

# **GEOCHEMICAL REPORT**

**YMIP# 12-069**

**RAVEN 1-184 YD137501 – YD137684**

**RAVEN 185 – 292 YE74615 – YE74722**

**NTS # 106C/05**

**Latitude: 64.37° N Longitude: 133.64° W**

**Mayo Mining District**

**WORK PERFORMED: August 27,29,30,31, Sept. 1 & 23, 2012**

**By**

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# Summary

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The work completed on the RAVEN property in 2012 consisted of:

- 419 geochemical soil samples
- prospecting – total of (148 + 13 (or 14? from JP) grab samples
- handheld XRF unit for 'in situ' testing

The work was undertaken by GroundTruth Exploration acting as contractor for Shawn Ryan.

The prospecting and XRF program was completed by the following GroundTruth employees:

Chad Cote – Crew Boss / Prospector

Yoann Voyer – Exploration Technician

The soil sampling program was completed by the following GroundTruth employees:

Peter Cox – Soil Sampler

Josh Noiseux – Soil Sampler

Kyle Boggild – Soil Sampler

Soiling and prospecting took place August 27,29,30,31 & Sept. 1, 2012. Additional prospecting was done on Sept. 23, 2012.

## **1.0 Introduction**

The Raven Property has a very unique geochemical pattern that is believed to be directly related to an unmapped Wernecke Breccia body.

The main commodities sought are lead, zinc, silver, copper and gold. It is a hard rock type target. The deposit type is related to Mississippi Valley Type but may be a new hybrid that is associated with Wernecke breccias. The odd geochemistry signature may be indicating an unmapped new Wernecke Breccia system. The main rock type that work was conducted in was the Proterozoic Gillespie Group unit

## 1.1 Terms, Definitions and Units

All geographic coordinates for sample locations and property scale references are reported in the NAD83 datum and projected to Universal Transverse Mercator (UTM) Zone 8. Distances are reported in metric units, including metres (m) and kilometres (km). Any monetary references in this report are reported in Canadian dollars (CAD). Directional references are reported relative to True North. Standard elemental abbreviations are utilized when referring to analytical results, including Gold (Au), Copper (Cu). Unit abbreviations for analytical results are indicated where appropriate, including: parts per million (ppm), parts per billion (ppb), grams per tonne (g/t) and percent (%).

## 1.2 Source Documents

This report incorporates data from multiple sources including regional geochemical, geological and geophysical studies conducted by the Geological Survey of Canada and Yukon Geological Survey, available in public Open Files. Private Company data that is available in the public domain has also been utilized to create this report. Sources are listed in the references section.

## 2.0 Location and Access

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The RAVEN Claims are located 140km NE of Mayo in central Yukon Territory. The claims are centered at Lat/Long: 64.37°N, 133.64°W on NTS Mapsheet 106C/05.

The property drains primarily into the North Rackla River.

The property is only accessible via helicopter. In summer conditions, a helicopter may be based out of the Rackla airstrip (25km to the SE of the property). The Rackla airstrip is a gravel (summer only) strip that can accommodate a variety of aircraft. ATAC Resources utilizes this airstrip as the primary way of supplying their Rackla Gold project and the 2012 season saw them using this airstrip for daily Short SC7 SkyVan flights out of Mayo. Mayo is 150km to the SE of the Rackla airstrip.

In the winter, access is via helicopter and a machine can be based at TransNorth Helicopters in Mayo (140km SW of the RAVEN).

See Figure 1 – RAVEN Locator Map.

### 3.0 Property Description

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The RAVEN claims consist of 292 contiguous quartz claims in the Mayo Mining District acquired in accordance with the Yukon Quartz Mining Act. The claims are registered in the name of, and owned 100% by Shawn Ryan.

Table 1 – RAVEN Property: List of Claims (retrieved 12/24/12)

| Claim Name/No. | Grant Number | Owner             | Expiry    | Status | No. of Claims |
|----------------|--------------|-------------------|-----------|--------|---------------|
| RAVEN 1-184    | YD137501-684 | Shawn Ryan - 100% | 1/14/2013 | Active | 184           |
| RAVEN 185-292  | YE74615-722  | Shawn Ryan - 100% | 1/14/2013 | Active | 108           |

See Figure 2 – RAVEN Claims Map.

### 4.0 Physiography

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The RAVEN property has elevations which range from 3100ft to 7600ft and is almost entirely above the tree line. Dwarf birch (“buckbrush”) is prevalent on the property and sub-alpine fir are sparsely distributed. Willows can be found in creeks and drainages. Lichen and moss are covering part of the talus and other exposed rock on the property.

The RAVEN Project area has a summer mean of approx., 10 degrees Celsius and winter mean temperature of approx.. -20 degrees Celsius. Summer temperatures can reach up to +32°C and winter temperatures can drop to -55°C.

See FIGURE 3 – RAVEN Physiography.

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## 5.0 Regional Geology

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The RAVEN property is located in the North America-Platformal Strata terrane and covers three distinct rock units that describe from the GSC geology map as Proterozoic Gillespie Group IPG, and Middle Proterozoic Hart River volcanics and sills (mPH) and Pinguicu basal shale to silty dolomites (mPPFI).

### MIDDLE PROTEROZOIC



mPPFI

#### mPPFI: PINGUICULA/FIFTEEN MILE (LOWER)

dominantly carbonate assemblage with basal clastics comprising two regionally correlated units (1) and (2); includes possible other correlative carbonate, clastic and volcanic rocks (3) and (4)

- 
2. basal shale to silty dolomite; medium to thick bedded dolomitic mudstone and dolostone breccia, massive dolostone; medium-bedded dolostone with mudstone interbeds; dolostone breccia, oolitic packstone and uncommon stromatolitic dolostone (**Fifteen Mile Gp. (lower)**)



mPH

#### mPH: HART RIVER

mafic volcanic flows (1) and (3) and their possible intrusive equivalents (2)

- 
2. resistant dark weathering diorite and gabbro sills and dikes (**Hart River Sills**)

### LOWER PROTEROZOIC



IPG

#### IPG: GILLESPIE LAKE

dolostone and silty dolostone, locally stromatolitic, locally with chert nodules and sparry karst infillings, interbedded with lesser black siltstone and shale, laminated mudstone, and quartzose sandstone; local dolomite boulder conglomerate (**Gillespie Lake Gp.**)

See FIGURE 4 – RAVEN Geology Map.

## 6.0 Property History

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There is no historical work other on the RAVEN other than a regional soil program undertaken a few years back by Shawn Ryan. The regional soil work has proven an interesting mineralized system that has to do with the same regional pattern seen on the OG property north west of Dawson City, which has an association of lead zinc mineralization and the Wernecke Breccias.

There are no historical MINFILE occurrences on the RAVEN property; there are two just outside of the claim block boundaries.

- **MINFILE# 106C 001** - Kohse

This occurrence is located just outside the northeast boundary of the RAVEN claim block. From MINFILE:

The region is underlain by a metamorphosed and altered sequence of Early Proterozoic Wernecke Supergroup clastic and carbonate rocks (Fairchild Lake Group, Quartet Group and Gillespie Lake Group, from oldest to youngest) that are intruded by Early to Middle Proterozoic mafic sills and dykes, and cut by Middle Proterozoic Wernecke Breccia. To the east, Wernecke Supergroup rocks are unconformably overlain by Middle Proterozoic Pinguicula Group rocks.

Weak copper mineralization is associated with Middle Proterozoic Hart River diorite dykes cutting Gillespie Lake dolostone in Kohse Creek.

- **MINFILE# 106C 083** - Vera

This occurrence is located approximately 5km south-southwest of the southern border of the RAVEN property. The VERA deposit is a Silver-Lead-Zinc deposit that occurs in strongly jointed dolomite originally assigned to the mid-Proterozoic Gillespie Group. Reserves in 1981 were estimated at 628 978 tonnes averaging 303.08 g/t silver, 1.91% lead and 1.75% zinc. The 1984 drilling reportedly expanded the potential reserves to 1.36 million tonnes.

See FIGURE 4 – RAVEN Geology Map.

## 7.0 2012 Exploration Program

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### **Field Program Summary**

This report summarizes the results of the geochemical soil sampling program and prospecting conducted on the RAVEN property during August/September of 2012. These exploration programs were contracted to Ground Truth Exploration Inc. of Dawson, YT.

Soil Sampling occurred August 27,29,30,31 & Sept. 1, 2012. There were 419 soil samples collected on this survey by a crew of 3 samplers, all samples were within the claim boundaries.

A soil grid totaling 7.6 line-kilometers was completed on the eastern side of the property within the Pinguicula rocks. This grid was done with 100m line spacing with 50m station intervals. A recce ridge & spur and contour soil sampling program was also conducted near the center of the property. Soil samples were taken at elevations ranging from 3900ft to 6300ft. This area is characterized by very little vegetative cover.

A prospecting program was conducted concurrently with the soiling program, a prospector and assistant utilized the other two seats available in the soil sampling load in an ASTAR D2-350 helicopter.

A total of 5 prospecting traverses were walked concurrent with the soil sampling program. A second prospecting program was conducted on Sept. 23 by Jean Paulter. A total of 160 grab samples were taken and sent for assay.

See FIGURE 5 – Sample Location Map

## 7.0 Survey and Analytical Method

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### 7.1 Soil Sampling

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

A field duplicate sample is taken once for every 50 samples. Both samples are given unique Sample identification number. Samples are taken from two separate locations with 1m of each other. The data for both samples is recorded and a note is made indicating the duplicate and its corresponding sample identification number.

The GPS location of the sample site is recorded with a Garmin GPSMap 60cx or 76cx GPS device in UTM NAD 83 format, and the waypoint is labeled with the project name and the sample identification number.

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

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

## **7.2 Prospecting and XRF**

A total of 5 prospecting traverses were walked on the property. Grab samples were obtained and then laid out on a sheet of plastic with scale bar/color card, a photo is taken, descriptive data entered, a barcode is assigned and scanned. The sample is then bagged in its own 12"x20" plastic ore bag. A barcode tag is attached to the outside and duplicate barcode tag is placed in with the sample. Some of the rock material that is not retained for assay is left at the location, wrapped in flagging tape with the date, technician's name, sample ID and brief descriptive data.

An Innovx DELTA handheld XRF was used on one day (Aug.27) for 'in situ' testing. Due to unforeseen technical difficulties, the device had to be returned to the manufacturer for servicing and was not used beyond the first day on the property.

The XRF was being used to analyze rock grab samples for the concentration of base metals in order to obtain almost instantaneous results to help maximize the quality of rock samples being sent for analysis and the time spent prospecting.

## **7.3 Sample Preparation and Analysis**

Soil samples were processed by Acme Labs (ISO 9001-2000 accredited) in Vancouver with Aqua Regia digestion and analyzed with ICP-MS for 36 elements (Acme Labs 1DX-15 gram). Samples are Dried at 60°C, sieved at -80 mesh.

Rock samples were processed by Acme Labs in Vancouver.

## 8.0 Interpretation - Model Style

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The Raven soil anomaly is anomalous in many elements and I think we might have a couple of different styles of mineralization overprinting the same property.

I reviewed various Property assessment reports that might come close but it seems that the Raven geochemistry might be distinct or may have a couple of different style of mineralization that is overprinted each other. The first thought was a potential Nickel Sedex target based on the anomalous geochemical signature (Zn, Mo, Sb, As and Ni) but there is no known Road River or Earn group mapped out close to the property and our highest zinc anomalies are also extremely high in lead so that settle that thought.

The next potential idea was The GSC has mapped Proterozoic Gillespie Group, dolomites and such I reviewed an interesting assessment report #093193, the Jolly Property. Here Kennecott was following up on interesting soil and rock mineralization in the Proterozoic Gillespie Group dolomites. The mineralization consists of lead, zinc and silver. I reviewed there soil geochemistry data and it their soil geochemistry signature is close but it seems like the Raven has higher values in elements such as Mo, As, Ni, Sb, V, Cu, Cd, Al and lower elements in Mg.

The second potential model is a "Hart River Mine" style describe as a Besshi Massive Sulphide Cu-Zn anomalous in Ag, Au, Cu, Pb, and Zn (Yukon Geology MineFile 116A 009). Here the geology and anomalous geochemical elements are very close to the same. All though the mineralization is describe in Minfile average 3.6% Zn, 1.45% Cu, .9% Pb, 49 g/t Ag, and 1.41 g/t Au. The Raven soil geochemical Spearman correlation is only .5 for copper and zinc but this could be a product of regional zoning?

The third model is the closest in the area and it's the Vera Deposit situated 9 kilometers to the south west from the center of the soil anomaly. It would seem to be a good fit with having high lead, zinc and silver values but it seems that were it ends. I plotted a soil comparison page in excel of both properties; I looked at the highest zinc values on each property. As you can see the Raven has extremely high copper, molybdenum, nickel, cobalt, iron, cadmium, vanadium, scandium, mercury, selenium and minor gold. The only elements that the Vera exceeded the Raven were in silver and slightly in antimony.

The last potential model when we only look at the anomalous soil geochemistry and its correlation (Spearman Rank Correlation Figure) we can see that copper best correlates with Co (.74), Ni (.67), Au (.67), Fe(.64) and As (.58). This geochemical signature is starting to look like an Iron Oxide Cooper-Gold Model.

We can also see a distinct zinc, lead, cadmium and silver geochemical correlation. So I do believe we have at least two distinct anomalous soil populations that should be evaluated as potentially two very different model types.

## 8.0 Interpretation – Soil Geochemistry

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I have created numerous figures to help with the soil interpretation. The first model is the base metal zinc, lead and silver mineralization. I plotted the Zinc Map (Figure 6), here we see a wide spread soil anomaly covering roughly 5000 meters by 5000 meters with values reaching a high of over 10,000 ppm. Lead (Figure 7) indicates the same pattern and values reach up to the detection limit of 10,000 ppm. The silver anomaly is a little more restricted with highs of 23 ppm and not surprising show's up with the high zinc and Lead values (Figure 8).

The next round of figures I concentrated on a group of anomalous elements. Figure 9 plots the anomalous copper, values reached up to 4,773 ppm. Here we can see a distinct Cu soil anomaly appearing in the central north part of the property.

The next Figure #10 is the anomalous molybdenum map, this is very unique as values reach up to 189 ppm Mo and its best correlation element is Uranium and arsenic (Spearman Rank Correlation). The Moly anomaly seems to be centered more in the center part of the property and not associated with copper or zinc as one would expect?

The next Figure # 11 is the anomalous arsenic map. Arsenic is one of the best elements that correlates with a wide group of elements (Spearman Rank Correlation Figure). Here we can see arsenic's best correlation is Ni (.73), Sb (.64), Mo (.63) and U and Fe both at (.61) correlation. Arsenic values reached up to 804 ppm.

The next Figure # 12 is the anomalous gold map. Here we have gold values reaching up to 1,366 ppb Au and the 90 percentile was around 10 ppb for the entire property. So all the gold in the figures that I plotted is 12 ppb and up. The anomalous gold's best correlation is Cu (.67) As (.55), Ni (.52) and Co (.51).

The next Figure # 13 is the anomalous Bismuth Map. I thought it would be interesting and may pick up a distinct target but it seems like bismuth is hanging out with the high silver anomalies. Values reached up to 184 ppm Bi.

Figure 14 is the Iron anomaly map. Here we can see a nice extreme anomaly (Iron over 6%) over the center ridge zone. Values reached up to 26 % iron. I thought at first this high iron may be related to the magnetic high anomaly but the anomalous iron covers both the magnetic low and magnetic high area. Interesting the iron's best correlation elements are Co (.65), Cu (.64), As (.61) and Ni (.56).

Figure # 15 is the Cobalt anomaly map. Here we can see it is following the same general patterns as Iron (Figure 14) and Copper (Figure 9). Cobalt's best correlation in the Spearman Rank Correlation Figure indicates Cu (.74), Ni (.66), Fe (.65), As (.53) and gold at (.51).

Figure # 16 is an interesting map where I plotted the top 90% of Copper (377ppm), Cobalt (61 ppm) and Nickel (94 ppm) in MapInfo sub Geochem menu. Here we used the Trivariate Point Classification function and plotted out the three anomalous elements and we can see a nice distinct population of anomalous elements in the northern part of the central ridge.

Figure # 17 I created the same kind of map as Figure #16 except I change the elements to 90% of Zinc (1384 ppm), Lead (491 ppm) and Silver (1.8 ppm). This map demonstrated how the zinc-lead-silver mineralization is in three distinct zones and mostly sitting outside of the copper-cobalt style target.

Figure # 18 re-enforce the zoning pattern seen in Figure # 17 where I plotted the same 90% anomalous element Zn, Pb and Ag over the anomalous copper values. We can clearly see a zoning pattern with the copper being in the central northern part of the ridge and the zinc- lead- silver anomalies sitting outside of the anomalous copper zone.

Figure # 19 is the same map as Figure 18 except I added the GSC magnetic map as the background. Here we can see how the anomalous copper zone is sitting in a magnetic low.

Figure # 20 is the same map as Figure 18 except I added the GSC geology map as the background. Here we can see that the anomalous copper zone is sitting in the Hart River volcanics.

Figure # 21 and # 22 are two Figures with the 90% of anomalous values in Copper (377ppm), Cobalt (61ppm) and this time I added Gold (10.9ppb). Again it highlighted how most of the anomalous elements are sitting in the magnetic low (Figure 21) and in the Hart River volcanic (Figure 22).

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## 8.0 Interpretation – Rock Assays

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### Rock Sampling Interpretation

| Spearman Raven Rock Correlation from 160 Rock Samples |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Spearman  | Cu_ppm | Ag_ppm | Pb_ppm | Zn_ppm | Cd_ppm | As_ppm | Sb_ppm | Hg_ppm | Fe_pct | Ni_ppm | Co_ppm | Au_ppb | Se_ppm | Mo_ppm |
| Cu_ppm  | 1      | 0.75   | 0.38   | 0.32   | 0.3    | 0.25   | 0.36   | 0.43   | 0.16   | 0.03   | 0.29   | 0.49   | 0.5    | -0.06  |
| Ag_ppm  | 0.75   | 1      | 0.67   | 0.6    | 0.6    | 0.56   | 0.6    | 0.69   | 0.14   | 0.054  | 0.19   | 0.48   | 0.54   | 0.072  |
| Pb_ppm  | 0.38   | 0.67   | 1      | 0.75   | 0.75   | 0.54   | 0.57   | 0.72   | 0.12   | 0.21   | 0.078  | 0.33   | 0.47   | 0.18   |
| Zn_ppm  | 0.32   | 0.6    | 0.75   | 1      | 0.94   | 0.56   | 0.53   | 0.81   | 0.18   | 0.22   | 0.13   | 0.18   | 0.28   | 0.077  |
| Cd_ppm  | 0.3    | 0.6    | 0.75   | 0.94   | 1      | 0.59   | 0.55   | 0.81   | 0.06   | 0.14   | 0.032  | 0.13   | 0.25   | 0.086  |
| As_ppm  | 0.25   | 0.56   | 0.54   | 0.56   | 0.59   | 1      | 0.71   | 0.49   | 0.21   | 0.3    | 0.09   | 0.36   | 0.39   | 0.38   |
| Sb_ppm  | 0.36   | 0.6    | 0.57   | 0.53   | 0.55   | 0.71   | 1      | 0.54   | 0.18   | 0.14   | 0.061  | 0.41   | 0.47   | 0.31   |
| Hg_ppm  | 0.43   | 0.69   | 0.72   | 0.81   | 0.81   | 0.49   | 0.54   | 1      | 0.094  | 0.12   | 0.12   | 0.28   | 0.41   | 0.012  |
| Fe_pct  | 0.16   | 0.14   | 0.12   | 0.18   | 0.06   | 0.21   | 0.18   | 0.094  | 1      | 0.39   | 0.59   | 0.28   | 0.22   | 0.025  |
| Ni_ppm  | 0.03   | 0.054  | 0.21   | 0.22   | 0.14   | 0.3    | 0.14   | 0.12   | 0.39   | 1      | 0.54   | 0.29   | 0.33   | 0.34   |
| Co_ppm  | 0.29   | 0.19   | 0.078  | 0.13   | 0.032  | 0.09   | 0.061  | 0.12   | 0.59   | 0.54   | 1      | 0.26   | 0.25   | -0.21  |
| Au_ppb  | 0.49   | 0.48   | 0.33   | 0.18   | 0.13   | 0.36   | 0.41   | 0.28   | 0.28   | 0.29   | 0.26   | 1      | 0.62   | 0.28   |
| Se_ppm  | 0.5    | 0.54   | 0.47   | 0.28   | 0.25   | 0.39   | 0.47   | 0.41   | 0.22   | 0.33   | 0.25   | 0.62   | 1      | 0.33   |
| Mo_ppm  | -0.06  | 0.072  | 0.18   | 0.077  | 0.086  | 0.38   | 0.31   | 0.012  | 0.025  | 0.34   | -0.21  | 0.28   | 0.33   | 1      |

I put the 160 rock samples through the ioGas Program and did a Spearman Rank Correlation on the data set. Here we see that copper best correlates with silver (.75), Se (.5) followed by gold (.49). Interesting that the rock samples don't even come close to the soil correlation table where we see copper in soils having high correlation with arsenic (.71), Ni (.74), Co (.73), Fe (.63) and it did come close to matching the gold at (.51).

I could only assume this difference is based on a sample population and more rock samples need to be gathered before any more real interpretation can be taken.

# Copper Rocks

| Raven Highest Copper Rock Samples 2012 Sampling |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SampleID  | au_ppb | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | cd_ppm | sb_ppm | ca_pct | hg_ppm |
| 1264684   | 29     | 10000  | 489.9  | 4658   | 17.9   | 4.5    | 17.4   | 41     | 3.44   | 81.4   | 19.1   | 3.7    | 0.01   | 1.97   |
| 1369711   | 14     | 10000  | 6.7    | 83     | 38     | 1.9    | 17.4   | 6184   | 9.78   | 0.25   | 0.6    | 1.8    | 11.25  | 0.04   |
| 1369725   | 23     | 10000  | 2846   | 10000  | 100    | 243.6  | 28.5   | 5778   | 9.04   | 10000  | 132.6  | 2000   | 14.11  | 1.19   |
| 1360478   | 43     | 10000  | 864.7  | 4051   | 77.8   | 193.2  | 33.9   | 1868   | 5.93   | 430    | 24.7   | 27     | 9.68   | 0.43   |
| 1360486   | 44     | 10000  | 7081.3 | 10000  | 100    | 29.1   | 16.7   | 10000  | 11.5   | 2154.2 | 276.3  | 2000   | 8.94   | 3.84   |

To note (Table above) that the highest copper rock samples had high zinc, silver arsenic, iron, cadmium, antimony and only minor cobalt and nickel values.



Photo of high Copper Sample # 1360486

# Silver Rocks

| Raven Highest Silver Rock samples 2012 sampling |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SampleID  | au_ppb | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | mn_ppm | fe_pct | as_ppm | cd_ppm | sb_ppm | bi_ppm | ca_pct | hg_ppm |
| 1369725   | 23     | 10000  | 2846   | 10000  | 100    | 243.6  | 5778   | 9.04   | 10000  | 132.6  | 2000   | 0.9    | 14.11  | 1.19   |
| 1360486   | 44     | 10000  | 7081.3 | 10000  | 100    | 29.1   | 10000  | 11.5   | 2154.2 | 276.3  | 2000   | 525.4  | 8.94   | 3.84   |
| 1363824   | 3      | 15.7   | 3283.8 | 10000  | 100    | 17     | 10000  | 37.99  | 319.8  | 45.5   | 19.6   | 0.4    | 0.27   | 0.21   |
| 1360478   | 43     | 10000  | 864.7  | 4051   | 77.8   | 193.2  | 1868   | 5.93   | 430    | 24.7   | 27     | 1.8    | 9.68   | 0.43   |
| 1264659   | 7      | 10.5   | 83.7   | 1411   | 76.4   | 972.6  | 3449   | 4.45   | 4009.8 | 4.9    | 1.8    | 0.2    | 8.86   | 0.93   |
| 1369724   | 17     | 714.6  | 10000  | 10000  | 72.2   | 29.9   | 162    | 0.89   | 214.5  | 1548   | 27.3   | 0.05   | 0.11   | 13.36  |
| 1394499   | 11     | 1871.7 | 10001  | 6392   | 60.2   | 4.4    | 55     | 1.89   | 6.3    | 36.1   | 30.4   | 13.6   | 0.09   | 1.05   |
| 1360485   | 1      | 2919.7 | 211.3  | 6184   | 47.5   | 10.3   | 4126   | 4.41   | 555.3  | 31.6   | 652.9  | 0.05   | 10.04  | 0.21   |
| 1369711   | 14     | 10000  | 6.7    | 83     | 38     | 1.9    | 6184   | 9.78   | 0.25   | 0.6    | 1.8    | 0.05   | 11.25  | 0.04   |

I plotted the highest silver rock assays (Table Above) from the 2012 rock sampling program and here we can see are 3 highest silver values exceeding the 100 g/t limit also exceeded the 10,000 zinc limits. Two of these samples also exceeded the limits in copper (10,000 ppm +) and antimony (2000 ppm +). One sample exceeded the limits in arsenic (10,000 ppm ). Also to note that the two highest samples are very anomalous in iron, lead , cadmium, bismuth and calcium.



Photo of high Silver Sample # 1369725

# Zinc Rocks

| Raven Highest Zinc Rocks Samples 2012 Sampling |        |        |        |        |        |        |        |        |        |        |        |        |       |        |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| SampleID                                       | au_ppb | cu_ppm | pb_ppm | zn_ppm | ag_ppm | fe_pct | as_ppm | cd_ppm | sb_ppm | bi_ppm | ca_pct | hg_ppm | s_pct | se_ppm |
| 1298630  | 5      | 171    | 218.6  | 10001  | 1.9    | 2.78   | 6.1    | 359.6  | 1.2    | 0.4    | 4.47   | 11.74  | 4.26  | 21.6   |
| 1369725  | 23     | 10000  | 2846   | 10000  | 100    | 9.04   | 10000  | 132.6  | 2000   | 0.9    | 14.11  | 1.19   | 2.95  | 42     |
| 1360486  | 44     | 10000  | 7081.3 | 10000  | 100    | 11.5   | 2154.2 | 276.3  | 2000   | 525.4  | 8.94   | 3.84   | 1.98  | 4.5    |
| 1363824  | 3      | 15.7   | 3283.8 | 10000  | 100    | 37.99  | 319.8  | 45.5   | 19.6   | 0.4    | 0.27   | 0.21   | 0.025 | 0.25   |
| 1369724  | 17     | 714.6  | 10000  | 10000  | 72.2   | 0.89   | 214.5  | 1548   | 27.3   | 0.05   | 0.11   | 13.36  | 1.88  | 11.8   |
| 1369723  | 5      | 443.2  | 3317.2 | 10000  | 22.8   | 1.63   | 183    | 1707.8 | 8.5    | 0.05   | 1.15   | 11.66  | 2.63  | 13.5   |
| 1369643  | 8      | 422.7  | 1340.5 | 10000  | 20.8   | 2.42   | 172    | 1413.6 | 34.2   | 0.1    | 3.5    | 7.64   | 7.42  | 0.6    |
| 1369649  | 79     | 2317.6 | 10000  | 10000  | 11.1   | 9.82   | 248.9  | 78.5   | 14.8   | 0.7    | 13.38  | 0.29   | 3.16  | 12.9   |
| 1360488  | 4      | 348.1  | 259.9  | 10000  | 6.4    | 2.58   | 59.7   | 1525.9 | 18.3   | 0.05   | 6.63   | 3.9    | 5.9   | 1.2    |
| 1264676  | 6      | 156    | 53.1   | 10000  | 2.2    | 4.25   | 37     | 454.3  | 3.6    | 0.05   | 8.44   | 1.66   | 2.65  | 1.2    |
| 1360683  | 1      | 135.5  | 70.5   | 10000  | 1.9    | 6.31   | 35.2   | 363.3  | 10     | 0.05   | 13.13  | 1.56   | 1.73  | 0.25   |
| 1360476  | 1      | 32     | 79.2   | 10000  | 1.7    | 6.99   | 33.4   | 111.9  | 1      | 0.05   | 15.91  | 0.52   | 0.45  | 0.25   |
| 1264654  | 1      | 47.9   | 36.3   | 10000  | 1.6    | 5.12   | 68     | 112.7  | 2.4    | 0.05   | 10.56  | 0.43   | 0.53  | 0.25   |
| 1369644  | 4      | 68.2   | 120.8  | 10000  | 1.1    | 4.72   | 79     | 194.8  | 1.7    | 0.05   | 8.8    | 1.47   | 1.87  | 0.7    |
| 1360253  | 10     | 179.8  | 500.3  | 10000  | 1      | 1.84   | 16     | 42.9   | 2.7    | 0.05   | 2.05   | 1.25   | 1.18  | 3      |
| 1264663  | 1      | 20.4   | 46.5   | 10000  | 0.3    | 7.22   | 14.6   | 28.3   | 3.5    | 0.1    | 15.68  | 0.73   | 0.21  | 0.25   |

The table above highlights the highest values in the summer rock sampling program. You can see a nice correlation with silver, lead and cadmium. Anomalous values were seen in copper, iron, antimony, calcium, and mercury.



Photo of high Zinc Sample # 1369724

## 9.0 Recommendation

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I would recommend completing soil grids over the western zinc, lead silver anomaly (Figure 6, 7, and 8). The grid can be roughly 1000 meters by 1000 meters with lines on 100 spacing and soils on 50 meters station spacing. A second soil grid would be recommended to cover to western copper soil anomaly (Figure 9,22) a grid could be established to cover an area 1500 meters east west by 1200meters north south. Some lines are already in there but they are on 200 meter line spacing, the new grid work can cover the area mist by previous soil work. The final recommendation would be to prospect both proposed grid areas with a working XRF and try to pin done the cause of the soil anomalies.

## 10.0 Statement of Expenditures

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### Assay Cost

419 soils @ \$19.19 per sample comes to \$8,042.00

160 Rock samples @ \$21.66 per sample comes to \$3,466.00

### Helicopter Cost

Soil and prospecting work

Astar D2 for 10 hours @ \$1,850.00 per hour \$18,500.00

Property visit with geologist

Astar D2 for 3.5 hours @ \$1,850.00 per hour \$6,475.00

### Contractor

GroundTruth Exploration \$11,847.69

JP Exploration Services \$934.50

Report Writing/ Figures Groundtruth Exploration \$1,000.00

**Total \$50,264.50**

## 11.0 References

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**Regional Geology:** Gordey, S.P. and Ryan, J.J., 2005, Geology, Stewart River (115NO), Yukon; Geological Survey of Canada, Open File 4970, 1 coloured map, scale 1:250,000

**Regional Stream Geochemistry:** Heon, D. (compiler), Yukon Regional Geochemical Database 2003, [http://www.geology.gov.yk.ca/databases\\_gis.html](http://www.geology.gov.yk.ca/databases_gis.html)

**Yukon Minfile Occurrences:** <http://data.geology.gov.yk.ca/>

**Mineral Titles:** Yukon Mining Recorder, Mining Claims Database – [www.yukonminingrecorder.ca](http://www.yukonminingrecorder.ca)

**Topographic data:** NR Canada, CanVec Topographic Database- [www.geogratis.ca](http://www.geogratis.ca)

Additional review of various published scientific and reporting papers on the geology and mineral deposits of the region for indirect reference.

# Appendix I: Statement of Qualifications

I, Shawn Ryan, having my place of residence at Box 213 in Dawson City, Yukon Territory do hereby certify that:

I run a small exploration company and have been prospecting in the Yukon for the last 16 years.

I have been working in the exploration business for the last 30 years, working as a geophysical operator in Ontario, Quebec, Yukon and the North West Territory.

I have directed the work program referred to in this technical report.

I own 100% of the Raven Claims

Respectfully Submitted on this 31<sup>th</sup> day of January, 2013

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Shawn Ryan

# Soil Comparison Chart

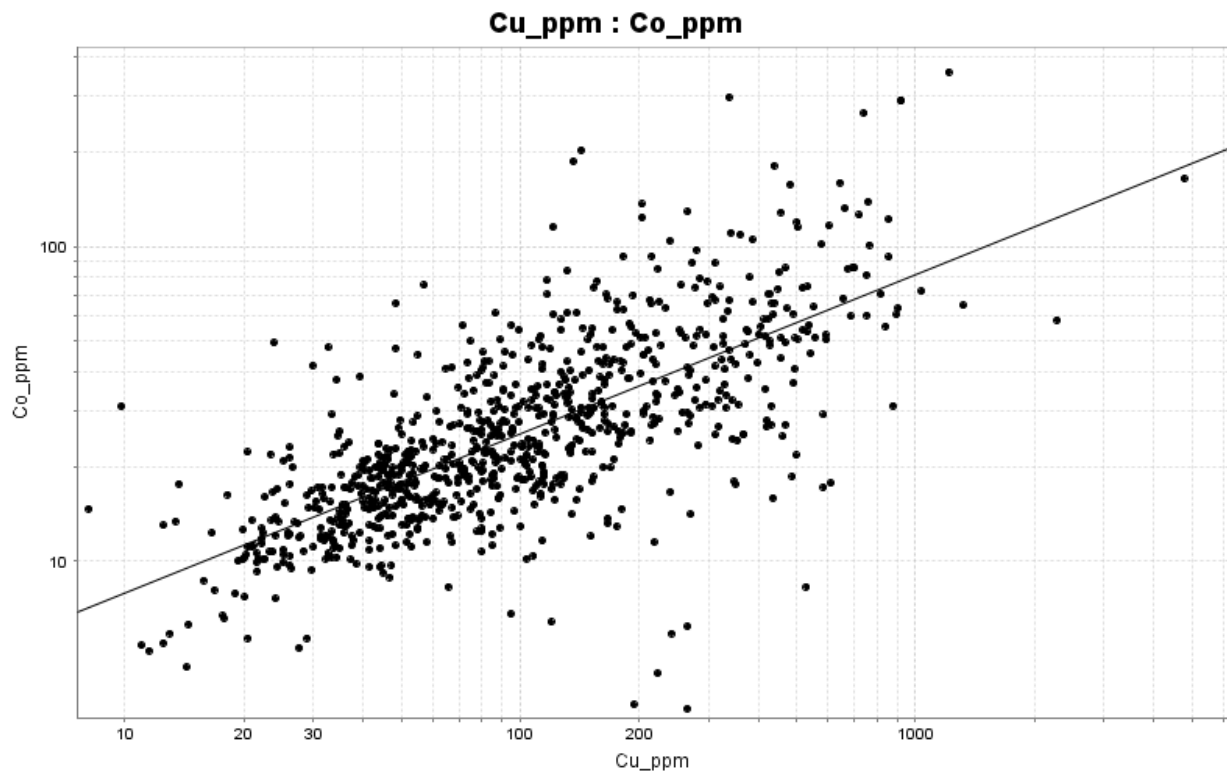
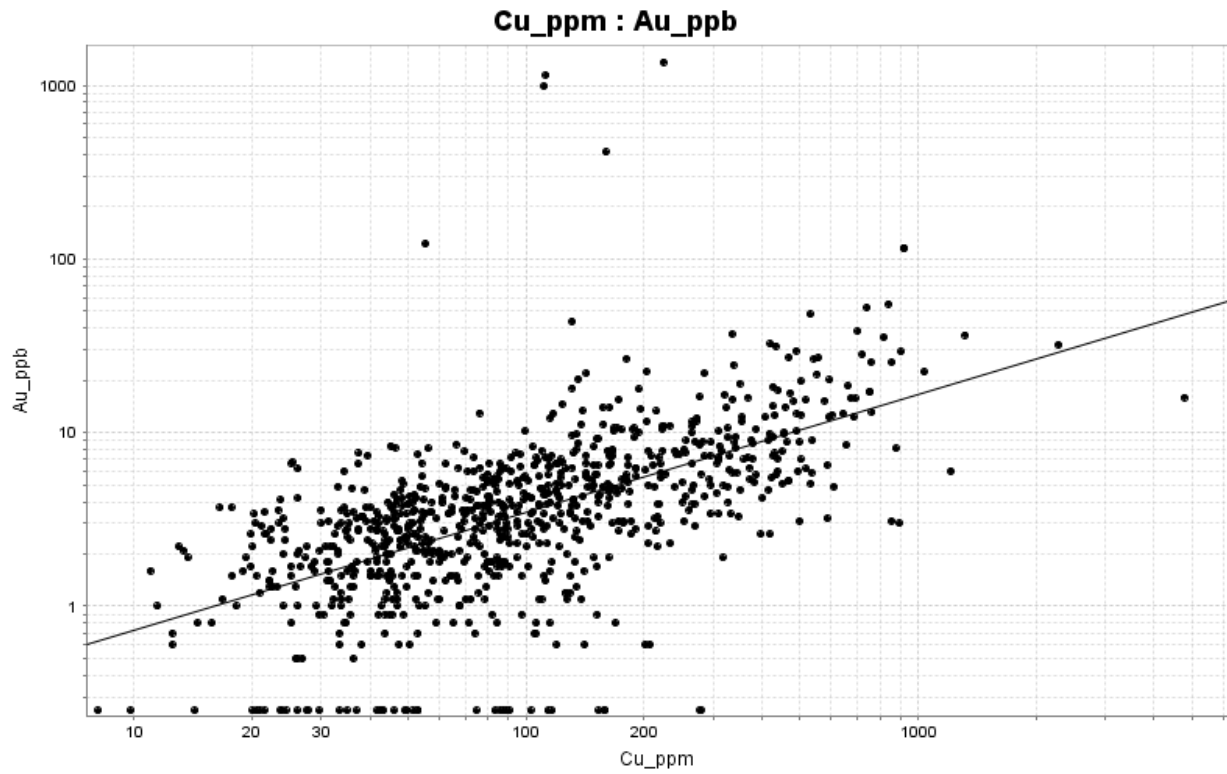
Soil Comparison of the Raven Property (RAV) to the Vera Deposit (VER)

| sample_id | project | mo   | cu    | pb     | zn    | ag   | ni    | co    | mn    | fe_pct | as    | au   | cd    | sb   | bi   | v   | hg   | sc   | se   |
|-----------|---------|------|-------|--------|-------|------|-------|-------|-------|--------|-------|------|-------|------|------|-----|------|------|------|
| 1098750   | RAV     | 4    | 55.2  | 558.8  | 10000 | 0.9  | 96.1  | 45.5  | 3840  | 7.94   | 156.6 | 3.4  | 28.3  | 2.6  | 0.2  | 89  | 0.14 | 16.4 | 1.3  |
| 1098752   | RAV     | 189  | 762.6 | 1135.5 | 10000 | 4.9  | 521.2 | 101.3 | 5725  | 14.77  | 654.9 | 13.1 | 26.9  | 37.5 | 2.7  | 98  | 0.29 | 7.5  | 16.2 |
| 1098756   | RAV     | 8.6  | 456.3 | 4220.9 | 10000 | 7.1  | 197.2 | 128.8 | 2951  | 11.55  | 277.9 | 10   | 38.1  | 4.7  | 0.3  | 204 | 1.05 | 32.4 | 3.8  |
| 1363800   | RAV     | 2.6  | 920.2 | 1106.8 | 10000 | 23.3 | 207.1 | 291.3 | 2631  | 19.6   | 50.4  | 116  | 291.7 | 11.4 | 5.5  | 19  | 29.3 | 7.6  | 80.5 |
| 1363814   | RAV     | 19.4 | 418.5 | 460    | 10000 | 3.9  | 137   | 26.7  | 10000 | 20.06  | 162.3 | 2.6  | 54.2  | 13.6 | 2.6  | 71  | 0.98 | 52.2 | 1.8  |
| 1360131   | RAV     | 2    | 180.6 | 2419   | 10000 | 5.1  | 63.1  | 40.6  | 7273  | 9.93   | 50    | 5.4  | 49.2  | 46.9 | 0.1  | 112 | 0.49 | 29.4 | 0.7  |
| 1360619   | RAV     | 11.4 | 855.5 | 338.7  | 10000 | 2.6  | 112.6 | 122.1 | 1828  | 7.22   | 48.1  | 3.1  | 33.6  | 2.2  | 0.4  | 180 | 1.35 | 24.9 | 5.3  |
| 1360650   | RAV     | 0.9  | 131.2 | 10000  | 10000 | 16   | 30.5  | 83.7  | 1126  | 2.75   | 12.7  | 18.1 | 78.3  | 20   | 0.5  | 34  | 4.56 | 1.7  | 3.4  |
| 1363864   | RAV     | 13.7 | 147.9 | 1553   | 10000 | 11.4 | 67.8  | 29.1  | 8511  | 7.72   | 236.4 | 5.3  | 54.5  | 28.3 | 6.9  | 39  | 0.1  | 6.7  | 2    |
| 1098757   | RAV     | 68.3 | 265.5 | 1225.3 | 8288  | 2.2  | 497   | 129.2 | 4835  | 17.5   | 564.5 | 10.9 | 42.3  | 13.6 | 2.4  | 140 | 0.27 | 8.7  | 5.6  |
| 1360665   | RAV     | 1.3  | 1211  | 3069   | 8280  | 7.4  | 89.5  | 359.1 | 4156  | 14.34  | 54.9  | 6    | 44    | 12   | 0.2  | 151 | 0.66 | 19   | 4.9  |
|           |         |      |       |        |       |      |       |       |       |        |       |      |       |      |      |     |      |      |      |
| VER01238  | VER     | 2    | 184.2 | 3133.2 | 8901  | 75.2 | 31.3  | 14.3  | 4793  | 6.22   | 284.7 | 6.3  | 39.9  | 107  | 16.5 | 30  | 0.19 | 4.2  | 0.7  |
| VER00884  | VER     | 1.8  | 96.3  | 554.3  | 5301  | 58.9 | 31.9  | 13.9  | 2412  | 4.52   | 46.8  | 4.4  | 19.7  | 61.1 | 0.6  | 37  | 0.17 | 5.4  | 0.9  |
| VER01237  | VER     | 1.5  | 172.9 | 2651.6 | 4135  | 70.1 | 27.6  | 14.1  | 3440  | 5.05   | 179.9 | 3.7  | 18.3  | 74.4 | 8.3  | 25  | 0.18 | 4.2  | 0.8  |
| VER00883  | VER     | 1.4  | 46.6  | 308.2  | 3007  | 4.7  | 28.5  | 14.4  | 1511  | 3.88   | 47.7  | 3.1  | 8.9   | 8.1  | 0.6  | 39  | 0.09 | 3.7  | 0.25 |
| VER01236  | VER     | 2.5  | 112.9 | 3777.6 | 2490  | 36.4 | 35.1  | 16.8  | 1993  | 4.81   | 166.7 | 5.9  | 14.9  | 97.1 | 3.9  | 30  | 0.1  | 4.8  | 0.9  |
| VER01258  | VER     | 2.1  | 52.8  | 223.9  | 1603  | 5.7  | 45    | 17.4  | 1854  | 3.92   | 50    | 3.8  | 4.5   | 11.7 | 0.6  | 29  | 0.1  | 4.5  | 0.8  |
| VER01252  | VER     | 1.5  | 34.7  | 787.3  | 1558  | 7.2  | 37.1  | 12.3  | 7519  | 7.33   | 23.5  | 3.4  | 8.2   | 9.1  | 0.4  | 37  | 0.2  | 6.2  | 1.1  |
| VER00877  | VER     | 1.8  | 45.7  | 242.4  | 1531  | 3    | 32    | 12.9  | 1453  | 3.68   | 37.5  | 4.8  | 3.4   | 7.1  | 0.5  | 29  | 0.09 | 4.2  | 0.8  |
| VER01247  | VER     | 1.5  | 50.8  | 245.8  | 1482  | 12.7 | 28.1  | 12.7  | 1599  | 3.9    | 34.9  | 3.3  | 4.7   | 15.2 | 0.4  | 31  | 0.11 | 4.5  | 0.8  |
| VER01247  | VER     | 1.5  | 49.6  | 241.9  | 1481  | 12.5 | 28.7  | 12    | 1584  | 3.82   | 34    | 4.2  | 4.7   | 14.6 | 0.4  | 30  | 0.1  | 4.2  | 0.7  |

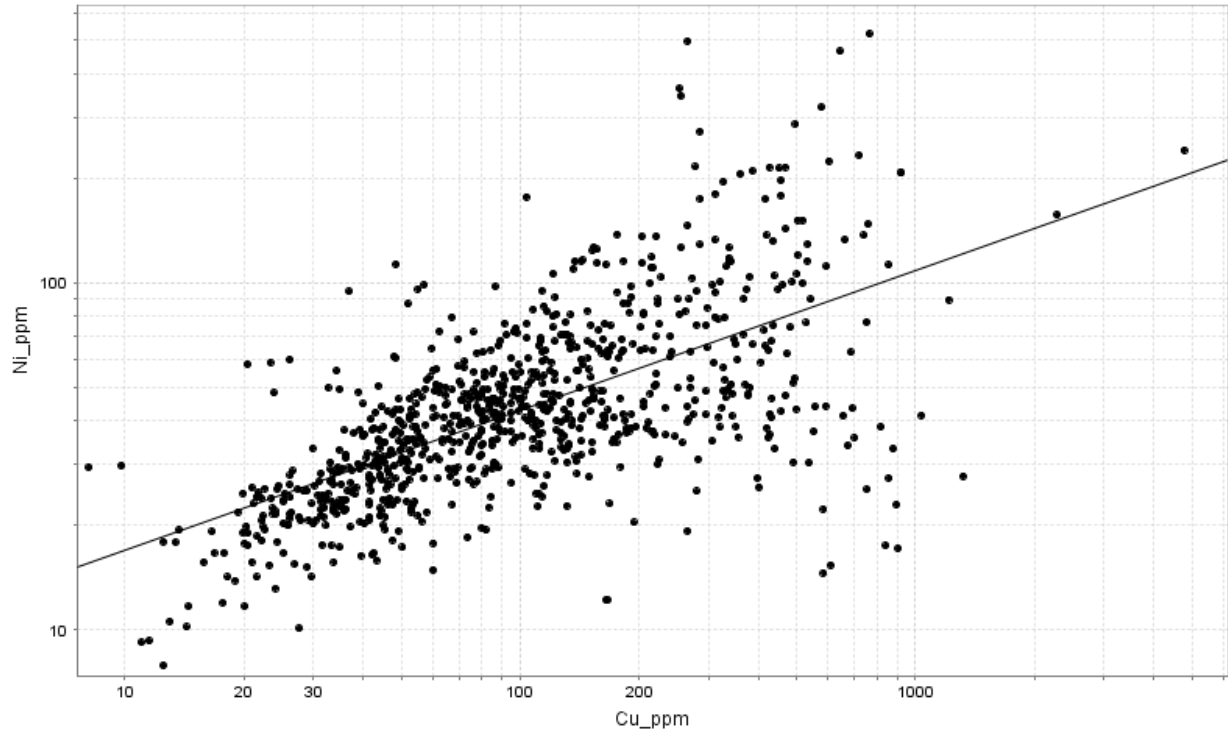
The Raven and Vera property are only 9 kilometers apart and have similar soil geochemical signature. I plotted the highest zinc soil values from both properties and as you can see they are very unique to each other with only having the major elements such as zinc, lead and silver as common characteristics. The molybdenum, copper, nickel, cobalt, and iron are much higher in the raven property.

# Soil Sample Statistics

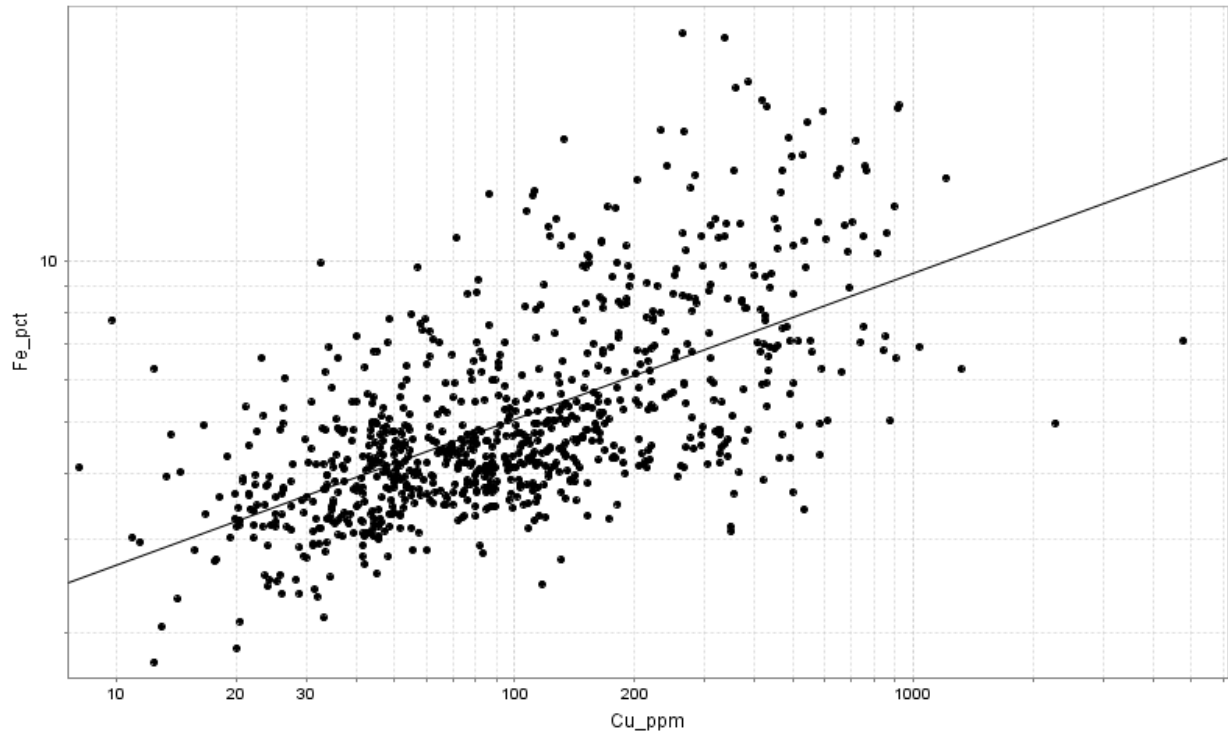
## XY Plots both Axis are Logged



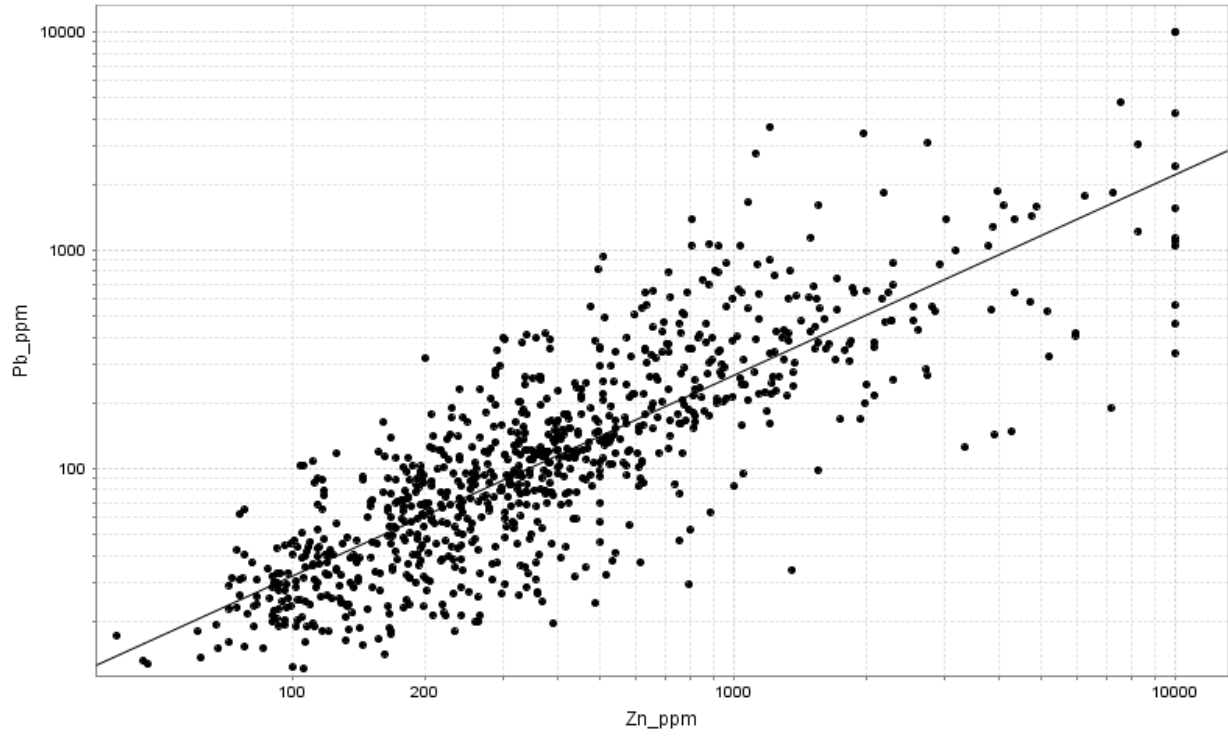
**Cu\_ppm : Ni\_ppm**



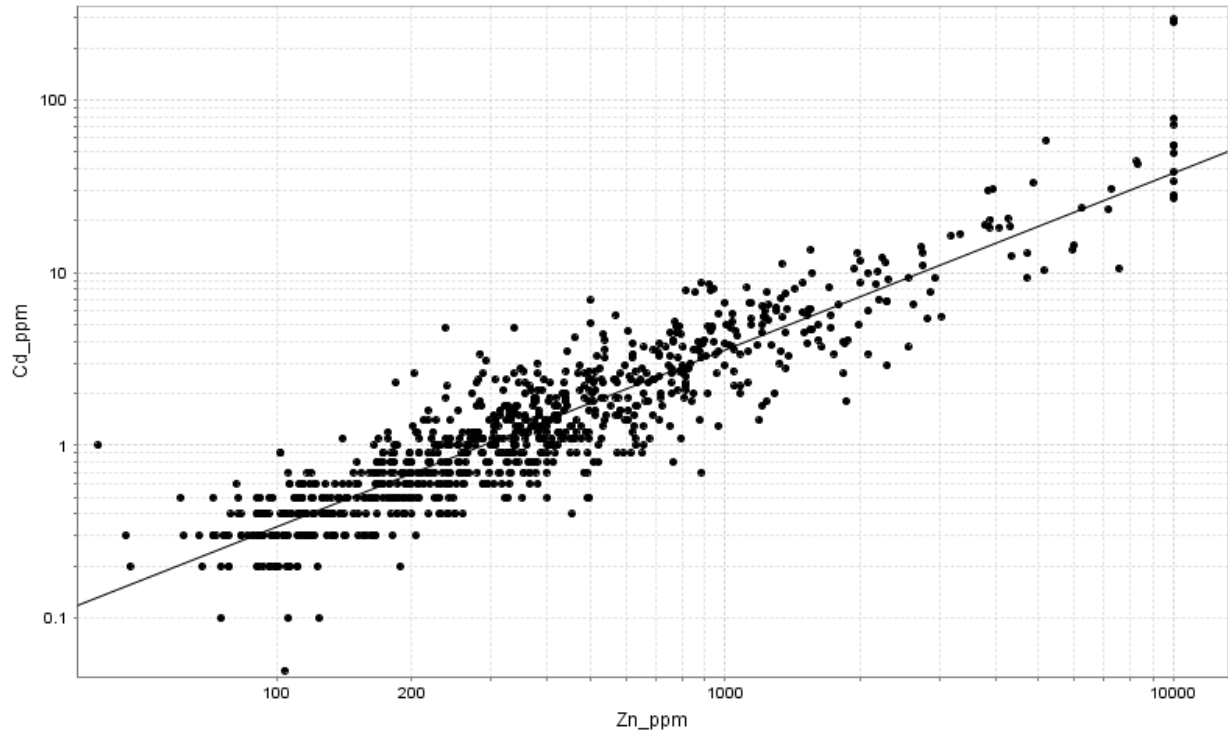
**Cu\_ppm : Fe\_pct**



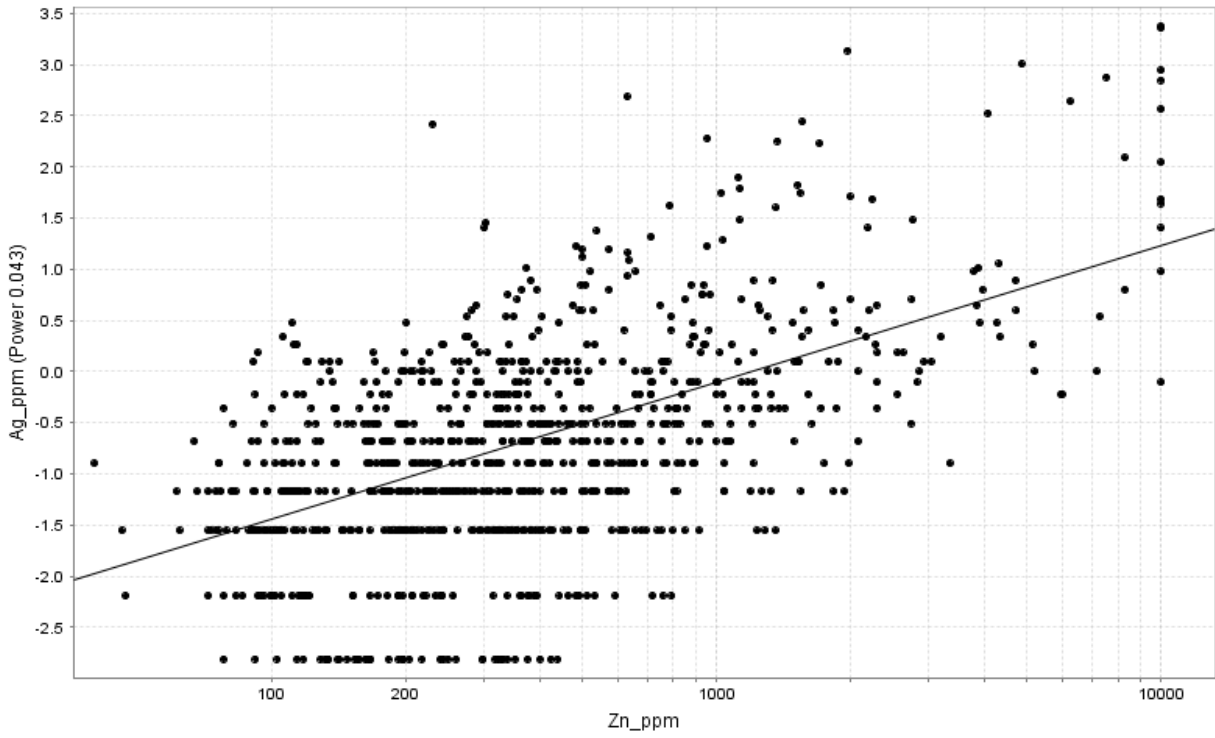
Zn\_ppm : Pb\_ppm



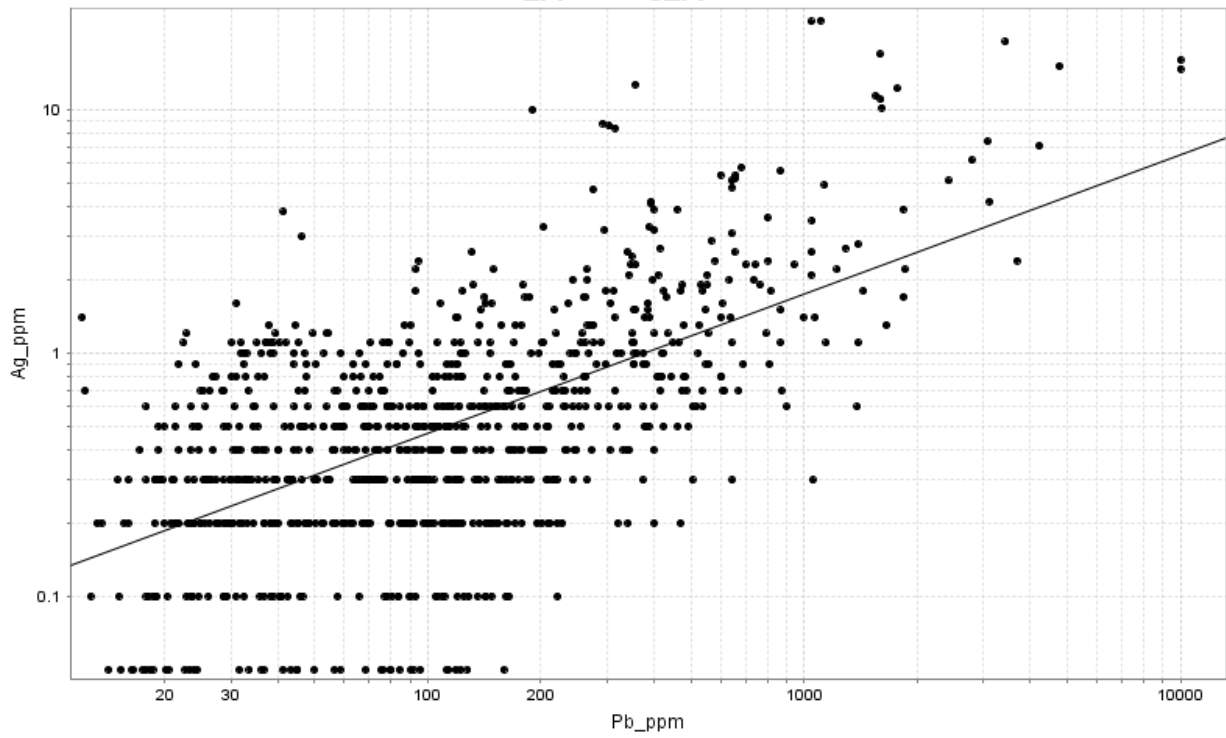
Zn\_ppm : Cd\_ppm



Zn\_ppm : Ag\_ppm



Pb\_ppm : Ag\_ppm



## Spearman Rank Correlation - Raven Soil Data

| Spearman | Cu_ppm | Sb_ppm | As_ppm | Ni_ppm | Mo_ppm | Co_ppm | Fe_pct | U_ppm | Se_ppm | Zn_ppm | Cd_ppm | Pb_ppm | Ag_ppm | Au_ppb |
|----------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|
| Cu_ppm   | 1      | 0.57   | 0.71   | 0.74   | 0.5    | 0.73   | 0.63   | 0.5   | 0.53   | 0.53   | 0.5    | 0.46   | 0.52   | 0.51   |
| Sb_ppm   | 0.57   | 1      | 0.79   | 0.59   | 0.5    | 0.46   | 0.49   | 0.6   | 0.5    | 0.51   | 0.47   | 0.52   | 0.62   | 0.36   |
| As_ppm   | 0.71   | 0.79   | 1      | 0.74   | 0.65   | 0.62   | 0.59   | 0.59  | 0.55   | 0.53   | 0.49   | 0.5    | 0.52   | 0.49   |
| Ni_ppm   | 0.74   | 0.59   | 0.74   | 1      | 0.58   | 0.72   | 0.6    | 0.55  | 0.46   | 0.56   | 0.48   | 0.48   | 0.44   | 0.47   |
| Mo_ppm   | 0.5    | 0.5    | 0.65   | 0.58   | 1      | 0.38   | 0.36   | 0.6   | 0.53   | 0.28   | 0.23   | 0.27   | 0.23   | 0.44   |
| Co_ppm   | 0.73   | 0.46   | 0.62   | 0.72   | 0.38   | 1      | 0.68   | 0.35  | 0.4    | 0.43   | 0.41   | 0.38   | 0.37   | 0.4    |
| Fe_pct   | 0.63   | 0.49   | 0.59   | 0.6    | 0.36   | 0.68   | 1      | 0.29  | 0.44   | 0.4    | 0.38   | 0.35   | 0.44   | 0.36   |
| U_ppm    | 0.5    | 0.6    | 0.59   | 0.55   | 0.6    | 0.35   | 0.29   | 1     | 0.54   | 0.33   | 0.28   | 0.31   | 0.39   | 0.4    |
| Se_ppm   | 0.53   | 0.5    | 0.55   | 0.46   | 0.53   | 0.4    | 0.44   | 0.54  | 1      | 0.3    | 0.3    | 0.31   | 0.4    | 0.43   |
| Zn_ppm   | 0.53   | 0.51   | 0.53   | 0.56   | 0.28   | 0.43   | 0.4    | 0.33  | 0.3    | 1      | 0.92   | 0.87   | 0.64   | 0.27   |
| Cd_ppm   | 0.5    | 0.47   | 0.49   | 0.48   | 0.23   | 0.41   | 0.38   | 0.28  | 0.3    | 0.92   | 1      | 0.81   | 0.63   | 0.24   |
| Pb_ppm   | 0.46   | 0.52   | 0.5    | 0.48   | 0.27   | 0.38   | 0.35   | 0.31  | 0.31   | 0.87   | 0.81   | 1      | 0.68   | 0.27   |
| Ag_ppm   | 0.52   | 0.62   | 0.52   | 0.44   | 0.23   | 0.37   | 0.44   | 0.39  | 0.4    | 0.64   | 0.63   | 0.68   | 1      | 0.39   |
| Au_ppb   | 0.51   | 0.36   | 0.49   | 0.47   | 0.44   | 0.4    | 0.36   | 0.4   | 0.43   | 0.27   | 0.24   | 0.27   | 0.39   | 1      |

The difference between Spearman Rank Correlation and Pearson Correlation is statistical. The Pearson Method best matches up on a linear trend.

Whereas the Spearman Method that uses a rank-order correlation is the nonparametric version of the Pearson product-moment correlation.

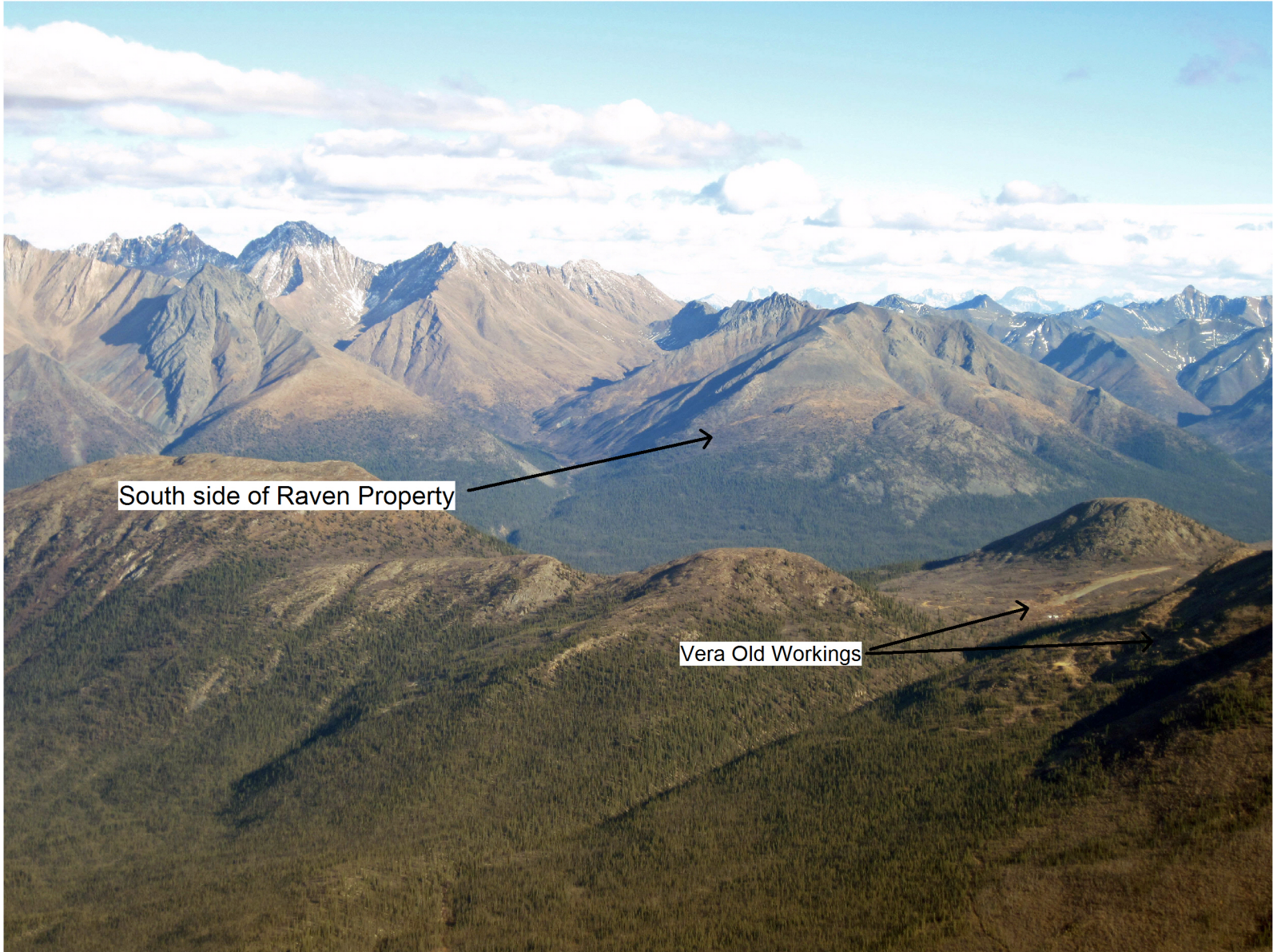
Spearman's correlation coefficient, ( $r_s$ ), also signified by  $r_s$ ) measures the strength of association between two ranked variables

### Why is a monotonic relationship important to Spearman's correlation?

A monotonic relationship is an important underlying assumption of the Spearman rank-order correlation. It is also important to recognize the assumption of a monotonic relationship is less restrictive than a linear relationship (an assumption that has to be met by the Pearson product-moment correlation). The middle image above illustrates this point well: A non-linear relationship exists, but the relationship is monotonic and is suitable for analysis by Spearman's correlation, but not by Pearson's correlation. (<https://statistics.laerd.com/statistical-guides/spearmans-rank-order-correlation-statistical-guide.php>).

