

16-002



2017

Soil Sampling Report

Yukon Mineral Exploration Program (YMEP)

White- Regional Focus Exploration Program

Whitehorse Mining District

NTS: 115K/09

Latitude: 62° 35.57' N Longitude: -140° 14.42' W

Work Performed On: Sept 16 – 19, 2016

Prepared for Shawn Ryan
By GroundTruth Exploration Inc.

Written by: Adam Fage January 18, 2017

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1 Introduction

GroundTruth Exploration Inc. conducted a soil sampling program over the targets proposed in the White Regional Focus application. A total of 714 samples were collected during the program.

1.1 Property Description

The White Regional Project area is located 40 km North-East of the community of Beaver Creek. The White Regional Project is located in the Whitehorse Mining District on NTS 115 K 09 Lat 62°35'57N and Longitude 140°14'42W. The work will be conducted on claims Pilot 1-50 and on surrounding open ground. The commodity sought after is gold. The project type is Placer. The model deposit is structurally control gold system, either a White Golden Saddle style or another new model immerging is intrusive style such as K2 Gold's Wels project.

1.2 Access

The White Area can be reach via helicopter from the community of Beaver Creek (40 Km) or Dawson City (160 Km) to the NE of the project area.

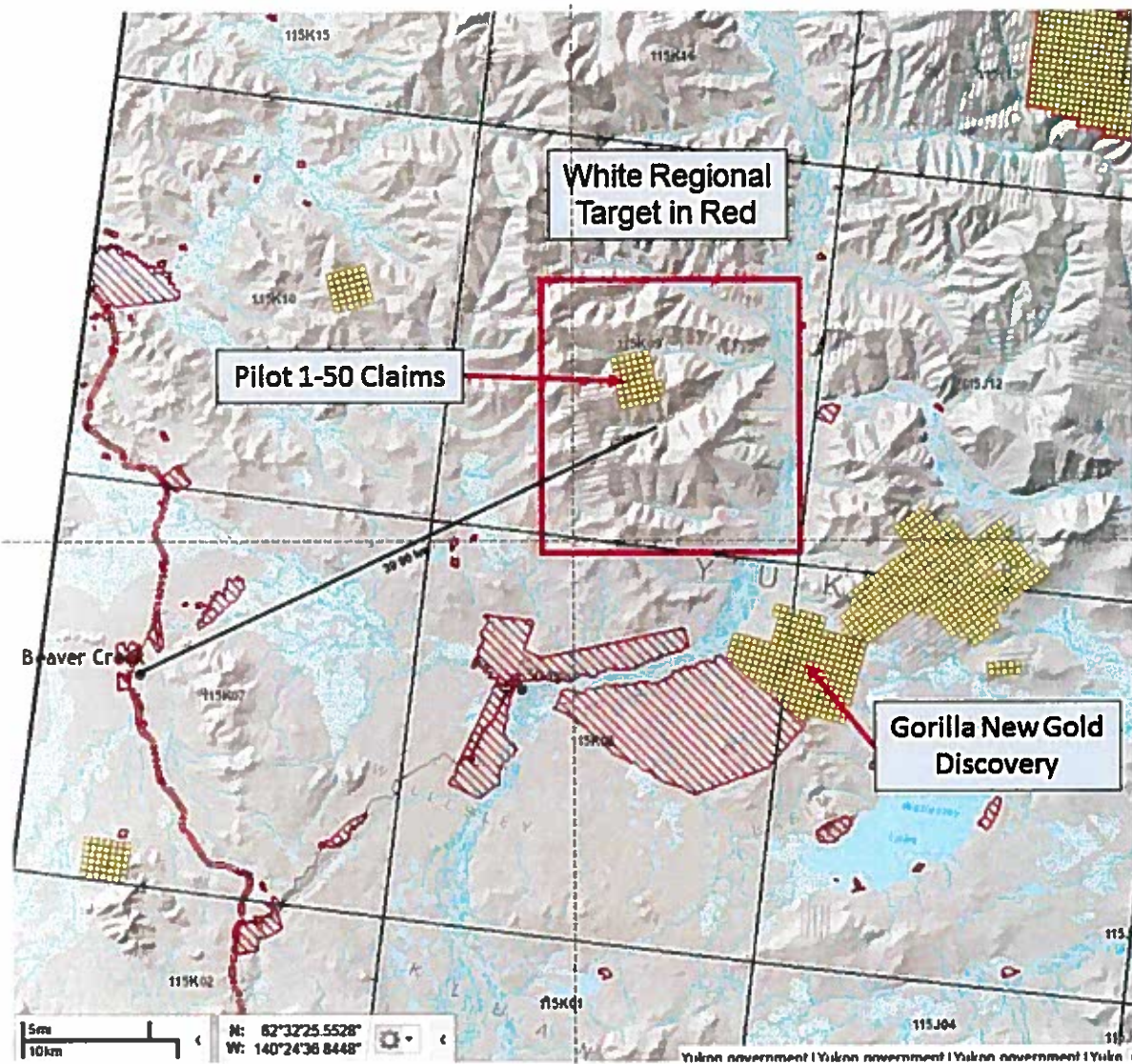


Figure 1: Location map and Quartz Claim Map

2 REGIONAL GEOLOGY / PROPERTY GEOLOGY

2.1 GEOLOGICAL SETTING AND MINERALIZATION

The new Yukon geology Map 2016-1 indicates the area targeted for a regional soil sampling lies mostly in two units; one is "ODs", Scottie Creek formation which comprise of grey to white quartzite, and psammitic quartz muscovite-biotite ± garnet schist. The second unit comprise of the Mount Baker late cretaceous intrusive, "LKgP" which comprise of Prospector Mountain Suite (72-68 Ma) describe as hornblende-biotite granodiorite, hornblende diorite to quartz diorite, Katrina Creek suite.

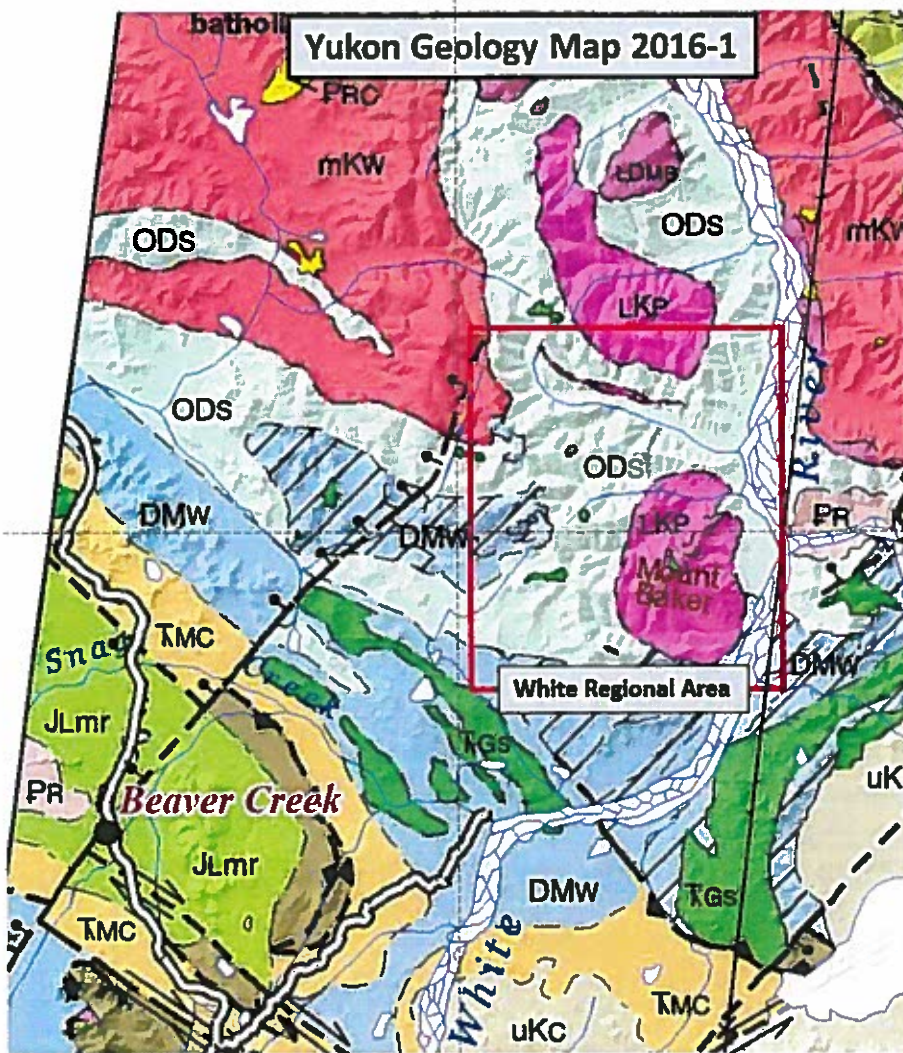


Figure 2: Regional Geology Map

LATE CRETACEOUS



PROSPECTOR MOUNTAIN SUITE (72-68 Ma): grey, fine to coarse-grained, massive, granitic rocks of felsic (q) intermediate (g) rarely mafic (d) composition and related felsic dikes (f)
 d, coarsely crystalline gabbro and diorite
 g, hornblende-biotite granodiorite, hornblende diorite, quartz diorite (Wheaton Valley granodiorite; Katrina Creek suite)
 q, quartz monzonite, biotite quartz-rich granite, porphyritic alaskite and granite with plagioclase and quartz-eye phenocrysts, biotite and hornblende quartz monzodiorite, granite, and leucocratic granodiorite with local alkali feldspar phenocrysts (Prospector Mountain Suite, Carcross pluton)
 y, syenite
 f, quartz-feldspar porphyry

EARLY CRETACEOUS



WHITEHORSE SUITE (112-105 Ma): grey, medium to coarse-grained, generally equigranular granitic rocks of felsic (q), intermediate (g), locally mafic (d) and rarely syenitic (y) composition
 d, hornblende diorite, biotite-hornblende quartz diorite and mesocratic, often strongly magnetic, hypersthene-hornblende diorite, quartz diorite and gabbro (Whitehorse Suite, Coast intrusions)
 g, biotite-hornblende granodiorite, hornblende quartz diorite and hornblende diorite, leucocratic, biotite hornblende granodiorite locally with sparse grey and pink potassium feldspar phenocrysts (Whitehorse Suite, Casino granodiorite, McClintock granodiorite, Nisling Range granodiorite)
 q, biotite quartz-monzonite, biotite granite and leucogranite, pink granophyric quartz monzonite, porphyritic biotite leucogranite, locally porphyritic (K-feldspar) hornblende monzonite to syenite, and locally porphyritic leucocratic quartz monzonite (Mt. McIntyre, Whitehorse plutons, Casino intrusions, Mt. Ward granite, Coffee Creek granite)

TRIASSIC



SNAG CREEK SUITE (232-226 Ma): massive, medium-grained hornblende gabbro and pyroxenite sills (correlated with coeval sills of the Galena suite northeast of Tintina fault)

DEVONIAN AND MISSISSIPPIAN



WHITE RIVER: black carbonaceous and siliceous phyllite and schist (1), and intercalated felsic to mafic metavolcanic rocks (2), extensively intruded by gabbro of the Snag Creek suite (TGS) (correlative with Earn Gp northeast of Tintina fault (?) and Totatlanika schist in eastern Alaska)
 1, carbonaceous muscovite-quartz phyllite, grey psammitic schist, and quartzite - DMws
 2, felsic to mafic metavolcanic schist, quartz and/or feldspar-augen felsic schist, mafic schist locally amygdaloidal - DMwv



MOUNT BAKER SUITE (ca. 365 Ma): metaplutonic suite dominated by orthogneiss of intermediate (g) to mafic (y) compositions
 g, strongly foliated to gneissic granodiorite, diorite and monzogranite
 y, strongly foliated to gneissic diorite, gabbro and minor pyroxenite

ORDOVICIAN TO DEVONIAN



SCOTTIE CREEK: quartzose psammitic, pelitic schist and minor marble (1), locally migmatized (2), north of Beaver Creek (correlative with Lake George assemblage in east-central Alaska)
 1, grey to white quartzite, micaceous quartzite and psammitic quartz-muscovite-biotite ± garnet schist, local metaconglomerate - ODS
 2, layered paragneiss with mica-rich melanosome and garnet-bearing quartzfeldspathic leucosome - ODSmm

NA (PARAUTOCHTHONOUS NORTH AMERICA ?)

Figure 3: Regional Geology Description

2.2 Survey Rationale

The Pilot proposed regional target focus area is based partially on Gorilla Resources new gold discovery on the Wells Property which lies 16 km to the SE of the proposed Regional area. Gorilla geochemical signature of Au, As, and Sb are indicative of intrusion related gold model. Also they have indicated in a couple of public presentation that the mineralization is confined to an un-mapped intrusive. Whether the mineralization is intrusion related or that the rock unit that hosts the mineralization was just a good brittle host is kind of premature to guest, but having the same geochemical signature as the White Golden Saddle Property and the Coffee Gold System is good enough to look around the area.

2.3 Historical Work

In 1998 Teck had undertaken a major regional silt program in the Beaver Creek area looking for Pogo style mineralization and came up with an only a couple of real targets. One was actually the White Deposit area that they dropped pre maturely. The second area they focus was in the Beaver Creek area and they staked only a couple of claim blocks based on the regional silt data. One of these claim blocks was the Pilot claims.

Teck only worked the claim block for one year and then walk away from the district. I re-staked the property in early 2009 and ran a small soil sampling program which consists of 100 soils. Results were encouraging with value running up to 193 ppb Au, 214 ppm As, and 14.4 ppm Sb. Before I could return to stake more claims a local prospector (Marc Lindsay) boxed me in. So I sold the claims to RyanGold in a large gold deal, RyanGold never followed up and allowed the claims to drop. I watch Marc Lindsay claim block laps and re staked the claim block Pilot 1-50 this past winter (Feb 2016).

I reviewed Marc Lindsay soil data and it looked like they had a hard time with the soil sampling gathering only 643 out 1743 sample sites on 100 m station and line spacing. Marc soil survey although sparse did come up with some anomalous gold and arsenic values that now seem to correspond to the contacts areas of the new government magnetic survey.

3 Soil Sampling

3.1 Introduction

The 2016 soil program consisted of sending a 5 man crew for a four day detailed sampling program to collect 714 soil samples.

Sampling took place on 16-19 September, 2016.

3.2 Personnel

The survey was conducted by the following GroundTruth Exploration personnel:

- | | |
|--------------------|----------------|
| 1. Yoann Voyer | Crew Boss |
| 2. Jack Tafaro | Geo Technician |
| 3. Mark Severinsen | Geo Technician |
| 4. Dan Brown | Geo Technician |
| 5. Brian Hyde | Geo Technician |

3.3 Soil Sampling Survey Procedure

The survey is completed in the field according to the following procedure:

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 Eijkcamp 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. Two Standardized photos are taken at each sample site- 1) Sample Location photo: across slope, 5m from sample hole with auger inserted and 2) Sample Profile photo: Close up of sample laid out on ore bag with barcode tag and munsell color chart in photo.

The sampler places the necessary amount of soil (400-500 grams) from the bottom of the hole into a kraft sample bag. The bag labeled with the 3-letter project and tagged with a plastic barcode ID tag containing a unique 7 digit sample identification number is inserted. A plastic barcode ID tag with the sample identification number is attached to a rock or branch in a visible area at the sample site along with a length of pink flagging tape.

A field duplicate sample is taken once for every 25 samples. Both samples are given unique Sample identification number. The data for both samples is recorded and a note is made indicating the duplicate and its corresponding sample identification number. At client's discretion, standard reference material is inserted into the sample stream at an interval of 1:50.

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.

3.4 Work Performed

A total of 714 soil samples were collected during the program. 543 samples were ridge and spur collected on areas adjacent to the property while the remaining 171 samples were extending the 2009 soil grid on the Pilot property.

3.5 Results

171 of the samples were, coarse, infill grid lines (200m spaced lines x 50m spaced samples). Assay values for the infill lines ranged from trace to 637.7ppb Au with strongly coincident As (up to 1706.7 ppm) +/- Sb. Combined with historic soils from the area the results define an approx. 500m x 1km Au-As soil anomaly. The anomaly appears to be open in all directions; requires additional infill soil sampling to refine; and shares similar geochemical signature to K2 Gold's Wel's Project 22km to the SE.

The remaining 543 samples were ridge and spur reconnaissance samples, generally, off of the existing claimblock. The samples returned weakly anomalous results ranging from trace to 39.8 ppb Au with localized zones of anomalous As (up to 206.9 ppm).

Maps of the geochemical results are shown in Figures 4-15.

