.1	5.5	5	<0.1	2.4	0.5	15	<0.01	0.025	6
1216033	Soil					0.5	19.9	14.4	41	<0.1	12.8	12.4	589	2.11	12.3	4.0	0.9	4	<0.1	1.5	0.4	10	<0.01	0.053	4
1216034	Soil					0.4	18.7	7.0	32	<0.1	11.1	7.4	397	1.74	14.7	2.7	0.9	27	<0.1	1.0	0.1	19	0.29	0.056	5
1216035	Soil					2.4	34.6	14.5	109	<0.1	13.3	25.2	1842	8.41	37.2	10.6	2.9	61	0.2	1.6	0.2	86	0.93	0.193	22
1216036	Soil					0.2	4.1	2.0	12	<0.1	1.6	2.1	160	0.65	1.4	<0.5	0.2	15	<0.1	0.1	<0.1	7	0.16	0.038	2
1216037	Soil					0.9	22.3	22.2	38	<0.1	10.6	10.4	1037	2.05	32.9	3.3	0.6	24	<0.1	1.1	0.2	14	0.24	0.064	4
1216038	Soil					0.5	16.2	13.0	68	<0.1	18.7	15.5	448	2.43	4.6	15.7	2.8	5	<0.1	1.5	0.3	14	0.02	0.045	3
1216039	Soil					0.6	12.2	20.2	76	<0.1	28.1	15.9	1176	2.80	1.1	1.2	2.5	5	<0.1	0.5	0.3	15	0.01	0.070	2
1216040	Soil					0.5	76.5	12.4	99	<0.1	35.1	20.0	1221	3.30	1.4	<0.5	4.6	5	<0.1	0.4	0.3	17	0.01	0.065	3
1216041	Soil					0.6	70.2	14.2	92	<0.1	35.5	17.8	761	3.62	2.2	0.7	5.1	10	<0.1	0.7	0.3	19	0.01	0.038	3
1216042	Soil					0.6	23.5	12.7	82	<0.1	26.3	15.3	793	2.88	2.4	<0.5	3.2	5	<0.1	0.5	0.3	19	0.01	0.051	2
1216043	Soil					1.0	44.3	32.3	110	<0.1	33.1	19.9	3693	3.00	2.8	2.5	4.5	10	0.2	0.4	0.3	14	0.10	0.097	2
1216044	Soil					1.2	28.8	35.4	74	<0.1	24.5	15.6	921	3.16	2.6	<0.5	3.6	5	0.1	0.3	0.4	17	0.02	0.073	2
1216045	Soil					0.6	22.8	33.7	81	<0.1	27.1	13.5	582	3.44	3.9	1.2	7.7	13	<0.1	0.2	0.3	14	0.03	0.043	3
1216046	Soil					1.0	21.7	26.0	56	0.1	17.7	11.3	1077	3.39	4.3	1.0	1.6	6	0.2	0.5	0.4	18	0.04	0.146	4
1216047	Soil					1.2	18.7	29.9	62	0.1	19.6	12.4	959	3.33	5.0	0.8	0.8	6	0.2	0.4	0.4	18	0.06	0.171	5



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1216018	Soil	22	0.47	94	0.005	<1	1.20	0.005	0.05	0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1216019	Soil	10	0.14	138	0.003	1	0.82	0.021	0.05	<0.1	0.02	1.1	<0.1	<0.05	2	1.0	<0.2
1216020	Soil	18	0.32	96	0.003	2	0.91	0.009	0.04	<0.1	<0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
1216021	Soil	16	0.19	153	0.003	2	0.92	0.005	0.03	<0.1	<0.01	1.1	<0.1	<0.05	4	0.7	<0.2
1216022	Soil	13	0.14	72	0.004	<1	0.75	0.012	0.03	<0.1	<0.01	0.7	<0.1	<0.05	3	<0.5	<0.2
1216023	Soil	13	0.21	120	0.003	<1	0.94	0.007	0.03	<0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
1216024	Soil	23	0.17	39	0.014	2	1.16	0.006	0.04	0.1	0.03	1.1	<0.1	<0.05	10	2.0	<0.2
1216025	Soil	21	0.53	89	0.005	1	1.28	0.007	0.04	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
1216026	Soil	26	0.57	72	0.008	1	1.45	0.006	0.06	<0.1	<0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
1216027	Soil	23	0.18	43	0.006	2	0.93	0.004	0.03	0.1	0.02	1.6	<0.1	<0.05	7	<0.5	<0.2
1216028	Soil	22	0.45	35	0.003	<1	1.52	0.005	0.05	<0.1	0.02	2.5	<0.1	<0.05	4	0.9	<0.2
1216029	Soil	18	0.42	71	0.002	2	1.13	0.006	0.05	<0.1	0.01	2.3	<0.1	<0.05	3	1.1	<0.2
1216030	Soil	8	0.07	37	0.001	<1	0.43	0.004	0.05	<0.1	0.02	2.3	<0.1	<0.05	2	0.9	<0.2
1216031	Soil	16	0.19	43	0.002	<1	0.80	0.004	0.04	<0.1	0.02	1.6	<0.1	<0.05	3	0.6	<0.2
1216032	Soil	17	0.30	69	0.002	<1	1.02	0.003	0.03	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1216033	Soil	10	0.15	32	0.002	<1	0.59	0.005	0.03	<0.1	0.01	0.5	<0.1	<0.05	2	<0.5	<0.2
1216034	Soil	7	0.13	108	0.008	<1	0.73	0.016	0.02	<0.1	0.02	1.7	<0.1	<0.05	2	<0.5	<0.2
1216035	Soil	7	0.79	268	0.005	<1	1.85	0.010	0.02	<0.1	0.06	8.8	<0.1	<0.05	8	<0.5	<0.2
1216036	Soil	1	0.04	42	0.009	<1	0.53	0.027	0.03	<0.1	0.01	0.8	<0.1	<0.05	2	<0.5	<0.2
1216037	Soil	11	0.12	53	0.011	<1	0.79	0.013	0.03	0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
1216038	Soil	13	0.08	21	0.005	<1	0.40	0.007	0.03	1.0	0.04	1.1	<0.1	<0.05	1	<0.5	<0.2
1216039	Soil	21	0.18	34	0.005	<1	0.50	0.005	0.04	1.7	0.04	1.1	<0.1	<0.05	2	<0.5	<0.2
1216040	Soil	29	0.82	25	0.004	<1	1.49	0.004	0.03	0.1	0.03	1.7	<0.1	<0.05	5	<0.5	<0.2
1216041	Soil	19	0.25	18	0.003	<1	0.57	0.002	0.02	<0.1	0.02	1.5	<0.1	<0.05	2	<0.5	<0.2
1216042	Soil	21	0.34	43	0.004	<1	0.81	0.003	0.03	<0.1	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2
1216043	Soil	28	0.58	95	0.005	<1	1.22	0.006	0.04	<0.1	0.04	1.1	<0.1	0.05	4	<0.5	<0.2
1216044	Soil	25	0.45	29	0.003	<1	1.19	0.004	0.03	<0.1	0.04	0.9	<0.1	<0.05	5	<0.5	<0.2
1216045	Soil	25	0.58	38	0.001	<1	1.34	0.003	0.02	<0.1	<0.01	1.7	<0.1	<0.05	5	<0.5	<0.2
1216046	Soil	24	0.30	51	0.010	<1	1.34	0.005	0.03	0.1	0.07	0.7	<0.1	0.10	5	<0.5	<0.2
1216047	Soil	26	0.33	66	0.006	<1	1.27	0.006	0.04	0.1	0.07	0.4	<0.1	0.07	4	<0.5	<0.2