## Spearman Raven Rock Correlation from 160 Rock Samples

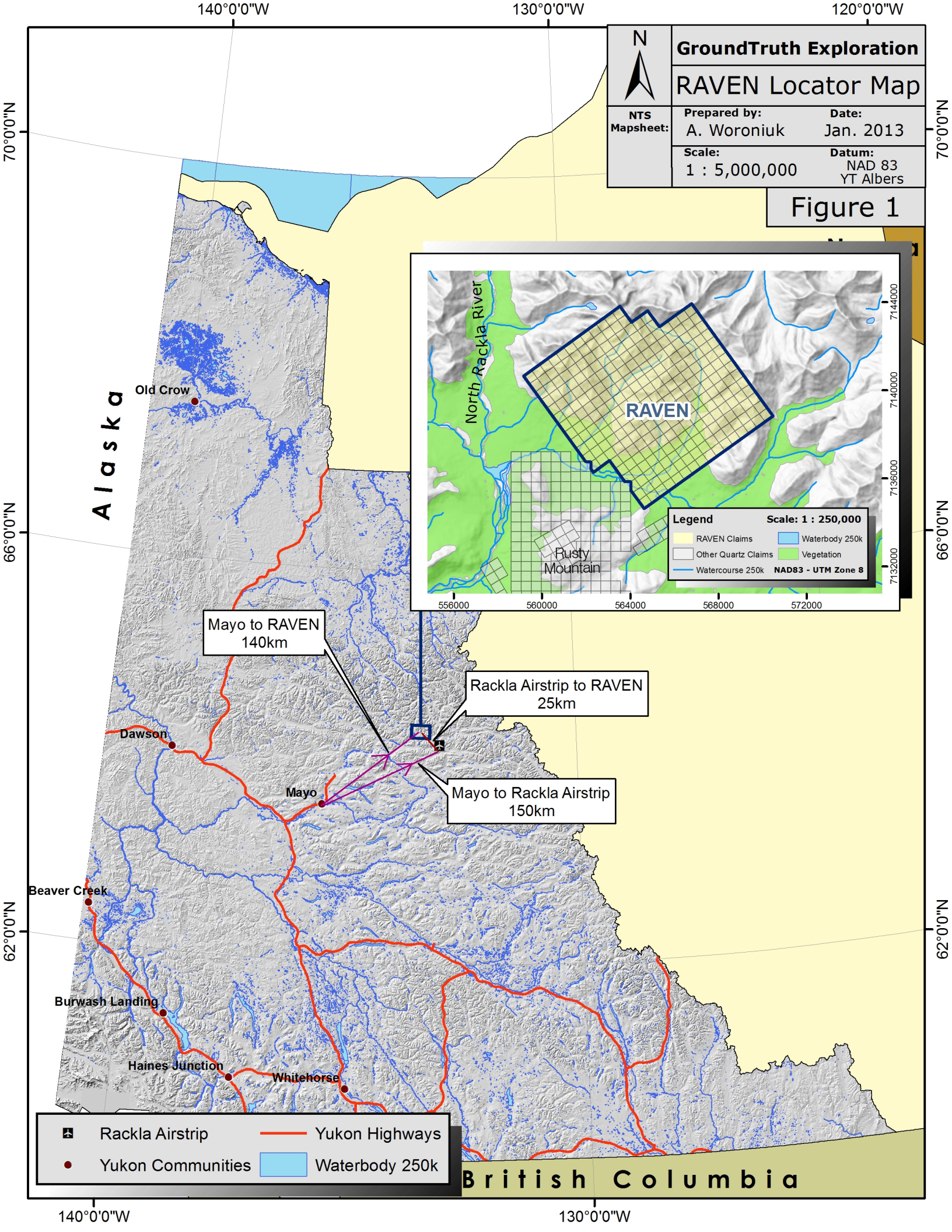
| Spearman      | Cu_ppm | Ag_ppm | Pb_ppm | Zn_ppm | Cd_ppm | As_ppm | Sb_ppm | Hg_ppm | Fe_pct | Ni_ppm | Co_ppm | Au_ppb | Se_ppm | Mo_ppm |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Cu_ppm</b> | 1      | 0.75   | 0.38   | 0.32   | 0.3    | 0.25   | 0.36   | 0.43   | 0.16   | 0.03   | 0.29   | 0.49   | 0.5    | -0.06  |
| <b>Ag_ppm</b> | 0.75   | 1      | 0.67   | 0.6    | 0.6    | 0.56   | 0.6    | 0.69   | 0.14   | 0.054  | 0.19   | 0.48   | 0.54   | 0.072  |
| <b>Pb_ppm</b> | 0.38   | 0.67   | 1      | 0.75   | 0.75   | 0.54   | 0.57   | 0.72   | 0.12   | 0.21   | 0.078  | 0.33   | 0.47   | 0.18   |
| <b>Zn_ppm</b> | 0.32   | 0.6    | 0.75   | 1      | 0.94   | 0.56   | 0.53   | 0.81   | 0.18   | 0.22   | 0.13   | 0.18   | 0.28   | 0.077  |
| <b>Cd_ppm</b> | 0.3    | 0.6    | 0.75   | 0.94   | 1      | 0.59   | 0.55   | 0.81   | 0.06   | 0.14   | 0.032  | 0.13   | 0.25   | 0.086  |
| <b>As_ppm</b> | 0.25   | 0.56   | 0.54   | 0.56   | 0.59   | 1      | 0.71   | 0.49   | 0.21   | 0.3    | 0.09   | 0.36   | 0.39   | 0.38   |
| <b>Sb_ppm</b> | 0.36   | 0.6    | 0.57   | 0.53   | 0.55   | 0.71   | 1      | 0.54   | 0.18   | 0.14   | 0.061  | 0.41   | 0.47   | 0.31   |
| <b>Hg_ppm</b> | 0.43   | 0.69   | 0.72   | 0.81   | 0.81   | 0.49   | 0.54   | 1      | 0.094  | 0.12   | 0.12   | 0.28   | 0.41   | 0.012  |
| <b>Fe_pct</b> | 0.16   | 0.14   | 0.12   | 0.18   | 0.06   | 0.21   | 0.18   | 0.094  | 1      | 0.39   | 0.59   | 0.28   | 0.22   | 0.025  |
| <b>Ni_ppm</b> | 0.03   | 0.054  | 0.21   | 0.22   | 0.14   | 0.3    | 0.14   | 0.12   | 0.39   | 1      | 0.54   | 0.29   | 0.33   | 0.34   |
| <b>Co_ppm</b> | 0.29   | 0.19   | 0.078  | 0.13   | 0.032  | 0.09   | 0.061  | 0.12   | 0.59   | 0.54   | 1      | 0.26   | 0.25   | -0.21  |
| <b>Au_ppb</b> | 0.49   | 0.48   | 0.33   | 0.18   | 0.13   | 0.36   | 0.41   | 0.28   | 0.28   | 0.29   | 0.26   | 1      | 0.62   | 0.28   |
| <b>Se_ppm</b> | 0.5    | 0.54   | 0.47   | 0.28   | 0.25   | 0.39   | 0.47   | 0.41   | 0.22   | 0.33   | 0.25   | 0.62   | 1      | 0.33   |
| <b>Mo_ppm</b> | -0.06  | 0.072  | 0.18   | 0.077  | 0.086  | 0.38   | 0.31   | 0.012  | 0.025  | 0.34   | -0.21  | 0.28   | 0.33   | 1      |




South side of Raven Property

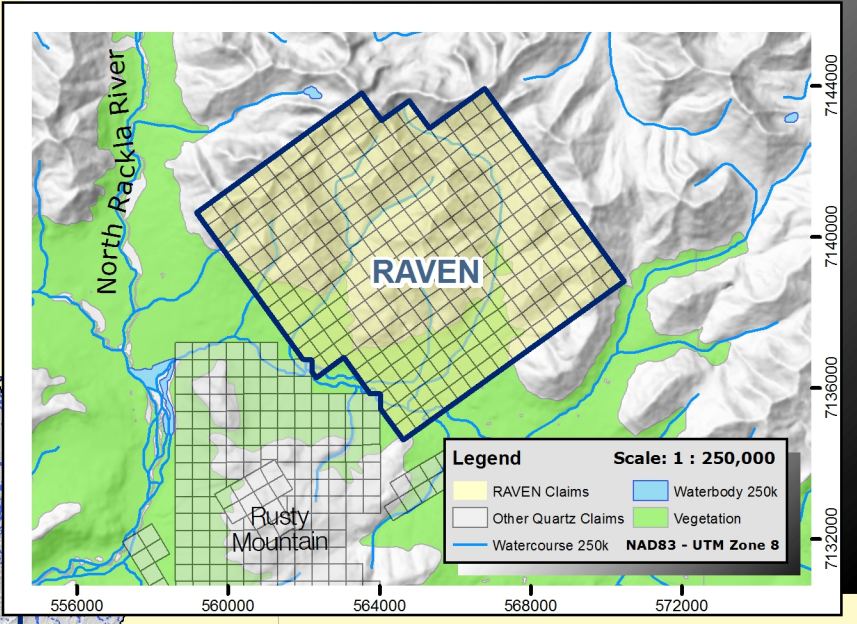
Vera Old Workings

View Looking North From Vera Property to the Raven Project



|  |                                |                               |
|--|--------------------------------|-------------------------------|
| <br>NTS<br>Mapsheet: | <b>GroundTruth Exploration</b> |                               |
|  | <b>RAVEN Locator Map</b>       |                               |
|  | Prepared by:<br>A. Woroniuk    | Date:<br>Jan. 2013            |
|  | Scale:<br>1 : 5,000,000        | Datum:<br>NAD 83<br>YT Albers |

**Figure 1**



Mayo to RAVEN  
140km

Rackla Airstrip to RAVEN  
25km

Mayo to Rackla Airstrip  
150km

|   |                   |   |                |
|---|-------------------|---|----------------|
|  | Rackla Airstrip   |  | Yukon Highways |
|  | Yukon Communities |  | Waterbody 250k |

Alaska

British Columbia

560000

564000

568000

7144000

7144000

7140000

7140000

7136000

7136000

560000

564000

568000



# GroundTruth Exploration RAVEN Claims Map

**NTS  
Mapsheet:**  
106C/  
05

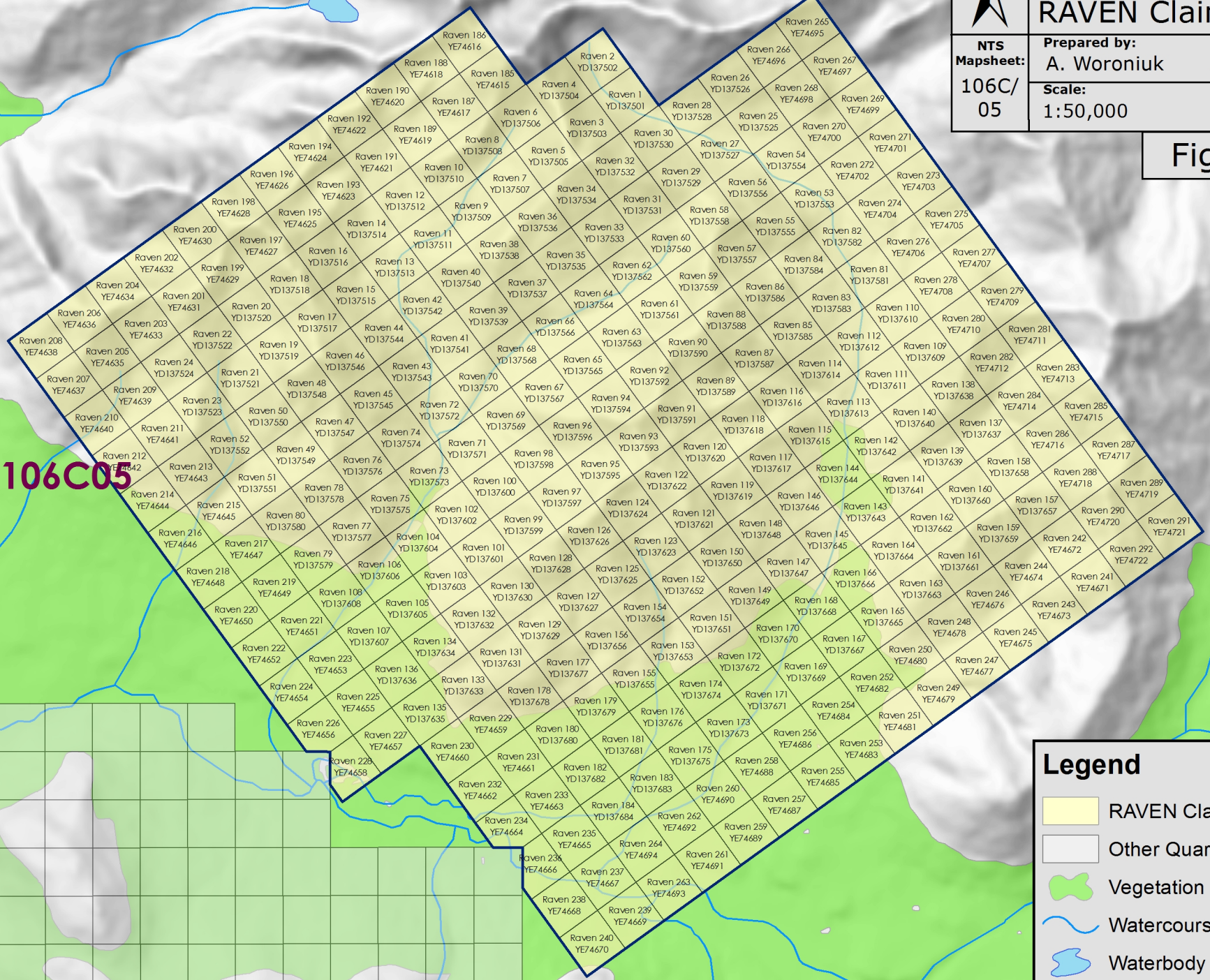
**Prepared by:**  
A. Woroniuk

**Date:**  
Jan. 2013

**Scale:**  
1:50,000

**Datum:**  
NAD 83  
UTM Zone 8

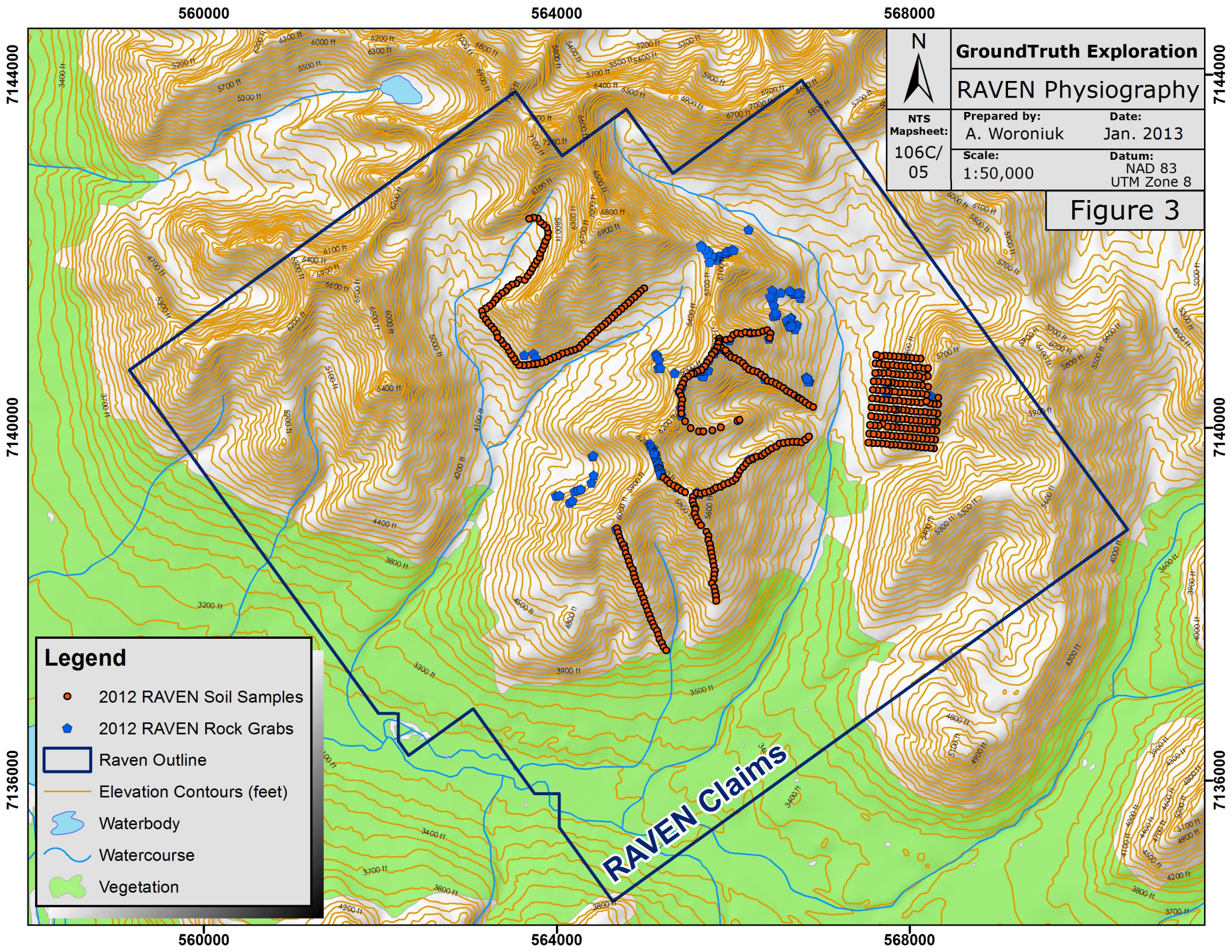
## Figure 2



106C05

### Legend

- RAVEN Claims
- Other Quartz Claims
- Vegetation
- Watercourse
- Waterbody



560000

564000

568000

7144000

7144000

7140000

7140000

7136000

7136000

560000

564000

568000



**GroundTruth Exploration**

**RAVEN Physiography**

**NTS  
Mapsheet:  
106C/  
05**

**Prepared by:**  
A. Woroniuk

**Date:**  
Jan. 2013

**Scale:**  
1:50,000

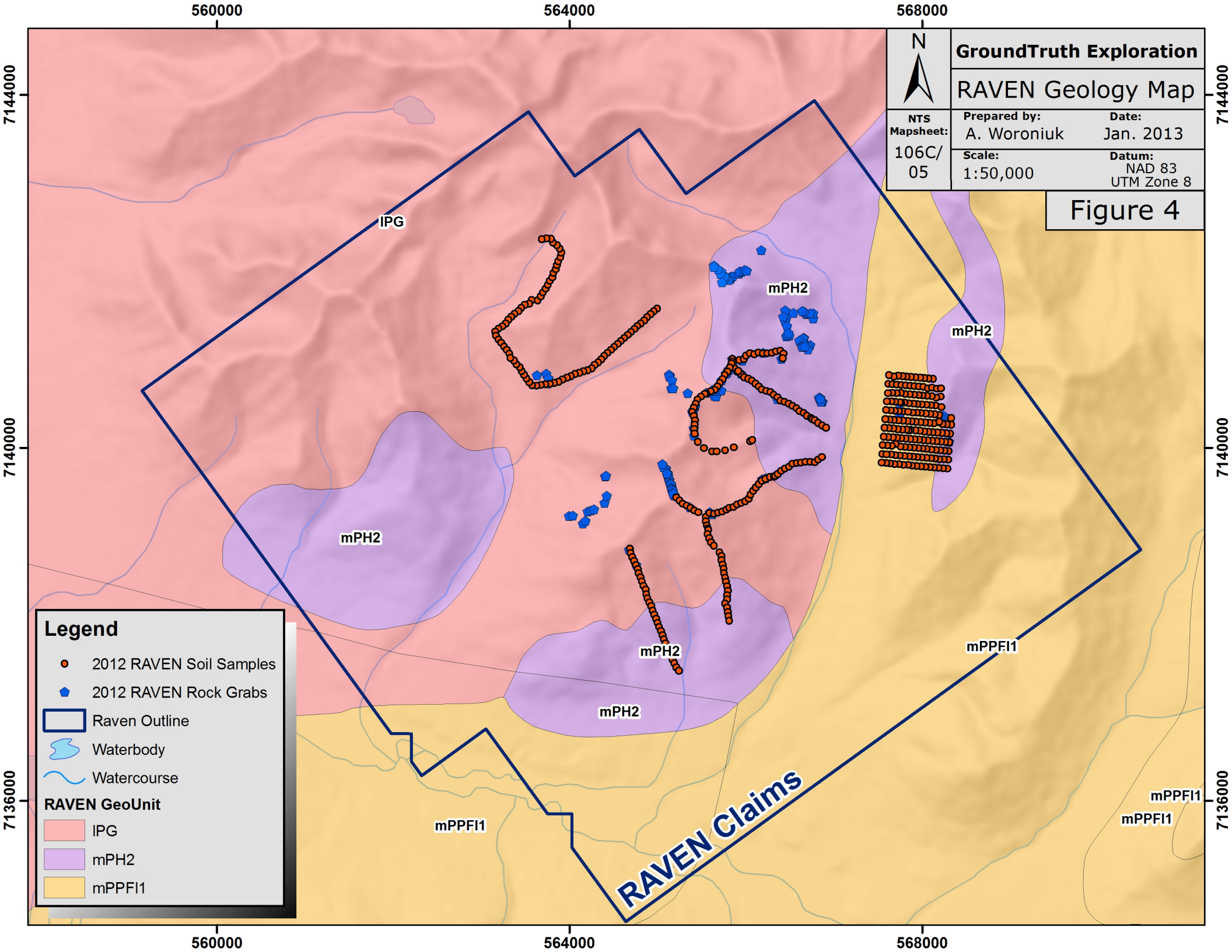
**Datum:**  
NAD 83  
UTM Zone 8

**Figure 3**

**Legend**

- 2012 RAVEN Soil Samples
- ◆ 2012 RAVEN Rock Grabs
- Raven Outline
- Elevation Contours (feet)
- Waterbody
- Watercourse
- Vegetation

**RAVEN Claims**



564000

568000



# GroundTruth Exploration

## RAVEN Sample Location Map

NTS  
Mapsheet:  
106C/  
05

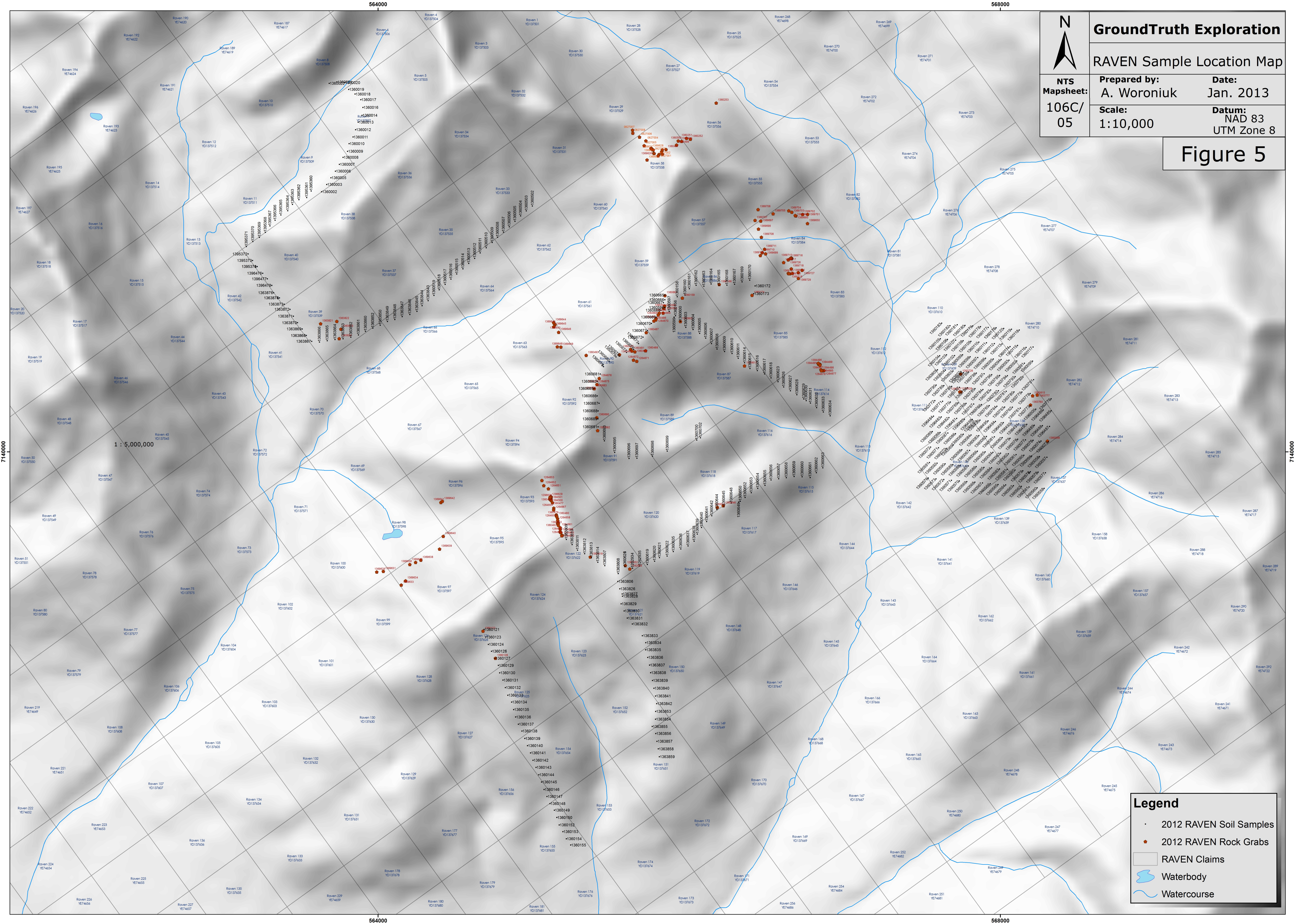
Prepared by:  
**A. Woroniuk**

Date:  
**Jan. 2013**

Scale:  
**1:10,000**

Datum:  
**NAD 83  
UTM Zone 8**

### Figure 5



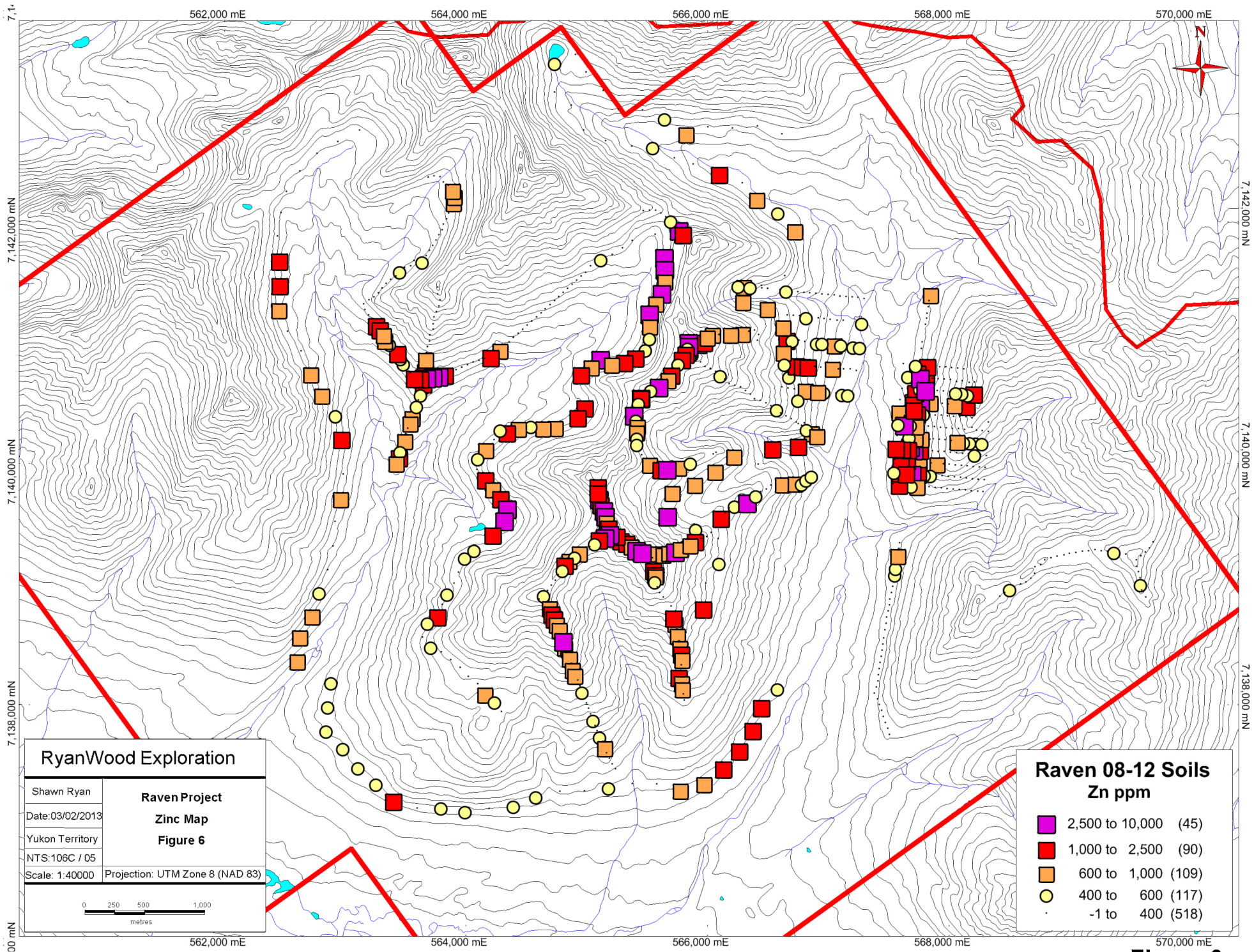
1 : 5,000,000

**Legend**

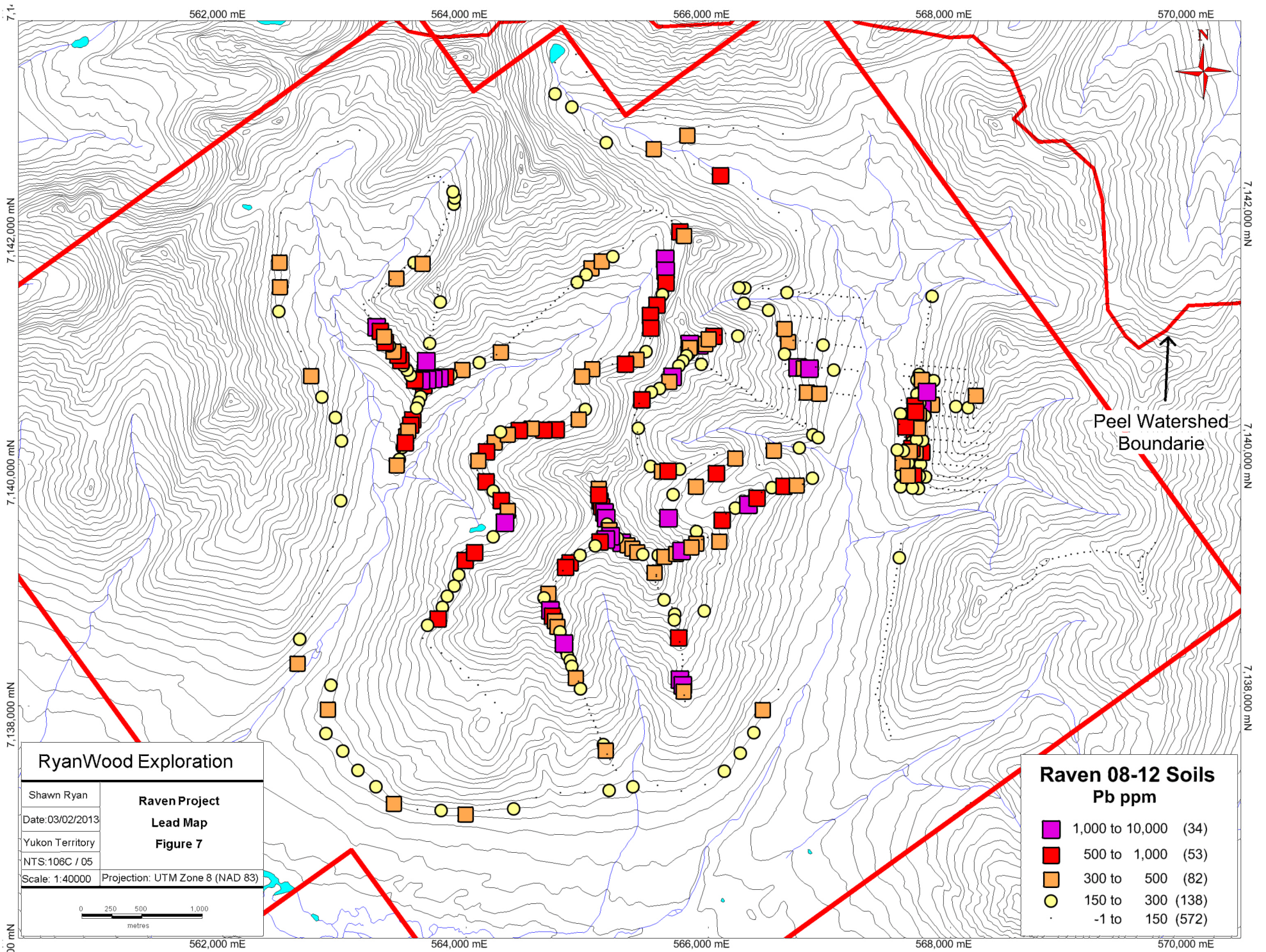
- 2012 RAVEN Soil Samples
- 2012 RAVEN Rock Grabs
- ▭ RAVEN Claims
- Waterbody
- Watercourse

564000

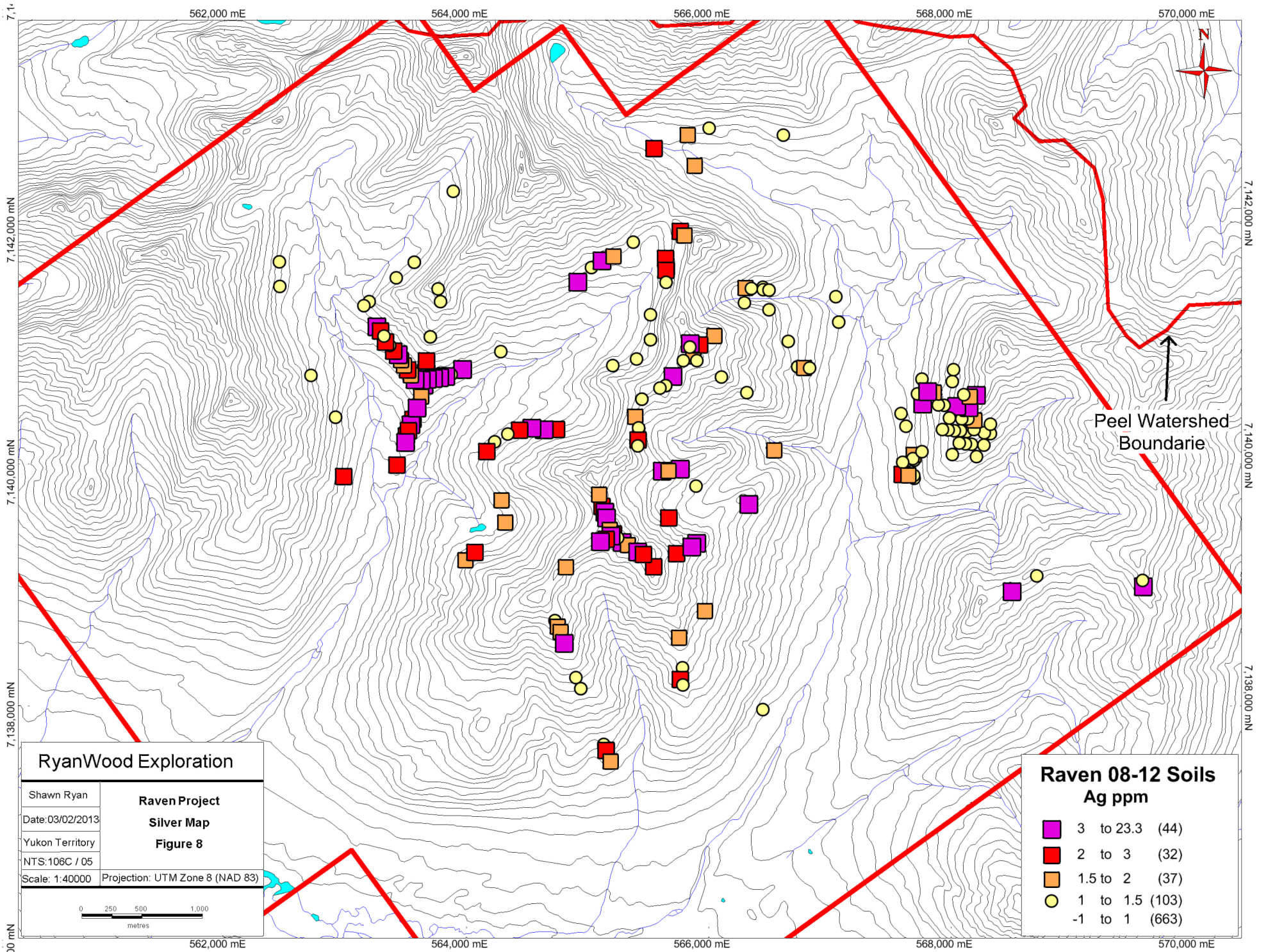
568000



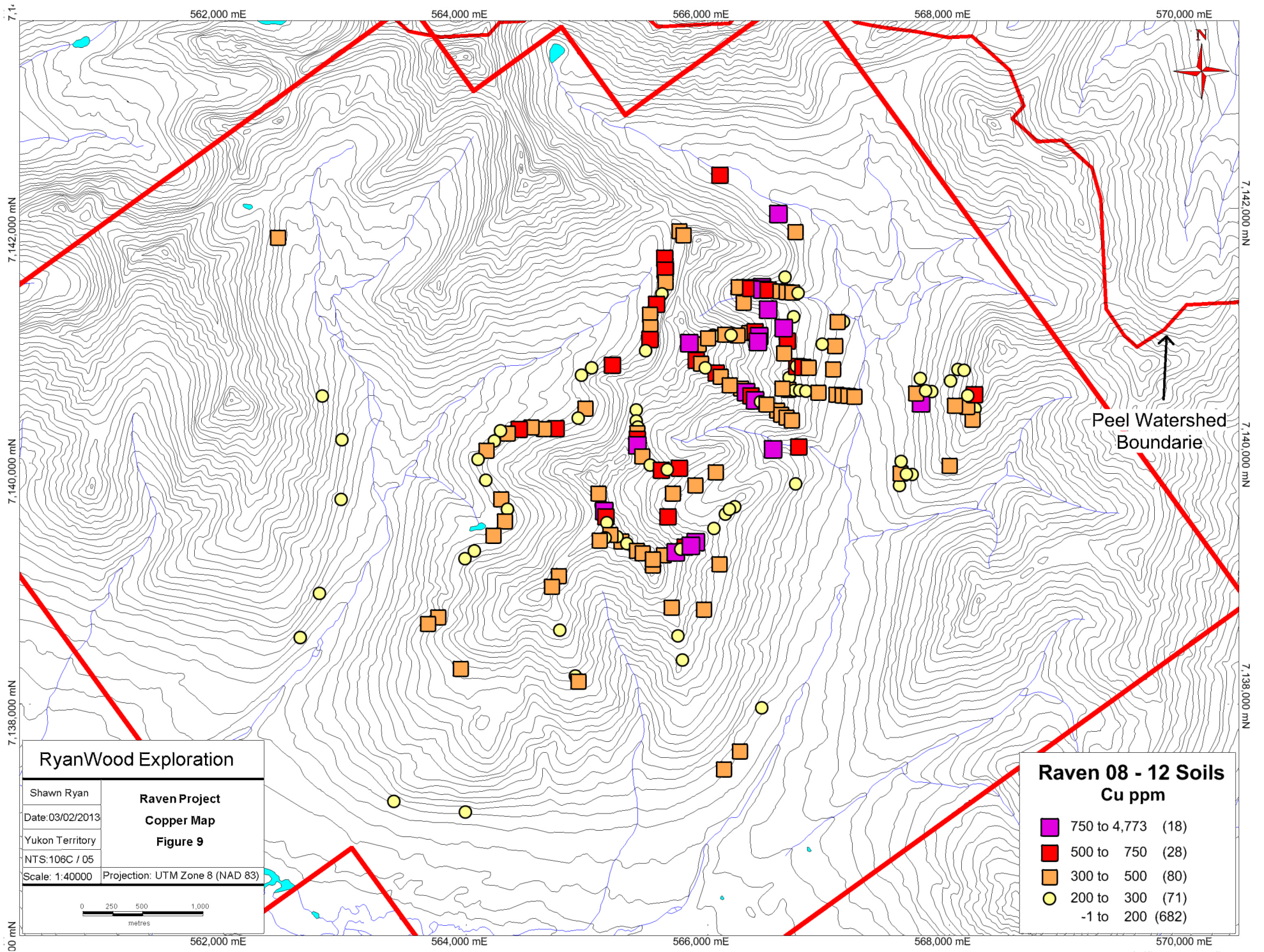
**Figure 6**



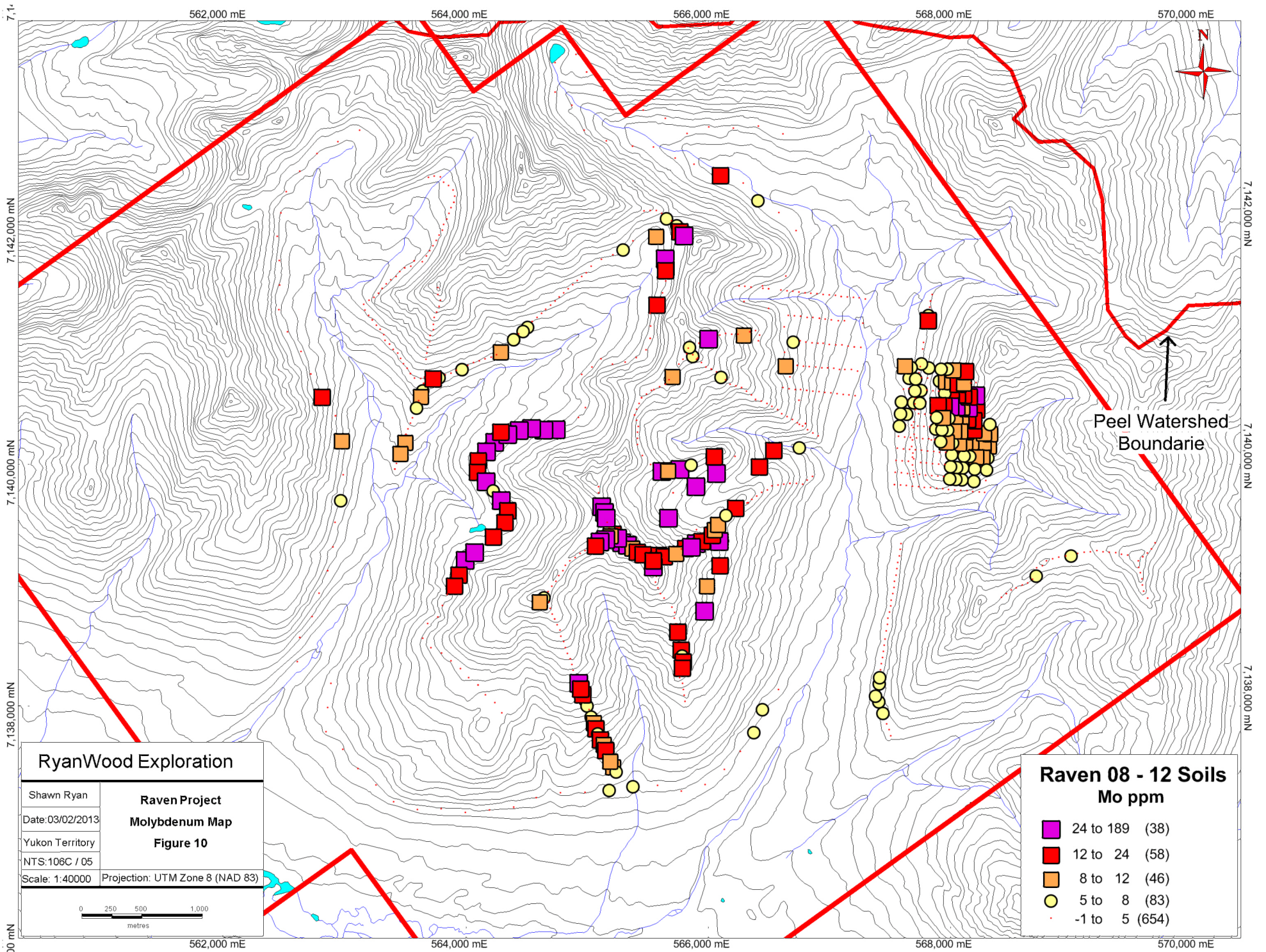
**Figure 7**



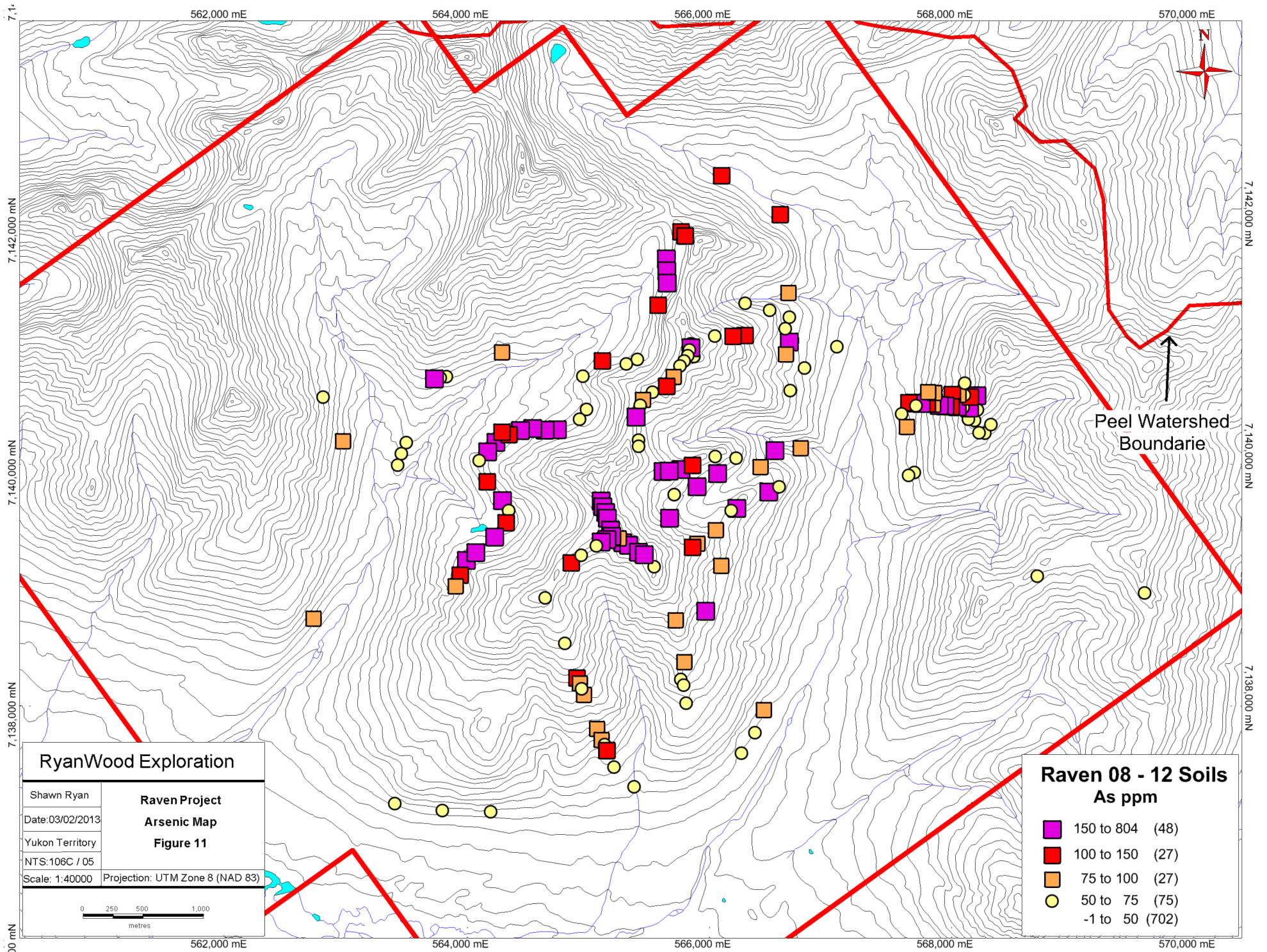
**Figure 8**



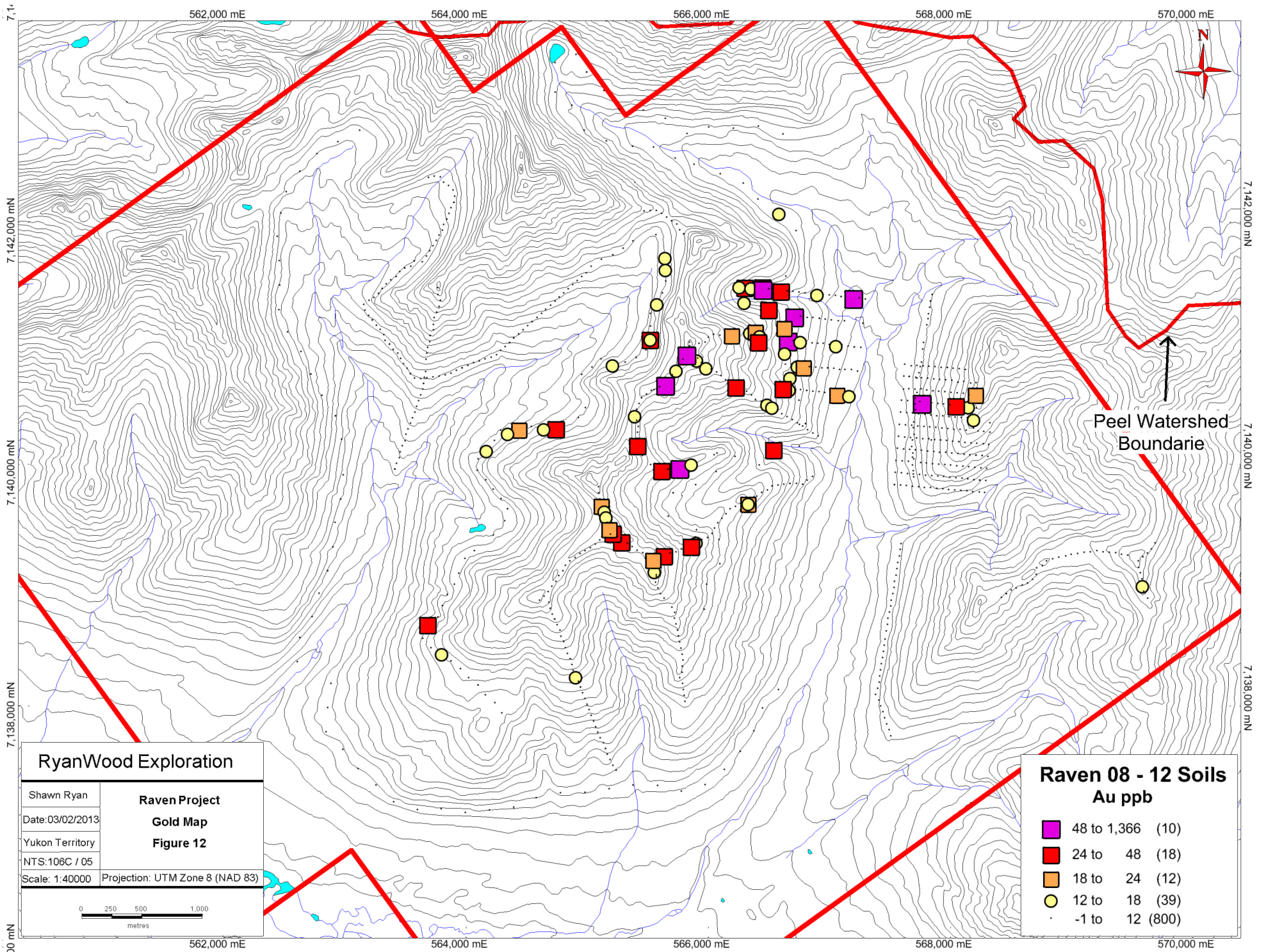
**Figure 9**



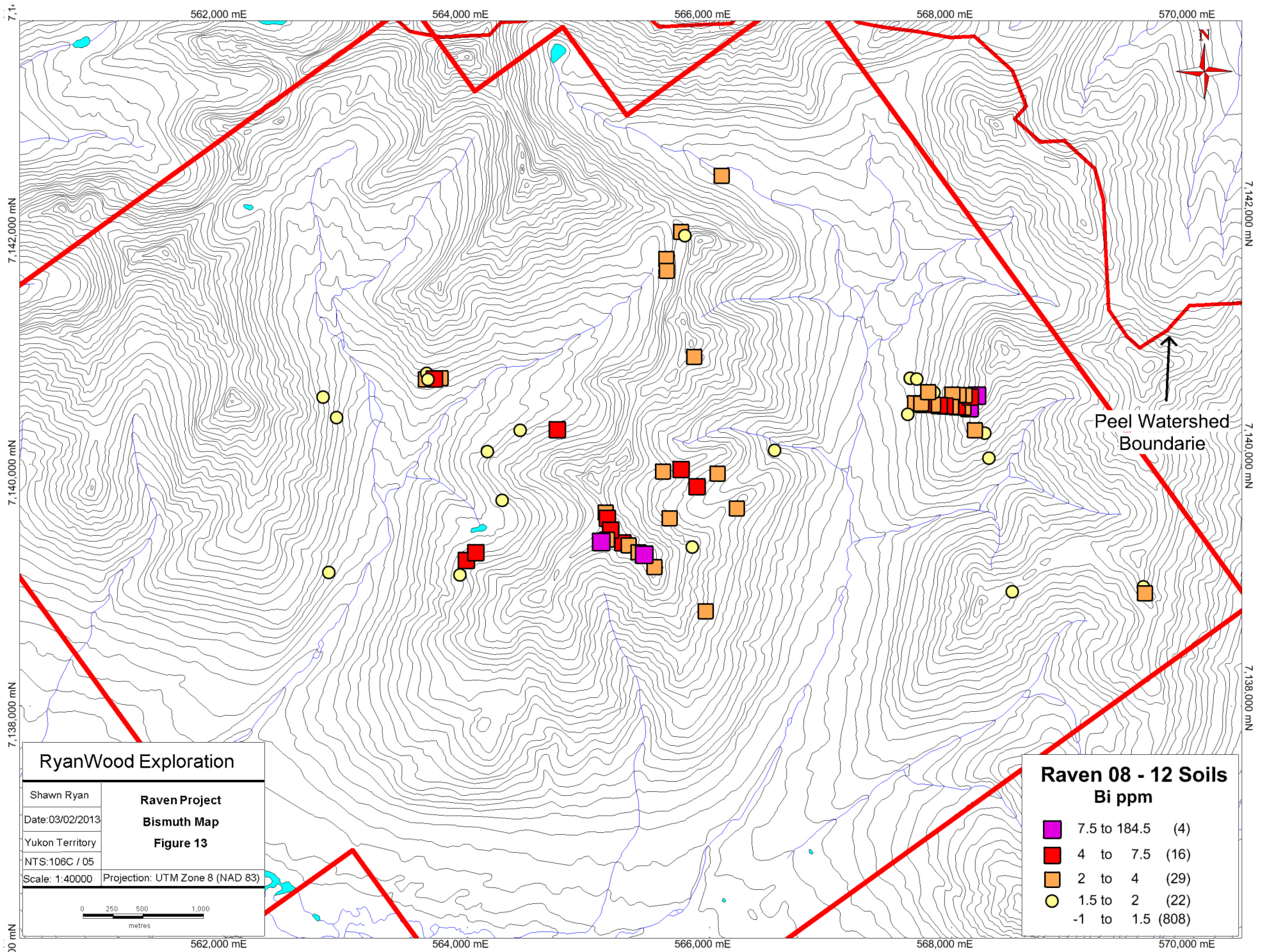
**Figure 10**



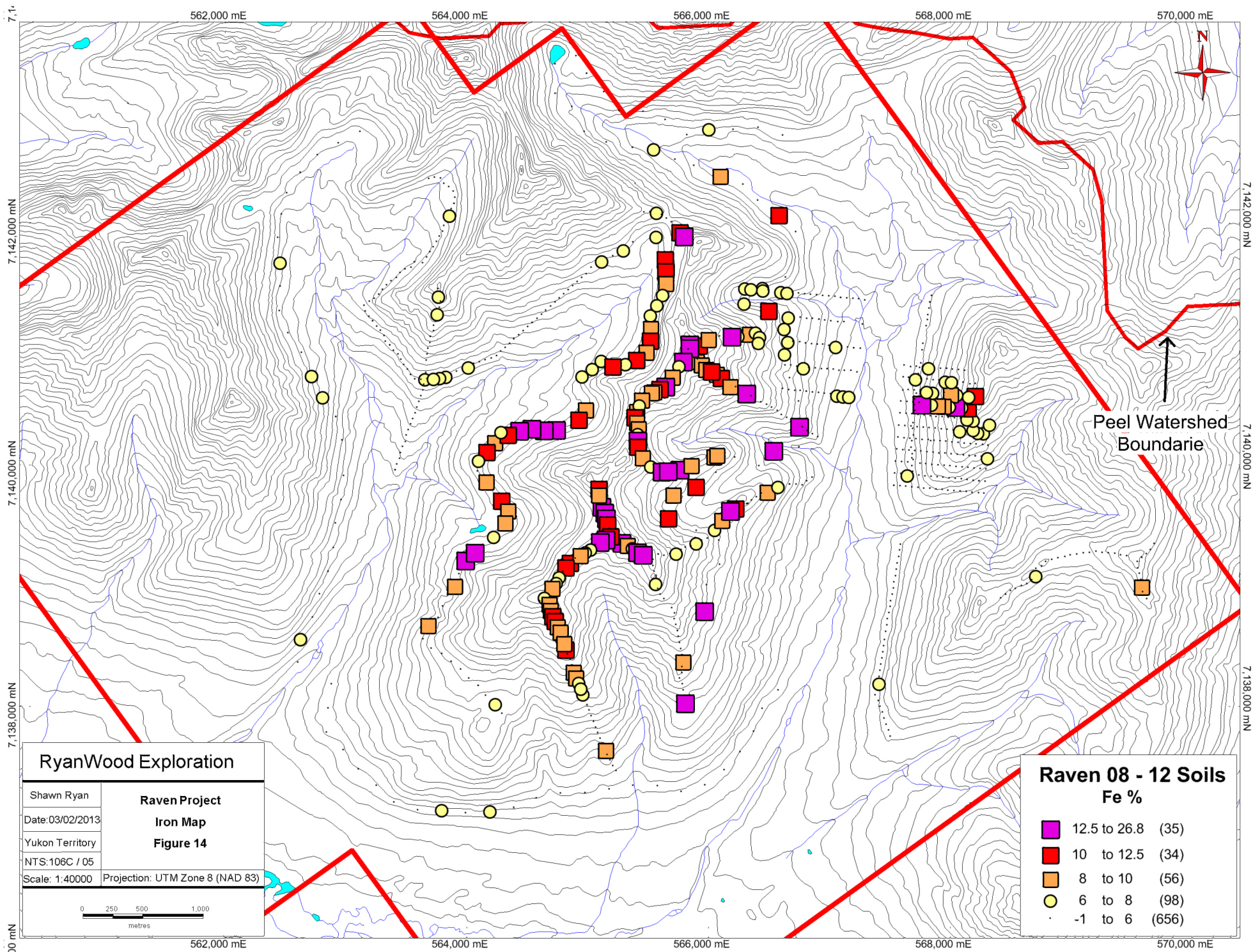
**Figure 11**



**Figure 12**

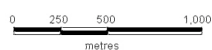


**Figure 13**



**RyanWood Exploration**

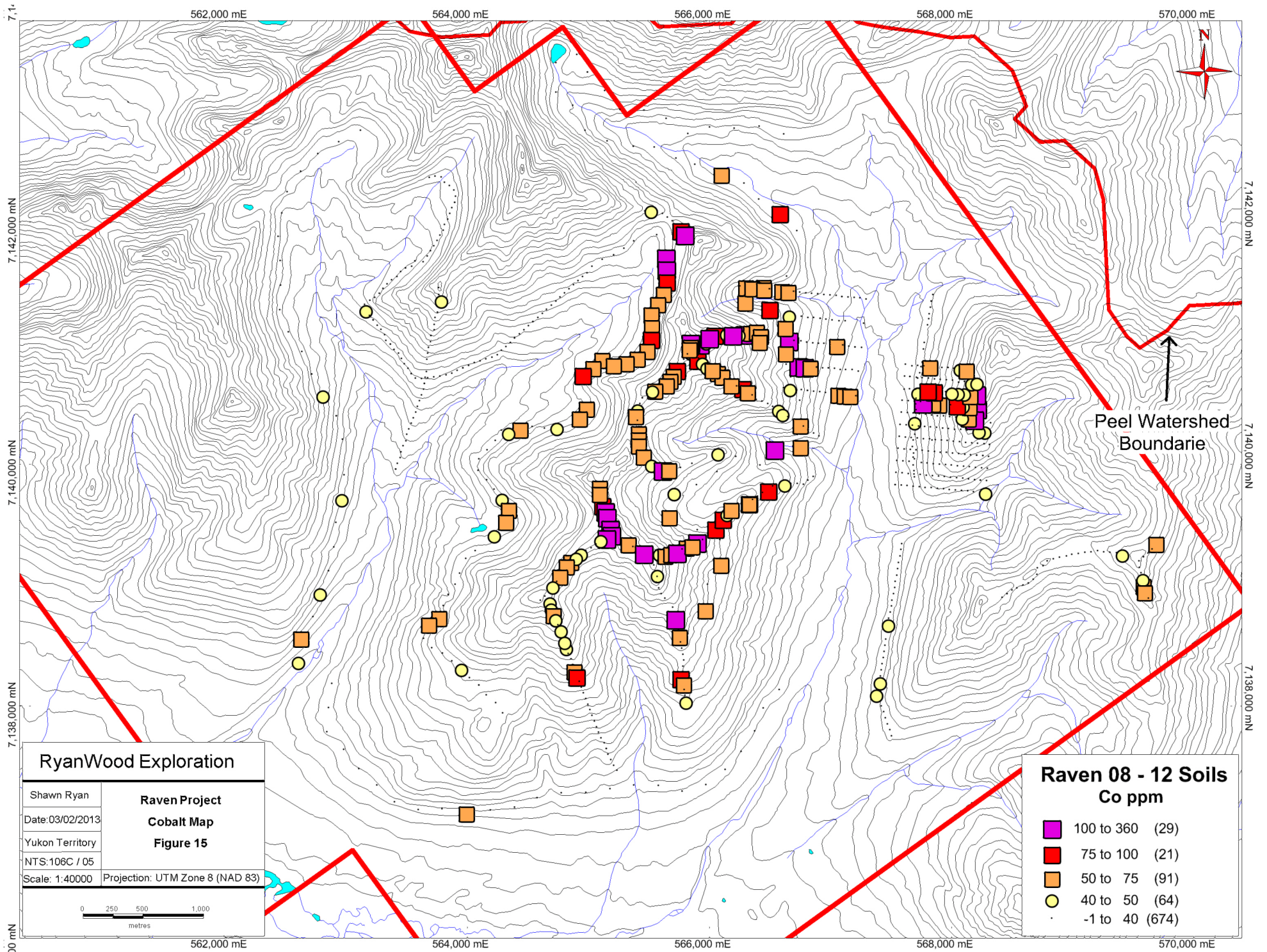
|                  |                                 |
|------------------|---------------------------------|
| Shawn Ryan       | <b>Raven Project</b>            |
| Date: 03/02/2013 | <b>Iron Map</b>                 |
| Yukon Territory  | <b>Figure 14</b>                |
| NTS: 106C / 05   |                                 |
| Scale: 1:40000   | Projection: UTM Zone 8 (NAD 83) |



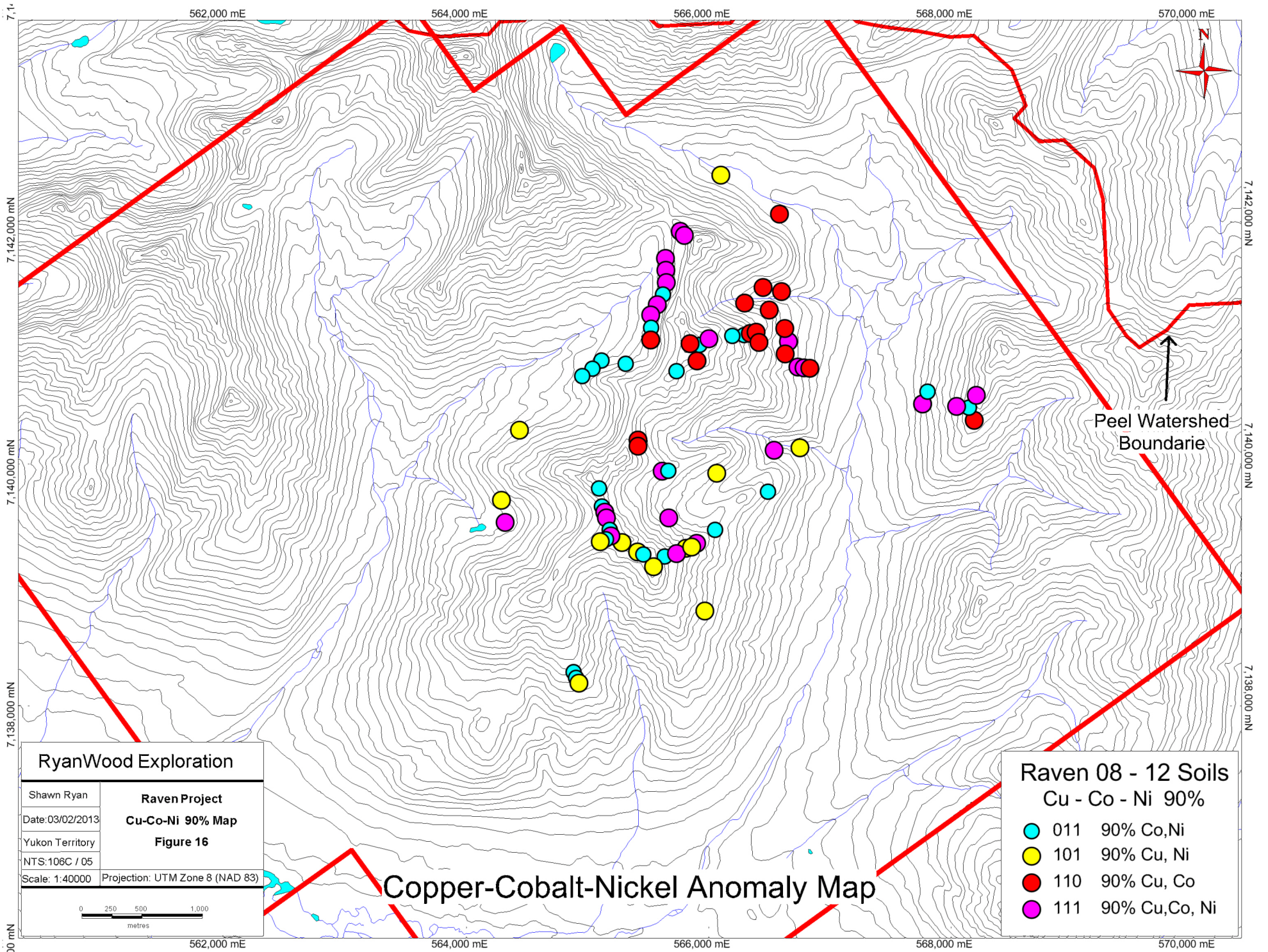
**Raven 08 - 12 Soils  
Fe %**

- 12.5 to 26.8 (35)
- 10 to 12.5 (34)
- 8 to 10 (56)
- 6 to 8 (98)
- 1 to 6 (656)

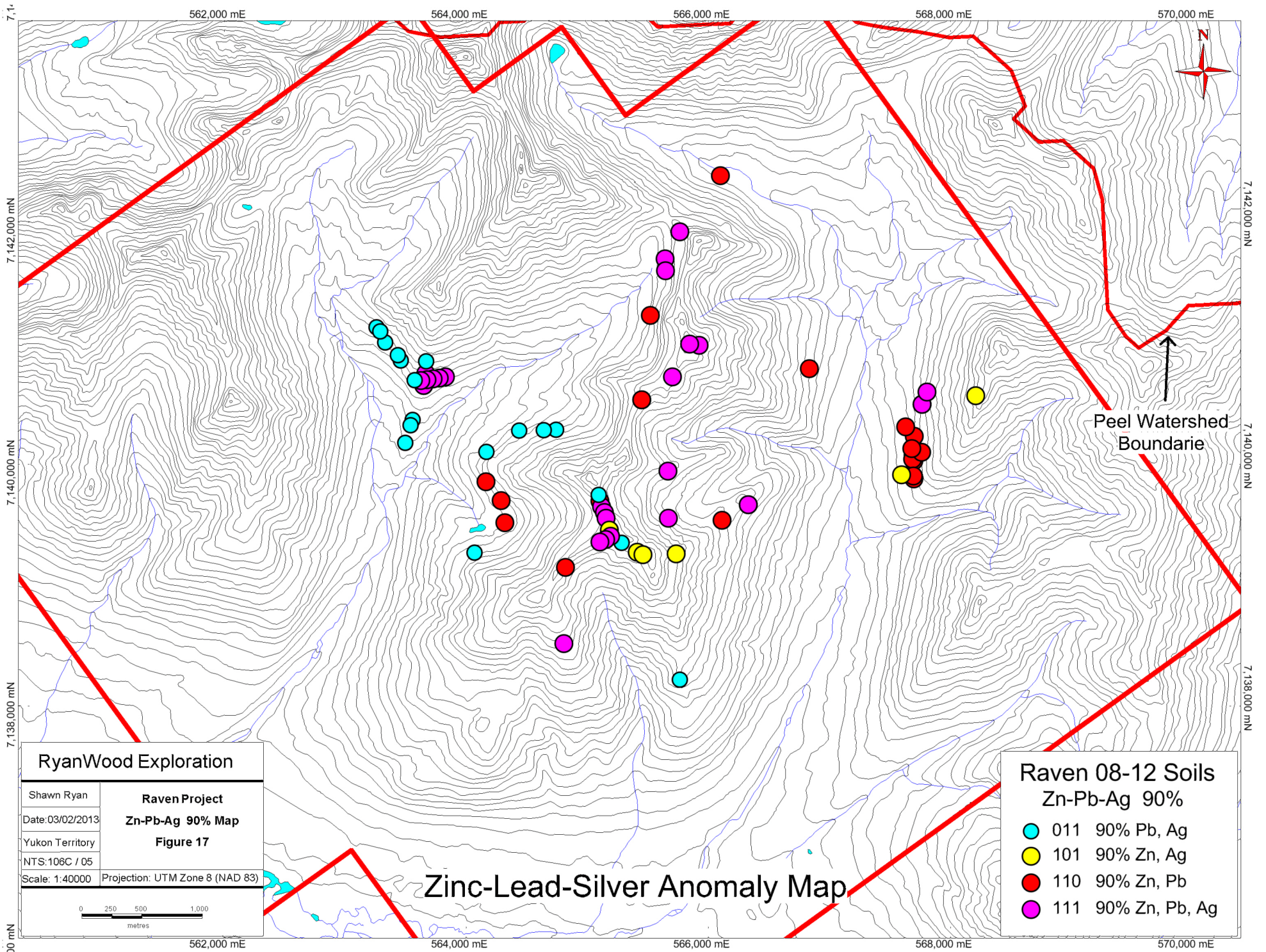
**Figure 14**



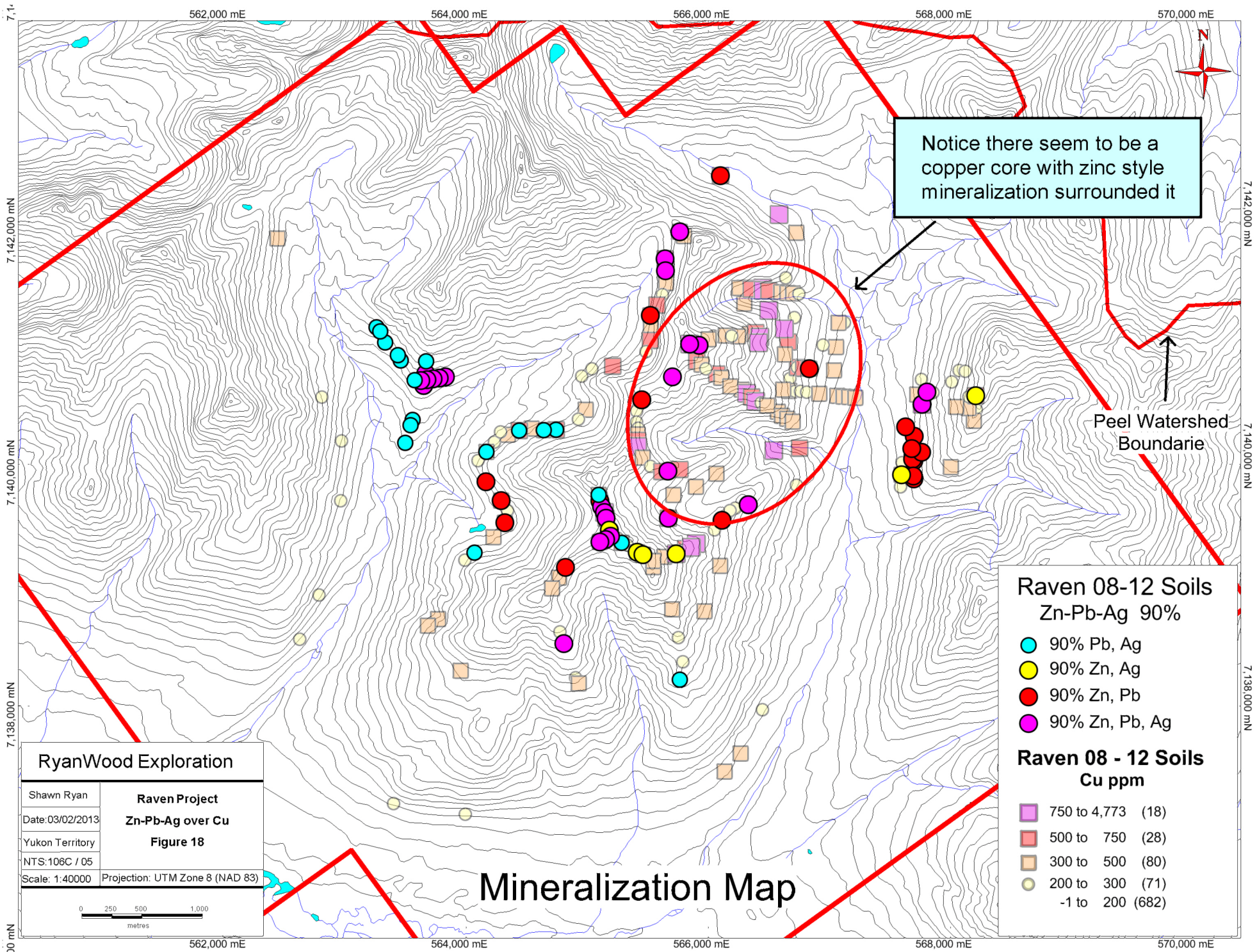
**Figure 15**



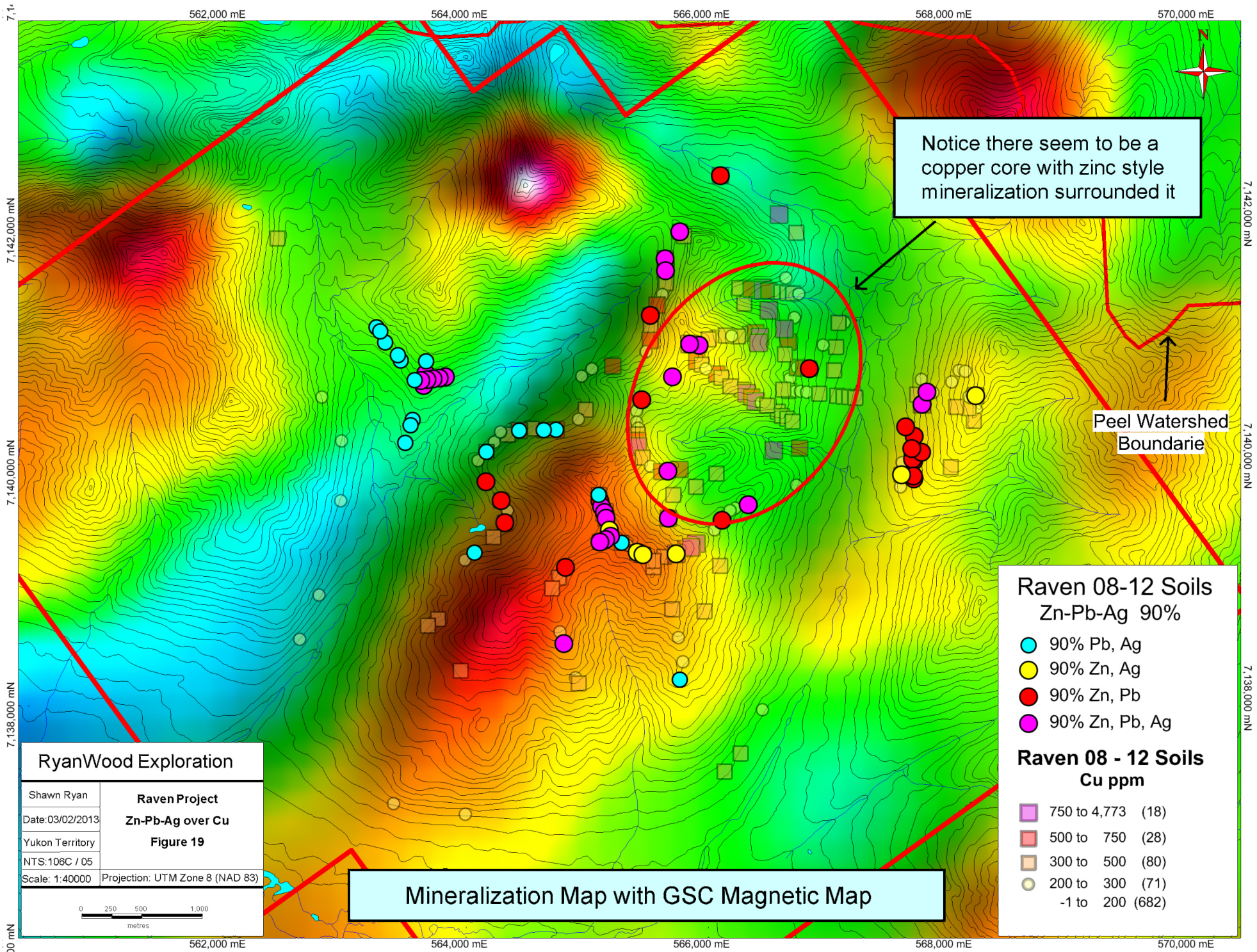
**Figure 16**



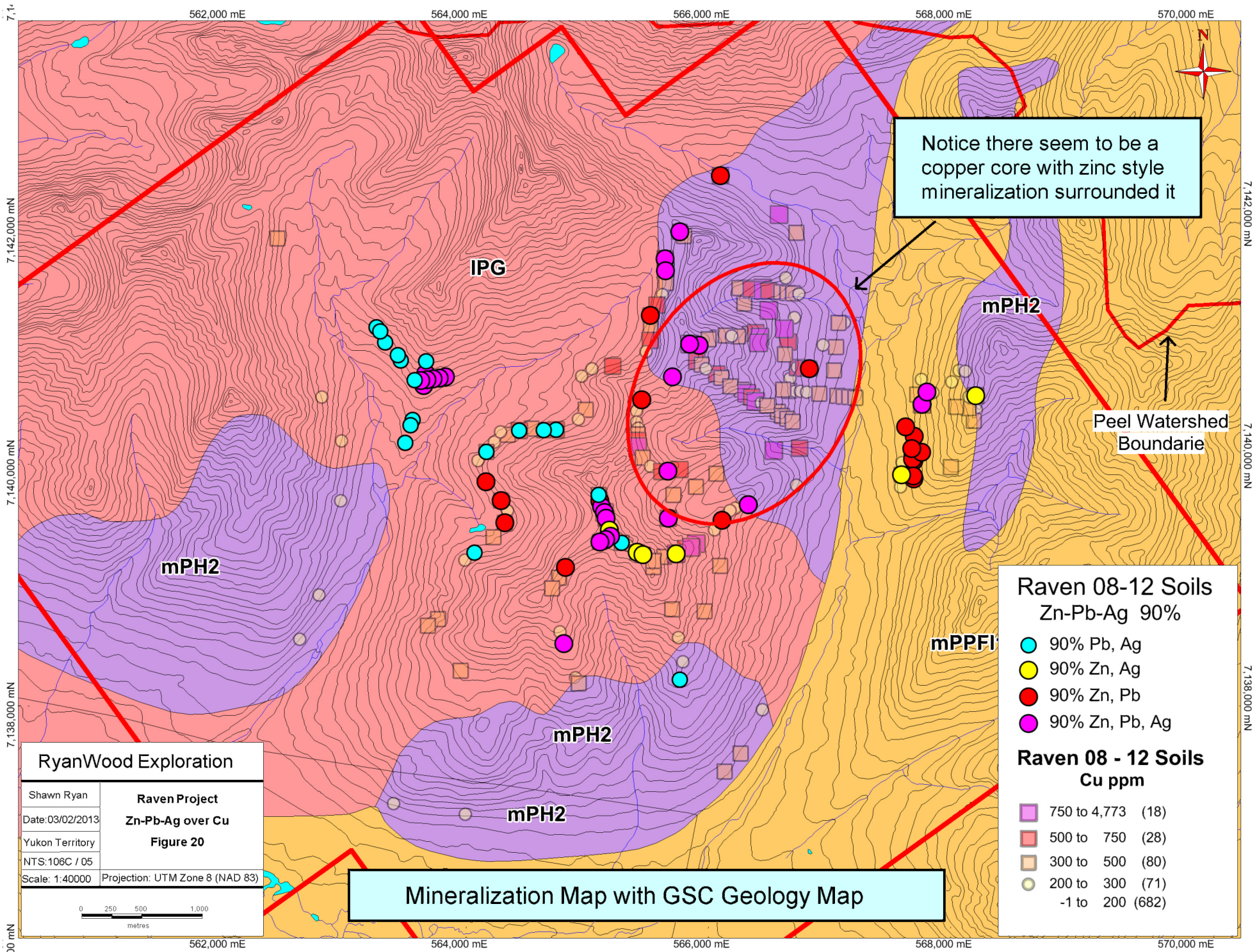
**Figure 17**



**Figure 18**



**Figure 19**

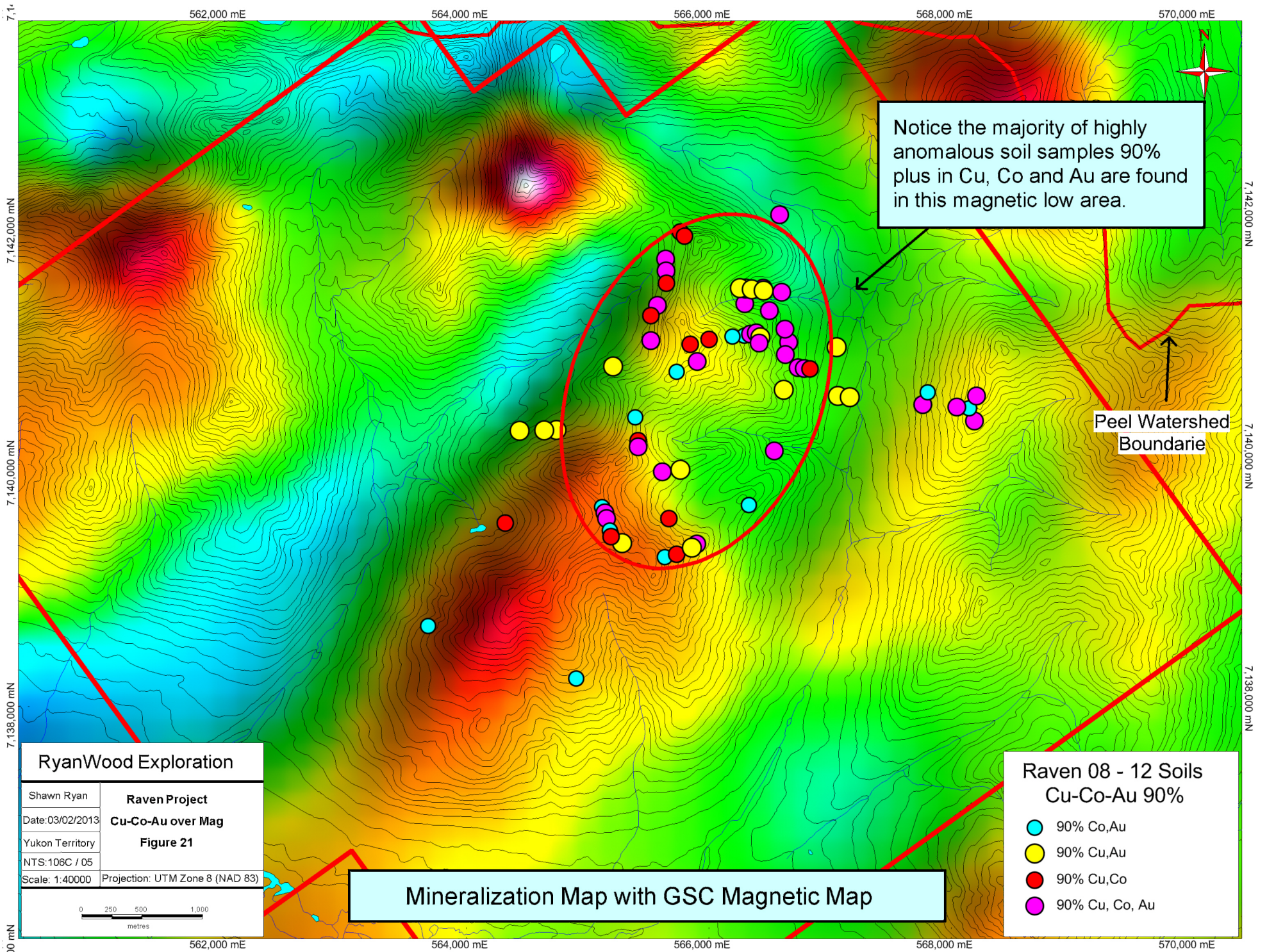


Notice there seem to be a copper core with zinc style mineralization surrounded it