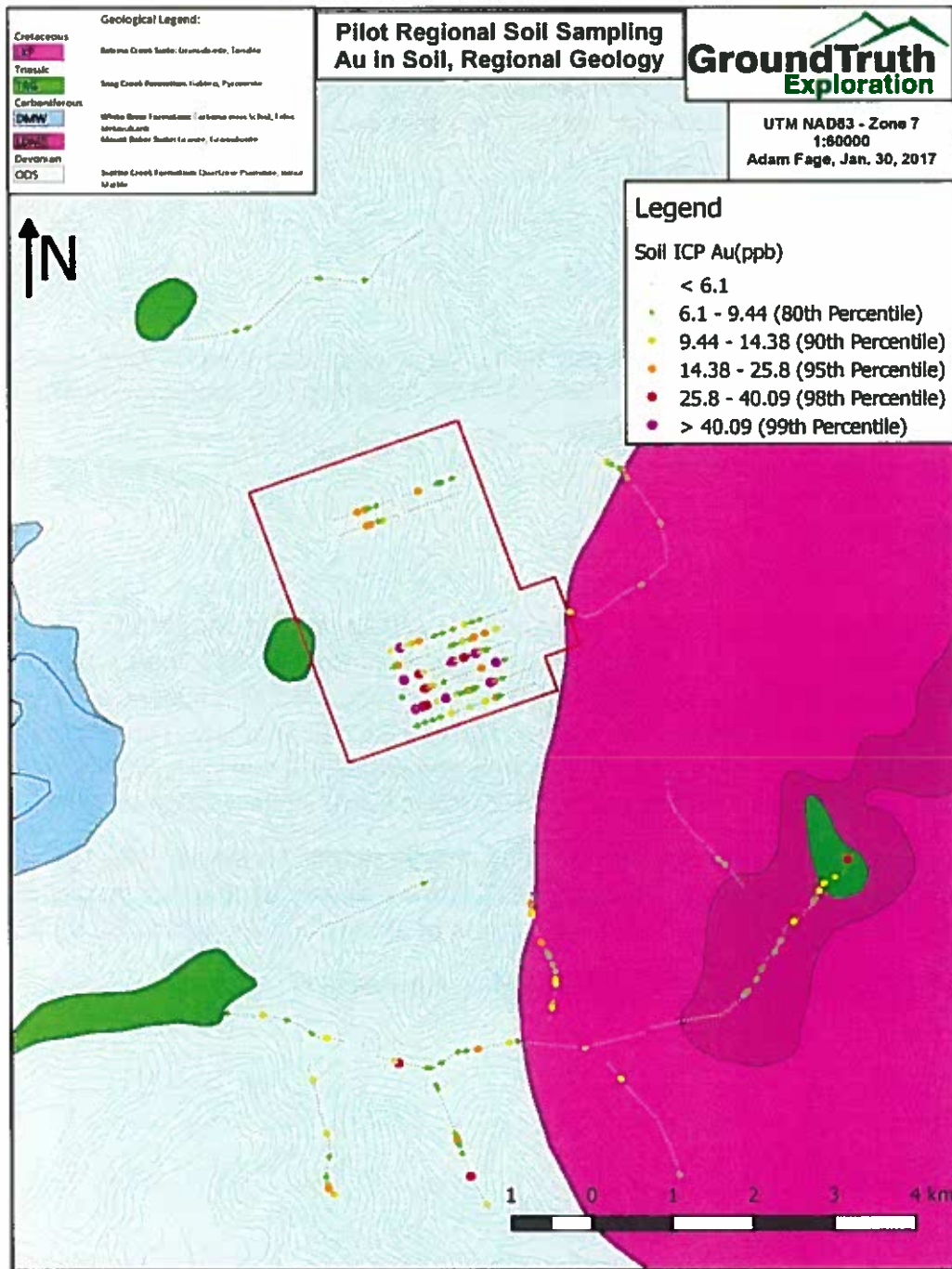


Figure 4: Regional Geology Au in soil map

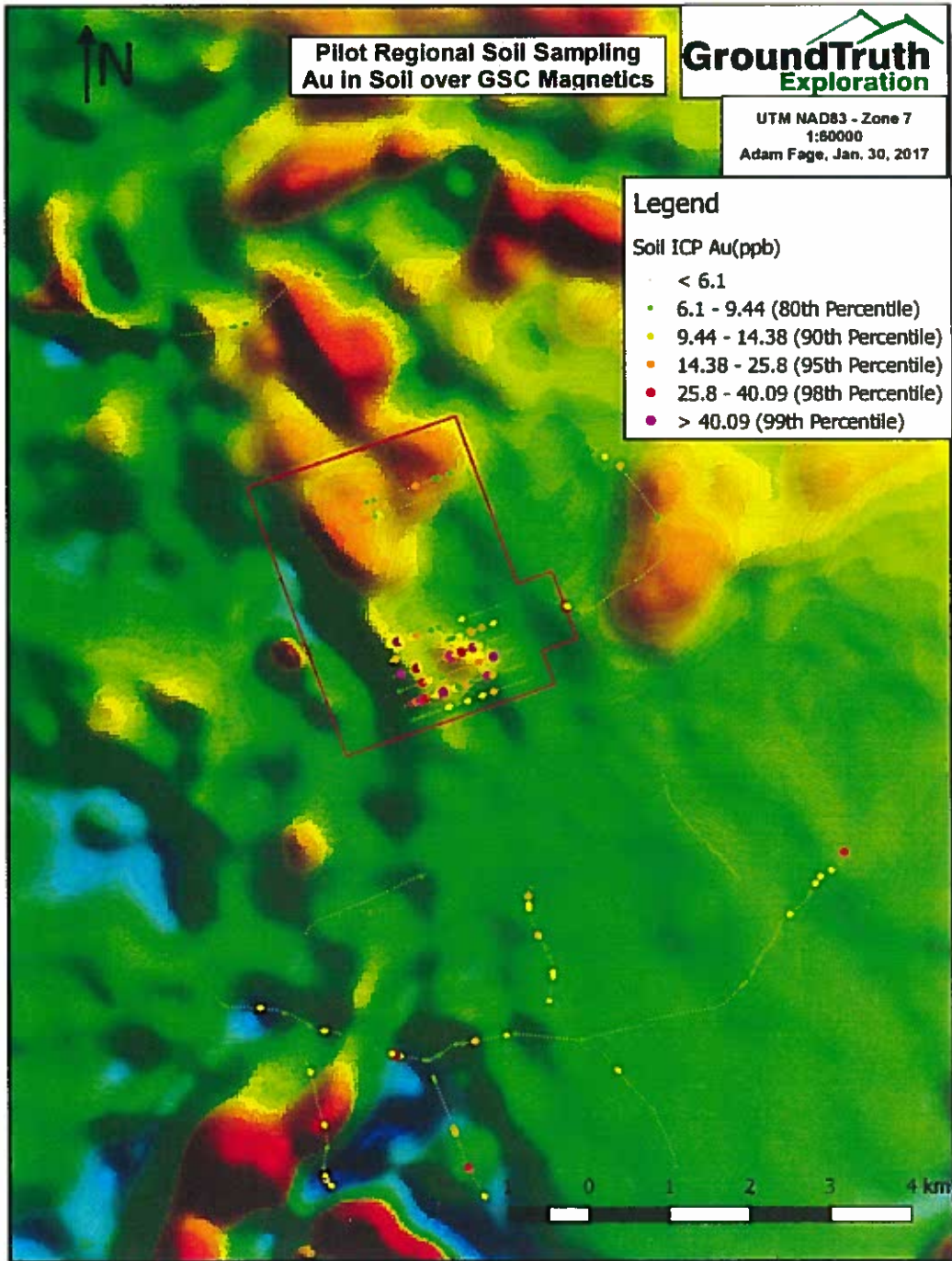


Figure 5: Regional Magnetics Au in soil map

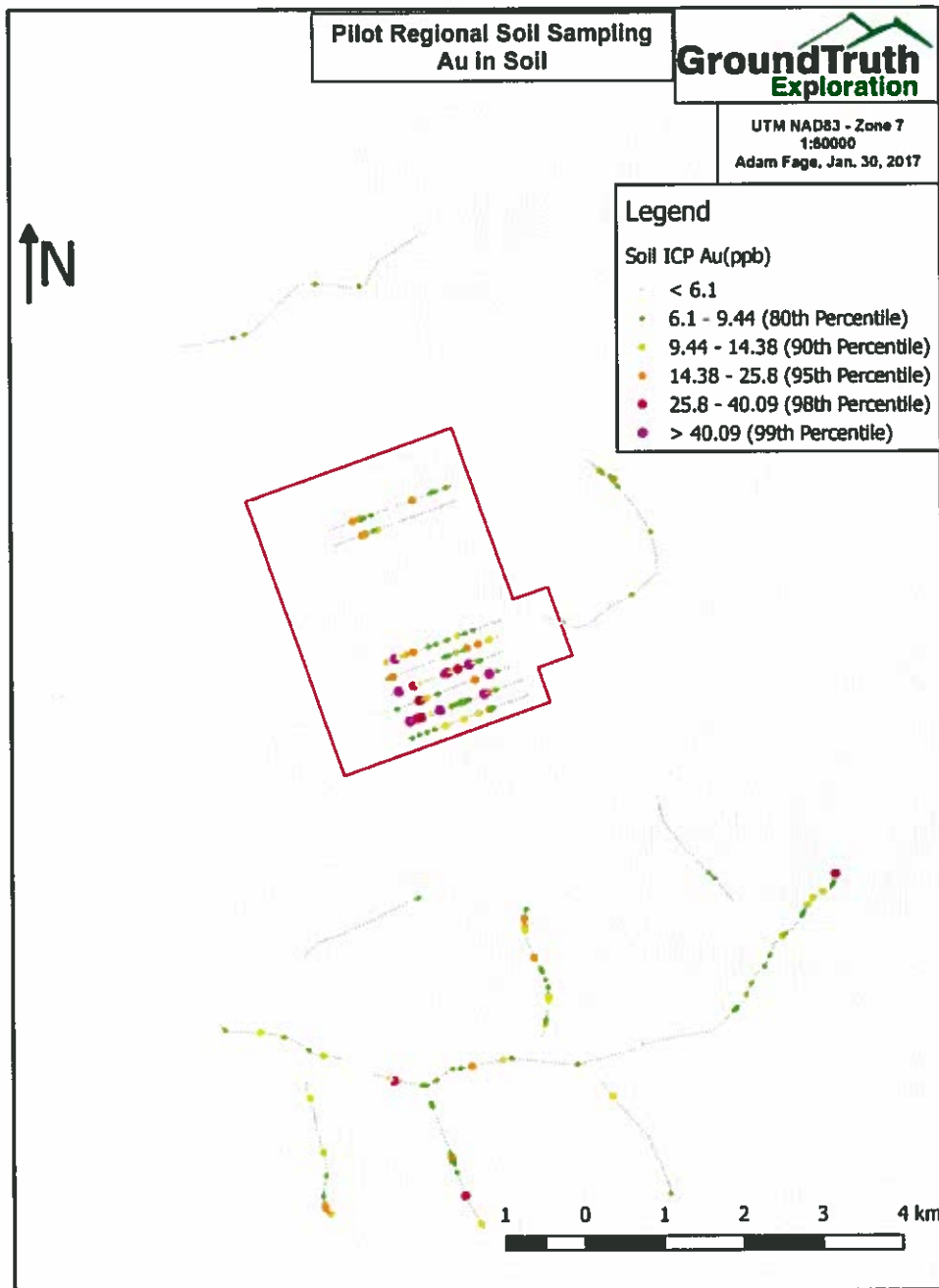


Figure 6: Regional Au in soil map

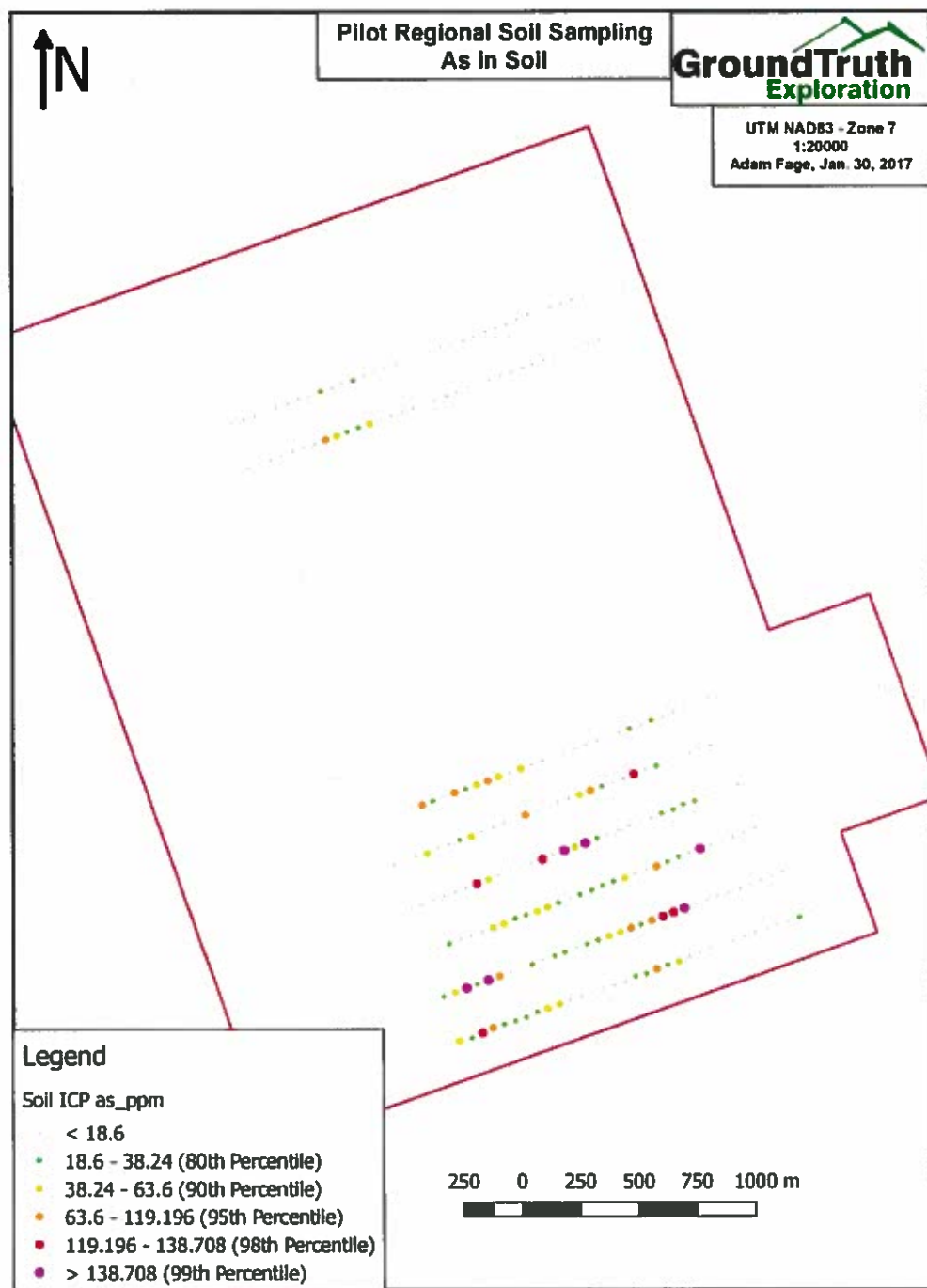


Figure 7: Regional As in soil map

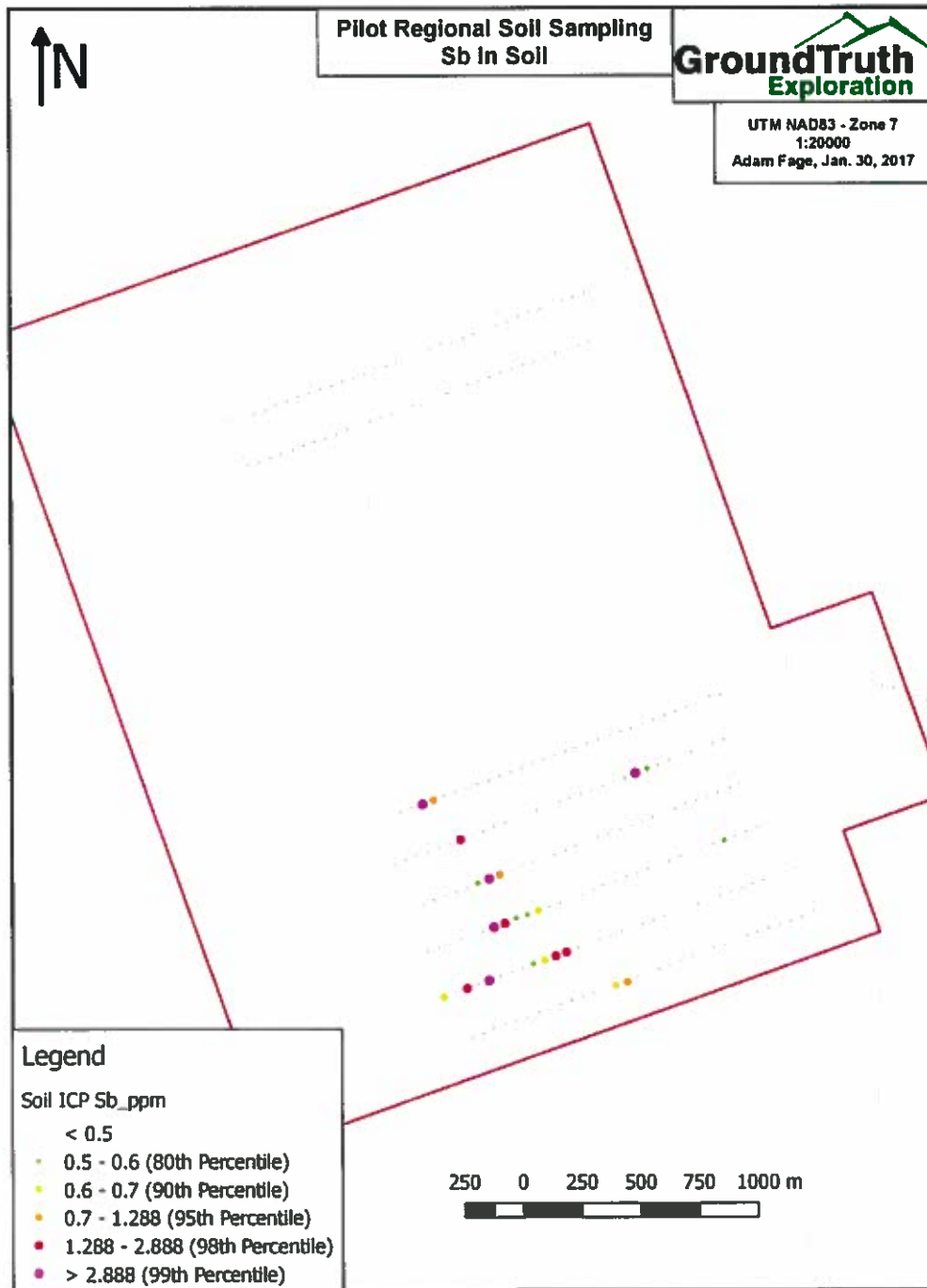


Figure 8: Regional Sb in soil map

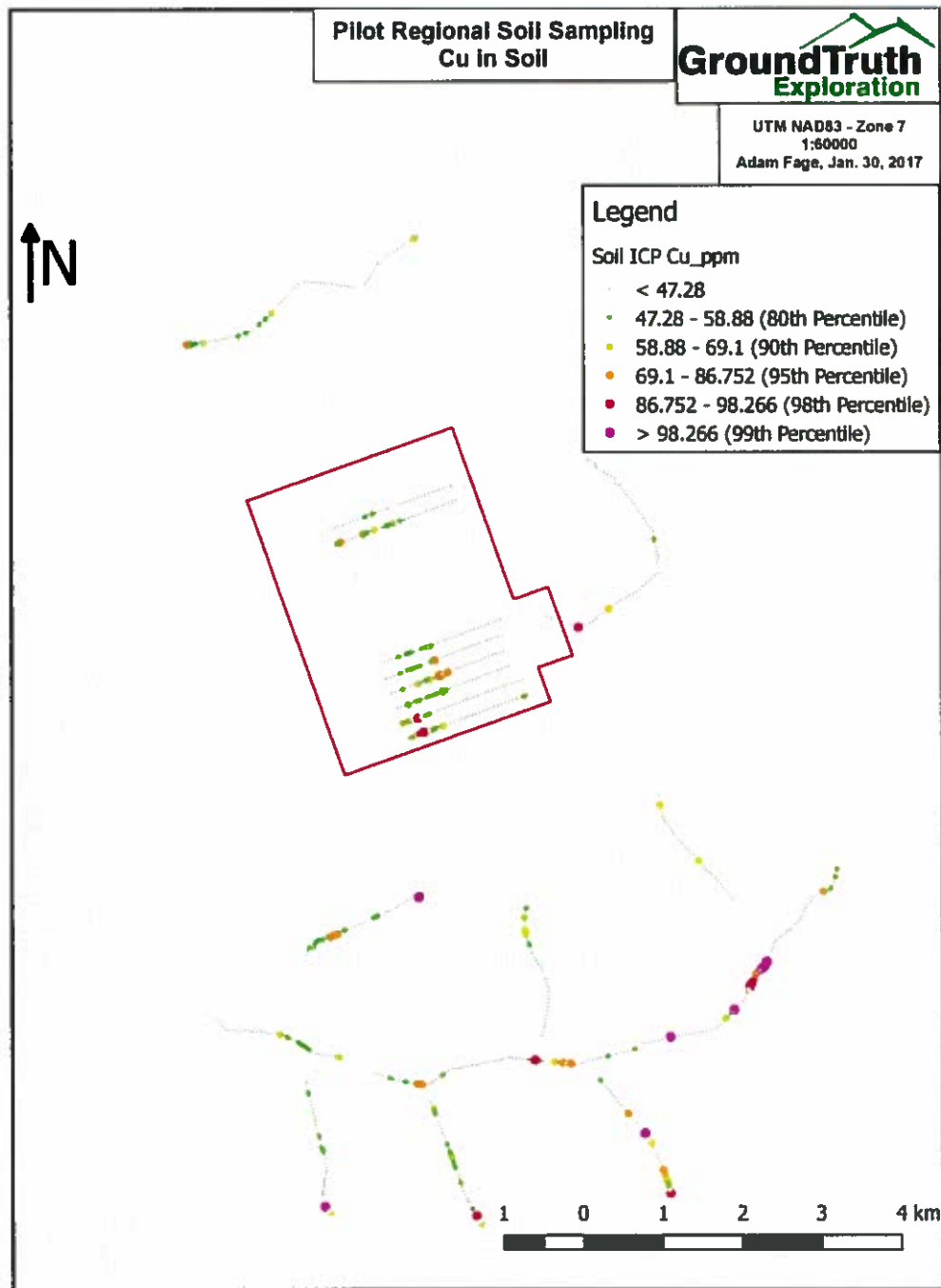


Figure 9: Regional Cu in soil map

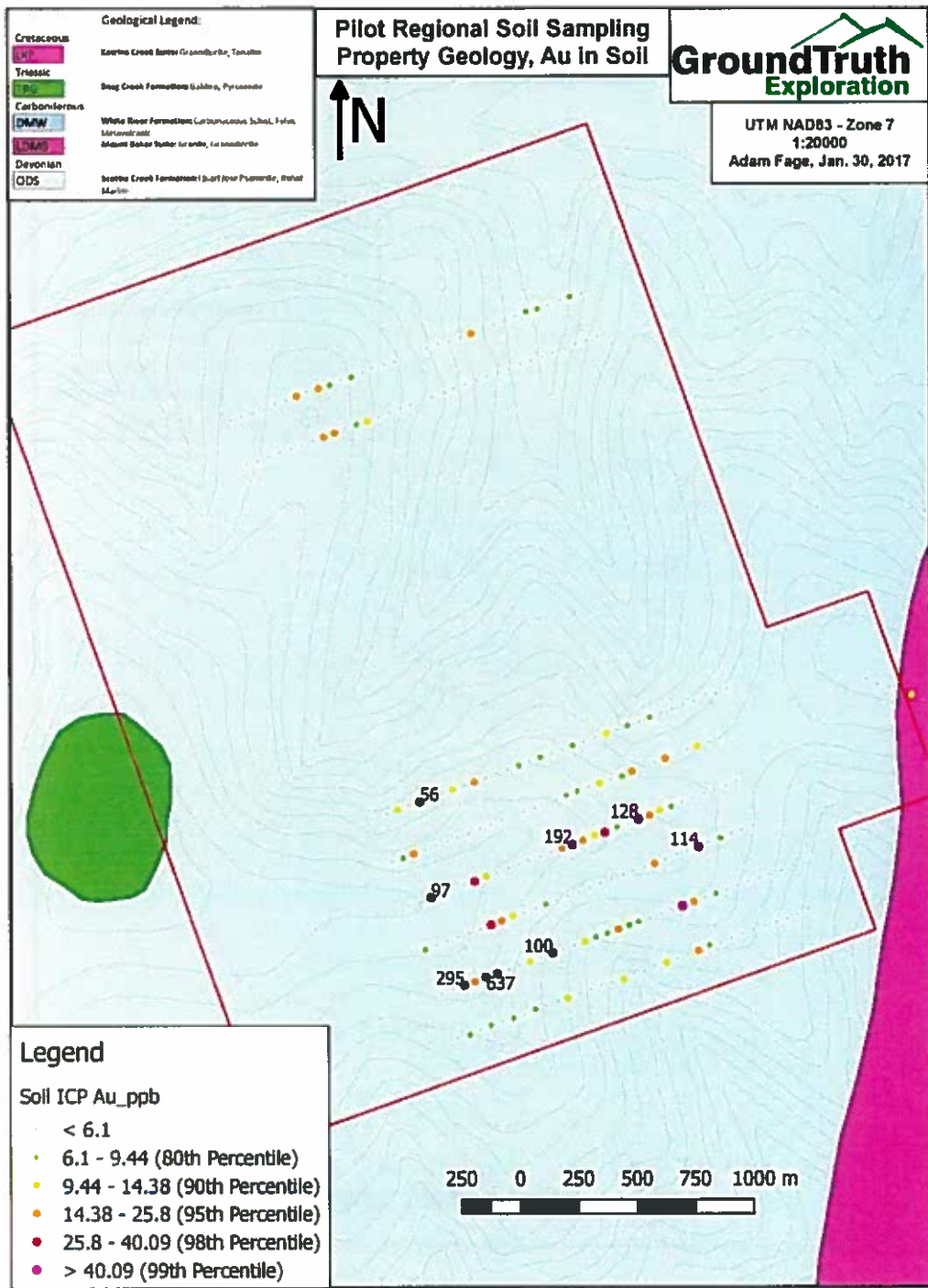


Figure 10: Property Geology Au in soil map

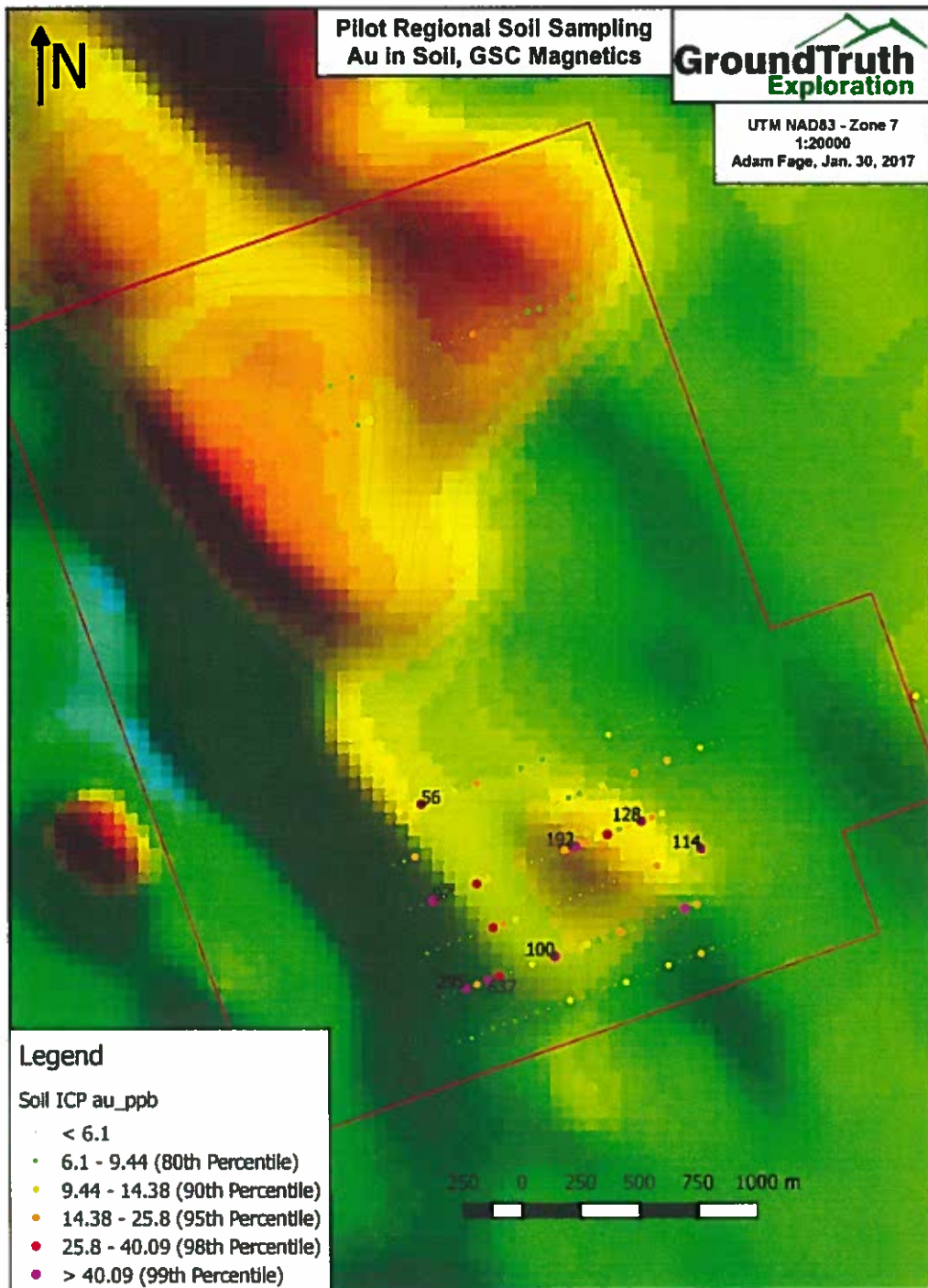


Figure 11: Property Magnetics Au in soil map

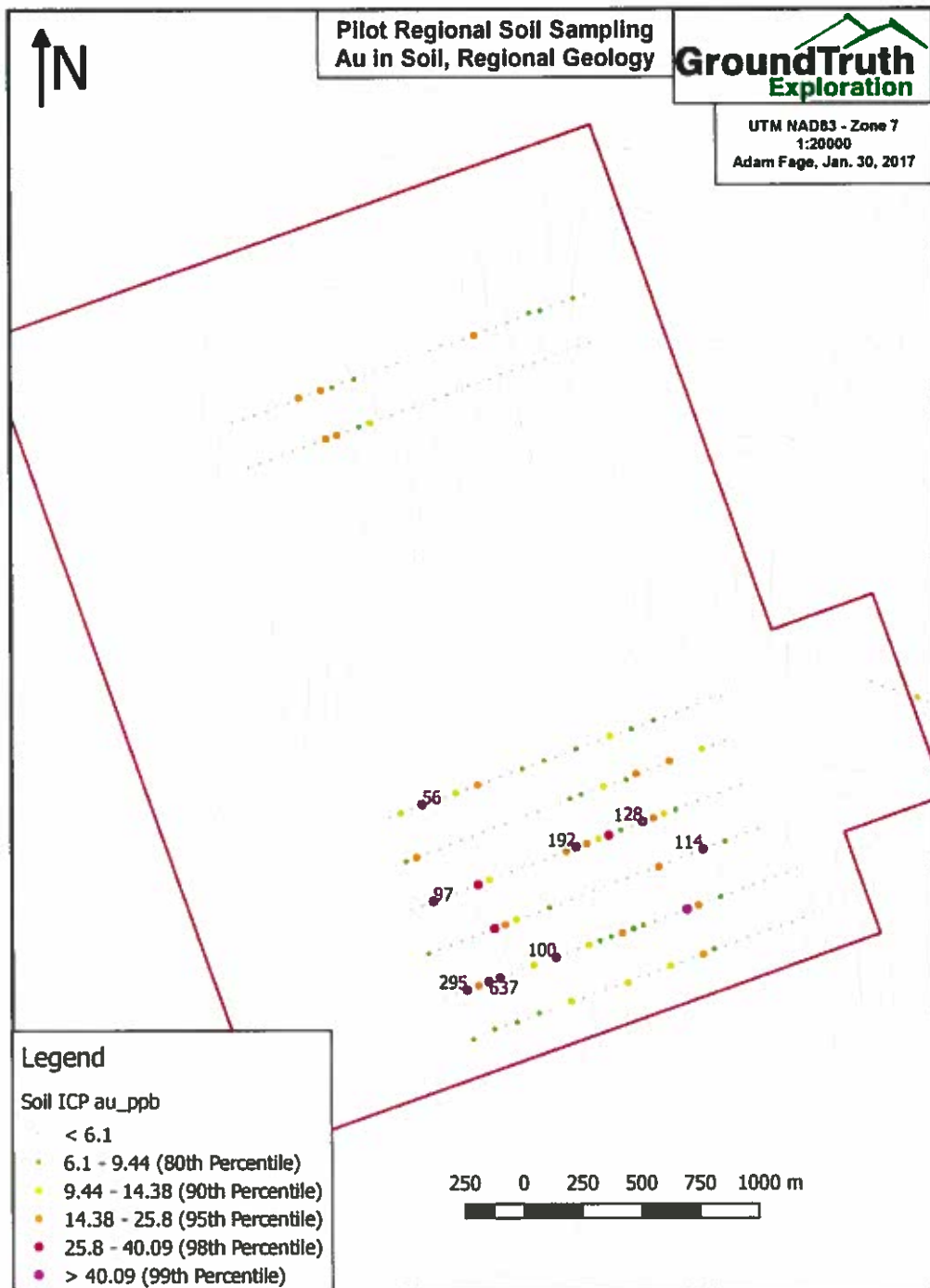


Figure 12: Property Au in soil map

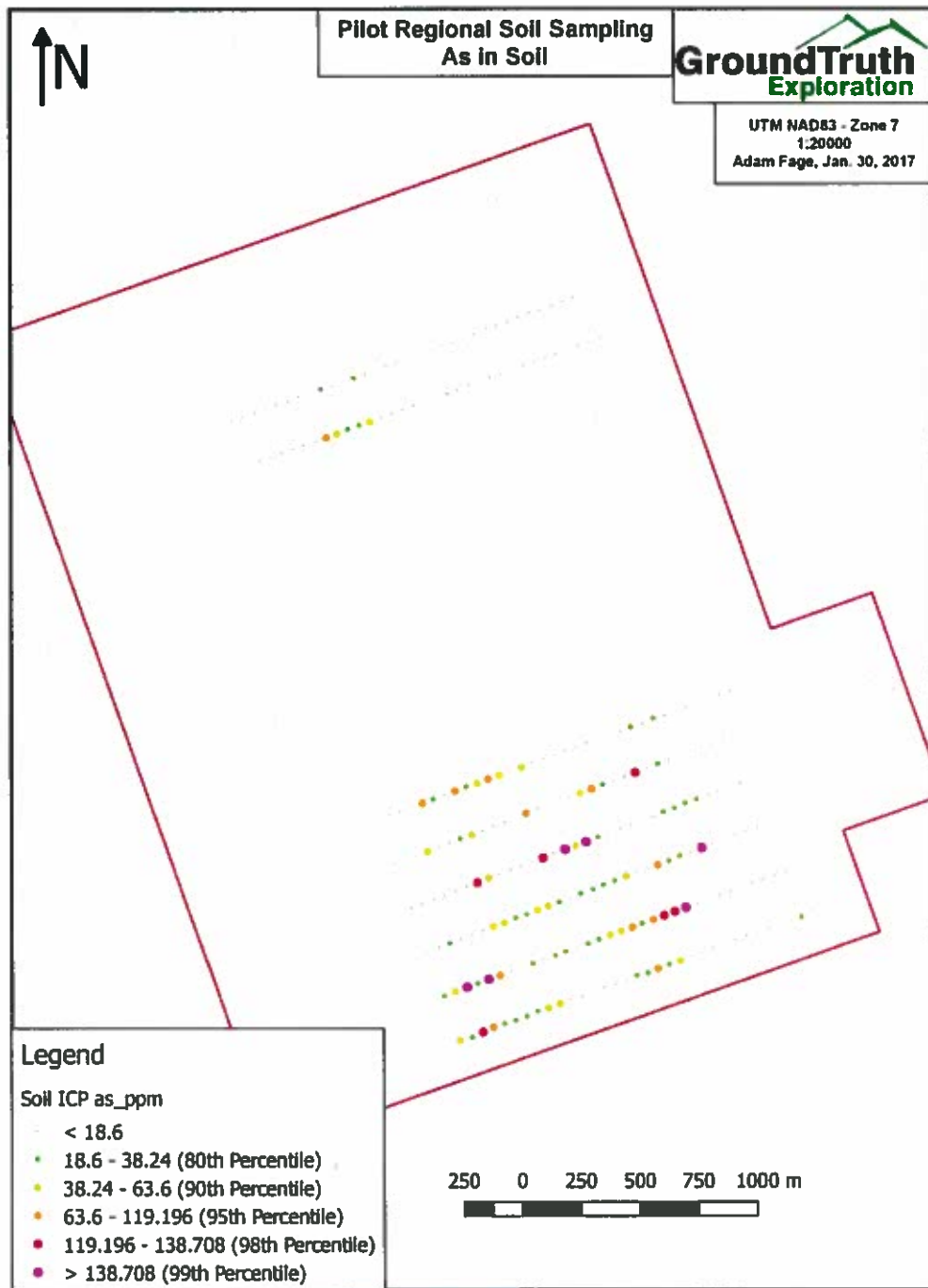


Figure 13: Property As in soil map

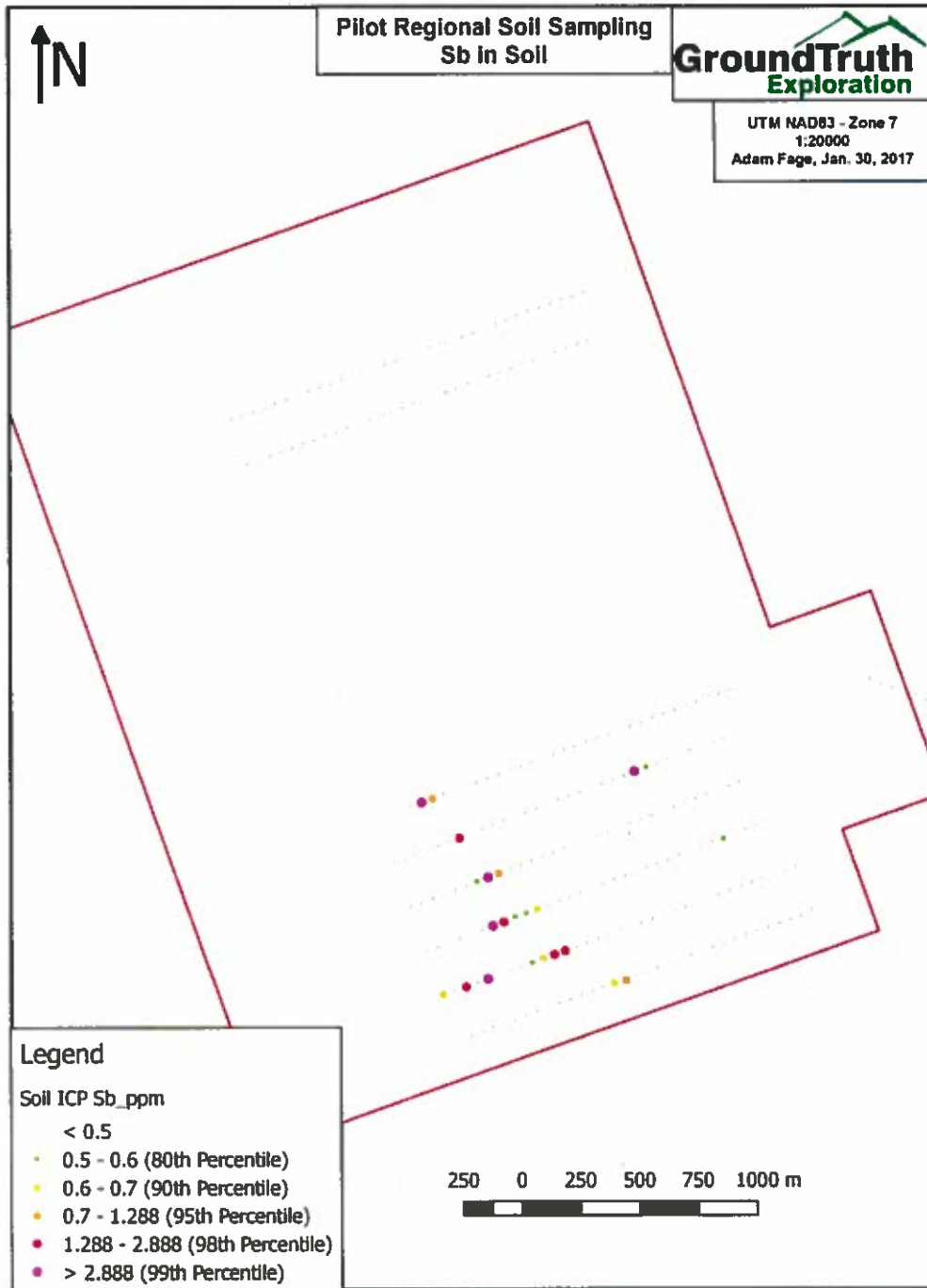


Figure 14: Property Sb in soil map

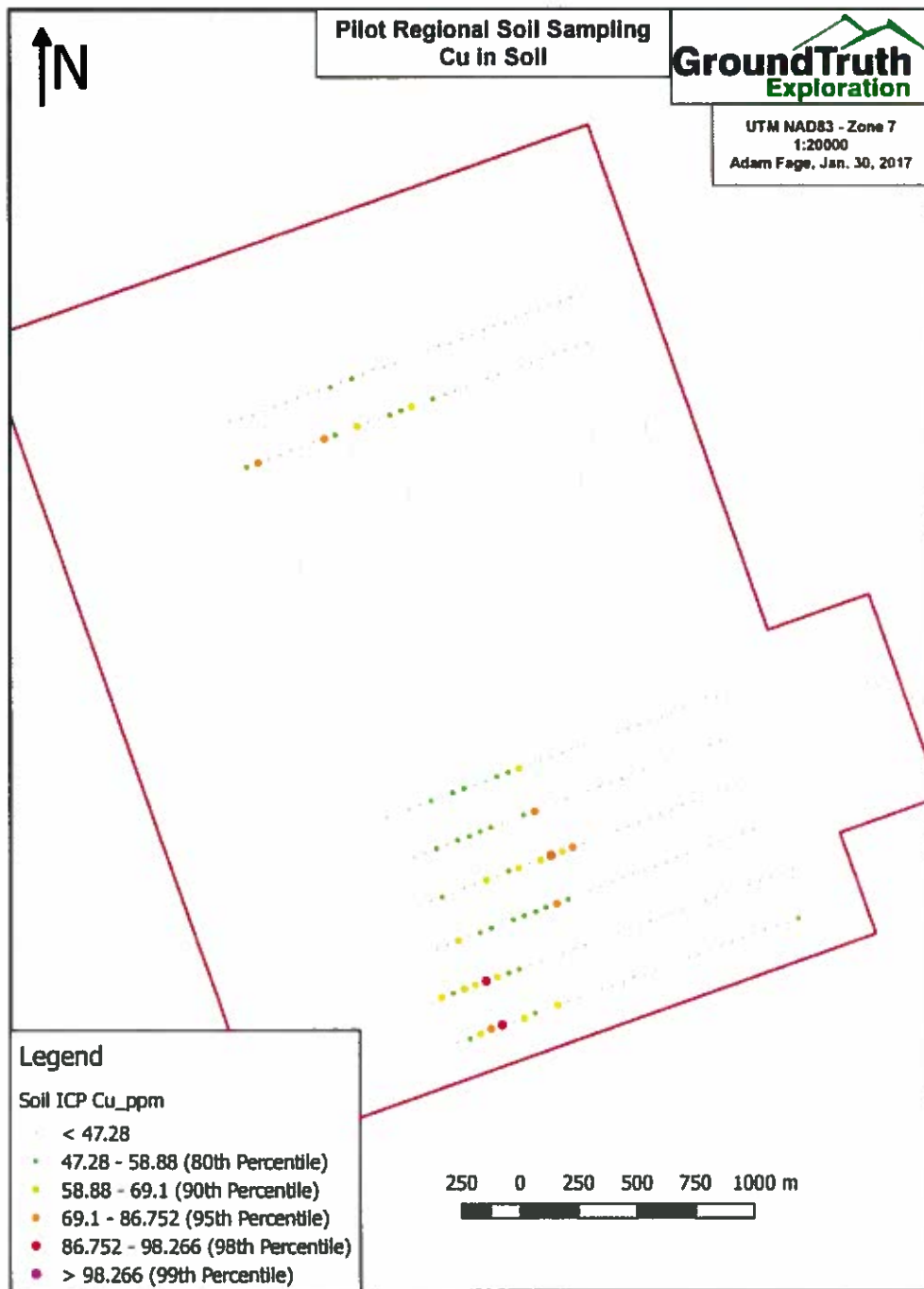


Figure 15: Property Cu in soil map

3.6 Conclusions and Recommendations

The regional ridge and spur program was not successful in identifying any significant gold in soil anomalies, no followup is recommended on any of those lines, however there are additional unsampled ridges which may be tested in future programs.

The grid extension was successful in sampling Au in soil up to 637ppb coincident with anomalous As, Sb, and Cu.

Recommendations for future programs include an extension of the soil grid northward and westward and geological mapping to gain an understanding of the host lithologies. Infill soil sampling lines between the highest tenor gold in soil samples will aid in determining orientation of the anomalous gold bearing units.

A detailed UAV drone photogrammetry survey of the area is also recommended for this property. This survey will provide a high resolution ortho-image for planning future surveys and infrastructure, acting as a base-line survey of environmental impact assessment, providing a blueprint for mapping results and aiding in structural and surficial interpretations. The survey also supplies a digital elevation model essential for levelling the altitude of the different surveys to ensure accurate interpretations and can give valuable insight into slope and drainage assessment.

4 Expenditures:

GT

GroundTruth Exploration Inc.
Invoice (Appendix A):

\$ 53,509.02

5 Qualification

I, Adam Fage have continuously been involved in Mineral Exploration since 2004. I graduated from Dalhousie University with an Honours Bachelor of Science (Earth Science) in 2008. I graduated from Lakehead University with a Master's of Science (Geology) in 2011. I am a member, in good standing, of the Association of Professional Geoscientists of Ontario, Registration number 2256.

Dated this 18th day of January, 2017.

Respectfully submitted

Adam Fage

Appendix A: GT Soil Sampling Invoice



Invoice

Date	Invoice #
21-Nov-16	GT-WGC2016-11

Description	Amount																														
Pilot (PTL) Soil Sampling Program																															
694 Soil Samples collected between September 16 to 19, 2016 Soil Sampling charged out at \$45/soil for GroundTruth collection and Bureau Veritas ICPMS Assay	\$ 31,230.00																														
GroundTruth management fee of 10% on all contract services/expenses	\$ 3,123.00																														
Helicopter Support																															
<table border="1"> <thead> <tr> <th>Date</th> <th>Helicopter</th> <th>Ticket</th> <th>Hours</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>16-Sep</td> <td>AS350D2</td> <td>62602</td> <td>1.65</td> <td>\$ 2,792.62</td> </tr> <tr> <td>17-Sep</td> <td>AS350D2</td> <td>62604</td> <td>1.9</td> <td>\$ 3,215.75</td> </tr> <tr> <td>18-Sep</td> <td>AS350D2</td> <td>62605</td> <td>1.7</td> <td>\$ 2,877.25</td> </tr> <tr> <td>19-Sep</td> <td>AS350D2</td> <td>62606</td> <td>1.7</td> <td>\$ 2,877.25</td> </tr> <tr> <td colspan="4">Total</td> <td>6.95</td> </tr> </tbody> </table>	Date	Helicopter	Ticket	Hours	Amount	16-Sep	AS350D2	62602	1.65	\$ 2,792.62	17-Sep	AS350D2	62604	1.9	\$ 3,215.75	18-Sep	AS350D2	62605	1.7	\$ 2,877.25	19-Sep	AS350D2	62606	1.7	\$ 2,877.25	Total				6.95	\$ 11,762.87
Date	Helicopter	Ticket	Hours	Amount																											
16-Sep	AS350D2	62602	1.65	\$ 2,792.62																											
17-Sep	AS350D2	62604	1.9	\$ 3,215.75																											
18-Sep	AS350D2	62605	1.7	\$ 2,877.25																											
19-Sep	AS350D2	62606	1.7	\$ 2,877.25																											
Total				6.95																											
GroundTruth Management fee of 8% on helicopter support	\$ 941.03																														
Fixed Wing Support																															
<table border="1"> <thead> <tr> <th>Date</th> <th>Type</th> <th>Ticket</th> <th>Miles</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>14-Sep</td> <td>C206</td> <td>5195</td> <td>408</td> <td>1,701.36</td> </tr> <tr> <td>18-Sep</td> <td>RNC</td> <td>5200</td> <td>136</td> <td>614.72</td> </tr> <tr> <td>14-Sep</td> <td>BN2</td> <td>5227</td> <td>102</td> <td>779.28</td> </tr> <tr> <td>16-Sep</td> <td>BN2</td> <td>5231</td> <td>136</td> <td>519.52</td> </tr> <tr> <td colspan="3">Total</td> <td>782</td> <td></td> </tr> </tbody> </table>	Date	Type	Ticket	Miles	Amount	14-Sep	C206	5195	408	1,701.36	18-Sep	RNC	5200	136	614.72	14-Sep	BN2	5227	102	779.28	16-Sep	BN2	5231	136	519.52	Total			782		\$ 3,614.88
Date	Type	Ticket	Miles	Amount																											
14-Sep	C206	5195	408	1,701.36																											
18-Sep	RNC	5200	136	614.72																											
14-Sep	BN2	5227	102	779.28																											
16-Sep	BN2	5231	136	519.52																											
Total			782																												
GroundTruth Management fee of 8% on Fixed wing support	\$ 289.19																														

GST # 881084268

Make all cheques payable to:
Ground Truth Exploration Inc.

Thank you for your business!

Subtotal \$ 50,960.97

GST 5% \$ 2,548.05

Total Due \$ 53,509.02

Appendix B: Soil Sample Result

sample_id	utm_zone	utm_easting	utm_northing	elevation	sample_date	colour	texture	moisture	site_slope	depth	horizon	site_veget	ground_cov	quality	notes
1455166	07N	539085	6934878	1071	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse
1455167	07N	539114	6934830	1082	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse
1455168	07N	539132	6934781	1066	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Sample
1455169	07N	539132	6934781	1066	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Sample
1455189	07N	539151	6934733	1053	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse
1455170	07N	539169	6934686	1047	9/18/2016	Dark Brown	Silt	Wet	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky Sample
1455171	07N	539186	6934638	1039	9/18/2016	Chocolate Brown	Silt	Wet	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Mud
1455172	07N	539203	6934590	1030	9/18/2016	Chocolate Brown	Silt	Wet	Subtle Slope	70	B	Dwarf Birch	Reindeer Moss	Good	Coarse
1455173	07N	539220	6934542	1018	9/18/2016	Chocolate Brown	Silt	Wet	Subtle Slope	80	B	Dwarf Birch	Reindeer Moss	Good	Coarse
1455301	07N	539255	6934443	1006	9/18/2016	Dark Brown	Silt	Wet	Subtle Slope	70	B	Dwarf Birch	Reindeer Moss	Good	Mud
1455303	07N	539272	6934391	996	9/18/2016	Chocolate Brown	Silt	Wet	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Coarse
1455304	07N	539292	6934344	1001	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Leaf Cover	Good	Fine
1455305	07N	539308	6934294	984	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Rocky Sample
1455307	07N	539343	6934186	973	9/18/2016	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy
1455308	07N	539359	6934148	968	9/18/2016	Reddish Yellow	Silt	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy
1455310	07N	539397	6934053	959	9/18/2016	Reddish Yellow	Silt	Dry	Subtle Slope	40	C	Black Spruce	Bare Soil	Good	Sandy
1455311	07N	539421	6934008	953	9/18/2016	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Bare Soil	Good	Fine
1455312	07N	539449	6933964	947	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Sandy
1455313	07N	539473	6933919	945	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Sandy
1455314	07N	539500	6933873	935	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Coarse
1455315	07N	539525	6933828	925	9/18/2016	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Alders	Thin Moss Cover	Good	Coarse
1455316	07N	539551	6933784	918	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Black Spruce	Bare Soil	Excellent	Coarse
1455317	07N	539576	6933739	907	9/18/2016	Light Brown	Silt	Dry	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine
1455318	07N	539601	6933695	900	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine
1455306	07N	539325	6934247	984	9/17/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine
1455376	07N	540335	6936096	1223	9/17/2016	Dark Brown	Silt	Dry	Subtle Slope	20	B	Black Spruce	Rock Cover	Poor	Coarse
1455477	07N	540374	6936149	1207	9/17/2016	Reddish Yellow	Silt	Dry	Pronounced Slope	20	C	Black Spruce	Bare Soil	Good	Fine