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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15			
					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
1216048	Soil				1.1	28.6	38.0	70	<0.1	25.4	21.1	1953	3.96	8.6	8.4	1.2	6	0.1	0.6	0.5	20	0.05	0.105	6
1216049	Soil				1.2	30.1	46.6	58	<0.1	18.7	13.7	1862	4.08	5.9	1.3	1.1	4	0.1	0.5	0.5	25	0.03	0.184	5
1216050	Soil				1.3	21.3	19.3	67	<0.1	21.7	10.2	581	4.32	14.0	<0.5	1.2	4	0.2	0.5	0.5	26	0.03	0.084	10
1216051	Soil				1.1	27.7	19.2	71	<0.1	24.8	12.2	585	2.99	11.1	2.7	2.2	9	0.1	0.7	0.4	25	0.12	0.105	12
1216052	Soil				0.6	23.1	16.0	30	<0.1	11.0	5.9	249	1.51	8.8	2.6	0.5	6	<0.1	0.3	0.2	10	0.05	0.063	8
1216053	Soil				0.9	21.3	25.2	67	<0.1	22.3	12.5	601	3.25	15.4	5.2	3.6	7	<0.1	0.5	0.5	20	0.05	0.063	17
1216054	Soil				0.6	18.7	13.0	62	<0.1	17.3	8.0	412	2.78	12.7	3.5	1.3	4	<0.1	0.4	0.3	15	0.03	0.070	16
1216055	Soil				0.6	12.5	10.3	39	<0.1	11.3	5.4	243	1.73	20.5	1.5	0.6	5	<0.1	0.4	0.2	12	0.02	0.065	17
1216056	Soil				0.5	8.4	9.9	41	<0.1	11.3	6.2	217	2.04	9.6	<0.5	0.5	3	<0.1	0.8	0.2	16	<0.01	0.035	10
1216057	Soil				0.5	16.9	16.5	70	<0.1	17.2	8.3	325	3.98	40.2	0.7	5.8	3	<0.1	0.7	0.4	16	<0.01	0.031	25
1216058	Soil				0.2	9.5	5.4	32	<0.1	9.2	4.2	116	1.38	7.3	1.5	3.3	10	<0.1	0.3	0.2	9	0.08	0.021	14
1216059	Soil				0.5	57.4	23.4	81	0.2	26.2	15.0	764	3.36	31.3	8.4	8.0	15	<0.1	0.7	0.5	14	0.08	0.045	21
1216060	Soil				0.4	13.6	7.7	48	<0.1	12.7	6.2	212	2.54	21.5	2.9	6.9	3	<0.1	0.3	0.3	13	<0.01	0.021	29
1216061	Soil				0.5	8.6	7.3	28	<0.1	7.7	3.6	137	1.74	13.8	3.4	0.9	4	<0.1	0.4	0.2	13	0.01	0.030	20
1216062	Soil				0.3	23.6	11.6	76	<0.1	23.5	10.2	320	3.20	21.3	4.6	8.9	8	<0.1	0.4	0.3	12	0.05	0.028	27
1216063	Soil				1.3	40.8	19.5	103	0.2	28.9	11.9	380	3.44	31.7	3.7	11.1	19	0.2	0.7	0.3	15	0.16	0.062	28
1216064	Soil				0.6	25.9	17.3	101	0.1	27.6	11.7	460	3.34	30.2	21.2	8.5	22	0.1	0.4	0.4	14	0.18	0.047	23
1216065	Soil				0.6	19.7	15.8	86	<0.1	21.7	10.3	376	3.06	25.1	4.2	7.3	20	<0.1	0.3	0.3	13	0.15	0.039	24
1216066	Soil				0.5	4.2	6.2	21	<0.1	6.4	2.0	70	1.21	11.4	<0.5	3.3	3	<0.1	0.2	0.1	9	<0.01	0.012	12
1216067	Soil				3.1	44.0	13.9	106	0.4	31.1	10.9	318	2.60	13.5	3.0	5.2	279	0.6	1.2	0.2	24	6.85	0.110	13
1216068	Soil				2.4	44.4	13.6	110	0.5	37.4	13.8	426	2.88	12.1	5.1	4.0	118	0.6	1.5	0.2	27	2.50	0.118	15
1216069	Soil				4.1	58.0	18.0	143	0.6	46.1	18.9	698	3.63	14.6	4.3	5.6	73	0.7	1.3	0.2	35	1.41	0.116	19
1216070	Soil				4.9	68.7	17.4	173	0.9	49.2	18.7	428	3.58	13.6	3.1	6.4	56	1.0	1.5	0.3	40	0.96	0.157	21
1216071	Soil				2.8	36.5	12.3	118	0.5	27.7	11.6	353	2.31	10.3	1.6	2.6	82	1.0	0.9	0.2	25	1.38	0.114	12
1216072	Soil				1.2	30.4	14.3	87	0.2	28.5	12.2	439	2.89	16.2	2.0	6.3	33	0.2	0.5	0.3	19	0.51	0.073	21
1216073	Soil				2.9	48.4	17.1	153	0.4	44.4	18.1	735	3.48	16.2	1.3	6.3	50	1.0	1.1	0.3	29	0.95	0.115	18
1216074	Soil				1.8	37.5	15.7	112	0.4	31.4	12.8	541	2.97	15.7	2.5	5.3	46	0.4	0.7	0.2	25	0.74	0.097	17
1216075	Soil				2.1	36.9	16.4	125	0.4	34.8	15.2	415	3.45	22.3	3.1	7.3	38	0.4	0.8	0.3	28	0.58	0.103	23
1216076	Soil				1.9	58.2	18.2	115	0.3	37.2	15.3	568	3.82	31.0	2.7	8.1	37	0.3	0.9	0.3	25	0.62	0.092	23
1216077	Soil				1.7	48.0	20.3	117	0.3	43.0	18.9	687	3.80	45.7	6.2	9.2	34	0.6	0.8	0.3	23	0.49	0.085	28