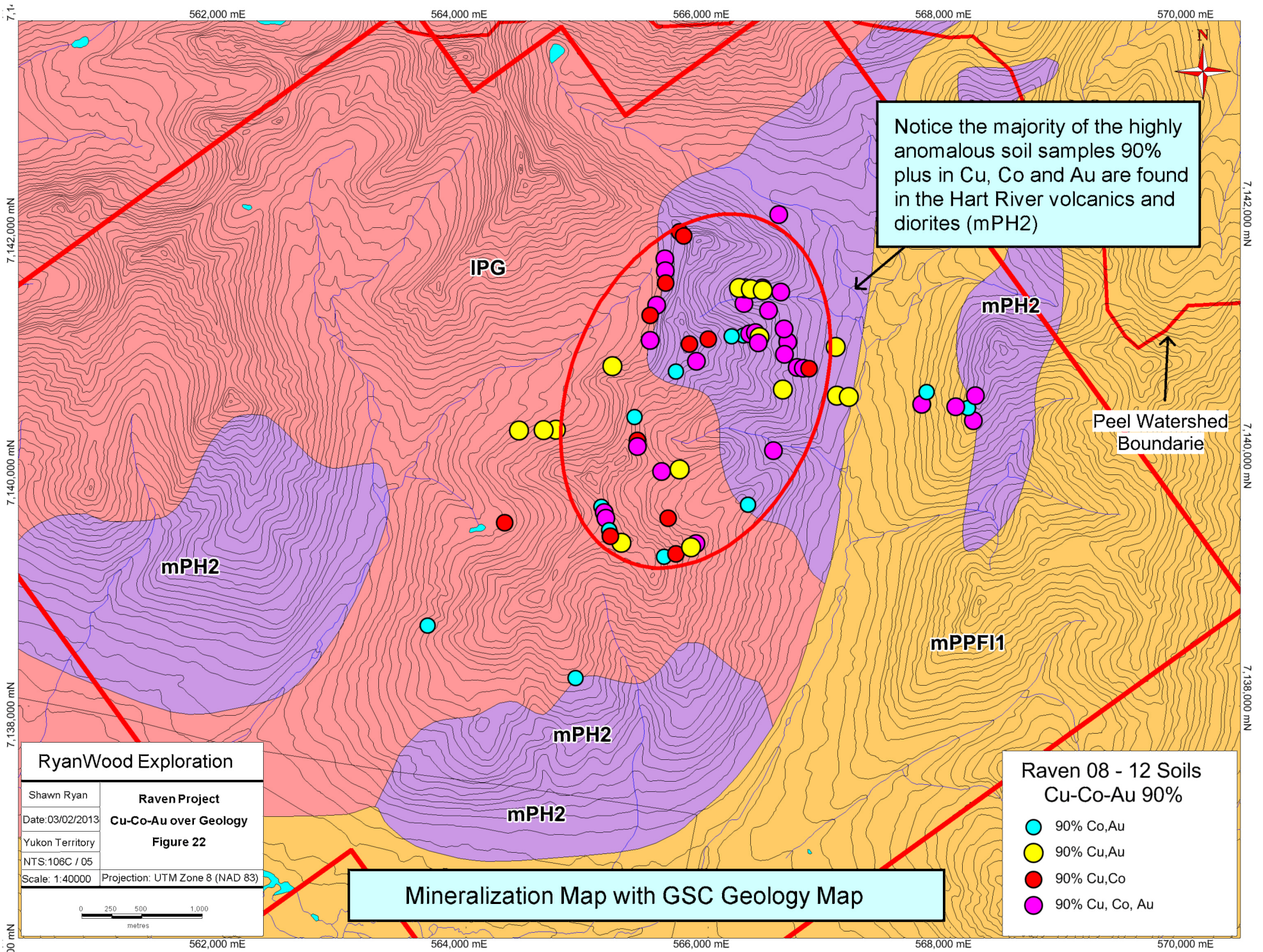
Peel Watershed Boundarie

**Mineralization Map with GSC Geology Map**

**Figure 20**



**Figure 21**



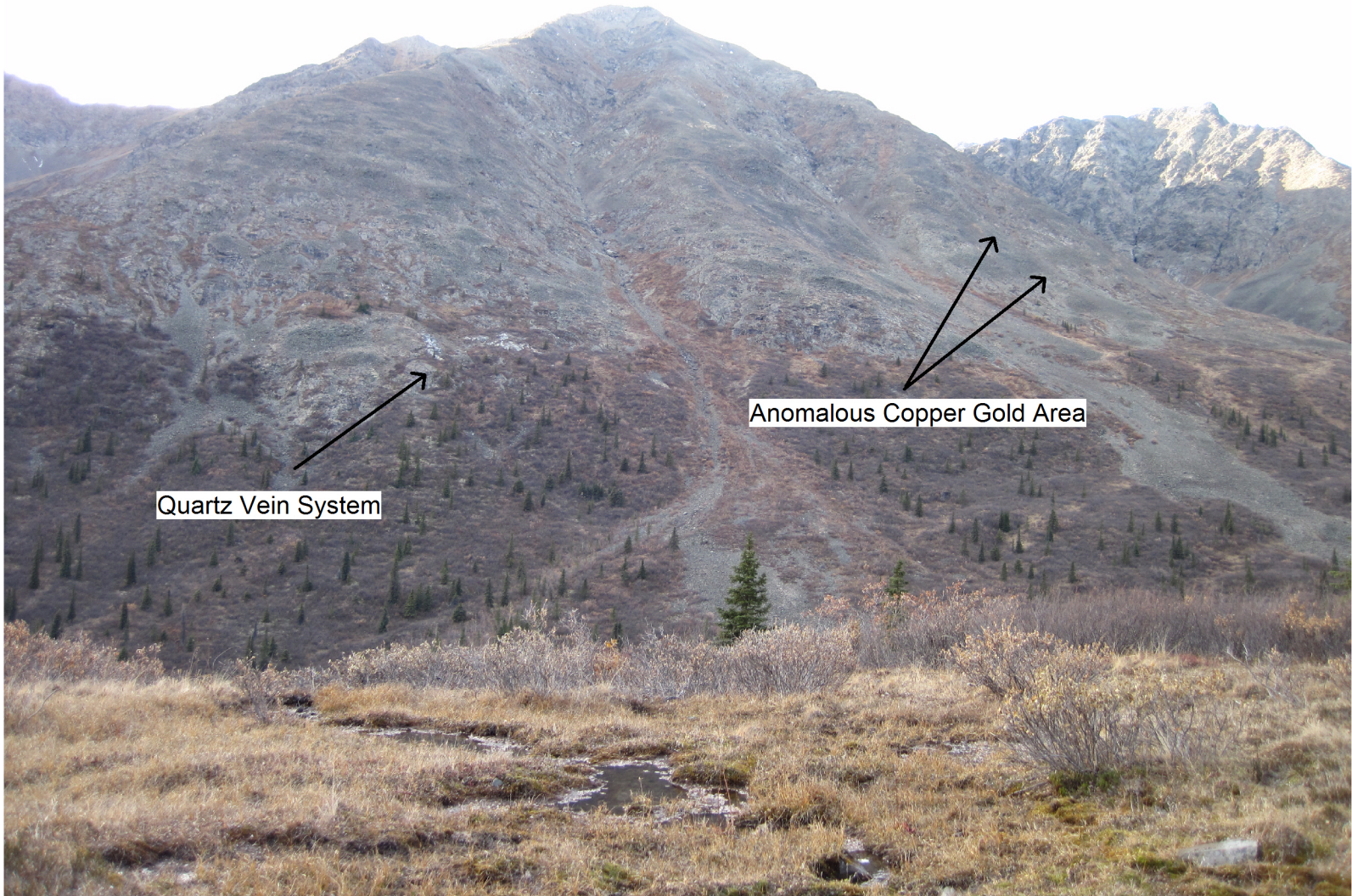
**Figure 22**



View Looking North From High Grade Rock sample Site 1369725



View Looking North Just down the Ridge From High Grade Rock sample Site 1369725  
Notice all the Rusty Weathering coming up threwh the Mafic Rocks



Quartz Vein System

Anomalous Copper Gold Area

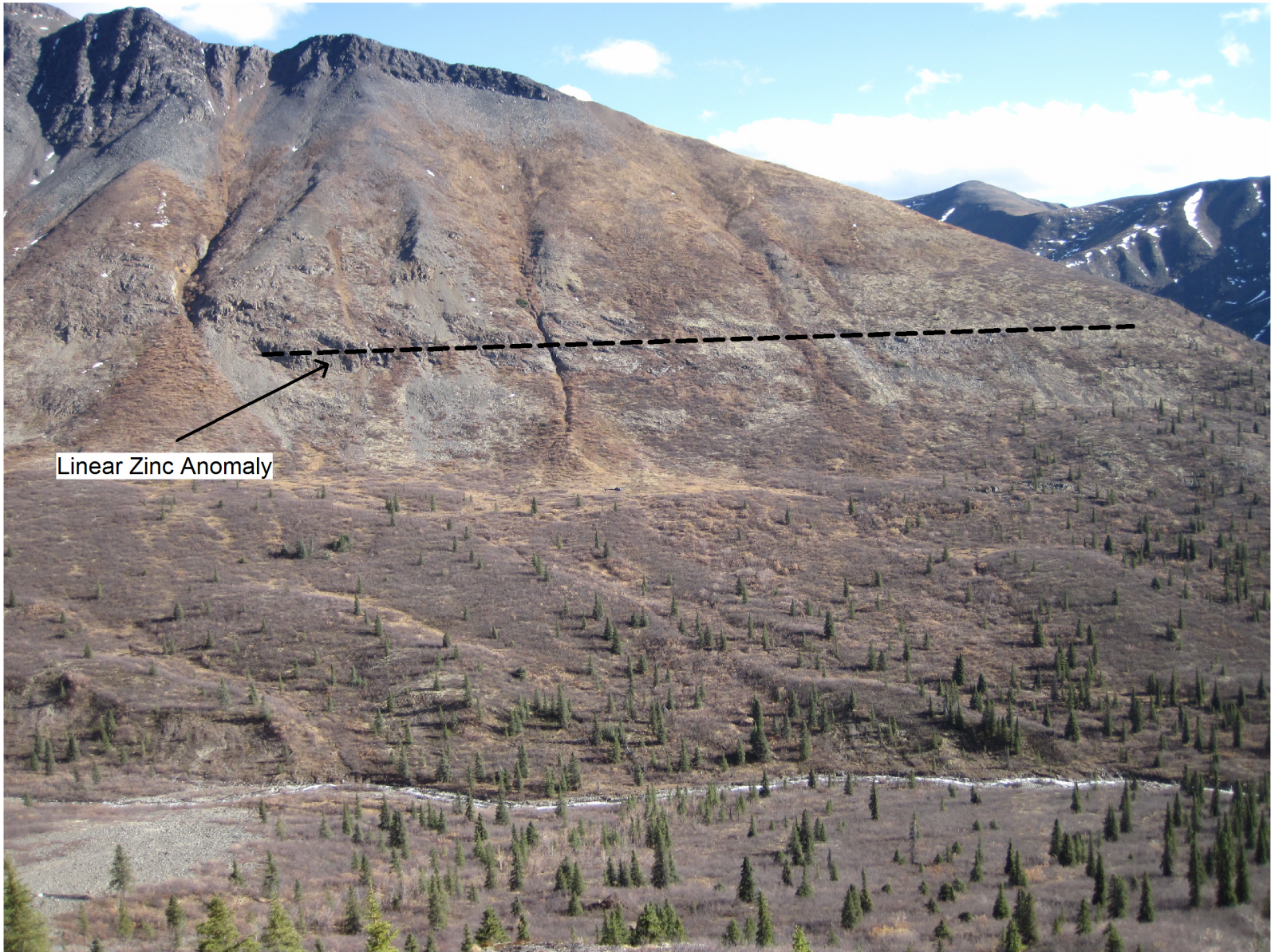
View Looking West at the Anomalous Copper Gold Area



Large Quartz Crystals East Facing Ridge Near the Copper Gold Soil Anomaly



View Looking North over Eastern Facing Slope over the anomalous  
Copper Gold Area Large Quartz System did not Run.



Linear Zinc Anomaly

View Looking East at the Anomalous Linear Zinc Anomaly



View Looking North up the Eastern Creek Drainage of the Raven Property

# Raven 2012 Soil Sample Assays And Descriptions

| sample_id | utm_zone   | utm_eastin | utm_northi | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|-----------|------------|------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1395360   | NAD 83 -Z8 | 563570     | 7141676    | 0.7    | 42.5   | 202.6  | 328    | 1.1    | 16.7   | 12.9   | 2814   | 3.1    | 21.6   | 0.7   |
| 1395360   | NAD 83 -Z8 | 563570     | 7141676    | 0.8    | 43.3   | 201.1  | 326    | 1.1    | 15.9   | 12.7   | 2801   | 3.09   | 22     | 0.7   |
| 1395361   | NAD 83 -Z8 | 563541     | 7141634    | 0.4    | 15.8   | 93.3   | 306    | 0.4    | 15.7   | 8.7    | 2127   | 2.87   | 7.8    | 0.6   |
| 1395362   | NAD 83 -Z8 | 563491     | 7141620    | 0.8    | 19.9   | 32.2   | 90     | 0.2    | 24.8   | 12.6   | 2140   | 3.66   | 10     | 1.2   |
| 1395362   | NAD 83 -Z8 | 563491     | 7141620    | 0.8    | 20.9   | 33.2   | 94     | 0.2    | 25.7   | 13.5   | 2257   | 3.87   | 10.9   | 1.2   |
| 1395363   | NAD 83 -Z8 | 563450     | 7141590    | 1.2    | 36.2   | 119.1  | 576    | 0.5    | 31.3   | 14.2   | 1034   | 3.06   | 13.2   | 0.9   |
| 1395364   | NAD 83 -Z8 | 563419     | 7141549    | 0.8    | 47.6   | 390    | 385    | 1.4    | 23     | 14     | 2625   | 4.9    | 9.7    | 1.3   |
| 1395365   | NAD 83 -Z8 | 563375     | 7141522    | 0.7    | 26.2   | 68.9   | 114    | 0.2    | 27.9   | 17.6   | 3361   | 5.3    | 8.8    | 1.2   |
| 1395366   | NAD 83 -Z8 | 563338     | 7141488    | 0.7    | 22.6   | 79.7   | 118    | 0.2    | 19.5   | 16     | 2561   | 4.79   | 8.9    | 1.2   |
| 1395367   | NAD 83 -Z8 | 563305     | 7141452    | 0.8    | 31.7   | 36.3   | 111    | 0.4    | 24.4   | 16.4   | 1108   | 3.29   | 13.4   | 1.5   |
| 1395368   | NAD 83 -Z8 | 563275     | 7141410    | 0.8    | 42     | 25.5   | 98     | 0.3    | 25.3   | 18.3   | 1917   | 3.04   | 12.2   | 1.4   |
| 1395369   | NAD 83 -Z8 | 563237     | 7141378    | 0.6    | 24     | 27.5   | 158    | 0.2    | 21.5   | 12.1   | 1113   | 2.45   | 9.9    | 1     |
| 1395370   | NAD 83 -Z8 | 563195     | 7141351    | 1.7    | 39.3   | 89.4   | 258    | 1.1    | 37.9   | 38.7   | 2577   | 4.82   | 22.4   | 2.8   |
| 1395371   | NAD 83 -Z8 | 563153     | 7141319    | 1.1    | 35.2   | 79.2   | 374    | 1.1    | 26.3   | 18.9   | 2830   | 4.11   | 15.9   | 1.4   |
| 1395372   | NAD 83 -Z8 | 563164     | 7141271    | 1.1    | 29.8   | 45.2   | 167    | 0.4    | 33.4   | 41.9   | 2836   | 4.62   | 23.8   | 2     |
| 1395373   | NAD 83 -Z8 | 563193     | 7141229    | 0.6    | 29.2   | 97.8   | 344    | 0.6    | 20.8   | 14.8   | 2695   | 3.55   | 16.1   | 1.1   |
| 1395374   | NAD 83 -Z8 | 563223     | 7141190    | 0.5    | 20.5   | 74.6   | 183    | 0.8    | 19     | 11.1   | 2619   | 3.26   | 10.2   | 1.1   |
| 1395375   | NAD 83 -Z8 | 563223     | 7141190    | 0.7    | 27.8   | 106.2  | 259    | 0.8    | 20.7   | 12     | 3432   | 4.16   | 12.4   | 1.1   |
| 1396476   | NAD 83 -Z8 | 563258     | 7141147    | 0.8    | 35.6   | 1051.7 | 1036   | 3.5    | 22.6   | 13     | 6526   | 5.05   | 32.3   | 1     |
| 1396477   | NAD 83 -Z8 | 563288     | 7141111    | 0.6    | 25.8   | 634.3  | 1140   | 2      | 20     | 12.1   | 5353   | 4.83   | 18.9   | 0.9   |
| 1396478   | NAD 83 -Z8 | 563317     | 7141069    | 0.4    | 43.4   | 463.8  | 753    | 1.1    | 30     | 19.9   | 4444   | 4.68   | 29     | 0.8   |
| 1360002   | NAD 83 -Z8 | 563637     | 7141671    | 0.6    | 39.5   | 352.3  | 497    | 0.9    | 16.4   | 16.4   | 2674   | 3.09   | 17.5   | 0.7   |
| 1360003   | NAD 83 -Z8 | 563670     | 7141718    | 0.5    | 60.2   | 43.4   | 92     | 0.3    | 14.9   | 13.7   | 1579   | 2.87   | 10.1   | 0.5   |
| 1360005   | NAD 83 -Z8 | 563697     | 7141761    | 0.7    | 60.3   | 41.8   | 108    | 0.5    | 17.8   | 15.6   | 2360   | 3.65   | 11.8   | 0.6   |
| 1360006   | NAD 83 -Z8 | 563726     | 7141803    | 0.4    | 21.5   | 52.9   | 114    | 0.5    | 14.2   | 9.9    | 3849   | 4.51   | 10.8   | 0.6   |
| 1360007   | NAD 83 -Z8 | 563751     | 7141847    | 0.6    | 41.6   | 29.5   | 93     | 0.5    | 20.8   | 13     | 2067   | 3.77   | 15.2   | 0.7   |
| 1360008   | NAD 83 -Z8 | 563775     | 7141892    | 0.8    | 48.7   | 26     | 83     | 0.3    | 23.7   | 17.2   | 1815   | 3.18   | 15.1   | 0.8   |
| 1360009   | NAD 83 -Z8 | 563804     | 7141931    | 0.7    | 22.2   | 34.7   | 88     | 0.4    | 18.1   | 12.7   | 1980   | 3.2    | 14.1   | 0.7   |
| 1360010   | NAD 83 -Z8 | 563814     | 7141980    | 0.7    | 18.2   | 20.3   | 96     | 0.1    | 14.2   | 16.3   | 2262   | 3.61   | 9.9    | 1.4   |
| 1360011   | NAD 83 -Z8 | 563839     | 7142023    | 0.7    | 31.5   | 47.2   | 140    | 0.7    | 17.6   | 17.2   | 1829   | 2.42   | 23.4   | 0.7   |
| 1360012   | NAD 83 -Z8 | 563855     | 7142070    | 1.2    | 26.5   | 64     | 178    | 0.4    | 28.7   | 19.9   | 5560   | 6.04   | 14.5   | 1     |
| 1360013   | NAD 83 -Z8 | 563872     | 7142118    | 0.6    | 34.5   | 76.9   | 167    | 0.3    | 29.4   | 25.1   | 1798   | 2.55   | 17.4   | 1     |
| 1360014   | NAD 83 -Z8 | 563897     | 7142162    | 0.8    | 43.7   | 165.8  | 781    | 0.7    | 35.2   | 21.9   | 1344   | 3.36   | 17.5   | 1.2   |
| 1360014   | NAD 83 -Z8 | 563897     | 7142162    | 0.7    | 41.1   | 160.9  | 760    | 0.6    | 32.2   | 21.1   | 1308   | 3.26   | 17     | 1.2   |
| 1360016   | NAD 83 -Z8 | 563903     | 7142213    | 1      | 46.9   | 170.9  | 674    | 0.8    | 32.5   | 22.6   | 3322   | 4.87   | 19.8   | 1.3   |
| 1360017   | NAD 83 -Z8 | 563889     | 7142263    | 0.7    | 70.4   | 271.2  | 874    | 1.3    | 34.9   | 27.3   | 2229   | 3.68   | 25.9   | 0.9   |
| 1360018   | NAD 83 -Z8 | 563852     | 7142299    | 1.1    | 50     | 42.5   | 263    | 0.3    | 25.4   | 25.4   | 2862   | 3.84   | 35.5   | 1.1   |
| 1360019   | NAD 83 -Z8 | 563811     | 7142329    | 1.1    | 43.8   | 27.4   | 251    | 0.3    | 30.4   | 23.5   | 2388   | 4.98   | 19.2   | 1.5   |
| 1360020   | NAD 83 -Z8 | 563786     | 7142372    | 0.6    | 44.2   | 69.5   | 200    | 0.3    | 22.4   | 13.8   | 1990   | 5.55   | 14.8   | 0.9   |
| 1360021   | NAD 83 -Z8 | 563735     | 7142377    | 0.8    | 117    | 120.9  | 398    | 0.6    | 42.6   | 36.4   | 2671   | 4.37   | 35.7   | 0.7   |
| 1360022   | NAD 83 -Z8 | 563686     | 7142368    | 0.9    | 125.2  | 110.9  | 352    | 0.8    | 47.5   | 36.5   | 2512   | 5.02   | 28.2   | 0.9   |
| 1360502   | NAD 83 -Z8 | 564992     | 7141580    | 2.5    | 40.1   | 230.5  | 267    | 0.6    | 36.6   | 15.4   | 2098   | 5.45   | 25     | 1     |
| 1360503   | NAD 83 -Z8 | 564953     | 7141548    | 1.7    | 33.8   | 55.8   | 126    | 0.2    | 15.7   | 11     | 2439   | 3.98   | 14.1   | 0.7   |
| 1360504   | NAD 83 -Z8 | 564916     | 7141516    | 2.4    | 62.2   | 189.9  | 230    | 10     | 31     | 14.5   | 1171   | 4.6    | 23.1   | 0.8   |
| 1360505   | NAD 83 -Z8 | 564880     | 7141481    | 2.1    | 25.2   | 88.4   | 184    | 0.2    | 16.7   | 20.9   | 4493   | 3.61   | 14     | 0.5   |
| 1360506   | NAD 83 -Z8 | 564843     | 7141446    | 3.1    | 45.2   | 99.1   | 213    | 0.3    | 38.6   | 15.3   | 1124   | 4.2    | 20.2   | 0.8   |

| sample_id | au_ppb | th_ppm | 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 |
|-----------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1395360   | 0.25   | 3.4    | 21     | 1.7    | 10.1   | 0.4    | 33    | 8.13   | 0.095 | 18     | 8      | 5.05   | 148    | 0.011  | 4     | 0.49   | 0.007  |
| 1395360   | 0.25   | 3.2    | 20     | 1.7    | 9.8    | 0.5    | 34    | 7.89   | 0.096 | 18     | 7      | 4.93   | 148    | 0.011  | 4     | 0.49   | 0.007  |
| 1395361   | 0.8    | 2.9    | 36     | 1      | 2.5    | 0.2    | 12    | 6.32   | 0.061 | 13     | 8      | 3.45   | 149    | 0.013  | 4     | 0.48   | 0.009  |
| 1395362   | 2.6    | 3      | 10     | 0.4    | 1.7    | 0.2    | 34    | 0.41   | 0.067 | 22     | 18     | 0.56   | 126    | 0.021  | 3     | 1.03   | 0.006  |
| 1395362   | 1.2    | 2.8    | 11     | 0.4    | 1.8    | 0.2    | 36    | 0.43   | 0.071 | 24     | 19     | 0.59   | 134    | 0.026  | 3     | 1.11   | 0.006  |
| 1395363   | 1.5    | 6.9    | 30     | 1.9    | 2.6    | 0.3    | 49    | 1.84   | 0.1   | 19     | 29     | 1.44   | 172    | 0.065  | 2     | 1.18   | 0.016  |
| 1395364   | 2.4    | 3.8    | 13     | 1.5    | 3.5    | 0.3    | 44    | 1.06   | 0.096 | 21     | 24     | 1.25   | 83     | 0.046  | 4     | 1.21   | 0.015  |
| 1395365   | 1      | 3.1    | 13     | 0.4    | 1.6    | 0.5    | 44    | 1.27   | 0.086 | 18     | 26     | 1.84   | 82     | 0.027  | 3     | 1.48   | 0.009  |
| 1395366   | 1.3    | 1.7    | 10     | 0.3    | 2.6    | 0.6    | 41    | 0.81   | 0.092 | 21     | 14     | 0.7    | 99     | 0.022  | 2     | 1.06   | 0.009  |
| 1395367   | 2.2    | 4.5    | 11     | 0.2    | 3.7    | 0.5    | 24    | 0.55   | 0.084 | 19     | 14     | 0.67   | 63     | 0.022  | 4     | 0.94   | 0.014  |
| 1395368   | 0.9    | 5.1    | 9      | 0.3    | 4.2    | 0.3    | 21    | 2.3    | 0.071 | 17     | 15     | 2.06   | 82     | 0.019  | 5     | 1.12   | 0.006  |
| 1395369   | 1      | 4.9    | 13     | 0.4    | 2.4    | 0.2    | 22    | 3.75   | 0.061 | 17     | 17     | 3.22   | 70     | 0.024  | 5     | 1.2    | 0.007  |
| 1395370   | 1.8    | 3.3    | 8      | 0.9    | 7      | 0.3    | 39    | 0.41   | 0.075 | 29     | 17     | 0.77   | 114    | 0.023  | 3     | 1.28   | 0.005  |
| 1395371   | 1.1    | 2.3    | 7      | 1.8    | 6.2    | 0.3    | 23    | 1.12   | 0.084 | 22     | 13     | 0.92   | 87     | 0.013  | 6     | 0.85   | 0.005  |
| 1395372   | 2.1    | 3.1    | 8      | 0.6    | 4.2    | 0.3    | 29    | 0.79   | 0.082 | 24     | 16     | 0.94   | 126    | 0.017  | 6     | 1.09   | 0.005  |
| 1395373   | 1      | 2.2    | 10     | 1.7    | 4.9    | 0.2    | 20    | 2.81   | 0.073 | 18     | 12     | 1.86   | 111    | 0.011  | 4     | 0.84   | 0.005  |
| 1395374   | 0.25   | 2.4    | 7      | 0.9    | 3.9    | 0.3    | 19    | 0.55   | 0.057 | 22     | 11     | 0.79   | 99     | 0.01   | 4     | 0.89   | 0.003  |
| 1395375   | 0.25   | 2.1    | 9      | 1.2    | 5.1    | 0.3    | 22    | 0.89   | 0.078 | 20     | 12     | 0.82   | 116    | 0.01   | 4     | 0.91   | 0.004  |
| 1396476   | 0.9    | 2.3    | 16     | 5.8    | 8.9    | 0.5    | 21    | 3.14   | 0.086 | 19     | 10     | 1.83   | 135    | 0.011  | 4     | 0.66   | 0.005  |
| 1396477   | 0.5    | 1.6    | 15     | 6.7    | 7.7    | 0.5    | 20    | 4.75   | 0.079 | 15     | 10     | 2.84   | 110    | 0.008  | 4     | 0.64   | 0.005  |
| 1396478   | 2.2    | 3.7    | 24     | 3.3    | 4.9    | 0.3    | 39    | 7.08   | 0.078 | 16     | 14     | 4.68   | 114    | 0.038  | 2     | 0.95   | 0.005  |
| 1360002   | 2.4    | 2.7    | 22     | 2.7    | 6.3    | 0.4    | 40    | 8.2    | 0.072 | 13     | 5      | 5.44   | 161    | 0.019  | 1     | 0.57   | 0.005  |
| 1360003   | 5.1    | 2.6    | 15     | 0.3    | 2.8    | 0.3    | 38    | 4.97   | 0.092 | 16     | 8      | 3.33   | 70     | 0.038  | 0.5   | 0.62   | 0.005  |
| 1360005   | 1.1    | 3.9    | 18     | 0.4    | 3.6    | 0.2    | 45    | 7.87   | 0.084 | 19     | 11     | 5.34   | 94     | 0.068  | 2     | 0.78   | 0.008  |
| 1360006   | 0.25   | 1.4    | 12     | 0.5    | 3.1    | 0.3    | 15    | 5.87   | 0.074 | 15     | 8      | 3.49   | 205    | 0.009  | 3     | 0.54   | 0.009  |
| 1360007   | 1.5    | 2.2    | 10     | 0.3    | 3.7    | 0.5    | 29    | 2.86   | 0.08  | 20     | 10     | 2.03   | 60     | 0.02   | 2     | 0.72   | 0.005  |
| 1360008   | 0.9    | 4.5    | 17     | 0.3    | 3.1    | 0.3    | 39    | 7.29   | 0.072 | 15     | 14     | 5.09   | 67     | 0.045  | 3     | 0.92   | 0.006  |
| 1360009   | 1.3    | 3.8    | 15     | 0.3    | 3.6    | 0.5    | 12    | 5      | 0.063 | 18     | 10     | 2.93   | 54     | 0.012  | 4     | 0.46   | 0.009  |
| 1360010   | 1      | 1.5    | 7      | 0.5    | 1.5    | 0.3    | 21    | 0.78   | 0.09  | 18     | 12     | 0.42   | 99     | 0.01   | 2     | 0.81   | 0.005  |
| 1360011   | 1.4    | 5.7    | 20     | 1.1    | 4.4    | 0.7    | 5     | 10.93  | 0.047 | 12     | 4      | 6.25   | 52     | 0.003  | 2     | 0.21   | 0.006  |
| 1360012   | 1.7    | 4.6    | 8      | 0.6    | 2.7    | 0.9    | 18    | 2.63   | 0.075 | 18     | 8      | 1.44   | 205    | 0.011  | 3     | 0.56   | 0.005  |
| 1360013   | 0.8    | 5.7    | 15     | 0.8    | 4      | 0.3    | 8     | 8.46   | 0.055 | 14     | 5      | 5.1    | 119    | 0.005  | 4     | 0.32   | 0.006  |
| 1360014   | 0.7    | 4.9    | 10     | 2.1    | 4.4    | 0.4    | 33    | 2.37   | 0.074 | 22     | 16     | 1.8    | 139    | 0.027  | 3     | 0.97   | 0.006  |
| 1360014   | 2.2    | 4.6    | 10     | 2      | 4.3    | 0.4    | 32    | 2.3    | 0.07  | 21     | 16     | 1.72   | 136    | 0.026  | 2     | 0.93   | 0.006  |
| 1360016   | 2.7    | 2.5    | 8      | 2.3    | 4.9    | 0.5    | 30    | 2.27   | 0.076 | 23     | 17     | 1.65   | 251    | 0.017  | 4     | 0.87   | 0.007  |
| 1360017   | 4.2    | 4.4    | 15     | 3.5    | 8.7    | 0.8    | 36    | 6.36   | 0.086 | 17     | 12     | 4.4    | 171    | 0.02   | 4     | 0.71   | 0.005  |
| 1360018   | 2.9    | 2.4    | 6      | 0.7    | 3.8    | 1.1    | 19    | 1.23   | 0.056 | 17     | 8      | 0.89   | 101    | 0.01   | 3     | 0.46   | 0.004  |
| 1360019   | 1.1    | 3.2    | 8      | 0.6    | 1.5    | 0.5    | 33    | 0.34   | 0.066 | 25     | 20     | 0.7    | 92     | 0.02   | 2     | 1.14   | 0.005  |
| 1360020   | 1.2    | 1.7    | 7      | 0.4    | 1.9    | 0.6    | 28    | 0.7    | 0.122 | 15     | 17     | 0.74   | 43     | 0.01   | 2     | 0.98   | 0.003  |
| 1360021   | 3.2    | 4      | 11     | 1.4    | 2.9    | 0.6    | 40    | 3.59   | 0.069 | 12     | 16     | 2.98   | 58     | 0.016  | 3     | 0.87   | 0.003  |
| 1360022   | 2.8    | 5.3    | 5      | 1.2    | 4      | 0.8    | 37    | 0.43   | 0.075 | 16     | 16     | 1.1    | 56     | 0.026  | 2     | 1.04   | 0.003  |
| 1360502   | 2.8    | 3      | 7      | 1      | 4.2    | 0.6    | 31    | 0.18   | 0.103 | 23     | 20     | 0.46   | 112    | 0.01   | 2     | 1.03   | 0.003  |
| 1360503   | 3.6    | 0.4    | 7      | 0.4    | 2.8    | 0.6    | 38    | 0.16   | 0.221 | 8      | 17     | 0.18   | 145    | 0.006  | 2     | 0.81   | 0.005  |
| 1360504   | 1.4    | 2.8    | 8      | 0.4    | 13.8   | 0.9    | 37    | 0.38   | 0.097 | 24     | 20     | 0.57   | 89     | 0.015  | 2     | 1.04   | 0.004  |
| 1360505   | 0.8    | 0.5    | 7      | 1      | 2.4    | 0.4    | 29    | 0.16   | 0.146 | 12     | 16     | 0.26   | 184    | 0.005  | 3     | 0.66   | 0.003  |
| 1360506   | 2      | 1.7    | 7      | 0.6    | 3.9    | 0.5    | 37    | 0.18   | 0.103 | 21     | 24     | 0.82   | 85     | 0.011  | 2     | 1.34   | 0.003  |

| sample_id | k_pct | w_ppm | hg_ppm | sc_ppm | tl_ppm | s_pct | ga_ppm | se_ppm | te_ppm | analysis | job_number  | colour          | moisture |
|-----------|-------|-------|--------|--------|--------|-------|--------|--------|--------|----------|-------------|-----------------|----------|
| 1395360   | 0.08  | 0.05  | 0.03   | 5.1    | 0.1    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1395360   | 0.08  | 0.05  | 0.04   | 5      | 0.1    | 0.025 | 2      | 0.5    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1395361   | 0.12  | 0.05  | 0.05   | 2.8    | 0.05   | 0.025 | 1      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |
| 1395362   | 0.11  | 0.05  | 0.05   | 4.3    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1395362   | 0.12  | 0.1   | 0.05   | 4.5    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1395363   | 0.1   | 0.2   | 0.04   | 5.1    | 0.1    | 0.025 | 4      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Greyish Green   | Damp     |
| 1395364   | 0.16  | 0.05  | 0.06   | 6.1    | 0.2    | 0.025 | 4      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1395365   | 0.1   | 0.05  | 0.07   | 6      | 0.2    | 0.025 | 5      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1395366   | 0.1   | 0.05  | 0.06   | 4.5    | 0.2    | 0.06  | 4      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1395367   | 0.26  | 0.05  | 0.06   | 4.6    | 0.3    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1395368   | 0.55  | 0.05  | 0.03   | 4      | 0.4    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1395369   | 0.59  | 0.05  | 0.03   | 3.5    | 0.4    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1395370   | 0.22  | 0.05  | 0.05   | 5.3    | 0.4    | 0.025 | 4      | 1.1    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1395371   | 0.21  | 0.05  | 0.07   | 3.9    | 0.4    | 0.025 | 2      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1395372   | 0.29  | 0.05  | 0.07   | 4.8    | 0.5    | 0.025 | 3      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1395373   | 0.24  | 0.05  | 0.04   | 3      | 0.3    | 0.025 | 2      | 0.9    | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |
| 1395374   | 0.33  | 0.05  | 0.03   | 3.4    | 0.2    | 0.025 | 2      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1395375   | 0.25  | 0.05  | 0.04   | 3.5    | 0.2    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1396476   | 0.16  | 0.05  | 0.05   | 3.4    | 0.2    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1396477   | 0.1   | 0.05  | 0.06   | 2.7    | 0.3    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |
| 1396478   | 0.07  | 0.05  | 0.07   | 5.3    | 0.3    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |
| 1360002   | 0.06  | 0.05  | 0.02   | 3.7    | 0.1    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Reddish Brown   | Damp     |
| 1360003   | 0.09  | 0.05  | 0.03   | 3      | 0.1    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Reddish Brown   | Dry      |
| 1360005   | 0.12  | 0.05  | 0.04   | 4.3    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Dry      |
| 1360006   | 0.09  | 0.05  | 0.06   | 2.4    | 0.1    | 0.025 | 1      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360007   | 0.1   | 0.05  | 0.05   | 3.7    | 0.1    | 0.025 | 2      | 0.7    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360008   | 0.2   | 0.05  | 0.03   | 4.5    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360009   | 0.16  | 0.05  | 0.04   | 3.4    | 0.2    | 0.025 | 1      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Reddish Brown   | Damp     |
| 1360010   | 0.15  | 0.05  | 0.03   | 2.9    | 0.2    | 0.09  | 2      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360011   | 0.11  | 0.05  | 0.02   | 2.8    | 0.1    | 0.025 | 0.5    | 0.25   | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360012   | 0.09  | 0.05  | 0.07   | 5.7    | 0.2    | 0.025 | 1      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Reddish Brown   | Dry      |
| 1360013   | 0.13  | 0.05  | 0.05   | 3.4    | 0.3    | 0.025 | 0.5    | 0.25   | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Dry      |
| 1360014   | 0.12  | 0.1   | 0.06   | 4.9    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Reddish Brown   | Dry      |
| 1360014   | 0.11  | 0.05  | 0.06   | 4.5    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Reddish Brown   | Dry      |
| 1360016   | 0.11  | 0.05  | 0.05   | 4.9    | 0.2    | 0.06  | 2      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Dry      |
| 1360017   | 0.08  | 0.05  | 0.05   | 5.2    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Dry      |
| 1360018   | 0.06  | 0.05  | 0.09   | 3.6    | 0.2    | 0.025 | 1      | 0.6    | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1360019   | 0.1   | 0.05  | 0.03   | 4.6    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Dry      |
| 1360020   | 0.07  | 0.05  | 0.04   | 4.1    | 0.1    | 0.07  | 3      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Dry      |
| 1360021   | 0.12  | 0.05  | 0.05   | 7.6    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1360022   | 0.13  | 0.05  | 0.06   | 7.6    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1360502   | 0.07  | 0.05  | 0.06   | 5.8    | 0.2    | 0.025 | 3      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360503   | 0.05  | 0.05  | 0.05   | 0.9    | 0.3    | 0.14  | 4      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360504   | 0.11  | 0.05  | 0.12   | 6.6    | 0.3    | 0.025 | 3      | 0.9    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360505   | 0.1   | 0.05  | 0.02   | 0.8    | 0.3    | 0.06  | 4      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360506   | 0.09  | 0.05  | 0.03   | 2.5    | 0.2    | 0.025 | 4      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |

| sample_id | site_slope       | depth | horizon | site_veget    | ground_cov      | quality   | note1           | note2           |
|-----------|------------------|-------|---------|---------------|-----------------|-----------|-----------------|-----------------|
| 1395360   | Pronounced Slope | 20    | B       | No Tree Cover | Rock Cover      | Good      | Fine            | Talus           |
| 1395360   | Pronounced Slope | 20    | B       | No Tree Cover | Rock Cover      | Good      | Fine            | Talus           |
| 1395361   | Pronounced Slope | 10    | B       | No Tree Cover | Rock Cover      | Good      | Rocky           | Talus           |
| 1395362   | Subtle Slope     | 30    | B       | No Tree Cover | Thin Moss Cover | Good      | Coarse          | Dull Red Rust   |
| 1395362   | Subtle Slope     | 30    | B       | No Tree Cover | Thin Moss Cover | Good      | Coarse          | Dull Red Rust   |
| 1395363   | Subtle Slope     | 40    | B       | No Tree Cover | Thin Moss Cover | Good      | Rocky           |                 |
| 1395364   | Pronounced Slope | 10    | B       | No Tree Cover | Rock Cover      | Good      | Rocky           | Talus           |
| 1395365   | Pronounced Slope | 40    | B       | No Tree Cover | Thin Moss Cover | Good      | Coarse          | Rocky           |
| 1395366   | Pronounced Slope | 30    | B       | No Tree Cover | Rock Cover      | Good      | Rocky Terrain   | Rusty Rock Chip |
| 1395367   | Pronounced Slope | 20    | B       | No Tree Cover | Rock Cover      | Good      | Rocky           | Talus           |
| 1395368   | Steep            | 30    | C       | No Tree Cover | Rock Cover      | Excellent | Coarse          | Rocky Terrain   |
| 1395369   | Steep            | 40    | C       | No Tree Cover | Rock Cover      | Good      | Coarse          | Rocky           |
| 1395370   | Steep            | 20    | B       | No Tree Cover | Thin Moss Cover | Good      | Coarse          | Rocky Terrain   |
| 1395371   | Pronounced Slope | 50    | C       | No Tree Cover | Thin Moss Cover | Good      | Coarse          | Rocky           |
| 1395372   | Steep            | 20    | B       | No Tree Cover | Bare Soil       | Good      | Rocky           |                 |
| 1395373   | Pronounced Slope | 40    | B       | No Tree Cover | Bare Soil       | Good      | Coarse          | Rocky           |
| 1395374   | Steep            | 50    | B       | No Tree Cover | Thin Moss Cover | Good      | Clay            | Rocky Terrain   |
| 1395375   | Steep            | 50    | B       | No Tree Cover | Thin Moss Cover | Good      | Clay            | Rocky Terrain   |
| 1396476   | Pronounced Slope | 40    | B       | No Tree Cover | Grass Cover     | Good      | Rocky Terrain   |                 |
| 1396477   | Pronounced Slope | 50    | B       | No Tree Cover | Rock Cover      | Good      | Rocky           | Talus           |
| 1396478   | Pronounced Slope | 40    | B       | No Tree Cover | Thin Moss Cover | Good      | Rocky           | Rocky Terrain   |
| 1360002   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Coarse          | Talus           |
| 1360003   | Pronounced Slope | 40    | B       | No Tree Cover | Rock Cover      | Excellent | Talus           | Rocky Sample    |
| 1360005   | Pronounced Slope | 30    | C       | No Tree Cover | Rock Cover      | Excellent | Talus           | Rocky           |
| 1360006   | Pronounced Slope | 40    | C       | No Tree Cover | Thin Moss Cover | Good      | Fine            | Talus           |
| 1360007   | Pronounced Slope | 30    | C       | No Tree Cover | Thin Moss Cover | Excellent | Fine            | Talus           |
| 1360008   | Pronounced Slope | 20    | C       | No Tree Cover | Rock Cover      | Excellent | Talus           | Rocky Sample    |
| 1360009   | Pronounced Slope | 20    | C       | No Tree Cover | Thin Moss Cover | Excellent | Talus           | Rocky Sample    |
| 1360010   | Subtle Slope     | 20    | B       | No Tree Cover | Thin Moss Cover | Good      | Fine            | Talus           |
| 1360011   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Talus           | Rocky Sample    |
| 1360012   | Subtle Slope     | 10    | C       | No Tree Cover | Thin Moss Cover | Excellent | Talus           | Rocky Sample    |
| 1360013   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Coarse          | Talus           |
| 1360014   | Subtle Slope     | 30    | C       | No Tree Cover | Rock Cover      | Excellent | Talus           | Rocky           |
| 1360014   | Subtle Slope     | 30    | C       | No Tree Cover | Rock Cover      | Excellent | Talus           | Rocky           |
| 1360016   | Subtle Slope     | 20    | C       | No Tree Cover | Thin Moss Cover | Good      | Talus           | Rocky           |
| 1360017   | Subtle Slope     | 30    | B       | No Tree Cover | Rock Cover      | Good      | Talus           | Rocky           |
| 1360018   | Subtle Slope     | 30    | C       | No Tree Cover | Bare Soil       | Excellent | Talus           | Rocky           |
| 1360019   | Subtle Slope     | 20    | C       | No Tree Cover | Rock Cover      | Good      | Rocky           | Talus           |
| 1360020   | Pronounced Slope | 30    | C       | No Tree Cover | Thin Moss Cover | Excellent | Fine            | Talus           |
| 1360021   | Pronounced Slope | 30    | C       | No Tree Cover | Rock Cover      | Excellent | Coarse          | Talus           |
| 1360022   | Pronounced Slope | 30    | C       | No Tree Cover | Bare Soil       | Excellent | Coarse          | Talus           |
| 1360502   | Pronounced Slope | 70    | C       | No Tree Cover | Thin Moss Cover | Excellent | Rusty Rock Chip | Dull Red Rust   |
| 1360503   | Pronounced Slope | 50    | B       | No Tree Cover | Grass Cover     | Good      | Sandy           | Rusty Rock Chip |
| 1360504   | Pronounced Slope | 40    | C       | No Tree Cover | Grass Cover     | Excellent | Rusty Rock Chip | Coarse          |
| 1360505   | Pronounced Slope | 40    | C       | No Tree Cover | Grass Cover     | Good      | Rusty Rock Chip | Rocky Sample    |
| 1360506   | Pronounced Slope | 110   | C       | No Tree Cover | Grass Cover     | Excellent | Rusty Rock Chip | Coarse          |

| sample_id | utm_zone   | utm_eastin | utm_northi | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|-----------|------------|------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1360507   | NAD 83 -Z8 | 564806     | 7141412    | 2.2    | 33.1   | 90.1   | 165    | 0.05   | 30.4   | 15.4   | 1079   | 4.17   | 14.7   | 0.7   |
| 1360508   | NAD 83 -Z8 | 564768     | 7141379    | 0.4    | 26.1   | 88.8   | 172    | 0.4    | 26.2   | 21.4   | 2184   | 2.38   | 14.7   | 0.5   |
| 1360509   | NAD 83 -Z8 | 564733     | 7141345    | 0.8    | 41.6   | 79     | 180    | 0.5    | 28     | 19.4   | 2158   | 3.25   | 19.2   | 0.6   |
| 1360510   | NAD 83 -Z8 | 564695     | 7141311    | 0.5    | 23.7   | 73.5   | 183    | 0.4    | 22.4   | 16.6   | 2151   | 2.57   | 12.7   | 0.6   |
| 1360511   | NAD 83 -Z8 | 564656     | 7141278    | 1.8    | 42.1   | 87.8   | 207    | 0.4    | 37.9   | 18.3   | 1566   | 3.54   | 21.5   | 0.8   |
| 1360512   | NAD 83 -Z8 | 564621     | 7141243    | 1.5    | 31     | 117.3  | 126    | 0.4    | 26.8   | 14.6   | 2478   | 5.43   | 18.7   | 0.9   |
| 1360513   | NAD 83 -Z8 | 564583     | 7141210    | 2      | 44     | 77.9   | 161    | 0.6    | 37.9   | 17.3   | 1734   | 4.14   | 21.7   | 0.9   |
| 1360514   | NAD 83 -Z8 | 564545     | 7141176    | 1.9    | 49.8   | 97.2   | 196    | 0.6    | 37     | 20     | 3224   | 4.79   | 21.3   | 0.7   |
| 1360514   | NAD 83 -Z8 | 564545     | 7141176    | 1.8    | 49.4   | 93.5   | 198    | 0.6    | 35     | 18.9   | 3150   | 4.8    | 21.7   | 0.8   |
| 1360515   | NAD 83 -Z8 | 564506     | 7141143    | 5.5    | 43     | 141    | 209    | 0.6    | 42.4   | 15.6   | 2445   | 4.5    | 25.3   | 1.2   |
| 1360516   | NAD 83 -Z8 | 564468     | 7141110    | 5.2    | 49.8   | 114.9  | 304    | 0.6    | 43.2   | 17     | 1963   | 4.46   | 39.1   | 1.1   |
| 1360517   | NAD 83 -Z8 | 564431     | 7141076    | 4.6    | 64.7   | 122    | 341    | 0.8    | 50     | 18.4   | 1858   | 4.41   | 32.2   | 1.1   |
| 1360518   | NAD 83 -Z8 | 564393     | 7141041    | 5      | 54.2   | 119.4  | 362    | 0.9    | 47.8   | 18.1   | 1690   | 3.77   | 32.3   | 1     |
| 1360518   | NAD 83 -Z8 | 564393     | 7141041    | 5.2    | 52.4   | 115.7  | 353    | 0.9    | 46.5   | 17.7   | 1651   | 3.67   | 32.8   | 1.1   |
| 1360519   | NAD 83 -Z8 | 564359     | 7141005    | 4.3    | 60.6   | 116.2  | 304    | 0.6    | 48.9   | 18.6   | 2857   | 4.66   | 30.4   | 1.1   |
| 1396487   | NAD 83 -Z8 | 568316     | 7140162    | 8.9    | 122.2  | 26.3   | 327    | 0.7    | 67.8   | 15.7   | 892    | 4.01   | 26.1   | 1.1   |
| 1396488   | NAD 83 -Z8 | 568270     | 7140167    | 9.2    | 168.9  | 32.6   | 514    | 1      | 75.2   | 19.8   | 1353   | 4.42   | 26.7   | 1.6   |
| 1396489   | NAD 83 -Z8 | 568218     | 7140170    | 10.2   | 98.1   | 24.2   | 486    | 0.9    | 71.8   | 18.3   | 447    | 3.67   | 26.7   | 1.2   |
| 1396490   | NAD 83 -Z8 | 568169     | 7140176    | 10.2   | 123.7  | 37.8   | 532    | 1.3    | 81.5   | 18.4   | 446    | 4.09   | 29.6   | 1.2   |
| 1396491   | NAD 83 -Z8 | 568118     | 7140178    | 8      | 103.7  | 35.2   | 461    | 1.1    | 76.5   | 21.8   | 1293   | 4.19   | 37.1   | 1.1   |
| 1396492   | NAD 83 -Z8 | 568069     | 7140183    | 11.8   | 114.7  | 37.2   | 615    | 1.1    | 85.9   | 22.1   | 654    | 4.61   | 31.3   | 1.2   |
| 1396493   | NAD 83 -Z8 | 568019     | 7140187    | 7.1    | 76.3   | 25.7   | 263    | 0.6    | 55.6   | 15.1   | 657    | 3.56   | 21.8   | 1.3   |
| 1396494   | NAD 83 -Z8 | 567968     | 7140194    | 11.7   | 88.6   | 33.4   | 98     | 0.3    | 37.4   | 12.8   | 507    | 3.75   | 24.1   | 1.2   |
| 1396495   | NAD 83 -Z8 | 567920     | 7140198    | 6.7    | 84.3   | 25.8   | 116    | 0.3    | 64.3   | 18.1   | 529    | 4.04   | 29.7   | 1.3   |
| 1396496   | NAD 83 -Z8 | 567869     | 7140203    | 4.3    | 74.9   | 25     | 181    | 0.7    | 46.5   | 14.7   | 490    | 3.32   | 20     | 1.6   |
| 1396497   | NAD 83 -Z8 | 567843     | 7140198    | 2.6    | 51.9   | 102.4  | 196    | 0.2    | 35.3   | 22.4   | 687    | 4.5    | 38.7   | 1.1   |
| 1396498   | NAD 83 -Z8 | 567820     | 7140207    | 4.2    | 98.9   | 33.3   | 158    | 0.7    | 58.1   | 18.5   | 537    | 4.11   | 28.5   | 2.6   |
| 1396480   | NAD 83 -Z8 | 567769     | 7140209    | 3.1    | 89.7   | 272.9  | 761    | 0.4    | 41.8   | 25     | 883    | 4.09   | 25.7   | 1.7   |
| 1396481   | NAD 83 -Z8 | 567719     | 7140214    | 3.5    | 53.7   | 211.1  | 848    | 0.2    | 28.6   | 20.2   | 933    | 3.76   | 22.6   | 1.2   |
| 1396482   | NAD 83 -Z8 | 567669     | 7140219    | 3.4    | 80.4   | 105.8  | 564    | 0.6    | 49.3   | 20.5   | 723    | 3.69   | 24     | 1.7   |
| 1396483   | NAD 83 -Z8 | 567620     | 7140223    | 2.9    | 52.7   | 59.3   | 304    | 0.2    | 33     | 16     | 630    | 3.45   | 18     | 0.9   |
| 1396484   | NAD 83 -Z8 | 567570     | 7140228    | 1.6    | 89.6   | 70.4   | 243    | 0.2    | 40.4   | 19.6   | 1034   | 3.47   | 12.5   | 1.5   |
| 1396485   | NAD 83 -Z8 | 568326     | 7140263    | 9.2    | 96.5   | 39.5   | 226    | 1.2    | 72.4   | 23.4   | 1078   | 4.19   | 30.2   | 1.5   |
| 1396486   | NAD 83 -Z8 | 568275     | 7140268    | 9.5    | 113.7  | 37.2   | 120    | 1.1    | 63.4   | 47.9   | 3173   | 7.18   | 57.4   | 2.2   |
| 1396500   | NAD 83 -Z8 | 568227     | 7140273    | 4.6    | 80.4   | 32.9   | 92     | 0.8    | 63.2   | 41.3   | 3942   | 7.06   | 53.1   | 1.6   |
| 1363761   | NAD 83 -Z8 | 568128     | 7140280    | 10.4   | 92.2   | 38.8   | 135    | 1      | 70.9   | 27.6   | 1667   | 4.93   | 34     | 1.3   |
| 1363762   | NAD 83 -Z8 | 568077     | 7140286    | 10.4   | 132.3  | 54.4   | 199    | 1.2    | 67.1   | 32     | 2854   | 6.49   | 32.8   | 2     |
| 1363763   | NAD 83 -Z8 | 568027     | 7140287    | 8.4    | 116    | 33     | 267    | 1      | 63.7   | 21.9   | 1352   | 4.76   | 25.5   | 1.7   |
| 1363764   | NAD 83 -Z8 | 567977     | 7140292    | 6.2    | 122.7  | 38.8   | 142    | 1.1    | 91.1   | 26.2   | 834    | 4.47   | 33     | 2.2   |
| 1363765   | NAD 83 -Z8 | 567928     | 7140296    | 6.7    | 103.8  | 30.1   | 135    | 1.1    | 69.4   | 20.1   | 604    | 4.48   | 30.2   | 2.1   |
| 1363766   | NAD 83 -Z8 | 567878     | 7140303    | 5.3    | 56.3   | 20.8   | 105    | 0.2    | 46.8   | 15     | 444    | 3.52   | 22.8   | 1.2   |
| 1363767   | NAD 83 -Z8 | 567828     | 7140306    | 4.3    | 85.9   | 61.2   | 199    | 0.6    | 46.2   | 26.3   | 602    | 4.06   | 42.2   | 2.5   |
| 1363768   | NAD 83 -Z8 | 567779     | 7140310    | 4.6    | 44.8   | 45     | 212    | 0.2    | 30.6   | 20     | 664    | 4.26   | 26     | 1.1   |
| 1363769   | NAD 83 -Z8 | 567728     | 7140314    | 3.2    | 57     | 340.1  | 688    | 0.4    | 34.6   | 23.2   | 783    | 4.04   | 29.1   | 2.3   |
| 1363770   | NAD 83 -Z8 | 567678     | 7140319    | 2.6    | 40.2   | 104.7  | 532    | 0.1    | 29.9   | 20.5   | 679    | 3.78   | 21     | 0.9   |
| 1363771   | NAD 83 -Z8 | 567628     | 7140324    | 3.9    | 187.3  | 525.3  | 5129   | 1.3    | 87.4   | 38.2   | 1103   | 4.18   | 84.4   | 6.4   |

| sample_id | au_ppb | th_ppm | 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 |
|-----------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1360507   | 2.1    | 1.2    | 8      | 0.3    | 2.3    | 0.5    | 50    | 0.27   | 0.159 | 17     | 27     | 0.97   | 102    | 0.016  | 2     | 1.74   | 0.004  |
| 1360508   | 2      | 2.8    | 9      | 0.9    | 3.6    | 0.4    | 8     | 4.99   | 0.054 | 13     | 4      | 2.94   | 117    | 0.006  | 4     | 0.21   | 0.004  |
| 1360509   | 2.8    | 2.5    | 7      | 0.9    | 4      | 0.4    | 14    | 2.78   | 0.067 | 17     | 7      | 1.56   | 197    | 0.005  | 4     | 0.39   | 0.004  |
| 1360510   | 0.25   | 3.2    | 8      | 1      | 3.1    | 0.3    | 9     | 4.42   | 0.051 | 18     | 4      | 2.71   | 145    | 0.006  | 5     | 0.31   | 0.005  |
| 1360511   | 1.5    | 6.8    | 9      | 0.6    | 3.8    | 0.5    | 25    | 0.44   | 0.079 | 25     | 18     | 0.73   | 115    | 0.014  | 2     | 0.98   | 0.005  |
| 1360512   | 1.8    | 2.1    | 6      | 0.5    | 3      | 0.5    | 32    | 0.44   | 0.135 | 23     | 20     | 0.54   | 109    | 0.011  | 3     | 1.2    | 0.003  |
| 1360513   | 3.2    | 4.4    | 7      | 0.5    | 3.5    | 0.6    | 30    | 0.25   | 0.068 | 24     | 20     | 0.61   | 123    | 0.012  | 2     | 1.24   | 0.004  |
| 1360514   | 1.7    | 3.3    | 7      | 0.8    | 4.4    | 0.8    | 27    | 1.38   | 0.092 | 24     | 15     | 1.07   | 127    | 0.009  | 3     | 0.91   | 0.004  |
| 1360514   | 3.4    | 3.3    | 7      | 0.7    | 4.3    | 0.7    | 27    | 1.38   | 0.091 | 24     | 15     | 1.09   | 123    | 0.009  | 2     | 0.94   | 0.003  |
| 1360515   | 2.2    | 2.4    | 6      | 0.7    | 3.6    | 0.5    | 24    | 0.51   | 0.134 | 22     | 13     | 0.35   | 91     | 0.007  | 3     | 0.76   | 0.002  |
| 1360516   | 2.5    | 1.8    | 5      | 1      | 5.3    | 1.1    | 29    | 0.1    | 0.101 | 21     | 17     | 0.38   | 96     | 0.007  | 2     | 1.03   | 0.002  |
| 1360517   | 3.5    | 4.9    | 8      | 1.2    | 4.6    | 0.9    | 39    | 0.24   | 0.069 | 28     | 20     | 0.53   | 160    | 0.018  | 3     | 1.17   | 0.004  |
| 1360518   | 3.2    | 6.2    | 3      | 1.2    | 4.9    | 0.9    | 28    | 0.14   | 0.045 | 29     | 13     | 0.44   | 106    | 0.006  | 2     | 0.82   | 0.002  |
| 1360518   | 2.1    | 6.3    | 4      | 1.2    | 4.7    | 0.9    | 27    | 0.14   | 0.046 | 29     | 12     | 0.44   | 107    | 0.008  | 1     | 0.81   | 0.002  |
| 1360519   | 1.9    | 4.8    | 3      | 1.2    | 4.6    | 0.8    | 28    | 0.13   | 0.056 | 26     | 10     | 0.3    | 110    | 0.005  | 2     | 0.74   | 0.002  |
| 1396487   | 5.5    | 3.8    | 16     | 0.9    | 6      | 0.4    | 32    | 1.63   | 0.111 | 20     | 15     | 1.59   | 36     | 0.004  | 5     | 0.93   | 0.004  |
| 1396488   | 4.8    | 3.3    | 11     | 2.1    | 5.7    | 0.6    | 37    | 0.63   | 0.128 | 20     | 20     | 1.04   | 52     | 0.005  | 4     | 1.24   | 0.003  |
| 1396489   | 5.5    | 5.1    | 16     | 1.9    | 5.8    | 0.6    | 38    | 1.31   | 0.114 | 22     | 19     | 1.74   | 28     | 0.006  | 4     | 1.09   | 0.003  |
| 1396490   | 6.8    | 3.5    | 26     | 2.3    | 6.5    | 0.6    | 36    | 1.14   | 0.112 | 18     | 23     | 1.39   | 26     | 0.006  | 6     | 1.04   | 0.004  |
| 1396491   | 8.3    | 2.7    | 17     | 4.2    | 6.1    | 0.6    | 39    | 0.76   | 0.13  | 17     | 21     | 1.23   | 85     | 0.008  | 5     | 1.28   | 0.004  |
| 1396492   | 6.4    | 6.6    | 15     | 2.4    | 6.8    | 0.5    | 38    | 0.76   | 0.118 | 28     | 18     | 1.39   | 28     | 0.005  | 3     | 1.1    | 0.004  |
| 1396493   | 6.3    | 1.8    | 13     | 0.8    | 4.4    | 0.5    | 41    | 0.59   | 0.101 | 17     | 20     | 0.89   | 77     | 0.008  | 3     | 1.13   | 0.003  |
| 1396494   | 1.8    | 0.7    | 11     | 0.5    | 3.7    | 0.5    | 66    | 0.2    | 0.167 | 13     | 26     | 0.85   | 73     | 0.009  | 2     | 1.53   | 0.006  |
| 1396495   | 3      | 1.4    | 10     | 0.4    | 3.5    | 0.5    | 61    | 0.23   | 0.092 | 18     | 25     | 1.22   | 77     | 0.013  | 2     | 1.97   | 0.005  |
| 1396496   | 4.6    | 1.4    | 16     | 0.3    | 2.7    | 0.5    | 51    | 0.77   | 0.119 | 17     | 24     | 1.11   | 82     | 0.01   | 3     | 1.67   | 0.005  |
| 1396497   | 4.4    | 2.6    | 6      | 0.6    | 2.3    | 1.1    | 54    | 0.09   | 0.079 | 15     | 29     | 1.29   | 63     | 0.041  | 2     | 2.05   | 0.003  |
| 1396498   | 4.5    | 1.9    | 14     | 0.3    | 2.7    | 0.7    | 57    | 0.41   | 0.109 | 21     | 29     | 1.43   | 93     | 0.012  | 2     | 2.12   | 0.005  |
| 1396480   | 2.5    | 2.5    | 10     | 2.6    | 2.4    | 0.8    | 58    | 0.46   | 0.092 | 46     | 30     | 1.54   | 88     | 0.021  | 6     | 2.39   | 0.004  |
| 1396481   | 2.8    | 1.9    | 11     | 2      | 1.7    | 0.8    | 70    | 0.36   | 0.07  | 26     | 32     | 1.47   | 98     | 0.027  | 3     | 2.41   | 0.005  |
| 1396482   | 4.2    | 3.3    | 14     | 2.4    | 2.4    | 0.7    | 53    | 0.46   | 0.066 | 28     | 29     | 1.38   | 113    | 0.024  | 3     | 1.94   | 0.007  |
| 1396483   | 2.1    | 2.4    | 13     | 1      | 1.6    | 0.6    | 52    | 0.53   | 0.087 | 19     | 28     | 1.12   | 132    | 0.013  | 2     | 1.97   | 0.005  |
| 1396484   | 2.8    | 7.5    | 4      | 1      | 1.6    | 0.4    | 47    | 0.18   | 0.033 | 34     | 26     | 1.64   | 88     | 0.038  | 4     | 2.16   | 0.006  |
| 1396485   | 7.5    | 3.3    | 13     | 1      | 5.7    | 0.5    | 52    | 0.87   | 0.133 | 29     | 26     | 1.31   | 51     | 0.006  | 6     | 1.46   | 0.004  |
| 1396486   | 5.7    | 9.2    | 12     | 0.5    | 5.1    | 1.5    | 65    | 0.32   | 0.104 | 28     | 23     | 1.03   | 148    | 0.016  | 2     | 1.35   | 0.005  |
| 1396500   | 4.3    | 4.7    | 37     | 0.5    | 4.5    | 1.1    | 54    | 3.59   | 0.109 | 16     | 21     | 2.5    | 92     | 0.007  | 5     | 1.18   | 0.005  |
| 1363761   | 3.8    | 5.5    | 47     | 0.6    | 5.4    | 1.1    | 44    | 3.51   | 0.097 | 24     | 19     | 2.27   | 59     | 0.004  | 7     | 1.07   | 0.004  |
| 1363762   | 7.6    | 3.6    | 14     | 0.8    | 5.2    | 1.3    | 44    | 0.77   | 0.106 | 20     | 15     | 0.89   | 70     | 0.004  | 3     | 0.98   | 0.002  |
| 1363763   | 7.4    | 4.3    | 14     | 1.2    | 4.4    | 0.7    | 52    | 0.73   | 0.121 | 28     | 25     | 1.19   | 62     | 0.007  | 5     | 1.39   | 0.004  |
| 1363764   | 5.9    | 3.1    | 17     | 0.5    | 4.9    | 0.6    | 49    | 0.66   | 0.119 | 15     | 23     | 1.85   | 48     | 0.008  | 3     | 1.86   | 0.004  |
| 1363765   | 3.5    | 5.1    | 13     | 0.3    | 4.5    | 0.6    | 65    | 0.45   | 0.095 | 26     | 28     | 2.2    | 56     | 0.011  | 3     | 2.14   | 0.004  |
| 1363766   | 1.2    | 3      | 9      | 0.2    | 3      | 0.5    | 65    | 0.29   | 0.084 | 20     | 29     | 1.86   | 62     | 0.009  | 2     | 2.01   | 0.003  |
| 1363767   | 6      | 3.5    | 17     | 0.6    | 3.4    | 1.3    | 59    | 0.74   | 0.084 | 29     | 28     | 1.65   | 79     | 0.025  | 2     | 1.94   | 0.005  |
| 1363768   | 2.4    | 0.9    | 12     | 1.4    | 2.5    | 0.9    | 76    | 0.46   | 0.087 | 19     | 32     | 1.2    | 78     | 0.02   | 3     | 1.85   | 0.004  |
| 1363769   | 1.8    | 3.5    | 9      | 1.5    | 2.1    | 0.7    | 60    | 0.37   | 0.061 | 33     | 35     | 2.05   | 98     | 0.032  | 3     | 2.7    | 0.004  |
| 1363770   | 1.6    | 4.3    | 7      | 1.3    | 1.6    | 0.6    | 53    | 0.13   | 0.034 | 21     | 29     | 1.34   | 94     | 0.023  | 2     | 2.26   | 0.004  |
| 1363771   | 10.5   | 5      | 20     | 10.3   | 3.4    | 0.6    | 66    | 0.65   | 0.069 | 64     | 34     | 1.42   | 105    | 0.025  | 5     | 2.68   | 0.008  |

| sample_id | k_pct | w_ppm | hg_ppm | sc_ppm | tl_ppm | s_pct | ga_ppm | se_ppm | te_ppm | analysis | job_number  | colour          | moisture |
|-----------|-------|-------|--------|--------|--------|-------|--------|--------|--------|----------|-------------|-----------------|----------|
| 1360507   | 0.1   | 0.05  | 0.03   | 2.7    | 0.3    | 0.025 | 5      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360508   | 0.04  | 0.05  | 0.04   | 3.4    | 0.05   | 0.025 | 0.5    | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360509   | 0.06  | 0.05  | 0.06   | 4.2    | 0.1    | 0.025 | 0.5    | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360510   | 0.07  | 0.05  | 0.04   | 3.8    | 0.1    | 0.025 | 0.5    | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360511   | 0.09  | 0.05  | 0.04   | 6      | 0.3    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Wet      |
| 1360512   | 0.07  | 0.05  | 0.04   | 5.5    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360513   | 0.09  | 0.05  | 0.07   | 5.9    | 0.2    | 0.025 | 3      | 0.5    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360514   | 0.1   | 0.05  | 0.08   | 6.4    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |
| 1360514   | 0.11  | 0.05  | 0.07   | 6.5    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |
| 1360515   | 0.08  | 0.05  | 0.06   | 4.5    | 0.2    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360516   | 0.08  | 0.05  | 0.04   | 3      | 0.2    | 0.025 | 3      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360517   | 0.11  | 0.1   | 0.09   | 5.9    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360518   | 0.13  | 0.05  | 0.1    | 5.1    | 0.2    | 0.025 | 2      | 0.5    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360518   | 0.14  | 0.05  | 0.1    | 5.3    | 0.2    | 0.025 | 2      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360519   | 0.11  | 0.05  | 0.08   | 6.2    | 0.2    | 0.025 | 2      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1396487   | 0.09  | 0.05  | 0.25   | 6.5    | 0.3    | 0.025 | 2      | 2.1    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1396488   | 0.09  | 0.05  | 0.27   | 7      | 0.3    | 0.025 | 3      | 4.3    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1396489   | 0.1   | 0.05  | 0.3    | 5.8    | 0.2    | 0.025 | 3      | 1.8    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1396490   | 0.08  | 0.05  | 0.42   | 8.2    | 0.3    | 0.06  | 2      | 2.8    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1396491   | 0.09  | 0.05  | 0.47   | 5.3    | 0.4    | 0.06  | 3      | 2.2    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1396492   | 0.12  | 0.05  | 0.42   | 7.9    | 0.3    | 0.06  | 3      | 3.2    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1396493   | 0.07  | 0.05  | 0.2    | 3.5    | 0.3    | 0.025 | 3      | 1.9    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1396494   | 0.09  | 0.05  | 0.1    | 1.6    | 0.4    | 0.14  | 5      | 2.5    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1396495   | 0.1   | 0.1   | 0.08   | 2.3    | 0.4    | 0.025 | 5      | 1.7    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1396496   | 0.09  | 0.05  | 0.16   | 4.1    | 0.4    | 0.07  | 4      | 1.9    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1396497   | 0.05  | 0.3   | 0.04   | 2.9    | 0.1    | 0.025 | 6      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1396498   | 0.08  | 0.05  | 0.16   | 4.1    | 0.4    | 0.025 | 5      | 1.2    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1396480   | 0.11  | 0.1   | 0.06   | 4.5    | 0.3    | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1396481   | 0.1   | 0.2   | 0.05   | 3.5    | 0.2    | 0.025 | 9      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |
| 1396482   | 0.1   | 0.2   | 0.12   | 4.7    | 0.2    | 0.025 | 5      | 0.9    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1396483   | 0.1   | 0.1   | 0.05   | 3.1    | 0.2    | 0.025 | 6      | 0.5    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1396484   | 0.17  | 0.1   | 0.07   | 4.9    | 0.2    | 0.025 | 6      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Light Grey      | Damp     |
| 1396485   | 0.19  | 0.05  | 0.22   | 5.6    | 0.4    | 0.06  | 4      | 3.4    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1396486   | 0.11  | 0.05  | 0.28   | 7.7    | 0.6    | 0.025 | 4      | 1.6    | 0.2    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1396500   | 0.1   | 0.05  | 0.29   | 6.7    | 0.4    | 0.22  | 3      | 2.6    | 0.2    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363761   | 0.15  | 0.05  | 0.34   | 6.7    | 0.5    | 0.025 | 3      | 2.4    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1363762   | 0.07  | 0.05  | 0.3    | 7.4    | 0.4    | 0.025 | 3      | 2      | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1363763   | 0.15  | 0.05  | 0.4    | 7.8    | 0.4    | 0.025 | 4      | 2.4    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1363764   | 0.07  | 0.05  | 0.22   | 5.7    | 0.4    | 0.025 | 5      | 2.2    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1363765   | 0.13  | 0.05  | 0.24   | 7.5    | 0.4    | 0.025 | 5      | 1.8    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1363766   | 0.12  | 0.05  | 0.04   | 3.2    | 0.3    | 0.025 | 6      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1363767   | 0.1   | 0.1   | 0.12   | 4.4    | 0.3    | 0.025 | 6      | 1.6    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1363768   | 0.11  | 0.2   | 0.05   | 2      | 0.2    | 0.025 | 8      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363769   | 0.12  | 0.2   | 0.04   | 4.4    | 0.2    | 0.025 | 8      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |
| 1363770   | 0.1   | 0.2   | 0.03   | 2.9    | 0.2    | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |
| 1363771   | 0.15  | 0.2   | 0.33   | 7.5    | 0.2    | 0.025 | 6      | 1.8    | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |

| sample_id | site_slope       | depth | horizon | site_veget    | ground_cov      | quality   | note1           | note2           |
|-----------|------------------|-------|---------|---------------|-----------------|-----------|-----------------|-----------------|
| 1360507   | Pronounced Slope | 60    | C       | No Tree Cover | Grass Cover     | Good      | Rusty Rock Chip | Rocky Sample    |
| 1360508   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Rocky Sample    |
| 1360509   | Pronounced Slope | 50    | C       | No Tree Cover | Grass Cover     | Good      | Rusty Rock Chip | Rocky Sample    |
| 1360510   | Flat             | 50    | B       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Sandy           |
| 1360511   | Pronounced Slope | 90    | C       | No Tree Cover | Grass Cover     | Excellent | Rusty Rock Chip | Coarse          |
| 1360512   | Pronounced Slope | 90    | C       | No Tree Cover | Grass Cover     | Good      | Rusty Rock Chip | Clay            |
| 1360513   | Pronounced Slope | 70    | B       | No Tree Cover | Grass Cover     | Good      | Sandy           | Rusty Rock Chip |
| 1360514   | Pronounced Slope | 80    | C       | No Tree Cover | Grass Cover     | Good      | Sandy           | Rusty Rock Chip |
| 1360514   | Pronounced Slope | 80    | C       | No Tree Cover | Grass Cover     | Good      | Sandy           | Rusty Rock Chip |
| 1360515   | Pronounced Slope | 80    | B       | No Tree Cover | Grass Cover     | Good      | Sandy           | Rusty Rock Chip |
| 1360516   | Pronounced Slope | 80    | C       | No Tree Cover | Grass Cover     | Excellent | Rusty Rock Chip | Coarse          |
| 1360517   | Pronounced Slope | 100   | C       | No Tree Cover | Thin Moss Cover | Excellent | Sandy           | Rusty Rock Chip |
| 1360518   | Subtle Slope     | 80    | C       | No Tree Cover | Grass Cover     | Excellent | Rusty Rock Chip | Dull Red Rust   |
| 1360518   | Subtle Slope     | 80    | C       | No Tree Cover | Grass Cover     | Excellent | Rusty Rock Chip | Dull Red Rust   |
| 1360519   | Subtle Slope     | 80    | C       | No Tree Cover | Grass Cover     | Excellent | Rusty Rock Chip | Coarse          |
| 1396487   | Pronounced Slope | 80    | C       | No Tree Cover | Thin Moss Cover | Excellent | Fine            | Rusty Rock Chip |
| 1396488   | Pronounced Slope | 30    | C       | No Tree Cover | Rock Cover      | Good      | Fine            | Sandy           |
| 1396489   | Pronounced Slope | 80    | C       | No Tree Cover | Thin Moss Cover | Excellent | Coarse          | Rocky           |
| 1396490   | Pronounced Slope | 60    | C       | No Tree Cover | Grass Cover     | Good      | Fine            | Rocky           |
| 1396491   | Pronounced Slope | 30    | B       | No Tree Cover | Thin Moss Cover | Good      | Fine            | Organic 10%     |
| 1396492   | Pronounced Slope | 60    | C       | No Tree Cover | Thin Moss Cover | Good      | Fine            | Sandy           |
| 1396493   | Pronounced Slope | 130   | C       | No Tree Cover | Thin Moss Cover | Good      | Coarse          | Rocky           |
| 1396494   | Pronounced Slope | 50    | B       | No Tree Cover | Reindeer Moss   | Poor      | Rocky           | Coarse          |
| 1396495   | Pronounced Slope | 40    | B       | Dwarf Birch   | Reindeer Moss   | Good      | Fine            | Clay            |
| 1396496   | Pronounced Slope | 40    | B       | Willows       | Leaf Cover      | Poor      | Rocky Terrain   |                 |
| 1396497   | Pronounced Slope | 50    | C       | No Tree Cover | Bare Soil       | Excellent | Coarse          | Dull Red Rust   |
| 1396498   | Pronounced Slope | 80    | B       | No Tree Cover | Leaf Cover      | Good      | Rocky           | Rusty Rock Chip |
| 1396480   | Pronounced Slope | 50    | B       | No Tree Cover | Thin Moss Cover | Good      | Fine            | Rocky           |
| 1396481   | Steep            | 60    | B       | No Tree Cover | Thin Moss Cover | Good      | Rocky           |                 |
| 1396482   | Subtle Slope     | 80    | B       | No Tree Cover | Grass Cover     | Good      | Coarse          | Rocky           |
| 1396483   | Subtle Slope     | 60    | B       | No Tree Cover | Thin Moss Cover | Good      | Rocky           |                 |
| 1396484   | Subtle Slope     | 60    | B       | Dwarf Birch   | Grass Cover     | Good      | Coarse          | Rocky           |
| 1396485   | Pronounced Slope | 60    | C       | No Tree Cover | Rock Cover      | Good      | Fine            | Rocky Terrain   |
| 1396486   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Good      | Coarse          | Rocky Terrain   |
| 1396500   | Steep            | 30    | C       | No Tree Cover | Rock Cover      | Good      | Coarse          | Rocky           |
| 1363761   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Good      | Fine            | Sandy           |
| 1363762   | Pronounced Slope | 50    | C       | No Tree Cover | Thin Moss Cover | Good      | Coarse          | Rocky           |
| 1363763   | Pronounced Slope | 80    | C       | No Tree Cover | Grass Cover     | Good      | Coarse          | Sandy           |
| 1363764   | Pronounced Slope | 60    | C       | No Tree Cover | Thin Moss Cover | Good      | Fine            | Rocky Terrain   |
| 1363765   | Pronounced Slope | 60    | C       | No Tree Cover | Thin Moss Cover | Good      | Fine            | Sandy           |
| 1363766   | Pronounced Slope | 50    | B       | No Tree Cover | Thin Moss Cover | Good      | Coarse          | Rocky           |
| 1363767   | Pronounced Slope | 110   | B       | No Tree Cover | Thin Moss Cover | Good      | Coarse          | Rocky           |
| 1363768   | Pronounced Slope | 70    | B       | No Tree Cover | Grass Cover     | Poor      | Coarse          | Rocky Sample    |
| 1363769   | Pronounced Slope | 60    | B       | Dwarf Birch   | Grass Cover     | Good      | Coarse          | Rocky           |
| 1363770   | Pronounced Slope | 50    | B       | Dwarf Birch   | Grass Cover     | Good      | Rocky           |                 |
| 1363771   | Subtle Slope     | 40    | B       | No Tree Cover | Thin Moss Cover | Poor      | Rocky Terrain   | Talus           |