1455478	07N	540382	6936251	1179	9/17/2016	Dark Brown	Silt	Dry	Pronounced Slope	60	B	Dwarf Birch	Rock Cover	Good	Fine
1455480	07N	540401	6936302	1172	9/17/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Poor	Fine
1455482	07N	540410	6936352	1159	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	20	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Mud
1455483	07N	540429	6936454	1149	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Dwarf Birch	Rock Cover	Good	Fine
1455484	07N	540439	6936506	1143	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	20	B	Dwarf Birch	Rock Cover	Good	Fine
1455485	07N	540439	6936566	1136	9/17/2016	Reddish Yellow	Silt	Damp	Flat	30	C	Dwarf Birch	Reindeer Moss	Good	Fine
1455486	07N	540436	6936607	1133	9/17/2016	Reddish Yellow	Silt	Dry	Subtle Slope	30	C	Dwarf Birch	Reindeer Moss	Good	Fine
1455487	07N	540434	6936659	1128	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Dwarf Birch	Reindeer Moss	Good	Fine
1455489	07N	540418	6936759	1115	9/17/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Good	Coarse
1455490	07N	540398	6936806	1110	9/17/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Good	Coarse
1455491	07N	540360	6936901	1121	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Dwarf Birch	Bare Soil	Poor	Fine
1455492	07N	540339	6936948	1085	9/17/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse
1455493	07N	540313	6936992	1074	9/17/2016	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Good	Fine
1455494	07N	540287	6937037	1068	9/17/2016	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	C	Dwarf Birch	Reindeer Moss	Good	Coarse
1455495	07N	540259	6937082	1052	9/17/2016	Chocolate Brown	Silt	Wet	Pronounced Slope	60	B	Dwarf Birch	Reindeer Moss	Good	Coarse
1455496	07N	540238	6937179	1044	9/17/2016	Reddish Yellow	Silt	Dry	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Good	Sandy
1455498	07N	540201	6937275	1024	9/17/2016	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Good	Sandy
1455499	07N	540183	6937275	1028	9/17/2016	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Sandy
1455500	07N	540163	6937275	1026	9/17/2016	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Good	Sandy
1455526	07N	540166	6937325	1021	9/17/2016	Light Brown	Clay	Dry	Subtle Slope	20	B	Black Spruce	Thin Moss Cover	Poor	Fine
1455527	07N	540150	6937374	1017	9/17/2016	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy
1455528	07N	540147	6937425	1008	9/17/2016	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Coarse
1455529	07N	540147	6937425	1008	9/17/2016	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Coarse
1455530	07N	540143	6937476	1002	9/17/2016	Dark Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Mud
1455531	07N	540139	6937528	992	9/17/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Fine
1455331	07N	540136	6937580	977	9/17/2016	Dark Brown	Gravel	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse
1455332	07N	540142	6937640	970	9/17/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Fine

sample_id	notes	mo_ppm	cu_ppm	pb_ppm	zn_ppm	sg_ppm	nl_ppm	co_ppm	mn_ppm	fe_pct	ss_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	ca_pct	p_pct
1455168	Sandy	1.1	32.9	15.4	57	0.2	37	12.8	428	2.91	34.9	1.1	4.7	2.2	36	0.3	0.4	75	0.3	0.57	0.034
1455167	Sandy	1	33.5	12.3	58	0.1	51.3	15.5	388	3.15	29	0.7	5.2	2.4	34	0.1	0.4	75	0.3	0.56	0.035
1455166	Fine	0.9	30.7	9.8	47	0.2	68.4	18.2	337	2.75	16.7	0.5	2.5	1.3	28	0.1	0.3	64	0.4	0.54	0.033
1455165	Fine	0.9	31.7	10.5	53	0.2	69.3	16.6	337	2.77	15.9	0.5	1.8	1.4	28	0.1	0.3	65	0.4	0.54	0.033
1455160	Mud	0.7	53.8	8.7	75	0.1	127.6	32.5	658	4.87	21	0.4	1.5	1.3	33	0.05	0.5	115	0.3	0.76	0.06
1455170	Mud	1	43.3	7.9	65	0.1	60.6	18.6	559	3.33	14.8	0.8	5.3	2	39	0.1	0.5	63	0.4	0.8	0.045
1455172	Organic 10%	0.8	52.9	5.3	68	0.1	117.5	26.9	668	4.1	9.7	0.5	7.7	1.5	38	0.05	0.5	80	0.2	0.86	0.058
1455173	Mud	0.6	62.9	5.2	69	0.1	134.7	30.1	521	4.47	99.8	0.3	18.2	1.3	57	0.05	4.4	88	0.2	1.37	0.056
1455302	Mud	0.8	53.2	4.7	56	0.1	104.3	24.4	587	3.8	81.4	0.4	7.2	1.1	43	0.05	1.1	77	0.3	0.92	0.047
1455304	Mud	1.1	27.7	9.8	52	0.1	32.8	11.1	360	2.88	26.2	0.6	6.7	3.1	31	0.05	0.5	66	0.2	0.51	0.029
1455305	Loess	1.8	14.8	10.4	36	0.1	14	6.8	177	2.93	7.6	0.4	2	2.1	21	0.05	0.4	74	0.2	0.24	0.016
1455306	Loess	1.1	42.5	10	72	0.05	74.6	22.4	444	3.98	26.7	0.8	3.5	5.1	43	0.05	0.3	86	0.2	0.37	0.025
1455307	Rocky Sample	0.6	44.2	13.2	68	0.05	51.5	16.5	434	3.68	8.9	0.8	1.4	8.5	42	0.05	0.3	68	0.3	0.47	0.071
1455308	Rocky Sample	1.4	46.1	10.2	60	0.05	58.6	21.5	301	3.98	16.1	0.6	5.9	3.6	29	0.05	0.4	82	0.3	0.29	0.031
1455309	Rocky Sample	0.9	34.9	9.4	59	0.05	39.8	16.4	422	3.75	9	0.8	36.8	4.1	39	0.05	0.3	90	0.2	0.47	0.044
1455310	Sandy	0.7	26.2	7.7	47	0.05	26	12.8	297	3.22	9.5	0.8	2	3.3	32	0.05	0.4	79	0.1	0.37	0.023
1455311	Coarse	0.7	28.8	10.4	58	0.05	36.7	14.9	316	3.15	6.2	0.8	2	7.5	21	0.05	0.3	51	0.2	0.19	0.018
1455312	Coarse	0.6	38.4	8.1	64	0.05	37	14.5	363	3.43	7.8	1	2.9	7.1	36	0.05	0.3	74	0.2	0.45	0.046
1455313	Sandy	1	53.5	6.6	85	0.05	80.6	28.8	592	5.24	9.5	0.8	0.25	4.2	41	0.05	0.2	110	0.05	0.55	0.166
1455314	Sandy	0.6	41.4	8.2	62	0.05	48.2	18.5	446	3.72	9.6	0.9	4.8	4.6	34	0.05	0.3	89	0.2	0.4	0.033
1455315	Rocky Sample	0.7	87.4	7.2	89	0.05	135	30	469	4.82	40.9	0.9	2.5	7.7	71	0.05	0.2	71	0.2	0.22	0.045
1455316	Loess	1.1	26.6	10.3	68	0.05	33.5	14.5	455	3.57	9.2	0.7	1	6.2	24	0.05	0.4	65	0.2	0.3	0.03
1455317	Loess	1.2	60.5	7.9	78	0.05	61.3	33	541	5.03	11.6	0.7	9.6	3.5	38	0.05	0.4	134	0.2	0.47	0.041
1455318	Sandy	0.9	44.7	9.7	68	0.05	42.9	15.8	583	3.62	7.7	0.9	1.3	8.5	42	0.05	0.4	66	0.2	0.36	0.028
1455308	Rocky Sample	0.8	56.5	9.5	70	0.05	47.8	18.3	530	3.88	10.9	1.7	3.8	7.6	48	0.05	0.4	81	0.2	0.43	0.028
1455478	Organic 10%	1.3	17.8	8	63	0.2	13.6	7.1	245	2.4	7.2	0.4	3.2	0.9	17	0.2	0.5	61	0.5	0.19	0.027
1455477	Rocky Terrain	1.9	24.8	12.2	71	0.2	38.5	17	288	4.54	15.3	1.1	2.2	2.6	24	0.3	0.8	93	0.3	0.24	0.037
1455478	Rocky Terrain	1.9	24.8	15.1	74	0.3	26.2	12.5	288	4.88	13.8	0.7	2.3	2.3	23	0.3	0.8	109	0.3	0.18	0.031
1455479	Frozen	1.3	38.5	13.7	67	0.3	17.4	5.6	180	1.56	5.9	11.4	10.7	1.7	29	0.1	0.3	36	1.2	0.38	0.081
1455480	Rocky Sample	1.8	32.8	14.9	67	0.1	25.7	10.3	250	3.25	14.9	4.2	6.7	3.4	33	0.2	0.4	62	1.4	0.47	0.053
1455481	Rocky Terrain	2.4	32.9	16.3	57	0.3	34.1	14.2	151	2.90	3.41	1.5	2.6	1.6	19	0.2	0.9	86	0.5	0.17	0.034
1455482	Rocky Terrain	1.7	19.7	12.1	42	0.2	12.6	5.7	155	2.82	15.1	0.6	1.4	1.6	13	0.2	0.6	67	0.2	0.12	0.02
1455483	Sandy	1.4	39.3	9.9	64	0.05	27.9	15.5	477	3.42	31.1	2.4	4.8	5	28	0.1	0.5	77	0.4	0.35	0.029
1455484	Top Layer	1.2	14.5	5.9	28	0.05	7.5	3.2	103	1.67	8.1	0.3	4.5	0.7	9	0.05	0.5	45	0.2	0.07	0.013
1455485	Mud	1.6	42	9.3	68	0.05	33.1	14.8	324	3.28	46.3	1.5	10.6	5.4	30	0.05	0.5	74	0.3	0.36	0.038
1455486	Sandy	2.1	41	10.7	84	0.05	38.1	18.4	452	4.38	9.7	0.9	13.4	5.3	23	0.1	0.4	90	0.4	0.21	0.034
1455487	Loess	1	18.3	6.1	32	0.1	12.3	6.1	171	1.78	51.8	0.6	3.7	1.8	18	0.05	0.2	41	0.1	0.14	0.024
1455488	Sandy	1.9	47.2	11.1	95	0.1	45.6	19.6	337	4.3	122.5	1.4	6.7	6.7	33	0.2	0.4	83	0.4	0.25	0.034
1455489	Clay	1.8	42.6	9	88	0.05	34	17.1	360	4.02	45.3	1.6	5.1	6	33	0.1	0.4	87	0.2	0.32	0.048
1455490	Rocky Sample	1.6	39.2	7.5	72	0.1	32.6	14.7	352	3.72	39.8	1	6.5	4.2	23	0.05	0.5	84	0.3	0.32	0.034
1455491	Rocky Terrain	2.3	20.8	8.9	42	0.05	13.8	5.9	198	3.06	14.2	0.5	7.4	1.8	14	0.1	0.8	81	0.3	0.13	0.024
1455492	Sandy	1.2	34.1	4.5	77	0.05	27.3	15.4	458	4.14	17.9	1.1	7	4.3	23	0.1	0.3	89	0.4	0.31	0.041
1455493	Rocky Sample	1.6	26.5	9.7	68	0.05	28.3	13.6	387	3.84	45.5	0.8	3.1	4.3	27	0.1	0.5	88	0.3	0.3	0.026
1455494	Mud	1.4	35.6	9.9	80	0.1	33.2	15.4	364	4.07	48.6	1.2	3.7	5.5	27	0.1	0.5	85	0.3	0.28	0.035
1455495	Mud	1.2	34.1	9.9	78	0.1	40.3	16.4	298	3.57	16.8	1.2	20.3	4.3	31	0.2	0.5	75	0.3	0.26	0.033
1455496	Rocky Sample	1	28.3	9.3	61	0.05	32.4	11.2	228	2.99	17.4	1	2.1	4.9	27	0.05	0.3	56	0.4	0.18	0.031
1455497	Coarse	1.7	31.3	11.9	100	0.05	36.6	18.2	390	3.83	20.4	0.9	2.7	4.9	24	0.2	0.3	86	0.5	0.23	0.03
1455498	Rocky Sample	0.7	49.2	8.3	108	0.05	31.7	19.7	324	4.58	4	1.3	1.6	6.6	31	0.1	0.2	100	0.4	0.25	0.05
1455499	Rocky Sample	1	42.2	8.4	108	0.05	21.3	15.4	241	4.54	4.7	1.3	2.8	6.8	28	0.05	0.4	79	0.5	0.25	0.065
1455500	Rocky Sample	1	42.4	9.1	107	0.05	21.1	15.9	242	4.57	4.7	1.4	1.6	6.7	27	0.05	0.4	78	0.6	0.25	0.085
1455308	Loess	0.9	16.4	5.3	25	0.05	12.4	4.6	93	1.72	5.4	0.3	2.3	1	15	0.05	0.4	42	0.1	0.13	0.015
1455327	Rocky Sample	2.9	69	14.6	110	0.3	160	36.1	457	4.91	10.3	1.1	5.3	3.8	57	0.2	0.4	127	0.9	0.75	0.128
1455328	Rocky Sample	2.8	57.4	8.7	93	0.05	98.1	27.6	538	4.28	7	1.2	12.4	6	48	0.05	0.5	89	0.9	0.44	0.069
1455328	Rocky Sample	3.2	59.2	9.2	94	0.1	99.7	29.2	544	4.44	6.9	1.3	10.8	6	48	0.05	0.5	88	1	0.44	0.07
1455329	Coarse	6.5	47.2	10.1	83	0.05	68.9	23.7	438	4.28	10.7	0.7	11.5	3.3	33	0.05	0.6	97	2.3	0.45	0.047
1455330	Organic 10%	2.2	19	6.4	47	0.05	25.6	10.1	190	2.71	6	0.4	4.4	2.1	20	0.05	0.4	61	0.6	0.19	0.027
1455331	Rocky Sample	3.6	67.1	21.1	112	0.3	236.9	40.6	582	4.93	7.7	1	25.8	4.3	51	0.3	1.3	96	5.4	0.88	0.064
1455332	Rocky Terrain	1.3	14	6.4	35	0.05	14.7	6	127	1.98	5.4	0.2	0.9	1	15	0.1	0.4	54	0.3	0.16	0.017