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1216048	Soil	24	0.39	89	0.006	<1	1.27	0.004	0.04	0.1	0.04	0.6	<0.1	0.05	5	<0.5	<0.2
1216049	Soil	24	0.26	55	0.006	1	1.25	0.004	0.04	0.1	0.06	0.5	<0.1	0.07	5	<0.5	<0.2
1216050	Soil	25	0.37	45	0.012	<1	1.32	0.003	0.03	0.2	0.06	0.7	<0.1	<0.05	5	<0.5	<0.2
1216051	Soil	23	0.44	75	0.015	<1	1.37	0.004	0.04	0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1216052	Soil	12	0.16	58	0.005	<1	0.77	0.011	0.03	<0.1	0.03	0.5	<0.1	<0.05	2	<0.5	<0.2
1216053	Soil	20	0.38	58	0.010	<1	1.13	0.003	0.04	0.2	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
1216054	Soil	18	0.32	52	0.004	<1	0.98	0.004	0.03	0.1	0.03	0.5	<0.1	<0.05	4	<0.5	<0.2
1216055	Soil	11	0.12	28	0.003	<1	0.61	0.005	0.02	0.1	0.02	0.2	<0.1	<0.05	3	<0.5	<0.2
1216056	Soil	10	0.14	18	0.008	<1	0.44	0.006	0.03	0.2	0.02	0.2	<0.1	<0.05	3	<0.5	<0.2
1216057	Soil	17	0.32	25	0.009	<1	0.98	0.003	0.03	0.4	<0.01	0.8	<0.1	<0.05	4	<0.5	<0.2
1216058	Soil	9	0.21	54	0.002	<1	0.64	0.005	0.03	0.2	0.02	0.5	<0.1	<0.05	3	<0.5	<0.2
1216059	Soil	18	0.33	159	0.002	<1	1.37	0.005	0.07	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1216060	Soil	13	0.24	35	0.004	<1	0.88	0.004	0.03	0.2	0.01	0.7	<0.1	<0.05	3	<0.5	<0.2
1216061	Soil	8	0.05	37	0.004	<1	0.47	0.005	0.03	0.1	0.01	0.3	<0.1	<0.05	3	<0.5	<0.2
1216062	Soil	20	0.50	61	0.004	<1	1.22	0.003	0.04	0.2	0.05	1.4	<0.1	<0.05	3	<0.5	<0.2
1216063	Soil	19	0.54	84	0.006	<1	1.32	0.005	0.07	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1216064	Soil	20	0.55	106	0.003	<1	1.53	0.005	0.07	0.3	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1216065	Soil	19	0.54	60	0.005	<1	1.30	0.005	0.05	0.2	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1216066	Soil	9	0.15	22	0.003	<1	0.60	0.007	0.02	0.1	<0.01	0.4	<0.1	<0.05	3	<0.5	<0.2
1216067	Soil	18	0.94	220	0.004	1	1.22	0.004	0.10	<0.1	0.07	2.1	0.1	<0.05	3	<0.5	<0.2
1216068	Soil	23	1.05	263	0.003	3	1.56	0.005	0.10	<0.1	0.08	2.0	<0.1	0.07	4	1.2	<0.2
1216069	Soil	27	1.16	417	0.003	2	1.93	0.006	0.11	<0.1	0.09	2.7	0.1	<0.05	4	0.8	<0.2
1216070	Soil	26	1.06	363	0.003	3	1.78	0.005	0.13	<0.1	0.14	3.0	0.1	0.05	4	1.0	<0.2
1216071	Soil	18	0.70	255	0.004	2	1.31	0.011	0.09	<0.1	0.09	1.4	<0.1	0.07	3	1.1	<0.2
1216072	Soil	20	0.59	207	0.003	1	1.54	0.009	0.08	0.2	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
1216073	Soil	26	0.91	234	0.005	2	1.79	0.007	0.13	<0.1	0.07	2.5	0.1	<0.05	4	0.7	<0.2
1216074	Soil	23	0.75	227	0.005	2	1.56	0.010	0.09	<0.1	0.07	1.9	<0.1	<0.05	4	1.0	<0.2
1216075	Soil	26	0.88	202	0.004	1	1.76	0.005	0.11	<0.1	0.06	2.4	<0.1	<0.05	5	0.6	<0.2
1216076	Soil	25	0.80	179	0.004	1	1.63	0.009	0.09	0.1	0.08	2.2	<0.1	<0.05	4	0.6	<0.2
1216077	Soil	26	0.80	158	0.006	2	1.71	0.006	0.11	0.1	0.05	2.5	<0.1	<0.05	4	0.5	<0.2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1216078	Soil	1.1	22.9	20.4	48	<0.1	16.2	6.6	252	2.80	44.4	20.1	1.4	9	<0.1	1.7	0.3	19	0.02	0.093	24
1216079	Soil	0.9	28.5	24.0	69	<0.1	21.0	10.2	376	3.22	51.4	16.7	4.0	10	<0.1	2.5	0.4	17	0.02	0.071	33
1216080	Soil	0.8	30.6	17.4	73	<0.1	25.4	10.8	378	3.69	42.4	16.7	10.9	13	0.1	3.0	0.3	16	0.06	0.078	39
1216081	Soil	1.0	26.0	17.6	78	<0.1	28.6	12.5	367	3.77	20.6	3.5	4.1	8	0.2	1.4	0.3	23	0.05	0.057	25
1216082	Soil	1.1	25.3	19.9	87	<0.1	29.3	14.4	519	3.88	17.8	3.3	5.1	9	0.1	1.2	0.4	22	0.08	0.074	32
1216083	Soil	0.6	34.7	35.1	108	<0.1	41.3	19.1	652	4.59	38.1	7.2	8.9	13	<0.1	3.7	0.4	8	0.12	0.075	33
1216084	Soil	0.9	29.2	23.5	100	<0.1	35.6	15.2	509	4.35	32.6	9.9	5.0	11	0.1	2.0	0.4	21	0.08	0.085	26
1216085	Soil	0.7	24.8	34.6	80	<0.1	28.7	13.5	504	3.62	43.1	22.3	4.6	18	<0.1	3.2	0.4	9	0.05	0.067	20
1216086	Soil	0.7	34.1	32.1	124	0.1	43.6	19.0	734	5.54	66.0	35.8	6.8	10	<0.1	5.5	0.5	6	0.12	0.088	21
1216087	Soil	0.7	29.4	28.9	100	<0.1	34.9	13.7	437	4.44	77.7	43.0	6.5	12	<0.1	4.7	0.5	9	0.07	0.072	26
1216088	Soil	0.7	36.5	39.3	119	0.1	44.2	20.4	952	4.89	80.0	63.4	7.3	13	0.1	6.2	0.5	10	0.06	0.070	26
1216089	Soil	0.7	31.9	33.6	99	0.2	35.6	16.4	779	3.98	56.4	48.2	5.6	17	<0.1	6.5	0.4	6	0.15	0.073	18
1216090	Soil	0.4	44.9	49.6	112	0.2	48.9	22.0	447	5.01	45.4	19.1	15.5	14	<0.1	6.7	0.7	3	0.20	0.051	35
1216091	Soil	0.6	43.4	47.6	144	0.2	54.2	26.2	846	5.68	62.6	17.9	16.3	15	<0.1	6.8	0.6	3	0.17	0.067	30
1216092	Soil	0.4	44.5	42.6	121	<0.1	45.1	22.6	468	5.04	57.6	26.7	14.2	16	<0.1	5.9	0.8	2	0.06	0.057	30
1216093	Soil	0.3	35.3	36.9	108	0.1	45.3	22.7	632	4.58	62.4	30.3	16.7	22	<0.1	5.7	0.5	2	0.08	0.049	29
1216094	Soil	0.4	32.1	28.9	99	<0.1	31.1	12.8	338	3.99	50.7	30.8	7.9	17	<0.1	4.6	0.5	2	0.04	0.040	21
1216095	Soil	0.5	25.7	30.4	85	<0.1	27.1	12.0	299	3.92	49.6	30.1	12.7	16	<0.1	4.6	0.4	<2	0.02	0.036	36
1216096	Soil	0.5	32.6	37.5	100	<0.1	33.2	15.2	480	4.73	55.1	30.6	7.0	21	<0.1	4.0	0.6	7	0.12	0.054	15
1216097	Soil	0.9	28.8	31.6	97	<0.1	30.4	15.2	410	4.48	46.4	22.3	4.5	14	<0.1	3.8	0.5	9	0.07	0.062	14
1216098	Soil	0.6	27.5	48.8	95	<0.1	29.5	19.0	701	3.63	41.9	17.8	7.7	5	<0.1	2.4	0.5	4	0.02	0.051	21
1216099	Soil	0.5	27.5	41.6	105	<0.1	31.7	12.6	505	4.06	45.9	20.5	8.3	4	<0.1	2.5	0.4	5	0.02	0.038	22
1216100	Soil	0.5	30.0	24.2	99	<0.1	30.1	15.9	412	3.91	46.4	20.9	10.7	5	<0.1	2.1	0.4	6	0.01	0.030	23
1215051	Soil	0.5	30.1	23.8	104	<0.1	34.2	14.8	647	3.77	40.7	18.2	13.1	5	<0.1	1.7	0.4	7	0.02	0.030	31
1215052	Soil	0.4	25.6	27.1	93	<0.1	27.8	12.5	275	3.26	94.7	42.2	8.2	5	<0.1	2.1	0.5	<2	0.02	0.031	22
1215053	Soil	0.5	21.2	20.3	75	<0.1	25.4	11.0	262	3.16	129.5	65.2	7.6	7	<0.1	2.8	0.4	6	0.04	0.029	25
1215054	Soil	0.7	24.9	23.4	95	<0.1	31.5	14.6	981	3.95	31.0	24.6	9.7	6	<0.1	3.4	0.4	12	0.02	0.028	26
1215055	Soil	0.6	27.0	20.0	79	<0.1	26.0	11.0	252	3.48	37.1	30.0	9.1	5	0.1	3.3	0.4	13	0.02	0.027	29
1215056	Soil	0.7	30.2	21.5	89	<0.1	32.7	15.2	481	3.41	30.3	16.5	11.2	22	0.2	2.5	0.4	20	0.27	0.064	24
1215057	Soil	0.7	38.5	30.8	106	0.2	45.2	20.1	800	4.12	24.5	9.1	12.2	20	0.2	1.8	0.4	21	0.27	0.059	31