| sample_id | utm_zone   | utm_eastin | utm_northi | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|-----------|------------|------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1363772   | NAD 83 -Z8 | 567578     | 7140328    | 7      | 80.3   | 58.7   | 439    | 0.5    | 42.9   | 18     | 817    | 3.72   | 18     | 6.9   |
| 1363773   | NAD 83 -Z8 | 568191     | 7140295    | 14.9   | 34.3   | 49.6   | 169    | 1.2    | 55.8   | 37.8   | 3166   | 6.9    | 34.1   | 1.5   |
| 1360057   | NAD 83 -Z8 | 568299     | 7139964    | 5      | 42.7   | 35.3   | 168    | 0.5    | 38.3   | 14.8   | 3172   | 5.62   | 24.1   | 0.9   |
| 1360058   | NAD 83 -Z8 | 568251     | 7139968    | 4.7    | 41.8   | 30.1   | 190    | 0.2    | 40.5   | 15.3   | 1315   | 3.67   | 22.4   | 0.9   |
| 1360059   | NAD 83 -Z8 | 568201     | 7139972    | 5      | 51.6   | 21.4   | 208    | 0.2    | 35.4   | 13     | 702    | 3.16   | 16.4   | 0.9   |
| 1360060   | NAD 83 -Z8 | 568151     | 7139977    | 4.7    | 57.5   | 17.9   | 233    | 0.1    | 49.5   | 13.8   | 457    | 3.1    | 16     | 0.9   |
| 1360061   | NAD 83 -Z8 | 568101     | 7139981    | 6      | 85.1   | 21.3   | 266    | 0.6    | 54.9   | 18.8   | 668    | 3.43   | 18.8   | 0.9   |
| 1360062   | NAD 83 -Z8 | 568051     | 7139986    | 5.5    | 70     | 21.3   | 242    | 0.2    | 51.9   | 20.5   | 665    | 3.5    | 18.5   | 1     |
| 1360063   | NAD 83 -Z8 | 568001     | 7139990    | 5.2    | 498.5  | 21.8   | 137    | 0.9    | 43.4   | 21.7   | 816    | 3.69   | 22.5   | 1.2   |
| 1360064   | NAD 83 -Z8 | 567952     | 7139995    | 4      | 66.4   | 18.6   | 142    | 0.05   | 27.7   | 12     | 469    | 3.49   | 23.2   | 0.9   |
| 1360065   | NAD 83 -Z8 | 567902     | 7139999    | 4.2    | 138.5  | 29.4   | 794    | 0.1    | 30.6   | 15.7   | 501    | 3.87   | 23     | 0.9   |
| 1360066   | NAD 83 -Z8 | 567852     | 7140003    | 2.4    | 43     | 83.3   | 241    | 0.1    | 32.1   | 20     | 539    | 4.29   | 25.4   | 1     |
| 1360067   | NAD 83 -Z8 | 567802     | 7140008    | 1.6    | 48.4   | 119.6  | 377    | 0.1    | 43.1   | 22.8   | 577    | 3.73   | 15.9   | 1     |
| 1360068   | NAD 83 -Z8 | 567752     | 7140012    | 1.4    | 34.8   | 161.9  | 752    | 0.2    | 33.1   | 22     | 649    | 3.46   | 16.6   | 0.9   |
| 1360069   | NAD 83 -Z8 | 567697     | 7140043    | 2      | 87.6   | 866    | 2933   | 1.1    | 40.6   | 25.1   | 1048   | 4.2    | 20.9   | 1.3   |
| 1360070   | NAD 83 -Z8 | 567652     | 7140021    | 2.5    | 94.7   | 265.1  | 1266   | 0.3    | 45.2   | 25.5   | 956    | 4.26   | 23.6   | 1.8   |
| 1360071   | NAD 83 -Z8 | 567602     | 7140025    | 2.3    | 216    | 377.2  | 1553   | 1.4    | 63.9   | 37.3   | 1297   | 5.26   | 34.7   | 2.6   |
| 1360072   | NAD 83 -Z8 | 567551     | 7140029    | 2      | 112.1  | 79.7   | 296    | 0.2    | 34.5   | 17.9   | 848    | 3.26   | 17     | 1.3   |
| 1360073   | NAD 83 -Z8 | 568307     | 7140064    | 7      | 77.6   | 76.7   | 329    | 0.7    | 62.9   | 22.9   | 3428   | 6.18   | 37.3   | 0.9   |
| 1360074   | NAD 83 -Z8 | 568261     | 7140068    | 8.8    | 87.9   | 27.3   | 359    | 0.8    | 66     | 15.9   | 880    | 3.69   | 23.2   | 1.4   |
| 1360074   | NAD 83 -Z8 | 568261     | 7140068    | 8.8    | 89.2   | 26.8   | 360    | 0.8    | 68.4   | 16.3   | 888    | 3.73   | 23     | 1.4   |
| 1360075   | NAD 83 -Z8 | 568210     | 7140073    | 7.1    | 96.7   | 28.8   | 339    | 0.7    | 72.5   | 14.4   | 693    | 3.57   | 31.3   | 0.9   |
| 1360076   | NAD 83 -Z8 | 568210     | 7140073    | 8.1    | 107.9  | 31.9   | 436    | 1.1    | 84     | 16.8   | 706    | 4.27   | 33.9   | 1     |
| 1360077   | NAD 83 -Z8 | 568161     | 7140076    | 5      | 62.5   | 26.7   | 298    | 0.3    | 50.4   | 15.1   | 778    | 3.83   | 21.7   | 0.8   |
| 1360078   | NAD 83 -Z8 | 568111     | 7140080    | 6.6    | 69.5   | 35.5   | 338    | 0.3    | 57.5   | 18.4   | 880    | 4.55   | 48.6   | 0.8   |
| 1360079   | NAD 83 -Z8 | 568062     | 7140086    | 4.1    | 36.2   | 23.3   | 198    | 0.05   | 32.1   | 12.9   | 724    | 3.69   | 16.1   | 0.7   |
| 1360080   | NAD 83 -Z8 | 568012     | 7140090    | 7.5    | 121    | 31.9   | 199    | 1      | 106.4  | 29.3   | 700    | 4.39   | 32.5   | 2.9   |
| 1360081   | NAD 83 -Z8 | 567961     | 7140095    | 4.9    | 53.1   | 20.9   | 132    | 0.3    | 41.3   | 13.5   | 489    | 3.57   | 21.1   | 1.1   |
| 1360082   | NAD 83 -Z8 | 567910     | 7140098    | 4.5    | 65.2   | 23     | 179    | 0.3    | 44.8   | 21.2   | 475    | 3.72   | 26.7   | 1.2   |
| 1360083   | NAD 83 -Z8 | 567861     | 7140103    | 2.8    | 47.6   | 43.3   | 114    | 0.05   | 32.2   | 19.8   | 464    | 4.14   | 29.7   | 1     |
| 1360084   | NAD 83 -Z8 | 567811     | 7140107    | 2.4    | 43.7   | 80.3   | 365    | 0.1    | 35.4   | 14.9   | 390    | 4.82   | 20.2   | 0.9   |
| 1360085   | NAD 83 -Z8 | 567761     | 7140112    | 2.2    | 95.4   | 642.1  | 1876   | 1.1    | 55.4   | 26.6   | 779    | 4.16   | 23.3   | 3.4   |
| 1360086   | NAD 83 -Z8 | 567711     | 7140116    | 2.1    | 90.6   | 478.7  | 2554   | 0.8    | 54.1   | 35     | 773    | 4.6    | 29.6   | 1.4   |
| 1360087   | NAD 83 -Z8 | 567662     | 7140120    | 2      | 67.4   | 380    | 2081   | 0.5    | 37.2   | 23.3   | 742    | 3.63   | 23.6   | 1.6   |
| 1360088   | NAD 83 -Z8 | 567612     | 7140123    | 2.1    | 63.3   | 214.7  | 1323   | 0.3    | 34.9   | 24     | 746    | 3.69   | 22.1   | 1.3   |
| 1360089   | NAD 83 -Z8 | 567562     | 7140129    | 2.6    | 145.9  | 160.8  | 1210   | 0.9    | 45.1   | 22.3   | 1432   | 4.09   | 25.1   | 3.5   |
| 1360558   | NAD 83 -Z8 | 568281     | 7139764    | 3.5    | 114.1  | 37     | 140    | 0.4    | 51.3   | 42.4   | 1728   | 4.96   | 29.6   | 1.5   |
| 1360560   | NAD 83 -Z8 | 568236     | 7139768    | 2.6    | 22.4   | 18.9   | 102    | 0.1    | 19.8   | 10.1   | 455    | 3.98   | 16.7   | 0.7   |
| 1360561   | NAD 83 -Z8 | 568184     | 7139773    | 4      | 44.1   | 24.7   | 107    | 0.4    | 28.1   | 11     | 492    | 3.4    | 17.9   | 1     |
| 1360562   | NAD 83 -Z8 | 568135     | 7139777    | 3.4    | 26.4   | 18.1   | 117    | 0.1    | 21.8   | 9.5    | 771    | 3.73   | 14.9   | 0.8   |
| 1360563   | NAD 83 -Z8 | 568084     | 7139781    | 2.9    | 57.6   | 34.1   | 243    | 0.3    | 39.1   | 20.2   | 965    | 3.98   | 25.1   | 1.1   |
| 1360564   | NAD 83 -Z8 | 568034     | 7139786    | 3.1    | 40.4   | 18.6   | 166    | 0.1    | 36.6   | 14.8   | 490    | 3.48   | 17.1   | 1     |
| 1360565   | NAD 83 -Z8 | 567985     | 7139789    | 4.2    | 114.5  | 23.4   | 165    | 0.4    | 54     | 19     | 1345   | 3.61   | 19.8   | 1.2   |
| 1360566   | NAD 83 -Z8 | 567935     | 7139794    | 4.1    | 57.7   | 28.6   | 152    | 0.1    | 33.3   | 15.7   | 580    | 3.73   | 24.7   | 1     |
| 1360567   | NAD 83 -Z8 | 567885     | 7139799    | 3.5    | 50     | 40.3   | 362    | 0.1    | 30.6   | 15.7   | 532    | 3.89   | 21.9   | 1     |
| 1360568   | NAD 83 -Z8 | 567836     | 7139804    | 3      | 54.5   | 79.6   | 353    | 0.05   | 34.3   | 15.7   | 472    | 5.15   | 24.4   | 1     |

| sample_id | au_ppb | th_ppm | 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 |
|-----------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1363772   | 4.1    | 5.5    | 8      | 1.8    | 1.9    | 0.6    | 55    | 0.34   | 0.057 | 27     | 32     | 1.81   | 99     | 0.029  | 3     | 2.45   | 0.005  |
| 1363773   | 6      | 6.7    | 20     | 0.7    | 4.5    | 3.3    | 57    | 1.72   | 0.093 | 28     | 17     | 1.17   | 98     | 0.005  | 5     | 0.95   | 0.004  |
| 1360057   | 1      | 1.1    | 6      | 1.1    | 3.6    | 1      | 48    | 0.07   | 0.089 | 20     | 20     | 0.31   | 183    | 0.008  | 3     | 1.25   | 0.004  |
| 1360058   | 1.9    | 1      | 8      | 0.7    | 3.4    | 0.8    | 47    | 0.09   | 0.084 | 19     | 24     | 0.54   | 122    | 0.008  | 2     | 1.47   | 0.004  |
| 1360059   | 3      | 0.6    | 7      | 0.9    | 3      | 0.3    | 49    | 0.07   | 0.135 | 17     | 24     | 0.67   | 69     | 0.006  | 3     | 1.37   | 0.004  |
| 1360060   | 3.5    | 2.4    | 9      | 0.4    | 3.1    | 0.3    | 55    | 0.12   | 0.071 | 20     | 25     | 1.08   | 95     | 0.014  | 2     | 1.7    | 0.005  |
| 1360061   | 4      | 2      | 9      | 0.9    | 3.6    | 0.4    | 62    | 0.13   | 0.107 | 23     | 23     | 1.33   | 75     | 0.01   | 3     | 1.78   | 0.006  |
| 1360062   | 3.4    | 1.3    | 7      | 0.7    | 3.1    | 0.5    | 59    | 0.07   | 0.086 | 20     | 25     | 1.09   | 81     | 0.011  | 2     | 1.83   | 0.004  |
| 1360063   | 3.1    | 1.2    | 8      | 0.5    | 3      | 0.5    | 55    | 0.06   | 0.105 | 23     | 25     | 1.14   | 72     | 0.01   | 2     | 1.96   | 0.004  |
| 1360064   | 1.5    | 0.9    | 9      | 0.3    | 2.5    | 0.6    | 65    | 0.1    | 0.058 | 17     | 26     | 0.96   | 101    | 0.012  | 2     | 1.89   | 0.004  |
| 1360065   | 1.1    | 1.7    | 9      | 4.4    | 2.5    | 0.8    | 60    | 0.15   | 0.057 | 20     | 28     | 1.08   | 94     | 0.023  | 2     | 1.96   | 0.004  |
| 1360066   | 0.25   | 3.5    | 8      | 0.4    | 2.4    | 0.8    | 56    | 0.14   | 0.058 | 19     | 28     | 1.22   | 83     | 0.051  | 3     | 1.97   | 0.004  |
| 1360067   | 1.5    | 6.5    | 8      | 0.7    | 1.7    | 0.5    | 61    | 0.22   | 0.044 | 22     | 34     | 2.12   | 82     | 0.076  | 2     | 2.81   | 0.005  |
| 1360068   | 0.8    | 6.1    | 6      | 1.3    | 1.7    | 0.4    | 55    | 0.23   | 0.04  | 21     | 31     | 2.22   | 68     | 0.064  | 4     | 2.63   | 0.004  |
| 1360069   | 3.8    | 9.8    | 5      | 9.3    | 2.5    | 0.7    | 60    | 0.32   | 0.068 | 48     | 33     | 3.13   | 41     | 0.089  | 4     | 2.82   | 0.004  |
| 1360070   | 3.5    | 5.2    | 12     | 3.8    | 2.2    | 0.7    | 74    | 0.4    | 0.056 | 36     | 39     | 1.84   | 142    | 0.047  | 4     | 2.84   | 0.007  |
| 1360071   | 3.3    | 6.9    | 9      | 6.2    | 3.2    | 1      | 62    | 0.47   | 0.09  | 40     | 38     | 2.18   | 117    | 0.026  | 5     | 3.48   | 0.005  |
| 1360072   | 1.4    | 5.4    | 7      | 0.6    | 1.9    | 0.3    | 61    | 0.21   | 0.052 | 25     | 24     | 1.11   | 84     | 0.038  | 4     | 1.74   | 0.005  |
| 1360073   | 3.8    | 4.1    | 12     | 1.5    | 6.4    | 1.6    | 38    | 0.59   | 0.108 | 31     | 16     | 0.64   | 123    | 0.005  | 2     | 0.97   | 0.003  |
| 1360074   | 3.7    | 1.8    | 17     | 1.4    | 4.4    | 0.4    | 41    | 0.96   | 0.144 | 23     | 18     | 1.01   | 48     | 0.005  | 4     | 1.18   | 0.003  |
| 1360074   | 3      | 2      | 17     | 1.4    | 4.3    | 0.4    | 41    | 1.01   | 0.151 | 21     | 19     | 1.04   | 47     | 0.005  | 4     | 1.2    | 0.003  |
| 1360075   | 6.4    | 3.1    | 15     | 1.6    | 4.5    | 0.4    | 49    | 1.14   | 0.106 | 20     | 18     | 1.69   | 32     | 0.003  | 4     | 1.34   | 0.003  |
| 1360076   | 5.6    | 4      | 11     | 2.3    | 4.6    | 0.4    | 61    | 0.52   | 0.106 | 26     | 23     | 1.82   | 44     | 0.004  | 2     | 1.77   | 0.003  |
| 1360077   | 2      | 1.2    | 8      | 0.7    | 3.5    | 0.4    | 49    | 0.21   | 0.104 | 21     | 23     | 0.96   | 102    | 0.008  | 2     | 1.56   | 0.004  |
| 1360078   | 3.4    | 2.1    | 8      | 0.9    | 5.5    | 0.4    | 70    | 0.33   | 0.123 | 20     | 25     | 1.78   | 68     | 0.006  | 2     | 2.05   | 0.004  |
| 1360079   | 0.5    | 0.6    | 8      | 0.9    | 2.5    | 0.4    | 62    | 0.09   | 0.084 | 16     | 28     | 0.67   | 106    | 0.009  | 1     | 1.87   | 0.004  |
| 1360080   | 4.4    | 5.1    | 13     | 0.7    | 4.9    | 0.4    | 53    | 0.19   | 0.089 | 21     | 26     | 1.35   | 84     | 0.016  | 2     | 2.24   | 0.007  |
| 1360081   | 0.7    | 0.8    | 11     | 0.3    | 2.7    | 0.5    | 59    | 0.33   | 0.098 | 15     | 26     | 1.1    | 88     | 0.008  | 2     | 1.92   | 0.004  |
| 1360082   | 0.8    | 3.5    | 14     | 0.7    | 3.2    | 1      | 54    | 0.29   | 0.085 | 21     | 26     | 1.14   | 96     | 0.027  | 2     | 1.77   | 0.006  |
| 1360083   | 2.2    | 4.4    | 6      | 0.6    | 2.4    | 1.1    | 54    | 0.09   | 0.04  | 17     | 31     | 1.24   | 71     | 0.058  | 2     | 2.23   | 0.004  |
| 1360084   | 2.2    | 6.6    | 6      | 0.8    | 2.4    | 0.7    | 77    | 0.19   | 0.038 | 20     | 36     | 2.4    | 49     | 0.119  | 2     | 2.8    | 0.004  |
| 1360085   | 5.2    | 8.5    | 10     | 4.1    | 2.5    | 0.8    | 55    | 0.29   | 0.042 | 39     | 33     | 2.17   | 72     | 0.056  | 4     | 2.64   | 0.005  |
| 1360086   | 1.7    | 8.1    | 4      | 3.7    | 3.1    | 0.9    | 65    | 0.22   | 0.072 | 28     | 34     | 2.96   | 37     | 0.071  | 3     | 3      | 0.003  |
| 1360087   | 2.9    | 5      | 9      | 6      | 2.4    | 0.7    | 55    | 0.29   | 0.065 | 30     | 31     | 1.85   | 67     | 0.03   | 3     | 2.35   | 0.004  |
| 1360088   | 3.4    | 5.6    | 7      | 3      | 2.1    | 0.6    | 52    | 0.29   | 0.066 | 32     | 30     | 1.67   | 80     | 0.028  | 3     | 2.38   | 0.005  |
| 1360089   | 2.9    | 5.2    | 7      | 6.4    | 2.7    | 0.8    | 49    | 0.49   | 0.063 | 40     | 27     | 1.53   | 110    | 0.012  | 3     | 2.12   | 0.004  |
| 1360558   | 6.4    | 6.8    | 13     | 0.6    | 5.2    | 1.2    | 43    | 0.59   | 0.072 | 29     | 26     | 1.74   | 120    | 0.012  | 3     | 1.97   | 0.01   |
| 1360560   | 2.8    | 2.6    | 11     | 0.9    | 1.4    | 0.4    | 58    | 0.11   | 0.044 | 15     | 29     | 0.51   | 109    | 0.036  | 2     | 1.53   | 0.005  |
| 1360561   | 3.1    | 0.7    | 7      | 0.6    | 2.6    | 0.5    | 56    | 0.06   | 0.105 | 16     | 25     | 0.88   | 91     | 0.008  | 2     | 1.65   | 0.004  |
| 1360562   | 2.1    | 1.2    | 9      | 0.7    | 1.8    | 0.4    | 71    | 0.08   | 0.071 | 16     | 27     | 0.62   | 112    | 0.03   | 1     | 1.66   | 0.005  |
| 1360563   | 4      | 2.6    | 10     | 1.4    | 2.8    | 0.9    | 51    | 0.11   | 0.089 | 22     | 31     | 0.9    | 146    | 0.019  | 2     | 2.04   | 0.006  |
| 1360564   | 2.3    | 2.5    | 14     | 0.3    | 2      | 0.4    | 56    | 0.16   | 0.092 | 20     | 30     | 1.06   | 133    | 0.024  | 2     | 1.93   | 0.007  |
| 1360565   | 4.5    | 4.8    | 10     | 0.7    | 3.3    | 0.4    | 52    | 0.16   | 0.077 | 32     | 25     | 1.39   | 133    | 0.029  | 3     | 1.82   | 0.005  |
| 1360566   | 2      | 1.8    | 9      | 0.6    | 2.8    | 0.7    | 60    | 0.08   | 0.056 | 20     | 28     | 1.1    | 104    | 0.024  | 1     | 1.91   | 0.005  |
| 1360567   | 3.9    | 1.2    | 7      | 1.2    | 2.7    | 0.8    | 59    | 0.07   | 0.057 | 22     | 30     | 1.33   | 71     | 0.034  | 2     | 2.21   | 0.004  |
| 1360568   | 2.3    | 5      | 7      | 0.5    | 3.1    | 0.9    | 69    | 0.22   | 0.043 | 26     | 32     | 2.51   | 96     | 0.076  | 3     | 2.69   | 0.004  |

| sample_id | k_pct | w_ppm | hg_ppm | sc_ppm | tl_ppm | s_pct | ga_ppm | se_ppm | te_ppm | analysis | job_number  | colour          | moisture |
|-----------|-------|-------|--------|--------|--------|-------|--------|--------|--------|----------|-------------|-----------------|----------|
| 1363772   | 0.17  | 0.1   | 0.1    | 4.5    | 0.2    | 0.025 | 7      | 0.5    | 0.1    | 1DX15    | DAW12000287 | Light Grey      | Wet      |
| 1363773   | 0.11  | 0.05  | 0.27   | 6.9    | 0.6    | 0.025 | 3      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1360057   | 0.08  | 0.05  | 0.06   | 2.3    | 0.2    | 0.025 | 4      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360058   | 0.08  | 0.1   | 0.09   | 2.1    | 0.2    | 0.025 | 4      | 1.1    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360059   | 0.08  | 0.05  | 0.07   | 0.9    | 0.2    | 0.025 | 4      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360060   | 0.07  | 0.1   | 0.07   | 2.7    | 0.2    | 0.025 | 4      | 1.3    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360061   | 0.12  | 0.05  | 0.15   | 2.7    | 0.3    | 0.025 | 4      | 1.7    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360062   | 0.09  | 0.05  | 0.07   | 1.7    | 0.3    | 0.025 | 6      | 1      | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360063   | 0.1   | 0.05  | 0.06   | 1.8    | 0.2    | 0.025 | 6      | 1.4    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360064   | 0.09  | 0.1   | 0.05   | 1.7    | 0.3    | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360065   | 0.1   | 0.2   | 0.09   | 2.4    | 0.2    | 0.025 | 7      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360066   | 0.08  | 0.3   | 0.03   | 3.1    | 0.2    | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360067   | 0.07  | 0.3   | 0.03   | 4.8    | 0.2    | 0.025 | 9      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360068   | 0.05  | 0.2   | 0.04   | 3.5    | 0.1    | 0.025 | 10     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360069   | 0.1   | 0.3   | 0.23   | 7.9    | 0.1    | 0.025 | 10     | 0.6    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360070   | 0.17  | 0.2   | 0.08   | 5.5    | 0.3    | 0.025 | 9      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360071   | 0.17  | 0.2   | 0.17   | 6.5    | 0.2    | 0.025 | 10     | 1      | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360072   | 0.08  | 0.1   | 0.03   | 3.8    | 0.2    | 0.025 | 5      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360073   | 0.11  | 0.05  | 0.15   | 8.3    | 0.4    | 0.025 | 3      | 1.8    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360074   | 0.1   | 0.05  | 0.28   | 4.2    | 0.2    | 0.1   | 3      | 1.7    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Dry      |
| 1360074   | 0.1   | 0.05  | 0.26   | 4.5    | 0.2    | 0.1   | 3      | 1.7    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Dry      |
| 1360075   | 0.08  | 0.05  | 0.25   | 4.6    | 0.2    | 0.06  | 3      | 2      | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Dry      |
| 1360076   | 0.09  | 0.05  | 0.35   | 6.6    | 0.3    | 0.025 | 4      | 1.9    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Dry      |
| 1360077   | 0.08  | 0.05  | 0.1    | 2.4    | 0.3    | 0.025 | 4      | 1.1    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360078   | 0.1   | 0.05  | 0.11   | 3.6    | 0.4    | 0.025 | 5      | 2.4    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360079   | 0.08  | 0.05  | 0.06   | 1.5    | 0.2    | 0.025 | 6      | 0.9    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360080   | 0.09  | 0.05  | 0.15   | 5.5    | 0.4    | 0.025 | 4      | 2.4    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360081   | 0.08  | 0.05  | 0.08   | 1.7    | 0.3    | 0.025 | 6      | 1.1    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360082   | 0.09  | 0.2   | 0.05   | 2.8    | 0.2    | 0.025 | 5      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360083   | 0.07  | 0.3   | 0.03   | 3.2    | 0.2    | 0.025 | 7      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360084   | 0.07  | 0.4   | 0.03   | 4.9    | 0.2    | 0.025 | 12     | 0.8    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360085   | 0.1   | 0.2   | 0.21   | 6.1    | 0.2    | 0.025 | 9      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360086   | 0.1   | 0.3   | 0.12   | 6.1    | 0.1    | 0.025 | 10     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360087   | 0.09  | 0.2   | 0.13   | 4.4    | 0.2    | 0.025 | 8      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360088   | 0.18  | 0.2   | 0.07   | 4.2    | 0.2    | 0.025 | 8      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360089   | 0.12  | 0.1   | 0.16   | 4.8    | 0.2    | 0.025 | 7      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360558   | 0.15  | 0.05  | 0.06   | 5.7    | 0.4    | 0.025 | 6      | 1.4    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360560   | 0.09  | 0.2   | 0.03   | 2.5    | 0.2    | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360561   | 0.09  | 0.05  | 0.04   | 1.1    | 0.3    | 0.025 | 6      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360562   | 0.1   | 0.2   | 0.05   | 1.9    | 0.2    | 0.025 | 7      | 1      | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360563   | 0.1   | 0.2   | 0.04   | 3.5    | 0.2    | 0.025 | 5      | 1      | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360564   | 0.09  | 0.1   | 0.05   | 3.4    | 0.2    | 0.025 | 5      | 0.9    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360565   | 0.11  | 0.1   | 0.07   | 4.5    | 0.2    | 0.025 | 5      | 1.3    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360566   | 0.1   | 0.2   | 0.03   | 2.5    | 0.2    | 0.025 | 6      | 1.1    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360567   | 0.1   | 0.2   | 0.05   | 2.1    | 0.2    | 0.025 | 7      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360568   | 0.11  | 0.4   | 0.02   | 4.2    | 0.2    | 0.025 | 10     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |

| sample_id | site_slope       | depth | horizon | site_veget    | ground_cov           | quality   | note1           | note2           |
|-----------|------------------|-------|---------|---------------|----------------------|-----------|-----------------|-----------------|
| 1363772   | Subtle Slope     | 70    | B       | No Tree Cover | Grass Cover          | Poor      | Mud             |                 |
| 1363773   | Pronounced Slope | 30    | C       | No Tree Cover | Rock Cover           | Good      | Outcrop Nearby  | Rocky           |
| 1360057   | Pronounced Slope | 50    | C       | Dwarf Birch   | Rock Cover           | Excellent | Fine            | Dull Red Rust   |
| 1360058   | Pronounced Slope | 80    | C       | Dwarf Birch   | Grass Cover          | Excellent |                 |                 |
| 1360059   | Pronounced Slope | 110   | C       | Willows       | Grass Cover          | Excellent |                 |                 |
| 1360060   | Pronounced Slope | 80    | C       | Willows       | Thin Moss Cover      | Excellent | Coarse          |                 |
| 1360061   | Pronounced Slope | 100   | C       | Willows       | Grass Cover          | Excellent | Coarse          |                 |
| 1360062   | Pronounced Slope | 90    | C       | Willows       | Thin Moss Cover      | Excellent | Coarse          |                 |
| 1360063   | Pronounced Slope | 100   | C       | No Tree Cover | Thin Moss Cover      | Excellent |                 |                 |
| 1360064   | Pronounced Slope | 60    | C       | No Tree Cover | Reindeer Moss        | Good      | Rocky           |                 |
| 1360065   | Pronounced Slope | 60    | C       | Willows       | Thin Moss Cover      | Excellent | Rocky           |                 |
| 1360066   | Pronounced Slope | 60    | C       | Dwarf Birch   | Reindeer Moss        | Excellent | Coarse          | Rocky           |
| 1360067   | Pronounced Slope | 90    | C       | Dwarf Birch   | Reindeer Moss        | Excellent | Coarse          | Rocky Terrain   |
| 1360068   | Pronounced Slope | 60    | C       | Dwarf Birch   | Reindeer Moss        | Good      | Rocky Terrain   | Rocky           |
| 1360069   | Subtle Slope     | 40    | C       | No Tree Cover | Rock Cover           | Excellent | Coarse          | Rocky Terrain   |
| 1360070   | Subtle Slope     | 70    | B       | Dwarf Birch   | Thin Moss Cover      | Good      | Rocky           |                 |
| 1360071   | Pronounced Slope | 50    | C       | Dwarf Birch   | Reindeer Moss        | Excellent | Fine            | Rocky           |
| 1360072   | Subtle Slope     | 50    | C       | Dwarf Birch   | Thin Moss Cover      | Good      | Fine            | Rocky           |
| 1360073   | Pronounced Slope | 50    | C       | Willows       | Leaf Cover           | Excellent | Rocky           | Rusty Rock Chip |
| 1360074   | Pronounced Slope | 70    | C       | Willows       | Grass Cover          | Excellent | Fine            | Dull Red Rust   |
| 1360074   | Pronounced Slope | 70    | C       | Willows       | Grass Cover          | Excellent | Fine            | Dull Red Rust   |
| 1360075   | Pronounced Slope | 70    | C       | Willows       | Grass Cover          | Excellent | Rocky           | Rocky Sample    |
| 1360076   | Pronounced Slope | 70    | C       | Willows       | Grass Cover          | Excellent | Rocky           |                 |
| 1360077   | Pronounced Slope | 80    | C       | No Tree Cover | Thin Moss Cover      | Excellent |                 |                 |
| 1360078   | Pronounced Slope | 60    | C       | Willows       | Leaf Cover           | Excellent | Coarse          | Rocky           |
| 1360079   | Pronounced Slope | 50    | C       | No Tree Cover | Reindeer Moss        | Excellent | Rocky           |                 |
| 1360080   | Pronounced Slope | 60    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Rocky           | Rocky Terrain   |
| 1360081   | Pronounced Slope | 80    | C       | No Tree Cover | Thin Moss Cover      | Good      | Rocky           | Rocky Sample    |
| 1360082   | Pronounced Slope | 50    | C       | Willows       | Thin Moss Cover      | Excellent | Rocky           |                 |
| 1360083   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover           | Excellent | Rocky Terrain   | Rocky           |
| 1360084   | Pronounced Slope | 70    | C       | No Tree Cover | Reindeer Moss        | Excellent | Rocky Terrain   | Rocky           |
| 1360085   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover           | Excellent | Fine            | Rocky Terrain   |
| 1360086   | Pronounced Slope | 70    | C       | Dwarf Birch   | Reindeer Moss        | Excellent | Coarse          | Rocky Terrain   |
| 1360087   | Subtle Slope     | 60    | C       | Dwarf Birch   | Reindeer Moss        | Excellent | Coarse          | Rocky           |
| 1360088   | Pronounced Slope | 70    | C       | Dwarf Birch   | Leaf Cover           | Excellent |                 |                 |
| 1360089   | Subtle Slope     | 80    | C       | Willows       | Sphagnum Moss < 30cm | Excellent | Rocky Terrain   |                 |
| 1360558   | Pronounced Slope | 50    | C       | Dwarf Birch   | Rock Cover           | Good      | Rusty Rock Chip | Rocky Sample    |
| 1360560   | Pronounced Slope | 70    | B       | Dwarf Birch   | Thin Moss Cover      | Good      | Quartz Chips    | Rocky Terrain   |
| 1360561   | Pronounced Slope | 90    | C       | Dwarf Birch   | Grass Cover          | Good      | Rusty Rock Chip |                 |
| 1360562   | Pronounced Slope | 50    | B       | Dwarf Birch   | Grass Cover          | Good      | Sandy           | Rocky Sample    |
| 1360563   | Pronounced Slope | 90    | C       | Dwarf Birch   | Thin Moss Cover      | Good      | Rusty Rock Chip | Dull Red Rust   |
| 1360564   | Pronounced Slope | 90    | C       | Dwarf Birch   | Grass Cover          | Good      | Rusty Rock Chip |                 |
| 1360565   | Pronounced Slope | 90    | C       | Dwarf Birch   | Reindeer Moss        | Excellent | Rusty Rock Chip | Quartz Chips    |
| 1360566   | Pronounced Slope | 80    | C       | Dwarf Birch   | Thin Moss Cover      | Good      | Rusty Rock Chip |                 |
| 1360567   | Pronounced Slope | 50    | C       | Dwarf Birch   | Reindeer Moss        | Good      | Rusty Rock Chip | Coarse          |
| 1360568   | Pronounced Slope | 50    | B       | Dwarf Birch   | Sphagnum Moss < 30cm | Good      | Rusty Rock Chip | Sandy           |

| sample_id | utm_zone   | utm_eastin | utm_northi | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|-----------|------------|------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1360569   | NAD 83 -Z8 | 567784     | 7139807    | 1.9    | 13     | 33.6   | 154    | 0.05   | 10.6   | 5.9    | 239    | 2.06   | 8.3    | 0.7   |
| 1360570   | NAD 83 -Z8 | 567736     | 7139812    | 3      | 46.1   | 189.9  | 653    | 0.4    | 29     | 17.7   | 661    | 4.47   | 21     | 1     |
| 1360571   | NAD 83 -Z8 | 567685     | 7139816    | 2      | 33.8   | 221.5  | 593    | 0.1    | 28.3   | 21.9   | 885    | 3.96   | 21.8   | 0.9   |
| 1360572   | NAD 83 -Z8 | 567636     | 7139821    | 2.2    | 24     | 42.5   | 122    | 0.1    | 22     | 13.8   | 677    | 3.81   | 15.5   | 0.9   |
| 1360573   | NAD 83 -Z8 | 567586     | 7139825    | 3      | 205.3  | 157.2  | 1044   | 0.3    | 44     | 30.1   | 1074   | 4.64   | 35.8   | 1.9   |
| 1360576   | NAD 83 -Z8 | 567536     | 7139830    | 2.4    | 20.3   | 32.5   | 121    | 0.3    | 19.9   | 10.5   | 404    | 3.45   | 12.8   | 0.8   |
| 1360576   | NAD 83 -Z8 | 567536     | 7139830    | 2.4    | 19.9   | 32.8   | 120    | 0.3    | 19.1   | 10.1   | 387    | 3.29   | 13     | 0.8   |
| 1360577   | NAD 83 -Z8 | 568290     | 7139864    | 3.8    | 54.7   | 27.6   | 201    | 0.2    | 44.8   | 16     | 808    | 4.05   | 24.7   | 0.9   |
| 1360578   | NAD 83 -Z8 | 568242     | 7139868    | 4.1    | 44.5   | 21.2   | 223    | 0.3    | 43.9   | 13.9   | 798    | 3.29   | 16.9   | 0.9   |
| 1360578   | NAD 83 -Z8 | 568242     | 7139868    | 4.2    | 46.1   | 21.8   | 220    | 0.4    | 42.7   | 13.9   | 830    | 3.29   | 17.5   | 0.9   |
| 1360574   | NAD 83 -Z8 | 568192     | 7139871    | 5.3    | 71.9   | 53.9   | 233    | 0.3    | 57.1   | 18.8   | 791    | 4.12   | 29.3   | 1.1   |
| 1360575   | NAD 83 -Z8 | 568192     | 7139871    | 5.7    | 72.3   | 56.3   | 255    | 0.4    | 59.3   | 19.3   | 838    | 4.33   | 30.7   | 1.1   |
| 1360579   | NAD 83 -Z8 | 568144     | 7139877    | 3.3    | 37.9   | 15.6   | 144    | 0.2    | 37     | 11.7   | 406    | 3.26   | 15.7   | 0.8   |
| 1360580   | NAD 83 -Z8 | 568094     | 7139882    | 5.3    | 62.6   | 28.7   | 241    | 0.1    | 50.4   | 20.1   | 487    | 3.95   | 23.3   | 1     |
| 1360581   | NAD 83 -Z8 | 568043     | 7139886    | 5.4    | 51.9   | 17.9   | 167    | 0.05   | 30.4   | 13.7   | 295    | 3.89   | 25     | 0.7   |
| 1360583   | NAD 83 -Z8 | 567994     | 7139889    | 5      | 115.1  | 22.7   | 148    | 0.05   | 44.6   | 17.6   | 372    | 4.18   | 23.6   | 0.9   |
| 1360584   | NAD 83 -Z8 | 567943     | 7139896    | 4.4    | 50.3   | 18.3   | 134    | 0.05   | 31.3   | 13.1   | 456    | 4.06   | 30.8   | 1.1   |
| 1360585   | NAD 83 -Z8 | 567894     | 7139899    | 2.7    | 34.7   | 24.4   | 129    | 0.05   | 28.5   | 13.8   | 366    | 3.26   | 21.5   | 0.9   |
| 1360586   | NAD 83 -Z8 | 567844     | 7139904    | 3.4    | 54.4   | 122.3  | 401    | 0.05   | 38.6   | 22.4   | 573    | 4.83   | 32     | 1.2   |
| 1360587   | NAD 83 -Z8 | 567793     | 7139908    | 2      | 50.5   | 164.5  | 492    | 0.1    | 38.8   | 20.5   | 700    | 3.89   | 17.4   | 1.2   |
| 1360588   | NAD 83 -Z8 | 567743     | 7139913    | 2.3    | 52.4   | 182.9  | 1192   | 0.3    | 41.4   | 22.3   | 635    | 4.74   | 27.9   | 1.1   |
| 1360589   | NAD 83 -Z8 | 567694     | 7139917    | 3.5    | 201.7  | 638    | 4336   | 1.4    | 74.5   | 39.6   | 1568   | 5.47   | 44.2   | 2.4   |
| 1360590   | NAD 83 -Z8 | 567644     | 7139922    | 3.8    | 252.7  | 312.5  | 1835   | 1.8    | 81.2   | 34.4   | 1212   | 6.6    | 74.9   | 9     |
| 1360591   | NAD 83 -Z8 | 567544     | 7139930    | 2.6    | 111    | 103.9  | 570    | 0.5    | 53.5   | 22.2   | 760    | 3.83   | 26     | 3.3   |
| 1360592   | NAD 83 -Z8 | 567593     | 7139926    | 2.8    | 315.8  | 242.8  | 1997   | 2      | 78.6   | 32.7   | 1099   | 5.9    | 48.9   | 7.5   |
| 1363776   | NAD 83 -Z8 | 568326     | 7140340    | 7.2    | 69.8   | 40.3   | 121    | 1.1    | 68.7   | 35.8   | 3110   | 6.69   | 57.3   | 2.3   |
| 1363778   | NAD 83 -Z8 | 568191     | 7140374    | 23.1   | 481.8  | 31.1   | 201    | 1.6    | 74.4   | 157.8  | 4184   | 7.53   | 56.3   | 9.1   |
| 1363779   | NAD 83 -Z8 | 568138     | 7140383    | 12.1   | 188.7  | 53.9   | 306    | 1.2    | 82.4   | 56.9   | 2209   | 6.2    | 69.8   | 1.8   |
| 1363780   | NAD 83 -Z8 | 568087     | 7140384    | 8.7    | 131.3  | 41.9   | 171    | 1.1    | 71.1   | 43.1   | 1621   | 5.63   | 49.7   | 1.4   |
| 1363781   | NAD 83 -Z8 | 568037     | 7140388    | 8.8    | 129.3  | 36.9   | 357    | 0.8    | 70.9   | 34.2   | 1428   | 5.22   | 43.6   | 1.2   |
| 1363782   | NAD 83 -Z8 | 567987     | 7140392    | 7.4    | 119.6  | 36.2   | 330    | 1      | 59.2   | 27.7   | 1097   | 4.95   | 40.4   | 2.9   |
| 1363783   | NAD 83 -Z8 | 567937     | 7140397    | 8.2    | 73.8   | 32.9   | 342    | 0.3    | 44.4   | 29.9   | 1710   | 4.91   | 36.2   | 1.4   |
| 1363784   | NAD 83 -Z8 | 567887     | 7140399    | 5.9    | 82.6   | 30.6   | 141    | 0.6    | 46     | 22.4   | 616    | 4.8    | 38.6   | 2.3   |
| 1363786   | NAD 83 -Z8 | 567788     | 7140411    | 3.1    | 70.8   | 188.8  | 476    | 0.4    | 39.9   | 30.9   | 968    | 4.41   | 28.2   | 1.8   |
| 1363787   | NAD 83 -Z8 | 567737     | 7140414    | 3.3    | 112    | 415    | 1331   | 0.7    | 44.6   | 23.5   | 881    | 4.97   | 35.2   | 5.5   |
| 1363788   | NAD 83 -Z8 | 567687     | 7140420    | 3.8    | 49.9   | 234.1  | 840    | 0.4    | 30.5   | 17.6   | 625    | 4.34   | 23.1   | 1.2   |
| 1363789   | NAD 83 -Z8 | 567637     | 7140425    | 6.2    | 96     | 255    | 815    | 0.7    | 47.4   | 26     | 950    | 5.04   | 44.6   | 2.6   |
| 1363790   | NAD 83 -Z8 | 567587     | 7140428    | 7.9    | 114.5  | 198    | 657    | 1      | 43.1   | 19.3   | 626    | 5.23   | 50.7   | 7.4   |
| 1363791   | NAD 83 -Z8 | 568213     | 7140463    | 13.4   | 238.9  | 19.3   | 67     | 0.5    | 61.1   | 104.5  | 4689   | 5.57   | 66.6   | 4.4   |
| 1363792   | NAD 83 -Z8 | 568145     | 7140480    | 31.2   | 320.2  | 274.7  | 1363   | 4.7    | 100.6  | 74.5   | 5007   | 12.02  | 261.9  | 5.1   |
| 1363793   | NAD 83 -Z8 | 568095     | 7140482    | 8      | 104.5  | 47.9   | 345    | 0.6    | 60.7   | 43.6   | 4701   | 6.11   | 59.7   | 1.8   |
| 1363794   | NAD 83 -Z8 | 568045     | 7140488    | 66.7   | 468.7  | 203.2  | 951    | 3.3    | 143.1  | 85.4   | 897    | 14.78  | 254    | 6.5   |
| 1363795   | NAD 83 -Z8 | 567995     | 7140490    | 25.3   | 152.3  | 69.9   | 378    | 0.3    | 49.4   | 25.5   | 694    | 6.73   | 110.9  | 2     |
| 1363796   | NAD 83 -Z8 | 567944     | 7140495    | 22     | 167.5  | 70.3   | 265    | 1.1    | 63.4   | 39.2   | 732    | 8.43   | 186.8  | 4.4   |
| 1363797   | NAD 83 -Z8 | 567895     | 7140501    | 15.6   | 193.3  | 105.7  | 277    | 1.1    | 66.9   | 70.2   | 1292   | 9.78   | 171.7  | 4.5   |
| 1363798   | NAD 83 -Z8 | 567845     | 7140505    | 4.8    | 151.2  | 442.6  | 655    | 0.8    | 75.6   | 52.8   | 830    | 6.17   | 79.2   | 3     |

| sample_id | au_ppb | th_ppm | 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 |
|-----------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1360569   | 2.2    | 2.2    | 9      | 0.7    | 1      | 0.4    | 70    | 0.13   | 0.035 | 16     | 17     | 0.34   | 85     | 0.048  | 2     | 1.11   | 0.005  |
| 1360570   | 3.5    | 5.7    | 6      | 0.9    | 2.2    | 0.8    | 66    | 0.15   | 0.054 | 20     | 35     | 2.47   | 46     | 0.074  | 3     | 2.88   | 0.004  |
| 1360571   | 1.1    | 5.6    | 5      | 0.9    | 2.3    | 0.6    | 57    | 0.13   | 0.037 | 20     | 31     | 2.14   | 48     | 0.067  | 2     | 2.58   | 0.004  |
| 1360572   | 3.2    | 3.5    | 8      | 0.6    | 1.4    | 0.4    | 53    | 0.11   | 0.063 | 16     | 29     | 0.9    | 63     | 0.048  | 1     | 1.76   | 0.004  |
| 1360573   | 2.9    | 4.7    | 12     | 3.6    | 2.3    | 0.7    | 75    | 0.54   | 0.065 | 23     | 37     | 1.64   | 150    | 0.028  | 2     | 2.79   | 0.01   |
| 1360576   | 3.4    | 4.8    | 10     | 0.4    | 1.2    | 0.3    | 63    | 0.08   | 0.041 | 16     | 29     | 0.43   | 96     | 0.042  | 2     | 1.9    | 0.005  |
| 1360576   | 1.7    | 4.8    | 10     | 0.4    | 1.2    | 0.3    | 61    | 0.08   | 0.039 | 16     | 27     | 0.43   | 96     | 0.041  | 1     | 1.95   | 0.006  |
| 1360577   | 4.1    | 2.6    | 9      | 0.5    | 3.3    | 0.5    | 59    | 0.12   | 0.086 | 20     | 26     | 1.17   | 118    | 0.013  | 2     | 1.75   | 0.004  |
| 1360578   | 4      | 1      | 13     | 0.9    | 2.7    | 0.4    | 54    | 0.19   | 0.126 | 21     | 26     | 0.76   | 127    | 0.018  | 4     | 1.48   | 0.006  |
| 1360578   | 4.4    | 0.9    | 14     | 0.8    | 2.7    | 0.4    | 57    | 0.2    | 0.111 | 22     | 26     | 0.75   | 126    | 0.014  | 1     | 1.47   | 0.006  |
| 1360574   | 4.1    | 4      | 8      | 0.6    | 4.3    | 1      | 51    | 0.1    | 0.068 | 23     | 23     | 1.16   | 107    | 0.012  | 1     | 1.62   | 0.005  |
| 1360575   | 4.7    | 3.8    | 9      | 0.7    | 4.7    | 0.9    | 53    | 0.11   | 0.078 | 26     | 25     | 1.17   | 117    | 0.014  | 3     | 1.79   | 0.005  |
| 1360579   | 3.3    | 2.2    | 9      | 0.5    | 2.1    | 0.3    | 58    | 0.12   | 0.053 | 18     | 27     | 0.99   | 118    | 0.021  | 2     | 1.81   | 0.005  |
| 1360580   | 4.9    | 4.4    | 10     | 1      | 3.5    | 0.5    | 65    | 0.12   | 0.048 | 21     | 30     | 1.33   | 105    | 0.019  | 2     | 2.13   | 0.006  |
| 1360581   | 3.6    | 4.3    | 9      | 0.4    | 2.8    | 0.7    | 70    | 0.08   | 0.042 | 21     | 25     | 0.92   | 84     | 0.036  | 2     | 1.58   | 0.004  |
| 1360583   | 4      | 2.8    | 6      | 0.4    | 3.5    | 0.6    | 61    | 0.05   | 0.053 | 24     | 28     | 1.43   | 85     | 0.018  | 2     | 2.2    | 0.004  |
| 1360584   | 4.3    | 1.3    | 8      | 0.4    | 3.1    | 0.9    | 63    | 0.06   | 0.056 | 21     | 32     | 1.2    | 89     | 0.029  | 2     | 2.05   | 0.005  |
| 1360585   | 2.7    | 2.3    | 8      | 0.3    | 2      | 0.6    | 51    | 0.08   | 0.048 | 18     | 27     | 0.98   | 82     | 0.032  | 0.5   | 1.92   | 0.004  |
| 1360586   | 3.5    | 4      | 7      | 0.5    | 3.3    | 1      | 62    | 0.1    | 0.048 | 23     | 34     | 2.31   | 62     | 0.071  | 3     | 2.81   | 0.004  |
| 1360587   | 2.9    | 3.6    | 9      | 0.7    | 2.1    | 0.6    | 65    | 0.18   | 0.053 | 24     | 36     | 2.01   | 106    | 0.055  | 3     | 3.01   | 0.006  |
| 1360588   | 2.6    | 6.5    | 8      | 1.4    | 3.1    | 0.7    | 73    | 0.18   | 0.057 | 21     | 35     | 2.01   | 59     | 0.116  | 3     | 2.69   | 0.005  |
| 1360589   | 6.1    | 6.8    | 8      | 12.5   | 3.6    | 0.9    | 89    | 0.41   | 0.069 | 72     | 41     | 2.58   | 101    | 0.023  | 6     | 3.72   | 0.006  |
| 1360590   | 8      | 8.6    | 9      | 4      | 4      | 0.9    | 86    | 0.43   | 0.084 | 55     | 54     | 3.38   | 225    | 0.016  | 4     | 4.79   | 0.006  |
| 1360591   | 4.4    | 3.7    | 10     | 1.5    | 2.3    | 0.5    | 60    | 0.32   | 0.047 | 20     | 32     | 1.07   | 118    | 0.032  | 3     | 2.06   | 0.006  |
| 1360592   | 7.8    | 6.1    | 12     | 8.7    | 3      | 0.6    | 77    | 0.85   | 0.061 | 46     | 49     | 2.66   | 151    | 0.017  | 5     | 3.84   | 0.005  |
| 1363776   | 7.8    | 2.6    | 11     | 0.6    | 5.4    | 0.6    | 34    | 0.35   | 0.174 | 18     | 21     | 0.67   | 154    | 0.006  | 0.5   | 1.36   | 0.003  |
| 1363778   | 15.2   | 3.8    | 12     | 1.3    | 3.1    | 1.4    | 109   | 0.22   | 0.126 | 14     | 28     | 0.59   | 100    | 0.015  | 0.5   | 1.6    | 0.005  |
| 1363779   | 9.4    | 6.3    | 12     | 2.4    | 7.7    | 1.2    | 41    | 0.73   | 0.103 | 18     | 20     | 1.43   | 47     | 0.008  | 2     | 1.27   | 0.003  |
| 1363780   | 6.3    | 5.3    | 10     | 0.8    | 5.5    | 1.1    | 44    | 0.48   | 0.105 | 23     | 23     | 1.24   | 45     | 0.009  | 1     | 1.39   | 0.003  |
| 1363781   | 3.5    | 5.1    | 7      | 1.5    | 5.3    | 1.1    | 44    | 0.31   | 0.083 | 21     | 20     | 1.31   | 40     | 0.007  | 0.5   | 1.28   | 0.002  |
| 1363782   | 5.1    | 2.2    | 13     | 0.9    | 4.6    | 1.1    | 53    | 0.82   | 0.121 | 16     | 24     | 1.3    | 52     | 0.007  | 4     | 1.49   | 0.003  |
| 1363783   | 7.2    | 1.3    | 8      | 1      | 3.7    | 1      | 61    | 0.35   | 0.153 | 16     | 24     | 1.04   | 89     | 0.008  | 4     | 1.36   | 0.003  |
| 1363784   | 5.1    | 2.6    | 13     | 0.3    | 3.6    | 1.2    | 50    | 0.57   | 0.092 | 20     | 25     | 1.37   | 70     | 0.012  | 0.5   | 1.71   | 0.004  |
| 1363786   | 3.6    | 3.1    | 10     | 1.3    | 2.2    | 0.8    | 50    | 0.4    | 0.08  | 44     | 30     | 1.6    | 73     | 0.018  | 0.5   | 2.27   | 0.004  |
| 1363787   | 4.5    | 3.6    | 8      | 3.5    | 2.1    | 0.7    | 55    | 0.34   | 0.076 | 38     | 35     | 1.98   | 88     | 0.021  | 2     | 2.68   | 0.004  |
| 1363788   | 2.3    | 2.1    | 8      | 1.8    | 1.6    | 0.6    | 61    | 0.22   | 0.057 | 20     | 27     | 0.98   | 88     | 0.019  | 0.5   | 1.92   | 0.003  |
| 1363789   | 5      | 2.9    | 12     | 2.8    | 3.8    | 1.6    | 59    | 0.52   | 0.093 | 29     | 29     | 1.54   | 92     | 0.012  | 1     | 1.9    | 0.004  |
| 1363790   | 7      | 3.1    | 9      | 1      | 2.5    | 1.3    | 61    | 0.44   | 0.097 | 42     | 32     | 1.6    | 121    | 0.009  | 0.5   | 2.48   | 0.004  |
| 1363791   | 4.9    | 3.3    | 9      | 0.3    | 2.4    | 1.1    | 40    | 0.08   | 0.061 | 12     | 23     | 0.56   | 207    | 0.014  | 0.5   | 1.29   | 0.002  |
| 1363792   | 16.6   | 6.9    | 20     | 7.6    | 25     | 19.4   | 64    | 0.45   | 0.116 | 24     | 29     | 1.7    | 104    | 0.011  | 2     | 1.88   | 0.005  |
| 1363793   | 2.5    | 3.5    | 13     | 2.3    | 4.9    | 2.1    | 63    | 0.52   | 0.164 | 20     | 29     | 1.71   | 112    | 0.01   | 3     | 1.88   | 0.004  |
| 1363794   | 27.2   | 5.2    | 13     | 3.4    | 34.6   | 7.4    | 81    | 0.49   | 0.104 | 17     | 27     | 2.06   | 51     | 0.009  | 0.5   | 1.97   | 0.003  |
| 1363795   | 6.5    | 1.2    | 14     | 1.3    | 13.1   | 3.5    | 94    | 0.66   | 0.164 | 9      | 25     | 1.18   | 83     | 0.01   | 2     | 1.58   | 0.003  |
| 1363796   | 10.6   | 4.4    | 9      | 0.7    | 9.4    | 5.4    | 64    | 0.22   | 0.085 | 21     | 28     | 1.38   | 67     | 0.016  | 1     | 1.91   | 0.004  |
| 1363797   | 10.1   | 5.4    | 11     | 1      | 10.7   | 6.8    | 65    | 0.36   | 0.129 | 27     | 28     | 1.96   | 75     | 0.015  | 1     | 2.59   | 0.004  |
| 1363798   | 9.2    | 5.2    | 8      | 1.3    | 5      | 3      | 45    | 0.16   | 0.074 | 33     | 26     | 1.43   | 57     | 0.023  | 3     | 1.95   | 0.004  |

| sample_id | k_pct | w_ppm | hg_ppm | sc_ppm | tl_ppm | s_pct | ga_ppm | se_ppm | te_ppm | analysis | job_number  | colour          | moisture |
|-----------|-------|-------|--------|--------|--------|-------|--------|--------|--------|----------|-------------|-----------------|----------|
| 1360569   | 0.06  | 0.3   | 0.03   | 1.9    | 0.1    | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360570   | 0.08  | 0.2   | 0.04   | 4.1    | 0.1    | 0.025 | 9      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360571   | 0.08  | 0.2   | 0.03   | 4.2    | 0.1    | 0.025 | 9      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360572   | 0.06  | 0.2   | 0.04   | 2.6    | 0.1    | 0.025 | 7      | 0.25   | 0.2    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360573   | 0.16  | 0.2   | 0.05   | 6.7    | 0.3    | 0.025 | 9      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360576   | 0.07  | 0.2   | 0.03   | 3.2    | 0.2    | 0.025 | 7      | 0.5    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360576   | 0.07  | 0.2   | 0.04   | 3.2    | 0.2    | 0.025 | 7      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360577   | 0.11  | 0.05  | 0.05   | 3.3    | 0.2    | 0.025 | 5      | 0.9    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360578   | 0.11  | 0.1   | 0.07   | 2      | 0.2    | 0.025 | 4      | 1      | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360578   | 0.11  | 0.05  | 0.06   | 1.9    | 0.2    | 0.025 | 5      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360574   | 0.1   | 0.1   | 0.04   | 3.7    | 0.3    | 0.025 | 4      | 1.7    | 0.1    | 1DX15    | DAW12000287 | Grey            | Wet      |
| 1360575   | 0.1   | 0.05  | 0.06   | 3.9    | 0.3    | 0.025 | 4      | 1.8    | 0.1    | 1DX15    | DAW12000287 | Grey            | Wet      |
| 1360579   | 0.08  | 0.1   | 0.05   | 2.7    | 0.2    | 0.025 | 6      | 1.1    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360580   | 0.1   | 0.2   | 0.06   | 3.4    | 0.3    | 0.025 | 5      | 1.3    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360581   | 0.12  | 0.2   | 0.03   | 2.8    | 0.2    | 0.025 | 7      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Grey            | Wet      |
| 1360583   | 0.13  | 0.1   | 0.04   | 2.7    | 0.3    | 0.025 | 6      | 1      | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360584   | 0.11  | 0.2   | 0.05   | 2.4    | 0.2    | 0.025 | 7      | 1      | 0.1    | 1DX15    | DAW12000287 | Grey            | Wet      |
| 1360585   | 0.08  | 0.2   | 0.04   | 2.7    | 0.2    | 0.025 | 6      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Grey            | Wet      |
| 1360586   | 0.1   | 0.3   | 0.04   | 4.3    | 0.2    | 0.025 | 9      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Wet      |
| 1360587   | 0.09  | 0.3   | 0.04   | 4.5    | 0.2    | 0.025 | 9      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360588   | 0.07  | 0.4   | 0.07   | 4.6    | 0.2    | 0.025 | 10     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Wet      |
| 1360589   | 0.2   | 0.1   | 0.24   | 9.3    | 0.4    | 0.025 | 11     | 1.3    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360590   | 0.31  | 0.2   | 0.36   | 11.6   | 0.5    | 0.025 | 14     | 1      | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360591   | 0.1   | 0.2   | 0.06   | 4.2    | 0.2    | 0.025 | 6      | 1.2    | 0.1    | 1DX15    | DAW12000287 | Grey            | Wet      |
| 1360592   | 0.25  | 0.2   | 0.26   | 9.8    | 0.4    | 0.025 | 11     | 1.7    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1363776   | 0.07  | 0.05  | 0.26   | 4.8    | 0.6    | 0.08  | 3      | 2.5    | 0.2    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1363778   | 0.07  | 0.1   | 0.25   | 8.9    | 0.6    | 0.025 | 5      | 2.8    | 0.4    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1363779   | 0.1   | 0.05  | 0.4    | 5.5    | 0.5    | 0.1   | 4      | 3.3    | 0.2    | 1DX15    | DAW12000288 | Grey            | Damp     |
| 1363780   | 0.1   | 0.05  | 0.42   | 5.7    | 0.3    | 0.025 | 4      | 2.9    | 0.1    | 1DX15    | DAW12000288 | Dark Grey Black | Damp     |
| 1363781   | 0.09  | 0.05  | 0.35   | 5      | 0.3    | 0.025 | 4      | 2.1    | 0.3    | 1DX15    | DAW12000288 | Dark Grey Black | Damp     |
| 1363782   | 0.09  | 0.05  | 0.38   | 4.5    | 0.2    | 0.09  | 4      | 2.9    | 0.2    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1363783   | 0.11  | 0.05  | 0.3    | 2.1    | 0.3    | 0.07  | 5      | 2.2    | 0.1    | 1DX15    | DAW12000288 | Dark Grey Black | Damp     |
| 1363784   | 0.06  | 0.1   | 0.14   | 3.7    | 0.2    | 0.025 | 5      | 2      | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1363786   | 0.07  | 0.2   | 0.08   | 3.5    | 0.2    | 0.025 | 7      | 0.5    | 0.1    | 1DX15    | DAW12000288 | Light Brown     | Damp     |
| 1363787   | 0.1   | 0.1   | 0.13   | 5.8    | 0.3    | 0.025 | 8      | 1.4    | 0.1    | 1DX15    | DAW12000288 | Light Brown     | Damp     |
| 1363788   | 0.08  | 0.2   | 0.08   | 2.8    | 0.2    | 0.025 | 8      | 0.8    | 0.1    | 1DX15    | DAW12000288 | Light Brown     | Damp     |
| 1363789   | 0.07  | 0.1   | 0.25   | 5.4    | 0.2    | 0.025 | 5      | 0.9    | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1363790   | 0.1   | 0.1   | 0.28   | 4.6    | 0.3    | 0.06  | 7      | 1.8    | 0.1    | 1DX15    | DAW12000288 | Light Grey      | Wet      |
| 1363791   | 0.06  | 0.1   | 0.17   | 4.2    | 1      | 0.025 | 4      | 1.4    | 0.3    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1363792   | 0.11  | 0.1   | 1.24   | 9.6    | 0.8    | 0.17  | 5      | 6      | 1.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1363793   | 0.12  | 0.05  | 0.21   | 6.7    | 0.4    | 0.08  | 5      | 1.9    | 0.3    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1363794   | 0.04  | 0.2   | 0.52   | 5.7    | 0.5    | 0.1   | 5      | 10.8   | 1.4    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1363795   | 0.04  | 0.2   | 0.12   | 2.1    | 0.2    | 0.09  | 6      | 3.2    | 0.8    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1363796   | 0.06  | 0.2   | 0.09   | 4      | 0.2    | 0.025 | 5      | 3.5    | 0.5    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1363797   | 0.06  | 0.2   | 0.14   | 4.6    | 0.3    | 0.025 | 7      | 2.4    | 0.8    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1363798   | 0.05  | 0.2   | 0.1    | 3.9    | 0.2    | 0.025 | 6      | 1.3    | 0.3    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |

| sample_id | site_slope       | depth | horizon | site_veget    | ground_cov           | quality   | note1           | note2           |
|-----------|------------------|-------|---------|---------------|----------------------|-----------|-----------------|-----------------|
| 1360569   | Pronounced Slope | 70    | C       | Dwarf Birch   | Sphagnum Moss < 30cm | Good      | Rusty Rock Chip | Rocky           |
| 1360570   | Pronounced Slope | 70    | C       | Dwarf Birch   | Reindeer Moss        | Excellent | Rusty Rock Chip | Coarse          |
| 1360571   | Subtle Slope     | 70    | C       | Dwarf Birch   | Thin Moss Cover      | Excellent | Rusty Rock Chip | Coarse          |
| 1360572   | Subtle Slope     | 50    | C       | Dwarf Birch   | Sphagnum Moss < 30cm | Excellent | Coarse          | Rusty Rock Chip |
| 1360573   | Subtle Slope     | 50    | C       | Dwarf Birch   | Thin Moss Cover      | Good      | Rusty Rock Chip | Sandy           |
| 1360576   | Subtle Slope     | 50    | B       | Dwarf Birch   | Reindeer Moss        | Good      | Rusty Rock Chip | Sandy           |
| 1360576   | Subtle Slope     | 50    | B       | Dwarf Birch   | Reindeer Moss        | Good      | Rusty Rock Chip | Sandy           |
| 1360577   | Pronounced Slope | 80    | C       | Dwarf Birch   | Sphagnum Moss < 30cm | Good      | Rusty Rock Chip | Coarse          |
| 1360578   | Pronounced Slope | 90    | C       | Dwarf Birch   | Sphagnum Moss < 30cm | Good      | Rusty Rock Chip | Coarse          |
| 1360578   | Pronounced Slope | 90    | C       | Dwarf Birch   | Sphagnum Moss < 30cm | Good      | Rusty Rock Chip | Coarse          |
| 1360574   | Pronounced Slope | 100   | C       | Dwarf Birch   | Grass Cover          | Excellent | Rusty Rock Chip | Dull Red Rust   |
| 1360575   | Pronounced Slope | 100   | C       | Dwarf Birch   | Grass Cover          | Excellent | Rusty Rock Chip | Dull Red Rust   |
| 1360579   | Pronounced Slope | 80    | C       | Dwarf Birch   | Grass Cover          | Excellent | Coarse          | Rusty Rock Chip |
| 1360580   | Pronounced Slope | 60    | C       | Dwarf Birch   | Grass Cover          | Excellent | Coarse          | Rusty Rock Chip |
| 1360581   | Pronounced Slope | 80    | C       | Dwarf Birch   | Reindeer Moss        | Good      | Rusty Rock Chip | Quartz Chips    |
| 1360583   | Pronounced Slope | 80    | C       | Dwarf Birch   | Grass Cover          | Excellent | Rusty Rock Chip |                 |
| 1360584   | Pronounced Slope | 80    | C       | Dwarf Birch   | Reindeer Moss        | Excellent | Rusty Rock Chip |                 |
| 1360585   | Pronounced Slope | 50    | C       | Dwarf Birch   | Sphagnum Moss < 30cm | Excellent | Coarse          | Rusty Rock Chip |
| 1360586   | Pronounced Slope | 70    | C       | Dwarf Birch   | Sphagnum Moss < 30cm | Excellent | Coarse          | Rusty Rock Chip |
| 1360587   | Pronounced Slope | 60    | C       | Dwarf Birch   | Reindeer Moss        | Good      | Rusty Rock Chip | Coarse          |
| 1360588   | Pronounced Slope | 50    | C       | Dwarf Birch   | Reindeer Moss        | Excellent | Coarse          | Rusty Rock Chip |
| 1360589   | Pronounced Slope | 60    | B       | Dwarf Birch   | Grass Cover          | Good      | Rusty Rock Chip |                 |
| 1360590   | Subtle Slope     | 50    | B       | Dwarf Birch   | Thin Moss Cover      | Good      | Rusty Rock Chip |                 |
| 1360591   | Subtle Slope     | 60    | B       | Dwarf Birch   | Reindeer Moss        | Good      | Sandy           | Rusty Rock Chip |
| 1360592   | Subtle Slope     | 50    | B       | Dwarf Birch   | Thin Moss Cover      | Poor      | Clay            |                 |
| 1363776   | Subtle Slope     | 40    | C       | No Tree Cover | Rock Cover           | Good      | Coarse          | Rocky Terrain   |
| 1363778   | Steep            | 30    | C       | No Tree Cover | Rock Cover           | Good      | Coarse          | Rocky Terrain   |
| 1363779   | Pronounced Slope | 60    | C       | No Tree Cover | Rock Cover           | Good      | Coarse          | Rocky Terrain   |
| 1363780   | Pronounced Slope | 60    | C       | No Tree Cover | Rock Cover           | Good      | Coarse          | Rocky           |
| 1363781   | Pronounced Slope | 60    | B       | No Tree Cover | Grass Cover          | Good      | Coarse          | Sandy           |
| 1363782   | Pronounced Slope | 90    | B       | No Tree Cover | Grass Cover          | Good      | Fine            | Rocky           |
| 1363783   | Pronounced Slope | 50    | B       | No Tree Cover | Grass Cover          | Poor      | Rocky           | Organic 10%     |
| 1363784   | Pronounced Slope | 40    | B       | Willows       | Thin Moss Cover      | Good      | Coarse          | Rocky           |
| 1363786   | Pronounced Slope | 60    | B       | No Tree Cover | Reindeer Moss        | Good      | Fine            | Rocky           |
| 1363787   | Pronounced Slope | 50    | B       | No Tree Cover | Grass Cover          | Good      | Rocky           |                 |
| 1363788   | Pronounced Slope | 40    | B       | No Tree Cover | Rock Cover           | Good      | Rocky Terrain   |                 |
| 1363789   | Subtle Slope     | 80    | B       | Dwarf Birch   | Sphagnum Moss < 30cm | Good      | Clay            | Rusty Rock Chip |
| 1363790   | Subtle Slope     | 40    | B       | No Tree Cover | Grass Cover          | Poor      | Mud             |                 |
| 1363791   | Steep            | 20    | C       | No Tree Cover | Rock Cover           | Excellent | Coarse          |                 |
| 1363792   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover           | Good      | Coarse          | Rocky           |
| 1363793   | Pronounced Slope | 40    | B       | No Tree Cover | Rock Cover           | Poor      | Fine            | Organic 10%     |
| 1363794   | Pronounced Slope | 40    | B       | No Tree Cover | Bare Soil            | Good      | Coarse          | Outcrop Nearby  |
| 1363795   | Pronounced Slope | 50    | B       | No Tree Cover | Rock Cover           | Good      | Coarse          | Rocky Terrain   |
| 1363796   | Pronounced Slope | 50    | B       | No Tree Cover | Thin Moss Cover      | Good      | Coarse          | Rocky           |
| 1363797   | Pronounced Slope | 50    | B       | No Tree Cover | Thin Moss Cover      | Good      | Fine            | Rocky           |
| 1363798   | Steep            | 40    | B       | No Tree Cover | Bare Soil            | Good      | Coarse          | Rocky           |

| sample_id | utm_zone   | utm_eastin | utm_northi | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|-----------|------------|------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1363799   | NAD 83 -Z8 | 567796     | 7140512    | 3.5    | 79.7   | 84     | 191    | 0.4    | 47.1   | 26.3   | 667    | 4.66   | 133.6  | 1.7   |
| 1363800   | NAD 83 -Z8 | 567763     | 7140508    | 2.6    | 920.2  | 1106.8 | 10000  | 23.3   | 207.1  | 291.3  | 2631   | 19.6   | 50.4   | 1.4   |
| 1363800   | NAD 83 -Z8 | 567763     | 7140508    | 2.9    | 918    | 1043.6 | 10000  | 23     | 207.1  | 291.8  | 2609   | 19.34  | 50.3   | 1.3   |
| 1363802   | NAD 83 -Z8 | 567746     | 7140515    | 5.9    | 109.5  | 155    | 334    | 0.8    | 55.1   | 33.8   | 747    | 5.63   | 176    | 3.1   |
| 1363803   | NAD 83 -Z8 | 567695     | 7140519    | 6.5    | 77.9   | 154.4  | 608    | 0.2    | 46.6   | 38.9   | 963    | 5.99   | 169.1  | 1.7   |
| 1363804   | NAD 83 -Z8 | 567646     | 7140524    | 4.8    | 50.1   | 50     | 243    | 0.05   | 26     | 15.6   | 484    | 4.6    | 104.4  | 1     |
| 1363805   | NAD 83 -Z8 | 567595     | 7140526    | 5.3    | 59.1   | 48.4   | 304    | 0.4    | 30.9   | 15.1   | 910    | 3.89   | 13.3   | 2.9   |
| 1363785   | NAD 83 -Z8 | 567837     | 7140405    | 4.9    | 46.1   | 83.3   | 207    | 0.1    | 26.7   | 21.7   | 716    | 4.72   | 29.8   | 1.3   |
| 1360090   | NAD 83 -Z8 | 568207     | 7140582    | 29.1   | 501.6  | 315    | 1706   | 8.4    | 106.2  | 120    | 4288   | 10.71  | 398.5  | 9.7   |
| 1360091   | NAD 83 -Z8 | 568154     | 7140569    | 15.6   | 224.7  | 92.6   | 498    | 1.8    | 76.1   | 67     | 3861   | 6.94   | 108.2  | 4.4   |
| 1360092   | NAD 83 -Z8 | 568105     | 7140583    | 12.8   | 161.9  | 58.7   | 433    | 1      | 68.9   | 47.9   | 3170   | 5.58   | 64.3   | 3.8   |
| 1360093   | NAD 83 -Z8 | 568055     | 7140588    | 14.4   | 157.7  | 83     | 477    | 0.5    | 64.8   | 43.4   | 1655   | 7.01   | 75.8   | 2.5   |
| 1360094   | NAD 83 -Z8 | 568004     | 7140592    | 13.9   | 142.5  | 59.8   | 167    | 0.8    | 60.1   | 46.2   | 1038   | 8.11   | 101.1  | 4.3   |
| 1360095   | NAD 83 -Z8 | 567954     | 7140596    | 6.6    | 64.8   | 23.5   | 99     | 0.1    | 44.5   | 19.7   | 750    | 4.38   | 30.4   | 1.1   |
| 1360096   | NAD 83 -Z8 | 567904     | 7140601    | 4.8    | 67.6   | 40.1   | 124    | 0.2    | 41.6   | 27     | 580    | 4.24   | 46.5   | 1.2   |
| 1360097   | NAD 83 -Z8 | 567854     | 7140605    | 3.2    | 223    | 107.8  | 111    | 1.6    | 87.2   | 85.2   | 941    | 7.82   | 87.9   | 2.5   |
| 1360098   | NAD 83 -Z8 | 567805     | 7140610    | 3      | 272.3  | 3116.1 | 2762   | 4.2    | 103.5  | 89     | 1206   | 7      | 89.4   | 4.8   |
| 1360099   | NAD 83 -Z8 | 567757     | 7140623    | 5.6    | 107.1  | 143.5  | 444    | 0.8    | 55.6   | 32.5   | 1478   | 5.51   | 38.1   | 2.2   |
| 1360102   | NAD 83 -Z8 | 567705     | 7140618    | 5.7    | 97.3   | 97.3   | 282    | 0.5    | 53.4   | 36.5   | 1988   | 5.14   | 31.3   | 1.9   |
| 1360103   | NAD 83 -Z8 | 567654     | 7140623    | 3.6    | 73.9   | 72.1   | 177    | 0.3    | 32.5   | 38.3   | 2065   | 3.3    | 16.3   | 1.7   |
| 1360104   | NAD 83 -Z8 | 567610     | 7140617    | 4      | 76     | 56.2   | 210    | 0.4    | 35.2   | 24.3   | 1079   | 3.88   | 27.6   | 1.4   |
| 1360105   | NAD 83 -Z8 | 567614     | 7140726    | 4.1    | 44.2   | 48.2   | 179    | 0.2    | 33.5   | 12.7   | 422    | 3.04   | 18.1   | 1.3   |
| 1360106   | NAD 83 -Z8 | 567660     | 7140722    | 6      | 84.1   | 136.9  | 399    | 0.6    | 45.2   | 24.9   | 1232   | 5.5    | 42.8   | 1.8   |
| 1360106   | NAD 83 -Z8 | 567660     | 7140722    | 6      | 87.7   | 144.5  | 412    | 0.5    | 45.6   | 25.9   | 1275   | 5.97   | 46.5   | 1.9   |
| 1360107   | NAD 83 -Z8 | 567712     | 7140717    | 6      | 82.9   | 121.1  | 361    | 0.3    | 49.2   | 28     | 1471   | 6.21   | 35.9   | 1.5   |
| 1360108   | NAD 83 -Z8 | 567760     | 7140713    | 3.1    | 221    | 433.5  | 2627   | 1.2    | 54.7   | 32.2   | 1166   | 4.5    | 26.3   | 3     |
| 1360109   | NAD 83 -Z8 | 567810     | 7140709    | 2.9    | 129.4  | 199.6  | 1981   | 0.4    | 43.2   | 38.4   | 974    | 4.46   | 21.4   | 1.7   |
| 1360110   | NAD 83 -Z8 | 567861     | 7140704    | 3.4    | 78.6   | 187.8  | 333    | 0.3    | 42.8   | 29.8   | 674    | 4.43   | 19.4   | 1.8   |
| 1360111   | NAD 83 -Z8 | 567910     | 7140700    | 5.1    | 52.9   | 43.3   | 196    | 0.2    | 43.4   | 22.6   | 1116   | 4.56   | 23.5   | 1     |
| 1360112   | NAD 83 -Z8 | 567961     | 7140695    | 8.4    | 62.4   | 47.5   | 118    | 0.8    | 72.6   | 27.8   | 4513   | 7.12   | 30.6   | 1.5   |
| 1360113   | NAD 83 -Z8 | 568010     | 7140692    | 10.8   | 223.3  | 45.3   | 130    | 1.1    | 89.6   | 33.6   | 6141   | 7.75   | 42.1   | 2.5   |
| 1360114   | NAD 83 -Z8 | 568062     | 7140675    | 12.8   | 143.4  | 34.7   | 126    | 0.6    | 116.3  | 39.1   | 3731   | 5.44   | 35.9   | 2.6   |
| 1360114   | NAD 83 -Z8 | 568062     | 7140675    | 12.6   | 137.4  | 34.3   | 126    | 0.5    | 115.4  | 37.6   | 3830   | 5.34   | 35.4   | 2.5   |
| 1360115   | NAD 83 -Z8 | 568110     | 7140683    | 9.5    | 130    | 35.5   | 107    | 0.8    | 77.1   | 37.6   | 4375   | 5.9    | 74.7   | 2     |
| 1360116   | NAD 83 -Z8 | 568165     | 7140670    | 4.7    | 149.1  | 15     | 68     | 0.3    | 45.9   | 40.4   | 3153   | 5.77   | 27.5   | 5.8   |
| 1360117   | NAD 83 -Z8 | 568210     | 7140673    | 4.5    | 161.7  | 16     | 72     | 0.3    | 48.7   | 42.5   | 3276   | 5.44   | 25.8   | 6.7   |
| 1360118   | NAD 83 -Z8 | 568121     | 7140782    | 13.8   | 219.7  | 23.8   | 110    | 0.5    | 51.2   | 53.1   | 4210   | 5.36   | 39.4   | 9.9   |
| 1360119   | NAD 83 -Z8 | 568071     | 7140787    | 9.8    | 210.9  | 21.3   | 90     | 0.5    | 39.6   | 46.8   | 4216   | 4.15   | 21.7   | 6.3   |
| 1360120   | NAD 83 -Z8 | 568021     | 7140792    | 9.8    | 147.7  | 118.4  | 278    | 1.4    | 83.3   | 26.3   | 4005   | 4.71   | 37.9   | 2     |
| 1360596   | NAD 83 -Z8 | 565842     | 7140927    | 2.7    | 64.8   | 254.4  | 675    | 0.5    | 47.6   | 41.1   | 1798   | 7.03   | 33.8   | 1.9   |
| 1360597   | NAD 83 -Z8 | 565871     | 7140902    | 4.4    | 150.4  | 138.1  | 398    | 1.5    | 42.7   | 29.8   | 10000  | 9.75   | 64.4   | 2.3   |
| 1360597   | NAD 83 -Z8 | 565871     | 7140902    | 5.2    | 154    | 141.8  | 406    | 1.7    | 46.2   | 30.7   | 10000  | 9.9    | 65     | 2.4   |
| 1360599   | NAD 83 -Z8 | 565903     | 7140865    | 0.7    | 690.9  | 47     | 180    | 1      | 43.5   | 85.4   | 2690   | 8.92   | 33.7   | 0.5   |
| 1360600   | NAD 83 -Z8 | 565943     | 7140837    | 1.1    | 342.2  | 163.5  | 320    | 0.7    | 51.1   | 43.9   | 7356   | 8.5    | 24.3   | 0.6   |
| 1360603   | NAD 83 -Z8 | 565978     | 7140800    | 0.8    | 273.3  | 113.2  | 162    | 0.5    | 41.8   | 48.4   | 4163   | 8.55   | 18.9   | 0.3   |
| 1360604   | NAD 83 -Z8 | 566025     | 7140785    | 0.3    | 165.7  | 103.8  | 104    | 0.2    | 12.2   | 68.6   | 2048   | 10.92  | 9.4    | 0.05  |