sample_id	la_ppm	cr_ppm	mg_pct	li_pct	ba_ppm	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	ti_ppm	sc_ppm	s_pct	se_ppm	ga_ppm	te_ppm	analysis_m
1455186	10	56	0.82	0.118	147	2	2.2	0.027	0.07	0.2	0.03	0.1	5.5	0.025	0.5	6	0.1	AQ201
1455167	9	75	1.04	0.139	130	2	2.25	0.028	0.1	0.3	0.05	0.2	5.7	0.025	0.25	7	0.1	AQ201
1455168	6	96	1.06	0.136	103	2	1.95	0.035	0.11	0.2	0.02	0.2	4.4	0.025	0.25	6	0.1	AQ201
1455168	7	98	1.07	0.141	107	2	1.96	0.035	0.11	0.2	0.02	0.2	4.6	0.025	0.25	7	0.1	AQ201
1455169	6	178	2.05	0.141	136	2	3.02	0.038	0.47	0.4	0.02	0.4	10	0.025	0.7	9	0.1	AQ201
1455170	10	82	1.04	0.123	178	2	2.35	0.032	0.08	0.2	0.02	0.1	6.4	0.025	0.25	7	0.1	AQ201
1455171	9	133	1.53	0.105	138	2	2.45	0.032	0.09	0.2	0.02	0.1	9.1	0.025	0.25	7	0.1	AQ201
1455172	7	146	1.5	0.087	110	2	2.3	0.031	0.1	0.6	0.04	0.1	12.9	0.025	0.6	7	0.1	AQ201
1455173	8	161	1.52	0.071	120	1	2.20	0.027	0.1	0.4	0.04	0.2	18.2	0.025	0.6	6	0.1	AQ201
1455301	6	130	1.52	0.103	107	2	2.16	0.033	0.15	0.1	0.03	0.2	8.1	0.025	0.25	7	0.1	AQ201
1455302	10	118	1.31	0.098	157	2	2.49	0.031	0.07	0.1	0.05	0.1	9.7	0.025	0.6	7	0.1	AQ201
1455303	14	46	0.63	0.085	172	0.5	1.93	0.026	0.07	0.1	0.02	0.1	4.5	0.025	0.25	7	0.1	AQ201
1455304	10	27	0.38	0.082	102	0.5	1.43	0.017	0.08	0.05	0.02	0.05	2.8	0.025	0.25	8	0.1	AQ201
1455305	17	95	1.28	0.116	160	0.5	3.1	0.024	0.12	0.1	0.02	0.1	6.8	0.025	0.25	10	0.1	AQ201
1455307	20	63	1.03	0.099	147	0.5	2.47	0.025	0.23	0.2	0.02	0.2	7.1	0.025	0.8	7	0.1	AQ201
1455308	9	62	0.84	0.111	202	0.5	3.37	0.019	0.07	0.1	0.03	0.1	5.4	0.025	0.25	9	0.1	AQ201
1455310	9	42	0.65	0.09	166	1	2.48	0.021	0.06	0.05	0.02	0.05	4.6	0.025	0.25	6	0.1	AQ201
1455311	13	39	0.64	0.086	124	1	2.23	0.014	0.11	0.05	0.01	0.1	3.8	0.025	0.25	6	0.1	AQ201
1455312	20	48	0.82	0.112	151	2	2.26	0.024	0.09	0.05	0.01	0.05	6.8	0.025	0.25	7	0.1	AQ201
1455313	13	90	2	0.167	182	0.5	3.77	0.021	0.44	0.1	0.02	0.3	8.1	0.025	0.25	12	0.1	AQ201
1455314	16	71	1.12	0.122	180	2	2.69	0.023	0.09	0.1	0.005	0.1	7.6	0.025	0.25	8	0.1	AQ201
1455315	15	138	2.16	0.121	145	1	3.56	0.013	0.45	0.05	0.005	0.3	6.5	0.025	0.25	11	0.1	AQ201
1455316	13	40	0.66	0.068	167	2	2.23	0.018	0.09	0.05	0.02	0.05	3.7	0.025	0.25	6	0.1	AQ201
1455317	11	43	1.04	0.144	168	0.5	2.85	0.022	0.22	0.05	0.02	0.3	8.4	0.025	0.25	10	0.1	AQ201
1455318	19	43	0.82	0.098	147	2	2.49	0.028	0.23	0.05	0.005	0.1	4.7	0.08	0.25	7	0.1	AQ201
1455306	26	55	0.92	0.117	191	0.5	2.81	0.027	0.1	0.1	0.04	0.1	9.1	0.025	0.25	8	0.1	AQ201
1455476	5	22	0.24	0.08	101	1	1.25	0.022	0.03	0.1	0.03	0.05	2	0.025	0.25	7	0.1	AQ201
1455477	11	50	0.59	0.117	164	3	3.83	0.016	0.08	0.05	0.04	0.2	4.8	0.025	0.25	9	0.1	AQ201
1455478	9	46	0.48	0.111	121	1	3.15	0.014	0.05	0.05	0.05	0.1	4	0.025	0.25	12	0.1	AQ201
1455479	15	29	0.39	0.082	86	1	1.45	0.028	0.06	0.2	0.08	0.1	4.2	0.07	0.25	5	0.1	AQ201
1455480	12	38	0.66	0.137	122	2	2.11	0.027	0.09	0.2	0.04	0.1	4.8	0.025	0.25	7	0.1	AQ201
1455481	8	28	0.24	0.075	81	0.5	1.72	0.016	0.04	0.05	0.03	0.1	2.7	0.025	0.25	10	0.1	AQ201
1455482	6	24	0.22	0.075	64	0.5	1.52	0.02	0.03	0.05	0.02	0.05	2.6	0.025	0.25	8	0.1	AQ201
1455483	16	43	0.77	0.152	132	2	2.26	0.022	0.15	0.2	0.02	0.2	6.7	0.025	0.25	7	0.1	AQ201
1455484	3	12	0.14	0.062	32	1	0.75	0.022	0.03	0.05	0.01	0.05	1.3	0.025	0.25	5	0.1	AQ201
1455485	18	48	0.83	0.161	146	1	2.32	0.022	0.24	0.2	0.02	0.3	6.6	0.025	0.25	8	0.1	AQ201
1455486	15	45	0.95	0.159	123	1	2.76	0.017	0.45	0.3	0.02	0.4	7.1	0.06	0.25	8	0.1	AQ201
1455487	7	23	0.37	0.088	59	1	1.27	0.031	0.13	0.2	0.63	0.1	3.1	0.025	0.25	5	0.1	AQ201
1455488	19	70	1.16	0.174	158	2	2.99	0.023	0.55	0.6	0.02	0.5	7	0.1	0.25	10	0.1	AQ201
1455489	21	58	1.07	0.157	184	2	2.86	0.021	0.42	0.3	0.02	0.3	6.1	0.06	0.25	9	0.1	AQ201
1455490	16	42	0.85	0.148	194	3	2.7	0.017	0.2	0.2	0.03	0.2	6.6	0.025	0.25	8	0.1	AQ201
1455491	6	23	0.24	0.083	70	2	1.43	0.016	0.05	0.5	0.02	0.1	2.7	0.025	0.25	9	0.1	AQ201
1455492	15	44	1.29	0.234	203	2	2.48	0.018	0.85	0.5	0.01	0.6	11.8	0.025	0.25	10	0.1	AQ201
1455493	12	47	0.91	0.165	139	2	2.45	0.018	0.37	0.3	0.02	0.3	6.6	0.025	0.25	8	0.1	AQ201
1455494	15	55	0.96	0.16	148	1	2.7	0.021	0.29	0.5	0.02	0.3	6.6	0.08	0.25	9	0.1	AQ201
1455495	13	57	0.88	0.114	134	1	2.53	0.023	0.28	0.2	0.02	0.3	5.5	0.09	0.25	8	0.1	AQ201
1455496	16	52	0.68	0.171	134	2	2.55	0.024	0.49	0.2	0.005	0.3	6.6	0.08	0.25	10	0.1	AQ201
1455497	13	60	1.02	0.213	210	1	3.06	0.036	1.22	0.2	0.005	0.6	8.5	0.23	0.25	10	0.1	AQ201
1455498	18	34	1.22	0.162	195	1	2.73	0.029	1	0.8	0.005	0.6	6.9	0.23	0.25	10	0.1	AQ201
1455499	19	35	1.23	0.154	201	1	2.78	0.03	1	0.6	0.005	0.6	6.8	0.23	0.25	10	0.1	AQ201
1455500	5	20	0.18	0.078	54	1	1.09	0.03	0.06	0.05	0.02	0.05	2.2	0.025	0.25	5	0.1	AQ201
1455327	18	181	2.32	0.251	262	2	3.53	0.027	0.86	1.2	0.03	1.1	10.2	0.06	0.25	13	0.1	AQ201
1455328	22	111	1.7	0.223	238	1	3.34	0.045	0.77	0.5	0.02	0.9	6.6	0.08	0.25	10	0.1	AQ201
1455328	22	113	1.73	0.227	229	2	3.39	0.045	0.79	0.5	0.03	1	6.5	0.08	0.25	11	0.1	AQ201
1455329	12	86	1.54	0.224	201	2	2.94	0.027	0.54	0.2	0.02	1.1	6	0.025	0.25	11	0.1	AQ201
1455330	8	30	0.6	0.132	72	0.5	1.53	0.034	0.2	0.1	0.02	0.3	3.1	0.025	0.25	7	0.1	AQ201
1455331	18	198	3.21	0.229	163	1	3.67	0.051	1.27	0.3	0.02	1.6	7.5	0.025	0.25	13	0.2	AQ201
1455332	4	22	0.35	0.101	46	0.5	1.02	0.029	0.06	0.2	0.02	0.1	2.3	0.025	0.25	6	0.1	AQ201

sample_id	utm_zone	utm_easting	utm_northing	elevation	sample_date	colour	texture	moisture	site_slope	depth	horizon	site_veget	ground_cov	quality	notes
1455333	07N	540184	6837862	960	9/17/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Alders	Leaf Cover	Good	Coarse
1455334	07N	536619	6840023	1113	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	70	B	Black Spruce	Reindeer Moss	Good	Fine
1455335	07N	536609	6840042	1121	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Good	Coarse
1455336	07N	538717	6840059	1120	9/18/2016	Reddish Yellow	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse
1455337	07N	538763	6840078	1122	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse
1455338	07N	538810	6840098	1117	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine
1455339	07N	538858	6840110	1108	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Reindeer Moss	Good	Coarse
1455340	07N	538906	6840127	1096	9/18/2016	Dark Brown	Clay	Damp	Pronounced Slope	60	B	Dwarf Birch	Reindeer Moss	Poor	Fine
1455341	07N	538951	6840144	1064	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	40	B	Dwarf Birch	Bare Soil	Good	Mud
1455342	07N	538959	6840178	1059	9/18/2016	Dark Brown	Silt	Wet	Pronounced Slope	70	B	Dwarf Birch	Reindeer Moss	Good	Coarse
1455343	07N	539046	6840188	1047	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Coarse
1455344	07N	539095	6840186	1047	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse
1455345	07N	539139	6840212	1036	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	60	B	Dwarf Birch	Thin Moss Cover	Poor	Mud
1455346	07N	539188	6840230	1021	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	60	B	Dwarf Birch	Reindeer Moss	Poor	Fine
1455347	07N	539234	6840246	1013	9/18/2016	Dark Brown	Silt	Damp	Subtle Slope	90	B	Alders	Bare Soil	Good	Fine
1455348	07N	539280	6840264	1017	9/18/2016	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse
1455349	07N	539329	6840281	1014	9/18/2016	Chocolate Brown	Gravel	Damp	Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse
1455350	07N	539376	6840299	1015	9/18/2016	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse
1455351	07N	539423	6840315	1054	9/18/2016	Chocolate Brown	Sand	Dry	Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse
1455352	07N	539473	6840315	1031	9/18/2016	Chocolate Brown	Sand	Dry	Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse
1455353	07N	539523	6840315	1031	9/18/2016	Chocolate Brown	Sand	Dry	Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse
1455354	07N	539573	6840330	1032	9/18/2016	Chocolate Brown	Gravel	Damp	Slope	70	C	Alders	Thin Moss Cover	Good	Coarse
1455355	07N	539624	6840347	1030	9/18/2016	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Bare Soil	Good	Coarse
1455356	07N	539674	6840364	1042	9/18/2016	Light Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Bare Soil	Good	Fine
1455357	07N	539724	6840381	1043	9/18/2016	Light Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Thin Moss Cover	Good	Fine
1455358	07N	539774	6840398	1052	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse
1455359	07N	539824	6840415	1049	9/18/2016	Reddish Yellow	Silt	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Fine
1455360	07N	539874	6840434	1054	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Sandy
1455361	07N	539924	6840454	1054	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Sandy
1455362	07N	539974	6840473	1040	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Sandy
1455363	07N	539974	6840494	1044	9/18/2016	Reddish Yellow	Sand	Dry	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse
1455364	07N	539974	6840511	1028	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Black Spruce	Leaf Cover	Good	Coarse
1455365	07N	539974	6840528	1015	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse
1455366	07N	539974	6840545	989	9/18/2016	Chocolate Brown	Sand	Wet	Slope	40	B	Alders	Reindeer Moss	Good	Coarse
1455367	07N	540028	6840561	976	9/18/2016	Chocolate Brown	Sand	Wet	Slope	60	B	Black Spruce	Grass Cover	Good	Coarse
1455368	07N	540078	6840578	976	9/18/2016	Chocolate Brown	Sand	Dry	Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse
1455369	07N	540128	6840599	1012	9/18/2016	Chocolate Brown	Silt	Wet	Slope	100	B	Black Spruce	Grass Cover	Good	Mud
1455370	07N	540178	6840616	1036	9/18/2016	Reddish Yellow	Silt	Dry	Flat	40	C	Dwarf Birch	Thin Moss Cover	Good	Sandy
1455371	07N	540228	6840634	1061	9/18/2016	Reddish Yellow	Gravel	Dry	Subtle Slope	40	C	Dwarf Birch	Leaf Cover	Good	Coarse
1455372	07N	540278	6840651	1061	9/18/2016	Reddish Yellow	Gravel	Dry	Subtle Slope	40	C	Dwarf Birch	Leaf Cover	Good	Coarse
1455373	07N	540328	6840668	1056	9/18/2016	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Excellent	Sandy
1455374	07N	540378	6840685	1056	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Good	Sandy
1455375	07N	540428	6840702	1063	9/18/2016	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse
1455376	07N	540478	6840719	1064	9/18/2016	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse
1455377	07N	540528	6840736	1049	9/18/2016	Reddish Yellow	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse
1455378	07N	540578	6840753	1048	9/18/2016	Reddish Yellow	Silt	Dry	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Sandy
1455379	07N	540628	6840770	1048	9/18/2016	Reddish Yellow	Silt	Dry	Subtle Slope	40	C	Dwarf Birch	Leaf Cover	Poor	Sandy
1455380	07N	540678	6840787	1050	9/18/2016	Reddish Yellow	Silt	Dry	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Sandy
1455381	07N	540728	6840804	1051	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse
1455382	07N	540778	6840821	1051	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse
1455383	07N	540828	6840838	1047	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Fine
1455384	07N	540878	6840855	1046	9/18/2016	Reddish Yellow	Silt	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Coarse
1455385	07N	540928	6840872	1054	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Poplar	Bare Soil	Good	Sandy
1455386	07N	540978	6840889	1054	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Sandy
1455387	07N	541028	6840906	1050	9/18/2016	Dark Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse
1455388	07N	541078	6840923	1045	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Good	Sandy
1455389	07N	541128	6840940	1038	9/18/2016	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Mud
1455390	07N	541178	6840957	1043	9/18/2016	Reddish Yellow	Silt	Dry	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Coarse
1455391	07N	541228	6840974	1054	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse
1455392	07N	541278	6840991	1018	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse
1455393	07N	541328	6841008	1013	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse
1455394	07N	541378	6841025	1007	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Good	Coarse
1455395	07N	541428	6841042	1001	9/18/2016	Dark Brown	Silt	Wet	Subtle Slope	40	C	Poplar	Bare Soil	Good	Sandy
1455396	07N	541478	6841059	985	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Partially Frozen
1455397	07N	541528	6841076	985	9/18/2016	Chocolate Brown	Silt	Dry	Slope	40	B	Poplar	Bare Soil	Good	Sandy

sample_id	note2	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	ss_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	ab_ppm	v_ppm	bi_ppm	ca_pct	p_pct
1455333	Sandy	1.8	49.4	15.8	85	0.1	54.5	18.5	565	3.66	38.3	1.5	8.6	7.6	43	0.2	0.7	79	1.3	0.64	0.043
1455334	Sandy	0.6	62	10.9	73	0.1	33.2	17.1	828	3.03	29	1.5	5.1	5.1	87	0.3	0.6	61	0.3	1.55	0.061
1455335	Sandy	0.8	54.7	11.9	100	0.05	46.5	18.5	484	4.25	59.1	1.1	2	7.5	42	0.05	0.3	87	0.3	0.49	0.035
1455336	Sandy	0.8	60.4	9.1	102	0.1	41.8	24.1	720	6.07	1786	1.3	295.7	10.2	82	0.05	2.6	70	0.3	0.54	0.05
1455337	Sandy	1.4	60.5	24.3	96	0.05	58	29	516	5.28	24.3	1.3	22.7	8.3	39	0.05	0.4	88	0.4	0.37	0.05
1455338	Rocky Sample	2	90.1	45.4	151	0.3	60.4	24.4	1045	4.86	1706.7	4.7	637.7	7.4	110	0.3	30.2	98	0.4	0.73	0.118
1455339	Sandy	1.6	84.5	16.4	105	0.2	67.4	23.7	976	4.8	108.4	2.4	34.7	7.9	111	0.2	0.5	119	0.3	1	0.118
1455340	Frozen	1.5	53.6	17.6	68	0.1	44.7	20.4	1038	3.37	10.4	2.2	3.7	4.3	92	0.3	0.4	73	0.3	1.08	0.075
1455341	Partially Frozen	1.4	53.6	8.7	61	0.1	48.2	18.3	926	3.04	17.2	1.5	3.8	2.8	92	0.1	0.5	69	0.2	1.33	0.063
1455342	Mud	0.7	41.4	7.4	59	0.05	48.8	16.5	1054	3.15	22	1.1	11.5	2.9	70	0.2	0.6	72	0.2	1.23	0.058
1455343	Mud	1.1	39.8	8	67	0.05	47.7	19.3	699	3.29	18.6	1.1	4.4	3.5	68	0.1	0.7	72	0.2	1	0.082
1455344	Mud	0.7	36.9	7.4	68	0.05	62.8	18.9	455	3.15	29.9	1.1	100	3.4	63	0.05	1.9	71	0.2	0.96	0.072
1455345	Organic 10%	0.9	38.4	8	71	0.05	45.6	18	690	3.23	22.1	1	3.7	2.7	76	0.1	1.3	75	0.2	1.35	0.072
1455346	Mud	0.6	32.4	6.7	61	0.05	44.6	16	492	2.78	33.7	1	8.7	2.1	99	0.1	0.2	66	0.1	1.77	0.063
1455347	Mud	0.9	30.2	5.3	48	0.1	32.8	12.3	361	3.03	33.7	1	6.3	4.3	35	0.05	0.2	54	0.2	0.65	0.04
1455348	Rocky Sample	0.9	25	6.4	56	0.05	44.2	16.7	561	3.78	40.8	1	7	5.4	24	0.05	0.3	63	0.3	0.35	0.039
1455701	Rocky Sample	0.9	20.3	4.7	58	0.05	17	11.8	436	4.47	58.5	0.9	18.3	4.6	25	0.05	0.3	46	0.2	0.29	0.028
1455702	Rocky Sample	0.7	17	4.2	53	0.05	14.4	9.9	402	3.58	103.8	0.6	10.9	3.5	25	0.05	0.3	46	0.05	0.37	0.033
1455349	Rocky Sample	0.6	16.8	4.1	54	0.05	14.3	10	398	3.55	97.6	0.7	8.8	3.6	25	0.05	0.3	44	0.2	0.36	0.034
1455350	Rocky Sample	0.6	24.6	5.2	53	0.05	17.8	10.7	482	3.39	35.7	0.8	6.6	2.9	31	0.1	0.3	60	0.2	0.54	0.038
1455703	Sandy	0.8	20.4	5.8	60	0.05	17.7	11.2	446	3.52	91.3	0.7	3.7	4	28	0.05	0.4	60	0.2	0.38	0.021
1455704	Sandy	1	21.9	6	48	0.05	20	11.2	391	3.16	118.4	0.5	2	2.4	26	0.1	0.4	71	0.2	0.39	0.024
1455705	Loess	0.9	19.5	6	45	0.1	18.9	9.9	428	2.95	131	0.7	6.3	2.4	24	0.05	0.4	59	0.2	0.34	0.026
1455706	Sandy	0.8	19.8	5.8	58	0.05	20.7	11.1	488	3.96	190.5	0.4	40.3	2.8	27	0.05	0.5	70	0.2	0.34	0.018
1455707	Sandy	1	18.6	4.8	43	0.05	42.1	15.7	293	3.73	18.6	0.7	24.4	4.6	17	0.05	0.2	61	0.1	0.18	0.02
1455708	Sandy	1.1	18.1	6.3	54	0.05	22.2	13.3	434	3.63	13.8	0.8	3.3	3.2	25	0.1	0.4	64	0.1	0.3	0.031
1455709	Coarse	1.1	19.1	6.1	55	0.05	21.7	13	421	3.59	14.1	0.8	1.9	3.2	25	0.05	0.3	64	0.1	0.3	0.031
1455710	Rocky Sample	0.9	22	5.7	55	0.05	23.7	11.8	358	3.59	12.9	0.7	8.3	3.5	27	0.05	0.3	66	0.1	0.32	0.022
1455711	Loess	1	16.8	5	49	0.05	18.5	9.5	295	3.14	11.4	0.4	1.6	2.4	22	0.05	0.3	56	0.05	0.31	0.031
1455712	Sandy	0.7	18.8	5.2	46	0.05	17.3	9.7	340	2.96	15	0.8	3.2	2.9	24	0.05	0.2	57	0.1	0.32	0.028
1455713	Sandy	0.4	11.7	2.8	35	0.05	10.3	8.7	264	2.89	6.6	0.5	5.2	3.3	20	0.05	0.1	76	0.2	0.33	0.048
1455714	Sandy	0.5	15.2	4	42	0.05	15.3	9.4	277	2.78	8.6	0.5	1.3	2.9	20	0.05	0.2	65	0.1	0.32	0.037
1455715	Mud	0.6	16.5	4.7	46	0.05	18.2	9.4	287	2.6	8.7	0.5	5.3	2.1	24	0.05	0.2	56	0.1	0.38	0.04
1455716	Rocky Sample	0.7	24	4.4	50	0.05	25.6	14.1	416	3.21	6.8	0.9	5.5	3.7	24	0.05	0.2	61	0.1	0.4	0.048
1455717	Coarse	0.7	24	5	53	0.05	26.5	13.5	429	3.22	9.2	0.9	5	3.4	30	0.05	0.2	66	0.2	0.48	0.054
1455718	Loess	0.9	23.4	5.1	47	0.05	17.1	8.5	292	3.16	3.7	0.6	3.2	3.4	18	0.05	0.2	54	1.2	0.24	0.015
1455719	Rocky Sample	1.4	26.1	6.1	51	0.05	25.4	13.3	297	3.68	8.8	0.6	2.8	3.2	20	0.05	0.6	65	0.2	0.25	0.038
1455720	Rocky Sample	0.6	10.5	2.6	36	0.05	16.7	8.7	306	2.89	3.4	0.4	0.4	0.25	4.2	10	0.05	46	0.2	0.14	0.032
1455721	Coarse	1.1	13.7	4.3	54	0.05	16	12.5	328	3.69	5.1	0.5	8.8	3.6	12	0.05	0.2	65	0.2	0.16	0.03
1455724	Sandy	0.4	10	2	30	0.05	7.6	8.5	309	3.57	2.4	0.4	0.25	4.2	8	0.05	0.05	52	0.1	0.16	0.034
1455725	Sandy	0.3	9.6	1.6	28	0.05	6.9	9.4	325	3.73	1.8	0.4	0.4	0.25	4.4	8	0.05	47	0.1	0.16	0.035
1455722	Sandy	0.9	12	2.9	26	0.05	11.3	9.6	192	3	3.4	0.6	0.9	4.9	12	0.05	0.2	63	0.05	0.18	0.019
1455723	Coarse	0.6	23.8	3.9	29	0.05	15.7	8.4	180	2.27	4.2	0.6	2.2	2.2	19	0.05	0.2	50	0.05	0.26	0.021
1458051	Loess	0.9	15	4.1	54	0.05	21.5	12.7	227	3.07	4.1	0.4	0.8	2.6	9	0.05	0.2	72	0.1	0.15	0.022
1458052	Sandy	0.6	18.5	4.3	29	0.05	91.1	15.3	261	2.49	4.3	0.4	1	1.6	39	0.05	0.2	58	0.1	0.72	0.116
1458053	Rocky Sample	0.6	35.3	4.1	39	0.05	156.8	22.6	153	2.61	3.9	0.3	2	1.5	30	0.05	0.2	57	2.3	0.55	0.094
1458054	Sandy	1	19.8	6.5	40	0.1	17.1	9.2	296	2.25	5.7	0.4	2.6	1.4	26	0.05	0.3	57	0.2	0.45	0.028
1458055	Loess	1.4	21.9	9	54	0.1	28.6	15.7	417	3.29	9.4	0.6	1.9	2.3	36	0.05	0.6	77	0.3	0.57	0.022
1458056	Loess	0.9	30.3	4.2	60	0.05	129.7	31.7	249	4.17	3.8	0.8	0.25	1.9	33	0.05	0.2	97	2	0.81	0.204
1458057	Mud	0.8	40.7	8.2	63	0.1	30	13.3	291	3.42	5.7	0.8	6.7	2.9	26	0.05	0.3	87	0.4	0.46	0.048
1458058	Mud	0.8	17.9	3.8	60	0.05	22.1	20.2	788	5.51	2.7	0.4	1.2	2.5	10	0.05	0.1	127	0.2	0.19	0.039
1458059	Wet Soil	0.9	20	4.9	63	0.05	27.9	15.1	422	3.89	4.2	0.5	0.7	2.5	14	0.05	0.2	79	0.2	0.2	0.024
1458060	Sandy	0.9	20	4.9	63	0.05	27.9	15.1	422	3.89	4.2	0.5	0.7	2.5	14	0.05	0.2	79	0.2	0.2	0.024
1458061	Sandy	0.8	23	4	48	0.05	40	16.6	375	3.54	4.2	0.8	1.2	2.9	20	0.05	0.2	72	0.1	0.29	0.024
1458062	Mud	0.8	15.1	4.2	41	0.05	45.1	13.8	269	3.08	3.5	0.6	1.2	2.8	18	0.05	0.2	58	0.2	0.24	0.018
1458063	Sandy	0.6	17.2	2.5	47	0.05	25.5	13.9	480	3.95	2.6	0.7	1	4.5	12	0.05	0.2	66	0.3	0.17	0.025
1458064	Loess	1.1	16.8	4.8	34	0.05	44.8	12.5	243	2.69	5.3	0.3	2	1.9	16	0.05	0.3	68	0.3	0.05	0.019
1458065	Mud	0.4	27.4	4.4	63	0.05	22.4	10.7	318	2.78	4.8	0.6	4.8	3.2	34	0.05	0.3	67	0.05	0.66	0.075
1458066	Rocky Sample	0.7	43.9	3.9	37	0.05	47.1	15.6	301	3.57	3	0.8	0.25	2.7	21	0.05	0.3	60	0.1	0.51	0.037