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		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1216078	Soil	19	0.13	36	0.004	<1	0.92	0.007	0.05	0.6	0.07	0.4	0.2	<0.05	4	<0.5	<0.2
1216079	Soil	18	0.15	31	0.006	<1	0.80	0.004	0.04	0.5	0.03	1.1	0.2	<0.05	3	<0.5	<0.2
1216080	Soil	18	0.29	28	0.011	<1	0.79	0.004	0.03	0.4	0.03	1.6	0.1	<0.05	2	<0.5	<0.2
1216081	Soil	24	0.36	33	0.010	<1	1.10	0.004	0.03	0.3	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
1216082	Soil	26	0.40	42	0.012	1	1.29	0.008	0.04	0.2	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
1216083	Soil	14	0.23	31	0.004	1	0.72	0.008	0.05	0.2	0.02	2.3	0.1	<0.05	2	<0.5	<0.2
1216084	Soil	24	0.41	44	0.008	<1	1.26	0.005	0.05	0.2	0.02	1.6	<0.1	0.05	4	<0.5	<0.2
1216085	Soil	14	0.24	39	0.004	<1	0.87	0.009	0.04	0.3	0.04	1.5	0.2	<0.05	2	<0.5	<0.2
1216086	Soil	12	0.15	45	0.003	<1	0.65	0.011	0.04	0.2	0.03	2.3	<0.1	0.06	2	<0.5	<0.2
1216087	Soil	14	0.22	58	0.003	<1	0.82	0.006	0.04	0.2	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1216088	Soil	11	0.16	41	0.006	1	0.70	0.007	0.05	0.2	0.06	2.8	0.1	<0.05	2	<0.5	<0.2
1216089	Soil	8	0.11	49	0.004	<1	0.64	0.011	0.04	0.2	0.07	2.2	0.1	0.05	2	<0.5	<0.2
1216090	Soil	12	0.21	15	0.002	3	0.77	0.007	0.06	<0.1	0.03	3.4	<0.1	0.06	2	<0.5	<0.2
1216091	Soil	8	0.10	30	0.004	1	0.52	0.011	0.05	0.2	0.03	3.8	<0.1	<0.05	2	<0.5	<0.2
1216092	Soil	9	0.12	16	0.004	1	0.51	0.007	0.05	0.2	0.05	3.1	0.1	<0.05	2	<0.5	<0.2
1216093	Soil	7	0.06	27	0.011	2	0.53	0.023	0.10	0.3	0.07	3.5	0.3	<0.05	2	<0.5	<0.2
1216094	Soil	7	0.07	28	0.001	<1	0.44	0.006	0.04	0.3	0.06	2.1	0.2	<0.05	1	<0.5	<0.2
1216095	Soil	7	0.06	20	0.001	<1	0.40	0.004	0.04	0.3	0.08	1.9	0.2	<0.05	1	<0.5	<0.2
1216096	Soil	13	0.15	43	0.002	<1	0.81	0.008	0.06	0.3	0.10	2.7	0.4	<0.05	2	<0.5	<0.2
1216097	Soil	16	0.12	52	0.002	<1	0.84	0.007	0.05	0.3	0.05	1.7	0.3	<0.05	3	<0.5	<0.2
1216098	Soil	12	0.13	24	0.002	<1	0.63	0.007	0.03	0.2	0.03	1.4	0.1	<0.05	2	<0.5	<0.2
1216099	Soil	12	0.15	40	0.001	<1	0.81	0.005	0.04	0.2	0.03	1.9	<0.1	<0.05	2	<0.5	<0.2
1216100	Soil	15	0.23	40	0.004	<1	0.94	0.006	0.05	0.1	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1215051	Soil	15	0.26	52	0.005	2	1.03	0.011	0.07	0.2	0.02	2.9	<0.1	<0.05	3	<0.5	<0.2
1215052	Soil	6	0.06	34	0.002	<1	0.32	0.007	0.04	0.2	0.02	1.4	<0.1	<0.05	1	<0.5	<0.2
1215053	Soil	10	0.16	53	0.004	<1	0.64	0.008	0.05	0.2	0.04	1.6	0.1	<0.05	2	<0.5	<0.2
1215054	Soil	12	0.25	52	0.008	<1	0.70	0.008	0.04	0.2	0.03	2.0	<0.1	<0.05	2	<0.5	<0.2
1215055	Soil	13	0.25	51	0.005	<1	0.75	0.006	0.04	0.2	0.02	1.6	<0.1	<0.05	2	<0.5	<0.2
1215056	Soil	19	0.44	86	0.021	3	1.07	0.014	0.11	0.2	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
1215057	Soil	23	0.45	78	0.012	1	1.22	0.009	0.08	0.1	0.02	3.2	<0.1	<0.05	3	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	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
1215058	Soil	0.5	29.8	32.4	79	<0.1	32.2	16.3	423	4.14	26.6	2.3	8.9	13	<0.1	2.6	0.5	14	0.19	0.027	25
1216109	Soil	7.0	17.5	3.7	194	0.4	13.0	2.5	44	>40	6.1	<0.5	0.3	11	1.8	0.4	<0.1	8	0.13	0.015	10
1216110	Soil	31.9	39.5	1.2	2565	<0.1	155.3	20.8	189	>40	29.7	<0.5	0.1	49	12.4	1.5	<0.1	13	0.40	0.014	175
1216105	Soil	0.3	29.6	26.3	88	0.1	28.5	12.3	643	2.78	54.9	25.1	3.5	36	0.2	4.0	0.4	8	0.38	0.053	5
1216351	Soil	0.4	24.2	27.7	92	<0.1	27.0	13.2	385	3.44	46.1	28.5	7.3	20	<0.1	2.4	0.5	10	0.31	0.054	21
1216261	Soil	0.5	29.1	38.3	110	<0.1	30.2	13.4	410	3.79	39.3	27.8	9.2	14	<0.1	4.4	0.4	6	0.19	0.043	18