| sample_id | au_ppb | th_ppm | 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 |
|-----------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1363799   | 3.9    | 3.6    | 8      | 0.5    | 2.2    | 1.2    | 51    | 0.47   | 0.064 | 24     | 28     | 1.61   | 72     | 0.021  | 1     | 2.19   | 0.004  |
| 1363800   | 116    | 2.9    | 12     | 291.7  | 11.4   | 5.5    | 19    | 1.72   | 0.053 | 12     | 11     | 0.57   | 24     | 0.014  | 1     | 0.85   | 0.009  |
| 1363800   | 116.1  | 2.7    | 11     | 280.4  | 11.1   | 5.2    | 19    | 1.71   | 0.053 | 12     | 11     | 0.54   | 23     | 0.014  | 3     | 0.83   | 0.002  |
| 1363802   | 7.9    | 3.5    | 8      | 1.1    | 3.5    | 2      | 64    | 0.32   | 0.085 | 31     | 30     | 1.75   | 77     | 0.02   | 0.5   | 2.41   | 0.004  |
| 1363803   | 3.2    | 5.3    | 7      | 1.4    | 3.8    | 2.7    | 66    | 0.12   | 0.07  | 21     | 31     | 1.42   | 69     | 0.036  | 0.5   | 2.16   | 0.004  |
| 1363804   | 3.9    | 2.6    | 7      | 0.7    | 2.6    | 1.4    | 68    | 0.13   | 0.044 | 16     | 27     | 0.82   | 64     | 0.033  | 0.5   | 1.69   | 0.004  |
| 1363805   | 3.2    | 5.3    | 4      | 1.5    | 1.5    | 0.3    | 41    | 0.2    | 0.047 | 21     | 23     | 1.21   | 67     | 0.017  | 2     | 1.59   | 0.004  |
| 1363785   | 2.9    | 0.9    | 10     | 0.7    | 2.2    | 1      | 62    | 0.44   | 0.079 | 13     | 29     | 1.22   | 63     | 0.021  | 1     | 1.77   | 0.003  |
| 1360090   | 19.8   | 10.6   | 13     | 8.2    | 36.2   | 38.5   | 83    | 0.35   | 0.112 | 19     | 33     | 1.75   | 112    | 0.02   | 2     | 1.72   | 0.004  |
| 1360091   | 10.9   | 8.2    | 9      | 2.4    | 9.8    | 6.5    | 70    | 0.2    | 0.115 | 23     | 32     | 1.64   | 83     | 0.015  | 2     | 1.86   | 0.008  |
| 1360092   | 3.8    | 7.6    | 9      | 2      | 5.7    | 2.8    | 89    | 0.24   | 0.114 | 27     | 35     | 2.35   | 85     | 0.016  | 3     | 2.15   | 0.006  |
| 1360093   | 11.2   | 3.1    | 11     | 1.1    | 10.6   | 2.7    | 86    | 0.36   | 0.142 | 19     | 35     | 1.8    | 99     | 0.019  | 2     | 2.34   | 0.005  |
| 1360094   | 6.7    | 5      | 12     | 0.5    | 7.9    | 2.2    | 63    | 0.43   | 0.079 | 28     | 26     | 1.11   | 96     | 0.023  | 2     | 1.68   | 0.006  |
| 1360095   | 3.7    | 1.7    | 9      | 0.2    | 3.1    | 0.9    | 75    | 0.24   | 0.073 | 19     | 26     | 1.19   | 92     | 0.015  | 2     | 1.81   | 0.004  |
| 1360096   | 2.1    | 3.6    | 6      | 0.1    | 3.2    | 1.2    | 62    | 0.07   | 0.06  | 23     | 30     | 1.68   | 67     | 0.03   | 2     | 2.15   | 0.005  |
| 1360097   | 10.9   | 7      | 7      | 0.3    | 2.9    | 1.9    | 45    | 0.58   | 0.065 | 64     | 29     | 1.67   | 54     | 0.038  | 3     | 2.04   | 0.004  |
| 1360098   | 11.7   | 6.6    | 7      | 11     | 4.4    | 2.2    | 55    | 0.65   | 0.072 | 54     | 32     | 1.96   | 42     | 0.044  | 3     | 2.28   | 0.006  |
| 1360099   | 3.1    | 5.5    | 7      | 1.7    | 4      | 1.3    | 56    | 0.33   | 0.08  | 46     | 24     | 1.61   | 67     | 0.006  | 3     | 1.59   | 0.003  |
| 1360102   | 1.5    | 3.4    | 10     | 1.2    | 3.1    | 1      | 56    | 0.62   | 0.108 | 38     | 28     | 1.47   | 75     | 0.009  | 4     | 1.6    | 0.005  |
| 1360103   | 0.7    | 1.1    | 13     | 1.2    | 1.7    | 0.8    | 38    | 0.7    | 0.14  | 32     | 22     | 0.79   | 69     | 0.01   | 4     | 1.35   | 0.009  |
| 1360104   | 2.2    | 2      | 8      | 0.7    | 2.3    | 0.8    | 50    | 0.16   | 0.072 | 23     | 26     | 1.04   | 62     | 0.017  | 2     | 1.61   | 0.004  |
| 1360105   | 1.5    | 2.8    | 6      | 0.4    | 1.4    | 0.4    | 68    | 0.25   | 0.052 | 22     | 27     | 1.2    | 72     | 0.028  | 2     | 1.76   | 0.004  |
| 1360106   | 4.6    | 4.9    | 7      | 0.7    | 4.1    | 1.7    | 56    | 0.25   | 0.103 | 33     | 24     | 1.35   | 71     | 0.006  | 2     | 1.76   | 0.004  |
| 1360106   | 3.4    | 4.9    | 7      | 1      | 4.4    | 1.9    | 58    | 0.26   | 0.104 | 34     | 26     | 1.38   | 73     | 0.006  | 4     | 1.76   | 0.004  |
| 1360107   | 1.5    | 4.8    | 8      | 1      | 4.6    | 1.5    | 59    | 0.21   | 0.114 | 35     | 26     | 1.47   | 78     | 0.007  | 3     | 1.9    | 0.004  |
| 1360108   | 5.5    | 5.1    | 12     | 6.6    | 2.4    | 1      | 57    | 0.44   | 0.087 | 55     | 37     | 1.62   | 90     | 0.042  | 4     | 2.33   | 0.006  |
| 1360109   | 3.4    | 5      | 6      | 5      | 2      | 0.9    | 56    | 0.25   | 0.065 | 40     | 36     | 2.08   | 76     | 0.037  | 4     | 2.56   | 0.004  |
| 1360110   | 1.7    | 3.4    | 7      | 0.7    | 1.8    | 0.8    | 60    | 0.36   | 0.074 | 35     | 35     | 1.8    | 73     | 0.036  | 4     | 2.54   | 0.005  |
| 1360111   | 1.5    | 2.6    | 6      | 0.5    | 2.8    | 0.7    | 62    | 0.11   | 0.087 | 20     | 29     | 1.78   | 80     | 0.013  | 3     | 2.19   | 0.006  |
| 1360112   | 6.6    | 2.3    | 15     | 0.6    | 4.2    | 0.9    | 68    | 1.2    | 0.1   | 22     | 20     | 1.03   | 65     | 0.006  | 4     | 1.34   | 0.004  |
| 1360113   | 7.9    | 6      | 12     | 0.4    | 5.2    | 0.9    | 74    | 0.35   | 0.083 | 33     | 26     | 1.66   | 106    | 0.008  | 1     | 1.9    | 0.003  |
| 1360114   | 4.9    | 7.4    | 8      | 0.4    | 5.2    | 0.8    | 62    | 0.26   | 0.083 | 24     | 21     | 1.47   | 37     | 0.007  | 3     | 1.5    | 0.003  |
| 1360114   | 2.4    | 7      | 8      | 0.5    | 4.7    | 0.7    | 58    | 0.26   | 0.081 | 22     | 20     | 1.4    | 36     | 0.008  | 6     | 1.41   | 0.003  |
| 1360115   | 1.5    | 7.4    | 12     | 0.6    | 5.1    | 0.7    | 52    | 0.47   | 0.117 | 32     | 22     | 1.4    | 62     | 0.009  | 3     | 1.41   | 0.004  |
| 1360116   | 1.9    | 6.1    | 7      | 0.2    | 1.4    | 0.7    | 34    | 0.1    | 0.072 | 19     | 19     | 0.62   | 99     | 0.011  | 2     | 1.23   | 0.003  |
| 1360117   | 5.1    | 6.7    | 8      | 0.3    | 1.5    | 0.7    | 34    | 0.11   | 0.063 | 16     | 21     | 0.67   | 99     | 0.014  | 2     | 1.24   | 0.004  |
| 1360118   | 3      | 5.3    | 11     | 0.5    | 2.7    | 0.6    | 42    | 0.14   | 0.089 | 18     | 21     | 0.64   | 123    | 0.024  | 2     | 1.57   | 0.005  |
| 1360119   | 6.5    | 5.5    | 11     | 0.4    | 1.4    | 0.6    | 46    | 0.14   | 0.106 | 20     | 27     | 0.78   | 104    | 0.033  | 1     | 1.66   | 0.006  |
| 1360120   | 4.8    | 3.9    | 12     | 2.3    | 4.3    | 0.4    | 49    | 0.56   | 0.155 | 33     | 26     | 0.82   | 105    | 0.016  | 4     | 1.26   | 0.009  |
| 1360596   | 1.5    | 4.4    | 6      | 1.8    | 8.1    | 1.4    | 52    | 0.14   | 0.065 | 46     | 25     | 1.1    | 79     | 0.016  | 3     | 1.65   | 0.004  |
| 1360597   | 5.7    | 7.2    | 18     | 1.4    | 13.6   | 2      | 59    | 0.67   | 0.039 | 25     | 31     | 2.05   | 122    | 0.034  | 6     | 2.11   | 0.004  |
| 1360597   | 4.4    | 7.1    | 18     | 1.4    | 14.5   | 2.1    | 61    | 0.72   | 0.038 | 26     | 33     | 2.12   | 125    | 0.037  | 5     | 2.19   | 0.004  |
| 1360599   | 15.7   | 1.6    | 7      | 0.8    | 3.7    | 0.3    | 439   | 0.34   | 0.057 | 8      | 13     | 2.55   | 108    | 0.083  | 5     | 3.53   | 0.005  |
| 1360600   | 9.5    | 1.5    | 13     | 2.1    | 2.9    | 0.1    | 174   | 0.46   | 0.061 | 9      | 32     | 1.59   | 151    | 0.045  | 5     | 2.37   | 0.007  |
| 1360603   | 12.2   | 1.4    | 11     | 0.5    | 1.2    | 0.1    | 427   | 0.72   | 0.032 | 10     | 9      | 3.01   | 87     | 0.112  | 2     | 3.38   | 0.007  |
| 1360604   | 3      | 0.7    | 9      | 0.05   | 1.5    | 0.05   | 268   | 0.68   | 0.042 | 8      | 1      | 2.43   | 34     | 0.077  | 4     | 2.93   | 0.006  |

| sample_id | k_pct | w_ppm | hg_ppm | sc_ppm | tl_ppm | s_pct | ga_ppm | se_ppm | te_ppm | analysis | job_number  | colour          | moisture |
|-----------|-------|-------|--------|--------|--------|-------|--------|--------|--------|----------|-------------|-----------------|----------|
| 1363799   | 0.07  | 0.2   | 0.04   | 3.4    | 0.2    | 0.025 | 6      | 2      | 0.1    | 1DX15    | DAW12000288 | Light Brown     | Damp     |
| 1363800   | 0.03  | 0.05  | 29.31  | 7.6    | 0.2    | 0.72  | 3      | 80.5   | 0.3    | 1DX15    | DAW12000288 | Reddish Brown   | Damp     |
| 1363800   | 0.03  | 0.1   | 29.11  | 7.4    | 0.2    | 0.72  | 3      | 79.5   | 0.3    | 1DX15    | DAW12000288 | Reddish Brown   | Damp     |
| 1363802   | 0.07  | 0.1   | 0.11   | 4.3    | 0.2    | 0.025 | 7      | 1.9    | 0.2    | 1DX15    | DAW12000288 | Light Brown     | Damp     |
| 1363803   | 0.07  | 0.2   | 0.19   | 4.1    | 0.2    | 0.025 | 7      | 1.5    | 0.1    | 1DX15    | DAW12000288 | Light Brown     | Damp     |
| 1363804   | 0.06  | 0.3   | 0.05   | 2.3    | 0.2    | 0.025 | 7      | 1.9    | 0.1    | 1DX15    | DAW12000288 | Light Brown     | Damp     |
| 1363805   | 0.08  | 0.1   | 0.08   | 4      | 0.1    | 0.025 | 5      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Greyish Green   | Damp     |
| 1363785   | 0.07  | 0.2   | 0.1    | 1.8    | 0.2    | 0.07  | 8      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1360090   | 0.1   | 0.2   | 1      | 8.5    | 1      | 0.21  | 5      | 7.8    | 3.1    | 1DX15    | DAW12000288 | Dark Brown      | Dry      |
| 1360091   | 0.12  | 0.05  | 0.31   | 5.8    | 0.5    | 0.06  | 5      | 2.3    | 0.6    | 1DX15    | DAW12000288 | Dark Brown      | Dry      |
| 1360092   | 0.12  | 0.05  | 0.21   | 5.5    | 0.5    | 0.025 | 6      | 1.5    | 0.3    | 1DX15    | DAW12000288 | Dark Brown      | Dry      |
| 1360093   | 0.09  | 0.2   | 0.11   | 4.6    | 0.5    | 0.09  | 6      | 2.9    | 0.4    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360094   | 0.07  | 0.2   | 0.11   | 4.5    | 0.3    | 0.07  | 4      | 3.9    | 0.2    | 1DX15    | DAW12000288 | Dark Brown      | Dry      |
| 1360095   | 0.11  | 0.05  | 0.03   | 2.3    | 0.3    | 0.025 | 6      | 0.5    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Dry      |
| 1360096   | 0.11  | 0.2   | 0.03   | 3      | 0.3    | 0.025 | 6      | 0.7    | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1360097   | 0.07  | 0.3   | 0.05   | 5.6    | 0.3    | 0.06  | 7      | 1      | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1360098   | 0.09  | 0.2   | 0.22   | 5.2    | 0.3    | 0.12  | 9      | 2      | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360099   | 0.11  | 0.1   | 0.1    | 6.7    | 0.3    | 0.025 | 4      | 0.7    | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1360102   | 0.12  | 0.05  | 0.07   | 5.8    | 0.3    | 0.1   | 5      | 0.8    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Dry      |
| 1360103   | 0.07  | 0.05  | 0.09   | 2.7    | 0.2    | 0.13  | 4      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Dry      |
| 1360104   | 0.09  | 0.1   | 0.03   | 2.5    | 0.2    | 0.025 | 5      | 0.8    | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Dry      |
| 1360105   | 0.07  | 0.2   | 0.02   | 2.6    | 0.2    | 0.025 | 6      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Dry      |
| 1360106   | 0.11  | 0.05  | 0.05   | 6.4    | 0.3    | 0.025 | 5      | 0.25   | 0.3    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360106   | 0.11  | 0.1   | 0.07   | 7.2    | 0.3    | 0.025 | 5      | 0.25   | 0.4    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360107   | 0.11  | 0.1   | 0.04   | 5.6    | 0.3    | 0.12  | 5      | 0.25   | 0.3    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360108   | 0.11  | 0.2   | 0.2    | 6.8    | 0.3    | 0.025 | 6      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1360109   | 0.11  | 0.2   | 0.31   | 4.5    | 0.3    | 0.025 | 8      | 0.5    | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Dry      |
| 1360110   | 0.11  | 0.3   | 0.05   | 3.2    | 0.3    | 0.05  | 8      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1360111   | 0.11  | 0.2   | 0.07   | 3      | 0.2    | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360112   | 0.07  | 0.05  | 0.19   | 7      | 0.3    | 0.11  | 4      | 1.9    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Dry      |
| 1360113   | 0.14  | 0.05  | 0.41   | 9.9    | 0.5    | 0.09  | 5      | 0.25   | 0.3    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360114   | 0.13  | 0.05  | 0.15   | 6.4    | 0.4    | 0.025 | 3      | 1.5    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Dry      |
| 1360114   | 0.11  | 0.05  | 0.16   | 6.1    | 0.4    | 0.025 | 3      | 1.5    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Dry      |
| 1360115   | 0.16  | 0.05  | 0.2    | 7.7    | 0.4    | 0.1   | 4      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360116   | 0.1   | 0.1   | 0.04   | 5.1    | 0.3    | 0.025 | 3      | 0.6    | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1360117   | 0.08  | 0.1   | 0.05   | 4.9    | 0.4    | 0.025 | 4      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Dry      |
| 1360118   | 0.1   | 0.2   | 0.06   | 5.6    | 0.6    | 0.025 | 4      | 0.6    | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1360119   | 0.11  | 0.2   | 0.09   | 5      | 0.5    | 0.025 | 5      | 0.8    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360120   | 0.15  | 0.05  | 0.32   | 5.5    | 0.7    | 0.06  | 3      | 0.9    | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Dry      |
| 1360596   | 0.06  | 0.2   | 0.05   | 14.7   | 0.4    | 0.06  | 6      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1360597   | 0.09  | 0.05  | 0.11   | 14.4   | 0.6    | 0.025 | 9      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360597   | 0.09  | 0.2   | 0.1    | 15.1   | 0.7    | 0.025 | 10     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360599   | 0.22  | 0.1   | 0.04   | 21.5   | 1.2    | 0.025 | 13     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360600   | 0.06  | 0.05  | 0.08   | 22.5   | 0.4    | 0.08  | 9      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360603   | 0.35  | 0.05  | 0.03   | 13.8   | 1.9    | 0.025 | 18     | 0.6    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360604   | 1.09  | 0.05  | 0.005  | 24.7   | 2.9    | 0.025 | 15     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |

| sample_id | site_slope       | depth | horizon | site_veget    | ground_cov      | quality   | note1              | note2              |
|-----------|------------------|-------|---------|---------------|-----------------|-----------|--------------------|--------------------|
| 1363799   | Pronounced Slope | 80    | B       | No Tree Cover | Bare Soil       | Good      | Coarse             | Rocky              |
| 1363800   | Steep            | 10    | C       | No Tree Cover | Rock Cover      | Excellent | Dull Red Rust      | Outcrop Nearby     |
| 1363800   | Steep            | 10    | C       | No Tree Cover | Rock Cover      | Excellent | Dull Red Rust      | Outcrop Nearby     |
| 1363802   | Pronounced Slope | 40    | B       | No Tree Cover | Thin Moss Cover | Good      | Fine               | Rocky              |
| 1363803   | Pronounced Slope | 40    | B       | No Tree Cover | Reindeer Moss   | Good      | Fine               | Rocky Terrain      |
| 1363804   | Subtle Slope     | 50    | B       | Dwarf Birch   | Reindeer Moss   | Poor      | Rocky              | Talus              |
| 1363805   | Subtle Slope     | 80    | B       | Dwarf Birch   | Grass Cover     | Good      | Bright Orange Rust |                    |
| 1363785   | Pronounced Slope | 40    | B       | No Tree Cover | Thin Moss Cover | Good      | Coarse             | Rocky              |
| 1360090   | Steep            | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Coarse             | Rusty Rock Chip    |
| 1360091   | Steep            | 50    | C       | No Tree Cover | Rock Cover      | Excellent | Coarse             | Talus              |
| 1360092   | Pronounced Slope | 60    | C       | No Tree Cover | Rock Cover      | Excellent | Talus              | Rocky Sample       |
| 1360093   | Pronounced Slope | 50    | C       | No Tree Cover | Thin Moss Cover | Excellent | Coarse             | Rocky Sample       |
| 1360094   | Pronounced Slope | 30    | C       | No Tree Cover | Rock Cover      | Good      | Rocky              |                    |
| 1360095   | Pronounced Slope | 80    | C       | No Tree Cover | Thin Moss Cover | Excellent | Fine               | Rocky Terrain      |
| 1360096   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover      | Excellent | Coarse             | Rocky              |
| 1360097   | Pronounced Slope | 40    | C       | No Tree Cover | Grass Cover     | Excellent | Rocky Terrain      | Rocky              |
| 1360098   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover      | Excellent | Coarse             | Rocky Terrain      |
| 1360099   | Pronounced Slope | 50    | C       | No Tree Cover | Grass Cover     | Excellent | Coarse             | Bright Orange Rust |
| 1360102   | Pronounced Slope | 50    | C       | Willows       | Thin Moss Cover | Excellent | Rocky Terrain      | Bright Orange Rust |
| 1360103   | Pronounced Slope | 40    | C       | Willows       | Rock Cover      | Good      | Rocky Terrain      | Bright Orange Rust |
| 1360104   | Subtle Slope     | 50    | C       | Willows       | Grass Cover     | Excellent | Fine               | Rocky Terrain      |
| 1360105   | Flat             | 50    | C       | No Tree Cover | Grass Cover     | Good      | Rocky              |                    |
| 1360106   | Subtle Slope     | 40    | C       | No Tree Cover | Reindeer Moss   | Excellent | Coarse             | Rocky Terrain      |
| 1360106   | Subtle Slope     | 40    | C       | No Tree Cover | Reindeer Moss   | Excellent | Coarse             | Rocky Terrain      |
| 1360107   | Pronounced Slope | 60    | C       | Dwarf Birch   | Reindeer Moss   | Excellent | Coarse             | Bright Orange Rust |
| 1360108   | Pronounced Slope | 40    | C       | No Tree Cover | Thin Moss Cover | Excellent | Coarse             | Rocky Terrain      |
| 1360109   | Pronounced Slope | 30    | C       | No Tree Cover | Rock Cover      | Excellent | Bright Orange Rust | Rocky Terrain      |
| 1360110   | Steep            | 70    | C       | No Tree Cover | Grass Cover     | Excellent | Coarse             | Rocky Terrain      |
| 1360111   | Pronounced Slope | 70    | C       | No Tree Cover | Reindeer Moss   | Excellent | Rocky Terrain      | Rocky Sample       |
| 1360112   | Pronounced Slope | 60    | C       | No Tree Cover | Bare Soil       | Excellent | Fine               | Rocky              |
| 1360113   | Pronounced Slope | 80    | C       | No Tree Cover | Grass Cover     | Excellent | Coarse             | Rocky              |
| 1360114   | Pronounced Slope | 60    | C       | No Tree Cover | Rock Cover      | Excellent | Fine               | Talus              |
| 1360114   | Pronounced Slope | 60    | C       | No Tree Cover | Rock Cover      | Excellent | Fine               | Talus              |
| 1360115   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover      | Excellent | Fine               | Talus              |
| 1360116   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Fine               | Talus              |
| 1360117   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover      | Excellent | Fine               | Rocky              |
| 1360118   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover      | Excellent | Fine               | Talus              |
| 1360119   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Coarse             | Rocky Sample       |
| 1360120   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Good      | Talus              | Rocky Sample       |
| 1360596   | Pronounced Slope | 5     | C       | No Tree Cover | Rock Cover      | Excellent | Coarse             | Rusty Rock Chip    |
| 1360597   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover      | Excellent | Dull Red Rust      | Rusty Rock Chip    |
| 1360597   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover      | Excellent | Dull Red Rust      | Rusty Rock Chip    |
| 1360599   | Pronounced Slope | 50    | C       | No Tree Cover | Thin Moss Cover | Excellent | Quartz Chips       | Rusty Rock Chip    |
| 1360600   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip    | Coarse             |
| 1360603   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover      | Excellent | Coarse             | Rusty Rock Chip    |
| 1360604   | Pronounced Slope | 40    | C       | No Tree Cover | Thin Moss Cover | Excellent | Coarse             | Rusty Rock Chip    |

| sample_id | utm_zone   | utm_eastin | utm_northi | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|-----------|------------|------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1360604   | NAD 83 -Z8 | 566025     | 7140785    | 0.3    | 165.2  | 103.6  | 106    | 0.3    | 12.2   | 70.4   | 2051   | 10.86  | 9.5    | 0.1   |
| 1360605   | NAD 83 -Z8 | 566067     | 7140761    | 0.8    | 537.3  | 17.9   | 121    | 0.6    | 30.3   | 56.3   | 2869   | 9.75   | 12.2   | 0.4   |
| 1360606   | NAD 83 -Z8 | 566106     | 7140730    | 5.3    | 325.8  | 94.6   | 400    | 1      | 48.8   | 58.8   | 2964   | 11.05  | 38.9   | 2     |
| 1360607   | NAD 83 -Z8 | 566143     | 7140695    | 2.5    | 104.6  | 77.9   | 341    | 0.6    | 40.3   | 24.5   | 2409   | 4.55   | 28.1   | 2.2   |
| 1360608   | NAD 83 -Z8 | 566179     | 7140660    | 1.5    | 401.1  | 12.3   | 100    | 0.7    | 25.8   | 52.6   | 3493   | 9.4    | 26.8   | 0.8   |
| 1360609   | NAD 83 -Z8 | 566227     | 7140644    | 1.6    | 131    | 15.1   | 86     | 0.1    | 22.8   | 33.1   | 549    | 3.69   | 27     | 0.6   |
| 1360610   | NAD 83 -Z8 | 566275     | 7140631    | 1.7    | 310.1  | 23.8   | 219    | 0.1    | 79.9   | 88.8   | 1884   | 5.97   | 30.9   | 0.6   |
| 1360611   | NAD 83 -Z8 | 566315     | 7140601    | 0.2    | 895.4  | 12.1   | 106    | 1.4    | 23     | 60.8   | 5348   | 12.68  | 17.9   | 0.2   |
| 1360614   | NAD 83 -Z8 | 566356     | 7140572    | 1.3    | 585.3  | 24.6   | 129    | 0.5    | 22.3   | 29.2   | 871    | 4.33   | 12.6   | 0.6   |
| 1360615   | NAD 83 -Z8 | 566390     | 7140535    | 1.3    | 877.1  | 18.8   | 112    | 0.2    | 33.3   | 31.2   | 989    | 5.01   | 14.5   | 0.6   |
| 1360616   | NAD 83 -Z8 | 566438     | 7140521    | 1      | 281.7  | 16     | 107    | 0.2    | 31.1   | 23.3   | 905    | 4.45   | 11.6   | 0.6   |
| 1360617   | NAD 83 -Z8 | 566484     | 7140500    | 0.9    | 355.3  | 23.9   | 134    | 0.05   | 36     | 31.5   | 666    | 3.67   | 11.8   | 0.5   |
| 1360618   | NAD 83 -Z8 | 566526     | 7140475    | 1.3    | 172.3  | 56.6   | 218    | 0.05   | 40.9   | 26.7   | 533    | 3.29   | 13.7   | 0.6   |
| 1360623   | NAD 83 -Z8 | 566571     | 7140450    | 1.3    | 428.1  | 39     | 405    | 0.6    | 41.9   | 48.7   | 4110   | 5.9    | 11.6   | 0.5   |
| 1360626   | NAD 83 -Z8 | 566607     | 7140416    | 1.2    | 351.8  | 30.5   | 205    | 0.2    | 38.6   | 42.5   | 1637   | 5.12   | 17.5   | 0.5   |
| 1360627   | NAD 83 -Z8 | 566650     | 7140392    | 1.5    | 342.7  | 56.3   | 319    | 0.4    | 41.4   | 32.4   | 1075   | 4.31   | 32.7   | 0.9   |
| 1360628   | NAD 83 -Z8 | 566692     | 7140366    | 1.8    | 330.5  | 80.8   | 324    | 0.6    | 46.7   | 30.8   | 1018   | 4.48   | 34     | 1.4   |
| 1360629   | NAD 83 -Z8 | 566736     | 7140339    | 1.6    | 143.6  | 135.4  | 335    | 0.3    | 41.5   | 26.6   | 844    | 4.58   | 19.6   | 0.9   |
| 1360630   | NAD 83 -Z8 | 566752     | 7140328    | 0.8    | 170.6  | 63.6   | 205    | 0.3    | 65.8   | 54.4   | 3642   | 12.64  | 40.1   | 0.4   |
| 1360631   | NAD 83 -Z8 | 566779     | 7140313    | 1.3    | 121.6  | 115.6  | 329    | 0.2    | 45.3   | 29     | 1085   | 5.03   | 16.9   | 0.7   |
| 1360632   | NAD 83 -Z8 | 566819     | 7140283    | 1.7    | 133.2  | 133.5  | 498    | 0.3    | 34     | 28.7   | 1063   | 4.52   | 16.4   | 0.8   |
| 1360633   | NAD 83 -Z8 | 566862     | 7140255    | 1.6    | 108.1  | 220.8  | 627    | 0.3    | 35.6   | 24.3   | 803    | 4.65   | 18.6   | 0.6   |
| 1360634   | NAD 83 -Z8 | 566906     | 7140231    | 1.6    | 94.6   | 154.3  | 814    | 0.3    | 40.1   | 33.7   | 1830   | 5.84   | 40.4   | 1     |
| 1363809   | NAD 83 -Z8 | 565210     | 7139436    | 21.8   | 180.4  | 131.1  | 521    | 2.6    | 68.9   | 14.7   | 530    | 5.79   | 64     | 4.9   |
| 1363810   | NAD 83 -Z8 | 565247     | 7139403    | 30.2   | 265.3  | 239.7  | 1367   | 1      | 146.2  | 29.6   | 1164   | 5.91   | 86.4   | 6.4   |
| 1363811   | NAD 83 -Z8 | 565282     | 7139367    | 72     | 488    | 2788.5 | 1120   | 6.2    | 100.8  | 18.6   | 388    | 17.04  | 364.3  | 8.4   |
| 1363812   | NAD 83 -Z8 | 565328     | 7139344    | 46.5   | 285.7  | 383.9  | 1849   | 1.6    | 174.9  | 54.7   | 1199   | 8.36   | 215.2  | 7.6   |
| 1363813   | NAD 83 -Z8 | 565371     | 7139319    | 10.2   | 59.8   | 387.1  | 996    | 0.5    | 64.9   | 15.6   | 1584   | 7.77   | 33.7   | 1.7   |
| 1363814   | NAD 83 -Z8 | 565412     | 7139289    | 19.4   | 418.5  | 460    | 10000  | 3.9    | 137    | 26.7   | 10000  | 20.06  | 162.3  | 2.1   |
| 1363807   | NAD 83 -Z8 | 565457     | 7139267    | 13.9   | 337    | 265.7  | 2753   | 2      | 126.2  | 298.4  | 10000  | 26.27  | 692.5  | 1.6   |
| 1363808   | NAD 83 -Z8 | 565544     | 7139216    | 19.5   | 350.4  | 109.6  | 348    | 0.6    | 66.6   | 17.6   | 368    | 3.11   | 48.3   | 3.9   |
| 1363808   | NAD 83 -Z8 | 565544     | 7139216    | 19.3   | 347.9  | 110    | 345    | 0.6    | 68.7   | 17.9   | 362    | 3.18   | 48.7   | 4     |
| 1363806   | NAD 83 -Z8 | 565541     | 7139166    | 42.2   | 461.9  | 94.5   | 382    | 2.4    | 98.8   | 24.9   | 613    | 4.27   | 63.8   | 7.2   |
| 1363826   | NAD 83 -Z8 | 565554     | 7139118    | 2.9    | 115.4  | 341.1  | 1235   | 0.2    | 60.3   | 25.7   | 630    | 3.33   | 19     | 1     |
| 1363827   | NAD 83 -Z8 | 565569     | 7139085    | 1.5    | 67.1   | 98.5   | 1552   | 0.3    | 79.7   | 41.3   | 1184   | 5.89   | 30.2   | 0.7   |
| 1363828   | NAD 83 -Z8 | 565571     | 7139071    | 1.6    | 119.8  | 142.1  | 718    | 0.1    | 32.5   | 17     | 539    | 3.31   | 10.2   | 0.9   |
| 1363829   | NAD 83 -Z8 | 565562     | 7139022    | 1.6    | 90.9   | 105.5  | 524    | 0.4    | 48     | 35.1   | 1642   | 6.46   | 11.9   | 0.7   |
| 1363830   | NAD 83 -Z8 | 565582     | 7138976    | 1.8    | 45.6   | 113.7  | 239    | 0.05   | 34.7   | 14.2   | 564    | 3.18   | 12.7   | 0.8   |
| 1363831   | NAD 83 -Z8 | 565602     | 7138930    | 1      | 67     | 90     | 192    | 0.1    | 32.7   | 21.8   | 839    | 4.36   | 8.3    | 0.6   |
| 1363832   | NAD 83 -Z8 | 565634     | 7138892    | 1.4    | 140.2  | 195.1  | 366    | 0.2    | 55.9   | 27.8   | 735    | 4.28   | 8.6    | 1.2   |
| 1363833   | NAD 83 -Z8 | 565699     | 7138817    | 2.7    | 366.7  | 38.2   | 231    | 0.2    | 71.3   | 25.3   | 551    | 4.01   | 15     | 1     |
| 1363834   | NAD 83 -Z8 | 565721     | 7138772    | 2.7    | 40     | 159.2  | 298    | 0.05   | 44.8   | 17.3   | 453    | 3.72   | 14     | 0.7   |
| 1363835   | NAD 83 -Z8 | 565720     | 7138726    | 3.2    | 120.8  | 167.9  | 1940   | 0.3    | 74.4   | 115.6  | 3645   | 5      | 81.4   | 0.8   |
| 1363836   | NAD 83 -Z8 | 565733     | 7138677    | 3.5    | 26.1   | 85.3   | 738    | 0.2    | 60.1   | 23     | 2815   | 3.34   | 15.8   | 1.5   |
| 1363837   | NAD 83 -Z8 | 565745     | 7138628    | 20.4   | 20.4   | 36.7   | 284    | 0.2    | 58.3   | 22.2   | 3017   | 3.2    | 12.6   | 1.1   |
| 1363837   | NAD 83 -Z8 | 565745     | 7138628    | 20.8   | 23.3   | 36.9   | 292    | 0.2    | 59     | 21.9   | 3081   | 3.18   | 13     | 1     |

| sample_id | au_ppb | th_ppm | 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 |
|-----------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1360604   | 4.9    | 0.7    | 9      | 0.1    | 1.5    | 0.05   | 275   | 0.73   | 0.041 | 8      | 1      | 2.45   | 35     | 0.078  | 3     | 3.02   | 0.007  |
| 1360605   | 9      | 1.7    | 9      | 0.3    | 1.3    | 0.05   | 394   | 0.42   | 0.049 | 10     | 11     | 1.86   | 134    | 0.069  | 2     | 2.78   | 0.006  |
| 1360606   | 10.6   | 4.2    | 9      | 1.2    | 3.3    | 0.1    | 203   | 0.76   | 0.096 | 11     | 13     | 1.12   | 141    | 0.026  | 2     | 1.73   | 0.006  |
| 1360607   | 6.5    | 6.2    | 12     | 1.3    | 3.8    | 0.3    | 92    | 0.25   | 0.061 | 25     | 36     | 2.33   | 116    | 0.049  | 2     | 2.37   | 0.007  |
| 1360608   | 4.2    | 2.9    | 11     | 0.3    | 2.9    | 0.2    | 187   | 0.3    | 0.036 | 16     | 14     | 1.43   | 152    | 0.079  | 2     | 2.69   | 0.006  |
| 1360609   | 43.8   | 1.3    | 9      | 0.3    | 1.5    | 0.3    | 77    | 0.13   | 0.069 | 10     | 24     | 0.43   | 69     | 0.049  | 9     | 1.58   | 0.006  |
| 1360610   | 10.2   | 1.1    | 8      | 0.6    | 2      | 0.2    | 99    | 0.21   | 0.089 | 9      | 19     | 0.9    | 131    | 0.026  | 2     | 2.17   | 0.005  |
| 1360611   | 3      | 0.7    | 10     | 0.3    | 2.4    | 0.05   | 498   | 0.33   | 0.024 | 4      | 3      | 2.57   | 51     | 0.125  | 4     | 3.6    | 0.005  |
| 1360614   | 6.5    | 1      | 10     | 0.4    | 1.6    | 0.6    | 146   | 0.17   | 0.083 | 9      | 22     | 0.59   | 100    | 0.046  | 2     | 1.79   | 0.007  |
| 1360615   | 8.1    | 2      | 9      | 0.4    | 1.3    | 0.2    | 139   | 0.15   | 0.046 | 10     | 26     | 0.77   | 96     | 0.036  | 3     | 1.95   | 0.005  |
| 1360616   | 8.9    | 1.7    | 10     | 0.2    | 1.4    | 0.1    | 156   | 0.18   | 0.047 | 10     | 24     | 0.77   | 138    | 0.044  | 0.5   | 1.98   | 0.006  |
| 1360617   | 12.3   | 2.2    | 9      | 0.3    | 1.6    | 0.2    | 112   | 0.14   | 0.028 | 9      | 22     | 0.73   | 70     | 0.065  | 3     | 1.68   | 0.005  |
| 1360618   | 15.5   | 2.9    | 10     | 0.4    | 1.8    | 0.1    | 87    | 0.17   | 0.04  | 9      | 21     | 0.65   | 70     | 0.056  | 2     | 1.74   | 0.006  |
| 1360623   | 9.5    | 1.1    | 13     | 1.9    | 1.9    | 0.2    | 214   | 0.64   | 0.085 | 11     | 19     | 1.2    | 163    | 0.035  | 4     | 2.7    | 0.008  |
| 1360626   | 4.7    | 1.5    | 10     | 0.5    | 2.2    | 0.3    | 170   | 0.22   | 0.065 | 9      | 18     | 0.86   | 86     | 0.068  | 3     | 1.98   | 0.007  |
| 1360627   | 8.2    | 1.4    | 10     | 1.1    | 1.5    | 0.2    | 133   | 0.38   | 0.062 | 10     | 23     | 0.94   | 80     | 0.041  | 3     | 2.06   | 0.008  |
| 1360628   | 7.3    | 2      | 11     | 1.4    | 2      | 0.4    | 136   | 0.41   | 0.056 | 12     | 35     | 1.27   | 83     | 0.053  | 5     | 2.27   | 0.011  |
| 1360629   | 5.5    | 1.6    | 12     | 0.9    | 1.9    | 0.4    | 146   | 0.38   | 0.045 | 8      | 38     | 1.3    | 87     | 0.085  | 5     | 2.4    | 0.008  |
| 1360630   | 4.5    | 1.1    | 7      | 0.6    | 1.4    | 0.2    | 132   | 0.39   | 0.042 | 7      | 17     | 0.84   | 135    | 0.009  | 6     | 1.49   | 0.004  |
| 1360631   | 4.2    | 1.7    | 9      | 0.6    | 1.3    | 0.2    | 130   | 0.36   | 0.045 | 7      | 30     | 1.22   | 75     | 0.035  | 3     | 2.08   | 0.006  |
| 1360632   | 1.8    | 1.4    | 10     | 2.4    | 1.2    | 0.3    | 118   | 0.29   | 0.053 | 10     | 32     | 0.93   | 118    | 0.04   | 2     | 2.06   | 0.007  |
| 1360633   | 1.1    | 2.3    | 10     | 1.5    | 1.6    | 0.3    | 104   | 0.25   | 0.033 | 10     | 34     | 0.78   | 97     | 0.06   | 3     | 1.8    | 0.005  |
| 1360634   | 1.9    | 2.5    | 10     | 2.3    | 2      | 0.4    | 105   | 0.4    | 0.062 | 11     | 36     | 0.7    | 155    | 0.008  | 3     | 2.11   | 0.004  |
| 1363809   | 26.8   | 5.7    | 15     | 1      | 3.8    | 1.3    | 115   | 0.13   | 0.296 | 51     | 39     | 0.73   | 76     | 0.031  | 1     | 1.95   | 0.017  |
| 1363810   | 6.6    | 6.8    | 16     | 2.8    | 7.5    | 1.4    | 58    | 0.2    | 0.196 | 68     | 23     | 0.47   | 174    | 0.037  | 0.5   | 1.32   | 0.008  |
| 1363811   | 29.7   | 23.3   | 26     | 2.3    | 13.8   | 4.3    | 91    | 0.06   | 0.338 | 31     | 31     | 0.72   | 96     | 0.047  | 2     | 1.8    | 0.018  |
| 1363812   | 4.3    | 12.4   | 15     | 3.9    | 7.9    | 2.4    | 108   | 0.11   | 0.313 | 82     | 31     | 0.71   | 100    | 0.025  | 2     | 1.82   | 0.008  |
| 1363813   | 1.1    | 1.9    | 12     | 2.9    | 1.8    | 0.8    | 85    | 0.2    | 0.119 | 27     | 27     | 0.47   | 316    | 0.022  | 1     | 1.5    | 0.005  |
| 1363814   | 2.6    | 5.3    | 8      | 54.2   | 13.6   | 2.6    | 71    | 0.18   | 0.104 | 37     | 20     | 0.48   | 348    | 0.014  | 1     | 1.21   | 0.003  |
| 1363807   | 5.9    | 3.2    | 12     | 13.1   | 7.4    | 184.5  | 44    | 0.74   | 0.072 | 21     | 13     | 0.59   | 498    | 0.013  | 1     | 0.85   | 0.003  |
| 1363808   | 19.2   | 4.1    | 15     | 0.9    | 1.9    | 0.3    | 79    | 0.21   | 0.122 | 26     | 30     | 0.65   | 88     | 0.048  | 1     | 1.68   | 0.006  |
| 1363808   | 3.3    | 4      | 15     | 0.8    | 1.9    | 0.5    | 78    | 0.22   | 0.125 | 25     | 28     | 0.67   | 88     | 0.047  | 2     | 1.77   | 0.006  |
| 1363806   | 8.8    | 3.8    | 14     | 0.6    | 2.1    | 2.3    | 117   | 0.22   | 0.155 | 24     | 36     | 0.86   | 96     | 0.046  | 2     | 2.14   | 0.005  |
| 1363826   | 12.2   | 3.9    | 21     | 1.8    | 1.5    | 0.3    | 91    | 0.36   | 0.112 | 15     | 36     | 1.17   | 132    | 0.05   | 2     | 2.15   | 0.007  |
| 1363827   | 1.4    | 2.2    | 13     | 13.6   | 2.3    | 0.9    | 109   | 2.48   | 0.067 | 10     | 22     | 0.79   | 99     | 0.011  | 2     | 1.14   | 0.006  |
| 1363828   | 0.6    | 2.7    | 17     | 1.9    | 1.2    | 0.2    | 81    | 0.3    | 0.107 | 14     | 29     | 0.84   | 121    | 0.061  | 2     | 1.79   | 0.008  |
| 1363829   | 0.25   | 3.5    | 16     | 2.8    | 1.2    | 0.3    | 179   | 0.39   | 0.099 | 16     | 29     | 2.23   | 144    | 0.057  | 4     | 3.04   | 0.008  |
| 1363830   | 1.1    | 1.9    | 12     | 1      | 1.3    | 0.3    | 64    | 0.15   | 0.067 | 13     | 30     | 0.67   | 106    | 0.034  | 1     | 1.77   | 0.006  |
| 1363831   | 2.5    | 1.5    | 11     | 0.4    | 1.4    | 0.3    | 133   | 0.2    | 0.065 | 11     | 26     | 0.86   | 98     | 0.067  | 3     | 1.96   | 0.005  |
| 1363832   | 1.6    | 2.8    | 15     | 0.6    | 1.3    | 0.05   | 123   | 0.32   | 0.096 | 13     | 29     | 1.04   | 98     | 0.087  | 5     | 1.9    | 0.006  |
| 1363833   | 7.2    | 3.6    | 14     | 0.5    | 1.2    | 0.05   | 108   | 0.25   | 0.081 | 15     | 36     | 1.14   | 121    | 0.06   | 1     | 2      | 0.006  |
| 1363834   | 1.5    | 2.5    | 12     | 0.8    | 1.5    | 0.2    | 96    | 0.21   | 0.054 | 12     | 33     | 1.03   | 90     | 0.053  | 1     | 1.84   | 0.005  |
| 1363835   | 6.6    | 2      | 12     | 10.5   | 2.4    | 0.2    | 128   | 0.3    | 0.095 | 16     | 42     | 1.44   | 142    | 0.027  | 1     | 2.58   | 0.006  |
| 1363836   | 0.25   | 3.5    | 17     | 3.7    | 1.9    | 0.9    | 474   | 1.04   | 0.237 | 55     | 68     | 1.23   | 204    | 0.02   | 3     | 2.09   | 0.004  |
| 1363837   | 3      | 1.4    | 10     | 3.4    | 1.6    | 0.3    | 94    | 0.56   | 0.226 | 12     | 24     | 0.55   | 168    | 0.012  | 0.5   | 1.29   | 0.003  |
| 1363837   | 3.6    | 1.4    | 11     | 3.1    | 1.6    | 0.3    | 99    | 0.56   | 0.243 | 13     | 24     | 0.58   | 173    | 0.013  | 2     | 1.33   | 0.004  |

| sample_id | k_pct | w_ppm | hg_ppm | sc_ppm | tl_ppm | s_pct | ga_ppm | se_ppm | te_ppm | analysis | job_number  | colour          | moisture |
|-----------|-------|-------|--------|--------|--------|-------|--------|--------|--------|----------|-------------|-----------------|----------|
| 1360604   | 1.03  | 0.05  | 0.02   | 26.5   | 3      | 0.025 | 15     | 0.6    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1360605   | 0.22  | 0.05  | 0.04   | 26     | 0.7    | 0.05  | 13     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1360606   | 0.26  | 0.1   | 0.04   | 23.8   | 0.9    | 0.025 | 8      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360607   | 0.08  | 0.2   | 0.05   | 9.5    | 0.3    | 0.025 | 8      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360608   | 0.45  | 0.05  | 0.02   | 32.6   | 1.8    | 0.025 | 11     | 0.8    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360609   | 0.04  | 0.2   | 0.05   | 3.1    | 0.1    | 0.08  | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Wet      |
| 1360610   | 0.05  | 0.05  | 0.03   | 8.1    | 0.2    | 0.09  | 10     | 0.6    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360611   | 1.09  | 0.05  | 0.03   | 37.5   | 4.8    | 0.025 | 18     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360614   | 0.05  | 0.1   | 0.06   | 3.6    | 0.2    | 0.06  | 7      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360615   | 0.05  | 0.1   | 0.03   | 5.9    | 0.3    | 0.025 | 7      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360616   | 0.04  | 0.1   | 0.04   | 5.4    | 0.2    | 0.07  | 7      | 0.25   | 0.2    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360617   | 0.03  | 0.1   | 0.01   | 3.2    | 0.1    | 0.025 | 6      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360618   | 0.03  | 0.2   | 0.03   | 3.5    | 0.1    | 0.025 | 5      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360623   | 0.04  | 0.05  | 0.06   | 10.3   | 0.3    | 0.1   | 10     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360626   | 0.04  | 0.05  | 0.02   | 5.1    | 0.2    | 0.05  | 7      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360627   | 0.04  | 0.05  | 0.05   | 5.2    | 0.2    | 0.11  | 7      | 0.9    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360628   | 0.05  | 0.2   | 0.05   | 7.3    | 0.2    | 0.025 | 8      | 0.9    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1360629   | 0.05  | 0.1   | 0.04   | 6.3    | 0.1    | 0.025 | 8      | 0.5    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360630   | 0.07  | 0.05  | 0.07   | 41.4   | 0.2    | 0.06  | 4      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1360631   | 0.05  | 0.05  | 0.02   | 8.5    | 0.1    | 0.07  | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Wet      |
| 1360632   | 0.05  | 0.1   | 0.05   | 5.4    | 0.2    | 0.025 | 8      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360633   | 0.05  | 0.2   | 0.03   | 4.4    | 0.1    | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Wet      |
| 1360634   | 0.05  | 0.1   | 0.04   | 11.8   | 0.2    | 0.025 | 6      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363809   | 0.1   | 0.3   | 0.33   | 5.2    | 0.3    | 0.22  | 6      | 5      | 0.5    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363810   | 0.09  | 0.3   | 0.17   | 4.4    | 0.3    | 0.14  | 4      | 6      | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363811   | 0.16  | 0.6   | 0.87   | 9.5    | 0.4    | 0.46  | 7      | 11.6   | 0.7    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1363812   | 0.1   | 0.4   | 0.24   | 12.6   | 0.4    | 0.12  | 7      | 7.2    | 0.6    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363813   | 0.06  | 0.2   | 0.15   | 3.8    | 0.3    | 0.14  | 5      | 0.5    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363814   | 0.05  | 0.2   | 0.98   | 52.2   | 0.3    | 0.025 | 4      | 1.8    | 0.2    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1363807   | 0.03  | 0.2   | 0.16   | 31.7   | 0.2    | 0.025 | 4      | 4.7    | 0.3    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1363808   | 0.05  | 0.2   | 0.06   | 5.7    | 0.2    | 0.025 | 5      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363808   | 0.05  | 0.2   | 0.05   | 5.5    | 0.2    | 0.025 | 5      | 1.5    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363806   | 0.06  | 0.3   | 0.12   | 6      | 0.3    | 0.1   | 8      | 5.1    | 0.3    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363826   | 0.06  | 0.2   | 0.09   | 6.6    | 0.2    | 0.025 | 6      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363827   | 0.07  | 0.05  | 0.05   | 27.8   | 0.4    | 0.025 | 4      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1363828   | 0.05  | 0.1   | 0.04   | 5.8    | 0.1    | 0.025 | 6      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |
| 1363829   | 0.05  | 0.2   | 0.05   | 26.5   | 0.1    | 0.025 | 9      | 0.25   | 0.2    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363830   | 0.06  | 0.2   | 0.05   | 3.5    | 0.2    | 0.025 | 5      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363831   | 0.05  | 0.1   | 0.02   | 6.2    | 0.2    | 0.06  | 8      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363832   | 0.04  | 0.2   | 0.08   | 9.3    | 0.2    | 0.07  | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363833   | 0.05  | 0.2   | 0.04   | 6.2    | 0.2    | 0.07  | 6      | 0.25   | 0.3    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363834   | 0.05  | 0.2   | 0.02   | 5.1    | 0.05   | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363835   | 0.05  | 0.05  | 0.16   | 17.3   | 0.2    | 0.15  | 8      | 0.25   | 0.2    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363836   | 0.07  | 0.05  | 0.13   | 13     | 0.4    | 0.15  | 9      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363837   | 0.05  | 0.1   | 0.07   | 3.1    | 0.2    | 0.1   | 8      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363837   | 0.05  | 0.1   | 0.08   | 3      | 0.1    | 0.16  | 8      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |

| sample_id | site_slope       | depth | horizon | site_veget    | ground_cov           | quality   | note1           | note2              |
|-----------|------------------|-------|---------|---------------|----------------------|-----------|-----------------|--------------------|
| 1360604   | Pronounced Slope | 40    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Coarse          | Rusty Rock Chip    |
| 1360605   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover           | Excellent | Rusty Rock Chip | Bright Orange Rust |
| 1360606   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover           | Excellent | Coarse          | Rusty Rock Chip    |
| 1360607   | Pronounced Slope | 60    | C       | No Tree Cover | Rock Cover           | Excellent | Rusty Rock Chip | Coarse             |
| 1360608   | Pronounced Slope | 40    | B       | No Tree Cover | Thin Moss Cover      | Good      | Sandy           | Rusty Rock Chip    |
| 1360609   | Pronounced Slope | 20    | C       | No Tree Cover | Rock Cover           | Good      | Rusty Rock Chip | Quartz Chips       |
| 1360610   | Pronounced Slope | 30    | B       | No Tree Cover | Thin Moss Cover      | Good      | Quartz Chips    | Rocky Terrain      |
| 1360611   | Pronounced Slope | 60    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Coarse          | Rusty Rock Chip    |
| 1360614   | Pronounced Slope | 5     | B       | No Tree Cover | Rock Cover           | Good      | Top Layer       | Rusty Rock Chip    |
| 1360615   | Pronounced Slope | 40    | B       | No Tree Cover | Rock Cover           | Good      | Talus           | Rusty Rock Chip    |
| 1360616   | Pronounced Slope | 40    | B       | Willows       | Rock Cover           | Good      | Rusty Rock Chip | Sandy              |
| 1360617   | Pronounced Slope | 40    | B       | No Tree Cover | Rock Cover           | Good      | Sandy           | Rusty Rock Chip    |
| 1360618   | Pronounced Slope | 50    | B       | No Tree Cover | Rock Cover           | Good      | Dull Red Rust   | Quartz Chips       |
| 1360623   | Pronounced Slope | 60    | B       | No Tree Cover | Rock Cover           | Good      | Rusty Rock Chip | Sandy              |
| 1360626   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover           | Excellent | Rusty Rock Chip | Rocky Sample       |
| 1360627   | Pronounced Slope | 70    | C       | Dwarf Birch   | Rock Cover           | Excellent | Quartz Chips    | Rusty Rock Chip    |
| 1360628   | Pronounced Slope | 70    | C       | Dwarf Birch   | Thin Moss Cover      | Excellent | Rusty Rock Chip | Quartz Chips       |
| 1360629   | Pronounced Slope | 60    | B       | Willows       | Thin Moss Cover      | Good      | Rusty Rock Chip | Quartz Chips       |
| 1360630   | Pronounced Slope | 50    | C       | Dwarf Birch   | Thin Moss Cover      | Excellent | Rusty Rock Chip | Quartz Chips       |
| 1360631   | Pronounced Slope | 60    | C       | Dwarf Birch   | Thin Moss Cover      | Good      | Quartz Chips    | Rusty Rock Chip    |
| 1360632   | Pronounced Slope | 60    | B       | Subalpine Fir | Rock Cover           | Good      | Quartz Chips    | Rusty Rock Chip    |
| 1360633   | Pronounced Slope | 50    | B       | Alders        | Thin Moss Cover      | Good      | Rusty Rock Chip | Quartz Chips       |
| 1360634   | Pronounced Slope | 60    | B       | Alders        | Sphagnum Moss < 30cm | Good      | Rusty Rock Chip | Quartz Chips       |
| 1363809   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover           | Excellent | Fine            | Sandy              |
| 1363810   | Pronounced Slope | 30    | C       | No Tree Cover | Rock Cover           | Good      | Coarse          | Rocky Terrain      |
| 1363811   | Pronounced Slope | 20    | C       | No Tree Cover | Rock Cover           | Excellent | Coarse          | Rusty Rock Chip    |
| 1363812   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover           | Excellent | Fine            | Rusty Rock Chip    |
| 1363813   | Pronounced Slope | 40    | B       | No Tree Cover | Rock Cover           | Good      | Rocky           | Bright Orange Rust |
| 1363814   | Pronounced Slope | 30    | B       | No Tree Cover | Thin Moss Cover      | Good      | Coarse          | Sandy              |
| 1363807   | Pronounced Slope | 30    | B       | No Tree Cover | Rock Cover           | Good      | Rocky           | Rusty Rock Chip    |
| 1363808   | Steep            | 5     | B       | No Tree Cover | Rock Cover           | Good      | Coarse          | Rocky Terrain      |
| 1363808   | Steep            | 5     | B       | No Tree Cover | Rock Cover           | Good      | Coarse          | Rocky Terrain      |
| 1363806   | Steep            | 20    | B       | No Tree Cover | Thin Moss Cover      | Good      | Coarse          | Rocky Terrain      |
| 1363826   | Steep            | 40    | B       | No Tree Cover | Thin Moss Cover      | Good      | Coarse          | Rocky Terrain      |
| 1363827   | Steep            | 40    | B       | No Tree Cover | Bare Soil            | Good      | Coarse          | Dull Red Rust      |
| 1363828   | Steep            | 20    | B       | No Tree Cover | Rock Cover           | Poor      | Rocky           | Rocky Terrain      |
| 1363829   | Steep            | 30    | C       | No Tree Cover | Thin Moss Cover      | Good      | Fine            | Sandy              |
| 1363830   | Steep            | 30    | B       | No Tree Cover | Thin Moss Cover      | Good      | Coarse          | Rocky Terrain      |
| 1363831   | Steep            | 40    | B       | No Tree Cover | Thin Moss Cover      | Good      | Coarse          | Rocky Terrain      |
| 1363832   | Steep            | 30    | B       | No Tree Cover | Rock Cover           | Good      | Coarse          | Talus              |
| 1363833   | Pronounced Slope | 40    | B       | No Tree Cover | Thin Moss Cover      | Good      | Coarse          | Rocky Terrain      |
| 1363834   | Pronounced Slope | 30    | B       | No Tree Cover | Thin Moss Cover      | Good      | Coarse          | Rocky Terrain      |
| 1363835   | Pronounced Slope | 40    | B       | No Tree Cover | Rock Cover           | Good      | Coarse          | Sandy              |
| 1363836   | Pronounced Slope | 40    | B       | No Tree Cover | Thin Moss Cover      | Good      | Coarse          | Rocky              |
| 1363837   | Subtle Slope     | 30    | B       | No Tree Cover | Thin Moss Cover      | Poor      | Fine            | Rocky Sample       |
| 1363837   | Subtle Slope     | 30    | B       | No Tree Cover | Thin Moss Cover      | Poor      | Fine            | Rocky Sample       |

| sample_id | utm_zone   | utm_eastin | utm_northi | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|-----------|------------|------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1363838   | NAD 83 -Z8 | 565752     | 7138579    | 2      | 278.6  | 546.7  | 619    | 1.5    | 75.8   | 52.2   | 1797   | 5.08   | 23     | 0.9   |
| 1363839   | NAD 83 -Z8 | 565764     | 7138529    | 3.2    | 24.4   | 44.9   | 197    | 0.05   | 26.1   | 13.4   | 1260   | 3.2    | 11     | 0.7   |
| 1363840   | NAD 83 -Z8 | 565773     | 7138479    | 15.7   | 36.9   | 52.2   | 797    | 0.2    | 94.4   | 23.8   | 919    | 4.13   | 44.6   | 1.9   |
| 1363841   | NAD 83 -Z8 | 565783     | 7138429    | 7.3    | 49.1   | 34.4   | 1359   | 0.2    | 46.3   | 26.6   | 1554   | 3.56   | 21.4   | 1.1   |
| 1363842   | NAD 83 -Z8 | 565791     | 7138380    | 15     | 250.2  | 63.4   | 884    | 0.9    | 89.6   | 26     | 327    | 8.7    | 77.7   | 2.1   |
| 1363853   | NAD 83 -Z8 | 565784     | 7138330    | 19.7   | 119.5  | 38.1   | 196    | 1      | 46.1   | 6.4    | 225    | 4.13   | 18.6   | 3.3   |
| 1363854   | NAD 83 -Z8 | 565783     | 7138280    | 3.7    | 29.7   | 38.8   | 105    | 0.1    | 23.1   | 9.4    | 403    | 3.37   | 19.3   | 0.7   |
| 1363855   | NAD 83 -Z8 | 565762     | 7138233    | 1.8    | 181.6  | 3675.5 | 1209   | 2.4    | 64.3   | 93.3   | 2136   | 3.5    | 50.2   | 0.6   |
| 1363856   | NAD 83 -Z8 | 565785     | 7138188    | 1.6    | 176    | 1071.7 | 883    | 1.4    | 94.3   | 63.2   | 1722   | 4.26   | 66.6   | 0.9   |
| 1363857   | NAD 83 -Z8 | 565793     | 7138138    | 1.2    | 141.1  | 331.4  | 653    | 0.4    | 38.1   | 16.9   | 1217   | 4.63   | 21.5   | 0.7   |
| 1363858   | NAD 83 -Z8 | 565801     | 7138089    | 4.3    | 51.6   | 75.5   | 390    | 0.3    | 30.9   | 20.6   | 1921   | 5.56   | 25.5   | 0.7   |
| 1363859   | NAD 83 -Z8 | 565808     | 7138039    | 2.6    | 179.7  | 82.4   | 297    | 0.5    | 29.6   | 43.4   | 4511   | 12.57  | 68.8   | 0.5   |
| 1360121   | NAD 83 -Z8 | 564682     | 7138857    | 1.1    | 32.6   | 73.8   | 287    | 0.3    | 49.9   | 47.8   | 2036   | 9.9    | 3.8    | 0.6   |
| 1360123   | NAD 83 -Z8 | 564692     | 7138808    | 1.5    | 185.2  | 1054.8 | 802    | 0.3    | 38     | 47.9   | 1483   | 8.29   | 10.9   | 0.5   |
| 1360124   | NAD 83 -Z8 | 564709     | 7138761    | 0.8    | 121.2  | 898.5  | 1205   | 0.6    | 48     | 60.9   | 2023   | 11.62  | 9.8    | 1.5   |
| 1360125   | NAD 83 -Z8 | 564729     | 7138717    | 1.7    | 118.9  | 484.9  | 1608   | 0.8    | 43.7   | 47.3   | 2984   | 9.02   | 20.6   | 0.9   |
| 1360126   | NAD 83 -Z8 | 564729     | 7138717    | 2.1    | 107    | 448.6  | 1535   | 1.1    | 41.5   | 48.7   | 3402   | 12.43  | 17.3   | 1     |
| 1360127   | NAD 83 -Z8 | 564751     | 7138671    | 1.1    | 163.5  | 306.1  | 883    | 1.6    | 38.7   | 37.7   | 5773   | 8.55   | 36.7   | 0.6   |
| 1360129   | NAD 83 -Z8 | 564773     | 7138626    | 0.8    | 264.9  | 178.6  | 747    | 1.9    | 39.9   | 41.2   | 3183   | 8.63   | 33     | 0.8   |
| 1360130   | NAD 83 -Z8 | 564782     | 7138578    | 1.4    | 162.8  | 136.5  | 554    | 1.1    | 40.5   | 29.3   | 1808   | 6.34   | 27.9   | 1.1   |
| 1360131   | NAD 83 -Z8 | 564803     | 7138531    | 2      | 180.6  | 2419   | 10000  | 5.1    | 63.1   | 40.6   | 7273   | 9.93   | 50     | 1.3   |
| 1360132   | NAD 83 -Z8 | 564818     | 7138483    | 0.8    | 190.1  | 214.4  | 997    | 0.9    | 97.7   | 48.9   | 3899   | 10.66  | 36.6   | 0.5   |
| 1360133   | NAD 83 -Z8 | 564834     | 7138434    | 1.4    | 77.6   | 170.3  | 424    | 0.2    | 44.1   | 23     | 1061   | 4.59   | 14.5   | 0.6   |
| 1360134   | NAD 83 -Z8 | 564859     | 7138390    | 1.1    | 77.8   | 151.9  | 656    | 0.2    | 51.7   | 25.9   | 995    | 4.46   | 21.6   | 0.7   |
| 1360135   | NAD 83 -Z8 | 564871     | 7138342    | 1.7    | 87.6   | 161.3  | 395    | 0.1    | 45.2   | 32.6   | 701    | 4.15   | 14.2   | 0.5   |
| 1360136   | NAD 83 -Z8 | 564884     | 7138294    | 0.5    | 175.8  | 107.4  | 621    | 0.5    | 138.1  | 66.5   | 1950   | 9.34   | 12.6   | 0.2   |
| 1360137   | NAD 83 -Z8 | 564902     | 7138248    | 1.2    | 215.4  | 422.4  | 692    | 1      | 118.6  | 93.3   | 3066   | 9.12   | 118.7  | 0.6   |
| 1360138   | NAD 83 -Z8 | 564925     | 7138204    | 58.2   | 435.2  | 134.7  | 327    | 0.4    | 132.2  | 15.9   | 535    | 6.63   | 89.7   | 4.2   |
| 1360139   | NAD 83 -Z8 | 564943     | 7138156    | 13.8   | 166.3  | 255.6  | 365    | 1.1    | 61.2   | 13.2   | 607    | 6.7    | 68.6   | 4.4   |
| 1360139   | NAD 83 -Z8 | 564943     | 7138156    | 14.5   | 166.2  | 261.4  | 364    | 1.1    | 62.2   | 13.7   | 623    | 6.81   | 71     | 4.5   |
| 1360140   | NAD 83 -Z8 | 564960     | 7138110    | 15.5   | 94.8   | 111.1  | 436    | 0.5    | 60.8   | 20.9   | 447    | 7.03   | 91.4   | 2.1   |
| 1360141   | NAD 83 -Z8 | 564980     | 7138063    | 7.6    | 85.4   | 53     | 317    | 0.2    | 46.4   | 21.6   | 730    | 4      | 34     | 1.8   |
| 1360142   | NAD 83 -Z8 | 564996     | 7138016    | 7.8    | 52.5   | 95.2   | 255    | 0.3    | 40.6   | 12.2   | 422    | 5.3    | 44.9   | 1.5   |
| 1360143   | NAD 83 -Z8 | 565015     | 7137970    | 4.9    | 62.4   | 50.2   | 347    | 0.2    | 48.5   | 18.3   | 723    | 3.52   | 41.6   | 1.4   |
| 1360144   | NAD 83 -Z8 | 565033     | 7137923    | 5.2    | 72.9   | 44     | 288    | 0.4    | 36.2   | 18.5   | 762    | 4.19   | 34.4   | 1.1   |
| 1360145   | NAD 83 -Z8 | 565051     | 7137876    | 8.4    | 60.3   | 70     | 499    | 0.5    | 40.9   | 24.5   | 1256   | 4.19   | 49.5   | 1.4   |
| 1360146   | NAD 83 -Z8 | 565067     | 7137828    | 12     | 108.1  | 78     | 217    | 0.9    | 38.9   | 10.4   | 507    | 5.2    | 90.7   | 2.4   |
| 1360147   | NAD 83 -Z8 | 565086     | 7137783    | 6.9    | 43.8   | 47.3   | 202    | 0.5    | 30.9   | 13.7   | 706    | 4.22   | 33.8   | 1.3   |
| 1360148   | NAD 83 -Z8 | 565105     | 7137737    | 12.7   | 100.4  | 140.6  | 518    | 0.7    | 55.4   | 21.1   | 818    | 5.24   | 78.5   | 1.4   |
| 1360149   | NAD 83 -Z8 | 565133     | 7137695    | 10.7   | 65.7   | 177    | 341    | 1.3    | 29.2   | 8.3    | 268    | 4.78   | 62.3   | 1.2   |
| 1360150   | NAD 83 -Z8 | 565149     | 7137648    | 18.9   | 191.2  | 342.3  | 928    | 2.1    | 91.2   | 25.9   | 518    | 8.33   | 118.7  | 2.8   |
| 1360150   | NAD 83 -Z8 | 565149     | 7137648    | 20.1   | 182.3  | 346.7  | 934    | 2.3    | 87.4   | 25.5   | 510    | 8.41   | 119.8  | 2.9   |
| 1360152   | NAD 83 -Z8 | 565164     | 7137600    | 4.2    | 37.3   | 82.4   | 193    | 0.9    | 26.6   | 10.1   | 596    | 4.07   | 21.4   | 0.9   |
| 1360153   | NAD 83 -Z8 | 565188     | 7137557    | 8.9    | 77.8   | 131.9  | 288    | 1.9    | 47.8   | 12.4   | 428    | 4.14   | 39.1   | 1.6   |
| 1360154   | NAD 83 -Z8 | 565210     | 7137511    | 8.1    | 61.1   | 102.7  | 327    | 0.8    | 41.4   | 15.5   | 460    | 4.89   | 59     | 1.2   |
| 1360155   | NAD 83 -Z8 | 565238     | 7137471    | 6.9    | 50.7   | 80.8   | 253    | 0.6    | 34.2   | 15.1   | 505    | 3.97   | 27.8   | 1.2   |

| sample_id | au_ppb | th_ppm | 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 |
|-----------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1363838   | 0.25   | 2.2    | 11     | 3.2    | 2.8    | 0.1    | 131   | 0.35   | 0.07  | 20     | 79     | 1.39   | 117    | 0.105  | 2     | 2.38   | 0.006  |
| 1363839   | 0.25   | 0.7    | 14     | 0.7    | 1.3    | 0.4    | 93    | 0.39   | 0.205 | 11     | 28     | 0.29   | 188    | 0.02   | 2     | 1.31   | 0.004  |
| 1363840   | 0.25   | 1.7    | 13     | 1.1    | 2.7    | 0.3    | 86    | 0.33   | 0.124 | 17     | 32     | 0.63   | 155    | 0.018  | 3     | 1.89   | 0.005  |
| 1363841   | 0.25   | 1.1    | 10     | 4.5    | 1.6    | 0.5    | 112   | 0.2    | 0.097 | 12     | 32     | 0.59   | 137    | 0.044  | 1     | 1.36   | 0.004  |
| 1363842   | 4      | 1.9    | 7      | 0.7    | 5.7    | 0.9    | 121   | 0.05   | 0.097 | 10     | 50     | 1.19   | 59     | 0.044  | 2     | 2.15   | 0.004  |
| 1363853   | 4.7    | 1.1    | 6      | 0.6    | 2.6    | 0.5    | 115   | 0.05   | 0.085 | 11     | 21     | 0.21   | 59     | 0.024  | 0.5   | 1.55   | 0.003  |
| 1363854   | 0.25   | 1.3    | 7      | 0.4    | 1.4    | 0.4    | 77    | 0.06   | 0.054 | 11     | 30     | 0.47   | 72     | 0.031  | 2     | 1.55   | 0.004  |
| 1363855   | 5.2    | 0.4    | 20     | 5      | 15.3   | 0.3    | 86    | 0.83   | 0.148 | 7      | 118    | 0.92   | 98     | 0.023  | 4     | 2.11   | 0.007  |
| 1363856   | 5.4    | 1.3    | 15     | 3.2    | 3.4    | 0.4    | 88    | 0.53   | 0.09  | 11     | 99     | 1.07   | 124    | 0.025  | 4     | 2.14   | 0.006  |
| 1363857   | 0.6    | 1.5    | 11     | 2.8    | 1.3    | 0.1    | 102   | 0.19   | 0.075 | 10     | 33     | 0.64   | 131    | 0.011  | 6     | 2.15   | 0.009  |
| 1363858   | 0.25   | 2.2    | 8      | 2.1    | 1.8    | 0.4    | 97    | 0.32   | 0.058 | 8      | 22     | 0.44   | 182    | 0.01   | 3     | 1.57   | 0.003  |
| 1363859   | 5.7    | 1.2    | 6      | 1.4    | 4.5    | 0.05   | 203   | 0.28   | 0.061 | 5      | 9      | 0.22   | 165    | 0.002  | 5     | 1.29   | 0.002  |
| 1360121   | 1.3    | 0.9    | 7      | 0.6    | 1.1    | 0.05   | 290   | 0.8    | 0.026 | 8      | 8      | 2.27   | 107    | 0.054  | 7     | 2.93   | 0.003  |
| 1360123   | 2.6    | 1.4    | 8      | 2.9    | 3.2    | 0.1    | 232   | 0.34   | 0.107 | 10     | 11     | 1.67   | 60     | 0.053  | 4     | 2.63   | 0.006  |
| 1360124   | 2.2    | 1.2    | 5      | 4.5    | 2.1    | 0.05   | 276   | 0.47   | 0.08  | 14     | 5      | 2.79   | 73     | 0.003  | 2     | 3.79   | 0.002  |
| 1360125   | 4.6    | 5      | 23     | 5      | 5.5    | 0.05   | 160   | 0.81   | 0.179 | 39     | 11     | 0.9    | 124    | 0.009  | 4     | 1.59   | 0.004  |
| 1360126   | 6.9    | 5.8    | 27     | 6.1    | 4.7    | 0.1    | 194   | 1.32   | 0.26  | 80     | 10     | 0.8    | 119    | 0.006  | 4     | 1.5    | 0.003  |
| 1360127   | 7.3    | 2.4    | 12     | 3.9    | 12.9   | 0.1    | 90    | 0.42   | 0.058 | 11     | 16     | 0.62   | 270    | 0.008  | 6     | 1.23   | 0.005  |
| 1360129   | 11.5   | 1.6    | 8      | 2.9    | 31.1   | 0.2    | 129   | 0.42   | 0.06  | 10     | 21     | 1.09   | 179    | 0.004  | 6     | 2.1    | 0.004  |
| 1360130   | 6.5    | 3.1    | 12     | 1.7    | 15.5   | 0.2    | 109   | 0.21   | 0.064 | 14     | 30     | 0.94   | 203    | 0.012  | 4     | 2.25   | 0.005  |
| 1360131   | 5.4    | 2.7    | 16     | 49.2   | 46.9   | 0.1    | 112   | 0.39   | 0.085 | 12     | 36     | 1.01   | 308    | 0.014  | 6     | 1.64   | 0.006  |
| 1360132   | 6.3    | 1.4    | 8      | 6.7    | 3.4    | 0.05   | 182   | 0.59   | 0.051 | 11     | 148    | 1.18   | 141    | 0.005  | 6     | 2.01   | 0.003  |
| 1360133   | 3.4    | 0.9    | 8      | 1.5    | 1.5    | 0.2    | 90    | 0.11   | 0.06  | 10     | 69     | 0.85   | 106    | 0.016  | 3     | 2.22   | 0.004  |
| 1360134   | 4.9    | 3.1    | 10     | 2      | 2.3    | 0.1    | 86    | 0.14   | 0.049 | 12     | 67     | 0.97   | 161    | 0.02   | 3     | 2.04   | 0.005  |
| 1360135   | 3.7    | 2.6    | 10     | 1.1    | 1.5    | 0.2    | 90    | 0.13   | 0.037 | 10     | 58     | 1.17   | 83     | 0.044  | 3     | 2.5    | 0.006  |
| 1360136   | 4.8    | 0.8    | 4      | 3.9    | 0.9    | 0.05   | 183   | 0.59   | 0.044 | 9      | 254    | 3.09   | 63     | 0.005  | 0.5   | 3.65   | 0.003  |
| 1360137   | 13.3   | 1.4    | 7      | 3.6    | 4.4    | 0.2    | 136   | 0.36   | 0.064 | 12     | 119    | 2.1    | 98     | 0.009  | 1     | 2.56   | 0.003  |
| 1360138   | 5.7    | 0.8    | 16     | 0.5    | 10.9   | 0.5    | 61    | 0.51   | 0.274 | 22     | 27     | 0.39   | 81     | 0.011  | 1     | 1.37   | 0.005  |
| 1360139   | 8      | 0.7    | 14     | 0.8    | 9.1    | 0.5    | 44    | 0.08   | 0.24  | 18     | 25     | 0.27   | 148    | 0.011  | 0.5   | 1.46   | 0.006  |
| 1360139   | 7.3    | 0.7    | 15     | 0.8    | 9.9    | 0.5    | 46    | 0.09   | 0.231 | 18     | 26     | 0.27   | 151    | 0.012  | 2     | 1.48   | 0.006  |
| 1360140   | 3.1    | 1      | 10     | 1.6    | 6.9    | 0.4    | 38    | 0.06   | 0.165 | 10     | 22     | 0.38   | 69     | 0.013  | 1     | 1.3    | 0.004  |
| 1360141   | 3.3    | 0.5    | 13     | 0.9    | 2.3    | 0.2    | 60    | 0.21   | 0.093 | 11     | 29     | 0.56   | 149    | 0.016  | 2     | 1.76   | 0.006  |
| 1360142   | 4.2    | 0.7    | 9      | 0.8    | 3.2    | 0.4    | 57    | 0.06   | 0.086 | 11     | 31     | 0.37   | 93     | 0.025  | 0.5   | 1.61   | 0.004  |
| 1360143   | 4.8    | 1.1    | 9      | 1.3    | 2      | 0.5    | 54    | 0.08   | 0.063 | 12     | 24     | 0.47   | 86     | 0.025  | 2     | 1.45   | 0.006  |
| 1360144   | 3.6    | 0.4    | 9      | 2.6    | 1.9    | 0.4    | 71    | 0.11   | 0.08  | 11     | 28     | 0.44   | 116    | 0.017  | 2     | 1.58   | 0.004  |
| 1360145   | 1.8    | 0.4    | 17     | 6.9    | 2.3    | 0.5    | 78    | 0.18   | 0.143 | 10     | 30     | 0.44   | 244    | 0.013  | 2     | 1.3    | 0.004  |
| 1360146   | 3.8    | 0.9    | 13     | 1.4    | 6.7    | 0.5    | 76    | 0.12   | 0.155 | 10     | 34     | 0.36   | 117    | 0.019  | 2     | 1.87   | 0.005  |
| 1360147   | 2.4    | 0.3    | 12     | 2.6    | 3.8    | 0.4    | 74    | 0.13   | 0.161 | 7      | 25     | 0.43   | 149    | 0.006  | 2     | 1.22   | 0.004  |
| 1360148   | 2.2    | 1.8    | 11     | 3.3    | 4.6    | 0.9    | 84    | 0.08   | 0.092 | 13     | 29     | 0.72   | 131    | 0.021  | 3     | 1.68   | 0.005  |
| 1360149   | 4.7    | 2.7    | 12     | 1.7    | 8.3    | 0.8    | 91    | 0.08   | 0.082 | 14     | 31     | 0.53   | 133    | 0.03   | 2     | 1.45   | 0.005  |
| 1360150   | 5.6    | 2.5    | 9      | 4.6    | 8.1    | 0.8    | 86    | 0.05   | 0.154 | 16     | 30     | 0.56   | 239    | 0.02   | 3     | 1.82   | 0.005  |
| 1360150   | 6.5    | 2.6    | 9      | 4.8    | 8      | 0.9    | 84    | 0.05   | 0.157 | 16     | 30     | 0.56   | 247    | 0.019  | 4     | 1.8    | 0.005  |
| 1360152   | 6.6    | 3.9    | 8      | 0.6    | 1.6    | 0.3    | 68    | 0.09   | 0.072 | 14     | 28     | 0.53   | 103    | 0.025  | 2     | 1.96   | 0.004  |
| 1360153   | 5.5    | 5      | 10     | 0.6    | 4      | 0.4    | 88    | 0.12   | 0.057 | 18     | 35     | 1      | 132    | 0.058  | 3     | 2.32   | 0.007  |
| 1360154   | 4      | 3.1    | 10     | 0.8    | 3.4    | 0.6    | 112   | 0.1    | 0.064 | 15     | 35     | 0.95   | 115    | 0.05   | 3     | 2.18   | 0.007  |
| 1360155   | 3      | 3.4    | 9      | 1      | 2.5    | 0.4    | 111   | 0.14   | 0.056 | 12     | 31     | 1.04   | 94     | 0.074  | 4     | 1.95   | 0.009  |