sample_id	la_ppm	cr_ppm	mg_pct	li_pct	ba_ppm	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	u_ppm	sc_ppm	s_pct	sa_ppm	pb_ppm	ta_ppm	analysis_m
1455333	20	67	1.08	0.181	155	1	2.81	0.048	0.32	0.8	0.03	0.6	7.8	0.025	0.25	7	0.1	AG201
1455334	19	40	0.84	0.108	168	3	2.37	0.058	0.28	0.1	0.04	0.2	6.4	0.025	1.4	9	0.1	AG201
1455335	22	89	1.17	0.183	194	1	3.13	0.059	0.89	0.1	0.01	0.3	7.2	0.06	1	10	0.1	AG201
1455336	21	60	1.61	0.173	218	1	3.86	0.034	1.5	0.4	0.01	0.8	9.5	0.15	0.6	12	0.1	AG201
1455337	25	63	1.44	0.178	215	1	3.89	0.018	1.08	0.1	0.02	0.6	7.8	0.025	0.25	11	0.1	AG201
1455338	17	58	1.67	0.117	149	2	4.09	0.055	0.28	0.2	0.03	0.4	8.8	0.12	0.8	11	0.1	AG201
1455340	22	82	1.98	0.176	294	2	4.28	0.091	0.82	0.1	0.03	0.4	12	0.06	1.3	13	0.1	AG201
1455341	16	53	0.98	0.104	174	2	2.4	0.051	0.17	0.05	0.04	0.2	7.1	0.05	1.1	8	0.1	AG201
1455342	13	65	0.95	0.131	192	2	2.35	0.049	0.19	0.1	0.02	0.2	6.8	0.025	1.2	7	0.1	AG201
1455343	15	66	1.07	0.132	174	2	2.6	0.046	0.32	0.1	0.03	0.2	7.2	0.025	1.3	8	0.1	AG201
1455344	13	84	1.16	0.135	158	2	2.46	0.042	0.34	0.2	0.03	0.2	7.2	0.025	0.8	8	0.1	AG201
1455345	13	72	1.08	0.135	159	2	2.43	0.048	0.28	0.05	0.04	0.2	6.8	0.06	0.95	8	0.1	AG201
1455346	10	56	0.81	0.112	139	2	1.9	0.048	0.2	0.1	0.03	0.2	5.6	0.07	0.6	6	0.1	AG201
1455347	9	67	0.98	0.127	121	2	2.04	0.066	0.28	0.2	0.02	0.2	6	0.07	0.25	6	0.1	AG201
1455348	21	67	0.79	0.121	152	2	2.23	0.023	0.41	0.2	0.03	0.2	5.5	0.025	0.25	7	0.1	AG201
1455350	10	21	0.84	0.164	177	2	2.01	0.022	0.42	0.3	0.02	0.2	8.9	0.025	0.25	8	0.1	AG201
1455702	14	25	0.8	0.203	248	0.5	2.81	0.019	0.7	0.3	0.02	0.3	12.2	0.025	0.25	11	0.1	AG201
1455703	12	28	0.68	0.154	184	1	2.12	0.027	0.27	0.2	0.02	0.1	7.7	0.025	0.5	7	0.1	AG201
1455704	13	31	0.73	0.15	166	2	2.11	0.021	0.26	0.3	0.02	0.2	8.1	0.025	0.6	8	0.1	AG201
1455705	8	35	0.88	0.118	162	1	2.1	0.021	0.89	0.2	0.02	0.1	5.7	0.025	0.25	7	0.1	AG201
1455706	11	39	0.64	0.114	127	1	2.24	0.022	0.1	0.2	0.02	0.1	5.6	0.025	0.6	8	0.1	AG201
1455707	8	38	0.72	0.146	164	2	2.45	0.016	0.2	0.5	0.005	0.2	8.8	0.025	0.25	9	0.1	AG201
1455708	13	60	1.15	0.191	164	1	2.98	0.011	0.66	0.2	0.01	0.3	6.1	0.025	0.25	10	0.1	AG201
1455709	11	34	0.74	0.142	173	2	2.58	0.015	0.25	0.05	0.02	0.1	6.4	0.025	0.6	9	0.1	AG201
1455710	10	33	0.72	0.163	173	0.5	2.5	0.019	0.19	0.05	0.01	0.1	7.2	0.025	0.25	8	0.1	AG201
1455711	7	28	0.63	0.158	142	1	2.08	0.018	0.29	0.1	0.01	0.2	6.2	0.025	0.25	8	0.1	AG201
1455712	9	28	0.59	0.132	139	1	2.02	0.02	0.12	0.1	0.02	0.2	6.2	0.025	0.25	7	0.1	AG201
1455713	11	19	0.91	0.156	149	1	1.9	0.016	0.43	0.2	0.02	0.2	9.3	0.025	0.25	6	0.1	AG201
1455714	8	28	0.69	0.141	124	1	1.86	0.022	0.14	0.1	0.02	0.1	6	0.025	0.25	7	0.1	AG201
1455715	7	28	0.59	0.126	137	2	1.9	0.022	0.12	0.1	0.02	0.05	5	0.025	0.6	7	0.1	AG201
1455716	12	38	0.87	0.172	167	1	2.18	0.02	0.34	0.2	0.02	0.2	7.1	0.025	0.25	7	0.1	AG201
1455717	12	41	0.82	0.159	177	2	2.24	0.022	0.23	0.2	0.03	0.2	7.1	0.025	0.6	8	0.1	AG201
1455718	11	25	0.49	0.148	114	1	1.85	0.016	0.14	0.3	0.005	0.1	7.3	0.025	0.25	7	0.1	AG201
1455719	7	41	0.57	0.136	135	0.5	2.85	0.017	0.12	0.1	0.02	0.1	6.4	0.025	0.25	7	0.1	AG201
1455720	8	31	0.77	0.175	142	0.5	1.77	0.011	0.54	0.2	0.005	0.2	9.5	0.025	0.25	8	0.1	AG201
1455721	8	28	0.91	0.217	149	0.5	2.44	0.014	0.49	0.2	0.005	0.2	8.7	0.025	0.25	9	0.1	AG201
1455724	7	13	0.75	0.162	144	0.5	2.11	0.007	0.61	0.2	0.005	0.3	10.9	0.025	0.25	8	0.1	AG201
1455725	8	12	0.81	0.214	165	0.5	2.09	0.009	0.67	0.2	0.005	0.3	11.5	0.025	0.25	9	0.1	AG201
1455722	11	18	0.74	0.217	143	0.5	1.87	0.012	0.38	0.1	0.005	0.2	8.1	0.025	0.25	7	0.1	AG201
1455723	15	29	0.53	0.12	119	0.5	1.6	0.016	0.06	0.05	0.01	0.05	5.3	0.025	0.25	5	0.1	AG201
1458051	6	21	0.68	0.221	108	0.5	2.28	0.014	0.2	0.2	0.005	0.1	7.9	0.025	0.25	6	0.1	AG201
1458052	9	114	0.86	0.187	140	0.5	1.98	0.029	0.05	0.2	0.02	0.05	4.8	0.025	0.25	6	0.1	AG201
1458053	11	106	1.23	0.216	154	0.5	2.02	0.024	0.09	0.2	0.005	0.2	2.6	0.025	0.25	6	0.1	AG201
1458054	7	27	0.41	0.077	148	0.5	1.69	0.029	0.03	0.05	0.02	0.05	3.1	0.025	0.25	6	0.1	AG201
1458055	9	44	0.58	0.080	193	1	2.37	0.033	0.04	0.1	0.02	0.1	5.1	0.025	0.25	7	0.1	AG201
1458056	12	151	1.66	0.352	259	0.5	3.14	0.023	0.5	0.4	0.005	0.5	4.1	0.025	0.25	10	0.1	AG201
1458057	13	41	0.93	0.177	243	1	2.53	0.023	0.28	0.2	0.04	0.2	8.6	0.025	0.25	8	0.1	AG201
1458058	7	40	2.03	0.397	185	0.5	3.57	0.012	1.4	0.3	0.01	0.6	17.9	0.025	0.25	13	0.1	AG201
1458059	5	21	0.39	0.106	88	1	1.35	0.03	0.15	0.1	0.02	0.1	3.2	0.025	0.25	5	0.1	AG201
1458060	7	49	1.14	0.278	154	0.5	2.47	0.013	0.66	0.3	0.01	0.4	8.6	0.025	0.25	9	0.1	AG201
1458061	10	65	1.15	0.262	161	0.5	2.28	0.018	0.45	0.2	0.02	0.3	7.6	0.025	0.25	8	0.1	AG201
1458062	9	75	0.85	0.246	126	0.5	2	0.018	0.33	0.1	0.005	0.3	4.6	0.025	0.25	6	0.1	AG201
1458063	10	35	1	0.322	177	0.5	2.27	0.013	0.77	0.3	0.005	0.5	10.9	0.025	0.25	8	0.1	AG201
1458064	6	61	0.62	0.144	134	0.5	1.91	0.016	0.06	0.05	0.01	0.1	3.1	0.025	0.25	6	0.1	AG201
1458065	12	31	0.7	0.143	138	1	1.8	0.041	0.11	0.2	0.01	0.1	6.1	0.025	0.25	5	0.1	AG201
1458066	9	73	0.95	0.204	146	1	2.44	0.024	0.25	0.3	0.005	0.2	6.2	0.025	0.25	8	0.1	AG201

sample_id	utm_zone	utm_easting	utm_northing	elevation	sample_date	colour	texture	moisture	site_slope	depth	horizon	site_veget	ground_cov	quality	note1
1458067	07N	538440	6945904	988	9/19/2016	Dark Brown	Silt	Damp	Subtle Slope	60	B	Alders	Sphagnum Moss < 30cm	Good	Mud
1458068	07N	538440	6945904	988	9/19/2016	Dark Brown	Silt	Damp	Subtle Slope	60	B	Alders	Sphagnum Moss < 30cm	Good	Mud
1458069	07N	538463	6945961	991	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Fine
1458070	07N	538568	6945669	975	9/19/2016	Reddish Yellow	Silt	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse
1458071	07N	538611	6946018	979	9/19/2016	Reddish Yellow	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Fine
1458072	07N	538653	6946048	976	9/19/2016	Reddish Yellow	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Excellent	Sandy
1458073	07N	538696	6946075	974	9/19/2016	Reddish Yellow	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse
1458074	07N	538996	6946075	976	9/19/2016	Reddish Yellow	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse
1458075	07N	538736	6946103	979	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Coarse
1458076	07N	538781	6946131	982	9/19/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Bare Soil	Good	Sandy
1458077	07N	538823	6946158	989	9/19/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	C	Poplar	Bare Soil	Good	Coarse
1458078	07N	538858	6932988	1188	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Reindeer Moss	Good	Fine
1458079	07N	538921	6932950	1198	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy
1458080	07N	538325	6936222	1188	9/16/2016	Chocolate Brown	Silt	Damp	Flat	40	B	Dwarf Birch	Thin Moss Cover	Good	Fine
1458081	07N	538381	6936185	1200	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	Dwarf Birch	Bare Soil	Good	Coarse
1458082	07N	538409	6936171	1203	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	20	C	Dwarf Birch	Bare Soil	Good	Coarse
1458083	07N	538461	6936170	1200	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	20	B	Dwarf Birch	Reindeer Moss	Good	Coarse
1458084	07N	538510	6936162	1198	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse
1458085	07N	538560	6936164	1197	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	20	C	Dwarf Birch	Bare Soil	Good	Coarse
1458086	07N	538612	6936158	1199	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Fine
1458087	07N	538662	6936162	1199	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Fine
1458088	07N	538712	6936153	1197	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Fine
1458089	07N	538762	6936150	1198	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse
1458090	07N	538812	6936158	1198	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Good	Fine
1458091	07N	538812	6936158	1198	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Fine
1458092	07N	538812	6936158	1198	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Fine
1458093	07N	538812	6936158	1198	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Fine
1458094	07N	538908	6936134	1189	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Clay
1458095	07N	538959	6936131	1202	9/16/2016	Dark Brown	Silt	Damp	Subtle Slope	40	B	White Spruce	Reindeer Moss	Good	Rocky Terrain
1458096	07N	537090	6936111	1213	9/16/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Terrain
1458097	07N	537108	6936093	1216	9/16/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Good	Coarse
1458098	07N	537154	6936077	1224	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Sandy
1458099	07N	537203	6936062	1223	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Sandy
1458100	07N	537247	6936038	1225	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Reindeer Moss	Good	Sandy
1458101	07N	537333	6935983	1234	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Terrain
1458102	07N	537376	6935955	1237	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine
1458103	07N	537416	6935928	1238	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy
1458104	07N	537456	6935893	1243	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Sandy
1458105	07N	537502	6935872	1244	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	Sandy	Reindeer Moss	Good	Sandy
1458106	07N	537652	6935865	1246	9/16/2016	Light Brown	Silt	Dry	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Good	Fine
1458107	07N	537685	6935855	1241	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Rocky Terrain
1458108	07N	537603	6935855	1239	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Terrain
1458109	07N	537704	6935847	1230	9/16/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Bright Orange Rust
1458110	07N	537753	6935838	1227	9/16/2016	Chocolate Brown	Silt	Damp	Flat	60	C	Dwarf Birch	Reindeer Moss	Good	Sandy
1458111	07N	537801	6935821	1222	9/16/2016	Light Brown	Silt	Damp	Pronounced Slope	70	C	Dwarf Birch	Reindeer Moss	Good	Sandy
1458112	07N	542762	6937798	1122	9/17/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy
1458113	07N	542731	6937837	1104	9/17/2016	Dark Brown	Silt	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%
1458114	07N	542698	6937878	1093	9/17/2016	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse
1458115	07N	542633	6937920	1088	9/17/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy
1458116	07N	542604	6938000	1089	9/17/2016	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse
1458117	07N	542571	6938037	1062	9/17/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy
1458118	07N	542537	6938076	1053	9/17/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy
1458119	07N	542500	6938112	1045	9/17/2016	Reddish Brown	Silt	Dry	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy
1458120	07N	542461	6938143	1037	9/17/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy
1458121	07N	542461	6938143	1037	9/17/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy

sample_id	mo_ppm	cu_ppm	pb_ppm	zn_ppm	sg_ppm	nl_ppm	co_ppm	ms_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	cs_pct	p_pct
1455067	0.8	35.8	7.7	47	0.05	34.5	14.8	486	3.04	7	0.7	2.3	2.4	44	0.05	0.4	72	0.2	0.2	0.78
1455067	0.6	36.3	7.1	49	0.05	34.7	14.3	486	3.02	7.1	0.7	2.4	2.4	45	0.05	0.4	72	0.2	0.2	0.78
1455068	0.6	24	5.2	40	0.05	30.7	11.6	286	2.79	5.5	0.6	1.3	2.5	29	0.05	0.3	65	0.1	0.1	0.45
1455069	1.3	12.7	4.2	42	0.05	12.3	8.8	273	3.26	4.7	0.5	1.4	2.8	17	0.05	0.2	65	0.1	0.25	0.025
1455070	0.6	22	5.5	45	0.05	23.2	11.2	282	2.91	5.6	0.5	1.3	2.5	28	0.05	0.4	70	0.1	0.38	0.019
1455071	0.7	20.1	4.1	59	0.05	18.8	12.1	380	3.78	4.8	0.7	1.3	5.6	20	0.05	0.3	66	0.2	0.26	0.015
1455072	0.3	7.9	1.8	67	0.05	30.1	17.9	737	4.86	12.5	0.6	0.25	3.6	11	0.05	0.05	85	0.05	0.18	0.032
1455074	0.7	16	4.1	67	0.05	24.3	20.4	462	4.53	8.4	1.1	1	3.6	24	0.05	0.1	77	0.2	0.38	0.036
1455075	0.8	16.3	4.3	67	0.05	24.2	18	436	4.36	5.7	1.1	1.5	3.9	21	0.05	0.2	77	0.2	0.31	0.027
1455076	1	28.3	2.9	62	0.05	49.8	17.8	427	4.43	3.3	0.6	0.8	2	48	0.05	0.2	106	0.4	0.61	0.168
1455077	1.4	26.2	6.4	57	0.1	53.3	22.6	423	3.9	7.3	0.4	0.7	2.3	28	0.05	0.4	82	0.3	0.48	0.076
1455078	0.7	44.8	8.8	54	0.05	32	13.8	469	3.35	11.9	0.8	3.6	2.7	16	0.05	0.4	80	0.05	0.47	0.056
1455079	0.8	35.4	5.1	51	0.05	53.8	16.6	312	3.44	5.6	0.4	2	0.7	16	0.05	0.2	76	0.05	0.33	0.062
1455080	0.7	27.8	14.2	60	0.05	24.1	10.7	285	2.93	28.9	0.6	2.8	3.5	22	0.2	0.4	62	0.1	0.31	0.048
1455081	0.7	18	11.3	82	0.05	17.4	7.4	500	3.41	0.6	0.4	7.8	4.2	22	0.05	0.3	49	0.1	0.34	0.049
1455082	1	32.1	8.8	58	0.1	34.3	14.8	436	3.57	31.7	0.6	2.7	4.2	26	0.3	0.5	74	0.1	0.32	0.028
1455083	0.8	23.3	16.4	47	0.05	10.4	4.7	217	1.61	5.2	0.6	1.6	1.2	17	0.1	0.2	30	0.2	0.21	0.046
1455084	0.8	43.1	21.1	98	0.05	31.9	12.5	420	2.96	6.9	0.8	3.2	3.7	24	0.2	0.3	63	0.2	0.41	0.063
1455085	0.9	36.4	38.5	74	0.05	34.1	16.4	548	3.5	17.1	0.9	1.6	6.8	12	0.2	0.3	45	0.3	0.19	0.051
1455086	0.8	28.5	8	62	0.1	28	11.3	324	3.12	7.5	0.6	5.2	3.1	24	0.1	0.4	73	0.1	0.37	0.049
1455087	1.9	29.9	10.7	59	0.1	28.5	12.1	285	3.7	11	0.6	3.8	2.4	23	0.2	0.6	88	0.1	0.26	0.031
1455088	2.3	28.1	10.5	68	0.05	32.8	15.6	369	3.96	13.3	0.7	3.6	2.7	22	0.1	0.8	89	0.2	0.26	0.033
1455089	1.2	30.6	8.6	44	0.05	22.1	9.1	278	3.09	7.5	0.6	3.9	2.8	21	0.05	0.4	75	0.2	0.3	0.039
1455090	1.5	32.7	9.4	62	0.05	28.4	12.3	369	3.46	9.8	0.7	10.4	2.8	19	0.05	0.4	78	0.2	0.27	0.047
1455091	1.6	33.3	9.3	52	0.05	28.3	12.6	363	3.52	9.8	0.7	1	2.9	21	0.1	0.3	80	0.2	0.28	0.045
1455092	0.5	41.6	15	58	0.1	33.9	14.6	572	3.63	16.3	0.5	4	3.9	49	0.05	0.6	70	0.2	1.13	0.078
1455093	0.5	42.9	21.1	56	0.1	39.5	16.8	576	3.68	13.6	1	3	5.3	41	0.05	0.4	73	0.2	0.64	0.053
1455094	1	29.9	16.3	45	0.1	25.6	12.5	860	2.8	12.4	0.8	5	1.4	61	0.1	0.7	49	0.2	1.12	0.07
1455095	1.6	27.6	10.3	45	0.05	23.4	10.2	295	3.12	10.3	0.6	2.7	1.9	25	0.05	0.5	70	0.2	0.32	0.033
1455096	1	59.3	11	59	0.05	40.7	19	615	3.63	11.2	0.7	3	3.8	28	0.05	0.5	72	0.2	0.44	0.069
1455097	1.5	58.8	23.9	64	0.05	49.8	20.8	813	3.89	9.4	1	3.7	5.2	32	0.05	0.4	81	0.3	0.43	0.069
1455098	1.4	56.4	23.3	60	0.1	49.6	20.5	807	3.78	9	1	2.5	5.2	32	0.1	0.4	59	0.3	0.42	0.068
1455099	0.8	44.8	8.5	58	0.05	64.1	18.8	432	3.93	6.1	0.4	1.7	2.3	29	0.05	0.3	66	0.05	0.5	0.067
1455100	1	35.3	9	57	0.05	37.1	17.4	443	3.71	7.8	0.5	2.9	2.1	28	0.2	0.3	80	0.1	0.31	0.052
1455101	0.9	48.1	14.2	63	0.05	83.3	22.1	600	4.23	14.5	0.6	3	3	24	0.05	0.4	81	0.1	0.36	0.07
1455102	0.5	47.3	12.4	56	0.05	53.9	17.3	398	3.49	9.7	0.8	3.4	4.2	45	0.05	0.3	74	0.2	0.59	0.062
1455103	1.1	50.5	11	58	0.1	41.1	16.3	691	3.74	10.6	0.9	2.3	2.5	42	0.05	0.4	75	0.2	0.96	0.072
1455104	0.6	47.8	13	57	0.1	43	15.3	598	3.71	8.2	0.7	6.7	4.3	42	0.05	0.4	69	0.2	0.61	0.064
1455105	1	35.1	10.9	53	0.05	42.1	15.6	489	3.5	8.4	0.7	2.7	4.2	22	0.05	0.3	68	0.2	0.39	0.059
1455106	0.6	35.8	7.6	51	0.05	37.9	16.4	360	3.48	7.1	0.9	2.6	5.6	20	0.05	0.3	59	0.2	0.3	0.04
1455107	0.9	23.4	10.2	49	0.05	35.1	16.8	415	3.81	9.8	0.5	0.6	2.9	18	0.05	0.3	84	0.1	0.27	0.021
1455108	1	26.9	9.5	42	0.1	22.6	10.8	414	2.81	7.5	0.7	10.4	2.2	24	0.05	0.3	67	0.1	0.36	0.051
1455109	0.8	29.9	7.3	52	0.05	26.4	11	391	2.93	5.9	0.9	4.9	2.7	28	0.05	0.3	71	0.1	0.51	0.073
1455110	0.4	35	6.3	56	0.05	30.6	10.9	351	3.11	7	0.6	2.9	3.1	39	0.05	0.3	82	0.1	0.65	0.08
1455111	0.5	37	7.1	69	0.05	43.6	12.3	396	3.25	6.4	0.5	1.6	3	38	0.05	0.3	76	0.1	0.68	0.073
1455112	0.4	32	6.7	54	0.05	34.4	11.5	334	3.07	7	0.5	1.9	2.7	36	0.05	0.3	71	0.05	0.55	0.076
1455113	0.4	60.7	13.9	131	0.1	61.1	16	691	4.54	9.3	1.5	0.7	6.9	31	0.2	0.2	64	0.3	0.96	0.113
1455114	1.2	18.3	5.3	47	0.05	13.6	14	658	2.7	5.7	0.8	1	1.9	24	0.1	0.3	66	0.1	0.34	0.065
1455115	0.9	23.3	5.7	52	0.05	17.8	13.4	410	2.57	4.8	1.1	4.5	3.8	22	0.1	0.4	68	0.2	0.32	0.056
1455116	0.7	18.1	4.6	53	0.05	10.7	12.9	319	4.03	27.2	1	2.1	6.9	16	0.1	0.2	91	0.2	0.27	0.042
1455117	0.4	18.2	5.1	49	0.05	14.2	10.5	283	3.02	30.1	1	2.7	6.4	19	0.1	0.2	71	0.2	0.29	0.04
1455118	0.3	9.6	1.8	30	0.05	6	8.5	247	2.6	3.6	1.1	0.6	8	13	0.05	0.1	52	0.2	0.21	0.037
1455119	0.6	13.3	3.9	44	0.05	11.2	8.8	245	2.77	7.7	1	3.9	5.6	18	0.06	0.2	60	0.2	0.27	0.042
1455120	0.8	13.7	4.1	42	0.05	11.2	10.2	298	3.21	5.8	0.8	2.3	5.8	20	0.05	0.2	72	0.2	0.27	0.029
1455121	0.5	12.6	4.2	35	0.05	10.9	8.2	269	2.69	5.2	1	8.4	6.2	18	0.05	0.2	58	0.4	0.27	0.027
1455122	0.8	11.2	2.7	45	0.05	10.2	12.5	345	4.11	5.7	1	0.25	6.1	12	0.1	0.2	93	0.2	0.16	0.024
1455123	1	30.9	6.8	50	0.05	21.9	12	308	3.21	10	1.3	8.8	5.1	27	0.05	0.4	75	0.2	0.31	0.036
1455124	0.9	31.8	6.9	47	0.05	22.2	12.2	310	3.26	10.2	1.3	2.8	5.1	27	0.1	0.4	75	0.2	0.31	0.037