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1215058	Soil	20	0.35	66	0.003	<1	1.19	0.005	0.05	<0.1	0.01	2.0	<0.1	<0.05	3	<0.5	<0.2
1216109	Soil	5	0.05	14	<0.001	<1	0.46	0.008	0.01	<0.1	0.02	0.2	<0.1	3.31	<1	0.8	<0.2
1216110	Soil	2	0.03	29	<0.001	2	1.15	<0.001	<0.01	0.1	0.03	1.6	<0.1	0.57	<1	<0.5	<0.2
1216105	Soil	9	0.19	134	0.002	<1	0.55	0.008	0.05	0.1	0.07	2.8	<0.1	0.05	1	0.6	<0.2
1216351	Soil	12	0.23	39	0.003	<1	0.78	0.005	0.04	0.2	0.03	1.9	0.1	<0.05	2	<0.5	<0.2
1216261	Soil	6	0.12	31	0.003	<1	0.71	0.014	0.04	0.1	0.03	2.6	<0.1	<0.05	2	<0.5	<0.2



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Part 1

QUALITY CONTROL REPORT

WHI11001212.1

	Method Analyte	1DX15																		
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																				
1215817	Soil	0.7	16.9	15.2	45	<0.1	14.9	10.4	379	3.10	8.8	1.8	2.5	9	<0.1	0.7	0.2	26	0.02	0.039
REP 1215817	QC	0.8	16.6	14.9	43	<0.1	14.7	10.7	383	2.96	9.3	4.0	2.6	8	<0.1	0.8	0.2	25	0.02	0.038
1215701	Soil	0.7	15.2	15.7	54	<0.1	17.6	9.9	657	3.56	0.8	1.3	1.6	6	<0.1	0.7	0.3	20	0.06	0.088
REP 1215701	QC	0.6	16.2	16.6	59	<0.1	18.3	10.5	689	3.78	0.9	1.5	1.8	6	0.1	0.7	0.4	21	0.06	0.092
1215706	Soil	0.5	32.7	33.3	72	<0.1	24.3	13.8	481	2.88	43.9	23.1	7.6	26	<0.1	5.2	0.3	7	0.07	0.052
REP 1215706	QC	0.4	34.6	34.8	75	<0.1	26.1	14.6	506	2.99	44.3	19.6	8.0	26	<0.1	4.9	0.4	8	0.07	0.054
1215765	Soil	0.3	11.4	11.1	52	<0.1	23.4	8.5	269	1.96	2.4	<0.5	4.4	336	<0.1	0.1	<0.1	13	10.36	0.090
REP 1215765	QC	0.2	11.4	12.3	54	0.1	23.3	9.1	287	2.02	2.3	<0.5	4.4	340	<0.1	0.1	<0.1	13	10.98	0.091
1215903	Soil	0.4	30.4	28.0	87	<0.1	31.9	12.4	416	3.66	75.7	18.0	11.1	9	<0.1	3.6	0.5	7	0.06	0.030
REP 1215903	QC	0.3	31.1	27.8	83	<0.1	31.4	12.8	410	3.64	73.8	17.7	11.1	9	<0.1	3.6	0.5	7	0.06	0.027
1215906	Soil	0.6	27.7	30.8	84	0.1	27.1	11.3	358	4.14	1229	318.5	6.3	10	<0.1	4.0	0.6	8	0.13	0.031
REP 1215906	QC	0.5	28.1	30.2	86	0.1	27.8	11.3	369	4.28	1197	318.4	6.3	10	<0.1	4.0	0.7	8	0.13	0.032
1215939	Soil	3.5	125.0	25.9	141	1.1	50.8	20.6	533	5.14	16.6	19.8	2.9	39	0.5	1.5	0.3	34	0.56	0.177
REP 1215939	QC	3.5	124.4	26.1	143	1.1	50.2	21.4	531	4.99	16.2	16.3	3.1	40	0.5	1.5	0.3	32	0.59	0.175
1215947	Soil	2.0	38.4	19.0	108	<0.1	33.8	15.2	515	4.34	39.3	2.8	7.9	13	0.2	0.7	0.4	23	0.11	0.054
REP 1215947	QC	1.9	37.8	18.5	107	<0.1	32.9	14.8	497	4.18	38.9	1.9	7.7	12	0.3	0.7	0.4	21	0.10	0.051
1215959	Soil	1.6	38.1	10.9	101	0.3	25.9	7.8	232	2.35	14.0	2.7	3.9	69	0.5	0.7	0.2	17	1.02	0.085
REP 1215959	QC	1.5	38.4	11.1	102	0.3	26.2	8.0	236	2.39	14.5	1.8	4.0	70	0.4	0.8	0.2	17	1.05	0.088
1216259	Soil	0.3	4.2	96.7	5	0.2	1.9	0.5	19	0.21	71.8	228.9	6.8	4	<0.1	8.5	0.5	5	0.01	0.005
REP 1216259	QC	0.3	4.3	95.7	4	0.2	1.8	0.6	21	0.23	72.8	226.0	7.6	4	<0.1	8.5	0.5	6	0.01	0.004
1216025	Soil	0.5	38.9	19.6	91	<0.1	32.4	18.2	1011	4.34	75.4	24.7	6.7	11	<0.1	3.5	0.4	29	0.03	0.041
REP 1216025	QC	0.5	37.4	19.5	87	<0.1	31.5	18.4	1027	4.25	75.4	18.3	7.0	11	<0.1	3.3	0.4	28	0.03	0.039
1216049	Soil	1.2	30.1	46.6	58	<0.1	18.7	13.7	1862	4.08	5.9	1.3	1.1	4	0.1	0.5	0.5	25	0.03	0.184
REP 1216049	QC	1.3	31.6	48.5	61	0.1	18.3	13.9	1908	4.29	6.3	1.8	0.9	5	<0.1	0.7	0.6	26	0.03	0.196
1216055	Soil	0.6	12.5	10.3	39	<0.1	11.3	5.4	243	1.73	20.5	1.5	0.6	5	<0.1	0.4	0.2	12	0.02	0.065
REP 1216055	QC	0.6	11.7	9.9	37	<0.1	11.0	5.0	229	1.63	19.8	1.1	0.7	5	<0.1	0.4	0.2	12	0.02	0.064
1216084	Soil	0.9	29.2	23.5	100	<0.1	35.6	15.2	509	4.35	32.6	9.9	5.0	11	0.1	2.0	0.4	21	0.08	0.085
REP 1216084	QC	0.9	29.5	23.1	101	<0.1	33.9	14.8	465	4.16	32.5	9.2	4.6	11	0.1	2.0	0.4	20	0.08	0.089