| sample_id | k_pct | w_ppm | hg_ppm | sc_ppm | tl_ppm | s_pct | ga_ppm | se_ppm | te_ppm | analysis | job_number  | colour          | moisture |
|-----------|-------|-------|--------|--------|--------|-------|--------|--------|--------|----------|-------------|-----------------|----------|
| 1363838   | 0.06  | 0.1   | 0.1    | 12     | 0.4    | 0.08  | 8      | 0.25   | 0.3    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363839   | 0.09  | 0.05  | 0.08   | 2.4    | 0.2    | 0.16  | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363840   | 0.06  | 0.1   | 0.05   | 4      | 0.2    | 0.09  | 6      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363841   | 0.08  | 0.2   | 0.07   | 3      | 0.2    | 0.07  | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363842   | 0.07  | 0.1   | 0.17   | 8.1    | 0.2    | 0.1   | 8      | 9      | 0.7    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1363853   | 0.05  | 0.4   | 0.22   | 1.7    | 0.2    | 0.09  | 8      | 3.1    | 0.5    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363854   | 0.04  | 0.3   | 0.03   | 2.8    | 0.1    | 0.09  | 7      | 1      | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363855   | 0.06  | 0.1   | 0.09   | 4.1    | 0.3    | 0.14  | 7      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363856   | 0.06  | 0.2   | 0.09   | 10.1   | 0.3    | 0.1   | 6      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1363857   | 0.06  | 0.1   | 0.02   | 10.7   | 0.3    | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363858   | 0.08  | 0.2   | 0.02   | 7.5    | 0.2    | 0.06  | 6      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1363859   | 0.09  | 0.05  | 0.03   | 27.7   | 0.2    | 0.05  | 5      | 0.9    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1360121   | 0.06  | 0.05  | 0.08   | 47.4   | 0.2    | 0.025 | 12     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Reddish Orange  | Dry      |
| 1360123   | 0.04  | 0.05  | 0.04   | 22.8   | 0.3    | 0.025 | 12     | 0.6    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Dry      |
| 1360124   | 0.03  | 0.05  | 0.28   | 29.9   | 0.3    | 0.025 | 15     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Greyish Green   | Dry      |
| 1360125   | 0.07  | 0.05  | 0.35   | 25.2   | 0.3    | 0.025 | 7      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1360126   | 0.07  | 0.05  | 0.4    | 31.9   | 0.3    | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1360127   | 0.1   | 0.1   | 0.13   | 21.9   | 0.1    | 0.025 | 3      | 0.5    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360129   | 0.07  | 0.05  | 0.15   | 23.1   | 0.2    | 0.025 | 6      | 0.5    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Dry      |
| 1360130   | 0.06  | 0.2   | 0.12   | 15.9   | 0.2    | 0.025 | 6      | 1.1    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360131   | 0.09  | 0.05  | 0.49   | 29.4   | 0.1    | 0.025 | 6      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Dry      |
| 1360132   | 0.07  | 0.05  | 0.23   | 46.4   | 0.1    | 0.025 | 6      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360133   | 0.04  | 0.2   | 0.07   | 7.5    | 0.1    | 0.025 | 6      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360134   | 0.04  | 0.1   | 0.05   | 9.9    | 0.1    | 0.025 | 5      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360135   | 0.04  | 0.2   | 0.05   | 6.9    | 0.1    | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Dry      |
| 1360136   | 0.03  | 0.05  | 0.13   | 47     | 0.05   | 0.025 | 11     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360137   | 0.05  | 0.05  | 0.13   | 31.3   | 0.05   | 0.025 | 8      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Dry      |
| 1360138   | 0.08  | 0.2   | 0.05   | 2.1    | 0.5    | 0.025 | 5      | 3.7    | 0.3    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360139   | 0.14  | 0.1   | 0.16   | 1.4    | 0.5    | 0.18  | 5      | 3.2    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360139   | 0.14  | 0.2   | 0.19   | 1.4    | 0.5    | 0.18  | 5      | 2.7    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360140   | 0.05  | 0.1   | 0.09   | 2.6    | 0.5    | 0.025 | 4      | 3.1    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360141   | 0.07  | 0.1   | 0.04   | 2      | 0.2    | 0.025 | 6      | 1.3    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360142   | 0.07  | 0.1   | 0.06   | 1.7    | 0.3    | 0.025 | 7      | 2      | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360143   | 0.06  | 0.1   | 0.03   | 2.2    | 0.1    | 0.025 | 4      | 1.7    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360144   | 0.06  | 0.1   | 0.03   | 2.1    | 0.2    | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360145   | 0.09  | 0.1   | 0.06   | 1.1    | 0.3    | 0.025 | 7      | 1.2    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360146   | 0.11  | 0.2   | 0.12   | 1.6    | 0.5    | 0.14  | 6      | 2.6    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360147   | 0.07  | 0.1   | 0.07   | 0.6    | 0.6    | 0.08  | 6      | 1.5    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360148   | 0.07  | 0.2   | 0.05   | 2.7    | 0.2    | 0.025 | 6      | 2.1    | 0.3    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360149   | 0.08  | 0.2   | 0.07   | 2.2    | 0.3    | 0.025 | 8      | 2.2    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360150   | 0.08  | 0.2   | 0.05   | 3.5    | 0.2    | 0.025 | 6      | 4.8    | 0.3    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360150   | 0.07  | 0.2   | 0.05   | 3.2    | 0.2    | 0.025 | 6      | 5.6    | 0.3    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360152   | 0.05  | 0.3   | 0.06   | 3.7    | 0.2    | 0.025 | 6      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360153   | 0.09  | 0.2   | 0.09   | 3.8    | 0.2    | 0.025 | 6      | 1.7    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360154   | 0.09  | 0.2   | 0.06   | 4.2    | 0.2    | 0.025 | 7      | 1.7    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360155   | 0.07  | 0.2   | 0.04   | 4      | 0.1    | 0.025 | 7      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |

| sample_id | site_slope       | depth | horizon | site_veget    | ground_cov           | quality   | note1              | note2              |
|-----------|------------------|-------|---------|---------------|----------------------|-----------|--------------------|--------------------|
| 1363838   | Pronounced Slope | 40    | B       | No Tree Cover | Thin Moss Cover      | Good      | Rocky              | Rocky Terrain      |
| 1363839   | Pronounced Slope | 30    | B       | No Tree Cover | Thin Moss Cover      | Poor      | Rocky              | Organic 25%        |
| 1363840   | Pronounced Slope | 40    | B       | No Tree Cover | Thin Moss Cover      | Good      | Coarse             | Rocky Terrain      |
| 1363841   | Subtle Slope     | 30    | B       | No Tree Cover | Thin Moss Cover      | Poor      | Coarse             | Rocky              |
| 1363842   | Subtle Slope     | 30    | C       | No Tree Cover | Thin Moss Cover      | Good      | Coarse             | Rocky Terrain      |
| 1363853   | Subtle Slope     | 20    | B       | No Tree Cover | Thin Moss Cover      | Poor      | Organic 25%        | Rocky              |
| 1363854   | Pronounced Slope | 20    | B       | No Tree Cover | Rock Cover           | Good      | Coarse             | Rocky Terrain      |
| 1363855   | Steep            | 20    | A       | No Tree Cover | Thin Moss Cover      | Poor      | Coarse             | Rocky              |
| 1363856   | Steep            | 40    | B       | No Tree Cover | Bare Soil            | Good      | Coarse             | Rocky Terrain      |
| 1363857   | Steep            | 40    | B       | No Tree Cover | Bare Soil            | Good      | Coarse             | Rocky Terrain      |
| 1363858   | Pronounced Slope | 30    | B       | Dwarf Birch   | Thin Moss Cover      | Good      | Coarse             | Rocky Terrain      |
| 1363859   | Pronounced Slope | 40    | B       | Dwarf Birch   | Thin Moss Cover      | Good      | Clay               | Rocky Terrain      |
| 1360121   | Pronounced Slope | 40    | C       | No Tree Cover | Bare Soil            | Excellent | Coarse             | Talus              |
| 1360123   | Pronounced Slope | 40    | C       | No Tree Cover | Bare Soil            | Excellent | Fine               | Rocky Terrain      |
| 1360124   | Subtle Slope     | 80    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Rocky Terrain      | Rocky              |
| 1360125   | Subtle Slope     | 60    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Rocky Terrain      | Rocky              |
| 1360126   | Subtle Slope     | 40    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Rocky Terrain      | Rocky              |
| 1360127   | Pronounced Slope | 60    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Fine               | Bright Orange Rust |
| 1360129   | Pronounced Slope | 50    | C       | No Tree Cover | Bare Soil            | Excellent | Bright Orange Rust | Fine               |
| 1360130   | Pronounced Slope | 70    | C       | No Tree Cover | Bare Soil            | Excellent | Talus              | Rocky              |
| 1360131   | Pronounced Slope | 60    | C       | No Tree Cover | Rock Cover           | Excellent | Coarse             | Rocky Terrain      |
| 1360132   | Pronounced Slope | 50    | C       | No Tree Cover | Bare Soil            | Excellent | Fine               | Bright Orange Rust |
| 1360133   | Subtle Slope     | 40    | C       | No Tree Cover | Grass Cover          | Good      | Fine               | Talus              |
| 1360134   | Subtle Slope     | 50    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Talus              | Rocky              |
| 1360135   | Subtle Slope     | 30    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Fine               | Rocky Terrain      |
| 1360136   | Pronounced Slope | 70    | C       | No Tree Cover | Grass Cover          | Excellent | Rocky Terrain      | Rocky              |
| 1360137   | Pronounced Slope | 30    | C       | No Tree Cover | Rock Cover           | Excellent | Coarse             | Talus              |
| 1360138   | Subtle Slope     | 50    | C       | No Tree Cover | Grass Cover          | Excellent | Coarse             | Dull Red Rust      |
| 1360139   | Pronounced Slope | 50    | C       | No Tree Cover | Reindeer Moss        | Excellent | Rocky Terrain      | Rocky Sample       |
| 1360139   | Pronounced Slope | 50    | C       | No Tree Cover | Reindeer Moss        | Excellent | Rocky Terrain      | Rocky Sample       |
| 1360140   | Pronounced Slope | 50    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Rocky Terrain      | Rocky              |
| 1360141   | Pronounced Slope | 60    | C       | No Tree Cover | Grass Cover          | Good      | Rocky Terrain      |                    |
| 1360142   | Subtle Slope     | 30    | C       | No Tree Cover | Grass Cover          | Excellent | Fine               | Rusty Rock Chip    |
| 1360143   | Pronounced Slope | 50    | C       | No Tree Cover | Grass Cover          | Excellent | Fine               | Rocky              |
| 1360144   | Pronounced Slope | 50    | C       | No Tree Cover | Reindeer Moss        | Good      | Fine               | Rocky              |
| 1360145   | Pronounced Slope | 70    | C       | Willows       | Grass Cover          | Excellent | Fine               | Bright Orange Rust |
| 1360146   | Pronounced Slope | 50    | B       | Dwarf Birch   | Reindeer Moss        | Poor      | Fine               | Rocky Sample       |
| 1360147   | Pronounced Slope | 50    | C       | Dwarf Birch   | Reindeer Moss        | Good      | Fine               | Rocky              |
| 1360148   | Pronounced Slope | 50    | C       | Dwarf Birch   | Grass Cover          | Excellent | Coarse             | Rocky              |
| 1360149   | Pronounced Slope | 30    | C       | Dwarf Birch   | Thin Moss Cover      | Good      | Fine               | Rocky              |
| 1360150   | Pronounced Slope | 50    | C       | Dwarf Birch   | Thin Moss Cover      | Excellent | Coarse             | Dull Red Rust      |
| 1360150   | Pronounced Slope | 50    | C       | Dwarf Birch   | Thin Moss Cover      | Excellent | Coarse             | Dull Red Rust      |
| 1360152   | Subtle Slope     | 40    | C       | Dwarf Birch   | Grass Cover          | Excellent | Coarse             | Dull Red Rust      |
| 1360153   | Pronounced Slope | 60    | C       | Dwarf Birch   | Reindeer Moss        | Excellent | Rocky              |                    |
| 1360154   | Pronounced Slope | 40    | C       | Dwarf Birch   | Reindeer Moss        | Excellent | Rocky              |                    |
| 1360155   | Pronounced Slope | 50    | C       | Black Spruce  | Sphagnum Moss < 30cm | Excellent | Fine               | Rocky              |

| sample_id | utm_zone   | utm_eastin | utm_northi | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|-----------|------------|------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1360624   | NAD 83 -Z8 | 565587     | 7139260    | 15     | 156.5  | 207.9  | 915    | 0.5    | 114.3  | 48.2   | 1222   | 4.6    | 33.9   | 4     |
| 1360625   | NAD 83 -Z8 | 565587     | 7139260    | 14.9   | 164.3  | 210.9  | 966    | 0.6    | 112.9  | 44.2   | 1164   | 5.12   | 33.4   | 4.8   |
| 1262934   | NAD 83 -Z8 | 565635     | 7139251    | 16.5   | 337.7  | 380.3  | 868    | 0.9    | 116    | 67.6   | 1256   | 4.54   | 41.3   | 2.7   |
| 1262935   | NAD 83 -Z8 | 565682     | 7139265    | 2.3    | 143.9  | 77     | 757    | 0.1    | 58.1   | 55.3   | 1324   | 4.64   | 25.3   | 1.3   |
| 1360619   | NAD 83 -Z8 | 565731     | 7139275    | 11.4   | 855.5  | 338.7  | 10000  | 2.6    | 112.6  | 122.1  | 1828   | 7.22   | 48.1   | 2.3   |
| 1360620   | NAD 83 -Z8 | 565777     | 7139296    | 1.7    | 294.4  | 1385.7 | 805    | 0.6    | 48.7   | 31.6   | 890    | 4.74   | 11.9   | 0.8   |
| 1360621   | NAD 83 -Z8 | 565809     | 7139319    | 14.7   | 532.4  | 55     | 580    | 0.3    | 115.8  | 53.5   | 703    | 3.42   | 42.9   | 4.6   |
| 1360622   | NAD 83 -Z8 | 565858     | 7139329    | 98.2   | 2281.5 | 356.2  | 629    | 12.7   | 157.1  | 58.5   | 396    | 4.97   | 107.3  | 11.6  |
| 1360635   | NAD 83 -Z8 | 565898     | 7139358    | 71     | 4772.3 | 303.7  | 1373   | 8.6    | 241.4  | 164.7  | 1160   | 7.09   | 84.6   | 9.4   |
| 1360636   | NAD 83 -Z8 | 565946     | 7139375    | 16.8   | 152.6  | 38.7   | 218    | 0.2    | 123.7  | 34.1   | 566    | 3.33   | 37.4   | 2.8   |
| 1360637   | NAD 83 -Z8 | 565992     | 7139394    | 2.5    | 40.9   | 36.7   | 115    | 0.1    | 31.4   | 16.9   | 578    | 3.73   | 15.2   | 0.9   |
| 1360638   | NAD 83 -Z8 | 566031     | 7139425    | 15.9   | 113.6  | 72.3   | 178    | 0.4    | 59.6   | 20.1   | 449    | 4.18   | 24.5   | 1.9   |
| 1360639   | NAD 83 -Z8 | 566052     | 7139470    | 9.9    | 278.8  | 90.9   | 367    | 0.3    | 94.7   | 97.8   | 611    | 6.75   | 79.7   | 1.1   |
| 1360640   | NAD 83 -Z8 | 566079     | 7139513    | 10.4   | 61.5   | 84.2   | 260    | 0.05   | 56.4   | 30     | 528    | 3.56   | 31.6   | 1.3   |
| 1360641   | NAD 83 -Z8 | 566112     | 7139551    | 1.4    | 116.6  | 671.2  | 1859   | 0.7    | 82.9   | 78     | 1772   | 8.26   | 15.7   | 0.5   |
| 1360642   | NAD 83 -Z8 | 566145     | 7139588    | 6.8    | 204.6  | 84.7   | 341    | 0.2    | 81     | 45.4   | 1467   | 5.78   | 41.4   | 1     |
| 1360644   | NAD 83 -Z8 | 566178     | 7139628    | 2.3    | 233.4  | 140    | 238    | 0.4    | 36.5   | 64     | 8904   | 17.57  | 67.3   | 1     |
| 1360645   | NAD 83 -Z8 | 566222     | 7139650    | 15.4   | 269.8  | 173.7  | 522    | 0.3    | 53     | 14.1   | 301    | 10.45  | 187.1  | 4.3   |
| 1360648   | NAD 83 -Z8 | 566270     | 7139670    | 2.9    | 47.3   | 75.3   | 118    | 0.05   | 32.8   | 9.7    | 255    | 3.12   | 17.6   | 0.7   |
| 1360649   | NAD 83 -Z8 | 566318     | 7139676    | 1.8    | 48.3   | 118.8  | 157    | 0.2    | 27.3   | 11.2   | 320    | 2.79   | 13.9   | 0.6   |
| 1360650   | NAD 83 -Z8 | 566328     | 7139681    | 0.9    | 117.2  | 10000  | 10000  | 14.7   | 27.9   | 70.5   | 1022   | 2.48   | 12.3   | 0.3   |
| 1360650   | NAD 83 -Z8 | 566328     | 7139681    | 0.9    | 131.2  | 10000  | 10000  | 16     | 30.5   | 83.7   | 1126   | 2.75   | 12.7   | 0.3   |
| 1360652   | NAD 83 -Z8 | 566359     | 7139706    | 2      | 37     | 124.8  | 256    | 0.1    | 29.4   | 13.2   | 408    | 3.04   | 18     | 0.7   |
| 1360653   | NAD 83 -Z8 | 566399     | 7139736    | 2.5    | 108.5  | 504.9  | 598    | 0.3    | 54.7   | 35.2   | 1064   | 3.15   | 26.2   | 0.7   |
| 1360654   | NAD 83 -Z8 | 566440     | 7139764    | 1.7    | 36.6   | 62.2   | 197    | 0.2    | 25.2   | 14.6   | 686    | 3.31   | 13.9   | 0.6   |
| 1360655   | NAD 83 -Z8 | 566487     | 7139784    | 0.4    | 57.2   | 88.2   | 311    | 0.3    | 98.7   | 75.4   | 4784   | 9.76   | 212.7  | 0.05  |
| 1360656   | NAD 83 -Z8 | 566526     | 7139818    | 1.9    | 121.9  | 232.2  | 239    | 0.7    | 52.3   | 31.3   | 772    | 3.95   | 17.9   | 0.6   |
| 1360657   | NAD 83 -Z8 | 566575     | 7139826    | 1.3    | 61.1   | 69.2   | 278    | 0.5    | 51.1   | 23.7   | 2157   | 7.4    | 60.2   | 0.8   |
| 1360658   | NAD 83 -Z8 | 566624     | 7139833    | 1.4    | 133.9  | 518.7  | 765    | 0.6    | 64.6   | 40.3   | 1540   | 4.96   | 35.6   | 0.5   |
| 1360659   | NAD 83 -Z8 | 566674     | 7139840    | 1.8    | 44.1   | 92     | 144    | 0.2    | 21.3   | 9.6    | 413    | 3.14   | 14.3   | 0.6   |
| 1360659   | NAD 83 -Z8 | 566674     | 7139840    | 1.7    | 44.4   | 89     | 145    | 0.2    | 22     | 9.7    | 412    | 3.21   | 14.3   | 0.6   |
| 1360660   | NAD 83 -Z8 | 566726     | 7139839    | 1.8    | 213.6  | 462.2  | 869    | 0.5    | 48.1   | 24.3   | 920    | 4.22   | 24.3   | 1.1   |
| 1360661   | NAD 83 -Z8 | 566777     | 7139834    | 1.9    | 107.5  | 137.3  | 407    | 0.2    | 33.5   | 21     | 695    | 3.8    | 16.6   | 0.7   |
| 1360662   | NAD 83 -Z8 | 566817     | 7139865    | 1.5    | 134.1  | 132.3  | 469    | 0.6    | 45.6   | 22.7   | 803    | 3.59   | 21.5   | 0.9   |
| 1360663   | NAD 83 -Z8 | 566859     | 7139896    | 1.7    | 134.8  | 248.9  | 534    | 0.4    | 38.8   | 30.3   | 1678   | 4.3    | 21.9   | 1.1   |
| 1363843   | NAD 83 -Z8 | 564322     | 7140971    | 4.7    | 35.9   | 78.6   | 225    | 0.2    | 37.6   | 17.2   | 2786   | 4.87   | 24.6   | 1     |
| 1363844   | NAD 83 -Z8 | 564283     | 7140939    | 10.2   | 134.4  | 313.4  | 893    | 1.4    | 81     | 23.2   | 1499   | 5.42   | 85.5   | 1.8   |
| 1363845   | NAD 83 -Z8 | 564250     | 7140902    | 3.8    | 49.3   | 70.4   | 173    | 0.6    | 40.3   | 16.9   | 1597   | 3.34   | 25.1   | 0.8   |
| 1363846   | NAD 83 -Z8 | 564204     | 7140882    | 3.2    | 103.6  | 82.8   | 1004   | 0.9    | 177    | 21.4   | 2108   | 3.81   | 25.1   | 0.9   |
| 1363847   | NAD 83 -Z8 | 564155     | 7140868    | 3      | 47.6   | 66.4   | 165    | 0.6    | 41.9   | 16.7   | 2224   | 3.76   | 19.6   | 0.7   |
| 1363848   | NAD 83 -Z8 | 564108     | 7140850    | 3.7    | 81.5   | 165.5  | 386    | 0.4    | 55.5   | 22.1   | 1582   | 4.08   | 32.2   | 0.9   |
| 1363849   | NAD 83 -Z8 | 564060     | 7140837    | 2.8    | 35.5   | 95.8   | 247    | 0.3    | 29.2   | 13.5   | 1234   | 3.87   | 17     | 0.8   |
| 1363850   | NAD 83 -Z8 | 564014     | 7140813    | 3.3    | 42.2   | 71.5   | 177    | 0.8    | 29.8   | 16.8   | 5046   | 6.33   | 37.2   | 0.9   |
| 1363852   | NAD 83 -Z8 | 563966     | 7140795    | 5.7    | 79.7   | 391.9  | 303    | 4.1    | 37.9   | 12.4   | 1330   | 3.85   | 36.6   | 1.3   |
| 1363852   | NAD 83 -Z8 | 563966     | 7140795    | 5.7    | 80     | 398.4  | 301    | 3.9    | 37.4   | 12.7   | 1320   | 3.83   | 35.3   | 1.3   |
| 1363860   | NAD 83 -Z8 | 563919     | 7140774    | 2.8    | 54.3   | 70     | 172    | 0.7    | 41.9   | 17.8   | 2452   | 4.29   | 21.1   | 0.8   |

| sample_id | au_ppb | th_ppm | 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 |
|-----------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1360624   | 4.9    | 5.5    | 10     | 4.9    | 1.7    | 0.2    | 194   | 0.38   | 0.168 | 21     | 60     | 3.04   | 66     | 0.03   | 2     | 2.91   | 0.004  |
| 1360625   | 6.7    | 5.2    | 10     | 5.8    | 1.5    | 0.3    | 175   | 0.37   | 0.15  | 22     | 53     | 2.77   | 69     | 0.029  | 2     | 2.86   | 0.004  |
| 1262934   | 24.6   | 5.1    | 13     | 3.6    | 2.2    | 0.3    | 143   | 0.36   | 0.122 | 18     | 46     | 1.59   | 80     | 0.051  | 3     | 2.11   | 0.006  |
| 1262935   | 3.1    | 2.2    | 11     | 2.3    | 1.7    | 0.2    | 98    | 0.32   | 0.104 | 10     | 29     | 1.11   | 75     | 0.025  | 0.5   | 1.78   | 0.004  |
| 1360619   | 3.1    | 6.1    | 8      | 33.6   | 2.2    | 0.4    | 180   | 0.42   | 0.15  | 30     | 41     | 1.86   | 47     | 0.024  | 2     | 2.09   | 0.004  |
| 1360620   | 7.4    | 1.3    | 9      | 2.6    | 1.6    | 0.3    | 88    | 0.27   | 0.084 | 9      | 32     | 1.03   | 55     | 0.031  | 4     | 1.92   | 0.006  |
| 1360621   | 5.1    | 9.7    | 11     | 1.5    | 2      | 0.4    | 159   | 0.28   | 0.165 | 25     | 35     | 1.18   | 45     | 0.022  | 1     | 1.76   | 0.004  |
| 1360622   | 32.2   | 13.6   | 13     | 1.1    | 5.2    | 1.6    | 105   | 0.22   | 0.213 | 50     | 32     | 0.85   | 40     | 0.043  | 1     | 1.65   | 0.006  |
| 1360635   | 16     | 14.5   | 14     | 6.2    | 5      | 0.6    | 118   | 0.36   | 0.18  | 82     | 30     | 1.28   | 52     | 0.038  | 3     | 1.88   | 0.005  |
| 1360636   | 9.2    | 4.9    | 13     | 0.8    | 1.9    | 0.3    | 117   | 0.28   | 0.149 | 26     | 39     | 0.93   | 78     | 0.036  | 1     | 1.64   | 0.004  |
| 1360637   | 3.1    | 0.7    | 8      | 0.6    | 1.1    | 0.3    | 108   | 0.09   | 0.09  | 11     | 37     | 0.66   | 66     | 0.041  | 2     | 1.88   | 0.004  |
| 1360638   | 5      | 2.6    | 11     | 0.6    | 3      | 0.9    | 72    | 0.11   | 0.088 | 15     | 31     | 0.59   | 101    | 0.033  | 0.5   | 1.81   | 0.006  |
| 1360639   | 0.25   | 0.7    | 3      | 0.7    | 2.2    | 0.05   | 164   | 0.12   | 0.036 | 3      | 67     | 3.16   | 22     | 0.063  | 0.5   | 2.93   | 0.001  |
| 1360640   | 1.9    | 1.6    | 6      | 0.4    | 1.5    | 0.2    | 113   | 0.12   | 0.053 | 10     | 30     | 0.96   | 49     | 0.045  | 1     | 1.87   | 0.004  |
| 1360641   | 0.25   | 2.1    | 6      | 1.8    | 7.1    | 0.1    | 260   | 0.31   | 0.059 | 6      | 62     | 3.09   | 33     | 0.195  | 4     | 4.29   | 0.005  |
| 1360642   | 2.3    | 2.4    | 5      | 0.8    | 3      | 0.3    | 114   | 0.09   | 0.045 | 9      | 33     | 1.47   | 65     | 0.037  | 2     | 2.57   | 0.003  |
| 1360644   | 2.3    | 2.9    | 10     | 0.8    | 1.9    | 0.5    | 61    | 0.32   | 0.267 | 42     | 8      | 0.21   | 189    | 0.002  | 5     | 0.68   | 0.001  |
| 1360645   | 8.9    | 8.7    | 10     | 0.8    | 10     | 2.1    | 221   | 0.04   | 0.164 | 12     | 45     | 0.92   | 126    | 0.014  | 0.5   | 2.15   | 0.034  |
| 1360648   | 2.8    | 1.7    | 7      | 0.3    | 1.4    | 0.3    | 65    | 0.08   | 0.042 | 9      | 37     | 0.41   | 65     | 0.021  | 1     | 1.49   | 0.004  |
| 1360649   | 4.2    | 2.1    | 8      | 0.5    | 1.3    | 0.3    | 65    | 0.11   | 0.047 | 9      | 39     | 0.4    | 68     | 0.026  | 0.5   | 1.66   | 0.004  |
| 1360650   | 12.9   | 0.5    | 14     | 72.2   | 18.3   | 0.5    | 30    | 5.42   | 0.037 | 2      | 13     | 0.25   | 33     | 0.016  | 1     | 0.75   | 0.004  |
| 1360650   | 18.1   | 0.6    | 16     | 78.3   | 20     | 0.5    | 34    | 6.13   | 0.042 | 3      | 15     | 0.27   | 36     | 0.019  | 2     | 0.81   | 0.005  |
| 1360652   | 3.2    | 2.8    | 9      | 0.7    | 1.4    | 0.2    | 53    | 0.11   | 0.042 | 10     | 30     | 0.51   | 81     | 0.027  | 0.5   | 1.67   | 0.005  |
| 1360653   | 4.8    | 3.1    | 11     | 1.4    | 2.8    | 0.3    | 62    | 0.17   | 0.069 | 8      | 28     | 0.75   | 70     | 0.032  | 1     | 1.98   | 0.005  |
| 1360654   | 1.6    | 2.1    | 7      | 0.9    | 1.4    | 0.3    | 65    | 0.15   | 0.036 | 9      | 25     | 0.39   | 96     | 0.026  | 0.5   | 1.55   | 0.005  |
| 1360655   | 2.4    | 0.4    | 7      | 1.3    | 1.7    | 0.05   | 144   | 0.55   | 0.023 | 4      | 26     | 0.33   | 111    | 0.001  | 11    | 0.69   | 0.002  |
| 1360656   | 3      | 2.3    | 8      | 0.7    | 1.8    | 0.4    | 75    | 0.18   | 0.037 | 9      | 27     | 0.54   | 97     | 0.032  | 1     | 1.6    | 0.004  |
| 1360657   | 4.2    | 1.8    | 10     | 1.7    | 1.1    | 0.2    | 99    | 0.5    | 0.051 | 10     | 35     | 0.47   | 179    | 0.01   | 3     | 1.31   | 0.004  |
| 1360658   | 5.4    | 1.3    | 7      | 4      | 1.9    | 0.2    | 109   | 0.26   | 0.051 | 7      | 42     | 1.32   | 78     | 0.019  | 2     | 1.93   | 0.004  |
| 1360659   | 1.8    | 0.9    | 7      | 0.5    | 1.4    | 0.3    | 79    | 0.11   | 0.037 | 8      | 28     | 0.39   | 64     | 0.041  | 1     | 1.14   | 0.003  |
| 1360659   | 1.5    | 0.9    | 8      | 0.6    | 1.4    | 0.3    | 80    | 0.11   | 0.038 | 9      | 29     | 0.4    | 64     | 0.044  | 0.5   | 1.16   | 0.003  |
| 1360660   | 3.2    | 1.4    | 9      | 4      | 1.8    | 0.3    | 80    | 0.26   | 0.052 | 11     | 33     | 0.86   | 88     | 0.027  | 3     | 1.76   | 0.006  |
| 1360661   | 3.9    | 0.9    | 10     | 2.3    | 1.3    | 0.3    | 95    | 0.36   | 0.075 | 9      | 36     | 0.87   | 88     | 0.032  | 3     | 1.64   | 0.005  |
| 1360662   | 8      | 1.7    | 9      | 2.6    | 1.9    | 0.3    | 88    | 0.34   | 0.046 | 9      | 35     | 0.99   | 89     | 0.031  | 2     | 1.62   | 0.006  |
| 1360663   | 2.7    | 1.1    | 12     | 4.4    | 1.9    | 0.4    | 85    | 0.65   | 0.097 | 11     | 39     | 0.68   | 138    | 0.022  | 2     | 1.68   | 0.006  |
| 1363843   | 1.7    | 1.8    | 5      | 1      | 3.2    | 0.5    | 36    | 0.14   | 0.098 | 24     | 21     | 0.46   | 134    | 0.011  | 3     | 1.2    | 0.003  |
| 1363844   | 9.8    | 4.2    | 8      | 3.9    | 8.5    | 0.9    | 45    | 0.86   | 0.088 | 26     | 18     | 0.82   | 95     | 0.009  | 4     | 1.1    | 0.01   |
| 1363845   | 2.4    | 3.7    | 6      | 0.7    | 3.5    | 0.6    | 27    | 1.47   | 0.068 | 24     | 12     | 1.08   | 77     | 0.007  | 4     | 0.76   | 0.003  |
| 1363846   | 4.2    | 4.2    | 7      | 5      | 3.5    | 0.5    | 29    | 0.33   | 0.088 | 33     | 15     | 0.5    | 107    | 0.012  | 3     | 0.93   | 0.003  |
| 1363847   | 2.2    | 2.9    | 5      | 0.7    | 3.1    | 0.4    | 27    | 0.17   | 0.078 | 31     | 14     | 0.42   | 103    | 0.009  | 2     | 0.89   | 0.002  |
| 1363848   | 4      | 2.4    | 8      | 1.2    | 3.2    | 0.6    | 49    | 0.24   | 0.068 | 22     | 25     | 0.62   | 123    | 0.018  | 2     | 1.29   | 0.004  |
| 1363849   | 2.4    | 1.1    | 8      | 0.5    | 2.3    | 0.4    | 51    | 0.41   | 0.109 | 18     | 25     | 0.49   | 119    | 0.013  | 3     | 1.26   | 0.003  |
| 1363850   | 3.3    | 2.5    | 6      | 1.1    | 6      | 1.3    | 26    | 0.36   | 0.103 | 32     | 15     | 0.36   | 178    | 0.007  | 2     | 1.05   | 0.002  |
| 1363852   | 5.8    | 2.2    | 10     | 1.1    | 8.7    | 0.6    | 35    | 0.4    | 0.106 | 20     | 17     | 0.4    | 99     | 0.01   | 2     | 0.86   | 0.004  |
| 1363852   | 5.3    | 2.2    | 10     | 1      | 8.5    | 0.6    | 36    | 0.39   | 0.11  | 20     | 17     | 0.41   | 99     | 0.01   | 2     | 0.86   | 0.005  |
| 1363860   | 5.6    | 4.4    | 9      | 0.8    | 3.5    | 0.6    | 36    | 0.33   | 0.089 | 27     | 17     | 0.55   | 127    | 0.013  | 2     | 0.97   | 0.004  |

| sample_id | k_pct | w_ppm | hg_ppm | sc_ppm | tl_ppm | s_pct | ga_ppm | se_ppm | te_ppm | analysis | job_number  | colour          | moisture |
|-----------|-------|-------|--------|--------|--------|-------|--------|--------|--------|----------|-------------|-----------------|----------|
| 1360624   | 0.03  | 0.1   | 0.05   | 13.6   | 0.1    | 0.025 | 10     | 0.25   | 0.1    | 1DX15    | DAW12000288 | Grey            | Wet      |
| 1360625   | 0.03  | 0.2   | 0.06   | 15.3   | 0.1    | 0.025 | 9      | 1.3    | 0.1    | 1DX15    | DAW12000288 | Grey            | Wet      |
| 1262934   | 0.04  | 0.2   | 0.08   | 10.6   | 0.2    | 0.025 | 7      | 0.6    | 0.1    | 1DX15    | DAW12000288 | Grey            | Damp     |
| 1262935   | 0.03  | 0.2   | 0.05   | 5.9    | 0.05   | 0.025 | 6      | 0.7    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360619   | 0.04  | 0.1   | 1.35   | 24.9   | 0.1    | 0.15  | 8      | 5.3    | 0.1    | 1DX15    | DAW12000288 | Reddish Brown   | Damp     |
| 1360620   | 0.03  | 0.1   | 0.05   | 4.3    | 0.1    | 0.025 | 7      | 1      | 0.1    | 1DX15    | DAW12000288 | Grey            | Damp     |
| 1360621   | 0.03  | 0.2   | 0.06   | 5.9    | 0.1    | 0.025 | 8      | 1.2    | 0.1    | 1DX15    | DAW12000288 | Grey            | Damp     |
| 1360622   | 0.06  | 0.5   | 0.33   | 6.2    | 0.1    | 0.06  | 6      | 9.7    | 0.9    | 1DX15    | DAW12000288 | Dark Grey Black | Damp     |
| 1360635   | 0.06  | 0.3   | 0.21   | 9.4    | 0.3    | 0.025 | 8      | 8.1    | 0.7    | 1DX15    | DAW12000288 | Grey            | Damp     |
| 1360636   | 0.04  | 0.3   | 0.05   | 5.5    | 0.1    | 0.025 | 6      | 0.6    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360637   | 0.04  | 0.2   | 0.07   | 3.6    | 0.2    | 0.025 | 6      | 0.9    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360638   | 0.05  | 0.2   | 0.06   | 3.2    | 0.2    | 0.025 | 5      | 2.6    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360639   | 0.01  | 0.05  | 0.005  | 12.3   | 0.05   | 0.025 | 9      | 2.9    | 0.1    | 1DX15    | DAW12000288 | Reddish Yellow  | Damp     |
| 1360640   | 0.03  | 0.2   | 0.04   | 3.8    | 0.05   | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360641   | 0.03  | 0.05  | 0.06   | 17     | 0.1    | 0.025 | 13     | 0.8    | 0.1    | 1DX15    | DAW12000288 | Grey            | Damp     |
| 1360642   | 0.03  | 0.1   | 0.04   | 5.8    | 0.2    | 0.025 | 7      | 0.7    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360644   | 0.08  | 0.05  | 0.11   | 24.5   | 0.3    | 0.025 | 2      | 0.8    | 0.1    | 1DX15    | DAW12000288 | Reddish Brown   | Damp     |
| 1360645   | 0.11  | 0.3   | 0.01   | 4.2    | 0.2    | 0.31  | 10     | 6.9    | 0.4    | 1DX15    | DAW12000288 | Grey            | Damp     |
| 1360648   | 0.04  | 0.2   | 0.04   | 2.2    | 0.1    | 0.025 | 6      | 0.6    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360649   | 0.03  | 0.2   | 0.05   | 2.4    | 0.1    | 0.025 | 6      | 0.8    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360650   | 0.01  | 0.1   | 4.24   | 1.7    | 0.2    | 0.09  | 3      | 3.1    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360650   | 0.02  | 0.1   | 4.56   | 1.7    | 0.2    | 0.18  | 3      | 3.4    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360652   | 0.03  | 0.2   | 0.05   | 2.9    | 0.1    | 0.025 | 5      | 0.8    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360653   | 0.03  | 0.2   | 0.05   | 3.8    | 0.1    | 0.025 | 4      | 1      | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360654   | 0.04  | 0.2   | 0.05   | 2.8    | 0.1    | 0.025 | 6      | 0.6    | 0.1    | 1DX15    | DAW12000288 | Chocolate Brown | Damp     |
| 1360655   | 0.11  | 0.05  | 0.04   | 61.1   | 0.2    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Reddish Brown   | Damp     |
| 1360656   | 0.03  | 0.2   | 0.04   | 3.7    | 0.2    | 0.025 | 6      | 0.6    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360657   | 0.04  | 0.2   | 0.1    | 19.8   | 0.1    | 0.025 | 4      | 0.6    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360658   | 0.03  | 0.05  | 0.11   | 14     | 0.05   | 0.025 | 6      | 0.6    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360659   | 0.04  | 0.2   | 0.04   | 2.5    | 0.05   | 0.025 | 6      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360659   | 0.05  | 0.2   | 0.04   | 2.5    | 0.1    | 0.05  | 7      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360660   | 0.04  | 0.2   | 0.05   | 5.6    | 0.2    | 0.025 | 5      | 0.9    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360661   | 0.04  | 0.2   | 0.05   | 4.9    | 0.1    | 0.025 | 6      | 0.8    | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1360662   | 0.04  | 0.1   | 0.09   | 6      | 0.1    | 0.025 | 5      | 0.6    | 0.1    | 1DX15    | DAW12000288 | Grey            | Dry      |
| 1360663   | 0.05  | 0.1   | 0.05   | 5.9    | 0.1    | 0.08  | 6      | 0.25   | 0.1    | 1DX15    | DAW12000288 | Dark Brown      | Damp     |
| 1363843   | 0.12  | 0.05  | 0.03   | 3.2    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363844   | 0.16  | 0.2   | 0.23   | 4.8    | 0.3    | 0.09  | 3      | 2      | 0.3    | 1DX15    | DAW12000287 | Light Brown     | Damp     |
| 1363845   | 0.14  | 0.05  | 0.08   | 4.8    | 0.2    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1363846   | 0.13  | 0.05  | 0.08   | 6      | 0.2    | 0.025 | 2      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |
| 1363847   | 0.13  | 0.05  | 0.08   | 4.7    | 0.2    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |
| 1363848   | 0.1   | 0.1   | 0.03   | 4.6    | 0.2    | 0.025 | 4      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |
| 1363849   | 0.1   | 0.1   | 0.03   | 3.2    | 0.2    | 0.06  | 4      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Grey            | Damp     |
| 1363850   | 0.09  | 0.05  | 0.08   | 4.3    | 0.2    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363852   | 0.1   | 0.2   | 0.13   | 3.9    | 0.2    | 0.025 | 2      | 1.3    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363852   | 0.1   | 0.2   | 0.11   | 3.9    | 0.2    | 0.025 | 2      | 1.1    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363860   | 0.13  | 0.1   | 0.05   | 5.3    | 0.2    | 0.025 | 3      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Light Brown     | Damp     |

| sample_id | site_slope       | depth | horizon | site_veget    | ground_cov      | quality   | note1           | note2           |
|-----------|------------------|-------|---------|---------------|-----------------|-----------|-----------------|-----------------|
| 1360624   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Quartz Chips    |
| 1360625   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Quartz Chips    |
| 1262934   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Quartz Chips    |
| 1262935   | Pronounced Slope | 20    | C       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Rocky Terrain   |
| 1360619   | Pronounced Slope | 20    | C       | No Tree Cover | Rock Cover      | Excellent | Quartz Chips    | Rusty Rock Chip |
| 1360620   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Quartz Chips    |
| 1360621   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Quartz Chips    |
| 1360622   | Pronounced Slope | 5     | C       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Sandy           |
| 1360635   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Coarse          | Rusty Rock Chip |
| 1360636   | Pronounced Slope | 50    | C       | No Tree Cover | Reindeer Moss   | Good      | Rusty Rock Chip | Rocky Sample    |
| 1360637   | Pronounced Slope | 50    | B       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Rocky Sample    |
| 1360638   | Subtle Slope     | 50    | B       | No Tree Cover | Thin Moss Cover | Good      | Rusty Rock Chip | Quartz Chips    |
| 1360639   | Subtle Slope     | 40    | C       | No Tree Cover | Thin Moss Cover | Excellent | Rusty Rock Chip | Quartz Chips    |
| 1360640   | Subtle Slope     | 30    | B       | No Tree Cover | Thin Moss Cover | Good      | Rusty Rock Chip | Rocky Terrain   |
| 1360641   | Subtle Slope     | 40    | C       | No Tree Cover | Thin Moss Cover | Excellent | Coarse          | Rusty Rock Chip |
| 1360642   | Subtle Slope     | 40    | C       | No Tree Cover | Thin Moss Cover | Excellent | Coarse          | Rusty Rock Chip |
| 1360644   | Subtle Slope     | 70    | C       | No Tree Cover | Thin Moss Cover | Excellent | Rusty Rock Chip | Coarse          |
| 1360645   | Subtle Slope     | 50    | C       | No Tree Cover | Thin Moss Cover | Excellent | Rusty Rock Chip | Coarse          |
| 1360648   | Flat             | 30    | B       | No Tree Cover | Thin Moss Cover | Good      | Rusty Rock Chip | Sandy           |
| 1360649   | Subtle Slope     | 40    | B       | Willows       | Thin Moss Cover | Good      | Rusty Rock Chip | Sandy           |
| 1360650   | Flat             | 10    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Quartz Chips    |
| 1360650   | Flat             | 10    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Quartz Chips    |
| 1360652   | Subtle Slope     | 30    | C       | No Tree Cover | Thin Moss Cover | Excellent | Coarse          | Rusty Rock Chip |
| 1360653   | Pronounced Slope | 30    | C       | Willows       | Rock Cover      | Good      | Rusty Rock Chip | Quartz Chips    |
| 1360654   | Subtle Slope     | 40    | B       | No Tree Cover | Thin Moss Cover | Good      | Rusty Rock Chip |                 |
| 1360655   | Subtle Slope     | 60    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Quartz Chips    |
| 1360656   | Pronounced Slope | 30    | B       | No Tree Cover | Thin Moss Cover | Good      | Sandy           | Rusty Rock Chip |
| 1360657   | Subtle Slope     | 50    | C       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Dull Red Rust   |
| 1360658   | Pronounced Slope | 30    | C       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Coarse          |
| 1360659   | Pronounced Slope | 20    | B       | No Tree Cover | Thin Moss Cover | Good      | Rusty Rock Chip | Quartz Chips    |
| 1360659   | Pronounced Slope | 20    | B       | No Tree Cover | Thin Moss Cover | Good      | Rusty Rock Chip | Quartz Chips    |
| 1360660   | Subtle Slope     | 30    | C       | No Tree Cover | Thin Moss Cover | Good      | Rusty Rock Chip | Quartz Chips    |
| 1360661   | Pronounced Slope | 40    | C       | Dwarf Birch   | Thin Moss Cover | Good      | Rusty Rock Chip | Quartz Chips    |
| 1360662   | Pronounced Slope | 50    | C       | Dwarf Birch   | Thin Moss Cover | Good      | Rusty Rock Chip | Dull Red Rust   |
| 1360663   | Pronounced Slope | 30    | B       | Dwarf Birch   | Thin Moss Cover | Good      | Rusty Rock Chip | Rocky Terrain   |
| 1363843   | Subtle Slope     | 90    | B       | No Tree Cover | Grass Cover     | Good      | Coarse          | Rusty Rock Chip |
| 1363844   | Pronounced Slope | 70    | C       | Willows       | Grass Cover     | Good      | Coarse          | Rusty Rock Chip |
| 1363845   | Pronounced Slope | 90    | C       | Willows       | Grass Cover     | Good      | Coarse          | Rusty Rock Chip |
| 1363846   | Pronounced Slope | 100   | B       | Willows       | Grass Cover     | Good      | Coarse          | Sandy           |
| 1363847   | Pronounced Slope | 110   | B       | Willows       | Grass Cover     | Good      | Rusty Rock Chip | Sandy           |
| 1363848   | Pronounced Slope | 90    | B       | No Tree Cover | Grass Cover     | Good      | Rusty Rock Chip | Sandy           |
| 1363849   | Pronounced Slope | 80    | B       | No Tree Cover | Grass Cover     | Good      | Coarse          | Rusty Rock Chip |
| 1363850   | Subtle Slope     | 80    | B       | No Tree Cover | Grass Cover     | Good      | Coarse          | Rusty Rock Chip |
| 1363852   | Pronounced Slope | 60    | B       | No Tree Cover | Grass Cover     | Good      | Coarse          | Rocky Terrain   |
| 1363852   | Pronounced Slope | 60    | B       | No Tree Cover | Grass Cover     | Good      | Coarse          | Rocky Terrain   |
| 1363860   | Pronounced Slope | 100   | C       | No Tree Cover | Grass Cover     | Good      | Coarse          | Clay            |

| sample_id | utm_zone   | utm_eastin | utm_northi | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|-----------|------------|------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1363861   | NAD 83 -Z8 | 563874     | 7140751    | 2.9    | 47.5   | 156.8  | 286    | 1.3    | 36.6   | 16.3   | 2019   | 4.07   | 22.9   | 0.8   |
| 1363862   | NAD 83 -Z8 | 563825     | 7140736    | 3.6    | 128.7  | 656.4  | 1996   | 5.2    | 32.9   | 18.3   | 5715   | 6.11   | 60.4   | 1.1   |
| 1363863   | NAD 83 -Z8 | 563775     | 7140726    | 5.3    | 91.7   | 1592.3 | 4851   | 16.9   | 37.2   | 21.3   | 7593   | 6.67   | 63.1   | 1.4   |
| 1363864   | NAD 83 -Z8 | 563723     | 7140721    | 13.7   | 147.9  | 1553   | 10000  | 11.4   | 67.8   | 29.1   | 8511   | 7.72   | 236.4  | 1.9   |
| 1363865   | NAD 83 -Z8 | 563673     | 7140713    | 1.3    | 39.2   | 1600.7 | 4085   | 11     | 29.1   | 12.3   | 9500   | 5.44   | 18.6   | 0.7   |
| 1363866   | NAD 83 -Z8 | 563623     | 7140705    | 3.5    | 65.9   | 1608.2 | 1562   | 10.2   | 35.5   | 17.7   | 5147   | 5.27   | 36.8   | 0.9   |
| 1363867   | NAD 83 -Z8 | 563573     | 7140709    | 1      | 26.2   | 658.9  | 1025   | 5.4    | 21.6   | 10.4   | 4926   | 4.97   | 14     | 0.6   |
| 1363868   | NAD 83 -Z8 | 563539     | 7140747    | 0.3    | 11     | 259.9  | 350    | 1.7    | 9.2    | 5.4    | 4370   | 3.03   | 5.6    | 0.2   |
| 1363868   | NAD 83 -Z8 | 563539     | 7140747    | 0.3    | 11.5   | 261.8  | 337    | 1.7    | 9.3    | 5.2    | 4092   | 2.97   | 5.8    | 0.2   |
| 1363869   | NAD 83 -Z8 | 563512     | 7140789    | 0.4    | 14.5   | 264.6  | 365    | 2.2    | 11.7   | 6.3    | 4140   | 4.02   | 13.5   | 0.4   |
| 1363870   | NAD 83 -Z8 | 563482     | 7140829    | 0.7    | 22.3   | 297.1  | 529    | 1.8    | 21.3   | 12.3   | 5578   | 3.8    | 18     | 0.6   |
| 1363871   | NAD 83 -Z8 | 563456     | 7140871    | 0.7    | 32.3   | 553    | 475    | 1.9    | 20     | 12.1   | 2985   | 3.16   | 19     | 0.6   |
| 1363872   | NAD 83 -Z8 | 563434     | 7140915    | 0.6    | 19     | 865.3  | 1130   | 5.6    | 13.9   | 7.9    | 6269   | 4.3    | 11.8   | 0.7   |
| 1363873   | NAD 83 -Z8 | 563396     | 7140948    | 0.7    | 23.5   | 396    | 357    | 2      | 24     | 13.5   | 4441   | 5.14   | 20     | 0.7   |
| 1363874   | NAD 83 -Z8 | 563366     | 7140989    | 0.5    | 13.4   | 119.2  | 321    | 0.8    | 17.9   | 13.4   | 5101   | 3.95   | 17.1   | 0.5   |
| 1363875   | NAD 83 -Z8 | 563366     | 7140989    | 0.5    | 16.6   | 170    | 486    | 1.1    | 19.2   | 12.3   | 5617   | 4.92   | 21.4   | 0.6   |
| 1363876   | NAD 83 -Z8 | 563329     | 7141022    | 0.9    | 30.8   | 653.1  | 659    | 2.6    | 24.5   | 17.2   | 3980   | 4.45   | 30.6   | 0.9   |
| 1360156   | NAD 83 -Z8 | 565912     | 7140874    | 2.7    | 184.4  | 88     | 238    | 0.2    | 40.2   | 27.1   | 2726   | 5.48   | 29.2   | 1.3   |
| 1360158   | NAD 83 -Z8 | 565923     | 7140996    | 2.8    | 340.7  | 1854.6 | 3964   | 2.2    | 115.5  | 110.7  | 5125   | 11.76  | 47.9   | 4.3   |
| 1360160   | NAD 83 -Z8 | 565973     | 7141007    | 2.2    | 91.5   | 423.3  | 1491   | 0.5    | 52.8   | 46.2   | 1687   | 5.6    | 42.8   | 1.7   |
| 1360161   | NAD 83 -Z8 | 566001     | 7141048    | 50.1   | 438    | 340.1  | 714    | 0.6    | 104.7  | 181    | 1153   | 8.94   | 49.4   | 7.4   |
| 1360162   | NAD 83 -Z8 | 566044     | 7141070    | 3.3    | 296.3  | 868.5  | 964    | 1.5    | 65     | 77.8   | 582    | 4.88   | 70.9   | 4.5   |
| 1360163   | NAD 83 -Z8 | 566094     | 7141064    | 1.2    | 294.2  | 63.3   | 243    | 0.2    | 41.7   | 37.6   | 1315   | 4.52   | 17.1   | 1.1   |
| 1360164   | NAD 83 -Z8 | 566141     | 7141078    | 2.3    | 326.9  | 38.4   | 241    | 0.2    | 57.1   | 49.3   | 977    | 4.36   | 27.3   | 0.9   |
| 1360165   | NAD 83 -Z8 | 566191     | 7141071    | 4.1    | 202.7  | 46.9   | 753    | 0.5    | 136.1  | 136.4  | 10000  | 14.21  | 116.8  | 2.3   |
| 1360168   | NAD 83 -Z8 | 566242     | 7141071    | 1.4    | 308.3  | 208.4  | 377    | 0.5    | 59     | 48     | 4483   | 7.31   | 35.4   | 1.2   |
| 1360167   | NAD 83 -Z8 | 566291     | 7141077    | 9.3    | 202.9  | 82.7   | 608    | 0.3    | 114.3  | 123.8  | 3780   | 6.79   | 136.8  | 3.1   |
| 1360169   | NAD 83 -Z8 | 566340     | 7141092    | 1.5    | 440.2  | 19.9   | 264    | 0.5    | 33.3   | 66.4   | 4979   | 9.47   | 38.5   | 1.1   |
| 1360170   | NAD 83 -Z8 | 566389     | 7141103    | 1.4    | 552.4  | 45.7   | 256    | 0.5    | 37.3   | 64.3   | 2860   | 7.1    | 29.2   | 1.1   |
| 1360172   | NAD 83 -Z8 | 566423     | 7141066    | 1.2    | 753.7  | 45.2   | 388    | 0.7    | 25.4   | 60.6   | 1715   | 7.54   | 17.3   | 0.5   |
| 1360173   | NAD 83 -Z8 | 566414     | 7141016    | 1.7    | 1318.9 | 66.2   | 280    | 0.8    | 27.8   | 65     | 1008   | 6.27   | 17.7   | 0.7   |
| 1360175   | NAD 83 -Z8 | 567972     | 7140796    | 6.1    | 71.1   | 28.5   | 138    | 0.7    | 51     | 15.5   | 940    | 3.82   | 25     | 1.2   |
| 1360176   | NAD 83 -Z8 | 567972     | 7140796    | 4.6    | 55.5   | 23.5   | 82     | 0.6    | 35.7   | 13.7   | 1142   | 2.87   | 17     | 1.2   |
| 1360177   | NAD 83 -Z8 | 567921     | 7140799    | 6.1    | 68     | 19.3   | 96     | 0.4    | 34.8   | 13.8   | 621    | 3.59   | 19.7   | 1.2   |
| 1360178   | NAD 83 -Z8 | 567872     | 7140804    | 3.4    | 50     | 26.2   | 120    | 0.1    | 31     | 19.4   | 648    | 3.77   | 19.3   | 1.1   |
| 1360179   | NAD 83 -Z8 | 567822     | 7140808    | 5.3    | 126.6  | 94.4   | 1049   | 0.5    | 70.7   | 54.5   | 1346   | 7.31   | 30     | 3.6   |
| 1360180   | NAD 83 -Z8 | 567772     | 7140812    | 3.4    | 44.6   | 68.4   | 339    | 0.05   | 27.1   | 19.4   | 881    | 4.56   | 18.4   | 1.3   |
| 1360181   | NAD 83 -Z8 | 567722     | 7140816    | 3.6    | 163.5  | 89.3   | 462    | 0.6    | 40.5   | 27.9   | 1210   | 4.76   | 31.8   | 10.5  |
| 1360182   | NAD 83 -Z8 | 567676     | 7140810    | 6.9    | 51.6   | 23.9   | 184    | 0.3    | 29.2   | 11.5   | 517    | 3.33   | 21.6   | 2.7   |
| 1360183   | NAD 83 -Z8 | 567622     | 7140826    | 8.4    | 80     | 25.3   | 123    | 0.7    | 32     | 10.7   | 372    | 3.32   | 18.6   | 9.6   |
| 1360665   | NAD 83 -Z8 | 565843     | 7141007    | 1.3    | 1211   | 3069   | 8280   | 7.4    | 89.5   | 359.1  | 4156   | 14.34  | 54.9   | 1.4   |
| 1360666   | NAD 83 -Z8 | 565843     | 7140977    | 6.4    | 86.3   | 326.1  | 5198   | 1      | 97.5   | 61.4   | 10000  | 13.36  | 254.7  | 2.3   |
| 1360667   | NAD 83 -Z8 | 565834     | 7140958    | 1.7    | 88.9   | 148.6  | 494    | 0.2    | 45.9   | 50.6   | 779    | 3.47   | 50     | 1.2   |
| 1360668   | NAD 83 -Z8 | 565819     | 7140909    | 2.6    | 159.5  | 225.1  | 1178   | 0.9    | 48.7   | 38.4   | 1878   | 4.96   | 58.3   | 1.9   |
| 1360669   | NAD 83 -Z8 | 565789     | 7140865    | 2.5    | 133    | 219.8  | 1215   | 1.2    | 34.3   | 35.7   | 7936   | 16.97  | 55.4   | 1.6   |
| 1360670   | NAD 83 -Z8 | 565757     | 7140824    | 1.8    | 83.3   | 252.1  | 507    | 0.6    | 44.3   | 36.8   | 3270   | 6.57   | 59.5   | 1.5   |

| sample_id | au_ppb | th_ppm | 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 |
|-----------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1363861   | 2.7    | 3.8    | 7      | 1.7    | 3.7    | 0.5    | 35    | 0.35   | 0.069 | 25     | 17     | 0.49   | 113    | 0.014  | 3     | 0.96   | 0.004  |
| 1363862   | 5      | 1.6    | 10     | 11.7   | 15.3   | 1.3    | 29    | 1.08   | 0.129 | 18     | 13     | 0.62   | 202    | 0.008  | 5     | 0.82   | 0.003  |
| 1363863   | 7.2    | 2.8    | 11     | 33.2   | 29.6   | 2.7    | 19    | 1.79   | 0.103 | 15     | 8      | 1      | 97     | 0.005  | 4     | 0.52   | 0.004  |
| 1363864   | 5.3    | 3.2    | 11     | 54.5   | 28.3   | 6.9    | 39    | 2.16   | 0.083 | 10     | 8      | 1.16   | 69     | 0.005  | 3     | 0.5    | 0.004  |
| 1363865   | 3.1    | 2.3    | 22     | 18.3   | 14.8   | 1.7    | 11    | 5.19   | 0.066 | 10     | 5      | 2.25   | 56     | 0.004  | 4     | 0.36   | 0.005  |
| 1363866   | 4.3    | 4.5    | 10     | 10     | 16.2   | 0.9    | 27    | 1.62   | 0.056 | 18     | 12     | 1.17   | 94     | 0.01   | 2     | 0.69   | 0.004  |
| 1363867   | 4.2    | 2      | 9      | 4.8    | 5.5    | 0.4    | 24    | 1.38   | 0.08  | 21     | 11     | 0.88   | 113    | 0.013  | 2     | 0.74   | 0.004  |
| 1363868   | 1.6    | 0.7    | 10     | 2.8    | 2.4    | 0.2    | 9     | 3.91   | 0.05  | 10     | 4      | 2.04   | 69     | 0.004  | 3     | 0.22   | 0.004  |
| 1363868   | 1      | 0.6    | 9      | 2.6    | 2.3    | 0.2    | 8     | 3.72   | 0.048 | 10     | 4      | 1.95   | 71     | 0.004  | 2     | 0.22   | 0.004  |
| 1363869   | 0.8    | 0.9    | 11     | 2.2    | 3.1    | 0.4    | 10    | 4.06   | 0.085 | 14     | 6      | 2.27   | 81     | 0.004  | 4     | 0.3    | 0.005  |
| 1363870   | 2.4    | 1.8    | 17     | 2.4    | 3.8    | 0.3    | 20    | 3.15   | 0.073 | 15     | 9      | 1.97   | 125    | 0.012  | 5     | 0.66   | 0.006  |
| 1363871   | 2.2    | 2.8    | 15     | 2.1    | 6.7    | 0.3    | 26    | 3.48   | 0.07  | 19     | 10     | 2.2    | 85     | 0.019  | 2     | 0.7    | 0.005  |
| 1363872   | 1.6    | 1.3    | 17     | 6.7    | 7.2    | 0.5    | 9     | 5.66   | 0.072 | 13     | 5      | 3.24   | 92     | 0.005  | 3     | 0.27   | 0.005  |
| 1363873   | 3      | 1.5    | 10     | 2      | 3.9    | 0.5    | 27    | 1.27   | 0.08  | 20     | 12     | 0.84   | 102    | 0.011  | 3     | 0.79   | 0.004  |
| 1363874   | 2.1    | 1.3    | 14     | 1.7    | 2.7    | 0.3    | 14    | 5.13   | 0.051 | 10     | 5      | 3.04   | 97     | 0.007  | 3     | 0.39   | 0.005  |
| 1363875   | 3.7    | 1.5    | 14     | 2.6    | 3.5    | 0.3    | 18    | 4.47   | 0.068 | 13     | 8      | 2.78   | 108    | 0.008  | 4     | 0.56   | 0.005  |
| 1363876   | 2.2    | 1.5    | 10     | 3.7    | 5.9    | 0.4    | 27    | 2.51   | 0.085 | 18     | 11     | 1.67   | 93     | 0.012  | 4     | 0.78   | 0.005  |
| 1360156   | 4.6    | 2      | 7      | 0.6    | 4.1    | 0.3    | 95    | 0.1    | 0.054 | 14     | 24     | 0.76   | 85     | 0.027  | 4     | 1.67   | 0.004  |
| 1360158   | 8.8    | 10.3   | 9      | 30.5   | 9.9    | 0.4    | 55    | 0.47   | 0.064 | 84     | 21     | 1      | 68     | 0.014  | 3     | 1.4    | 0.004  |
| 1360160   | 6      | 10.5   | 7      | 8.7    | 3.5    | 0.5    | 45    | 0.31   | 0.045 | 44     | 17     | 0.7    | 58     | 0.007  | 3     | 0.88   | 0.003  |
| 1360161   | 7.1    | 12.7   | 9      | 1.4    | 8.6    | 1.2    | 137   | 0.09   | 0.16  | 27     | 31     | 1.51   | 30     | 0.063  | 2     | 2.45   | 0.01   |
| 1360162   | 8.8    | 12.8   | 10     | 1.3    | 7.5    | 0.8    | 79    | 0.17   | 0.118 | 20     | 34     | 1.12   | 31     | 0.034  | 2     | 2.03   | 0.007  |
| 1360163   | 5.4    | 0.7    | 10     | 0.6    | 1.4    | 0.5    | 105   | 0.19   | 0.117 | 8      | 45     | 0.93   | 83     | 0.03   | 3     | 2.21   | 0.01   |
| 1360164   | 9.4    | 1.1    | 9      | 0.6    | 1.8    | 0.5    | 97    | 0.11   | 0.068 | 10     | 42     | 0.76   | 88     | 0.037  | 2     | 2.09   | 0.006  |
| 1360165   | 22.5   | 1.2    | 26     | 4.5    | 7.9    | 0.2    | 87    | 1.72   | 0.052 | 16     | 17     | 0.65   | 125    | 0.007  | 2     | 1.11   | 0.003  |
| 1360168   | 6.9    | 1.5    | 9      | 1.8    | 2.6    | 0.3    | 152   | 0.24   | 0.087 | 11     | 57     | 1.49   | 137    | 0.03   | 2     | 2.58   | 0.005  |
| 1360167   | 11.6   | 3.5    | 8      | 1.6    | 7.1    | 0.8    | 143   | 0.12   | 0.097 | 14     | 39     | 1.13   | 90     | 0.014  | 4     | 2.58   | 0.005  |
| 1360169   | 17.5   | 1.4    | 11     | 1      | 2.5    | 0.2    | 192   | 0.44   | 0.086 | 13     | 13     | 1.15   | 110    | 0.011  | 3     | 2.39   | 0.004  |
| 1360170   | 21.8   | 1.5    | 12     | 1.1    | 2.7    | 0.2    | 171   | 0.37   | 0.072 | 11     | 17     | 1.14   | 113    | 0.047  | 3     | 2.26   | 0.007  |
| 1360172   | 17.3   | 1.2    | 10     | 0.9    | 1.6    | 0.3    | 153   | 0.16   | 0.077 | 8      | 20     | 0.89   | 103    | 0.07   | 4     | 2.23   | 0.006  |
| 1360173   | 36.6   | 1.8    | 11     | 1.2    | 2.6    | 0.4    | 102   | 0.23   | 0.058 | 10     | 18     | 0.72   | 84     | 0.067  | 6     | 1.84   | 0.006  |
| 1360175   | 6      | 3.3    | 10     | 0.4    | 3.7    | 0.3    | 47    | 0.29   | 0.088 | 22     | 23     | 0.89   | 95     | 0.009  | 1     | 1.53   | 0.004  |
| 1360176   | 2.5    | 0.8    | 12     | 0.5    | 2.6    | 0.3    | 39    | 0.44   | 0.184 | 14     | 17     | 0.77   | 76     | 0.006  | 2     | 1.3    | 0.006  |
| 1360177   | 1      | 0.7    | 7      | 0.2    | 3      | 0.3    | 54    | 0.13   | 0.095 | 15     | 22     | 0.67   | 78     | 0.005  | 1     | 1.47   | 0.003  |
| 1360178   | 2.8    | 4.9    | 9      | 0.3    | 2.3    | 0.7    | 50    | 0.13   | 0.055 | 25     | 30     | 1.6    | 86     | 0.035  | 2     | 2.26   | 0.005  |
| 1360179   | 6.2    | 5.4    | 10     | 2.2    | 3.7    | 1.1    | 49    | 0.44   | 0.098 | 110    | 32     | 1.73   | 90     | 0.022  | 2     | 2.78   | 0.004  |
| 1360180   | 2      | 1.4    | 10     | 1      | 2.1    | 0.7    | 54    | 0.16   | 0.103 | 29     | 30     | 1.25   | 83     | 0.025  | 2     | 2.22   | 0.004  |
| 1360181   | 4.6    | 3.9    | 9      | 1.1    | 2.8    | 1.2    | 54    | 0.32   | 0.075 | 26     | 31     | 1.92   | 89     | 0.019  | 2     | 2.62   | 0.004  |
| 1360182   | 4      | 1.8    | 12     | 0.5    | 2.4    | 0.6    | 56    | 0.47   | 0.127 | 19     | 25     | 1.4    | 88     | 0.01   | 2     | 2.02   | 0.004  |
| 1360183   | 4.3    | 4.8    | 12     | 0.2    | 3.2    | 0.5    | 44    | 0.24   | 0.057 | 21     | 28     | 0.77   | 177    | 0.014  | 0.5   | 1.79   | 0.006  |
| 1360665   | 6      | 1.6    | 6      | 44     | 12     | 0.2    | 151   | 0.46   | 0.286 | 28     | 11     | 1.16   | 23     | 0.033  | 6     | 2.4    | 0.007  |
| 1360666   | 6.4    | 7      | 11     | 58.3   | 31.8   | 0.7    | 55    | 0.32   | 0.044 | 14     | 22     | 0.62   | 304    | 0.006  | 1     | 0.95   | 0.004  |
| 1360667   | 6.2    | 5.5    | 9      | 0.9    | 15.2   | 1.3    | 57    | 0.11   | 0.091 | 44     | 30     | 1.23   | 49     | 0.02   | 2     | 2.18   | 0.004  |
| 1360668   | 413.6  | 5.1    | 7      | 3.8    | 10.9   | 0.5    | 57    | 0.18   | 0.051 | 56     | 23     | 0.97   | 95     | 0.014  | 2     | 1.37   | 0.004  |
| 1360669   | 2.5    | 7.5    | 5      | 5.6    | 8.3    | 0.8    | 45    | 0.1    | 0.088 | 47     | 20     | 0.83   | 233    | 0.003  | 1     | 1.54   | 0.002  |
| 1360670   | 5      | 6.9    | 6      | 2.3    | 4.2    | 0.2    | 59    | 0.37   | 0.063 | 79     | 29     | 1.17   | 136    | 0.003  | 4     | 1.6    | 0.004  |

| sample_id | k_pct | w_ppm | hg_ppm | sc_ppm | tl_ppm | s_pct | ga_ppm | se_ppm | te_ppm | analysis | job_number  | colour          | moisture |
|-----------|-------|-------|--------|--------|--------|-------|--------|--------|--------|----------|-------------|-----------------|----------|
| 1363861   | 0.11  | 0.05  | 0.07   | 5.9    | 0.2    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363862   | 0.13  | 0.05  | 0.1    | 4.4    | 0.2    | 0.09  | 2      | 1.1    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363863   | 0.1   | 0.05  | 0.23   | 4.9    | 0.3    | 0.025 | 2      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363864   | 0.09  | 0.05  | 0.1    | 6.7    | 0.3    | 0.05  | 2      | 2      | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black | Damp     |
| 1363865   | 0.05  | 0.05  | 0.1    | 3.7    | 0.2    | 0.025 | 1      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363866   | 0.09  | 0.1   | 0.12   | 6.1    | 0.2    | 0.025 | 2      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363867   | 0.05  | 0.1   | 0.09   | 4.4    | 0.05   | 0.025 | 2      | 0.5    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363868   | 0.02  | 0.05  | 0.07   | 1.5    | 0.05   | 0.025 | 0.5    | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363868   | 0.02  | 0.05  | 0.07   | 1.5    | 0.05   | 0.025 | 0.5    | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363869   | 0.04  | 0.05  | 0.07   | 2.3    | 0.05   | 0.06  | 0.5    | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363870   | 0.09  | 0.05  | 0.06   | 2.8    | 0.2    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363871   | 0.08  | 0.1   | 0.06   | 3.1    | 0.2    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363872   | 0.03  | 0.05  | 0.12   | 2.7    | 0.05   | 0.025 | 0.5    | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363873   | 0.07  | 0.1   | 0.1    | 3.5    | 0.2    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363874   | 0.05  | 0.05  | 0.05   | 2.4    | 0.2    | 0.06  | 1      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363875   | 0.06  | 0.05  | 0.04   | 2.8    | 0.2    | 0.025 | 2      | 0.9    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1363876   | 0.13  | 0.05  | 0.04   | 3.1    | 0.3    | 0.09  | 2      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360156   | 0.05  | 0.2   | 0.03   | 5.4    | 0.2    | 0.025 | 6      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360158   | 0.06  | 0.1   | 0.22   | 23.2   | 0.8    | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Dry      |
| 1360160   | 0.07  | 0.1   | 0.04   | 9.5    | 0.2    | 0.06  | 4      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Dry      |
| 1360161   | 0.04  | 0.5   | 0.06   | 8.9    | 0.2    | 0.09  | 9      | 3      | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360162   | 0.05  | 0.3   | 0.19   | 6.3    | 0.2    | 0.025 | 7      | 1.5    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360163   | 0.04  | 0.1   | 0.06   | 4.5    | 0.2    | 0.12  | 7      | 1      | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360164   | 0.05  | 0.2   | 0.03   | 3.5    | 0.2    | 0.08  | 7      | 1.4    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360165   | 0.08  | 0.05  | 0.05   | 54.3   | 0.2    | 0.025 | 4      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360168   | 0.08  | 0.05  | 0.06   | 16.7   | 0.3    | 0.025 | 8      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360167   | 0.05  | 0.2   | 0.05   | 9.2    | 0.2    | 0.025 | 9      | 1.7    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360169   | 0.1   | 0.05  | 0.05   | 30.4   | 0.4    | 0.025 | 10     | 0.9    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360170   | 0.09  | 0.1   | 0.04   | 13.9   | 0.3    | 0.025 | 9      | 1      | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360172   | 0.07  | 0.05  | 0.04   | 8.1    | 0.3    | 0.08  | 10     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360173   | 0.05  | 0.2   | 0.05   | 5.5    | 0.2    | 0.06  | 7      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360175   | 0.1   | 0.05  | 0.11   | 4.1    | 0.3    | 0.025 | 4      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360176   | 0.08  | 0.05  | 0.11   | 2.7    | 0.3    | 0.15  | 3      | 1.2    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360177   | 0.06  | 0.05  | 0.07   | 1.6    | 0.4    | 0.09  | 4      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360178   | 0.12  | 0.2   | 0.03   | 4.1    | 0.3    | 0.025 | 7      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360179   | 0.12  | 0.1   | 0.08   | 7.8    | 0.3    | 0.06  | 6      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360180   | 0.12  | 0.2   | 0.05   | 2.8    | 0.2    | 0.025 | 7      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Damp     |
| 1360181   | 0.12  | 0.1   | 0.05   | 4.9    | 0.3    | 0.025 | 8      | 0.5    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Dry      |
| 1360182   | 0.13  | 0.05  | 0.05   | 3      | 0.3    | 0.025 | 6      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Dry      |
| 1360183   | 0.08  | 0.1   | 0.11   | 4.7    | 0.3    | 0.025 | 5      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown | Wet      |
| 1360665   | 0.03  | 0.05  | 0.66   | 19     | 0.2    | 0.12  | 12     | 4.9    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360666   | 0.04  | 0.05  | 0.09   | 13.7   | 0.8    | 0.025 | 4      | 0.9    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360667   | 0.04  | 0.2   | 0.03   | 4.4    | 0.2    | 0.025 | 7      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Dark Brown      | Damp     |
| 1360668   | 0.04  | 0.2   | 0.12   | 10.1   | 0.3    | 0.025 | 6      | 0.8    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1360669   | 0.03  | 0.2   | 0.12   | 21.1   | 0.4    | 0.025 | 5      | 1.7    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown   | Damp     |
| 1360670   | 0.04  | 0.1   | 0.04   | 14.7   | 0.2    | 0.025 | 7      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Reddish Yellow  | Damp     |

| sample_id | site_slope       | depth | horizon | site_veget    | ground_cov           | quality   | note1           | note2              |
|-----------|------------------|-------|---------|---------------|----------------------|-----------|-----------------|--------------------|
| 1363861   | Pronounced Slope | 110   | C       | Willows       | Grass Cover          | Excellent | Coarse          | Rusty Rock Chip    |
| 1363862   | Pronounced Slope | 60    | B       | No Tree Cover | Grass Cover          | Good      | Coarse          | Rocky Terrain      |
| 1363863   | Subtle Slope     | 50    | B       | No Tree Cover | Grass Cover          | Good      | Coarse          | Rocky Terrain      |
| 1363864   | Pronounced Slope | 90    | C       | No Tree Cover | Bare Soil            | Excellent | Coarse          | Bright Orange Rust |
| 1363865   | Pronounced Slope | 40    | B       | No Tree Cover | Thin Moss Cover      | Good      | Fine            | Rocky Terrain      |
| 1363866   | Pronounced Slope | 60    | B       | No Tree Cover | Grass Cover          | Good      | Fine            | Sandy              |
| 1363867   | Pronounced Slope | 70    | B       | Willows       | Grass Cover          | Good      | Coarse          | Rocky              |
| 1363868   | Pronounced Slope | 50    | B       | No Tree Cover | Rock Cover           | Good      | Fine            | Talus              |
| 1363868   | Pronounced Slope | 50    | B       | No Tree Cover | Rock Cover           | Good      | Fine            | Talus              |
| 1363869   | Pronounced Slope | 40    | B       | No Tree Cover | Rock Cover           | Good      | Fine            | Talus              |
| 1363870   | Pronounced Slope | 50    | B       | No Tree Cover | Thin Moss Cover      | Good      | Coarse          | Rocky Terrain      |
| 1363871   | Pronounced Slope | 60    | B       | No Tree Cover | Thin Moss Cover      | Good      | Coarse          | Rocky Terrain      |
| 1363872   | Steep            | 30    | B       | No Tree Cover | Rock Cover           | Good      | Coarse          | Outcrop Nearby     |
| 1363873   | Pronounced Slope | 40    | B       | No Tree Cover | Thin Moss Cover      | Good      | Coarse          | Rocky Terrain      |
| 1363874   | Pronounced Slope | 50    | B       | No Tree Cover | Rock Cover           | Good      | Coarse          | Sandy              |
| 1363875   | Pronounced Slope | 50    | B       | No Tree Cover | Rock Cover           | Good      | Coarse          | Sandy              |
| 1363876   | Pronounced Slope | 40    | B       | No Tree Cover | Thin Moss Cover      | Good      | Coarse          | Rocky Terrain      |
| 1360156   | Pronounced Slope | 30    | C       | No Tree Cover | Bare Soil            | Excellent | Rocky Terrain   | Rocky              |
| 1360158   | Steep            | 10    | C       | No Tree Cover | Bare Soil            | Excellent | Coarse          | Rocky Terrain      |
| 1360160   | Pronounced Slope | 30    | C       | No Tree Cover | Bare Soil            | Excellent | Coarse          | Rocky Terrain      |
| 1360161   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover           | Excellent | Coarse          | Talus              |
| 1360162   | Pronounced Slope | 30    | C       | No Tree Cover | Rock Cover           | Excellent | Coarse          | Talus              |
| 1360163   | Pronounced Slope | 40    | B       | No Tree Cover | Thin Moss Cover      | Poor      | Fine            | Talus              |
| 1360164   | Pronounced Slope | 40    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Talus           | Rocky              |
| 1360165   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover           | Excellent | Coarse          | Rocky Terrain      |
| 1360168   | Pronounced Slope | 20    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Rocky Terrain   |                    |
| 1360167   | Pronounced Slope | 40    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Coarse          | Rocky Terrain      |
| 1360169   | Pronounced Slope | 50    | C       | No Tree Cover | Grass Cover          | Excellent | Coarse          | Talus              |
| 1360170   | Pronounced Slope | 30    | C       | No Tree Cover | Bare Soil            | Excellent | Coarse          | Rocky Terrain      |
| 1360172   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover           | Excellent | Talus           | Rocky              |
| 1360173   | Steep            | 40    | C       | No Tree Cover | Bare Soil            | Excellent | Coarse          | Rocky Terrain      |
| 1360175   | Pronounced Slope | 50    | C       | No Tree Cover | Grass Cover          | Good      | Fine            | Rocky Terrain      |
| 1360176   | Pronounced Slope | 60    | C       | No Tree Cover | Grass Cover          | Good      | Fine            | Rocky Terrain      |
| 1360177   | Pronounced Slope | 50    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Fine            | Rocky Terrain      |
| 1360178   | Pronounced Slope | 60    | C       | No Tree Cover | Reindeer Moss        | Excellent | Rocky Terrain   | Rocky              |
| 1360179   | Pronounced Slope | 50    | C       | No Tree Cover | Thin Moss Cover      | Excellent | Rocky Terrain   | Bright Orange Rust |
| 1360180   | Pronounced Slope | 50    | C       | No Tree Cover | Grass Cover          | Good      | Fine            | Rocky Terrain      |
| 1360181   | Subtle Slope     | 80    | C       | No Tree Cover | Sphagnum Moss < 30cm | Excellent | Coarse          | Rocky Terrain      |
| 1360182   | Subtle Slope     | 50    | B       | No Tree Cover | Grass Cover          | Good      | Fine            | Bright Orange Rust |
| 1360183   | Flat             | 100   | C       | Willows       | Grass Cover          | Good      | Wet Soil        |                    |
| 1360665   | Subtle Slope     | 5     | C       | No Tree Cover | Rock Cover           | Excellent | Rusty Rock Chip | Rocky Terrain      |
| 1360666   | Pronounced Slope | 5     | C       | No Tree Cover | Rock Cover           | Excellent | Rusty Rock Chip | Quartz Chips       |
| 1360667   | Pronounced Slope | 5     | C       | No Tree Cover | Rock Cover           | Good      | Rusty Rock Chip | Rocky Terrain      |
| 1360668   | Pronounced Slope | 20    | C       | No Tree Cover | Rock Cover           | Excellent | Coarse          | Rusty Rock Chip    |
| 1360669   | Pronounced Slope | 20    | C       | No Tree Cover | Rock Cover           | Excellent | Dull Red Rust   | Rusty Rock Chip    |
| 1360670   | Pronounced Slope | 30    | C       | No Tree Cover | Rock Cover           | Excellent | Rusty Rock Chip | Rocky Terrain      |