sample id	la_ppm	cr_ppm	mg_pct	li_pct	ba_ppm	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	li_ppm	ss_ppm	s_pct	sa_ppm	ga_ppm	ts_ppm	analysis_m
1458067	11	47	0.76	0.129	186	1	1.96	0.039	0.06	0.1	0.02	0.05	5.8	0.025	0.25	6	0.1	AQ201
1458067	11	47	0.75	0.132	197	1	1.96	0.039	0.06	0.1	0.02	0.05	5.8	0.025	0.25	6	0.1	AQ201
1458068	10	45	0.76	0.15	149	0.5	1.89	0.025	0.07	0.1	0.01	0.05	5.7	0.025	0.25	6	0.1	AQ201
1458069	7	21	0.8	0.215	138	0.5	1.89	0.013	0.38	0.2	0.005	0.2	9.2	0.025	0.25	8	0.1	AQ201
1458070	8	37	0.73	0.137	155	0.5	1.89	0.023	0.07	0.05	0.01	0.05	5.5	0.025	0.25	6	0.1	AQ201
1458071	15	29	0.96	0.262	147	0.5	2.36	0.013	0.44	0.2	0.005	0.5	12.6	0.025	0.25	8	0.1	AQ201
1458072	13	60	1.87	0.342	263	0.5	3.02	0.012	1.49	0.2	0.005	0.5	17.6	0.025	0.25	12	0.1	AQ201
1458073	12	38	0.94	0.092	282	0.5	2.9	0.021	0.41	0.05	0.005	0.2	15.2	0.025	0.25	8	0.1	AQ201
1458075	13	39	0.89	0.116	272	0.5	2.73	0.016	0.44	0.05	0.005	0.5	13.3	0.025	0.25	8	0.1	AQ201
1458076	15	50	1.26	0.306	272	0.5	3.03	0.012	0.96	0.2	0.005	0.5	11.5	0.025	0.25	11	0.1	AQ201
1458077	9	59	0.99	0.2	252	0.5	2.68	0.021	0.16	0.1	0.01	0.2	4.7	0.025	0.25	8	0.1	AQ201
1458536	12	41	0.8	0.119	225	2	2.76	0.026	0.06	0.05	0.03	0.05	3.3	0.025	0.25	7	0.1	AQ201
1458536	6	129	1.32	0.114	83	2	2.46	0.011	0.04	0.05	0.02	0.2	7.7	0.025	0.25	7	0.1	AQ201
1458537	15	34	0.62	0.093	137	2	2.39	0.017	0.08	0.05	0.04	0.1	5.3	0.025	0.25	6	0.1	AQ201
1458538	22	28	1.02	0.127	132	2	2.05	0.02	0.32	0.05	0.02	0.1	2	0.025	0.25	3	0.1	AQ201
1458540	14	15	0.32	0.047	57	0.5	0.93	0.022	0.07	0.05	0.01	0.05	3.5	0.025	0.25	6	0.1	AQ201
1458541	17	35	0.75	0.08	119	1	2.06	0.013	0.06	0.05	0.02	0.05	5.9	0.025	0.25	6	0.1	AQ201
1458542	22	35	0.81	0.044	74	0.5	2.07	0.007	0.06	0.05	0.01	0.05	3.5	0.025	0.25	6	0.1	AQ201
1458543	11	37	0.67	0.116	133	2	2.84	0.018	0.05	0.05	0.03	0.1	5.7	0.025	0.25	6	0.1	AQ201
1458544	9	41	0.54	0.111	130	2	2.78	0.016	0.05	0.05	0.03	0.1	5.1	0.025	0.25	8	0.1	AQ201
1458545	9	48	0.66	0.109	127	1	3.16	0.016	0.05	0.05	0.02	0.2	5.7	0.025	0.25	8	0.1	AQ201
1458546	12	36	0.57	0.097	131	1	2.14	0.015	0.05	0.05	0.02	0.1	4.6	0.025	0.25	7	0.1	AQ201
1458547	12	36	0.85	0.1	138	2	2.65	0.013	0.05	0.05	0.02	0.1	5.3	0.025	0.25	8	0.1	AQ201
1458547	12	37	0.65	0.106	143	2	2.66	0.014	0.05	0.05	0.03	0.05	5.5	0.025	0.25	8	0.1	AQ201
1458548	16	35	0.62	0.087	169	2	2.47	0.023	0.05	0.05	0.04	0.05	7.3	0.025	0.25	6	0.1	AQ201
1458351	20	41	0.79	0.094	162	2	2.47	0.023	0.05	0.05	0.04	0.05	7.5	0.025	0.25	7	0.1	AQ201
1458352	13	27	0.34	0.047	123	1	1.7	0.025	0.03	0.05	0.04	0.05	3.9	0.025	0.25	5	0.1	AQ201
1458353	10	34	0.45	0.08	114	2	2.23	0.018	0.04	0.05	0.03	0.1	3.9	0.025	0.25	7	0.1	AQ201
1458354	11	39	0.82	0.092	141	2	2.46	0.017	0.06	0.05	0.02	0.1	4.9	0.025	0.25	6	0.1	AQ201
1458355	11	43	0.71	0.116	135	2	2.82	0.019	0.05	0.05	0.02	0.05	5.6	0.025	0.25	6	0.1	AQ201
1458356	26	44	0.82	0.075	133	1	2.3	0.018	0.05	0.05	0.03	0.05	6	0.025	0.25	6	0.1	AQ201
1458356	25	43	0.8	0.069	127	0.5	2.21	0.017	0.05	0.05	0.03	0.05	5.8	0.025	0.25	5	0.1	AQ201
1458357	6	104	1.38	0.141	147	2	2.78	0.012	0.15	0.1	0.02	0.1	5.8	0.025	0.25	8	0.1	AQ201
1458358	8	51	0.98	0.122	128	1	2.59	0.011	0.13	0.05	0.02	0.2	4.8	0.025	0.25	7	0.1	AQ201
1458359	13	119	1.5	0.114	149	2	2.97	0.011	0.07	0.05	0.02	0.1	7.5	0.025	0.25	8	0.1	AQ201
1458360	17	64	1.05	0.105	153	1	2.7	0.015	0.07	0.05	0.03	0.1	7.4	0.025	0.25	7	0.1	AQ201
1458361	15	52	0.91	0.088	168	2	2.7	0.016	0.07	0.05	0.04	0.05	7.5	0.025	0.25	7	0.1	AQ201
1458362	18	48	0.85	0.1	170	2	2.47	0.023	0.06	0.05	0.03	0.05	7.6	0.025	0.25	6	0.1	AQ201
1458363	13	57	0.96	0.085	141	1	2.48	0.014	0.06	0.05	0.02	0.1	5.5	0.025	0.25	7	0.1	AQ201
1458364	17	51	0.92	0.099	138	1	2.43	0.012	0.07	0.05	0.02	0.05	6	0.025	0.25	7	0.1	AQ201
1458365	9	39	0.85	0.102	128	0.5	2.53	0.01	0.07	0.05	0.02	0.05	4	0.025	0.25	7	0.1	AQ201
1458366	12	32	0.57	0.093	129	1	1.97	0.023	0.05	0.2	0.02	0.05	4.3	0.025	0.25	6	0.1	AQ201
1458367	12	38	0.7	0.121	146	1	2.14	0.021	0.05	0.2	0.01	0.05	5.5	0.025	0.25	6	0.1	AQ201
1458368	12	42	0.75	0.134	145	2	1.89	0.034	0.06	0.1	0.02	0.05	7.4	0.025	0.25	5	0.1	AQ201
1458549	13	62	0.88	0.132	169	1	2.32	0.024	0.07	0.1	0.01	0.05	7.6	0.025	0.25	6	0.1	AQ201
1458550	10	43	0.82	0.122	178	1	2.48	0.022	0.07	0.1	0.01	0.05	6	0.025	0.25	6	0.1	AQ201
1458369	29	73	1.28	0.068	147	1	2.45	0.017	0.06	0.05	0.02	0.05	6.2	0.025	0.25	8	0.1	AQ201
1458370	8	26	0.49	0.087	106	2	1.43	0.022	0.08	0.2	0.04	0.05	3.9	0.05	0.25	6	0.1	AQ201
1458371	13	30	0.64	0.119	142	2	1.86	0.017	0.12	0.2	0.05	0.1	5.5	0.025	0.25	7	0.1	AQ201
1458372	16	17	1.05	0.229	213	2	2.17	0.013	0.79	0.3	0.02	0.2	7.8	0.025	0.25	9	0.1	AQ201
1458373	14	23	0.83	0.18	172	1	2.03	0.016	0.42	0.2	0.02	0.2	6.9	0.025	0.25	8	0.1	AQ201
1458451	19	12	0.75	0.161	152	2	1.6	0.011	0.53	0.2	0.01	0.2	5.3	0.025	0.25	7	0.1	AQ201
1458452	15	21	0.87	0.124	128	2	1.7	0.013	0.24	0.2	0.03	0.1	5.3	0.025	0.25	7	0.1	AQ201
1458453	14	20	0.72	0.156	139	0.5	1.99	0.014	0.26	0.3	0.02	0.1	5.3	0.025	0.25	8	0.1	AQ201
1458454	16	20	0.81	0.128	130	0.5	1.77	0.011	0.19	0.2	0.01	0.2	5.5	0.025	0.25	6	0.1	AQ201
1458455	12	19	0.73	0.244	193	1	2.2	0.01	0.72	0.2	0.01	0.2	11	0.025	0.25	9	0.1	AQ201
1458456	22	33	0.62	0.143	211	1	2.3	0.016	0.11	0.1	0.03	0.1	7.1	0.025	0.25	8	0.1	AQ201
1458456	22	32	0.63	0.142	217	0.5	2.32	0.016	0.11	0.1	0.04	0.1	7.2	0.025	0.25	7	0.1	AQ201

sample_id	utm_zone	utm_easting	utm_northing	elevation	sample_date	colour	texture	moisture	site_slope	depth	horizon	site_vegetation	ground_cover	quality	notes
1454457	07N	542417	6838173	1031	9/17/2016	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Leaf Cover	Good	Fine
1454458	07N	542390	6838217	1028	9/17/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse
1454459	07N	542366	6838280	1018	9/17/2016	Dark Brown	Silt	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%
1454460	07N	542326	6838292	1009	9/17/2016	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine
1454461	07N	542256	6838399	1033	9/17/2016	Dark Brown	Silt	Dry	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy
1454462	07N	542218	6838401	986	9/17/2016	Light Brown	Silt	Dry	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy
1454463	07N	542163	6838438	979	9/17/2016	Dark Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy
1454464	07N	542146	6838475	968	9/17/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse
1454465	07N	542116	6838516	960	9/17/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	Black Spruce	Reindeer Moss	Good	Sandy
1454466	07N	542081	6838554	946	9/17/2016	Dark Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Reindeer Moss	Good	Rocky Terrain
1454467	07N	542050	6838594	930	9/17/2016	Dark Brown	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Reindeer Moss	Good	Organic 25%
1454468	07N	542020	6838636	916	9/17/2016	Reddish Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Reindeer Moss	Poor	Organic 10%
1454469	07N	541988	6838675	887	9/17/2016	Dark Brown	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Reindeer Moss	Good	Sandy
1454470	07N	541956	6838713	885	9/17/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	20	B	Black Spruce	Reindeer Moss	Poor	Rocky Terrain
1454471	07N	541826	6838756	877	9/17/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Reindeer Moss	Good	Sandy
1454472	07N	541899	6838797	847	9/17/2016	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Black Spruce	Reindeer Moss	Good	Organic 10%
1454473	07N	541863	6838845	829	9/17/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	B	Black Spruce	Reindeer Moss	Poor	Organic 10%
1454474	07N	541869	6838893	811	9/17/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy
1454475	07N	541851	6838941	792	9/17/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	30	C	Black Spruce	Reindeer Moss	Good	Coarse
1454476	07N	541847	6838993	784	9/17/2016	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Reindeer Moss	Good	Coarse
1454477	07N	541825	6839110	785	9/17/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Birch Forest	Thin Moss Cover	Poor	Outcrop Nearby
1454478	07N	539387	6840781	1040	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Thin Moss Cover	Good	Sandy
1454479	07N	539434	6840808	1037	9/18/2016	Dark Brown	Silt	Damp	Sleep	70	B	Black Spruce	Reindeer Moss	Poor	Organic 25%
1454480	07N	539482	6840828	1047	9/18/2016	Dark Brown	Silt	Wet	Sleep	50	B	Black Spruce	Reindeer Moss	Poor	Organic 10%
1454481	07N	539528	6840842	1050	9/18/2016	Dark Brown	Silt	Wet	Pronounced Slope	40	B	Black Spruce	Reindeer Moss	Poor	Organic 10%
1454482	07N	539575	6840859	1054	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Reindeer Moss	Good	Sandy
1454483	07N	539622	6840877	1059	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Reindeer Moss	Good	Sandy
1454484	07N	539669	6840894	1063	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Reindeer Moss	Good	Sandy
1454485	07N	539716	6840911	1072	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Reindeer Moss	Good	Sandy
1454486	07N	539763	6840927	1082	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Reindeer Moss	Poor	Organic 10%
1454487	07N	539811	6840945	1083	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	80	B	Black Spruce	Reindeer Moss	Poor	Organic 25%
1454488	07N	539858	6840962	1068	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	60	B	Black Spruce	Reindeer Moss	Poor	Organic 25%
1454489	07N	539905	6840980	1065	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%
1454490	07N	539952	6840998	1066	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Reindeer Moss	Poor	Organic 25%
1454491	07N	539999	6841013	1066	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Reindeer Moss	Poor	Organic 25%
1454492	07N	539946	6841031	1066	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	Black Spruce	Reindeer Moss	Poor	Organic 10%
1454493	07N	539994	6841047	1058	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	60	B	Black Spruce	Reindeer Moss	Poor	Organic 10%
1454494	07N	539941	6841064	1049	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	Dwarf Birch	Reindeer Moss	Good	Sandy
1454495	07N	539983	6841080	1056	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Reindeer Moss	Good	Organic 10%
1454496	07N	5399231	6841098	1045	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	B	Alders	Reindeer Moss	Poor	Organic 10%
1454497	07N	539979	6841115	1043	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	Black Spruce	Reindeer Moss	Good	Sandy
1454498	07N	539926	6841134	988	9/18/2016	Dark Brown	Silt	Damp	Sleep	50	B	Black Spruce	Reindeer Moss	Poor	Organic 25%
1454499	07N	539974	6841149	969	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Reindeer Moss	Poor	Organic 25%
1454500	07N	539948	6841167	946	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Reindeer Moss	Poor	Organic 25%
1454501	07N	539947	6841183	939	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Alders	Reindeer Moss	Poor	Organic 25%
1454502	07N	539913	6841202	937	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Reindeer Moss	Poor	Organic 10%
1454503	07N	539962	6841219	939	9/18/2016	Chocolate Brown	Silt	Damp	Sleep	60	B	Alders	Reindeer Moss	Poor	Organic 10%
1454504	07N	539908	6841235	947	9/18/2016	Chocolate Brown	Silt	Damp	Sleep	70	B	Black Spruce	Reindeer Moss	Good	Sandy
1454505	07N	539855	6841253	951	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	60	B	Black Spruce	Reindeer Moss	Good	Sandy
1454506	07N	539701	6841270	966	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	70	B	Black Spruce	Reindeer Moss	Poor	Organic 10%
1454507	07N	539754	6841288	966	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Black Spruce	Reindeer Moss	Good	Sandy
1454508	07N	539708	6841304	972	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Reindeer Moss	Poor	Organic 25%
1454509	07N	539843	6841322	986	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454510	07N	539843	6841322	984	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454511	07N	539811	6841341	1170	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454512	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454513	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454514	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454515	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454516	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454517	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454518	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454519	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454520	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454521	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454522	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454523	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454524	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454525	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454526	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454527	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454528	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454529	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454530	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454531	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454532	07N	539811	6841341	1168	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Reindeer Moss	Good	Sandy
1454533	07N	539811	6841341	1168	9/18/										

sample_id	nots2	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	cl_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	ca_pct	p_pct	
1455457		0.5	10.9	3.8	37	0.05	10.7	10.5	224	3.92	6.4	1	0.6	7.3	13	0.05	0.2	66	0.2	0.2	0.029	
1455458	Rocky Terrain	0.9	35.7	17.1	112	0.05	25.9	13	425	3.92	14.3	1	3.5	6.1	24	0.1	0.3	70	0.4	0.26	0.035	
1455459	Rocky Terrain	0.6	24.4	5.4	28	0.2	6.4	3.2	104	1.37	4.3	0.5	2.1	0.4	16	0.1	0.2	27	0.2	0.16	0.046	
1455460	Rocky Terrain	1.1	63.7	19.7	127	0.05	41	19.7	505	4.25	42.2	0.9	2.8	5	33	0.1	0.2	81	0.6	0.22	0.035	
1455461	Rocky Terrain	1.3	17.2	5.1	31	0.05	11.2	6.4	137	1.89	6.2	0.5	2.8	1.2	20	0.3	0.3	46	0.3	0.18	0.037	
1455462	Rocky Terrain	0.8	21.6	4.8	60	0.05	21.5	10	310	3.44	8.5	0.8	1.5	4.7	15	0.05	0.4	48	0.1	0.17	0.028	
1455463	Rocky Terrain	1.1	28.4	9.8	94	0.05	32	15.4	392	3.6	6.8	0.8	3.6	3.3	21	0.2	0.4	82	0.2	0.3	0.048	
1455464	Rocky Terrain	0.8	25	5	94	0.05	32.8	16.8	588	4.18	4.5	0.9	0.25	5.4	19	0.05	0.2	89	0.1	0.27	0.049	
1455465	Rocky Terrain	0.8	42.6	7.1	93	0.05	37.9	18.6	438	4.04	6.4	1.1	3.4	5.7	19	0.2	0.2	97	0.2	0.27	0.039	
1455466	Rocky Terrain	1.1	21.3	7.8	57	0.05	23.6	12.9	418	2.99	6.4	0.8	0.8	3.7	21	0.1	0.3	69	0.2	0.2	0.046	
1455467	Rocky Terrain	0.4	16.4	4.4	20	0.05	9.4	3.9	90	1.2	2	0.9	1.8	0.8	21	0.05	0.1	25	0.05	0.18	0.038	
1455468	Rocky Terrain	1.5	17.7	9.8	41	0.05	20.7	8.1	164	3.6	10.6	0.5	5.9	2.5	12	0.05	0.7	93	0.2	0.11	0.025	
1455469	Rocky Terrain	0.8	21.3	13.3	68	0.05	29.2	12.4	328	2.83	12.9	1	1.8	4.1	21	0.1	0.2	67	0.2	0.22	0.038	
1455470	Rocky Terrain	0.6	8.9	3.5	22	0.05	5.6	4.2	210	1.3	3.9	0.2	1.1	0.7	8	0.05	0.2	29	0.05	0.09	0.022	
1455471	Rocky Terrain	0.7	34.3	7.5	69	0.05	45	19.6	396	3.26	10.6	0.9	1.2	4.7	24	0.05	0.1	72	0.2	0.25	0.042	
1455472	Rocky Terrain	0.7	22	9	74	0.05	30.2	18.5	565	3.57	7.9	1	1.8	5.5	20	0.05	0.2	84	0.2	0.24	0.041	
1455473	Rocky Terrain	0.9	21.4	12.7	47	0.2	20.3	8.1	191	2.2	6.4	0.8	2	2.1	19	0.1	0.2	53	0.2	0.19	0.038	
1455474	Rocky Terrain	1.8	33.5	11.5	62	0.1	28.9	11.3	220	2.64	4.8	1.2	6.1	3.5	24	0.05	0.2	46	0.2	0.25	0.052	
1455475	Rocky Terrain	1.2	39.9	9.3	65	0.05	42.1	19.2	357	3.49	5.2	0.9	2.3	4.7	23	0.05	0.2	77	0.3	0.27	0.04	
1455374	Rocky Sample	0.6	59.2	6	54	0.05	69.7	24.6	303	2.98	4.9	0.4	0.25	2.1	23	0.05	0.2	68	0.2	0.37	0.059	
1455375	Rocky Terrain	1.4	25.4	7.9	81	0.1	38.8	17.7	491	3.59	6.3	0.9	3.6	4.3	28	0.05	0.3	87	0.3	0.34	0.037	
1455651	Possible Creek Contamination	0.6	23	7.8	69	0.05	27.4	15	498	2.79	8.9	0.6	2.4	3.8	35	0.1	0.2	56	0.2	0.62	0.069	
1455652		0.9	27	5.9	45	0.05	19.4	14.1	673	2.9	9.1	1.2	10.7	3.7	40	0.1	0.3	57	0.7	0.71	0.04	
1455653		0.6	30.4	13.3	83	0.05	27.7	12.6	313	2.98	10.3	1.4	1.9	5.2	46	0.1	0.4	64	0.3	0.68	0.054	
1455654		1.1	33.2	10.1	70	0.1	30.4	14.8	464	3	73.6	1.4	56.2	4.8	51	0.2	0.2	9.9	74	0.2	0.91	0.052
1455655		0.9	47.9	11.4	72	0.05	41.3	19.3	374	3.49	18.9	1.2	11.1	5.8	51	0.2	1.1	80	0.3	0.56	0.048	
1455656		0.9	22.3	6.6	36	0.05	22.8	11.8	251	2.63	5.4	0.6	0.8	3.5	20	0.05	0.3	53	0.2	0.19	0.025	
1455657		1.5	53.9	12.7	73	0.1	60.8	26	462	3.66	10.3	1.4	9.9	4.2	48	0.05	0.3	68	0.2	0.54	0.062	
1455658		0.6	53.4	7.4	72	0.05	112.8	30.2	689	3.94	19	0.7	2.2	2.8	115	0.1	0.2	95	0.1	2.24	0.069	
1455659		0.7	34.3	6.9	70	0.05	38.7	15.7	466	2.67	59.9	0.8	2.0	2.2	85	0.2	0.5	61	0.1	1.47	0.065	
1455660		0.9	39.5	8.7	67	0.05	37.2	20.7	365	3.31	94.5	0.8	4.3	2.4	67	0.2	0.4	75	0.1	1.24	0.059	
1455661		0.8	47.4	9.8	70	0.1	53.3	17.3	627	2.81	55.6	0.8	4	1.8	92	0.2	0.2	66	0.1	1.91	0.062	
1455662		1.2	82.6	9.2	78	0.1	40.8	21.9	501	3.47	11.8	0.7	2.4	2.4	83	0.3	0.3	64	0.2	1.46	0.062	
1455663		0.6	61	9	60	0.05	82.5	21.6	271	3.47	42.8	1.2	8	3.3	52	0.2	0.4	87	0.2	0.89	0.103	
1455664		0.8	28.4	9.6	82	0.05	49.8	16.3	324	3.25	13.4	0.9	2.2	3.4	49	0.05	0.3	85	0.2	0.65	0.06	
1455665		0.8	29.4	7.2	80	0.05	49.1	20	463	3.93	16.6	0.6	3	3.9	36	0.05	0.2	86	0.2	0.44	0.038	
1455665		0.8	30.5	7.8	85	0.05	53.1	22	464	3.91	17.5	0.6	7.1	4.3	38	0.1	0.2	87	0.3	0.44	0.042	
1455666		0.6	29.1	6	52	0.05	31.6	13.8	361	2.45	7.6	1	4.4	2.4	40	0.2	0.2	46	0.3	0.51	0.061	
1455667	Rocky Terrain	1.1	15	8.3	49	0.05	25.2	12	372	2.9	11.7	0.5	3.1	2.8	24	0.05	0.3	76	0.2	0.27	0.024	
1455668		0.5	21.6	6.1	49	0.05	24.7	9.2	227	2.2	8.5	0.9	8.4	2.2	32	0.2	0.2	36	0.1	0.44	0.054	
1455669		0.7	15.7	7.3	48	0.05	18.8	10.9	366	2.46	8.8	0.8	2.5	2.3	26	0.05	0.3	56	0.2	0.32	0.041	
1455670		0.9	14.8	6.3	56	0.05	19.6	14.4	574	3.05	11.1	0.5	3.4	3.1	23	0.05	0.2	78	0.2	0.32	0.043	
1455671		0.6	12.5	6.4	41	0.05	14.7	5.9	138	1.88	5.4	0.6	10.4	1.4	21	0.1	0.1	34	0.2	0.29	0.042	
1455672		0.5	13.6	6.3	44	0.05	15.3	6.4	154	2.04	6.7	0.6	2	1.2	20	0.1	0.2	38	0.1	0.32	0.04	
1455673		0.4	11.2	5.5	51	0.05	16.4	5.8	143	2.05	24.7	0.6	9	1.7	26	0.05	0.2	36	0.1	0.39	0.043	
1455676		0.4	9.1	7	35	0.05	10.2	5.2	167	1.96	17.3	0.4	2.8	1.1	19	0.05	0.4	30	0.05	0.29	0.036	
1455677		0.7	10.6	5.9	44	0.05	10.7	5	176	1.97	22.3	0.5	6.5	1.5	23	0.1	0.2	35	0.1	0.27	0.039	
1455678		0.5	9.9	5.8	47	0.05	11.1	5.3	188	2.23	7.1	0.6	3.1	2.1	21	0.05	0.2	39	0.1	0.25	0.042	
1455679		0.6	12.2	4.7	47	0.05	13.1	7.3	258	2.31	5.6	0.6	5.4	2.2	18	0.1	0.2	48	0.1	0.26	0.033	
1455680		0.7	10.5	4.5	37	0.05	22.4	6.8	152	2.1	3.8	0.5	1.2	1.5	19	0.05	0.1	37	0.2	0.3	0.058	
1455681		0.9	27.9	6	58	0.05	68.1	18.8	558	2.77	5.3	0.5	2.2	1.8	38	0.1	0.2	67	0.4	0.65	0.069	
1455682		0.8	22.2	5.9	78	0.05	21.4	15.4	419	3.76	3.2	0.5	1.2	3.1	30	0.05	0.1	98	0.2	0.34	0.054	
1455683		1	22.6	9.2	70	0.1	18.1	16.4	1409	2.53	3.8	0.6	2.3	1.3	38	0.1	0.3	54	0.1	0.65	0.072	
1455684		0.9	24.1	6.8	63	0.05	49.4	20.2	380	4.17	5.3	0.6	1.4	4	17	0.05	0.1	83	0.2	0.31	0.06	
1455685		0.6	25.6	6.7	62	0.05	58	22.7	378	4.3	5.3	0.5	2.4	3.5	18	0.05	0.1	97	0.3	0.36	0.061	
1455684		1.2	45.8	9.2	83	0.05	64	25.5	426	4.28	10.2	0.7	3.4	3.2	19	0.2	0.3	140	0.2	0.36	0.038	
1455685		1.6	70.7	13.8	146	0.2	81.7	23.8	366	4.2	8.9	0.8	3.4	2.8	24	0.2	0.1	175	0.2	0.57	0.068	
1455686	Rocky Terrain	1.1	76.3	6.6	85	0.05	77.6	25.9	363	3.99	7.3	0.5	4.4	2	19	0.05	0.2	123	0.2	0.43	0.053	
1455687		1.3	51.9	9.9	73	0.1	37.8	18.5	351	3.54	12.6	0.9	5.3	3	22	0.1	0.3	85	0.2	0.34	0.036	
1455688		0.7	28.1	4.3	21	0.1	11.7	4.4	72	1.14	2.9	0.5	3.5	0.5	12	0.05	0.1	26	0.05	0.16	0.025	

sample id	la ppm	cr ppm	myr pct	u pct	ba ppm	b ppm	al pct	na pct	l pct	w ppm	hg ppm	u ppm	sc ppm	s pct	se ppm	ga ppm	to ppm	analysis m
1455457	17	27	1.02	0.17	123	0.5	2.35	0.009	0.44	0.2	0.02	0.3	7	0.025	0.25	9	0.1	AG201
1455458	17	45	0.93	0.182	162	1	2.69	0.017	0.46	0.2	0.03	0.3	6	0.025	0.25	8	0.1	AG201
1455459	6	16	0.25	0.054	81	0.5	0.92	0.029	0.13	0.1	0.03	0.05	2	0.06	0.25	4	0.1	AG201
1455460	14	72	1.63	0.167	220	1	3.34	0.018	0.62	0.1	0.01	0.3	8.6	0.15	0.6	10	0.1	AG201
1455461	7	20	0.32	0.071	101	1	1.06	0.018	0.16	0.05	0.04	0.1	3.2	0.025	0.25	5	0.1	AG201
1455462	9	31	0.93	0.129	146	0.5	2.39	0.012	0.43	0.1	0.02	0.2	9.7	0.025	0.25	10	0.1	AG201
1455463	11	62	0.95	0.183	178	1	2.53	0.018	0.39	0.1	0.02	0.2	6.1	0.025	0.25	8	0.1	AG201
1455464	16	66	1.4	0.263	202	1	2.81	0.016	0.95	0.2	0.02	0.4	11.1	0.025	0.25	12	0.1	AG201
1455465	17	79	1.31	0.23	240	0.5	2.86	0.017	0.96	0.2	0.01	0.4	8.4	0.025	0.25	10	0.1	AG201
1455466	12	38	0.58	0.117	150	0.5	1.96	0.018	0.28	0.2	0.02	0.2	5	0.025	0.25	8	0.1	AG201
1455467	11	17	0.19	0.041	70	0.5	0.94	0.023	0.05	0.05	0.06	0.05	2	0.025	0.25	4	0.1	AG201
1455468	8	44	0.46	0.116	84	0.5	1.91	0.012	0.09	0.05	0.02	0.1	3.4	0.025	0.25	10	0.1	AG201
1455469	12	56	0.8	0.15	147	0.5	2.3	0.019	0.34	0.2	0.02	0.2	6.8	0.025	0.25	9	0.1	AG201
1455470	3	10	0.14	0.05	27	0.5	0.88	0.023	0.04	0.05	0.02	0.05	1.2	0.025	0.25	3	0.1	AG201
1455471	14	63	0.89	0.181	146	1	2.38	0.021	0.4	0.3	0.02	0.2	6	0.025	0.6	9	0.1	AG201
1455472	13	62	1	0.209	138	1	2.41	0.02	0.52	0.3	0.02	0.3	8	0.025	0.25	10	0.1	AG201
1455473	10	43	0.56	0.106	83	1	1.65	0.018	0.11	0.1	0.04	0.1	4	0.025	0.25	8	0.1	AG201
1455474	16	44	0.65	0.108	148	2	2.11	0.015	0.28	0.2	0.04	0.2	4.7	0.025	0.25	7	0.1	AG201
1455475	13	63	0.85	0.199	145	1	2.7	0.024	0.2	0.3	0.02	0.2	5.7	0.025	0.25	9	0.1	AG201
1455374	7	76	0.94	0.152	107	0.5	2.4	0.046	0.13	0.2	0.02	0.1	4.1	0.025	0.25	7	0.1	AG201
1455375	14	63	1	0.202	148	1	2.49	0.027	0.33	0.2	0.03	0.3	7.2	0.025	0.25	10	0.1	AG201
1455651	12	30	0.73	0.105	133	0.5	1.77	0.025	0.27	0.1	0.02	0.2	4.2	0.025	0.25	5	0.1	AG201
1455652	12	30	0.55	0.115	143	1	1.63	0.028	0.17	0.2	0.03	0.1	5.7	0.025	0.25	6	0.1	AG201
1455653	16	40	0.79	0.132	128	0.5	2.19	0.027	0.29	0.1	0.04	0.2	5.5	0.06	0.5	7	0.1	AG201
1455654	14	46	0.97	0.139	145	0.5	2.54	0.038	0.37	0.2	0.03	0.2	6.3	0.09	0.5	7	0.1	AG201
1455655	18	54	1.07	0.162	151	2	2.87	0.046	0.45	0.1	0.03	0.3	6.1	0.07	0.25	8	0.1	AG201
1455656	12	29	0.54	0.12	76	0.5	1.44	0.024	0.28	0.05	0.005	0.2	3.1	0.025	0.25	6	0.1	AG201
1455657	18	63	1.08	0.146	167	1	2.75	0.047	0.57	0.1	0.03	0.3	6.6	0.12	0.6	10	0.1	AG201
1455658	10	38	0.81	0.116	136	3	1.95	0.061	0.1	0.1	0.03	0.2	5.1	0.09	0.6	6	0.1	AG201
1455659	10	48	0.82	0.12	111	2	2.06	0.051	0.1	0.4	0.04	0.1	7.2	0.08	0.6	6	0.1	AG201
1455660	11	47	0.82	0.12	111	3	1.97	0.056	0.11	0.1	0.04	0.2	7.3	0.09	0.7	7	0.1	AG201
1455661	10	58	0.84	0.111	168	3	2.75	0.047	0.57	0.1	0.03	0.2	7.8	0.09	0.6	7	0.1	AG201
1455662	10	54	1	0.13	141	1	2.3	0.078	0.13	0.1	0.04	0.2	6.6	0.06	0.6	8	0.1	AG201
1455663	14	105	1.3	0.171	159	0.5	2.57	0.037	0.28	0.2	0.03	0.1	6.4	0.05	0.25	9	0.1	AG201
1455664	12	75	1.03	0.168	192	2	2.33	0.032	0.1	0.2	0.03	0.1	8.4	0.05	0.25	9	0.1	AG201
1455665	12	77	1.24	0.199	156	0.5	2.68	0.035	0.36	0.3	0.005	0.2	6.2	0.025	0.25	9	0.1	AG201
1455665	12	89	1.24	0.186	161	0.5	2.71	0.038	0.35	0.4	0.01	0.2	8.3	0.025	0.25	10	0.1	AG201
1455666	14	44	0.69	0.107	155	1	1.8	0.026	0.14	0.1	0.03	0.1	4.8	0.05	0.25	6	0.1	AG201
1455667	9	41	0.67	0.145	88	1	1.8	0.019	0.06	0.1	0.02	0.1	3.8	0.025	0.25	6	0.1	AG201
1455668	12	33	0.57	0.101	132	1	1.76	0.024	0.15	0.1	0.04	0.1	5.6	0.06	0.25	6	0.1	AG201
1455669	9	28	0.54	0.118	111	1	1.57	0.021	0.1	0.2	0.04	0.1	4.2	0.025	0.25	7	0.1	AG201
1455670	10	33	0.65	0.164	87	1	1.63	0.021	0.19	0.3	0.02	0.1	5.2	0.025	0.25	8	0.1	AG201
1455671	7	28	0.46	0.11	84	1	1.39	0.021	0.09	0.1	0.04	0.1	4.4	0.025	0.25	6	0.1	AG201
1455672	7	26	0.47	0.093	78	2	1.44	0.02	0.09	0.2	0.04	0.05	4.1	0.05	0.25	6	0.1	AG201
1455673	8	27	0.52	0.112	86	1	1.48	0.019	0.11	0.2	0.02	0.05	4.5	0.025	0.25	7	0.1	AG201
1455676	7	20	0.4	0.094	77	0.5	1.32	0.018	0.1	0.2	0.03	0.1	4.1	0.05	0.25	5	0.1	AG201
1455677	7	19	0.41	0.089	84	0.5	1.27	0.018	0.08	0.2	0.03	0.05	4.2	0.025	0.25	6	0.1	AG201
1455678	8	22	0.49	0.121	84	1	1.42	0.016	0.14	0.2	0.03	0.1	5	0.025	0.25	7	0.1	AG201
1455679	7	24	0.5	0.12	82	0.5	1.44	0.02	0.13	0.2	0.03	0.1	5.4	0.025	0.25	6	0.1	AG201
1455680	8	33	0.58	0.116	95	0.5	1.3	0.019	0.14	0.1	0.04	0.1	5.4	0.025	0.25	6	0.1	AG201
1455681	8	74	0.98	0.163	160	0.5	1.85	0.032	0.08	0.1	0.03	0.1	5.6	0.025	0.25	7	0.1	AG201
1455682	10	45	1.46	0.237	203	0.5	2.6	0.023	0.89	0.2	0.02	0.3	11.1	0.025	0.25	10	0.1	AG201
1455683	9	31	0.69	0.093	178	2	1.6	0.027	0.12	0.2	0.05	0.1	5.7	0.07	0.25	6	0.1	AG201
1455674	12	75	1.27	0.227	167	0.5	2.82	0.016	0.81	0.2	0.01	0.3	7.8	0.025	0.25	10	0.1	AG201
1455675	10	79	1.46	0.225	168	0.5	3.07	0.022	1.05	0.2	0.01	0.3	9.9	0.025	0.25	11	0.1	AG201
1455684	10	128	1.65	0.198	289	1	3.3	0.019	0.29	0.1	0.01	0.3	7.8	0.025	0.25	9	0.1	AG201
1455685	12	164	2.46	0.183	665	0.5	3.36	0.037	0.59	0.1	0.02	0.3	11.4	0.025	0.6	11	0.1	AG201
1455686	8	150	1.7	0.161	304	0.5	2.89	0.031	0.56	0.1	0.01	0.3	6.9	0.025	0.25	9	0.1	AG201
1455687	11	80	1	0.135	242	2	2.58	0.018	0.14	0.1	0.03	0.2	6.7	0.025	0.25	8	0.1	AG201
1455688	5	17	0.24	0.047	89	0.5	0.76	0.025	0.04	0.05	0.02	0.05	1.8	0.025	0.25	3	0.1	AG201