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Part 2

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
1215817	Soil	17	0.33	124	0.004	<1	1.19	0.010	0.03	<0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
REP 1215817	QC	16	0.31	117	0.004	<1	1.13	0.008	0.03	<0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
1215701	Soil	21	0.09	30	0.005	<1	0.41	0.009	0.04	0.4	<0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
REP 1215701	QC	22	0.09	30	0.006	<1	0.41	0.009	0.04	0.4	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
1215706	Soil	6	0.09	41	0.005	<1	0.50	0.020	0.05	0.2	0.13	2.2	0.4	<0.05	1	<0.5	<0.2
REP 1215706	QC	7	0.09	42	0.005	<1	0.51	0.022	0.05	0.3	0.13	2.3	0.5	<0.05	1	<0.5	<0.2
1215765	Soil	20	1.53	135	0.002	3	1.32	0.003	0.07	<0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
REP 1215765	QC	22	1.64	141	0.003	2	1.44	0.003	0.07	<0.1	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
1215903	Soil	8	0.13	55	0.002	<1	0.56	0.006	0.05	0.1	0.03	2.1	<0.1	<0.05	2	<0.5	<0.2
REP 1215903	QC	7	0.12	57	<0.001	<1	0.58	0.007	0.04	0.1	0.02	2.1	<0.1	<0.05	2	<0.5	<0.2
1215906	Soil	12	0.17	52	0.001	<1	0.72	0.006	0.04	0.1	0.05	2.1	<0.1	<0.05	2	<0.5	<0.2
REP 1215906	QC	12	0.17	54	0.002	<1	0.69	0.006	0.04	0.2	0.04	2.1	<0.1	<0.05	2	<0.5	<0.2
1215939	Soil	27	0.84	332	0.006	2	1.68	0.006	0.08	<0.1	0.16	2.5	<0.1	0.05	4	1.5	<0.2
REP 1215939	QC	26	0.82	316	0.005	2	1.67	0.006	0.07	<0.1	0.15	2.6	<0.1	0.07	4	1.7	<0.2
1215947	Soil	26	0.73	155	0.010	8	1.76	0.005	0.07	0.2	0.01	1.3	<0.1	<0.05	5	0.7	<0.2
REP 1215947	QC	26	0.70	153	0.009	1	1.68	0.004	0.06	0.1	0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
1215959	Soil	16	0.59	258	0.006	1	1.33	0.011	0.08	<0.1	0.05	1.5	<0.1	<0.05	3	0.9	<0.2
REP 1215959	QC	17	0.61	269	0.007	2	1.39	0.012	0.08	<0.1	0.06	1.6	<0.1	<0.05	4	1.5	<0.2
1216259	Soil	3	0.01	15	<0.001	<1	0.12	0.003	0.03	0.2	0.23	0.2	0.2	<0.05	<1	<0.5	<0.2
REP 1216259	QC	3	0.01	15	0.001	2	0.12	0.003	0.03	0.2	0.20	0.2	0.2	<0.05	<1	<0.5	<0.2
1216025	Soil	21	0.53	89	0.005	1	1.28	0.007	0.04	<0.1	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
REP 1216025	QC	21	0.53	84	0.009	2	1.21	0.007	0.04	<0.1	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
1216049	Soil	24	0.26	55	0.006	1	1.25	0.004	0.04	0.1	0.06	0.5	<0.1	0.07	5	<0.5	<0.2
REP 1216049	QC	26	0.28	58	0.009	<1	1.31	0.005	0.04	0.1	0.07	0.5	<0.1	0.06	6	<0.5	<0.2
1216055	Soil	11	0.12	28	0.003	<1	0.61	0.005	0.02	0.1	0.02	0.2	<0.1	<0.05	3	<0.5	<0.2
REP 1216055	QC	10	0.12	27	0.004	<1	0.61	0.005	0.02	0.1	0.02	0.2	<0.1	<0.05	3	<0.5	<0.2
1216084	Soil	24	0.41	44	0.008	<1	1.26	0.005	0.05	0.2	0.02	1.6	<0.1	0.05	4	<0.5	<0.2
REP 1216084	QC	23	0.41	45	0.011	<1	1.28	0.004	0.04	0.2	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2