| sample_id | utm_zone   | utm_eastin | utm_northi | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|-----------|------------|------------|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1360671   | NAD 83 -Z8 | 565732     | 7140779    | 0.2    | 156.6  | 26.9   | 232    | 0.4    | 124.8  | 77.9   | 1095   | 5.31   | 42.5   | 0.7   |
| 1360672   | NAD 83 -Z8 | 565703     | 7140736    | 11.5   | 148.5  | 1831.6 | 2192   | 3.9    | 60.7   | 50.5   | 3476   | 9.82   | 80.5   | 3.3   |
| 1360673   | NAD 83 -Z8 | 565674     | 7140695    | 2.7    | 99.2   | 409.8  | 836    | 0.8    | 46.6   | 54.4   | 1131   | 3.44   | 33.8   | 2.2   |
| 1360676   | NAD 83 -Z8 | 565643     | 7140657    | 3.6    | 111.1  | 125.6  | 205    | 1      | 65.9   | 50.7   | 10000  | 13.28  | 122.9  | 2.1   |
| 1360676   | NAD 83 -Z8 | 565643     | 7140657    | 3.5    | 112.4  | 123.5  | 208    | 1      | 67.8   | 52.2   | 10000  | 13.56  | 122    | 2     |
| 1360677   | NAD 83 -Z8 | 565597     | 7140638    | 1.9    | 122.4  | 188.8  | 7160   | 1      | 54.8   | 34.6   | 5903   | 11.16  | 49.7   | 0.7   |
| 1360678   | NAD 83 -Z8 | 565551     | 7140614    | 4.4    | 191.3  | 72.9   | 253    | 0.5    | 41.8   | 55.4   | 2576   | 8.49   | 43.5   | 3     |
| 1360679   | NAD 83 -Z8 | 565529     | 7140609    | 2.9    | 81.1   | 178.1  | 421    | 0.2    | 53.7   | 43.1   | 2395   | 9.24   | 53.4   | 2     |
| 1360680   | NAD 83 -Z8 | 565487     | 7140579    | 1.5    | 45.7   | 76.3   | 376    | 0.05   | 25.6   | 22.8   | 825    | 3.42   | 25.9   | 0.9   |
| 1360674   | NAD 83 -Z8 | 565449     | 7140547    | 3.3    | 76.3   | 555.5  | 2555   | 1.2    | 49.2   | 26     | 2784   | 8.7    | 92.3   | 1.5   |
| 1360675   | NAD 83 -Z8 | 565449     | 7140547    | 2.6    | 106.5  | 600.5  | 2166   | 1.4    | 52.3   | 35.2   | 3086   | 8.22   | 87.1   | 1.4   |
| 1360681   | NAD 83 -Z8 | 565428     | 7140499    | 1.9    | 53.7   | 123.7  | 419    | 0.5    | 38.5   | 27.6   | 2381   | 6      | 56.2   | 1.1   |
| 1360682   | NAD 83 -Z8 | 565407     | 7140452    | 0.3    | 227.6  | 68.5   | 217    | 0.9    | 103.9  | 48.7   | 3135   | 9      | 16.9   | 0.2   |
| 1360685   | NAD 83 -Z8 | 565389     | 7140406    | 0.9    | 139    | 147.5  | 4264   | 1.6    | 56.1   | 61.7   | 5408   | 11.14  | 214.6  | 0.5   |
| 1360685   | NAD 83 -Z8 | 565389     | 7140406    | 1      | 131.3  | 142.3  | 3903   | 1.6    | 52.4   | 61.6   | 5217   | 10.69  | 204    | 0.5   |
| 1360686   | NAD 83 -Z8 | 565408     | 7140359    | 1.4    | 279.2  | 106.7  | 496    | 0.5    | 25.1   | 35.7   | 1744   | 8.08   | 36.4   | 0.8   |
| 1360687   | NAD 83 -Z8 | 565420     | 7140311    | 1      | 232.4  | 276.1  | 934    | 1.3    | 43.8   | 37.5   | 2197   | 8.02   | 12.3   | 0.7   |
| 1360688   | NAD 83 -Z8 | 565414     | 7140262    | 0.4    | 436.7  | 123.5  | 714    | 0.8    | 75.4   | 60.8   | 3363   | 6.91   | 5.8    | 0.1   |
| 1360689   | NAD 83 -Z8 | 565413     | 7140211    | 0.4    | 655.1  | 93.1   | 574    | 2.2    | 41.5   | 68.4   | 6369   | 14.9   | 58.4   | 0.2   |
| 1360691   | NAD 83 -Z8 | 565414     | 7140160    | 0.7    | 817    | 137.2  | 511    | 1.3    | 38.5   | 70.7   | 4633   | 10.34  | 60.1   | 0.3   |
| 1360693   | NAD 83 -Z8 | 565455     | 7140070    | 0.3    | 415.7  | 57.4   | 359    | 0.7    | 65.8   | 51.8   | 3880   | 8.13   | 8.5    | 0.05  |
| 1360695   | NAD 83 -Z8 | 565521     | 7139995    | 4.1    | 219.8  | 177    | 631    | 0.6    | 70     | 42.2   | 2306   | 6.87   | 45.4   | 0.7   |
| 1360696   | NAD 83 -Z8 | 565613     | 7139956    | 43.7   | 720.7  | 391.8  | 1126   | 4.2    | 233.2  | 125.9  | 1220   | 16.86  | 348.2  | 8.7   |
| 1360697   | NAD 83 -Z8 | 565664     | 7139958    | 10.2   | 277.3  | 532    | 3844   | 1.9    | 215.9  | 74.3   | 3441   | 13.71  | 158.2  | 4.3   |
| 1360698   | NAD 83 -Z8 | 565764     | 7139972    | 95.1   | 529.8  | 292.4  | 954    | 8.8    | 76.7   | 8.3    | 255    | 15.77  | 556.3  | 2.9   |
| 1360699   | NAD 83 -Z8 | 565859     | 7140004    | 6.3    | 193.6  | 56.7   | 498    | 0.7    | 20.4   | 3.5    | 338    | 9      | 101.9  | 1.7   |
| 1360700   | NAD 83 -Z8 | 566048     | 7140075    | 12     | 166.3  | 67.1   | 186    | 0.2    | 63.9   | 25.8   | 547    | 8.17   | 66.6   | 1.5   |
| 1360702   | NAD 83 -Z8 | 566072     | 7140089    | 1      | 113.4  | 25     | 103    | 0.2    | 95.1   | 40.8   | 2229   | 8.12   | 10     | 0.3   |

| sample_id | au_ppb | th_ppm | 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 |
|-----------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1360671   | 14     | 0.5    | 10     | 0.8    | 4.8    | 0.7    | 121   | 3.84   | 0.074 | 7      | 124    | 1.95   | 14     | 0.001  | 0.5   | 2.52   | 0.001  |
| 1360672   | 6.5    | 13.1   | 6      | 10.2   | 18.8   | 0.4    | 109   | 0.18   | 0.059 | 101    | 26     | 1.32   | 154    | 0.008  | 3     | 1.71   | 0.004  |
| 1360673   | 10.2   | 8.5    | 9      | 3      | 9.7    | 0.2    | 77    | 0.28   | 0.053 | 33     | 27     | 1.4    | 72     | 0.03   | 3     | 1.77   | 0.005  |
| 1360676   | 991    | 10.1   | 7      | 1.2    | 5      | 0.3    | 86    | 0.32   | 0.068 | 32     | 29     | 1.35   | 207    | 0.005  | 2     | 1.79   | 0.003  |
| 1360676   | 1148.3 | 9.7    | 7      | 1.1    | 4.8    | 0.3    | 87    | 0.33   | 0.068 | 31     | 28     | 1.37   | 199    | 0.005  | 1     | 1.82   | 0.003  |
| 1360677   | 7      | 3.2    | 23     | 23.2   | 8.1    | 0.5    | 76    | 3.29   | 0.053 | 10     | 50     | 1.57   | 259    | 0.006  | 4     | 1.01   | 0.005  |
| 1360678   | 6.2    | 10.1   | 10     | 0.8    | 5.2    | 1.2    | 52    | 0.09   | 0.15  | 27     | 27     | 0.78   | 100    | 0.03   | 2     | 1.34   | 0.01   |
| 1360679   | 3.5    | 6.7    | 10     | 1.4    | 3.5    | 1.2    | 48    | 0.21   | 0.126 | 44     | 27     | 0.6    | 125    | 0.02   | 3     | 1.27   | 0.007  |
| 1360680   | 3.2    | 1.5    | 9      | 0.8    | 3.5    | 0.5    | 41    | 0.1    | 0.084 | 18     | 25     | 0.93   | 57     | 0.019  | 2     | 1.56   | 0.003  |
| 1360674   | 3      | 5.7    | 7      | 9.4    | 3.9    | 0.4    | 53    | 0.32   | 0.083 | 58     | 19     | 0.55   | 192    | 0.008  | 2     | 1.05   | 0.003  |
| 1360675   | 7.2    | 5.6    | 7      | 8.6    | 4.3    | 0.6    | 60    | 0.37   | 0.061 | 67     | 19     | 0.56   | 179    | 0.003  | 2     | 0.89   | 0.003  |
| 1360681   | 3.1    | 7.5    | 9      | 1.9    | 3.2    | 0.7    | 60    | 0.46   | 0.067 | 124    | 27     | 0.74   | 168    | 0.01   | 1     | 1.28   | 0.004  |
| 1360682   | 5.8    | 0.8    | 6      | 0.9    | 1.1    | 0.05   | 146   | 0.44   | 0.029 | 9      | 158    | 1.26   | 93     | 0.001  | 5     | 1.84   | 0.002  |
| 1360685   | 13.4   | 1.8    | 6      | 20.7   | 5.6    | 0.2    | 150   | 0.52   | 0.045 | 14     | 8      | 0.29   | 192    | 0.001  | 4     | 0.57   | 0.003  |
| 1360685   | 9.7    | 1.9    | 6      | 20.3   | 5.3    | 0.1    | 141   | 0.49   | 0.043 | 13     | 8      | 0.27   | 182    | 0.002  | 4     | 0.53   | 0.003  |
| 1360686   | 5.8    | 1.6    | 10     | 1.1    | 2.4    | 0.1    | 98    | 0.28   | 0.093 | 12     | 22     | 0.69   | 115    | 0.01   | 5     | 1.76   | 0.005  |
| 1360687   | 11     | 3      | 11     | 4.9    | 1.5    | 0.2    | 160   | 0.32   | 0.029 | 12     | 22     | 0.58   | 140    | 0.033  | 2     | 1.11   | 0.007  |
| 1360688   | 6      | 0.5    | 15     | 3.9    | 0.8    | 0.2    | 195   | 1.16   | 0.033 | 3      | 22     | 5.18   | 66     | 0.095  | 3     | 2.78   | 0.006  |
| 1360689   | 8.5    | 1.1    | 10     | 2.3    | 2.6    | 0.05   | 262   | 0.55   | 0.024 | 12     | 5      | 1.24   | 137    | 0.008  | 3     | 1.85   | 0.002  |
| 1360691   | 35.4   | 1      | 7      | 2.7    | 3.1    | 0.1    | 261   | 0.34   | 0.048 | 6      | 6      | 1.03   | 99     | 0.016  | 8     | 1.69   | 0.005  |
| 1360693   | 4.7    | 0.4    | 9      | 1.1    | 1      | 0.05   | 176   | 1.08   | 0.041 | 5      | 22     | 2.78   | 53     | 0.028  | 3     | 2.52   | 0.004  |
| 1360695   | 6.6    | 0.7    | 10     | 1.7    | 2.3    | 0.6    | 149   | 0.3    | 0.099 | 6      | 94     | 1.44   | 77     | 0.017  | 4     | 1.98   | 0.005  |
| 1360696   | 28.3   | 15.6   | 11     | 3.5    | 16.1   | 2      | 166   | 0.03   | 0.304 | 48     | 48     | 0.66   | 102    | 0.057  | 0.5   | 4.71   | 0.017  |
| 1360697   | 8.5    | 2.5    | 8      | 29.9   | 5.3    | 0.7    | 93    | 0.15   | 0.266 | 59     | 17     | 0.14   | 110    | 0.003  | 2     | 0.66   | 0.004  |
| 1360698   | 48     | 8.9    | 7      | 2.6    | 71.1   | 5.9    | 83    | 0.04   | 0.175 | 25     | 21     | 0.79   | 38     | 0.028  | 0.5   | 1.85   | 0.007  |
| 1360699   | 17.8   | 3.4    | 11     | 0.5    | 2.7    | 0.3    | 314   | 0.11   | 0.086 | 19     | 123    | 2.17   | 88     | 0.004  | 0.5   | 3      | 0.003  |
| 1360700   | 7.8    | 3.8    | 7      | 1      | 6.9    | 0.3    | 129   | 0.04   | 0.098 | 11     | 76     | 0.53   | 73     | 0.006  | 2     | 1.55   | 0.009  |
| 1360702   | 2.3    | 1.2    | 6      | 0.3    | 0.8    | 0.1    | 113   | 0.33   | 0.047 | 6      | 115    | 0.43   | 237    | 0.003  | 3     | 0.92   | 0.003  |

| sample_id | k_pct | w_ppm | hg_ppm | sc_ppm | tl_ppm | s_pct | ga_ppm | se_ppm | te_ppm | analysis | job_number  | colour            | moisture |
|-----------|-------|-------|--------|--------|--------|-------|--------|--------|--------|----------|-------------|-------------------|----------|
| 1360671   | 0.06  | 0.05  | 0.88   | 8.7    | 0.6    | 0.025 | 10     | 0.25   | 0.1    | 1DX15    | DAW12000287 | Light Bluish Grey | Damp     |
| 1360672   | 0.06  | 0.2   | 0.16   | 18.4   | 0.3    | 0.025 | 7      | 3.1    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown     | Damp     |
| 1360673   | 0.04  | 0.2   | 0.05   | 6.1    | 0.3    | 0.025 | 7      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Dark Brown        | Damp     |
| 1360676   | 0.06  | 0.1   | 0.07   | 26.6   | 0.3    | 0.025 | 8      | 1.5    | 0.1    | 1DX15    | DAW12000287 | Dark Brown        | Damp     |
| 1360676   | 0.06  | 0.1   | 0.09   | 26     | 0.3    | 0.025 | 9      | 1.2    | 0.1    | 1DX15    | DAW12000287 | Dark Brown        | Damp     |
| 1360677   | 0.05  | 0.05  | 0.07   | 14     | 0.1    | 0.025 | 4      | 1.1    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown   | Damp     |
| 1360678   | 0.07  | 0.2   | 0.08   | 10     | 0.3    | 0.025 | 5      | 1.5    | 0.1    | 1DX15    | DAW12000287 | Dark Brown        | Damp     |
| 1360679   | 0.1   | 0.2   | 0.05   | 5.6    | 0.3    | 0.025 | 5      | 1.4    | 0.1    | 1DX15    | DAW12000287 | Chocolate Brown   | Damp     |
| 1360680   | 0.04  | 0.2   | 0.06   | 1.6    | 0.2    | 0.025 | 5      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Dark Brown        | Damp     |
| 1360674   | 0.05  | 0.1   | 0.17   | 12.1   | 0.2    | 0.025 | 4      | 1.5    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown     | Damp     |
| 1360675   | 0.04  | 0.05  | 0.26   | 13.9   | 0.2    | 0.025 | 3      | 1.2    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown     | Damp     |
| 1360681   | 0.04  | 0.2   | 0.06   | 18.2   | 0.3    | 0.025 | 5      | 1.8    | 0.1    | 1DX15    | DAW12000287 | Dark Grey Black   | Damp     |
| 1360682   | 0.04  | 0.05  | 0.11   | 43.9   | 0.2    | 0.025 | 6      | 0.6    | 0.1    | 1DX15    | DAW12000287 | Reddish Yellow    | Damp     |
| 1360685   | 0.06  | 0.05  | 0.05   | 31.9   | 0.2    | 0.025 | 2      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Reddish Brown     | Damp     |
| 1360685   | 0.06  | 0.05  | 0.04   | 29.5   | 0.2    | 0.025 | 2      | 0.5    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown     | Damp     |
| 1360686   | 0.05  | 0.1   | 0.03   | 15.7   | 0.3    | 0.025 | 8      | 1.1    | 0.1    | 1DX15    | DAW12000287 | Dark Brown        | Damp     |
| 1360687   | 0.03  | 0.2   | 0.56   | 21.5   | 0.05   | 0.025 | 4      | 0.9    | 0.1    | 1DX15    | DAW12000287 | Reddish Yellow    | Damp     |
| 1360688   | 0.03  | 0.05  | 0.17   | 24.8   | 0.05   | 0.025 | 8      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Grey              | Damp     |
| 1360689   | 0.02  | 0.05  | 0.08   | 39.8   | 0.1    | 0.025 | 7      | 0.9    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown     | Damp     |
| 1360691   | 0.05  | 0.05  | 0.04   | 26.3   | 0.2    | 0.025 | 8      | 1.4    | 0.1    | 1DX15    | DAW12000287 | Dark Brown        | Damp     |
| 1360693   | 0.03  | 0.05  | 0.02   | 38.5   | 0.05   | 0.025 | 8      | 0.25   | 0.1    | 1DX15    | DAW12000287 | Dark Blue Black   | Damp     |
| 1360695   | 0.06  | 0.05  | 0.02   | 13.9   | 0.2    | 0.025 | 7      | 1.4    | 0.1    | 1DX15    | DAW12000287 | Dark Brown        | Damp     |
| 1360696   | 0.09  | 0.2   | 0.3    | 17     | 0.2    | 0.38  | 6      | 15.7   | 1.5    | 1DX15    | DAW12000287 | Dark Brown        | Damp     |
| 1360697   | 0.07  | 0.1   | 0.45   | 22.2   | 0.3    | 0.025 | 2      | 2.7    | 0.3    | 1DX15    | DAW12000287 | Reddish Brown     | Damp     |
| 1360698   | 0.04  | 0.2   | 1.92   | 2.1    | 0.3    | 0.06  | 8      | 29     | 2.8    | 1DX15    | DAW12000287 | Chocolate Brown   | Damp     |
| 1360699   | 0.03  | 0.05  | 1.94   | 19.8   | 0.05   | 0.025 | 15     | 8.4    | 0.3    | 1DX15    | DAW12000287 | Reddish Yellow    | Damp     |
| 1360700   | 0.05  | 0.3   | 0.03   | 10.4   | 0.2    | 0.025 | 4      | 2.5    | 0.2    | 1DX15    | DAW12000287 | Chocolate Brown   | Damp     |
| 1360702   | 0.07  | 0.05  | 0.04   | 28.7   | 0.1    | 0.025 | 3      | 0.7    | 0.1    | 1DX15    | DAW12000287 | Reddish Brown     | Damp     |

| sample_id | site_slope       | depth | horizon | site_veget    | ground_cov      | quality   | note1           | note2           |
|-----------|------------------|-------|---------|---------------|-----------------|-----------|-----------------|-----------------|
| 1360671   | Subtle Slope     | 150   | C       | No Tree Cover | Rock Cover      | Excellent | Fine            | Dull Red Rust   |
| 1360672   | Pronounced Slope | 20    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Dull Red Rust   |
| 1360673   | Pronounced Slope | 20    | C       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Top Layer       |
| 1360676   | Pronounced Slope | 5     | C       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Rocky Terrain   |
| 1360676   | Pronounced Slope | 5     | C       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Rocky Terrain   |
| 1360677   | Pronounced Slope | 30    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Quartz Chips    |
| 1360678   | Pronounced Slope | 5     | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Rocky Sample    |
| 1360679   | Pronounced Slope | 5     | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Sandy           |
| 1360680   | Pronounced Slope | 30    | B       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Sandy           |
| 1360674   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Dull Red Rust   |
| 1360675   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Dull Red Rust   |
| 1360681   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Quartz Chips    |
| 1360682   | Pronounced Slope | 30    | C       | No Tree Cover | Rock Cover      | Excellent | Quartz Chips    | Rusty Rock Chip |
| 1360685   | Pronounced Slope | 20    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Quartz Chips    |
| 1360685   | Pronounced Slope | 20    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Quartz Chips    |
| 1360686   | Pronounced Slope | 50    | B       | No Tree Cover | Thin Moss Cover | Good      | Rusty Rock Chip | Sandy           |
| 1360687   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Quartz Chips    |
| 1360688   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Coarse          | Rusty Rock Chip |
| 1360689   | Pronounced Slope | 50    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Quartz Chips    |
| 1360691   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Coarse          |
| 1360693   | Pronounced Slope | 40    | C       | No Tree Cover | Rock Cover      | Excellent | Rusty Rock Chip | Dull Red Rust   |
| 1360695   | Pronounced Slope | 110   | C       | No Tree Cover | Rock Cover      | Excellent | Coarse          | Rusty Rock Chip |
| 1360696   | Pronounced Slope | 10    | C       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip | Top Layer       |
| 1360697   | Pronounced Slope | 5     | C       | No Tree Cover | Rock Cover      | Good      | Coarse          | Rusty Rock Chip |
| 1360698   | Pronounced Slope | 10    | C       | No Tree Cover | Rock Cover      | Good      | Rusty Rock Chip |                 |
| 1360699   | Pronounced Slope | 60    | C       | No Tree Cover | Rock Cover      | Excellent | Coarse          | Rusty Rock Chip |
| 1360700   | Pronounced Slope | 60    | C       | Willows       | Thin Moss Cover | Good      | Rusty Rock Chip |                 |
| 1360702   | Subtle Slope     | 10    | C       | No Tree Cover | Thin Moss Cover | Excellent | Dull Red Rust   | Rusty Rock Chip |

# Raven 2012 Rock Sample Assays And Descriptions

| SampleID | UTM      | Easting | Northing | Color   | Rocktype                  | Hardness    | Texture                      |
|----------|----------|---------|----------|---|---------------------------|-------------|------------------------------|
| 1262932  | NAD83-Z8 | 565589  | 7139268  |   |                           |             |                              |
| 1262933  | NAD83-Z8 | 565618  | 7139246  |   |                           |             |                              |
| 1264651  | NAD83-Z8 | 565095  | 7139762  | white, reddish yellow rust, purple veins              | sedimentary               | hard        | medium to large grain        |
| 1264652  | NAD83-Z8 | 565065  | 7139782  | white, pink, red rust, grey minerals                  | sedimentary               | very hard   | Large crystals               |
| 1264653  | NAD83-Z8 | 565053  | 7139815  | white, reddish yellow, dark grey, orange rust         | sedimentary               | Hard        | large and fine grain         |
| 1264654  | NAD83-Z8 | 565112  | 7139700  | white, reddish yellow, metallic grey                  | sedimentary               | Hard        | medium-large grain           |
| 1264655  | NAD83-Z8 | 565130  | 7139637  | dark grey, bright orange rust, dark blue              | sedimentary / metamorphic | Hard        | fine grains                  |
| 1264656  | NAD83-Z8 | 565146  | 7139594  | dark grey, red and orange rust stains                 | sedimentary               | hard        | fine grains                  |
| 1264657  | NAD83-Z8 | 565154  | 7139570  | dark grey with rust stains on the outside             | sedimentary               | Hard        | fine grains                  |
| 1264658  | NAD83-Z8 | 565155  | 7139556  | light brown with yellow and greenish alterations      | sedimentary               | medium-soft | fine grains                  |
| 1264659  | NAD83-Z8 | 565154  | 7139541  | dark grey, white, orange rust                         | sedimentary               | hard        | large mixed with fine grains |
| 1264660  | NAD83-Z8 | 565171  | 7139501  | purple, red, yellow                                   | metamorphic               | soft        | fine grained                 |
| 1264661  | NAD83-Z8 | 565170  | 7139512  | dark grey, rusty brown                                |                           | hard        | fine grained                 |
| 1264662  | NAD83-Z8 | 565170  | 7139484  | grey, rusty red                                       |                           | hard        | fine grained                 |
| 1264663  | NAD83-Z8 | 565182  | 7139462  | peach, white  |                           | hard        | coarse grained               |
| 1264664  | NAD83-Z8 | 565185  | 7139462  | light grey  |                           | hard        | fine grained                 |
| 1264665  | NAD83-Z8 | 565181  | 7139459  | white   |                           | hard        | coarse grained               |
| 1264666  | NAD83-Z8 | 565175  | 7139480  | grey  |                           | hard        | fine grained                 |
| 1264667  | NAD83-Z8 | 565129  | 7139625  | dark grey, dark blue, orange rust                     | sedimentary               | hard        | fine grains                  |
| 1264668  | NAD83-Z8 | 565807  | 7140891  | white, light yellow, dark brown minerals              | sedimentary               | hard        | fine-medium grain            |
| 1264669  | NAD83-Z8 | 565801  | 7140879  | grey, dark blue, greenish silver, reddish alterations | sedimentary               | hard        | fine                         |
| 1264670  | NAD83-Z8 | 565787  | 7140856  | Bluish grey, white, reddish yellow                    | sedimentary               | hard        | fine                         |
| 1264671  | NAD83-Z8 | 565663  | 7140581  | Bluish grey, white                                    | sedimentary               | very hard   | fine                         |
| 1264672  | NAD83-Z8 | 565642  | 7140589  | Liht brown, white, orange rust and reddish brown      | sedimentray               | hard        | fine                         |
| 1264673  | NAD83-Z8 | 565407  | 7140432  | white, reddish yellow                                 |                           | hard        | medium-large crystals        |
| 1264674  | NAD83-Z8 | 565407  | 7140432  | white, blue staining                                  |                           | hard        | medium and large crystals    |
| 1264675  | NAD83-Z8 | 565407  | 7140432  | white, reddish yellow, blue mineralization            |                           | hard        | medium grain                 |
| 1264676  | NAD83-Z8 | 565422  | 7140471  | white, reddish yellow, orange ruste outside           |                           | hard        | medium size crystals         |
| 1264677  | NAD83-Z8 | 566866  | 7140522  | White, pink, reddish yellow and dark blue aterations  |                           | Hard        | Lrge crystals                |

| SampleID | Magsus | StrikeDip      | Outcropflo              | Description  |
|----------|--------|----------------|-------------------------|--|
| 1262932  | 0      |                |                         |  |
| 1262933  | 0      |                |                         |  |
| 1264651  | 679    |                | Float                   | Calcite or dolomite, altered with sulfides, very rusted on the outside, taken close to the ridge.  |
| 1264652  | 399    |                | Float                   | Calcite or dolomite, with rust pockets and dull grey metallic minerals   |
| 1264653  | 377    |                | Float                   | brecciated with quartz, band flow, altered, taken near quartz vein.  |
| 1264654  | 300    |                | Float                   | calcite or dolomite with quartz intrusions and lots of sphalerite  |
| 1264655  | 150    |                | Float                   | Highly altered shale with mineralization, rust pockets, rusty quartz intrusions  |
| 1264656  | 50     |                | Float                   | Shale with silvery sulfides, possibly arsenopyrite. Taken at contact point of shale and rusty blow-out.  |
| 1264657  | 50     |                | Float                   | Shale, with no visible mineralization, representative sample. Taken in talus.  |
| 1264658  | 50     | 102 / 64 N     | Outcrop                 | Altered with some visible mineralization, could have been a shale.   |
| 1264659  | 300    |                | Float                   | Highly altered, brecciated, mineralized broken up shale.   |
| 1264660  | 250    |                | Float                   | Very altered and rusty throughout with disseminated silver and gold sulfides (<1mm) and sulfides in stringers.   |
| 1264661  | 300    |                | Float                   | Silicified shale in rusty blowout with silvery metallic sulphide crystals disseminated throughout.   |
| 1264662  | 500    |                | Float                   | Silicified fine grained felsic with massive sulphides, rusty zones and veinlets (<1mm)   |
| 1264663  | 400    |                | Float in rusty blow-out | very altered quartz, feldspar with sphalerite disseminated (<3mm nodes).   |
| 1264664  | 50     |                | Float                   | Silicified unit with quartz veins spiderwebbing throughout. Pyrite crystals in quartz veins.   |
| 1264665  | 30     |                | Float                   | Quartz vein, altered, and loaded with greasy silvery white, submetallic mineral disseminated throughout. Rusty pockets. Quartz vein 50cm wide.   |
| 1264666  | 130    |                | Float                   | Shale with rust and chalcopyrite (<2mm) in fracture surfaces (perpendicular to bedding). Light and dark grey bedding layers approximately 2cm thick. Disseminated silver sulfide (<0.5mm) in dark bands. |
| 1264667  | 50     | 142 / 18 NE    | Outcrop                 | Altered shale with silvery sulfides and other mineralization, taken in fault pocket across outcrop foliation.  |
| 1264668  | 0      |                | float                   | altered calcite-like with brown sub-metallic minerals, (sphalerite?), rust. Taken in recessed rusty blowout.   |
| 1264669  | 300    | 212 Mag N / 42 | outcrop                 | Altered shale with sulfides : silvery pyrite and chalcopyrite dusting along calcite vein in fracture across foliation.   |
| 1264670  | 262    | 166 Mag N / 74 | outcrop                 | Silicified shale with quartz, sulfides.  |
| 1264671  | 0      |                | Float                   | Silicified limestone-like, with sulfides : pyrite. Taken in rusty blow-out.  |
| 1264672  | 180    |                | Float                   | Silicified calcite or dolomite with sulphides and sphalerite, quartz and dolomite crystals. Taken from rusty blowout.  |
| 1264673  | 0      |                | float                   | silicified rock with quartz, altered with azurite, bornite. Taken at base of outcrop.  |
| 1264674  | 180    |                | outcrop                 | silicified rock with quartz, pyrite and copper sulfides with blue staining. Taken from outcrop.  |
| 1264675  | 100    |                | outcrop                 | silicified rock with quartz, lots of azurite, some copper sulfides and pyrite.   |
| 1264676  | 250    |                | outcrop                 | quartz heavily mineralized with sphalerite, some chalcopyrite.   |
| 1264677  | 35     |                | Outcrop                 | Altered quartz, silicified, with blue copper stains and sulfides.  |

| SampleID | wgt_kg | au_ppb | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1262932  | 0.52   | 2      | 4.8    | 501.4  | 12.4   | 514    | 1.4    | 189.2  | 32     | 465    | 5.69   | 46.3   | 1.1   |
| 1262933  | 1.05   | 1      | 0.05   | 22.1   | 6.4    | 16     | 0.05   | 11.9   | 8      | 209    | 0.45   | 0.6    | 0.05  |
| 1264651  | 0.52   | 3      | 0.1    | 46.8   | 254.4  | 531    | 0.5    | 30.2   | 47.8   | 3834   | 9.57   | 5.9    | 0.05  |
| 1264652  | 0.51   | 1      | 0.1    | 0.9    | 99.6   | 2437   | 0.3    | 19.4   | 13.6   | 5108   | 6.98   | 16     | 0.05  |
| 1264653  | 0.61   | 1      | 0.05   | 1.9    | 5.9    | 81     | 0.05   | 13.1   | 8.3    | 6285   | 7.27   | 35.2   | 0.05  |
| 1264654  | 0.81   | 1      | 0.1    | 47.9   | 36.3   | 10000  | 1.6    | 34.9   | 13.1   | 2754   | 5.12   | 68     | 0.05  |
| 1264655  | 0.74   | 16     | 33.2   | 297.4  | 767.7  | 1120   | 2.9    | 106.4  | 21.3   | 297    | 4.81   | 142.1  | 3.9   |
| 1264656  | 0.79   | 8      | 20.2   | 104.2  | 21     | 793    | 0.3    | 69.5   | 5.8    | 151    | 3.25   | 68.9   | 10    |
| 1264657  | 0.63   | 7      | 6.4    | 26.7   | 10.2   | 233    | 0.1    | 27.3   | 1.6    | 97     | 1.19   | 4      | 2     |
| 1264658  | 0.44   | 25     | 7.8    | 454.8  | 392.6  | 364    | 4.3    | 62.3   | 15.1   | 165    | 11.56  | 416.1  | 1.1   |
| 1264659  | 1.07   | 7      | 0.9    | 10.5   | 83.7   | 1411   | 76.4   | 972.6  | 379.4  | 3449   | 4.45   | 4009.8 | 1.2   |
| 1264660  | 0.46   | 9      | 7.3    | 74.4   | 73     | 110    | 1      | 23     | 6.2    | 435    | 10.13  | 26.8   | 0.9   |
| 1264661  | 0.63   | 8      | 2.5    | 202.5  | 46.5   | 160    | 0.9    | 64.5   | 21.5   | 780    | 10.48  | 17.1   | 0.8   |
| 1264662  | 0.92   | 16     | 2.1    | 208.5  | 24.3   | 3636   | 0.8    | 92.8   | 27.2   | 598    | 5.82   | 16.5   | 0.4   |
| 1264663  | 0.86   | 1      | 0.3    | 20.4   | 46.5   | 10000  | 0.3    | 13.2   | 34.4   | 8799   | 7.22   | 14.6   | 0.1   |
| 1264664  | 0.57   | 5      | 6.3    | 539.3  | 18.3   | 183    | 0.2    | 29     | 5.1    | 342    | 1.82   | 7.4    | 1     |
| 1264665  | 0.66   | 2      | 1.4    | 149.9  | 37.3   | 452    | 1.3    | 34.8   | 10.7   | 494    | 0.68   | 63.6   | 0.6   |
| 1264666  | 1.2    | 6      | 9.2    | 86.9   | 69.1   | 70     | 0.3    | 49.3   | 5.8    | 216    | 2.85   | 12.1   | 2.1   |
| 1264667  | 0.5    | 24     | 34     | 413.8  | 195.2  | 448    | 1.3    | 87.3   | 5.9    | 93     | 4.33   | 144.8  | 8.3   |
| 1264668  | 0.53   | 6      | 0.8    | 9.4    | 118.5  | 2079   | 0.2    | 14.5   | 13.2   | 4560   | 7.28   | 55.4   | 0.4   |
| 1264669  | 0.85   | 17     | 0.4    | 74     | 53.9   | 48     | 0.8    | 87.3   | 82.3   | 491    | 7.32   | 32.4   | 0.2   |
| 1264670  | 0.63   | 9      | 0.05   | 19.8   | 400.6  | 673    | 0.3    | 14.3   | 9.8    | 966    | 2.58   | 2.1    | 1.6   |
| 1264671  | 0.93   | 10     | 0.1    | 2604.9 | 3.6    | 71     | 1.4    | 33.3   | 40.8   | 1261   | 5.65   | 0.9    | 0.05  |
| 1264672  | 0.94   | 1      | 0.5    | 1375.9 | 1720.4 | 5779   | 2.3    | 16.8   | 24.4   | 3266   | 6.96   | 11.9   | 1.3   |
| 1264673  | 0.61   | 7      | 0.1    | 3523.2 | 245.5  | 2141   | 4.8    | 2.7    | 3.3    | 3829   | 2.85   | 1158.9 | 0.1   |
| 1264674  | 0.86   | 2      | 0.2    | 2033.6 | 456    | 3371   | 3.7    | 3.6    | 3.9    | 6512   | 3.65   | 544.3  | 0.05  |
| 1264675  | 0.87   | 1      | 0.1    | 1550.1 | 206.5  | 1930   | 2.7    | 4      | 5.7    | 2381   | 3.01   | 525.3  | 0.2   |
| 1264676  | 1.16   | 6      | 3.1    | 156    | 53.1   | 10000  | 2.2    | 7      | 3.4    | 3408   | 4.25   | 37     | 0.4   |
| 1264677  | 0.53   | 44     | 0.2    | 469.5  | 63.6   | 626    | 1.2    | 30.7   | 8      | 73     | 4.63   | 2.6    | 0.05  |

| SampleID | au_ppb | th_ppm | sr_ppm | cd_ppm | sb_ppm | bi_ppm | v_ppm | ca_pct | p_pct  | la_ppm | cr_ppm | mg_pct | ba_ppm | ti_pct |
|----------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 1262932  | 0.7    | 1      | 0.5    | 1.5    | 0.4    | 0.05   | 365   | 0.18   | 0.042  | 6      | 114    | 5.8    | 16     | 0.065  |
| 1262933  | 0.25   | 0.05   | 21     | 0.05   | 0.05   | 0.05   | 1     | 2.83   | 0.0005 | 2      | 1      | 0.02   | 2      | 0.001  |
| 1264651  | 0.9    | 0.05   | 22     | 2.2    | 0.6    | 0.1    | 6     | 16.96  | 0.0005 | 0.5    | 0.5    | 5.36   | 23     | 0.0005 |
| 1264652  | 0.25   | 0.05   | 33     | 6.9    | 0.3    | 0.05   | 15    | 17.31  | 0.0005 | 0.5    | 1      | 6.79   | 44     | 0.0005 |
| 1264653  | 0.25   | 0.05   | 44     | 0.3    | 0.1    | 0.05   | 23    | 14.95  | 0.002  | 2      | 15     | 4.5    | 8      | 0.0005 |
| 1264654  | 0.25   | 0.05   | 52     | 112.7  | 2.4    | 0.05   | 39    | 10.56  | 0.006  | 0.5    | 39     | 4.66   | 10     | 0.0005 |
| 1264655  | 6.4    | 6.2    | 19     | 5.3    | 1.5    | 0.5    | 68    | 0.14   | 0.176  | 9      | 7      | 0.05   | 54     | 0.0005 |
| 1264656  | 4      | 7.1    | 2      | 7      | 2.2    | 0.05   | 168   | 0.27   | 0.128  | 14     | 26     | 1.3    | 21     | 0.003  |
| 1264657  | 0.25   | 6.1    | 2      | 0.9    | 0.6    | 0.05   | 46    | 0.13   | 0.079  | 14     | 9      | 0.37   | 26     | 0.003  |
| 1264658  | 18     | 2      | 6      | 2.4    | 3.2    | 20.2   | 131   | 0.04   | 0.058  | 12     | 30     | 0.08   | 138    | 0.0005 |
| 1264659  | 0.9    | 1.3    | 24     | 4.9    | 1.8    | 0.2    | 20    | 8.86   | 0.019  | 2      | 2      | 3.32   | 13     | 0.0005 |
| 1264660  | 3.1    | 3.7    | 0.5    | 0.1    | 0.9    | 0.2    | 407   | 0.04   | 0.056  | 4      | 142    | 2.62   | 20     | 0.046  |
| 1264661  | 7.1    | 1.1    | 4      | 2.3    | 0.6    | 0.3    | 377   | 0.14   | 0.058  | 5      | 138    | 3.89   | 26     | 0.107  |
| 1264662  | 8.1    | 1.6    | 5      | 27     | 0.3    | 0.05   | 349   | 1.5    | 0.067  | 18     | 130    | 2.31   | 21     | 0.026  |
| 1264663  | 0.8    | 0.05   | 23     | 28.3   | 3.5    | 0.1    | 4     | 15.68  | 0.003  | 6      | 0.5    | 6.15   | 5      | 0.0005 |
| 1264664  | 1.9    | 3.9    | 7      | 0.9    | 0.5    | 0.1    | 32    | 2.21   | 0.053  | 3      | 6      | 1.09   | 39     | 0.0005 |
| 1264665  | 1.1    | 1.8    | 1      | 3.5    | 7.1    | 0.3    | 7     | 0.49   | 0.043  | 3      | 2      | 0.04   | 36     | 0.0005 |
| 1264666  | 0.25   | 5.9    | 2      | 0.5    | 0.5    | 0.1    | 95    | 0.13   | 0.068  | 6      | 22     | 1.8    | 19     | 0.004  |
| 1264667  | 0.25   | 6      | 22     | 3.2    | 3.1    | 0.5    | 75    | 0.13   | 0.224  | 16     | 11     | 0.31   | 65     | 0.004  |
| 1264668  | 3.1    | 2.1    | 21     | 8.6    | 0.6    | 0.2    | 7     | 12.94  | 0.009  | 4      | 3      | 2.98   | 53     | 0.0005 |
| 1264669  | 6.9    | 0.4    | 4      | 0.05   | 2.2    | 0.2    | 184   | 0.49   | 0.037  | 3      | 189    | 2.7    | 17     | 0.289  |
| 1264670  | 2.8    | 5      | 70     | 3.1    | 0.5    | 0.2    | 22    | 18.68  | 0.028  | 22     | 18     | 1.81   | 13     | 0.035  |
| 1264671  | 4.1    | 0.05   | 48     | 0.05   | 0.2    | 0.05   | 341   | 7.57   | 0.027  | 5      | 0.5    | 2.09   | 18     | 0.012  |
| 1264672  | 0.9    | 0.05   | 59     | 21.4   | 19.5   | 0.05   | 122   | 18.94  | 0.007  | 11     | 0.5    | 3.17   | 58     | 0.0005 |
| 1264673  | 4      | 0.05   | 17     | 13.6   | 12.5   | 0.05   | 1     | 7.72   | 0.001  | 10     | 3      | 3.75   | 14     | 0.0005 |
| 1264674  | 3.3    | 0.05   | 35     | 18.4   | 9.2    | 0.05   | 1     | 14.31  | 0.0005 | 19     | 3      | 7.87   | 7      | 0.0005 |
| 1264675  | 3.2    | 0.2    | 17     | 10.3   | 5.7    | 0.05   | 4     | 8.09   | 0.002  | 12     | 2      | 4.02   | 17     | 0.0005 |
| 1264676  | 1.1    | 1.7    | 19     | 454.3  | 3.6    | 0.05   | 31    | 8.44   | 0.011  | 3      | 4      | 3.37   | 20     | 0.0005 |
| 1264677  | 3.5    | 0.05   | 2      | 0.1    | 0.2    | 0.05   | 7     | 0.26   | 0.002  | 0.5    | 2      | 0.04   | 3      | 0.001  |

| SampleID | b_ppm | al_pct | na_pct | k_pct | w_ppm | hg_ppm | tl_ppm | s_pct | sc_ppm | se_ppm | ga_ppm | te_ppm | sample | analysis | job_number  |
|----------|-------|--------|--------|-------|-------|--------|--------|-------|--------|--------|--------|--------|--------|----------|-------------|
| 1262932  | 10    | 4.7    | 0.002  | 0.07  | 0.05  | 0.005  | 0.05   | 0.025 | 28.2   | 0.25   | 23     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1262933  | 10    | 0.02   | 0.011  | 0.005 | 0.05  | 0.005  | 0.05   | 0.12  | 1.4    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264651  | 10    | 0.03   | 0.029  | 0.005 | 0.05  | 0.03   | 0.05   | 0.22  | 1.9    | 1.5    | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264652  | 10    | 0.05   | 0.011  | 0.005 | 0.05  | 0.005  | 0.05   | 0.025 | 3.5    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264653  | 10    | 0.11   | 0.011  | 0.05  | 0.05  | 0.005  | 0.05   | 0.025 | 5.7    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264654  | 10    | 0.13   | 0.011  | 0.08  | 0.05  | 0.43   | 0.05   | 0.53  | 13.6   | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264655  | 10    | 0.46   | 0.002  | 0.18  | 0.2   | 0.23   | 0.3    | 0.08  | 3.6    | 4.7    | 2      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264656  | 10    | 1.5    | 0.022  | 0.08  | 0.1   | 0.15   | 0.05   | 1.05  | 3.3    | 3.4    | 6      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264657  | 10    | 0.69   | 0.0005 | 0.24  | 0.05  | 0.005  | 0.1    | 0.025 | 1.6    | 0.25   | 2      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264658  | 10    | 0.42   | 0.013  | 0.49  | 0.05  | 0.03   | 0.3    | 0.83  | 6      | 28     | 5      | 0.9    | ROCK   | 1DX      | WHI12000877 |
| 1264659  | 10    | 0.1    | 0.004  | 0.06  | 0.05  | 0.93   | 0.05   | 0.025 | 3.1    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264660  | 10    | 2.73   | 0.01   | 0.03  | 0.05  | 0.005  | 0.05   | 1.13  | 16.2   | 9.1    | 21     | 0.2    | ROCK   | 1DX      | WHI12000877 |
| 1264661  | 10    | 4.51   | 0.012  | 0.07  | 0.1   | 0.03   | 0.05   | 1.51  | 19.6   | 3.8    | 20     | 0.3    | ROCK   | 1DX      | WHI12000877 |
| 1264662  | 10    | 2.13   | 0.022  | 0.03  | 0.05  | 0.59   | 0.3    | 1.62  | 13.4   | 3.7    | 12     | 0.3    | ROCK   | 1DX      | WHI12000877 |
| 1264663  | 10    | 0.03   | 0.013  | 0.005 | 0.05  | 0.73   | 0.05   | 0.21  | 10.7   | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264664  | 10    | 0.33   | 0.005  | 0.12  | 0.2   | 0.01   | 0.05   | 0.25  | 2.2    | 1.2    | 1      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264665  | 10    | 0.15   | 0.003  | 0.15  | 0.05  | 0.01   | 0.05   | 0.025 | 1      | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264666  | 10    | 1.8    | 0.003  | 0.18  | 0.05  | 0.005  | 0.1    | 0.61  | 1.8    | 2      | 8      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264667  | 10    | 0.69   | 0.004  | 0.27  | 0.2   | 0.14   | 0.5    | 0.17  | 1.6    | 5.6    | 3      | 0.3    | ROCK   | 1DX      | WHI12000877 |
| 1264668  | 10    | 0.19   | 0.004  | 0.09  | 0.05  | 0.01   | 0.05   | 0.025 | 2.6    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264669  | 10    | 2.43   | 0.029  | 0.05  | 0.05  | 0.02   | 0.1    | 2.37  | 7.2    | 1.8    | 12     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264670  | 10    | 0.76   | 0.013  | 0.04  | 0.05  | 0.04   | 0.05   | 0.34  | 4.1    | 0.25   | 7      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264671  | 10    | 2.34   | 0.018  | 0.06  | 0.05  | 0.03   | 0.05   | 0.34  | 23.4   | 0.25   | 9      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264672  | 10    | 0.12   | 0.007  | 0.01  | 0.05  | 1.28   | 0.05   | 0.18  | 20.1   | 2.8    | 1      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264673  | 10    | 0.04   | 0.015  | 0.01  | 0.05  | 0.23   | 0.05   | 0.12  | 5.9    | 1.5    | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264674  | 10    | 0.02   | 0.024  | 0.005 | 0.05  | 0.35   | 0.05   | 0.14  | 7.8    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264675  | 10    | 0.06   | 0.017  | 0.03  | 0.05  | 0.13   | 0.05   | 0.025 | 7.9    | 0.5    | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264676  | 10    | 0.13   | 0.004  | 0.06  | 0.05  | 1.66   | 0.05   | 2.65  | 3.5    | 1.2    | 3      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264677  | 10    | 0.07   | 0.016  | 0.01  | 0.05  | 0.01   | 0.05   | 0.37  | 0.5    | 6.5    | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |

| SampleID | UTM      | Easting | Northing | Color  | Rocktype    | Hardness      | Texture        |
|----------|----------|---------|----------|--|-------------|---------------|----------------|
| 1264678  | NAD83-Z8 | 566860  | 7140521  | reddish yellow, purple, blue, white                    |             | hard          | Large crystals |
| 1264679  | NAD83-Z8 | 566829  | 7140568  | white, reddish yellow, blue and bronze alterations     |             | hard          | large crystals |
| 1264680  | NAD83-Z8 | 566831  | 7140565  |  |             |               |                |
| 1264681  | NAD83-Z8 | 566833  | 7140566  | white, reddish yellow, grey                            |             | hard          | large crystals |
| 1264682  | NAD83-Z8 | 566832  | 7140568  |  |             |               |                |
| 1264683  | NAD83-Z8 | 566834  | 7140562  | white, reddish brown and yellow, purple coating        |             | hard          | large crystals |
| 1264684  | NAD83-Z8 | 566841  | 7140562  | Reddish yellow, pink, white, orange rust               |             | hard          | large crystals |
| 1264685  | NAD83-Z8 | 566847  | 7140527  | White, reddish yellow, dark blue, black. Reddish brown |             | hard          | large crystals |
| 1360015  | NAD83-Z8 | 563901  | 7142166  |  |             |               |                |
| 1360056  | NAD83-Z8 | 568303  | 7140068  |  |             |               |                |
| 1360100  | NAD83-Z8 | 567757  | 7140619  |  |             |               |                |
| 1360122  | NAD83-Z8 | 564675  | 7138846  |  |             |               |                |
| 1360128  | NAD83-Z8 | 564755  | 7138672  |  |             |               |                |
| 1360159  | NAD83-Z8 | 565956  | 7140987  |  |             |               |                |
| 1360166  | NAD83-Z8 | 566193  | 7141075  |  |             |               |                |
| 1360171  | NAD83-Z8 | 566429  | 7141085  |  |             |               |                |
| 1360174  | NAD83-Z8 | 566404  | 7141006  |  |             |               |                |
| 1360251  | NAD83-Z8 | 565983  | 7142015  | white, reddish-yellow                                  |             | hard          | coarse grained |
| 1360252  | NAD83-Z8 | 566008  | 7142009  | black, purple/red/yellow rust                          | metamorphic | brittle       | fine grained   |
| 1360253  | NAD83-Z8 | 566174  | 7142242  | black  |             | hard, brittle | fine grained   |
| 1360476  | NAD83-Z8 | 565105  | 7139695  | white, rusty   |             | hard          | fine grained   |
| 1360477  | NAD83-Z8 | 565112  | 7139687  | dark grey, white, brown rust                           | metamorphic | very hard     | fine grained   |
| 1360478  | NAD83-Z8 | 565121  | 7139672  | white, grey, rusty red                                 | metamorphic | hard          | fine grained   |
| 1360479  | NAD83-Z8 | 565145  | 7139589  | green, orange rust                                     |             |               |                |
| 1360480  | NAD83-Z8 | 565149  | 7139584  | rusty  | metamorphic | hard          |                |
| 1360481  | NAD83-Z8 | 565158  | 7139541  | dark grey, red rust                                    |             | hard          | fine grained   |
| 1360482  | NAD83-Z8 | 565158  | 7139537  | white  |             | hard          | fine grained   |
| 1360483  | NAD83-Z8 | 565158  | 7139527  | dark grey  |             | medium hard   | fine grained   |
| 1360484  | NAD83-Z8 | 565832  | 7140891  | white  |             | hard          | coarse grained |

| SampleID | Magsus | StrikeDip | Outcropflo               | Description  |
|----------|--------|-----------|--------------------------|--|
| 1264678  | 1500   |           | outcrop                  | highly altered quartz, heavily mineralized with sulfides : bornite, chalcopyrite, pyrite. Taken from quartz vein.                                    |
| 1264679  | -125   |           | Float                    | altered quartz with chalcopyrite crystals and bornite/chalcopyrite iridescent coating.   |
| 1264680  | 0      |           |                          |  |
| 1264681  | -15    |           | float                    | busted up quartz with pyrite crystals and reddish yellow staining.   |
| 1264682  | 0      |           |                          |  |
| 1264683  | -10    |           | outcrop                  | quartz with pyrite and other sulfides. Taken from quartz vein.   |
| 1264684  | 10     |           | float                    | Altered quartz and shale, heavily mineralized with sulfides, taken beside quartz vein.   |
| 1264685  | 28     |           | outcrop                  | Very altered quartz, with dark brown and black crust, rusty mineralization. Taken from quartz vein.  |
| 1360015  | 0      |           |                          |  |
| 1360056  | 0      |           |                          |  |
| 1360100  | 0      |           |                          |  |
| 1360122  | 0      |           |                          |  |
| 1360128  | 0      |           |                          |  |
| 1360159  | 0      |           |                          |  |
| 1360166  | 0      |           |                          |  |
| 1360171  | 0      |           |                          |  |
| 1360174  | 0      |           |                          |  |
| 1360251  | 0      |           | Outcrop                  | Calcic vein crosscutting shale unit. Mineralized with sphalerite?. Limonite.   |
| 1360252  | 0      | 300/70NE  | Outcrop                  | silicified, metamorphosed shale with lots of rut and disseminated sulphides in outcrop. Zone of mineralization >5m thick.                            |
| 1360253  | 0      |           | Float: large scree slope | Silicified and well quartz veined with sphalerite disseminated in it.  |
| 1360476  | 0      |           | Float in rusty zone A    | Sphalerite veinlets in rusty calcite/dolomite. South end of rusty zone.  |
| 1360477  | 0      |           | Float in rusty zone A    | Quartz breccia with shale, cut by veins of calcite/dolomite <5mm wide. Tarnished sulphides throughout.   |
| 1360478  | 0      | 192/70SW  | outcrop                  | Silicified shale with malahite and azurite. Small amount of chalcopyrite in quartz veinlets. Lots of smooth fault planes in float (see photo 35)     |
| 1360479  | 256    |           | Outrop                   | heavy mafic with orange rust on fracture surfaces and veinlets <1mm of pyrite. Outcrop in rusty orange blowout. Strike and dip too hard to tell.     |
| 1360480  | 72     | 276/30N   | outcrop                  | Very altered, rusty shale with rusty quartz veins (<3mm) parallel to bedding.  |
| 1360481  | 224    |           | Float                    | well silicified shale with rusty zones and silvery metallic (galena?) sulphide disseminated throughout (crystals <.5mm). Quartz veinlets throughout. |
| 1360482  | 27     |           | float                    | Quartz vein with pyrite cubes.   |
| 1360483  | 83     | 240/25N   | Outcrop                  | dark shale with pyrite cubes (<1m) disseminated.   |
| 1360484  | 62     |           | Float                    | Large calcite/dolomite boulder in float with purple-gold-silvr sulphide oxidized to a reddish purple on the outside.                                 |

| SampleID | wgt_kg | au_ppb | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1264678  | 0.67   | 30     | 0.4    | 877.9  | 284.9  | 671    | 1.9    | 1899.7 | 806.8  | 31     | 14.64  | 6.9    | 0.05  |
| 1264679  | 0.9    | 1      | 0.2    | 75     | 27.3   | 214    | 0.7    | 4      | 1.6    | 39     | 1.75   | 5.1    | 0.05  |
| 1264680  | 0.53   | 3      | 0.1    | 54.3   | 6.5    | 309    | 0.1    | 92.3   | 47.4   | 1873   | 14.01  | 1.2    | 0.05  |
| 1264681  | 0.72   | 1      | 0.2    | 154.1  | 21.1   | 518    | 0.2    | 98     | 43.6   | 96     | 1.32   | 9.1    | 0.05  |
| 1264682  | 0.57   | 1      | 0.2    | 295.9  | 160.9  | 1121   | 0.8    | 25.3   | 20.2   | 91     | 2.52   | 11.2   | 0.05  |
| 1264683  | 0.53   | 136    | 0.1    | 2920.5 | 831.8  | 735    | 9.2    | 3.5    | 8.6    | 28     | 2.24   | 3.9    | 0.05  |
| 1264684  | 0.75   | 29     | 0.2    | 10000  | 489.9  | 4658   | 17.9   | 4.5    | 17.4   | 41     | 3.44   | 81.4   | 0.05  |
| 1264685  | 0.76   | 1      | 0.2    | 196.5  | 77.4   | 221    | 0.1    | 146.5  | 73.8   | 67     | 9.8    | 2.3    | 0.05  |
| 1360015  | 1.19   | 1      | 0.05   | 9.9    | 32.7   | 53     | 0.1    | 5.1    | 1.8    | 501    | 0.81   | 1.7    | 0.05  |
| 1360056  | 1.46   | 2      | 1.5    | 33.5   | 9.9    | 61     | 0.05   | 8.2    | 3.6    | 4116   | 2.65   | 5.2    | 0.1   |
| 1360100  | 1.07   | 1      | 0.2    | 21     | 88.8   | 321    | 0.1    | 10.3   | 5.8    | 561    | 2.1    | 3.4    | 0.3   |
| 1360122  | 1.05   | 1      | 0.05   | 1.7    | 2.5    | 98     | 0.05   | 46.4   | 22.2   | 439    | 4.63   | 1      | 0.2   |
| 1360128  | 0.82   | 1      | 0.05   | 2.7    | 5.3    | 19     | 0.05   | 1.4    | 1.8    | 197    | 0.42   | 3.3    | 0.05  |
| 1360159  | 1.23   | 1      | 0.1    | 15.8   | 153.7  | 4727   | 0.2    | 12.5   | 8.1    | 1796   | 3.25   | 19.5   | 0.6   |
| 1360166  | 0.56   | 8      | 0.05   | 84.6   | 14     | 411    | 0.2    | 38.5   | 31.1   | 4168   | 8.45   | 20.2   | 0.05  |
| 1360171  | 0.92   | 4      | 0.1    | 256.3  | 9.4    | 79     | 0.3    | 2      | 11     | 409    | 2.7    | 1.4    | 0.05  |
| 1360174  | 0.56   | 1      | 0.05   | 166.2  | 7.2    | 69     | 0.3    | 2      | 5.7    | 278    | 1.3    | 1      | 0.05  |
| 1360251  | 0.87   | 3      | 0.7    | 37.2   | 2029.9 | 4419   | 1.4    | 24.4   | 1.3    | 1165   | 1.94   | 0.25   | 0.3   |
| 1360252  | 1.26   | 12     | 8.5    | 60.2   | 25.5   | 239    | 0.2    | 58     | 19.7   | 403    | 9.16   | 29.6   | 1.2   |
| 1360253  | 1.31   | 10     | 9.7    | 179.8  | 500.3  | 10000  | 1      | 24.2   | 6.1    | 716    | 1.84   | 16     | 5     |
| 1360476  | 1.16   | 1      | 0.7    | 32     | 79.2   | 10000  | 1.7    | 28.9   | 13     | 5276   | 6.99   | 33.4   | 0.2   |
| 1360477  | 0.82   | 3      | 2      | 3.8    | 13.7   | 69     | 0.05   | 9.1    | 4      | 4216   | 6.27   | 12.9   | 0.5   |
| 1360478  | 0.56   | 43     | 4.3    | 10000  | 864.7  | 4051   | 77.8   | 193.2  | 33.9   | 1868   | 5.93   | 430    | 3.5   |
| 1360479  | 0.94   | 1      | 0.6    | 144.2  | 288.3  | 510    | 0.3    | 98.3   | 39.8   | 1052   | 5.34   | 3.4    | 0.3   |
| 1360480  | 0.87   | 19     | 52     | 414.8  | 1790.4 | 3077   | 7.7    | 253.6  | 17.2   | 165    | 12.49  | 454.9  | 5.6   |
| 1360481  | 0.83   | 3      | 4.6    | 17     | 2452.5 | 9631   | 7.9    | 33.6   | 13.5   | 1132   | 2.04   | 2699.9 | 2.9   |
| 1360482  | 0.83   | 8      | 2.2    | 22.8   | 727    | 3645   | 1      | 26.4   | 8.1    | 332    | 0.72   | 1403.3 | 0.5   |
| 1360483  | 0.62   | 12     | 16.4   | 100.9  | 180.4  | 60     | 0.7    | 48.9   | 11.2   | 122    | 2.15   | 35.9   | 5.8   |
| 1360484  | 1.16   | 1058   | 0.2    | 3.1    | 22.6   | 136    | 0.4    | 2270.5 | 2000   | 4181   | 2.51   | 10000  | 0.1   |

| SampleID | au_ppb | th_ppm | sr_ppm | cd_ppm | sb_ppm | bi_ppm | v_ppm | ca_pct | p_pct  | la_ppm | cr_ppm | mg_pct | ba_ppm | ti_pct |
|----------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 1264678  | 1.4    | 0.05   | 1      | 5.1    | 4.3    | 0.05   | 1     | 0.01   | 0.0005 | 0.5    | 1      | 0.005  | 0.5    | 0.0005 |
| 1264679  | 1.7    | 0.05   | 2      | 0.5    | 0.3    | 0.05   | 2     | 0.02   | 0.0005 | 0.5    | 1      | 0.01   | 3      | 0.001  |
| 1264680  | 0.25   | 0.05   | 0.5    | 0.6    | 0.05   | 0.05   | 368   | 0.2    | 0.03   | 0.5    | 38     | 6.32   | 4      | 0.161  |
| 1264681  | 0.25   | 0.05   | 3      | 2.9    | 0.6    | 0.05   | 4     | 0.28   | 0.0005 | 0.5    | 2      | 0.07   | 5      | 0.002  |
| 1264682  | 3      | 0.05   | 2      | 5.4    | 0.7    | 0.05   | 15    | 0.03   | 0.002  | 0.5    | 3      | 0.21   | 4      | 0.01   |
| 1264683  | 163.6  | 0.05   | 0.5    | 3.4    | 1.3    | 0.6    | 1     | 0.01   | 0.001  | 0.5    | 1      | 0.005  | 2      | 0.0005 |
| 1264684  | 27.4   | 0.05   | 1      | 19.1   | 3.7    | 0.3    | 6     | 0.01   | 0.002  | 0.5    | 10     | 0.04   | 6      | 0.0005 |
| 1264685  | 7.4    | 0.05   | 2      | 0.2    | 1.4    | 0.05   | 16    | 0.02   | 0.003  | 0.5    | 7      | 0.13   | 4      | 0.0005 |
| 1360015  | 0.25   | 1      | 22     | 0.2    | 1.1    | 0.05   | 2     | 5.56   | 0.061  | 7      | 2      | 2.79   | 4      | 0.0005 |
| 1360056  | 0.25   | 1.2    | 46     | 0.4    | 2.1    | 0.05   | 5     | 10.8   | 0.028  | 6      | 2      | 5.28   | 12     | 0.0005 |
| 1360100  | 0.8    | 3      | 8      | 1.4    | 0.2    | 0.05   | 23    | 3.01   | 0.014  | 8      | 19     | 1.93   | 16     | 0.043  |
| 1360122  | 0.25   | 0.6    | 3      | 0.05   | 0.05   | 0.05   | 176   | 0.37   | 0.048  | 4      | 27     | 3.12   | 25     | 0.113  |
| 1360128  | 0.25   | 0.05   | 3      | 0.05   | 0.4    | 0.05   | 1     | 0.05   | 0.0005 | 0.5    | 1      | 0.005  | 10     | 0.0005 |
| 1360159  | 0.25   | 4.5    | 17     | 28.6   | 0.3    | 0.05   | 22    | 8.12   | 0.02   | 18     | 7      | 2.86   | 20     | 0.0005 |
| 1360166  | 0.25   | 0.05   | 26     | 2.6    | 0.7    | 0.05   | 161   | 4.81   | 0.028  | 3      | 8      | 2.62   | 10     | 0.004  |
| 1360171  | 2.3    | 0.05   | 6      | 0.3    | 0.2    | 0.05   | 56    | 0.49   | 0.009  | 0.5    | 2      | 0.84   | 29     | 0.034  |
| 1360174  | 1.8    | 0.1    | 7      | 0.2    | 0.2    | 0.05   | 29    | 1.4    | 0.014  | 0.5    | 1      | 0.24   | 5      | 0.038  |
| 1360251  | 0.8    | 0.05   | 115    | 26.1   | 2.5    | 0.7    | 4     | 20.19  | 0.0005 | 5      | 0.5    | 7.71   | 10     | 0.0005 |
| 1360252  | 0.25   | 4.8    | 1      | 0.4    | 2      | 1      | 132   | 0.2    | 0.071  | 0.5    | 29     | 3.6    | 5      | 0.004  |
| 1360253  | 0.7    | 4.5    | 9      | 42.9   | 2.7    | 0.05   | 58    | 2.05   | 0.077  | 2      | 13     | 1.08   | 8      | 0.001  |
| 1360476  | 0.7    | 0.05   | 34     | 111.9  | 1      | 0.05   | 15    | 15.91  | 0.0005 | 0.5    | 10     | 5.55   | 284    | 0.0005 |
| 1360477  | 0.7    | 0.9    | 23     | 0.3    | 0.5    | 0.2    | 10    | 11.84  | 0.014  | 0.5    | 2      | 4.37   | 5      | 0.0005 |
| 1360478  | 4.3    | 1.9    | 56     | 24.7   | 27     | 1.8    | 15    | 9.68   | 0.027  | 4      | 3      | 2.58   | 13     | 0.0005 |
| 1360479  | 1.5    | 2.5    | 26     | 7.9    | 0.3    | 0.05   | 112   | 4.1    | 0.125  | 21     | 80     | 2.46   | 35     | 0.12   |
| 1360480  | 3.5    | 5.6    | 4      | 4.1    | 14.1   | 0.9    | 21    | 0.01   | 0.203  | 31     | 5      | 0.06   | 17     | 0.002  |
| 1360481  | 0.25   | 2.2    | 26     | 39.2   | 1.9    | 0.05   | 17    | 5.2    | 0.038  | 3      | 2      | 2.06   | 32     | 0.0005 |
| 1360482  | 1.8    | 1.2    | 2      | 14.5   | 1.4    | 0.5    | 1     | 0.09   | 0.021  | 2      | 1      | 0.02   | 10     | 0.0005 |
| 1360483  | 0.25   | 8.7    | 2      | 0.2    | 0.3    | 0.1    | 88    | 0.28   | 0.103  | 7      | 19     | 0.71   | 24     | 0.005  |
| 1360484  | 942.4  | 0.05   | 85     | 0.6    | 121.9  | 6.7    | 23    | 26.35  | 0.0005 | 12     | 0.5    | 2.85   | 4      | 0.0005 |

| SampleID | b_ppm | al_pct | na_pct | k_pct | w_ppm | hg_ppm | tl_ppm | s_pct | sc_ppm | se_ppm | ga_ppm | te_ppm | sample | analysis | job_number  |
|----------|-------|--------|--------|-------|-------|--------|--------|-------|--------|--------|--------|--------|--------|----------|-------------|
| 1264678  | 10    | 0.02   | 0.011  | 0.005 | 0.05  | 0.05   | 0.05   | 8.49  | 0.1    | 25.6   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264679  | 10    | 0.02   | 0.013  | 0.005 | 0.05  | 0.12   | 0.05   | 0.07  | 0.1    | 3.2    | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264680  | 10    | 7.68   | 0.0005 | 0.01  | 0.05  | 0.005  | 0.05   | 0.025 | 39     | 0.7    | 20     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264681  | 10    | 0.09   | 0.015  | 0.005 | 0.05  | 0.01   | 0.05   | 0.38  | 0.5    | 1.5    | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264682  | 10    | 0.25   | 0.013  | 0.005 | 0.05  | 0.39   | 0.05   | 0.23  | 1.5    | 5.6    | 1      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1264683  | 10    | 0.01   | 0.007  | 0.005 | 0.05  | 0.57   | 0.05   | 0.33  | 0.1    | 4.8    | 0.5    | 1.1    | ROCK   | 1DX      | WHI12000877 |
| 1264684  | 10    | 0.06   | 0.006  | 0.005 | 0.05  | 1.97   | 0.05   | 1.04  | 0.4    | 4.4    | 0.5    | 0.3    | ROCK   | 1DX      | WHI12000877 |
| 1264685  | 10    | 0.16   | 0.013  | 0.01  | 0.05  | 0.005  | 0.05   | 0.13  | 1.2    | 2.6    | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360015  | 10    | 0.04   | 0.007  | 0.04  | 0.05  | 0.02   | 0.05   | 0.025 | 5.4    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360056  | 10    | 0.08   | 0.018  | 0.08  | 0.05  | 0.04   | 0.05   | 0.025 | 1.7    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360100  | 10    | 0.91   | 0.016  | 0.05  | 0.2   | 0.05   | 0.05   | 0.025 | 2.9    | 0.25   | 5      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360122  | 10    | 2.83   | 0.049  | 0.13  | 0.05  | 0.005  | 0.1    | 0.025 | 6.3    | 0.25   | 11     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360128  | 10    | 0.01   | 0.012  | 0.005 | 0.05  | 0.005  | 0.05   | 0.025 | 0.2    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360159  | 10    | 0.14   | 0.005  | 0.09  | 0.05  | 0.02   | 0.05   | 0.025 | 5.9    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360166  | 10    | 2.66   | 0.021  | 0.1   | 0.05  | 0.02   | 0.05   | 0.025 | 19.2   | 0.25   | 10     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360171  | 10    | 1.01   | 0.03   | 0.02  | 0.05  | 0.005  | 0.05   | 0.025 | 3.2    | 0.25   | 3      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360174  | 10    | 0.42   | 0.029  | 0.01  | 0.05  | 0.005  | 0.05   | 0.025 | 1.3    | 0.25   | 3      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360251  | 10    | 0.01   | 0.004  | 0.005 | 0.05  | 0.46   | 0.05   | 0.025 | 3.3    | 24.4   | 0.5    | 0.3    | ROCK   | 1DX      | WHI12000877 |
| 1360252  | 10    | 3.57   | 0.005  | 0.03  | 0.1   | 0.03   | 0.05   | 3.14  | 5.4    | 5.2    | 11     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360253  | 10    | 0.6    | 0.015  | 0.08  | 0.1   | 1.25   | 0.05   | 1.18  | 4.3    | 3      | 2      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360476  | 10    | 0.08   | 0.008  | 0.03  | 0.05  | 0.52   | 0.05   | 0.45  | 3.6    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360477  | 10    | 0.09   | 0.012  | 0.06  | 0.1   | 0.005  | 0.05   | 0.15  | 1.1    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360478  | 10    | 0.11   | 0.006  | 0.05  | 0.1   | 0.43   | 0.05   | 1.48  | 4.3    | 18.6   | 0.5    | 0.2    | ROCK   | 1DX      | WHI12000877 |
| 1360479  | 10    | 2.84   | 0.018  | 0.15  | 0.05  | 0.03   | 0.1    | 0.11  | 15.1   | 0.25   | 10     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360480  | 10    | 0.56   | 0.002  | 0.19  | 0.1   | 0.09   | 0.3    | 0.08  | 2.1    | 20     | 1      | 0.5    | ROCK   | 1DX      | WHI12000877 |
| 1360481  | 10    | 0.13   | 0.002  | 0.05  | 0.05  | 0.17   | 0.05   | 0.4   | 2.6    | 1.1    | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360482  | 10    | 0.06   | 0.004  | 0.04  | 0.1   | 0.07   | 0.05   | 0.07  | 0.7    | 3.2    | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360483  | 10    | 0.95   | 0.006  | 0.28  | 0.05  | 0.005  | 0.2    | 0.61  | 1.4    | 5      | 3      | 0.2    | ROCK   | 1DX      | WHI12000877 |
| 1360484  | 10    | 0.005  | 0.017  | 0.005 | 0.05  | 0.03   | 0.05   | 0.38  | 11.2   | 31.1   | 0.5    | 0.4    | ROCK   | 1DX      | WHI12000877 |

| SampleID | UTM      | Easting | Northing | Color                      | Rocktype    | Hardness      | Texture        |
|----------|----------|---------|----------|----------------------------|-------------|---------------|----------------|
| 1360485  | NAD83-Z8 | 565786  | 7140847  | light brown                |             | hard          |                |
| 1360486  | NAD83-Z8 | 565773  | 7140840  | white, brown               |             | hard          | coarse grained |
| 1360487  | NAD83-Z8 | 565724  | 7140766  | green                      |             | hard          | coarse grained |
| 1360488  | NAD83-Z8 | 565720  | 7140649  | white, purple, rusty       |             | very hard     | coarse grained |
| 1360489  | NAD83-Z8 | 565651  | 7140642  | dark brown surface, white  |             | hard          | coarse grained |
| 1360490  | NAD83-Z8 | 565623  | 7140658  | white, cream, dark brown.  |             | hard          | fine grained   |
| 1360491  | NAD83-Z8 | 565632  | 7140647  | white, rusty red.          |             | medium hard   | coarse grained |
| 1360492  | NAD83-Z8 | 565552  | 7140624  | dark grey                  | metamorphic | hard          | coarse grained |
| 1360493  | NAD83-Z8 | 565338  | 7140619  | white, light brown         |             | hard          | coarse grained |
| 1360494  | NAD83-Z8 | 565828  | 7141913  | black, red rust.           | sedimentary | medium hard   | fine grained   |
| 1360495  | NAD83-Z8 | 565823  | 7141929  | black, purple, red rust    | metamorphic | soft          | fine grained   |
| 1360496  | NAD83-Z8 | 565827  | 7141940  | black, rusty               | metamorphic | medium hard   | fine grained   |
| 1360497  | NAD83-Z8 | 565851  | 7141943  | black, metallic            | metamorphic | hard          | fine grained   |
| 1360498  | NAD83-Z8 | 565919  | 7141972  | black, rusty red           | metamorphic | hard          | fine grained   |
| 1360499  | NAD83-Z8 | 565951  | 7141995  | black, rusty red, yellow   | metamorphic | soft          | fine grained   |
| 1360500  | NAD83-Z8 | 565930  | 7141998  | black with red/yellow rust | metamorphic | soft/ brittle | fine grained   |
| 1360593  | NAD83-Z8 | 565843  | 7140937  |                            |             |               |                |
| 1360594  | NAD83-Z8 | 565837  | 7140922  |                            |             |               |                |
| 1360595  | NAD83-Z8 | 565836  | 7140921  |                            |             |               |                |
| 1360598  | NAD83-Z8 | 565895  | 7140878  |                            |             |               |                |
| 1360602  | NAD83-Z8 | 565943  | 7140837  |                            |             |               |                |
| 1360612  | NAD83-Z8 | 566356  | 7140552  |                            |             |               |                |
| 1360613  | NAD83-Z8 | 566353  | 7140573  |                            |             |               |                |
| 1360643  | NAD83-Z8 | 566181  | 7139642  |                            |             |               |                |
| 1360646  | NAD83-Z8 | 566219  | 7139652  |                            |             |               |                |
| 1360647  | NAD83-Z8 | 566219  | 7139653  |                            |             |               |                |
| 1360664  | NAD83-Z8 | 565844  | 7141004  |                            |             |               |                |
| 1360683  | NAD83-Z8 | 565390  | 7140405  |                            |             |               |                |
| 1360690  | NAD83-Z8 | 565406  | 7140219  |                            |             |               |                |
| 1360692  | NAD83-Z8 | 565411  | 7140136  |                            |             |               |                |
| 1360694  | NAD83-Z8 | 565453  | 7140068  |                            |             |               |                |
| 1360703  | NAD83-Z8 | 566074  | 7140091  |                            |             |               |                |

| SampleID | Magsus | StrikeDip      | Outcropflo            | Description  |
|----------|--------|----------------|-----------------------|--|
| 1360485  | 400    | undetermined   | Outcrop               | Silicified calcic vein crosscutting surrounding chert (apprx 50cm wide). Dark brown veining, Cu sulfide, malachite, azurite in outcrop. Can see vein crosscutting next three spurs (photo 004) for apprx 30m   |
| 1360486  | 600    | vein: 148/60SW | Outcrop               | Highly altered calc-cilica rock vein about 3m wide. Brecciation of host rock (chert?) at margins and within vein. Brown crystalized veins and bands of disseminated Cu sulfide with azurite and malachite. Possible arsenopyrite.                          |
| 1360487  | 600    | 310/20NE       | Outcrop               | Highly altered ultramafic with disseminated gold sulfide throughout. Limonite. Mineralization perpnidcular to bedding.   |
| 1360488  | 182    |                | Float in rusty saddle | Liminitic calc-silicate rock hosting massive sphalerite (7cm wide) and criss-crossing quartz veins. Mineralized vein (with mineralization), can be followed to next spur (60m west) and along entire side of mountain (Photo 14). Ore Grade. Vein 5m wide. |
| 1360489  | 0      |                | subcrop               | calc-silicate float from small rusty saddle in ridge. Rusted dark brown. Massive CuS (<3mm nodes) disseminated throughout and CuS stringer (<1mm wide)   |
| 1360490  | 169    | 166/60W        | outcrop               | Calc-silicate rock, highly brecciated, limonitic, dark brown portion of outcrop layers (photo 019).  |
| 1360491  | 233    |                | Sub-crop              | altered calc-silicate vein in deformed host rock (vein 30cm wide). Liminitic. Massive CuS disseminated throughout.   |
| 1360492  | 0      |                | float                 | Silicified and folded shale with pyrite disseminated throughout. Cut by few veinlets of quartz (<2mm).   |
| 1360493  | 0      |                | float                 | calc-silicate rock. Brecciated. Rusty orange outcrop on ridge.   |
| 1360494  | 0      | 018/40E        | Outcrop               | Shale with greenish sulphide disseminated in some bedding layers and crosscutting bedding in veinlets up to 3mm wide.  |
| 1360495  | 0      |                | Float                 | highly altered shale with quartz veinlets and disseminated metallic sulphides (pyrite) thoughout.  |
| 1360496  | 0      |                | Sub-crop              | Shale with lots (20%) of disseminated sulphide (Pyrite?)   |
| 1360497  | 0      |                | outcrop               | Highly deformed silicified shale with quartz and massive pyrite. Minor malachite staining.   |
| 1360498  | 0      |                | float                 | highly silicified shale rich in disseminated pyrite. Large boulder in float. Rusty   |
| 1360499  | 0      |                | float                 | altered shale with lots of orange and yellow rusted out zones. Float on small spur at contact with silicifiedd shale.  |
| 1360500  | 0      |                | float/sub-crop        | extremely altered unit. Very rusty. Brittle. Graphitic. Float in vertical linear feature indicative of fault. Many smoothed and striated faces in surrounding float.   |
| 1360593  | 0      |                |                       |  |
| 1360594  | 0      |                |                       |  |
| 1360595  | 0      |                |                       |  |
| 1360598  | 0      |                |                       |  |
| 1360602  | 0      |                |                       |  |
| 1360612  | 0      |                |                       |  |
| 1360613  | 0      |                |                       |  |
| 1360643  | 0      |                |                       |  |
| 1360646  | 0      |                |                       |  |
| 1360647  | 0      |                |                       |  |
| 1360664  | 0      |                |                       |  |
| 1360683  | 0      |                |                       |  |
| 1360690  | 0      |                |                       |  |
| 1360692  | 0      |                |                       |  |
| 1360694  | 0      |                |                       |  |
| 1360703  | 0      |                |                       |  |