sample_id	utm_zone	utm_easting	utm_northing	elevation	sample_date	colour	texture	moisture	site_slope	depth	horizon	alt_veget	ground_cov	quality	note1
1455680	07N	536113	6944810	1139	9/19/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy
1455681	07N	536163	6944820	1128	9/19/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse
1455682	07N	536213	6944829	1120	9/19/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy
1455683	07N	536265	6944839	1108	9/19/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy
1455684	07N	536315	6944848	1096	9/19/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy
1455685	07N	536364	6944857	1086	9/19/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse
1455686	07N	536416	6944865	1078	9/19/2016	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse
1455687	07N	536468	6944874	1069	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Sandy
1455688	07N	536519	6944881	1061	9/19/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy
1455689	07N	536569	6944889	1052	9/19/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	Dwarf Birch	Leaf Cover	Good	Sandy
1455690	07N	536618	6944896	1044	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Dwarf Birch	Leaf Cover	Good	Sandy
1455691	07N	536665	6944903	1041	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy
1455692	07N	536714	6944910	1045	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Leaf Cover	Good	Sandy
1455693	07N	536762	6944917	1033	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Leaf Cover	Good	Sandy
1455694	07N	536810	6944924	1032	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	White Spruce	Leaf Cover	Good	Sandy
1455695	07N	536858	6944931	1032	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Clay
1455696	07N	536906	6944938	1028	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Leaf Cover	Good	Sandy
1455697	07N	536954	6944945	1028	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Leaf Cover	Good	Sandy
1455698	07N	537002	6944952	1032	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy
1455699	07N	537050	6944959	1033	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Leaf Cover	Good	Sandy
1455700	07N	537098	6944966	1035	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Coarse
1455701	07N	537146	6944973	1035	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Birch Forest	Leaf Cover	Good	Fine
1455702	07N	537194	6944980	1036	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Fine
1455703	07N	537242	6944987	1036	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Fine
1455704	07N	537290	6944994	1036	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Fine
1455705	07N	537338	6945001	1071	9/19/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	30	C	Birch Forest	Leaf Cover	Good	Sandy
1455706	07N	537386	6945008	1082	9/19/2016	Light Brown	Silt	Dry	Pronounced Slope	30	C	Birch Forest	Leaf Cover	Good	Sandy
1455707	07N	537434	6945015	1056	9/19/2016	Light Brown	Silt	Dry	Pronounced Slope	20	C	Willows	Reindeer Moss	Good	Sandy
1455708	07N	537482	6945022	1250	9/19/2016	Chocolate Brown	Clay	Damp	Flat	20	B	Willows	Reindeer Moss	Good	Organic 10%
1455709	07N	537530	6945029	1211	9/19/2016	Chocolate Brown	Clay	Damp	Flat	80	B	Willows	Reindeer Moss	Good	Organic 10%
1455710	07N	537578	6945036	1241	9/19/2016	Chocolate Brown	Clay	Damp	Flat	30	B	Black Spruce	Reindeer Moss	Good	Organic 10%
1455711	07N	540018	6935812	1231	9/19/2016	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Organic 10%
1455712	07N	540066	6935819	1231	9/19/2016	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Organic 25%
1455713	07N	540114	6935826	1244	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Organic 10%
1455714	07N	540162	6935833	1232	9/19/2016	Dark Brown	Clay	Damp	Subtle Slope	40	C	Willows	Sphagnum Moss < 30cm	Good	Organic 10%
1455715	07N	540210	6935840	1235	9/19/2016	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Willows	Reindeer Moss	Good	Organic 10%
1455716	07N	540258	6935847	1248	9/19/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Willows	Reindeer Moss	Excellent	
1455717	07N	540306	6935854	1254	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	Willows	Reindeer Moss	Excellent	
1455718	07N	540354	6935861	1253	9/19/2016	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	
1455719	07N	540402	6935868	1238	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Excellent	
1455720	07N	540450	6935875	1234	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	
1455721	07N	540498	6935882	1234	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Willows	Reindeer Moss	Excellent	
1455722	07N	540546	6935889	1219	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Willows	Reindeer Moss	Excellent	
1455723	07N	540594	6935896	1226	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Good	
1455724	07N	540642	6935903	1213	9/19/2016	Dark Brown	Silt	Dry	Subtle Slope	70	C	Willows	Sphagnum Moss < 30cm	Excellent	
1455725	07N	540690	6935910	1202	9/19/2016	Dark Brown	Silt	Dry	Flat	50	B	Willows	Sphagnum Moss < 30cm	Good	
1455726	07N	540738	6935917	1200	9/19/2016	Dark Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	
1455727	07N	540786	6935924	1190	9/19/2016	Dark Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	
1455728	07N	540834	6935931	1185	9/19/2016	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	
1455729	07N	540882	6935938	1181	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	
1455730	07N	540930	6935945	1193	9/19/2016	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	Willows	Thin Moss Cover	Poor	
1455731	07N	540978	6935952	1193	9/19/2016	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Willows	Sphagnum Moss < 30cm	Good	
1455732	07N	541026	6935959	1155	9/19/2016	Chocolate Brown	Clay	Wet	Subtle Slope	60	B	Black Spruce	Reindeer Moss	Good	
1455733	07N	541074	6935966	1160	9/19/2016	Chocolate Brown	Clay	Wet	Subtle Slope	60	C	Willows	Reindeer Moss	Good	
1455734	07N	541122	6935973	1157	9/19/2016	Chocolate Brown	Clay	Wet	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Wet Soil
1455735	07N	541170	6935980	1138	9/19/2016	Chocolate Brown	Clay	Wet	Subtle Slope	70	C	Dwarf Birch	Reindeer Moss	Good	Wet Soil
1455736	07N	541218	6935987	1144	9/19/2016	Chocolate Brown	Clay	Wet	Flat	40	C	Dwarf Birch	Reindeer Moss	Good	Wet Soil
1455737	07N	541266	6935994	1137	9/19/2016	Chocolate Brown	Silt	Dry	Flat	30	C	Dwarf Birch	Reindeer Moss	Good	

sample_id	no12	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	ss_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	ca_pct	p_pct
1455688		1.1	86.1	7	65	0.2	43.9	15.3	320	3.17	6.9	1	4.4	2	25	0.1	0.2	83	0.2	0.54	0.049
1455690		1.1	29.7	8	74	0.1	23.2	10.3	374	3.26	8.2	0.8	3.4	4	19	0.05	0.3	64	0.2	0.36	0.041
1455691		1.1	27.8	9	66	0.1	19.8	9.7	373	3.08	6.2	0.8	2.1	4.1	18	0.05	0.3	62	0.2	0.31	0.034
1455692		1.1	22.5	99	78	0.05	17	10.3	489	3.42	5.2	0.7	3.2	5.2	17	0.05	0.2	60	0.2	0.29	0.03
1455693		0.8	22.3	8.4	61	0.1	18.8	11.4	444	2.84	5.9	0.7	3.6	3.7	19	0.05	0.2	58	0.2	0.31	0.032
1455694		1.1	17.6	7.7	60	0.05	18.5	9.4	406	3.18	8	0.5	1.5	3.1	18	0.05	0.3	78	0.2	0.25	0.022
1455695	Bright Orange Rust	0.4	20.6	10.9	70	0.05	19.1	10.8	456	3.28	4.1	0.8	2.6	6.2	19	0.05	0.1	61	0.2	0.25	0.027
1455696		0.6	41	13.4	96	0.05	43	18.4	535	4.58	5.3	0.7	1.9	5.7	25	0.1	0.3	87	0.2	0.41	0.05
1455697	Dull Red Rust	0.8	39.2	10.8	62	0.05	29.2	12.4	410	3.51	7.7	1.2	7.6	5.4	30	0.05	0.5	76	0.3	0.42	0.039
1455698		0.7	49.5	5.7	43	0.05	29.7	13.2	339	3.24	6.3	0.9	5.7	4.5	28	0.05	0.3	73	0.2	0.35	0.028
1459001		0.6	25.2	3.7	47	0.05	77.7	22.2	410	4.91	4.3	0.8	2.8	4	25	0.05	0.2	79	0.2	0.36	0.033
1459002		0.7	54.4	16.3	95	0.05	61.5	23.4	691	5	5	1.3	6.2	8.8	55	0.05	0.3	107	0.4	0.52	0.044
1459003		1.2	33	11.8	58	0.1	26	19	354	3.2	9.1	0.8	3.5	3.9	23	0.1	0.4	70	0.3	0.26	0.027
1459004		0.4	9.1	3.7	18	0.05	6.1	3.3	81	1.13	4.8	0.2	1.8	0.4	11	0.05	0.2	25	0.05	0.15	0.033
1459005		0.7	36.8	8.9	72	0.05	40.3	17.1	368	4.26	5.1	0.7	1.9	6.7	26	0.05	0.3	80	0.3	0.38	0.014
1459006		0.4	49	9	69	0.1	35.9	14.8	408	3.96	7.5	0.8	5.3	4.3	46	0.05	0.5	73	0.2	0.97	0.046
1459007		0.9	28.3	10.3	51	0.05	28.2	14.2	444	3.28	8.1	0.7	1.6	3.1	27	0.05	0.4	77	0.2	0.5	0.018
1459008		0.5	53.1	9.6	63	0.1	33.7	16.7	719	3.26	3.5	1	1	3	128	0.3	0.3	77	0.2	1.76	0.081
1459009		0.6	40.4	4.8	48	0.05	32.4	16.5	344	3.72	4.9	0.8	2.5	3.7	28	0.05	0.2	91	0.1	0.55	0.02
1459010		0.6	67.5	9.6	47	0.05	55.7	19.4	548	3.54	5.1	0.5	1.2	2.1	221	0.2	0.2	103	0.3	0.917	0.068
1459011		0.5	40.3	6.1	65	0.05	41.9	14.1	416	2.76	5.4	0.6	2	2.1	35	0.05	0.4	66	0.1	0.76	0.091
1459012		0.7	44	5	59	0.05	121.7	29.2	321	3.73	3.7	0.3	0.7	0.9	36	0.05	0.2	87	0.05	0.82	0.237
1459013		1	20.8	7.2	44	0.05	30.2	10.5	239	2.77	6.9	0.4	2.3	1.9	26	0.05	0.3	73	0.2	0.33	0.02
1459014		1.4	23.4	3.1	37	0.05	57.7	20.9	288	4.12	3.3	0.6	1.1	2.7	25	0.05	0.2	95	0.1	0.3	0.039
1459015	Rocky Terrain	1.1	35.7	6.8	42	0.1	31.3	13.3	366	3.14	7.2	0.9	3.0	3	22	0.05	0.3	67	0.3	0.3	0.044
1459016		0.8	22.8	5.6	42	0.05	25.3	11.1	327	3.18	6.4	0.5	3	4.2	24	0.05	0.3	74	0.1	0.31	0.021
1459017		0.5	23.7	2.3	50	0.05	11.9	10.3	431	3.21	1.8	0.6	0.25	6.3	9	0.05	0.1	60	0.05	0.14	0.018
1459018	Rocky Terrain	1.1	18.8	8.5	53	0.05	20.9	11.8	342	3.45	7.6	0.5	0.6	3.9	18	0.05	0.5	68	0.2	0.2	0.02
1459019	Rocky Terrain	1.1	18.3	6.8	37	0.1	15.9	8.9	328	2.42	6	0.6	0.8	2.4	22	0.05	0.4	59	0.2	0.27	0.022
1459020	Rocky Terrain	0.9	16.7	7.1	74	0.05	21	10.7	345	3.82	5.7	0.5	4.9	3.6	12	0.05	0.2	63	0.4	0.15	0.023
1459021	Rocky Terrain	0.9	34.2	6.7	76	0.05	37.8	15.3	421	4.31	5.1	0.6	2.2	4.8	19	0.05	0.3	86	0.3	0.26	0.021
1459022	Rocky Terrain	2.1	42.8	5.6	77	0.05	129.4	26.7	420	3.84	90.1	0.9	4.9	2.3	80	0.05	0.8	105	0.3	0.91	0.136
1459023		3.3	41.6	9.2	69	0.1	60.2	14.8	326	3.05	49.1	2	6.6	2.9	41	0.1	1.2	76	0.5	0.71	0.073
1459024		1.2	16.5	8.5	48	0.1	12.4	5.8	166	2.28	21.1	0.4	3.2	0.8	15	0.1	0.5	63	0.2	0.19	0.024
1459025		2.7	31.4	10.4	60	0.1	29.6	14.1	247	3.94	15.9	0.9	2.8	2.4	21	0.2	0.8	82	0.2	0.24	0.031
1459026		3.8	40.4	9.8	63	0.1	99.5	17.9	579	3.26	8.5	1	5.3	2.8	38	0.2	0.4	72	0.5	0.76	0.062
1459027		2.9	36.3	5.9	57	0.2	46.4	12.7	429	2.74	6.8	1	2.4	1.8	33	0.3	0.3	62	0.2	0.62	0.074
1459028		2.8	51.1	8.2	73	0.1	97.1	20	390	3.99	6.2	0.7	2.9	2.2	44	0.05	0.3	81	0.3	0.86	0.112
1459029		4.2	93.8	5.3	75	0.05	145.4	28.7	384	4.29	6	0.7	2.1	2.7	45	0.05	0.3	109	0.2	0.68	0.155
1459030		1.9	49.9	7.5	89	0.05	58.8	19.9	355	3.8	7.7	0.7	3.5	4.3	32	0.05	0.4	77	0.2	0.44	0.057
1459031		2.1	34.4	9.3	56	0.1	75.6	18.8	427	3.96	29.5	0.8	1.6	2.5	29	0.05	0.4	75	0.3	0.32	0.037
1459032		1.7	43.4	6.1	81	0.05	65.6	19.4	336	3.47	10.2	0.6	3.2	3.5	35	0.05	0.3	72	0.1	0.44	0.063
1459033		1.7	41.8	7.1	60	0.05	50.9	17.5	416	3.89	9	0.9	4.7	4	30	0.05	0.4	78	0.2	0.38	0.038
1459034		1.6	62.7	8.8	62	0.1	67.5	20.9	540	4.14	38.2	0.9	1.9	6.6	46	0.05	0.7	79	0.2	0.39	0.051
1459035		2	43	6.5	62	0.1	106.1	23.8	398	3.89	7	0.5	2.3	2.2	35	0.05	0.3	81	0.2	0.55	0.107
1459036		1.5	73.4	5.4	63	0.05	149.4	28.1	274	4.02	4.4	0.4	1.1	1.4	53	0.05	0.2	86	0.1	0.91	0.175
1459037		0.6	66.1	5.2	83	0.05	299.1	48.9	467	4.73	1.8	0.2	2.4	0.9	74	0.05	0.5	100	0.2	1.26	0.297
1459038		2.4	75.1	10.4	66	0.2	136.3	28.6	407	3.89	26.1	1.5	5.5	3.6	55	0.1	0.5	83	0.3	0.97	0.113
1459039		1.4	38.3	6.1	44	0.1	63.5	16.8	735	2.17	4	0.7	1.6	1.8	67	0.05	0.2	44	0.1	1.24	0.105
1459040		1	45.4	9.9	78	0.1	95.9	23.9	333	3.6	9.5	0.9	7.8	2.5	45	0.05	0.2	79	0.3	0.85	0.067
1459041		0.7	39.1	7.5	89	0.05	45	18	310	3.96	8.4	0.9	1.6	5.4	42	0.1	0.2	75	0.2	0.57	0.062
1459042	Wet Soil	0.6	19	6.4	38	0.05	21.2	8.4	144	2.25	8.4	0.5	2.5	1.6	30	0.05	0.2	52	0.1	0.56	0.056
1459043	Wet Soil	1.4	31.4	9.7	59	0.05	32.8	13.8	191	3.25	5.4	1.1	3.1	5.2	28	0.05	0.2	68	0.2	0.46	0.037
1459044	Wet Soil	0.4	30.1	10.1	65	0.1	24	12.5	499	2.78	5.8	1	2.7	2.1	32	0.2	0.2	56	0.2	0.54	0.06
1459045		0.6	25.3	6.9	68	0.05	24.3	14.2	367	3.68	5.6	1	2.9	4.1	26	0.05	0.2	74	0.3	0.42	0.051
1459046		0.6	23.9	5.7	63	0.05	24.3	11.8	224	3.31	6.2	0.8	1.8	2.5	23	0.05	0.2	74	0.1	0.4	0.051
1459047		0.5	25	6.6	55	0.1	23.4	12.1	184	3.65	8.1	1.1	2.6	3.5	23	0.05	0.3	76	0.1	0.33	0.043
1459048		0.5	55.7	9.5	53	0.3	45.8	17.8	250	2.98	6.2	1.1	3.9	2.2	43	0.1	0.4	75	0.4	0.53	0.046
1459049		1	34.6	13.1	113	0.05	43.4	19.4	396	4.27	4.5	1.3	3.5	8.6	21	0.2	0.2	89	0.3	0.23	0.042

sample_id	la_ppm	cr_ppm	mg_pct	ll_pct	ba_ppm	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	g_spm	sc_ppm	s_pct	sa_ppm	ga_ppm	te_ppm	analysis_m
1455688	11	61	0.93	0.123	288	1	2.35	0.028	0.2	0.1	0.03	0.2	6.7	0.06	0.25	7	0.1	AQ201
1455690	13	35	0.86	0.125	170	1	2.14	0.019	0.24	0.1	0.03	0.2	6.7	0.025	0.25	8	0.1	AQ201
1455691	12	31	0.77	0.114	158	1	2.09	0.015	0.24	0.1	0.02	0.2	6.7	0.025	0.25	7	0.1	AQ201
1455692	14	27	0.86	0.122	148	0.5	2.21	0.013	0.33	0.1	0.02	0.3	7.6	0.025	0.25	8	0.1	AQ201
1455693	13	29	0.8	0.106	129	2	2.03	0.017	0.14	0.1	0.02	0.2	5.3	0.025	0.25	7	0.1	AQ201
1455694	11	28	0.7	0.122	113	1	1.93	0.013	0.15	0.1	0.01	0.1	5	0.025	0.25	9	0.1	AQ201
1455695	16	38	1.09	0.143	235	0.5	2.43	0.013	0.59	0.1	0.01	0.3	6.9	0.025	0.25	9	0.1	AQ201
1455696	14	73	1.16	0.157	252	0.5	3.24	0.016	0.39	0.1	0.01	0.2	7.6	0.025	0.25	10	0.1	AQ201
1455697	20	45	0.81	0.118	204	1	2.4	0.018	0.14	0.1	0.03	0.1	7.9	0.025	0.25	7	0.1	AQ201
1455698	14	44	0.82	0.144	342	0.5	2.23	0.02	0.19	0.1	0.02	0.1	6.1	0.025	0.25	7	0.1	AQ201
1458001	13	133	1.55	0.353	249	1	3.01	0.015	0.98	0.2	0.005	0.5	7.1	0.025	0.25	12	0.1	AQ201
1458002	25	80	1.78	0.22	425	0.5	5.69	0.037	0.58	0.2	0.02	0.3	10.3	0.025	0.25	16	0.1	AQ201
1458003	11	38	0.6	0.107	184	1	2.24	0.017	0.16	0.05	0.01	0.2	4.2	0.025	0.25	8	0.1	AQ201
1458004	4	10	0.13	0.038	39	1	0.79	0.025	0.03	0.05	0.02	0.05	1.2	0.025	0.25	3	0.1	AQ201
1458005	21	63	1.09	0.174	173	0.5	3.25	0.02	0.41	0.1	0.005	0.3	7.5	0.025	0.25	11	0.1	AQ201
1458006	15	48	0.84	0.142	177	2	2.41	0.049	0.26	0.1	0.04	0.2	6.9	0.025	0.25	7	0.1	AQ201
1458007	10	43	0.69	0.099	156	1	2.34	0.023	0.05	0.05	0.02	0.1	5	0.025	0.25	8	0.1	AQ201
1458008	13	52	0.91	0.116	134	1	2.57	0.052	0.09	0.1	0.03	0.1	6.9	0.025	0.25	8	0.1	AQ201
1458009	12	54	1.04	0.216	186	0.5	2.2	0.018	0.18	0.1	0.01	0.2	6	0.025	0.25	8	0.1	AQ201
1458010	7	89	1.44	0.069	68	0.5	1.66	0.025	0.19	0.1	0.005	0.2	7.7	0.025	0.25	6	0.1	AQ201
1458011	9	46	0.79	0.116	204	2	1.73	0.039	0.13	0.1	0.02	0.05	4.4	0.025	0.25	5	0.1	AQ201
1458012	6	141	1.62	0.271	316	0.5	2.56	0.025	0.41	0.05	0.02	0.1	2.9	0.025	0.25	9	0.1	AQ201
1458013	7	48	0.74	0.125	161	0.5	1.74	0.016	0.1	0.05	0.005	0.1	3.7	0.025	0.25	7	0.1	AQ201
1458014	7	65	1.73	0.425	183	0.5	2.75	0.01	0.87	0.1	0.005	0.4	5.3	0.025	0.25	11	0.1	AQ201
1458015	16	40	0.62	0.088	188	1	2.36	0.019	0.11	0.2	0.05	0.1	5	0.025	0.25	7	0.1	AQ201
1458016	8	35	0.7	0.107	177	0.5	2.28	0.014	0.05	0.05	0.005	0.05	5.4	0.025	0.25	7	0.1	AQ201
1458017	11	24	0.79	0.195	128	0.5	1.9	0.008	0.84	0.2	0.005	0.3	9.2	0.025	0.25	8	0.1	AQ201
1458018	7	33	0.61	0.125	142	1	2.35	0.013	0.18	0.1	0.01	0.2	5.2	0.025	0.25	8	0.1	AQ201
1458019	7	25	0.42	0.08	119	0.5	1.66	0.02	0.07	0.1	0.01	0.05	3.1	0.025	0.25	6	0.1	AQ201
1458020	7	37	0.74	0.189	131	0.5	2.29	0.013	0.47	0.3	0.02	0.3	9.5	0.025	0.25	10	0.1	AQ201
1458021	14	84	1.14	0.225	132	0.5	2.83	0.015	0.69	0.3	0.01	0.4	11.8	0.025	0.25	11	0.1	AQ201
1458025	9	175	1.92	0.167	240	2	2.88	0.042	0.55	0.4	0.03	0.8	7.5	0.025	0.25	9	0.1	AQ201
1458035	11	75	1.01	0.135	128	3	2.24	0.044	0.12	1.2	0.03	0.3	6.4	0.025	0.25	7	0.1	AQ201
1458037	5	21	0.25	0.092	71	1	1.4	0.025	0.02	0.05	0.02	0.05	2.1	0.025	0.25	6	0.1	AQ201
1458038	8	48	0.58	0.09	120	1	3.15	0.018	0.04	0.05	0.03	0.1	4.9	0.025	0.6	8	0.1	AQ201
1458039	11	93	1.24	0.121	138	2	2.24	0.027	0.31	0.3	0.02	0.6	5.3	0.025	0.25	8	0.1	AQ201
1458040	10	64	0.9	0.121	127	2	1.93	0.029	0.12	0.2	0.02	0.3	5.2	0.025	0.25	6	0.1	AQ201
1458041	11	130	1.52	0.201	203	2	2.58	0.02	0.4	0.2	0.03	0.6	5.5	0.025	0.25	9	0.1	AQ201
1458042	11	167	1.83	0.226	270	2	3.01	0.023	0.57	0.4	0.01	0.9	5.2	0.025	0.25	10	0.1	AQ201
1458043	14	72	1.27	0.182	207	2	2.91	0.023	0.39	0.2	0.02	0.4	6.1	0.025	0.25	9	0.1	AQ201
1458044	10	107	1.21	0.145	165	2	2.85	0.021	0.13	0.3	0.03	0.2	5.4	0.025	0.25	9	0.1	AQ201
1458045	13	118	1.22	0.174	187	1	2.71	0.02	0.23	0.4	0.02	0.3	5.1	0.025	0.25	8	0.1	AQ201
1458046	12	75	1.07	0.161	197	2	2.77	0.023	0.2	0.4	0.03	0.3	5.7	0.025	0.25	8	0.1	AQ201
1458047	15	87	1.5	0.201	225	2	3.44	0.039	0.4	0.2	0.03	0.5	7.2	0.025	0.25	9	0.1	AQ201
1458048	9	114	1.27	0.202	226	2	2.6	0.02	0.28	0.2	0.02	0.4	4.1	0.025	0.25	9	0.1	AQ201
1458049	7	193	1.82	0.235	296	2	2.72	0.029	0.52	0.3	0.01	0.6	3.3	0.025	0.25	10	0.1	AQ201
1458050	5	268	3.48	0.263	399	0.5	3.77	0.035	1.38	0.4	0.005	1.3	2.2	0.025	0.25	13	0.1	AQ201
1458051	15	128	1.38	0.165	237	1	2.66	0.04	0.28	0.6	0.05	0.4	6.6	0.025	0.8	8	0.1	AQ201
1458052	11	56	0.69	0.086	178	2	1.38	0.033	0.17	0.3	0.03	0.2	3.5	0.08	0.25	5	0.1	AQ201
1458053	10	110	1.44	0.173	165	2	2.44	0.038	0.25	0.6	0.02	0.3	5	0.025	0.25	8	0.1	AQ201
1458054	15	57	1.16	0.161	157	2	2.67	0.024	0.54	0.2	0.02	0.4	6.4	0.025	0.25	8	0.1	AQ201
1458055	8	31	0.52	0.098	118	1	1.8	0.027	0.08	0.1	0.02	0.05	3.7	0.025	1	5	0.1	AQ201
1458056	17	46	0.83	0.098	141	2	2.48	0.016	0.15	0.3	0.03	0.2	6.5	0.025	0.25	7	0.1	AQ201
1458057	11	38	0.6	0.089	127	1	1.78	0.023	0.17	0.2	0.03	0.2	4.5	0.025	0.25	6	0.1	AQ201
1458058	12	39	0.99	0.184	182	3	2.53	0.016	0.48	0.3	0.02	0.3	7.7	0.025	0.25	9	0.1	AQ201
1458059	9	42	0.96	0.164	161	2	2.38	0.015	0.34	0.1	0.04	0.2	8.6	0.025	0.8	9	0.1	AQ201
1458060	12	41	0.83	0.144	171	2	2.29	0.016	0.22	0.1	0.04	0.2	6.9	0.025	0.5	8	0.1	AQ201
1458061	13	74	0.97	0.101	189	2	2.86	0.028	0.07	0.1	0.05	0.1	7	0.025	0.25	7	0.1	AQ201
1458062	21	53	1.08	0.158	149	1	3.06	0.011	0.73	0.1	0.02	0.4	6.2	0.025	0.6	10	0.1	AQ201