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Part 1

QUALITY CONTROL REPORT

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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1216098	Soil	0.6	27.5	48.8	95	<0.1	29.5	19.0	701	3.63	41.9	17.8	7.7	5	<0.1	2.4	0.5	4	0.02	0.051
REP 1216098	QC	0.7	26.1	46.9	94	<0.1	27.9	18.4	675	3.60	41.7	12.4	7.3	5	<0.1	2.3	0.5	4	0.02	0.050
Reference Materials																				
STD DS8	Standard	12.5	105.5	118.1	300	1.9	36.7	7.0	579	2.29	24.4	108.3	6.4	63	2.1	5.5	6.4	40	0.65	0.081
STD DS8	Standard	13.1	104.3	128.3	301	1.8	36.6	7.7	595	2.46	25.0	121.2	7.2	67	2.1	5.5	7.0	42	0.74	0.090
STD DS8	Standard	12.5	107.1	120.2	305	1.7	35.8	7.3	606	2.45	24.4	112.0	6.3	62	2.3	5.4	6.6	42	0.66	0.077
STD DS8	Standard	14.0	117.8	128.7	324	1.9	39.8	8.1	652	2.48	26.4	105.9	6.9	65	2.5	5.8	7.2	46	0.69	0.080
STD DS8	Standard	13.0	108.2	125.5	310	1.9	42.1	7.6	612	2.56	27.2	115.6	6.7	66	2.6	5.9	6.6	41	0.69	0.077
STD DS8	Standard	13.3	110.9	123.6	312	1.8	37.8	7.8	608	2.47	24.7	122.0	7.2	75	2.5	5.3	6.4	43	0.73	0.079
STD DS8	Standard	12.4	107.7	120.8	317	1.8	37.7	7.7	602	2.45	24.2	114.9	6.0	64	2.3	5.4	6.4	39	0.66	0.081
STD DS8	Standard	13.3	112.2	123.8	319	1.8	37.8	7.6	618	2.48	25.4	117.3	6.5	70	2.4	5.6	6.4	44	0.70	0.081
STD DS8	Standard	12.4	108.9	129.1	315	1.8	39.3	7.4	618	2.51	25.7	120.0	6.7	73	2.4	6.2	7.0	41	0.71	0.083
STD DS8	Standard	11.7	105.9	119.6	300	1.8	35.8	6.9	576	2.32	23.6	102.8	6.0	58	2.1	5.0	6.2	38	0.61	0.074
STD DS8	Standard	13.9	112.6	127.2	304	1.7	40.3	7.5	618	2.44	23.0	117.2	6.9	70	2.5	5.9	6.3	43	0.70	0.076
STD DS8	Standard	14.5	105.8	125.6	309	1.8	41.1	8.2	645	2.55	23.3	111.3	6.4	68	2.2	4.1	6.2	43	0.76	0.076
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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1300 - 111 West Georgia Street
Vancouver BC V6E 4M3 Canada

Project: Summit

Report Date: October 29, 2011

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

WHI11001212.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1216098	Soil	12	0.13	24	0.002	<1	0.63	0.007	0.03	0.2	0.03	1.4	0.1	<0.05	2	<0.5	<0.2
REP 1216098	QC	12	0.13	24	0.003	<1	0.63	0.008	0.04	0.2	0.03	1.4	0.1	<0.05	2	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	115	0.59	253	0.102	3	0.90	0.095	0.39	2.7	0.22	2.3	5.0	0.13	4	4.5	5.1
STD DS8	Standard	111	0.64	274	0.112	2	0.95	0.096	0.45	3.1	0.20	2.3	5.9	0.16	5	5.5	4.8
STD DS8	Standard	110	0.56	259	0.106	3	0.84	0.086	0.41	2.8	0.20	2.0	5.3	0.15	5	4.1	5.2
STD DS8	Standard	123	0.63	288	0.120	3	0.94	0.088	0.42	2.8	0.21	2.2	5.7	0.17	5	5.6	4.9
STD DS8	Standard	112	0.62	282	0.108	2	0.89	0.096	0.42	3.1	0.18	2.2	5.6	0.17	5	4.8	4.9
STD DS8	Standard	116	0.62	286	0.125	2	1.00	0.110	0.45	2.8	0.21	3.0	5.4	0.10	5	4.7	4.8
STD DS8	Standard	112	0.58	262	0.105	1	0.86	0.102	0.44	2.8	0.20	2.4	5.5	0.15	5	5.3	4.9
STD DS8	Standard	118	0.62	277	0.120	2	0.94	0.105	0.43	2.9	0.21	2.7	5.4	0.10	5	5.1	4.9
STD DS8	Standard	118	0.63	296	0.113	3	1.00	0.116	0.45	3.0	0.19	2.8	5.6	0.08	5	4.6	4.8
STD DS8	Standard	107	0.57	245	0.097	2	0.82	0.082	0.39	2.9	0.20	1.9	5.1	0.13	4	4.6	4.8
STD DS8	Standard	118	0.60	275	0.123	3	0.96	0.100	0.41	3.2	0.20	2.3	5.5	0.17	4	4.7	4.8
STD DS8	Standard	125	0.66	228	0.108	3	1.08	0.112	0.46	2.6	0.20	2.9	5.6	0.17	5	5.0	4.8
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

APPENDIX D
PRINCIPAL COMPONENT ANALYSIS TABLE

PC15 data

Data files produced by Principal Components

Input raster(s):

C:\arcgis\ProjectSummit\Interpolation\soil_al_idw3\soil_al_idw3

C:\arcgis\ProjectSummit\Interpolation\soil_ti_idw3\soil_ti_idw3

C:\arcgis\ProjectSummit\Interpolation\soil_ba_idw3\soil_ba_idw3

C:\arcgis\ProjectSummit\Interpolation\soil_mg_idw3\soil_mg_idw3

C:\arcgis\ProjectSummit\Interpolation\soil_cr_idw3\soil_cr_idw3

C:\arcgis\ProjectSummit\Interpolation\soil_p_idw3\soil_p_idw3

C:\arcgis\ProjectSummit\Interpolation\soil_v_idw3\soil_v_idw3

C:\arcgis\ProjectSummit\Interpolation\soil_mo_idw3\soil_mo_idw3

C:\arcgis\ProjectSummit\Interpolation\soil_th_idw3\soil_th_idw3

C:\arcgis\ProjectSummit\Interpolation\soil_la_idw3\soil_la_idw3

C:\arcgis\ProjectSummit\Interpolation\soil_hg_idw3\soil_hg_idw3

C:\arcgis\ProjectSummit\Interpolation\soil_sb_idw3\soil_sb_idw3

C:\arcgis\ProjectSummit\Interpolation\soil_pb_idw3\soil_pb_idw3

C:\arcgis\ProjectSummit\Interpolation\soil_as_idw3\soil_as_idw3

C:\arcgis\ProjectSummit\Interpolation\soil_au_idw3\soil_au_idw3

The number of components = 15

Output rasters(s)