| SampleID | wgt_kg | au_ppb | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1360485  | 1.45   | 1      | 0.05   | 2919.7 | 211.3  | 6184   | 47.5   | 10.3   | 5.2    | 4126   | 4.41   | 555.3  | 0.3   |
| 1360486  | 0.93   | 44     | 0.3    | 10000  | 7081.3 | 10000  | 100    | 29.1   | 16.7   | 10000  | 11.5   | 2154.2 | 0.4   |
| 1360487  | 1.33   | 16     | 1.3    | 270.6  | 117.2  | 96     | 1.6    | 45.7   | 60.5   | 423    | 6.26   | 15.1   | 0.05  |
| 1360488  | 1.34   | 4      | 0.05   | 348.1  | 259.9  | 10000  | 6.4    | 8.3    | 10.4   | 1860   | 2.58   | 59.7   | 0.05  |
| 1360489  | 0.86   | 11     | 0.2    | 4393.9 | 333.5  | 419    | 3.3    | 5.5    | 6.2    | 10000  | 9.39   | 130.5  | 0.05  |
| 1360490  | 1.15   | 1      | 2.2    | 58     | 27.3   | 861    | 0.1    | 21.6   | 12.6   | 4873   | 5.2    | 13     | 1.1   |
| 1360491  | 0.87   | 57     | 0.2    | 3252.5 | 308.9  | 910    | 4      | 68.2   | 142.9  | 3932   | 5.85   | 151.1  | 0.2   |
| 1360492  | 1.23   | 16     | 0.4    | 359.4  | 121.1  | 177    | 0.8    | 24.8   | 118.1  | 900    | 6.76   | 46.6   | 0.3   |
| 1360493  | 0.9    | 1      | 0.4    | 11.3   | 82.3   | 2926   | 0.3    | 10.7   | 12.9   | 3574   | 4.75   | 19.2   | 0.4   |
| 1360494  | 1.1    | 5      | 6.8    | 47.4   | 47.6   | 124    | 0.3    | 65.6   | 11.8   | 324    | 4.7    | 15.8   | 1.6   |
| 1360495  | 1.07   | 12     | 13.5   | 62.8   | 41.3   | 68     | 0.4    | 27.6   | 3.8    | 67     | 2.41   | 39     | 2.1   |
| 1360496  | 1.56   | 15     | 12.3   | 109.5  | 114.5  | 390    | 0.7    | 136.5  | 29.3   | 258    | 6.25   | 171.4  | 1.4   |
| 1360497  | 1.56   | 11     | 19     | 72.8   | 38.5   | 103    | 0.4    | 93.4   | 14.4   | 581    | 7.45   | 19.5   | 1.7   |
| 1360498  | 0.89   | 13     | 17.4   | 77.9   | 31     | 70     | 0.3    | 75     | 18.9   | 321    | 6.24   | 25.3   | 1.8   |
| 1360499  | 0.75   | 17     | 15.8   | 167.9  | 418.9  | 2006   | 1.1    | 53.8   | 8.1    | 339    | 6.13   | 94.4   | 1.8   |
| 1360500  | 0.93   | 24     | 43.8   | 225.8  | 326.1  | 920    | 1.3    | 67.7   | 3.7    | 163    | 4.11   | 153.6  | 3.4   |
| 1360593  | 0.54   | 1      | 0.3    | 24     | 4.7    | 46     | 0.05   | 16.4   | 8.6    | 264    | 2.45   | 1.3    | 0.4   |
| 1360594  | 0.46   | 1      | 0.6    | 27.9   | 706.1  | 2138   | 0.8    | 19.3   | 8.6    | 1361   | 2.34   | 21.7   | 0.7   |
| 1360595  | 0.62   | 1      | 0.2    | 7.6    | 508.6  | 716    | 0.9    | 10.2   | 4.3    | 917    | 1.63   | 2.8    | 0.3   |
| 1360598  | 1.18   | 1      | 0.4    | 270.1  | 8.6    | 56     | 0.5    | 4.5    | 1.4    | 4151   | 4.33   | 4.7    | 0.1   |
| 1360602  | 1.45   | 3      | 0.2    | 88.4   | 10.3   | 70     | 0.8    | 57.4   | 39.4   | 2942   | 8.75   | 45.5   | 0.05  |
| 1360612  | 1.29   | 1      | 0.05   | 621    | 57.8   | 337    | 1.3    | 10.5   | 38.5   | 770    | 4.77   | 6.6    | 0.05  |
| 1360613  | 0.47   | 2      | 0.05   | 265.2  | 24.9   | 122    | 0.6    | 9.7    | 35.7   | 781    | 4.7    | 5.8    | 0.05  |
| 1360643  | 0.62   | 1      | 0.6    | 33.8   | 12.2   | 32     | 0.1    | 5.9    | 2.4    | 134    | 0.45   | 11.1   | 0.05  |
| 1360646  | 0.66   | 2      | 10     | 84.8   | 21.7   | 53     | 0.4    | 40.1   | 4.8    | 261    | 2.72   | 14.6   | 3.5   |
| 1360647  | 0.73   | 4      | 12.9   | 90     | 167.4  | 80     | 0.9    | 26.9   | 4.8    | 167    | 2.38   | 24.9   | 3.3   |
| 1360664  | 1.11   | 2      | 0.2    | 107    | 10.3   | 37     | 0.7    | 7.7    | 30.4   | 420    | 4.77   | 4.3    | 0.05  |
| 1360683  | 1.28   | 1      | 0.05   | 135.5  | 70.5   | 10000  | 1.9    | 9.7    | 12.3   | 4759   | 6.31   | 35.2   | 0.05  |
| 1360690  | 1.07   | 1      | 0.05   | 8.1    | 14.6   | 2650   | 0.1    | 3.1    | 6.3    | 4770   | 7.24   | 9      | 0.05  |
| 1360692  | 1      | 4      | 0.05   | 6277.9 | 47.3   | 140    | 16.8   | 1.1    | 2.8    | 964    | 0.77   | 3.3    | 0.05  |
| 1360694  | 0.77   | 3      | 0.05   | 1952.3 | 1.8    | 105    | 6.6    | 4.6    | 80.2   | 985    | 1.16   | 21.2   | 0.05  |
| 1360703  | 1.15   | 1      | 0.05   | 136.9  | 4.2    | 50     | 0.05   | 104.7  | 39.1   | 1316   | 6.05   | 1.4    | 0.05  |

| SampleID | au_ppb | th_ppm | sr_ppm | cd_ppm | sb_ppm | bi_ppm | v_ppm | ca_pct | p_pct  | la_ppm | cr_ppm | mg_pct | ba_ppm | ti_pct |
|----------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 1360485  | 1      | 1.3    | 29     | 31.6   | 652.9  | 0.05   | 10    | 10.04  | 0.007  | 6      | 3      | 4.58   | 18     | 0.0005 |
| 1360486  | 43.3   | 0.1    | 33     | 276.3  | 2000   | 525.4  | 11    | 8.94   | 0.0005 | 0.5    | 2      | 3.96   | 20     | 0.0005 |
| 1360487  | 12.3   | 0.5    | 3      | 0.2    | 2.8    | 0.05   | 129   | 0.47   | 0.085  | 3      | 8      | 1.3    | 34     | 0.198  |
| 1360488  | 3.3    | 0.05   | 23     | 1525.9 | 18.3   | 0.05   | 10    | 6.63   | 0.002  | 0.5    | 0.5    | 2.28   | 4      | 0.0005 |
| 1360489  | 3.9    | 0.05   | 40     | 3.5    | 8.2    | 6.3    | 25    | 15.33  | 0.0005 | 4      | 2      | 5.01   | 7      | 0.0005 |
| 1360490  | 0.8    | 1.1    | 27     | 2.8    | 0.3    | 0.05   | 9     | 14.45  | 0.007  | 4      | 4      | 2.97   | 51     | 0.0005 |
| 1360491  | 35.8   | 0.3    | 20     | 4.1    | 12     | 0.7    | 5     | 6.92   | 0.0005 | 4      | 5      | 2.96   | 11     | 0.0005 |
| 1360492  | 0.25   | 3.1    | 48     | 0.7    | 4.3    | 2.4    | 13    | 11.23  | 0.016  | 9      | 9      | 4.02   | 18     | 0.0005 |
| 1360493  | 4.9    | 2.3    | 29     | 13.3   | 0.6    | 0.1    | 11    | 11.42  | 0.009  | 5      | 3      | 4.52   | 24     | 0.0005 |
| 1360494  | 2.3    | 7.2    | 0.5    | 0.3    | 2.3    | 0.3    | 220   | 0.14   | 0.05   | 3      | 41     | 4.11   | 7      | 0.003  |
| 1360495  | 0.7    | 6.6    | 3      | 0.05   | 1.3    | 0.4    | 90    | 0.19   | 0.092  | 6      | 20     | 0.3    | 13     | 0.002  |
| 1360496  | 0.25   | 4      | 1      | 1      | 5.5    | 0.5    | 239   | 0.17   | 0.073  | 2      | 51     | 2.44   | 6      | 0.003  |
| 1360497  | 0.25   | 5.9    | 1      | 0.05   | 2.5    | 0.4    | 167   | 0.17   | 0.081  | 1      | 36     | 3.22   | 4      | 0.006  |
| 1360498  | 0.25   | 5      | 1      | 0.05   | 1.6    | 1.4    | 96    | 0.14   | 0.074  | 2      | 25     | 1.46   | 8      | 0.003  |
| 1360499  | 3.3    | 4.1    | 2      | 6.2    | 1.6    | 0.4    | 109   | 0.1    | 0.065  | 13     | 25     | 0.6    | 31     | 0.0005 |
| 1360500  | 0.8    | 6.1    | 5      | 2.6    | 3.1    | 3      | 38    | 0.4    | 0.133  | 12     | 6      | 0.14   | 19     | 0.001  |
| 1360593  | 1.1    | 5      | 2      | 0.1    | 0.4    | 0.05   | 42    | 0.27   | 0.025  | 14     | 30     | 2.14   | 18     | 0.151  |
| 1360594  | 1.8    | 6.6    | 37     | 10.6   | 1.8    | 0.05   | 29    | 8.25   | 0.03   | 18     | 17     | 3.16   | 26     | 0.0005 |
| 1360595  | 0.25   | 2.4    | 28     | 1.3    | 0.7    | 0.2    | 26    | 6.22   | 0.01   | 8      | 14     | 2.36   | 4      | 0.016  |
| 1360598  | 0.25   | 0.3    | 6      | 0.3    | 1      | 0.05   | 5     | 0.04   | 0.002  | 1      | 3      | 0.1    | 7      | 0.0005 |
| 1360602  | 2.5    | 0.05   | 23     | 0.2    | 2      | 0.5    | 249   | 4.53   | 0.021  | 1      | 121    | 3.38   | 8      | 0.006  |
| 1360612  | 4.9    | 0.2    | 3      | 1.6    | 0.1    | 0.05   | 281   | 0.72   | 0.028  | 0.5    | 0.5    | 1.34   | 15     | 0.172  |
| 1360613  | 4.4    | 0.2    | 2      | 0.4    | 0.2    | 0.05   | 318   | 0.43   | 0.03   | 0.5    | 0.5    | 1.4    | 10     | 0.245  |
| 1360643  | 1.4    | 0.5    | 3      | 0.1    | 0.6    | 0.4    | 2     | 0.04   | 0.008  | 1      | 1      | 0.005  | 7      | 0.0005 |
| 1360646  | 3.1    | 9.5    | 2      | 0.05   | 1      | 0.05   | 129   | 0.21   | 0.077  | 3      | 39     | 2.06   | 6      | 0.086  |
| 1360647  | 3.4    | 10.7   | 3      | 0.3    | 1.5    | 0.05   | 131   | 0.25   | 0.104  | 6      | 42     | 1.32   | 11     | 0.1    |
| 1360664  | 4.1    | 0.9    | 1      | 0.05   | 1.7    | 0.05   | 135   | 0.31   | 0.07   | 4      | 0.5    | 0.94   | 7      | 0.126  |
| 1360683  | 1      | 0.1    | 29     | 363.3  | 10     | 0.05   | 12    | 13.13  | 0.002  | 0.5    | 2      | 4.88   | 28     | 0.0005 |
| 1360690  | 0.9    | 0.05   | 55     | 8.5    | 0.4    | 0.05   | 19    | 17.47  | 0.002  | 0.5    | 0.5    | 6.68   | 112    | 0.0005 |
| 1360692  | 1.5    | 0.05   | 67     | 0.6    | 0.3    | 0.05   | 1     | 18.23  | 0.0005 | 20     | 0.5    | 0.04   | 2      | 0.0005 |
| 1360694  | 2.4    | 0.05   | 54     | 0.5    | 0.3    | 0.05   | 15    | 34.02  | 0.0005 | 0.5    | 0.5    | 0.42   | 3      | 0.0005 |
| 1360703  | 0.25   | 0.05   | 18     | 0.1    | 0.05   | 0.05   | 110   | 5.54   | 0.019  | 1      | 167    | 2.99   | 54     | 0.0005 |

| SampleID | b_ppm | al_pct | na_pct | k_pct | w_ppm | hg_ppm | tl_ppm | s_pct | sc_ppm | se_ppm | ga_ppm | te_ppm | sample | analysis | job_number  |
|----------|-------|--------|--------|-------|-------|--------|--------|-------|--------|--------|--------|--------|--------|----------|-------------|
| 1360485  | 10    | 0.12   | 0.006  | 0.07  | 0.05  | 0.21   | 0.05   | 0.21  | 3.7    | 0.25   | 1      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360486  | 10    | 0.05   | 0.008  | 0.02  | 0.05  | 3.84   | 0.3    | 1.98  | 4.4    | 4.5    | 3      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360487  | 10    | 1.58   | 0.046  | 0.08  | 0.1   | 0.04   | 0.5    | 2.51  | 4.9    | 3.6    | 11     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360488  | 10    | 0.04   | 0.005  | 0.02  | 0.05  | 3.9    | 0.05   | 5.9   | 2.4    | 1.2    | 2      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360489  | 10    | 0.03   | 0.036  | 0.02  | 0.05  | 0.07   | 0.05   | 0.19  | 46.7   | 1      | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360490  | 10    | 0.13   | 0.006  | 0.08  | 0.05  | 0.005  | 0.05   | 0.025 | 2.3    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360491  | 10    | 0.09   | 0.028  | 0.03  | 0.05  | 0.13   | 0.05   | 2.2   | 1.6    | 6.9    | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360492  | 20    | 0.22   | 0.01   | 0.09  | 0.05  | 0.03   | 0.1    | 4.69  | 4.7    | 2.9    | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360493  | 10    | 0.15   | 0.008  | 0.07  | 0.05  | 0.04   | 0.05   | 0.08  | 2.3    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360494  | 10    | 3.06   | 0.004  | 0.03  | 0.05  | 0.02   | 0.05   | 1.42  | 4.1    | 2.8    | 16     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360495  | 10    | 0.39   | 0.025  | 0.07  | 0.1   | 0.005  | 0.05   | 0.37  | 1.8    | 3.3    | 3      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360496  | 10    | 2.15   | 0.015  | 0.05  | 0.05  | 0.09   | 0.05   | 3.3   | 8.2    | 5.7    | 10     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360497  | 10    | 3.47   | 0.0005 | 0.03  | 0.2   | 0.005  | 0.05   | 2.32  | 3.8    | 3.2    | 12     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360498  | 10    | 1.96   | 0.0005 | 0.11  | 0.2   | 0.005  | 0.05   | 2.18  | 2.9    | 4.1    | 7      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360499  | 10    | 1.02   | 0.002  | 0.2   | 0.05  | 0.01   | 0.05   | 0.09  | 6.5    | 7.5    | 6      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360500  | 10    | 0.34   | 0.002  | 0.19  | 0.6   | 0.06   | 0.2    | 0.13  | 1.9    | 6.7    | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360593  | 10    | 1.73   | 0.017  | 0.08  | 0.2   | 0.005  | 0.05   | 0.06  | 3.1    | 0.25   | 10     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360594  | 10    | 0.49   | 0.008  | 0.1   | 0.05  | 0.02   | 0.05   | 0.025 | 7.4    | 0.25   | 2      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360595  | 10    | 1.63   | 0.005  | 0.03  | 0.05  | 0.08   | 0.1    | 0.025 | 2.9    | 0.25   | 5      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360598  | 10    | 0.17   | 0.023  | 0.02  | 0.05  | 0.01   | 0.05   | 0.025 | 1.8    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360602  | 10    | 4      | 0.022  | 0.03  | 0.05  | 0.005  | 0.05   | 0.05  | 23     | 0.25   | 13     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360612  | 10    | 1.94   | 0.042  | 0.005 | 0.05  | 0.05   | 0.05   | 0.025 | 2.2    | 0.8    | 10     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360613  | 10    | 2.09   | 0.025  | 0.005 | 0.05  | 0.005  | 0.05   | 0.025 | 1.9    | 0.25   | 10     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360643  | 10    | 0.03   | 0.013  | 0.03  | 0.05  | 0.005  | 0.05   | 0.025 | 0.3    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360646  | 10    | 1.7    | 0.03   | 0.01  | 0.4   | 0.005  | 0.05   | 0.08  | 4.9    | 0.6    | 9      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360647  | 10    | 1.1    | 0.042  | 0.06  | 0.5   | 0.09   | 0.05   | 0.43  | 4.6    | 2.8    | 7      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360664  | 10    | 1.36   | 0.035  | 0.05  | 0.05  | 0.005  | 0.05   | 0.82  | 2.9    | 0.9    | 10     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360683  | 10    | 0.07   | 0.006  | 0.03  | 0.05  | 1.56   | 0.05   | 1.73  | 2.8    | 0.25   | 2      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360690  | 10    | 0.07   | 0.006  | 0.02  | 0.05  | 0.05   | 0.05   | 0.025 | 2      | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360692  | 10    | 0.02   | 0.01   | 0.005 | 0.05  | 0.04   | 0.05   | 0.07  | 3.4    | 2.8    | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360694  | 10    | 0.48   | 0.002  | 0.005 | 0.05  | 0.02   | 0.05   | 0.025 | 0.4    | 0.25   | 2      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1360703  | 10    | 0.58   | 0.019  | 0.11  | 0.05  | 0.005  | 0.05   | 0.025 | 27.9   | 0.25   | 1      | 0.1    | ROCK   | 1DX      | WHI12000877 |

| SampleID | UTM      | Easting | Northing | Color   | Rocktype    | Hardness      | Texture                     |
|----------|----------|---------|----------|---|-------------|---------------|-----------------------------|
| 1363760  | NAD83-Z8 | 568194  | 7140300  |   |             |               |                             |
| 1363777  | NAD83-Z8 | 568237  | 7140364  |   |             |               |                             |
| 1363815  | NAD83-Z8 | 568207  | 7140359  |   |             |               |                             |
| 1363816  | NAD83-Z8 | 568206  | 7140357  |   |             |               |                             |
| 1363817  | NAD83-Z8 | 568205  | 7140444  |   |             |               |                             |
| 1363818  | NAD83-Z8 | 565364  | 7139323  |   |             |               |                             |
| 1363821  | NAD83-Z8 | 563631  | 7140822  |   |             |               |                             |
| 1363822  | NAD83-Z8 | 563735  | 7140838  |   |             |               |                             |
| 1363823  | NAD83-Z8 | 563761  | 7140788  |   |             |               |                             |
| 1363824  | NAD83-Z8 | 563751  | 7140727  |   |             |               |                             |
| 1369626  | NAD83-Z8 | 565772  | 7141919  | black/rusty                                       |             |               |                             |
| 1369627  | NAD83-Z8 | 565766  | 7141941  | black w. rust                                     | metamorphic |               | vein swarms                 |
| 1369628  | NAD83-Z8 | 565756  | 7141951  | pale green  | metamorphic | hard          | medium grained              |
| 1369629  | NAD83-Z8 | 563991  | 7139226  |   |             |               |                             |
| 1369631  | NAD83-Z8 | 564034  | 7139230  | black   | sedimentary | medium        | aphanitic. sulphides <1mm   |
| 1369632  | NAD83-Z8 | 564034  | 7139230  | black   | sedimentary | medium        | aphanitic. sulphides <.5mm  |
| 1369633  | NAD83-Z8 | 564149  | 7139143  | black   | metamorphic | hard, brittle | aphanitic. sulphides <.2mm  |
| 1369634  | NAD83-Z8 | 564177  | 7139170  | reddish brown                                     | metamorphic | brittle       | porous and mangled          |
| 1369635  | NAD83-Z8 | 564181  | 7139167  | green, black, grey                                | metamorphic | hard          | aphanitic w coloured bands  |
| 1369636  | NAD83-Z8 | 564204  | 7139275  | green   | metamorphic | hard          | phaneritic. greasy          |
| 1369637  | NAD83-Z8 | 564242  | 7139288  | green   | metamorphic | very hard     | phaneritic. greasy          |
| 1369638  | NAD83-Z8 | 564275  | 7139302  | rusty black                                       | metamorphic | medium        | aphanitic base w veins <2cm |
| 1369639  | NAD83-Z8 | 564395  | 7139374  | dark green  | igneous     | hard          | phaneritic, .5mm            |
| 1369640  | NAD83-Z8 | 564420  | 7139456  | dark and light green grains                       | igneous     | hard          | phaneritic, 1mm grains      |
| 1369641  | NAD83-Z8 | 564404  | 7139674  | light green                                       | igneous     | hard          | phaneritic                  |
| 1369642  | NAD83-Z8 | 564413  | 7139681  | light green                                       | igneous     | hard          | aphanitic                   |
| 1369643  | NAD83-Z8 | 565135  | 7140819  | purplish sphalerite in white to reddish calcite . | metamorphic | hard          | veiney                      |
| 1369644  | NAD83-Z8 | 565129  | 7140830  | white, purple                                     | metamorphic | very hard     | veiney, fine grained        |
| 1369645  | NAD83-Z8 | 565130  | 7140803  | very rusty  | metamorphic | soft          | brittle. foliated           |
| 1369646  | NAD83-Z8 | 565161  | 7140768  | green   | metamorphic | very hard     | phaneritic w veining        |
| 1369648  | NAD83-Z8 | 565153  | 7140674  |   |             |               |                             |
| 1369649  | NAD83-Z8 | 565175  | 7140672  | white   | metamorphic | very hard     | aphanitic                   |
| 1369650  | NAD83-Z8 | 566760  | 7141467  | Green   | igneous     | very hard     | phaneritic (1mm)            |

| SampleID | Magsus | StrikeDip | Outcropflo | Description  |
|----------|--------|-----------|------------|--|
| 1363760  | 0      |           |            |  |
| 1363777  | 0      |           |            |  |
| 1363815  | 0      |           |            |  |
| 1363816  | 0      |           |            |  |
| 1363817  | 0      |           |            |  |
| 1363818  | 0      |           |            |  |
| 1363821  | 0      |           |            |  |
| 1363822  | 0      |           |            |  |
| 1363823  | 0      |           |            |  |
| 1363824  | 0      |           |            |  |
| 1369626  | 19     |           | Float      | altered shale w. limonite, felsic veinlets   |
| 1369627  | 22     | 350/80E   | outcrop    | very veiny in dark shale host rock.limonite  |
| 1369628  | 414    |           | float      | red sphalerite and galena nodes in felsic host w. calcite vein   |
| 1369629  | 0      |           |            |  |
| 1369631  | 11     |           | float      | shale w limonite on fracture surfaces and disseminated sulphides   |
| 1369632  | 54     | 328/22E   | outcrop    | shale w limonite on fracture surfaces and soft yellow mineral in foliation. some sulphides in foliation                                |
| 1369633  | 12     | 380/60E   | outcrop    | altered shale w limonite on fracture surfaces and nodules. some sulphides nodules.   |
| 1369634  | 57     |           | float      | highly altered shale w limonite throughout. cubic pyrite <1mm  |
| 1369635  | 330    |           | float      | silicified shale w massive sulphides disseminated  |
| 1369636  | 804    | 174/40W   | outcrop    | calcite bands <1cm in heavy green rock. massive sulphides in calcite veins   |
| 1369637  | 7000   | 180/50W   | outcrop    | heavy green rock with veins of sulphides and hematite. massive sulphides in calcite veins  |
| 1369638  | 157    |           | float      | irregular quartz veins in limonitic altered shale.   |
| 1369639  | 749    | 192/35W   | outcrop    | few irregular quartz veins in green igneous with few disseminated sulphides  |
| 1369640  | 1002   |           | float      | mafic igneous with lotsof sulfides in irregular fractures  |
| 1369641  | 220    | 160/80SW  | outcrop    | mafic igneous with many small<1mm veinlets. contact with shale 1m uphill   |
| 1369642  | 542    | 188/58NW  | outcrop    | fine grained rock with green phenocrysts and massive sulphides disseminated <1cm nodes   |
| 1369643  | 289    | 130/78SW  | outcrop    | mineralization borders big calcite vein. massive sphalerite/lead stockworks/veins up to 3cm thick.                                     |
| 1369644  | 568    |           | outcrop    | mineralization borders big calcite vein [same as 1369643]. massive sphalerite/lead stockworks/veins up to 3cm thick. highly silicified |
| 1369645  | 440    | 326/72sw  | outcrop    | very altered material next to large quartz and calcite veins [<1m wide]. sulphides disseminated in material.some malachite staining.   |
| 1369646  | 324    | 175/60W   | outcrop    | silicified w quartz vein stockworks and lesser but larger calcite veins [associated with galena].                                      |
| 1369648  | 0      |           |            |  |
| 1369649  | 652    |           | float      | super silicified with massive sulphides disseminated throughout  |
| 1369650  | 1160   |           | float      | lime green veinlets associated with sulphides and malachite. Limonite on surface.  |

| SampleID | wgt_kg | au_ppb | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1363760  | 1.15   | 1      | 0.2    | 6      | 3.2    | 107    | 0.2    | 79.4   | 21     | 392    | 7.91   | 1.5    | 1.1   |
| 1363777  | 0.73   | 1      | 1.1    | 4.8    | 4.2    | 33     | 0.05   | 18.4   | 9.5    | 1742   | 2.99   | 5      | 1.1   |
| 1363815  | 0.87   | 1      | 0.05   | 3.6    | 4.9    | 36     | 0.05   | 29.4   | 8.2    | 247    | 3.17   | 0.8    | 0.7   |
| 1363816  | 1.18   | 1      | 0.05   | 1.7    | 1.6    | 39     | 0.05   | 27.4   | 13.9   | 252    | 3.32   | 0.9    | 0.6   |
| 1363817  | 1.57   | 1      | 0.2    | 5.7    | 5.5    | 77     | 0.05   | 53.4   | 20.2   | 480    | 5.25   | 5.2    | 0.6   |
| 1363818  | 0.76   | 1      | 0.7    | 7.5    | 416.1  | 874    | 0.3    | 28.2   | 6      | 1778   | 3.95   | 11.3   | 0.9   |
| 1363821  | 0.38   | 2      | 0.8    | 68.9   | 2.8    | 105    | 0.05   | 30.4   | 25.3   | 874    | 5.67   | 1.2    | 0.3   |
| 1363822  | 1.06   | 1      | 0.4    | 82.9   | 14.7   | 211    | 0.2    | 42     | 34.1   | 970    | 4.6    | 0.9    | 0.2   |
| 1363823  | 0.66   | 2      | 9.7    | 344.7  | 2782.8 | 2096   | 14.7   | 8.3    | 2.1    | 515    | 3.07   | 37.5   | 1.7   |
| 1363824  | 1.1    | 3      | 6.7    | 15.7   | 3283.8 | 10000  | 100    | 17     | 4.6    | 10000  | 37.99  | 319.8  | 12.2  |
| 1369626  | 1.16   | 8      | 9.1    | 88.8   | 211.3  | 3013   | 0.5    | 46.5   | 7.8    | 465    | 2.89   | 18.3   | 1.9   |
| 1369627  | 1.01   | 3      | 6.7    | 39.8   | 43.8   | 372    | 0.1    | 33.8   | 3.7    | 261    | 2.57   | 10     | 1.1   |
| 1369628  | 1.09   | 1      | 0.1    | 60.2   | 501.6  | 1587   | 0.5    | 73.8   | 36.9   | 919    | 4.12   | 9.8    | 0.05  |
| 1369629  | 0.27   | 5      | 15.4   | 16.6   | 11.9   | 78     | 0.1    | 13     | 1.1    | 186    | 1.56   | 1.6    | 2.2   |
| 1369631  | 0.45   | 5      | 8.3    | 20.6   | 69     | 170    | 0.4    | 34     | 8.4    | 335    | 4.8    | 62.6   | 2.1   |
| 1369632  | 0.32   | 25     | 12.4   | 54.1   | 601.5  | 283    | 3.1    | 6      | 0.7    | 118    | 10.22  | 226.1  | 1.2   |
| 1369633  | 0.6    | 1      | 1.8    | 31.2   | 33.9   | 70     | 0.3    | 34     | 11.6   | 111    | 0.36   | 61.9   | 0.6   |
| 1369634  | 0.47   | 1      | 2.9    | 37.6   | 135.5  | 74     | 0.8    | 8      | 5.9    | 719    | 6.06   | 31     | 0.2   |
| 1369635  | 0.78   | 1      | 2.3    | 78.2   | 103.8  | 56     | 0.4    | 30.6   | 30.8   | 439    | 5.32   | 59.2   | 0.2   |
| 1369636  | 0.56   | 3      | 0.6    | 169.2  | 20.8   | 85     | 0.4    | 27.3   | 26.1   | 836    | 8.05   | 2.1    | 0.2   |
| 1369637  | 0.72   | 3      | 0.5    | 68.1   | 42     | 61     | 0.1    | 17.9   | 24     | 579    | 4.7    | 0.25   | 0.05  |
| 1369638  | 0.61   | 1      | 13.2   | 91.5   | 111.3  | 976    | 1.2    | 23     | 5.8    | 2101   | 1.99   | 76.9   | 0.5   |
| 1369639  | 0.88   | 29     | 0.1    | 63.2   | 5      | 77     | 0.05   | 28.6   | 28.3   | 599    | 4.83   | 1      | 0.05  |
| 1369640  | 0.62   | 8      | 0.05   | 878.4  | 157.8  | 2070   | 0.9    | 24.2   | 52.4   | 864    | 8.54   | 13.2   | 0.05  |
| 1369641  | 0.65   | 3      | 0.2    | 159.3  | 6.7    | 396    | 0.3    | 47.8   | 21.5   | 844    | 4.46   | 0.8    | 0.2   |
| 1369642  | 0.39   | 1      | 0.7    | 100    | 15.6   | 101    | 0.3    | 60.7   | 38.2   | 806    | 5.59   | 4.7    | 0.3   |
| 1369643  | 0.77   | 8      | 0.1    | 422.7  | 1340.5 | 10000  | 20.8   | 47     | 33.3   | 2799   | 2.42   | 172    | 0.05  |
| 1369644  | 1.04   | 4      | 0.05   | 68.2   | 120.8  | 10000  | 1.1    | 29.3   | 15.7   | 6676   | 4.72   | 79     | 0.05  |
| 1369645  | 0.6    | 20     | 0.05   | 915.3  | 5436.5 | 2630   | 10.4   | 1614.4 | 342    | 992    | 23.46  | 50.1   | 0.05  |
| 1369646  | 0.57   | 4      | 0.05   | 195.5  | 2012.5 | 6604   | 1.9    | 80.9   | 46.2   | 942    | 3.42   | 4.5    | 0.05  |
| 1369648  | 0.52   | 1      | 0.05   | 54.2   | 42.3   | 187    | 0.1    | 34     | 20.9   | 4036   | 5.71   | 4.4    | 0.05  |
| 1369649  | 0.98   | 79     | 0.05   | 2317.6 | 10000  | 10000  | 11.1   | 162.7  | 139    | 6767   | 9.82   | 248.9  | 0.05  |
| 1369650  | 0.72   | 5      | 0.05   | 123.6  | 44.1   | 138    | 0.2    | 16.9   | 20.3   | 581    | 3.88   | 1.9    | 0.05  |

| SampleID | au_ppb | th_ppm | sr_ppm | cd_ppm | sb_ppm | bi_ppm | v_ppm | ca_pct | p_pct | la_ppm | cr_ppm | mg_pct | ba_ppm | ti_pct |
|----------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|
| 1363760  | 3.5    | 2.8    | 5      | 0.2    | 0.2    | 0.2    | 426   | 0.21   | 0.076 | 4      | 51     | 2.03   | 17     | 0.005  |
| 1363777  | 1.3    | 2.8    | 8      | 0.1    | 0.05   | 0.05   | 13    | 2.31   | 0.01  | 4      | 8      | 0.95   | 11     | 0.001  |
| 1363815  | 0.25   | 5.5    | 2      | 0.05   | 0.1    | 0.05   | 38    | 0.16   | 0.025 | 19     | 29     | 0.97   | 22     | 0.004  |
| 1363816  | 0.25   | 4.1    | 9      | 0.05   | 0.05   | 0.05   | 39    | 0.23   | 0.083 | 13     | 27     | 1.19   | 21     | 0.003  |
| 1363817  | 2.1    | 3.9    | 4      | 0.05   | 0.2    | 0.1    | 156   | 0.41   | 0.041 | 6      | 53     | 2.79   | 14     | 0.006  |
| 1363818  | 1.7    | 2.6    | 63     | 4.9    | 0.4    | 0.05   | 37    | 11.92  | 0.041 | 5      | 4      | 4.14   | 1042   | 0.002  |
| 1363821  | 0.7    | 2.6    | 36     | 0.05   | 0.6    | 0.05   | 106   | 1.28   | 0.181 | 26     | 37     | 1.77   | 25     | 0.19   |
| 1363822  | 1.1    | 1.6    | 40     | 0.1    | 0.3    | 0.2    | 74    | 1.26   | 0.207 | 18     | 39     | 1.92   | 12     | 0.214  |
| 1363823  | 0.6    | 3.8    | 2      | 9.7    | 32.2   | 0.4    | 20    | 0.06   | 0.085 | 10     | 2      | 0.03   | 10     | 0.001  |
| 1363824  | 2.9    | 0.6    | 119    | 45.5   | 19.6   | 0.4    | 1     | 0.27   | 0.02  | 1      | 2      | 0.33   | 2401   | 0.0005 |
| 1369626  | 0.25   | 6.6    | 5      | 11.6   | 0.5    | 0.3    | 90    | 0.51   | 0.105 | 7      | 32     | 2.18   | 85     | 0.002  |
| 1369627  | 0.25   | 5.7    | 3      | 1.7    | 0.7    | 0.05   | 71    | 0.4    | 0.115 | 9      | 31     | 2.46   | 18     | 0.003  |
| 1369628  | 3.9    | 0.05   | 7      | 5.8    | 0.5    | 0.05   | 86    | 0.54   | 0.021 | 0.5    | 139    | 2.49   | 21     | 0.116  |
| 1369629  | 0.8    | 8.9    | 4      | 1.3    | 2      | 0.05   | 27    | 0.22   | 0.145 | 21     | 15     | 1.61   | 33     | 0.003  |
| 1369631  | 1.4    | 8.3    | 0.5    | 1      | 2.5    | 0.6    | 64    | 0.07   | 0.06  | 5      | 21     | 3.26   | 15     | 0.002  |
| 1369632  | 4.4    | 6.2    | 1      | 0.6    | 23.1   | 5.1    | 50    | 0.02   | 0.042 | 8      | 11     | 1.02   | 19     | 0.128  |
| 1369633  | 1      | 1.2    | 2      | 0.8    | 0.9    | 0.2    | 18    | 0.17   | 0.055 | 23     | 8      | 0.1    | 40     | 0.049  |
| 1369634  | 0.8    | 0.8    | 0.5    | 0.05   | 1.5    | 0.3    | 257   | 0.1    | 0.034 | 2      | 97     | 7.44   | 10     | 0.143  |
| 1369635  | 0.25   | 1.1    | 0.5    | 0.1    | 1.6    | 0.2    | 184   | 0.3    | 0.051 | 3      | 92     | 5.52   | 13     | 0.22   |
| 1369636  | 2.3    | 0.3    | 10     | 0.05   | 0.05   | 0.4    | 233   | 2.42   | 0.045 | 4      | 4      | 2.58   | 26     | 0.207  |
| 1369637  | 1.6    | 0.4    | 69     | 0.05   | 0.3    | 0.05   | 159   | 1.97   | 0.058 | 3      | 2      | 1.56   | 17     | 0.171  |
| 1369638  | 0.8    | 5.7    | 6      | 7      | 6      | 5      | 26    | 3.98   | 0.133 | 5      | 3      | 1.08   | 20     | 0.002  |
| 1369639  | 1.8    | 0.5    | 11     | 0.05   | 0.1    | 0.05   | 107   | 0.44   | 0.054 | 6      | 21     | 2.2    | 9      | 0.092  |
| 1369640  | 3.7    | 0.5    | 4      | 9.5    | 2.4    | 0.05   | 270   | 0.91   | 0.077 | 5      | 3      | 3.71   | 5      | 0.074  |
| 1369641  | 0.9    | 3.8    | 15     | 0.9    | 0.5    | 0.05   | 75    | 0.82   | 0.13  | 21     | 125    | 1.69   | 10     | 0.162  |
| 1369642  | 0.25   | 1.9    | 12     | 0.4    | 0.3    | 0.05   | 162   | 1.59   | 0.135 | 18     | 40     | 3.16   | 25     | 0.231  |
| 1369643  | 5.9    | 0.05   | 10     | 1413.6 | 34.2   | 0.1    | 31    | 3.5    | 0.007 | 0.5    | 4      | 1.4    | 8      | 0.0005 |
| 1369644  | 0.25   | 0.05   | 25     | 194.8  | 1.7    | 0.05   | 33    | 8.8    | 0.004 | 0.5    | 7      | 3.8    | 98     | 0.002  |
| 1369645  | 7.1    | 0.05   | 4      | 14.6   | 3      | 1.9    | 21    | 1.43   | 0.006 | 0.5    | 7      | 0.56   | 7      | 0.0005 |
| 1369646  | 0.5    | 0.05   | 20     | 31.8   | 0.05   | 0.05   | 90    | 4.59   | 0.018 | 0.5    | 50     | 2.16   | 31     | 0.083  |
| 1369648  | 0.25   | 0.05   | 50     | 0.7    | 0.5    | 0.05   | 69    | 10.18  | 0.011 | 0.5    | 5      | 4.37   | 114    | 0.001  |
| 1369649  | 47.1   | 0.05   | 20     | 78.5   | 14.8   | 0.7    | 57    | 13.38  | 0.001 | 0.5    | 0.5    | 5.45   | 16     | 0.0005 |
| 1369650  | 7.3    | 0.2    | 13     | 0.4    | 1.2    | 0.2    | 258   | 1.07   | 0.03  | 1      | 2      | 1.17   | 9      | 0.274  |

| SampleID | b_ppm | al_pct | na_pct | k_pct | w_ppm | hg_ppm | tl_ppm | s_pct | sc_ppm | se_ppm | ga_ppm | te_ppm | sample | analysis | job_number  |
|----------|-------|--------|--------|-------|-------|--------|--------|-------|--------|--------|--------|--------|--------|----------|-------------|
| 1363760  | 10    | 3.27   | 0.003  | 0.21  | 0.05  | 0.005  | 0.05   | 0.09  | 6.8    | 0.25   | 10     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1363777  | 10    | 0.42   | 0.006  | 0.1   | 0.05  | 0.005  | 0.05   | 0.025 | 2.6    | 0.25   | 1      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1363815  | 10    | 1.59   | 0.0005 | 0.21  | 0.05  | 0.01   | 0.1    | 0.025 | 1.6    | 0.25   | 5      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1363816  | 10    | 1.78   | 0.002  | 0.18  | 0.05  | 0.01   | 0.05   | 0.025 | 1.8    | 0.9    | 5      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1363817  | 10    | 3.16   | 0.0005 | 0.13  | 0.05  | 0.005  | 0.05   | 0.19  | 5.1    | 1      | 9      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1363818  | 10    | 0.15   | 0.004  | 0.02  | 0.05  | 0.14   | 0.05   | 0.025 | 4      | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1363821  | 10    | 2.29   | 0.012  | 0.1   | 0.05  | 0.005  | 0.05   | 0.07  | 4.1    | 0.25   | 10     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1363822  | 10    | 2.29   | 0.03   | 0.03  | 0.05  | 0.07   | 0.05   | 0.025 | 2.5    | 0.25   | 9      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1363823  | 10    | 0.19   | 0.005  | 0.13  | 0.05  | 0.15   | 0.05   | 0.07  | 2.4    | 2.1    | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1363824  | 10    | 0.05   | 0.009  | 0.14  | 0.1   | 0.21   | 0.05   | 0.025 | 1.1    | 0.25   | 3      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369626  | 10    | 1.75   | 0.028  | 0.03  | 0.2   | 0.55   | 0.05   | 0.13  | 3.5    | 0.8    | 9      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369627  | 10    | 2.02   | 0.02   | 0.05  | 0.2   | 0.06   | 0.05   | 0.05  | 3      | 0.25   | 8      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369628  | 10    | 2.79   | 0.027  | 0.01  | 0.05  | 0.08   | 0.05   | 0.025 | 2.3    | 0.25   | 4      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369629  | 10    | 1.41   | 0.005  | 0.22  | 0.05  | 0.005  | 0.2    | 0.025 | 1.8    | 0.25   | 4      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369631  | 10    | 2.56   | 0.0005 | 0.23  | 0.1   | 0.02   | 0.2    | 2.8   | 1.6    | 1.9    | 7      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369632  | 10    | 1.02   | 0.001  | 0.17  | 0.05  | 0.55   | 0.2    | 0.32  | 1.1    | 9.3    | 6      | 0.6    | ROCK   | 1DX      | WHI12000877 |
| 1369633  | 10    | 0.5    | 0.005  | 0.26  | 0.05  | 0.005  | 0.3    | 0.025 | 4.8    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369634  | 10    | 5.38   | 0.0005 | 0.06  | 0.05  | 0.03   | 0.2    | 0.47  | 10.2   | 2.7    | 13     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369635  | 10    | 3.87   | 0.0005 | 0.13  | 0.2   | 0.01   | 0.2    | 2.09  | 10.1   | 2.1    | 9      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369636  | 10    | 3.32   | 0.008  | 0.03  | 0.1   | 0.005  | 0.05   | 0.05  | 13.3   | 0.25   | 13     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369637  | 10    | 2.4    | 0.143  | 0.14  | 0.05  | 0.005  | 0.1    | 0.11  | 11     | 0.25   | 9      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369638  | 10    | 0.19   | 0.004  | 0.13  | 0.05  | 0.005  | 0.05   | 0.025 | 3      | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369639  | 10    | 2.69   | 0.023  | 0.02  | 0.05  | 0.005  | 0.05   | 0.025 | 4.5    | 0.25   | 7      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369640  | 10    | 4.46   | 0.01   | 0.04  | 0.05  | 0.16   | 0.05   | 0.2   | 13.8   | 0.25   | 17     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369641  | 10    | 2.35   | 0.022  | 0.03  | 0.2   | 0.03   | 0.05   | 0.025 | 2.2    | 0.25   | 9      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369642  | 10    | 3.49   | 0.024  | 0.16  | 0.1   | 0.005  | 0.05   | 0.43  | 7.7    | 0.25   | 12     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369643  | 10    | 0.14   | 0.005  | 0.1   | 0.05  | 7.64   | 0.05   | 7.42  | 20.6   | 0.6    | 4      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369644  | 10    | 0.16   | 0.007  | 0.09  | 0.05  | 1.47   | 0.05   | 1.87  | 9.8    | 0.7    | 2      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369645  | 10    | 0.11   | 0.011  | 0.04  | 0.05  | 0.4    | 0.05   | 4.79  | 4.4    | 11.9   | 0.5    | 0.3    | ROCK   | 1DX      | WHI12000877 |
| 1369646  | 10    | 1.73   | 0.03   | 0.11  | 0.05  | 0.48   | 0.05   | 0.33  | 9.7    | 1.6    | 5      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369648  | 10    | 0.28   | 0.005  | 0.19  | 0.05  | 0.02   | 0.05   | 0.025 | 19.5   | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369649  | 10    | 0.1    | 0.013  | 0.05  | 0.05  | 0.29   | 0.05   | 3.16  | 2.4    | 12.9   | 2      | 0.3    | ROCK   | 1DX      | WHI12000877 |
| 1369650  | 10    | 1.78   | 0.034  | 0.03  | 0.05  | 0.005  | 0.1    | 0.025 | 3      | 0.25   | 7      | 0.1    | ROCK   | 1DX      | WHI12000877 |

| SampleID | UTM      | Easting | Northing | Color   | Rocktype              | Hardness     | Texture                             |
|----------|----------|---------|----------|---|-----------------------|--------------|-------------------------------------|
| 1369651  | NAD83-Z8 | 565758  | 7141934  | black, rusty  |                       | brittle      | weathered                           |
| 1369652  | NAD83-Z8 | 565730  | 7141876  | dark grey with rust   | sedimentary           | soft         | shale like with crumbly alterations |
| 1369695  | NAD83-Z8 | 566686  | 7141516  | Bluish grey, green, grey  | igneous               | medium (5-6) | Medium grain, brittle               |
| 1369696  | NAD83-Z8 | 566682  | 7141519  | dark and light grey, dark green   | igneous               | Hard         | Large crystals                      |
| 1369697  | NAD83-Z8 | 566460  | 7141483  | bluish grey wuth reddish brown and dark blue alterations                    | igneous               | Hard         | Medium grain                        |
| 1369698  | NAD83-Z8 | 566445  | 7141431  | Bluish grey with orange rust and coppery green staining, dark blue staining | igneous               | medium       | Medium grain                        |
| 1369699  | NAD83-Z8 | 566491  | 7141272  | Bluish grey with orange rust and reddish brown + purple staining            | igneous               | Hard         | Medium to fine grain                |
| 1369700  | NAD83-Z8 | 566658  | 7141241  | White with dark grey shale chunks   | partially sedimentary | Hard         | Large crystals                      |
| 1369701  | NAD83-Z8 | 566761  | 7141526  | Green   | igneous               | very hard    | fine grained                        |
| 1369702  | NAD83-Z8 | 566729  | 7141525  | dark and light minerals   | igneous               | hard         | Pegmatite                           |
| 1369703  | NAD83-Z8 | 566660  | 7141540  | dark green and cream  | metamorphic           | hard         | coarse grained (2-4mm)              |
| 1369704  | NAD83-Z8 | 566640  | 7141549  | dark green  | metamorphic           | hard         | fine grained                        |
| 1369705  | NAD83-Z8 | 566539  | 7141530  | dark red and orange and yellow  | metamorphic           | brittle      | coarse grained                      |
| 1369706  | NAD83-Z8 | 566443  | 7141557  | greenish and rusty  | igneous               | hard         |                                     |
| 1369707  | NAD83-Z8 | 566423  | 7141487  | light coloured  | igneous               | Hard         | coarse grained (1mm)                |
| 1369708  | NAD83-Z8 | 566464  | 7141379  | Dark green, light green and purple quartz                                   | metamorphic           | very hard    | coarse grained (1mm)                |
| 1369709  | NAD83-Z8 | 566457  | 7141261  | Dark Green  |                       | hard         |                                     |
| 1369710  | NAD83-Z8 | 566469  | 7141279  | dark green  | metamorphic           | hard         | coarse grained                      |
| 1369711  | NAD83-Z8 | 566484  | 7141302  | dark green, cream   | metamorphic           | hard         | fine grained                        |
| 1369712  | NAD83-Z8 | 566657  | 7141246  | grey, white   |                       | very hard    | aphanitic                           |
| 1369713  | NAD83-Z8 | 566656  | 7141244  | grey, white   |                       | very hard    | aphanitic                           |
| 1369714  | NAD83-Z8 | 566657  | 7141241  | White with dark grey shale chunks   | partially sedimentary | Hard         | Large crystals                      |

| SampleID | Magsus | StrikeDip       | Outcropflo                           | Description   |
|----------|--------|-----------------|--------------------------------------|---|
| 1369651  | 0      |                 | float                                | lots of limonite  |
| 1369652  | 30     | 48/52E          | outcrop                              | highly altered with limonite  |
| 1369695  | 360    |                 | Outcrop                              | Altered granite-like, in recessive zone, mineralized, stained. Taken from fractured outcrop.  |
| 1369696  | 600    |                 | Float                                | Granite pegmatite with reddish brown coppery metallic minerals, slightly altered. Fractured outcrop beside.   |
| 1369697  | 0      |                 | Float                                | Igneous rock mostly composed of darker crystals, rusted and stained with sulfides. Taken in talus.  |
| 1369698  | 0      |                 | Float                                | Igneous, gabbro-like, altered with sulfides : chalcopyrite, pyrite. Calcite or dolomite crystals, partially brittle. Copper staining  |
| 1369699  | 0      | East/ 48 NE     | Outcrop                              | Igneous rock with silvery pyrite, little chalcopyrite, purple and red stains. Taken from fractured rusty outcrop.   |
| 1369700  | 0      |                 | Outcrop                              | Taken from quartz vein with sulfides and dark blue metallic minerals. Highly fractured. Brecciated with dolomite and shale.   |
| 1369701  | 568    | 016/34E (outcro | Outcrop                              | asbestos fibres and sulphides in fractures  |
| 1369702  | 445    |                 | Float                                | Pegmatite in float at base of unrelated outcrop. No metallic mineralization.  |
| 1369703  | 800    |                 | Float                                | Silicified Mafic and Felsic contact with crosscutting vein containing sulphides.  |
| 1369704  | 800    |                 | Float                                | Mafic with disseminated nodules of fine grained, dark sulfide and large crystals of pyrite(gold). Some veining. From soil sample PBR00286.  |
| 1369705  | 0      |                 | Float                                | Highly altered with rust/limonite. Sulfides throughout.   |
| 1369706  | 800    | 290/50S         | Outcrop                              | altered section of outcrop. Minor occurrence of sulfides. Lots of rust.   |
| 1369707  | 420    |                 | Float                                | Felsic granite with malachite in fracture vein.   |
| 1369708  | 0      |                 | Float                                | Silicified mafic with purple quartz veining and light green fibrous crystal structure veining. Chalcopyrite and malachite throughout all rock types.                                      |
| 1369709  | 5000   | 205/50W         | Outcrop                              | Metalic and submetallic sulphides in fractures of outcrop. Rusty zones associated with mineralization.  |
| 1369710  | 520    |                 | Float                                | very rusty alteration with lots of metallic sulphides and quartz veins in mafic host.   |
| 1369711  | 150    |                 | Float                                | Calcite vein in mafic hosting massive chalcopyrite (<5mm) and malachite.  |
| 1369712  | 52     | Qrtz:195/85W C  | Quartz vein<br>A in chert<br>Outcrop | Quartz vein (1.5m wide) crosscutting chert rock unit. Sample taken from silicified quartz chert breccia with some small metallic sulfides (chalcopyrite?) in quartz. Minor rust in chert. |
| 1369713  | 81     | Qrtz:195/85W C  | Quartz vein<br>A in chert<br>Outcrop | Silicified chert with small quartz veins and dark green nodules. Rusty outcrop.   |
| 1369714  | 18     |                 | Outcrop                              | Quartz vein, brecciated with shale, has dark blue stains and orange rust.   |

| SampleID | wgt_kg | au_ppb | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1369651  | 0.98   | 17     | 12.8   | 68     | 148.5  | 466    | 0.7    | 16.1   | 2.2    | 274    | 2.7    | 136.3  | 1.4   |
| 1369652  | 0.97   | 42     | 41.1   | 186.1  | 1078.5 | 547    | 5.7    | 44     | 7.4    | 203    | 5.48   | 267    | 4     |
| 1369695  | 0.63   | 1      | 0.1    | 15.4   | 1.6    | 44     | 0.05   | 62.1   | 32.2   | 1143   | 5.14   | 50.3   | 0.05  |
| 1369696  | 0.59   | 2      | 0.05   | 31.2   | 0.9    | 26     | 0.05   | 1.6    | 14.2   | 431    | 2.5    | 1.4    | 0.05  |
| 1369697  | 0.59   | 1      | 0.2    | 114.9  | 4.6    | 69     | 0.2    | 1.6    | 26     | 481    | 4.87   | 0.7    | 0.05  |
| 1369698  | 0.69   | 15     | 0.3    | 1113.8 | 23.8   | 48     | 1.9    | 6.8    | 47.8   | 628    | 4.96   | 6.4    | 0.05  |
| 1369699  | 0.89   | 9      | 0.2    | 418    | 30.8   | 85     | 1      | 20.4   | 155.6  | 694    | 11.33  | 8.1    | 0.05  |
| 1369700  | 0.4    | 1      | 0.1    | 12.2   | 3.1    | 44     | 0.2    | 5.2    | 1.9    | 403    | 0.49   | 2.5    | 0.05  |
| 1369701  | 0.8    | 2      | 0.05   | 116.6  | 24.1   | 84     | 0.3    | 36.8   | 19.1   | 462    | 2.58   | 1.1    | 0.05  |
| 1369702  | 0.65   | 1      | 0.05   | 26.3   | 4.9    | 37     | 0.2    | 10     | 9.7    | 339    | 1.46   | 1.2    | 0.05  |
| 1369703  | 0.77   | 6      | 0.05   | 244.3  | 35.7   | 61     | 0.7    | 7.8    | 17.3   | 356    | 2.7    | 5.3    | 0.05  |
| 1369704  | 1      | 12     | 0.05   | 144.4  | 2.1    | 80     | 0.3    | 38.2   | 49.4   | 2324   | 9.32   | 6.6    | 0.05  |
| 1369705  | 0.9    | 6      | 0.9    | 163.5  | 6.7    | 38     | 0.6    | 6.5    | 19.5   | 382    | 6.09   | 4.9    | 0.2   |
| 1369706  | 0.74   | 6      | 0.2    | 1374.4 | 23.3   | 506    | 2.7    | 9.5    | 31     | 569    | 6.41   | 4.4    | 0.05  |
| 1369707  | 0.78   | 52     | 0.2    | 1050.9 | 10.6   | 104    | 2.7    | 5.6    | 30.7   | 739    | 5.33   | 17.8   | 0.05  |
| 1369708  | 1.34   | 21     | 0.05   | 1058.4 | 10.5   | 29     | 2.8    | 4.2    | 9.8    | 700    | 1.5    | 0.5    | 0.05  |
| 1369709  | 0.64   | 4      | 0.1    | 175.6  | 14.3   | 82     | 0.6    | 3.3    | 118.6  | 1599   | 13.77  | 6.6    | 0.3   |
| 1369710  | 0.8    | 97     | 0.2    | 2493   | 269.4  | 209    | 11.9   | 86.1   | 295.4  | 5826   | 11.65  | 420.1  | 0.2   |
| 1369711  | 0.66   | 14     | 0.2    | 10000  | 6.7    | 83     | 38     | 1.9    | 17.4   | 6184   | 9.78   | 0.25   | 0.05  |
| 1369712  | 0.84   | 2      | 1.4    | 139.6  | 11.2   | 55     | 0.2    | 21.6   | 5.8    | 208    | 2.16   | 3      | 0.4   |
| 1369713  | 0.66   | 3      | 2.9    | 7.4    | 6.3    | 38     | 0.05   | 15.7   | 3.3    | 178    | 2.42   | 5.9    | 0.7   |
| 1369714  | 0.64   | 1      | 0.2    | 4.7    | 0.9    | 30     | 0.05   | 9      | 3.2    | 262    | 1.05   | 0.7    | 0.1   |

| SampleID | au_ppb | th_ppm | sr_ppm | cd_ppm | sb_ppm | bi_ppm | v_ppm | ca_pct | p_pct | la_ppm | cr_ppm | mg_pct | ba_ppm | ti_pct |
|----------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|
| 1369651  | 0.25   | 4.8    | 3      | 1.9    | 3      | 0.3    | 57    | 0.18   | 0.061 | 10     | 14     | 1.01   | 30     | 0.007  |
| 1369652  | 1.3    | 5      | 3      | 1.5    | 5.8    | 26.6   | 10    | 0.04   | 0.098 | 6      | 5      | 0.03   | 18     | 0.001  |
| 1369695  | 1      | 0.05   | 5      | 0.05   | 0.8    | 0.2    | 183   | 1.97   | 0.024 | 1      | 5      | 2.51   | 12     | 0.003  |
| 1369696  | 0.25   | 0.6    | 7      | 0.05   | 0.05   | 0.05   | 19    | 0.5    | 0.068 | 3      | 1      | 0.69   | 19     | 0.146  |
| 1369697  | 2.5    | 0.4    | 8      | 0.1    | 0.3    | 0.05   | 23    | 0.43   | 0.078 | 2      | 0.5    | 0.55   | 44     | 0.086  |
| 1369698  | 10.3   | 0.2    | 4      | 0.1    | 1.3    | 0.05   | 147   | 0.57   | 0.045 | 2      | 0.5    | 0.94   | 12     | 0.149  |
| 1369699  | 28.7   | 0.6    | 6      | 0.1    | 1.3    | 0.05   | 126   | 0.23   | 0.081 | 3      | 0.5    | 1.41   | 37     | 0.068  |
| 1369700  | 0.25   | 0.2    | 12     | 0.2    | 2.7    | 0.05   | 8     | 2      | 0.002 | 1      | 6      | 0.22   | 6      | 0.0005 |
| 1369701  | 0.25   | 0.05   | 15     | 0.05   | 0.6    | 0.05   | 87    | 0.59   | 0.021 | 0.5    | 15     | 1.39   | 6      | 0.165  |
| 1369702  | 0.25   | 0.4    | 5      | 0.05   | 1      | 0.05   | 87    | 1.21   | 0.09  | 3      | 0.5    | 0.62   | 2      | 0.242  |
| 1369703  | 24.3   | 0.3    | 7      | 0.05   | 0.3    | 0.05   | 268   | 1.59   | 0.061 | 4      | 0.5    | 0.79   | 26     | 0.374  |
| 1369704  | 8.8    | 0.2    | 41     | 0.05   | 0.2    | 0.05   | 551   | 5.2    | 0.028 | 3      | 0.5    | 3.71   | 7      | 0.106  |
| 1369705  | 3.6    | 1.6    | 6      | 0.05   | 1.1    | 0.1    | 102   | 0.39   | 0.098 | 5      | 2      | 0.75   | 51     | 0.12   |
| 1369706  | 1.2    | 0.3    | 16     | 0.9    | 0.8    | 0.05   | 235   | 0.75   | 0.04  | 12     | 0.5    | 1.2    | 20     | 0.214  |
| 1369707  | 29.9   | 0.3    | 10     | 0.2    | 0.9    | 0.4    | 209   | 4.57   | 0.061 | 6      | 0.5    | 1.86   | 10     | 0.233  |
| 1369708  | 24     | 0.05   | 8      | 0.05   | 0.05   | 0.05   | 83    | 2.83   | 0.022 | 0.5    | 2      | 0.26   | 3      | 0.217  |
| 1369709  | 4.8    | 0.4    | 11     | 0.05   | 1.7    | 0.05   | 33    | 0.7    | 0.072 | 4      | 4      | 1.64   | 40     | 0.2    |
| 1369710  | 109.8  | 0.05   | 30     | 1.4    | 7.8    | 4.9    | 35    | 8.5    | 0.006 | 4      | 2      | 3.06   | 9      | 0.003  |
| 1369711  | 9.2    | 0.05   | 57     | 0.6    | 1.8    | 0.05   | 149   | 11.25  | 0.012 | 3      | 0.5    | 4.15   | 6      | 0.003  |
| 1369712  | 0.25   | 2.9    | 4      | 0.05   | 0.05   | 0.05   | 85    | 0.09   | 0.012 | 1      | 25     | 2.31   | 5      | 0.003  |
| 1369713  | 0.8    | 3.9    | 3      | 0.05   | 0.6    | 0.05   | 101   | 0.05   | 0.027 | 8      | 29     | 1.84   | 9      | 0.003  |
| 1369714  | 0.25   | 0.8    | 4      | 0.05   | 0.05   | 0.05   | 21    | 0.05   | 0.004 | 1      | 21     | 0.58   | 5      | 0.0005 |

| SampleID | b_ppm | al_pct | na_pct | k_pct | w_ppm | hg_ppm | tl_ppm | s_pct | sc_ppm | se_ppm | ga_ppm | te_ppm | sample | analysis | job_number  |
|----------|-------|--------|--------|-------|-------|--------|--------|-------|--------|--------|--------|--------|--------|----------|-------------|
| 1369651  | 10    | 1.02   | 0.013  | 0.15  | 0.2   | 0.21   | 0.1    | 0.09  | 1.7    | 4.6    | 4      | 0.2    | ROCK   | 1DX      | WHI12000877 |
| 1369652  | 10    | 0.29   | 0.008  | 0.21  | 0.2   | 0.21   | 0.2    | 0.2   | 1.7    | 7.8    | 0.5    | 0.7    | ROCK   | 1DX      | WHI12000877 |
| 1369695  | 10    | 3.06   | 0.0005 | 0.18  | 0.05  | 0.005  | 0.05   | 0.025 | 14.4   | 0.25   | 8      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369696  | 10    | 0.96   | 0.053  | 0.08  | 0.05  | 0.005  | 0.05   | 0.05  | 3.5    | 0.25   | 5      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369697  | 10    | 1.55   | 0.039  | 0.05  | 0.05  | 0.005  | 0.05   | 0.08  | 2.9    | 0.25   | 6      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369698  | 10    | 1.63   | 0.043  | 0.02  | 0.05  | 0.005  | 0.05   | 0.48  | 5.7    | 1.4    | 8      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369699  | 10    | 2.22   | 0.041  | 0.25  | 0.05  | 0.01   | 0.3    | 3.6   | 18.8   | 5.5    | 12     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369700  | 10    | 0.18   | 0.022  | 0.01  | 0.05  | 0.005  | 0.05   | 0.06  | 2      | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369701  | 10    | 1.56   | 0.035  | 0.03  | 0.05  | 0.005  | 0.05   | 0.025 | 2.8    | 0.25   | 5      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369702  | 10    | 0.67   | 0.038  | 0.005 | 0.05  | 0.005  | 0.05   | 0.025 | 1.3    | 0.25   | 4      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369703  | 10    | 0.87   | 0.048  | 0.01  | 0.05  | 0.005  | 0.05   | 0.09  | 7.8    | 0.25   | 4      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369704  | 10    | 4.25   | 0.014  | 0.62  | 0.05  | 0.005  | 0.5    | 0.05  | 37     | 0.25   | 14     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369705  | 10    | 1.49   | 0.041  | 0.06  | 0.05  | 0.005  | 0.05   | 1.18  | 6.2    | 3.5    | 11     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369706  | 10    | 1.85   | 0.018  | 0.06  | 0.05  | 0.22   | 0.05   | 0.05  | 14     | 0.9    | 13     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369707  | 10    | 2.47   | 0.014  | 0.01  | 0.05  | 0.01   | 0.05   | 0.25  | 16.5   | 0.7    | 7      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369708  | 455   | 0.67   | 0.019  | 0.005 | 0.1   | 0.005  | 0.05   | 0.11  | 1.5    | 0.25   | 3      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369709  | 21    | 3.33   | 0.014  | 0.22  | 0.05  | 0.005  | 0.3    | 1.59  | 6.6    | 2.7    | 28     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369710  | 10    | 0.17   | 0.018  | 0.08  | 0.05  | 0.05   | 0.05   | 5.05  | 6.5    | 23.6   | 1      | 2.2    | ROCK   | 1DX      | WHI12000877 |
| 1369711  | 10    | 1.11   | 0.018  | 0.005 | 0.05  | 0.04   | 0.05   | 1.66  | 24.6   | 22     | 5      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369712  | 10    | 1.69   | 0.015  | 0.01  | 0.05  | 0.005  | 0.05   | 0.07  | 2.4    | 0.25   | 5      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369713  | 10    | 1.57   | 0.02   | 0.03  | 0.05  | 0.005  | 0.05   | 0.025 | 2.1    | 0.25   | 5      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369714  | 10    | 0.48   | 0.024  | 0.02  | 0.05  | 0.005  | 0.05   | 0.025 | 1.9    | 0.25   | 1      | 0.1    | ROCK   | 1DX      | WHI12000877 |

| SampleID | UTM      | Easting | Northing | Color   | Rocktype              | Hardness    | Texture        |
|----------|----------|---------|----------|---|-----------------------|-------------|----------------|
| 1369715  | NAD83-Z8 | 566652  | 7141244  | grey  |                       | very hard   | aphanitic      |
| 1369716  | NAD83-Z8 | 566650  | 7141241  | white, grey   |                       | very hard   | aphanitic      |
| 1369717  | NAD83-Z8 | 566607  | 7141216  | white, rust   |                       | very hard   | aphanitic      |
| 1369718  | NAD83-Z8 | 566656  | 7141176  | dark grey   |                       | hard        | fine grained   |
| 1369719  | NAD83-Z8 | 566647  | 7141144  | dark grey   |                       | hard        | fine grained   |
| 1369720  | NAD83-Z8 | 566637  | 7141147  | white   |                       | hard        | fine grained   |
| 1369721  | NAD83-Z8 | 566641  | 7141144  | white   |                       | hard        | fine grained   |
| 1369722  | NAD83-Z8 | 566663  | 7141147  | dark green  |                       | hard        | fine grained   |
| 1369723  | NAD83-Z8 | 565110  | 7139712  | yellow, cream   | metamorphic           | medium hard | fine grained   |
| 1369724  | NAD83-Z8 | 565112  | 7139709  | light brown, silvery metallic   |                       | medium hard | fine grained   |
| 1369725  | NAD83-Z8 | 565110  | 7139695  | blue, green, black, gold  |                       | hard        |                |
| 1369726  | NAD83-Z8 | 566637  | 7141233  | White with dark grey shale chunks and light grey, red and metal blue stains | partially sedimentary | Hard        | Large crystals |

| SampleID | Magsus | StrikeDip      | Outcropflo                                     | Description  |
|----------|--------|----------------|--|--|
| 1369715  | 50     | Qrtz:195/85W C | Quartz vein<br>A in chert<br>Outcrop           | Silicified chert within quartz vein with pyrite disseminated and along fracture surfaces.  |
| 1369716  | 63     | Qrtz:195/85W C | Quartz vein<br>A in chert<br>Outcrop           | Quartz breccia. Chalcopyrite (uo to 2mm) and malachite in quartz. Taken from SE edge of vein.  |
| 1369717  | 23     | Qrtz:195/85W C | Quartz vein<br>A in chert<br>Outcrop           | Quartz vein (1.5m wide). Mostly quartz with minor metallic sulfides occurrence (<1.5mm) and many rust pockets.   |
| 1369718  | 207    | 240/74NW       | Float  | well disseminated, dark metallic mineral. Very rusty.  |
| 1369719  | 267    | 240/74NW       | Quartz vein<br>B in<br>chert/shale?<br>Outcrop | Silicified Brecciated shale in quartz vein (2m wide)a.   |
| 1369720  | 270    | 240/74NW       | Quartz vein<br>B in<br>chert/shale?<br>Outcrop | silicified calcite/dolomite in quartz vein (1.5m wide). Some galena.   |
| 1369721  | 40     | 240/74NW       | float on<br>quartz vein<br>B                   | Silicified calcite/dolomite with quartz veining. Chalcopyrite nodes with quartz.   |
| 1369722  | 292    | 240/74NW       | Quartz vein<br>B in<br>chert/shale?<br>Outcrop | Silicified mafic with quartz veins on south contact of quartz vein. Minor occurrence of sulfides   |
| 1369723  | 0      |                | Float in<br>rusty zone A                       | large pockets of rust, criss-crossed by quartz veins, spalerite nodules and veinlets. Yellow staining in creamy felsic. From orange blowout, 1m from northern contact. |
| 1369724  | 12     |                | Float in<br>rusty zone A                       | Massive galena in rusty, very altered, pocked rock.  |
| 1369725  | 0      |                | Float in<br>rusty zone A                       | Vein of malachite, aurite, bornite (3cm wide) in very rusty rock.  |
| 1369726  | 28     |                | Outcrop  | Rusted quartz, brecciated with shale and limestone-like rock, highly fractured outcrop. Sulfides. Metallic blue staining.  |

| SampleID | wgt_kg | au_ppb | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1369715  | 0.81   | 1      | 2.3    | 3.6    | 0.9    | 68     | 0.05   | 39.2   | 8.2    | 322    | 4.1    | 5.1    | 1.5   |
| 1369716  | 1.17   | 1      | 0.05   | 207.7  | 2.6    | 18     | 0.3    | 4.4    | 1.4    | 1223   | 1.63   | 0.5    | 0.05  |
| 1369717  | 0.56   | 5      | 0.3    | 69     | 146.1  | 246    | 0.4    | 5      | 1.4    | 201    | 0.8    | 26     | 0.05  |
| 1369718  | 0.99   | 10     | 19.6   | 124.5  | 199.9  | 169    | 0.7    | 88.7   | 13.4   | 289    | 4.31   | 30.2   | 4.4   |
| 1369719  | 0.66   | 5      | 7.6    | 9.9    | 35.5   | 112    | 0.05   | 53.5   | 13.7   | 598    | 4.53   | 1.9    | 3.4   |
| 1369720  | 1.3    | 1      | 0.05   | 20.6   | 1097.3 | 174    | 0.3    | 0.5    | 0.9    | 1973   | 0.17   | 0.25   | 0.05  |
| 1369721  | 1.14   | 4      | 0.2    | 879.2  | 38.5   | 81     | 1.7    | 0.8    | 0.9    | 1344   | 0.17   | 0.25   | 0.05  |
| 1369722  | 0.98   | 3      | 0.1    | 10.1   | 16.7   | 114    | 0.05   | 55.6   | 22.9   | 773    | 7.27   | 2.5    | 0.1   |
| 1369723  | 0.57   | 5      | 0.8    | 443.2  | 3317.2 | 10000  | 22.8   | 65.8   | 32.9   | 729    | 1.63   | 183    | 0.4   |
| 1369724  | 1.06   | 17     | 0.8    | 714.6  | 10000  | 10000  | 72.2   | 29.9   | 12     | 162    | 0.89   | 214.5  | 1.6   |
| 1369725  | 0.53   | 23     | 1.1    | 10000  | 2846   | 10000  | 100    | 243.6  | 28.5   | 5778   | 9.04   | 10000  | 1.3   |
| 1369726  | 0.5    | 1      | 1.1    | 6      | 7.5    | 23     | 0.05   | 24.6   | 10     | 831    | 2.71   | 13.6   | 1     |

| SampleID | au_ppb | th_ppm | sr_ppm | cd_ppm | sb_ppm | bi_ppm | v_ppm | ca_pct | p_pct  | la_ppm | cr_ppm | mg_pct | ba_ppm | ti_pct |
|----------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 1369715  | 0.25   | 7.6    | 2      | 0.05   | 0.05   | 0.05   | 100   | 0.17   | 0.068  | 4      | 47     | 4.27   | 12     | 0.004  |
| 1369716  | 0.25   | 0.7    | 25     | 0.05   | 0.05   | 0.05   | 60    | 3.58   | 0.001  | 3      | 13     | 1.87   | 2      | 0.001  |
| 1369717  | 2.2    | 0.3    | 6      | 0.9    | 1.6    | 0.05   | 9     | 0.09   | 0.002  | 2      | 14     | 0.42   | 9      | 0.0005 |
| 1369718  | 0.25   | 5.6    | 2      | 0.8    | 2.3    | 0.05   | 235   | 0.1    | 0.084  | 6      | 68     | 2.59   | 14     | 0.005  |
| 1369719  | 0.7    | 7.1    | 3      | 0.2    | 0.1    | 0.3    | 115   | 0.22   | 0.078  | 4      | 28     | 3.66   | 7      | 0.052  |
| 1369720  | 1.2    | 0.05   | 182    | 1.1    | 0.1    | 0.05   | 1     | 27.86  | 0.002  | 20     | 2      | 0.05   | 4      | 0.003  |
| 1369721  | 3      | 0.05   | 120    | 0.8    | 0.05   | 0.05   | 1     | 19.88  | 0.0005 | 4      | 2      | 0.04   | 2      | 0.0005 |
| 1369722  | 3.7    | 0.1    | 2      | 0.05   | 0.1    | 0.05   | 288   | 0.26   | 0.042  | 1      | 137    | 4.44   | 29     | 0.085  |
| 1369723  | 6.7    | 0.05   | 4      | 1707.8 | 8.5    | 0.05   | 13    | 1.15   | 0.004  | 0.5    | 14     | 0.67   | 34     | 0.0005 |
| 1369724  | 3.8    | 0.05   | 4      | 1548   | 27.3   | 0.05   | 6     | 0.11   | 0.002  | 0.5    | 9      | 0.13   | 5      | 0.0005 |
| 1369725  | 13     | 0.1    | 28     | 132.6  | 2000   | 0.9    | 7     | 14.11  | 0.002  | 0.5    | 3      | 3.45   | 22     | 0.0005 |
| 1369726  | 8.6    | 5.6    | 11     | 0.2    | 0.5    | 0.05   | 67    | 1.33   | 0.038  | 2      | 19     | 1.85   | 21     | 0.002  |

| SampleID | b_ppm | al_pct | na_pct | k_pct | w_ppm | hg_ppm | tl_ppm | s_pct | sc_ppm | se_ppm | ga_ppm | te_ppm | sample | analysis | job_number  |
|----------|-------|--------|--------|-------|-------|--------|--------|-------|--------|--------|--------|--------|--------|----------|-------------|
| 1369715  | 10    | 3.41   | 0.024  | 0.03  | 0.05  | 0.005  | 0.05   | 0.22  | 5.6    | 0.5    | 11     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369716  | 10    | 0.8    | 0.02   | 0.01  | 0.05  | 0.005  | 0.05   | 0.025 | 8.9    | 0.25   | 2      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369717  | 10    | 0.31   | 0.025  | 0.01  | 0.05  | 0.07   | 0.05   | 0.025 | 1.3    | 0.25   | 1      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369718  | 10    | 2.41   | 0.013  | 0.11  | 0.3   | 0.05   | 0.05   | 1.03  | 6.6    | 3.6    | 11     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369719  | 10    | 2.96   | 0.012  | 0.03  | 0.2   | 0.005  | 0.05   | 0.06  | 5.1    | 0.25   | 9      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369720  | 10    | 0.03   | 0.006  | 0.005 | 0.05  | 0.03   | 0.05   | 0.025 | 12.4   | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369721  | 10    | 0.01   | 0.005  | 0.005 | 0.05  | 0.03   | 0.05   | 0.025 | 5.6    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369722  | 10    | 3.95   | 0.022  | 0.25  | 0.05  | 0.005  | 0.3    | 0.16  | 15.8   | 0.25   | 12     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369723  | 10    | 0.09   | 0.001  | 0.04  | 0.05  | 11.66  | 0.05   | 2.63  | 2.4    | 13.5   | 4      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369724  | 10    | 0.08   | 0.0005 | 0.04  | 0.05  | 13.36  | 0.1    | 1.88  | 1.3    | 11.8   | 2      | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369725  | 10    | 0.04   | 0.006  | 0.005 | 0.05  | 1.19   | 0.1    | 2.95  | 16.5   | 42     | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369726  | 10    | 1.35   | 0.023  | 0.07  | 0.05  | 0.005  | 0.05   | 0.54  | 4.5    | 0.9    | 6      | 0.1    | ROCK   | 1DX      | WHI12000877 |

| SampleID | UTM      | Easting | Northing | Color  | Rocktype                 | Hardness | Texture        |
|----------|----------|---------|----------|--|--------------------------|----------|----------------|
| 1369727  | NAD83-Z8 | 566726  | 7141166  | White with red rust                            | partially<br>sedimentary | Hard     | Large crystals |
| 1369728  | NAD83-Z8 | 566701  | 7141152  | Bluish grey with reddish brown and orange rust | partially<br>sedimentary | Hard     | fine grains    |
| 1369729  | NAD83-Z8 | 566702  | 7141114  | White, light grey with red rust                | partially<br>sedimentary | Hard     | Large crystals |
| 1396479  | NAD83-Z8 | 567788  | 7140206  |  |                          |          |                |

| SampleID | Magsus | StrikeDip       | Outcropflo | Description   |
|----------|--------|-----------------|------------|---|
| 1369727  | 0      |                 | Outcrop    | Quartz vein, altered, red rust and mineralization.  |
| 1369728  | 0      | Easterly strike | Float      | Shale and quartz, could be part of a quartz vein, contains chalcopyrite with copper staining. |
| 1369729  | 0      |                 | Float      | Quartz and dolomite boulder in Talus, galena and sulfides in dolomite. Fractured.             |
| 1396479  | 0      |                 |            |   |

| SampleID | wgt_kg | au_ppb | mo_ppm | cu_ppm | pb_ppm | zn_ppm | ag_ppm | ni_ppm | co_ppm | mn_ppm | fe_pct | as_ppm | u_ppm |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1369727  | 0.58   | 1      | 0.2    | 2.2    | 4.3    | 14     | 0.05   | 3.6    | 0.8    | 872    | 0.88   | 1.8    | 0.05  |
| 1369728  | 0.68   | 1      | 8.7    | 5.3    | 5.6    | 46     | 0.05   | 41.2   | 5.5    | 246    | 3.24   | 6.4    | 2.4   |
| 1369729  | 0.41   | 1      | 0.05   | 814.4  | 2.8    | 13     | 0.8    | 1      | 1      | 1180   | 0.32   | 0.9    | 0.05  |
| 1396479  | 1.59   | 5      | 0.5    | 31.1   | 4.8    | 99     | 0.1    | 51.5   | 15.9   | 585    | 5.55   | 4.8    | 0.6   |

| SampleID | au_ppb | th_ppm | sr_ppm | cd_ppm | sb_ppm | bi_ppm | v_ppm | ca_pct | p_pct  | la_ppm | cr_ppm | mg_pct | ba_ppm | ti_pct |
|----------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 1369727  | 0.7    | 0.6    | 11     | 0.1    | 0.2    | 0.05   | 4     | 1.76   | 0.003  | 3      | 9      | 0.45   | 6      | 0.0005 |
| 1369728  | 5.9    | 8.3    | 2      | 0.05   | 0.4    | 0.2    | 255   | 0.22   | 0.094  | 5      | 51     | 2.99   | 3      | 0.009  |
| 1369729  | 3.4    | 0.05   | 86     | 0.05   | 0.1    | 0.05   | 5     | 15.05  | 0.0005 | 10     | 4      | 0.11   | 1      | 0.0005 |
| 1396479  | 2.8    | 4.1    | 12     | 0.3    | 0.2    | 0.3    | 319   | 1.28   | 0.038  | 9      | 41     | 1.6    | 27     | 0.026  |

| SampleID | b_ppm | al_pct | na_pct | k_pct | w_ppm | hg_ppm | tl_ppm | s_pct | sc_ppm | se_ppm | ga_ppm | te_ppm | sample | analysis | job_number  |
|----------|-------|--------|--------|-------|-------|--------|--------|-------|--------|--------|--------|--------|--------|----------|-------------|
| 1369727  | 10    | 0.11   | 0.022  | 0.03  | 0.05  | 0.005  | 0.05   | 0.025 | 3      | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369728  | 10    | 2.29   | 0.026  | 0.01  | 0.1   | 0.005  | 0.05   | 0.41  | 5.9    | 1.4    | 12     | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1369729  | 10    | 0.06   | 0.015  | 0.005 | 0.05  | 0.005  | 0.05   | 0.07  | 9.2    | 0.25   | 0.5    | 0.1    | ROCK   | 1DX      | WHI12000877 |
| 1396479  | 10    | 2.56   | 0.014  | 0.13  | 0.05  | 0.005  | 0.05   | 0.025 | 4.8    | 0.5    | 8      | 0.1    | ROCK   | 1DX      | WHI12000877 |