C:\arcgis\ProjectSummit\Interpolation\soil_pc15

COVARIANCE MATRIX

# Layer	Al	Ti	Ba	Mg	Cr	P	V	Mo	Th	La	Hg	Sb	Pb	As	Au
# -----	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00
1	0.66	0.25	0.59	0.74	3.26	3.64	0.33	0.42	0.09	0.34	0.11	-0.33	-0.20	-0.15	-7.70 Al
2	0.25	0.41	0.22	0.21	1.58	1.33	0.27	0.16	-0.06	0.12	0.00	-0.19	-0.12	-0.11	-4.77 Ti
3	0.59	0.22	0.79	0.69	2.81	3.68	0.37	0.69	0.05	0.34	0.21	-0.22	-0.18	-0.12	-6.95 Ba
4	0.74	0.21	0.69	0.95	3.64	4.09	0.35	0.49	0.13	0.38	0.19	-0.37	-0.25	-0.19	-8.80 Mg
5	3.26	1.58	2.81	3.64	23.21	13.98	1.83	2.34	0.07	1.31	0.78	-1.89	-0.86	-1.13	-49.31 Cr
6	3.64	1.33	3.68	4.09	13.98	67.50	0.60	2.68	3.67	6.31	1.36	-1.13	0.06	0.24	-7.94 P
7	0.33	0.27	0.37	0.35	1.83	0.60	0.35	0.32	-0.11	0.06	0.04	-0.17	-0.17	-0.10	-5.43 V
8	0.42	0.16	0.69	0.49	2.34	2.68	0.32	0.78	-0.01	0.25	0.23	-0.13	-0.10	-0.10	-5.89 Mo
9	0.09	-0.06	0.05	0.13	0.07	3.67	-0.11	-0.01	0.36	0.34	0.08	0.08	0.11	0.07	2.53 Th
10	0.34	0.12	0.34	0.38	1.31	6.31	0.06	0.25	0.34	0.59	0.13	-0.11	0.01	0.02	-0.74 La
11	0.11	0.00	0.21	0.19	0.78	1.36	0.04	0.23	0.08	0.13	0.22	0.00	0.02	-0.04	-1.09 Hg
12	-0.33	-0.19	-0.22	-0.37	-1.89	-1.13	-0.17	-0.13	0.08	-0.11	0.00	0.55	0.19	0.18	6.16 Sb
13	-0.20	-0.12	-0.18	-0.25	-0.86	0.06	-0.17	-0.10	0.11	0.01	0.02	0.19	0.30	0.12	5.16 Pb
14	-0.15	-0.11	-0.12	-0.19	-1.13	0.24	-0.10	-0.10	0.07	0.02	-0.04	0.18	0.12	0.26	6.15 As
15	-7.70	-4.77	-6.95	-8.80	-49.31	-7.94	-5.43	-5.89	2.53	-0.74	-1.09	6.16	5.16	6.15	275.15 Au

CORRELATION MATRIX

# Layer	Al	Ti	Ba	Mg	Cr	P	V	Mo	Th	La	Hg	Sb	Pb	As	Au
# -----	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00
1	1.00	0.49	0.82	0.94	0.84	0.55	0.68	0.59	0.18	0.55	0.30	-0.55	-0.45	-0.37	-0.57 Al
2	0.49	1.00	0.38	0.33	0.51	0.25	0.72	0.29	-0.15	0.25	0.00	-0.39	-0.33	-0.34	-0.45 Ti
3	0.82	0.38	1.00	0.80	0.66	0.51	0.70	0.89	0.10	0.51	0.50	-0.33	-0.37	-0.27	-0.47 Ba
4	0.94	0.33	0.80	1.00	0.78	0.51	0.60	0.57	0.23	0.51	0.41	-0.51	-0.47	-0.38	-0.54 Mg
5	0.84	0.51	0.66	0.78	1.00	0.35	0.64	0.55	0.02	0.35	0.35	-0.53	-0.33	-0.46	-0.62 Cr
6	0.55	0.25	0.51	0.51	0.35	1.00	0.12	0.37	0.75	1.00	0.36	-0.18	0.01	0.06	-0.06 P
7	0.68	0.72	0.70	0.60	0.64	0.12	1.00	0.61	-0.32	0.12	0.15	-0.38	-0.52	-0.34	-0.55 V
8	0.59	0.29	0.89	0.57	0.55	0.37	0.61	1.00	-0.01	0.37	0.56	-0.20	-0.20	-0.23	-0.40 Mo
9	0.18	-0.15	0.10	0.23	0.02	0.75	-0.32	-0.01	1.00	0.75	0.28	0.18	0.33	0.22	0.26 Th
10	0.55	0.25	0.51	0.51	0.35	1.00	0.12	0.37	0.75	1.00	0.36	-0.18	0.01	0.06	-0.06 La
11	0.30	0.00	0.50	0.41	0.35	0.36	0.15	0.56	0.28	0.36	1.00	0.00	0.08	-0.18	-0.14 Hg
12	-0.55	-0.39	-0.33	-0.51	-0.53	-0.18	-0.38	-0.20	0.18	-0.18	0.00	1.00	0.46	0.48	0.50 Sb
13	-0.45	-0.33	-0.37	-0.47	-0.33	0.01	-0.52	-0.20	0.33	0.01	0.08	0.46	1.00	0.44	0.57 Pb
14	-0.37	-0.34	-0.27	-0.38	-0.46	0.06	-0.34	-0.23	0.22	0.06	-0.18	0.48	0.44	1.00	0.73 As
15	-0.57	-0.45	-0.47	-0.54	-0.62	-0.06	-0.55	-0.40	0.26	-0.06	-0.14	0.50	0.57	0.73	1.00 Au

EIGENVALUES AND EIGENVECTORS

Number of Input Layers Number of Principal Component Layers Input Layers

PC Layer 1.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15

Eigenvalues

286.47 71.25 11.61 0.96 0.56 0.44 0.28 0.16 0.13 0.08 0.05 0.04 0.03 0.02 0.00

Eigenvectors

Input Layer Layer

1	-0.03	0.05	0.09	-0.17	-0.26	-0.20	-0.23	0.01	-0.30	0.10	0.22	-0.23	-0.13	-0.76	0.00 Al
2	-0.02	0.02	0.04	0.00	-0.31	0.64	-0.20	-0.42	-0.14	-0.08	-0.24	-0.23	-0.35	0.10	0.00 Ti
3	-0.03	0.05	0.07	-0.57	-0.01	-0.03	-0.01	0.05	-0.08	0.16	0.06	-0.61	0.35	0.35	0.00 Ba
4	-0.03	0.06	0.10	-0.26	-0.26	-0.55	-0.29	-0.22	-0.17	-0.15	-0.01	0.31	-0.33	0.40	0.00 Mg
5	-0.19	0.20	0.94	0.17	0.10	0.03	0.01	0.05	0.06	0.01	-0.01	-0.01	0.02	0.02	0.00 Cr
6	-0.05	0.96	-0.23	0.04	0.00	0.03	0.01	0.02	0.03	0.00	0.05	0.02	0.00	0.01	0.09 P
7	-0.02	0.01	0.06	-0.27	-0.23	0.32	-0.25	-0.06	-0.06	-0.11	0.08	0.53	0.62	-0.10	0.00 V
8	-0.02	0.04	0.06	-0.64	0.25	0.17	0.35	0.12	0.02	0.16	-0.28	0.31	-0.35	-0.19	0.00 Mo
9	0.01	0.05	-0.03	0.12	0.19	-0.26	-0.17	-0.26	-0.17	0.19	-0.78	-0.04	0.30	-0.16	0.00 Th
10	0.00	0.09	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00 La
11	0.00	0.02	0.02	-0.17	0.28	-0.12	0.20	-0.54	0.23	-0.64	0.10	-0.14	0.10	-0.21	0.00 Hg
12	0.02	-0.01	-0.05	-0.09	0.61	0.12	-0.71	-0.01	0.18	0.11	0.19	0.01	-0.14	0.00	0.00 Sb
13	0.02	0.00	0.00	0.11	0.39	0.09	0.19	-0.15	-0.83	0.00	0.25	0.09	0.03	0.12	0.00 Pb
14	0.02	0.01	-0.01	-0.04	0.05	0.06	-0.19	0.61	-0.23	-0.66	-0.29	-0.11	-0.04	0.01	0.00 As
15	0.98	0.09	0.18	-0.02	-0.03	0.00	0.00	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00 Au