sample_id	utm_zone	utm_easting	utm_northing	elevation	sample_date	colour	texture	moisture	site_slope	depth	horizon	site_veget	ground_cov	quality	notes
1455563	07N	541279	6935863	1126	9/16/2016	Chocolate Brown	Silt	Dry	Flat	30	C	Dwarf Birch	Reindeer Moss	Good	
1455564	07N	541325	6935878	1126	9/16/2016	Chocolate Brown	Sand	Dry	Flat	60	C	Dwarf Birch	Reindeer Moss	Excellent	
1455565	07N	541375	6935888	1117	9/16/2016	Chocolate Brown	Sand	Damp	Flat	40	C	Black Spruce	Reindeer Moss	Excellent	
1455566	07N	541426	6935900	1123	9/16/2016	Chocolate Brown	Silt	Dry	Flat	40	C	Black Spruce	Reindeer Moss	Excellent	
1455567	07N	541473	6935913	1114	9/16/2016	Chocolate Brown	Silt	Dry	Flat	50	C	Black Spruce	Reindeer Moss	Good	Wet Soil
1455568	07N	541521	6935927	1119	9/16/2016	Chocolate Brown	Clay	Wet	Flat	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen
1455569	07N	541569	6935941	1401	9/17/2016	Dark Brown	Silt	Wet	Subtle Slope	60	B	Subspline Fir	Sphagnum Moss > 30cm	Poor	
1455570	07N	544060	6938135	1433	9/17/2016	Chocolate Brown	Silt	Dry	Flat	60	C	Willows	Sphagnum Moss < 30cm	Excellent	Organic 10%
1455571	07N	544066	6938063	1432	9/17/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	Willows	Sphagnum Moss < 30cm	Good	Organic 10%
1455572	07N	544039	6938028	1483	9/17/2016	Chocolate Brown	Clay	Wet	Flat	60	C	Willows	Reindeer Moss	Good	Rocky Terrain
1455573	07N	544013	6937882	1478	9/17/2016	Chocolate Brown	Clay	Damp	Flat	40	B	Willows	Bare Soil	Good	Mud
1455574	07N	543991	6937935	1475	9/17/2016	Chocolate Brown	Clay	Damp	Flat	80	C	Willows	Bare Soil	Good	Rocky Terrain
1455575	07N	543991	6937935	1475	9/17/2016	Chocolate Brown	Clay	Damp	Flat	80	C	Willows	Bare Soil	Good	Rocky Terrain
1455576	07N	543948	6937912	1481	9/17/2016	Chocolate Brown	Silt	Dry	Sleep	50	B	No Tree Cover	Rock Cover	Poor	Talus
1455577	07N	543966	6937903	1426	9/17/2016	Chocolate Brown	Silt	Dry	Sleep	40	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Talus
1455578	07N	543882	6937860	1384	9/17/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Organic 25%
1455579	07N	543812	6937848	1385	9/17/2016	Dark Brown	Silt	Dry	Sleep	30	B	Willows	Sphagnum Moss < 30cm	Poor	Organic 25%
1455580	07N	543767	6937827	1375	9/17/2016	Chocolate Brown	Silt	Dry	Sleep	30	B	Willows	Sphagnum Moss < 30cm	Poor	Organic 10%
1455581	07N	543744	6937780	1351	9/17/2016	Dark Brown	Silt	Damp	Pronounced Slope	30	C	Subspline Fir	Sphagnum Moss < 30cm	Good	Organic 25%
1455582	07N	543706	6937736	1320	9/17/2016	Chocolate Brown	Clay	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	
1455583	07N	543677	6937696	1320	9/17/2016	Chocolate Brown	Clay	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%
1455584	07N	543659	6937648	1313	9/17/2016	Dark Brown	Silt	Dry	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%
1455585	07N	543632	6937604	1287	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%
1455586	07N	543608	6937558	1277	9/17/2016	Chocolate Brown	Clay	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%
1455587	07N	543578	6937516	1264	9/17/2016	Chocolate Brown	Clay	Damp	Flat	60	C	Dwarf Birch	Reindeer Moss	Good	
1455588	07N	543535	6937485	1248	9/17/2016	Chocolate Brown	Clay	Damp	Flat	110	C	Dwarf Birch	Reindeer Moss	Excellent	Bright Orange Rust
1455589	07N	543504	6937435	1272	9/17/2016	Chocolate Brown	Clay	Damp	Flat	60	C	Dwarf Birch	Reindeer Moss	Excellent	
1455590	07N	543463	6937414	1273	9/17/2016	Chocolate Brown	Clay	Damp	Flat	70	C	Dwarf Birch	Reindeer Moss	Excellent	
1455591	07N	543426	6937380	1278	9/17/2016	Chocolate Brown	Clay	Damp	Pronounced Slope	100	C	Dwarf Birch	Reindeer Moss	Excellent	
1455592	07N	543388	6937347	1270	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	B	Willows	Reindeer Moss	Good	Organic 10%
1455593	07N	543349	6937315	1301	9/17/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	60	B	Willows	Rock Cover	Poor	Organic 25%
1455594	07N	543309	6937284	1335	9/17/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	Dwarf Birch	Reindeer Moss	Good	Rocky Terrain
1455595	07N	543269	6937186	1358	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	No Tree Cover	Reindeer Moss	Good	Rocky Terrain
1455596	07N	543273	6937249	1351	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	No Tree Cover	Reindeer Moss	Good	Rocky Terrain
1455597	07N	543246	6937152	1350	9/17/2016	Chocolate Brown	Silt	Dry	Flat	30	C	No Tree Cover	Reindeer Moss	Good	Rocky Terrain
1455598	07N	543207	6937105	1363	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	No Tree Cover	Reindeer Moss	Excellent	Rocky Terrain
1455599	07N	543207	6937057	1348	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	No Tree Cover	Reindeer Moss	Good	Rocky Terrain
1456000	07N	543187	6937021	1369	9/17/2016	Chocolate Brown	Silt	Dry	Flat	30	C	No Tree Cover	Reindeer Moss	Good	Rocky Terrain
1456001	07N	543187	6937021	1369	9/17/2016	Chocolate Brown	Silt	Dry	Flat	30	C	No Tree Cover	Reindeer Moss	Good	Rocky Terrain
1456002	07N	543150	6936988	1371	9/17/2016	Chocolate Brown	Silt	Dry	Flat	30	C	No Tree Cover	Reindeer Moss	Good	Rocky Terrain
1456003	07N	543120	6936933	1355	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Willows	Sphagnum Moss < 30cm	Good	Rocky Terrain
1456004	07N	543082	6936898	1346	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain
1456005	07N	543045	6936864	1338	9/17/2016	Chocolate Brown	Clay	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain
1456006	07N	537782	6942281	972	9/18/2016	Chocolate Brown	Clay	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%
1456007	07N	537839	6942298	989	9/18/2016	Chocolate Brown	Clay	Damp	Subtle Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%
1456008	07N	537887	6942315	994	9/18/2016	Dark Brown	Clay	Damp	Flat	30	C	Black Spruce	Grass Cover	Excellent	
1456009	07N	537933	6942333	988	9/18/2016	Chocolate Brown	Silt	Dry	Flat	30	C	Black Spruce	Reindeer Moss	Good	Organic 10%
1456010	07N	537981	6942351	998	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Black Spruce	Reindeer Moss	Good	
1456011	07N	538027	6942368	1009	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Willows	Reindeer Moss	Good	
1456012	07N	538077	6942385	997	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	
1456013	07N	538123	6942401	987	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	
1456014	07N	538169	6942418	985	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	
1456015	07N	538215	6942436	987	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Willows	Leaf Cover	Excellent	
1456016	07N	538264	6942454	947	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	
1456017	07N	538311	6942469	957	9/18/2016	Dark Brown	Clay	Damp	Subtle Slope	80	B	Birch Forest	Sphagnum Moss < 30cm	Good	Partially Frozen
1456018	07N	538357	6942488	926	9/18/2016	Dark Brown	Clay	Damp	Subtle Slope	100	C	Alders	Sphagnum Moss < 30cm	Good	
1456019	07N	538404	6942503	975	9/18/2016	Dark Brown	Silt	Dry	Subtle Slope	80	C	Alders	Leaf Cover	Good	
1456020	07N	538451	6942521	923	9/18/2016	Dark Brown	Clay	Damp	Subtle Slope	90	B	Birch Forest	Leaf Cover	Good	
1456021	07N	538497	6942537	916	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	Alders	Leaf Cover	Good	

sample_id	note2	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	sa_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	ca_pct	p_pct
1455563		0.7	33.8	11.4	88	0.05	65.2	19.1	368	4.1	6.7	0.9	2	5.8	19	0.2	0.3	76	0.2	0.27	0.039
1455564		0.8	35.8	10.2	131	0.05	54.1	26	534	4.97	6.5	1.8	4	14	19	0.05	0.3	51	0.2	0.2	0.041
1455565		0.8	39.1	6.7	99	0.05	36.7	17.4	228	4.41	4.4	1.2	3.5	8.6	23	0.05	0.2	60	0.3	0.2	0.036
1455566		1.3	31.3	17.5	58	0.05	25.5	13.2	220	3.6	6.7	1.3	1.7	7.3	21	0.05	0.3	59	0.2	0.17	0.035
1455567		0.7	33	6.8	79	0.05	33.1	17.7	340	3.79	7.2	0.7	2.5	3.6	27	0.05	0.3	62	0.1	0.32	0.05
1455568	Mud	0.8	58.1	7.5	109	0.05	37.1	18.3	400	4.07	6.9	0.6	3.9	3	22	0.1	0.2	99	0.1	0.3	0.035
1455569	Organic 25%	0.9	58.2	8.1	91	0.05	35.3	14.7	689	2.79	6.3	0.7	2.9	1.4	42	0.4	0.5	70	0.2	0.75	0.088
1455570	Rocky Terrain	1.2	30.2	8	132	0.05	26.9	11.3	443	3.28	8	0.5	33.9	1.7	22	0.3	0.5	78	0.1	0.33	0.055
1455571	Rocky Terrain	1	57	5.5	55	0.05	27.9	11.6	417	2.31	7	0.5	3.2	0.8	28	0.2	0.4	56	0.1	0.45	0.063
1455572	Mud	0.4	47.2	7.8	64	0.05	32.5	13.9	378	3.15	7.5	0.4	6.4	2.2	39	0.05	0.4	86	0.1	0.71	0.066
1455573	Rocky Terrain	0.4	46.8	6.8	68	0.05	30.8	12.1	343	3.13	6.9	0.5	7.2	2.3	44	0.2	0.5	82	0.1	0.91	0.075
1455574		0.5	53.6	6.5	65	0.05	34.5	13.7	486	3.28	7.2	0.4	2.8	2.3	42	0.1	0.4	86	0.1	0.81	0.066
1455575		0.5	54.7	7.1	68	0.05	34.7	14.6	444	3.21	7.1	0.4	2.3	2.1	42	0.2	0.4	85	0.1	0.82	0.07
1455576	Organic 10%	1	35.8	5.2	45	0.05	18.9	10.8	668	2.02	6.9	0.4	5.9	0.3	29	0.05	0.5	50	0.1	0.44	0.063
1455577		1.1	74.1	7.9	62	0.05	40.9	15.1	467	3.33	9.1	0.5	13.8	1.7	21	0.2	0.5	87	0.1	0.27	0.035
1455578		0.6	16.7	3.8	28	0.05	6.8	6.2	378	1.18	2.8	0.3	2.1	0.1	23	0.2	0.2	27	0.05	0.32	0.059
1455579	Talus	0.8	20.9	4.3	37	0.1	9.9	6.5	459	1.48	3.9	0.4	1.9	0.2	21	0.1	0.3	33	0.05	0.32	0.06
1455580	Rocky Terrain	0.8	21.4	4.3	36	0.1	10.1	6.8	458	1.45	4.3	0.4	1.4	0.2	22	0.2	0.3	33	0.05	0.32	0.06
1455581	Rocky Terrain	1.2	29.1	7.3	72	0.05	32	13.1	422	4.26	6.7	0.9	10.3	3.3	26	0.1	0.3	91	0.3	0.44	0.042
1455582		1	41.9	6.7	70	0.1	27.5	13.5	537	3.18	11.6	1.1	11.9	2.9	36	0.05	0.3	81	0.2	0.59	0.088
1455583	Rocky Sample	0.8	35.1	5.7	50	0.05	23.6	12.2	581	2.56	7.2	0.9	6.6	2	31	0.05	0.3	65	0.1	0.52	0.059
1455584		0.8	35.5	6.7	63	0.05	28.7	13.1	382	3.36	11.4	0.9	7.4	3	25	0.1	0.3	84	0.3	0.36	0.034
1455585		0.8	34.1	6.9	59	0.05	29.3	13.1	422	3.26	9.4	0.9	4.5	3.5	25	0.05	0.3	78	0.2	0.39	0.035
1455586		0.6	44.4	8.5	54	0.1	28.4	14.6	242	3.41	13.2	1.5	4.4	5.1	31	0.2	0.5	81	0.2	0.46	0.059
1455587		0.4	37.1	16.3	81	0.1	26.5	12.1	356	3.14	14.4	1.7	4.8	4.8	35	0.1	0.4	76	0.2	0.57	0.04
1455588		0.6	42.6	16.8	67	0.1	26.2	12.1	343	2.87	6.5	1.3	2.9	4.9	31	0.3	0.4	79	0.3	0.54	0.043
1455589		0.6	44.2	7.5	61	0.1	24.7	10.7	185	2.85	15.6	1.4	4	4.3	28	0.2	0.4	77	0.2	0.45	0.063
1455590		1	34	7.8	78	0.1	27.5	13.1	421	2.99	11.8	1.2	7.6	4.1	26	0.2	0.4	81	0.2	0.42	0.045
1455591	Rocky Terrain	1.1	30.8	8.3	84	0.05	28.9	11.9	384	3.09	10.2	1.3	10.8	3.1	27	0.2	0.3	88	0.2	0.45	0.04
1455592	Rocky Terrain	1.6	33.4	7.8	49	0.1	21.5	7.8	259	2.59	6.8	1.1	0.9	0.9	18	0.3	0.4	76	0.1	0.23	0.058
1455593		1.2	33.1	6.8	78	0.05	32	12.4	389	3.18	8.8	1	4.6	3	23	0.05	0.3	78	0.1	0.36	0.041
1455594		1.1	25.9	6.1	69	0.05	29.3	12.4	312	3.33	8.5	0.7	3.3	2.6	21	0.3	0.4	82	0.2	0.31	0.041
1455595		1.7	33.8	7.8	95	0.05	26.8	16.6	802	3.13	7.1	1.6	3.1	2.8	25	0.2	0.4	75	0.2	0.39	0.074
1455597		1.3	28.8	6.6	95	0.05	34.6	13.4	455	3.87	10	0.8	2.4	3.5	20	0.2	0.4	74	0.1	0.26	0.037
1455598		0.7	34.8	6.7	58	0.05	34.6	13.5	449	3.53	6.6	1.1	6.1	4.4	26	0.05	0.4	85	0.3	0.4	0.044
1455599		1.8	41.5	8.6	70	0.05	34.7	14.5	548	3.62	10.3	1.2	1.6	3.7	19	0.1	0.8	78	0.2	0.22	0.053
1455600		1.7	35.6	8.6	74	0.05	32.3	14.5	570	3.7	11.2	1.2	2.3	3.5	19	0.2	0.8	76	0.2	0.21	0.051
1455601		0.9	156.5	6.5	50	0.05	28.7	13.4	265	3.39	4.9	0.6	3.2	2.5	17	0.05	0.3	98	0.2	0.33	0.043
1455602		0.5	431.9	3.6	48	0.05	24.8	15.1	298	3.04	4.6	0.3	8.4	1.3	15	0.05	0.2	84	0.1	0.38	0.078
1455603		0.6	108.5	4.9	46	0.05	26.9	10.4	269	2.74	4.3	0.4	2.8	1.5	27	0.05	0.2	79	0.2	0.46	0.026
1455604		0.6	86.3	5.2	51	0.05	31.9	13.2	358	2.86	5.7	0.5	3.9	2.3	29	0.05	0.3	81	0.3	0.5	0.046
1455605		0.7	79.4	5.7	51	0.05	32.1	13.7	355	3.19	6.1	0.6	1.8	2.6	28	0.05	0.3	88	0.3	0.47	0.047
1455606		0.7	55.8	10.1	111	0.1	32	15.6	468	3.85	4.9	1.1	1.9	6.9	32	0.2	0.2	63	0.5	0.42	0.04
1455607	Rocky Sample	0.6	74.9	9.8	85	0.2	37.8	18.7	324	3.89	3.6	1.7	2.5	7.6	30	0.1	0.2	62	0.4	0.31	0.045
1455608		0.4	17.7	6.3	24	0.1	8.5	3.3	102	1.17	2.8	0.5	0.8	1	22	0.05	0.2	24	0.05	0.37	0.028
1455609		0.5	30.1	48.1	94	0.05	28.9	14	424	3.18	6.4	0.8	2.4	7.7	34	0.05	0.3	60	0.2	0.36	0.02
1455610		0.6	21.6	10	43	0.05	19.2	8.8	246	2.15	5.4	0.5	1.6	4	22	0.1	0.3	45	0.2	0.19	0.029
1455611		0.8	40.2	56.3	92	0.05	35.6	17.3	353	3.75	10.8	0.9	2.6	6.1	29	0.05	0.3	65	0.7	0.27	0.03
1455612		0.8	18	7.9	45	0.05	16.4	8.4	257	2.21	10.2	0.5	1	4.3	27	0.05	0.3	47	0.1	0.27	0.029
1455613		0.6	70.2	46.2	138	0.2	54.1	16.3	509	3.5	91.9	1.3	19.5	10.6	60	0.3	0.5	95	0.6	0.79	0.035
1455614		1.3	56.4	13.5	87	0.05	51.5	23.3	477	5.01	39	1.1	18.5	8.1	46	0.05	0.2	100	0.4	0.45	0.06
1455615		0.8	40.1	10.5	51	0.05	35.1	15.9	279	3.15	34	0.6	6.1	3.8	28	0.1	0.3	65	0.2	0.36	0.053
1455616		1	64.8	12.4	77	0.1	46.3	21.7	716	4.55	21.5	1	8.4	7.3	251	0.1	0.3	102	0.3	3.62	0.074
1455617		1.1	45.2	9.3	54	0.1	33.6	16.7	878	3.12	28.4	2.3	13.8	3.8	74	0.1	0.5	64	0.2	1.48	0.061
1455618		0.6	44	7.7	58	0.05	36.1	16.1	503	3.09	17.3	1	4.8	3.4	78	0.1	0.3	69	0.2	1.45	0.062
1455619		0.6	50.5	8.7	61	0.05	45.6	15.8	486	3.11	14.8	1	3.5	4.3	71	0.2	0.3	67	0.2	1.26	0.054
1455620		0.4	50.1	8.5	64	0.05	43.3	17.9	466	3.33	8.1	0.8	3	3.2	87	0.2	0.3	74	0.1	1.86	0.057
1455621		0.7	69.1	8.4	67	0.1	71.3	27.3	607	3.97	5.7	0.8	1.6	3.6	169	0.2	0.2	90	0.2	3.68	0.065

sample id	la_ppm	er_ppm	mg_pct	u_pct	ba_ppm	b_ppm	al_pct	na_pct	l_pct	w_ppm	hg_ppm	g_ppm	sc_ppm	s_pct	sp_ppm	ga_ppm	tp_ppm	analysis_m
1455563	16	85	1.17	0.173	159	1	3.2	0.015	0.55	0.3	0.02	0.3	7.3	0.025	0.25	10	0.1	AG201
1455564	35	42	0.94	0.117	185	0.5	2.72	0.011	0.92	0.2	0.02	0.5	7.8	0.025	0.25	9	0.1	AG201
1455565	29	48	1.13	0.142	174	2	3.03	0.018	0.86	0.1	0.02	0.5	6	0.06	0.25	10	0.1	AG201
1455566	17	43	0.65	0.103	112	2	2.66	0.016	0.35	0.05	0.01	0.2	5.2	0.025	0.25	8	0.1	AG201
1455567	11	62	1.31	0.173	232	2	3.33	0.024	0.48	0.1	0.02	0.3	7	0.025	0.25	9	0.1	AG201
1455568	10	77	1.47	0.221	276	1	3.06	0.018	0.65	0.1	0.04	0.4	9.5	0.025	0.6	11	0.1	AG201
1455569	12	61	0.79	0.108	145	2	2.32	0.049	0.12	0.2	0.06	0.2	5.7	0.06	1.2	6	0.1	AG201
1455570	9	45	0.7	0.129	99	2	1.99	0.02	0.08	0.2	0.03	0.1	4.9	0.025	0.8	7	0.1	AG201
1455571	7	54	0.61	0.081	108	2	2.11	0.046	0.08	0.1	0.05	0.2	3.7	0.06	1.3	6	0.1	AG201
1455572	11	57	0.75	0.139	138	2	2.16	0.04	0.12	0.05	0.02	0.1	7.9	0.025	0.6	6	0.1	AG201
1455573	11	48	0.81	0.134	148	3	2.12	0.052	0.16	0.1	0.03	0.05	7.4	0.025	0.25	6	0.1	AG201
1455574	11	61	0.83	0.143	145	3	2.21	0.052	0.14	0.1	0.03	0.05	8.9	0.025	0.25	6	0.1	AG201
1455575	11	62	0.88	0.141	128	2	2.17	0.054	0.16	0.1	0.02	0.1	8.1	0.025	0.6	6	0.1	AG201
1455576	6	28	0.42	0.056	112	2	1.8	0.046	0.05	0.4	0.09	0.05	2.3	0.06	0.8	5	0.1	AG201
1455577	8	71	0.96	0.125	88	3	2.83	0.021	0.06	0.2	0.04	0.2	6.3	0.025	0.8	7	0.1	AG201
1455578	4	13	0.19	0.033	81	1	0.88	0.03	0.03	0.05	0.05	0.05	1	0.07	1.2	3	0.1	AG201
1455579	5	16	0.25	0.04	81	1	1.07	0.036	0.05	0.05	0.06	0.05	1.3	0.07	1	4	0.1	AG201
1455579	5	15	0.25	0.04	95	1	1.05	0.035	0.05	0.05	0.09	0.05	1.3	0.07	0.8	4	0.1	AG201
1455580	13	63	0.98	0.199	236	3	2.77	0.014	0.16	0.2	0.04	0.2	9.2	0.025	1.1	10	0.1	AG201
1455581	21	34	0.56	0.093	343	2	1.49	0.028	0.17	0.3	0.06	0.1	4.7	0.12	0.25	5	0.1	AG201
1455582	21	48	0.85	0.142	202	2	2.23	0.034	0.28	0.2	0.04	0.2	7.2	0.025	0.7	7	0.1	AG201
1455583	22	40	0.6	0.101	179	0.5	2.01	0.024	0.13	0.2	0.05	0.1	6.4	0.06	0.25	6	0.1	AG201
1455584	16	37	0.64	0.119	176	0.5	1.93	0.027	0.11	0.1	0.04	0.1	5.8	0.025	0.25	6	0.1	AG201
1455585	13	44	0.82	0.16	179	2	2.5	0.019	0.17	0.2	0.03	0.2	6.6	0.025	0.7	8	0.1	AG201
1455586	13	42	0.82	0.164	147	1	2.37	0.023	0.16	0.1	0.02	0.1	8.2	0.025	0.25	7	0.1	AG201
1455587	20	47	0.74	0.139	203	0.5	2.36	0.024	0.12	0.1	0.05	0.2	8.7	0.025	0.25	7	0.1	AG201
1455588	16	46	0.71	0.121	163	2	2.22	0.028	0.13	0.2	0.02	0.1	8.1	0.025	0.6	7	0.1	AG201
1455589	16	49	0.69	0.117	140	0.5	2.18	0.023	0.11	0.1	0.03	0.1	8.3	0.025	1	7	0.1	AG201
1455590	18	41	0.66	0.124	158	2	2.28	0.021	0.1	0.1	0.05	0.1	8	0.025	1.1	6	0.1	AG201
1455591	14	43	0.74	0.147	142	1	2.59	0.024	0.1	0.2	0.05	0.2	6.3	0.025	0.9	8	0.1	AG201
1455592	15	43	0.72	0.148	105	1	2.09	0.03	0.12	0.7	0.05	0.2	5.5	0.025	1.3	7	0.1	AG201
1455594	12	43	0.73	0.139	118	2	2.48	0.019	0.12	0.1	0.05	0.2	5.8	0.025	0.25	7	0.1	AG201
1455596	10	39	0.72	0.129	80	2	2.86	0.016	0.09	0.1	0.09	0.1	3.5	0.06	0.25	7	0.1	AG201
1455595	17	42	0.69	0.124	147	1	2.05	0.025	0.17	0.1	0.08	0.3	5.5	0.06	0.25	8	0.1	AG201
1455597	19	42	0.76	0.146	134	1	3.07	0.013	0.22	0.2	0.04	0.2	6.1	0.025	0.6	10	0.1	AG201
1455598	18	45	0.84	0.133	171	2	2.72	0.016	0.11	0.1	0.03	0.1	7.6	0.025	0.6	7	0.1	AG201
1455599	13	43	0.7	0.108	109	2	2.74	0.017	0.1	0.05	0.06	0.1	5.5	0.025	0.25	7	0.1	AG201
1456000	11	42	0.69	0.105	115	3	2.56	0.016	0.1	0.1	0.08	0.1	5.7	0.025	1.1	8	0.1	AG201
1456001	11	51	0.83	0.188	123	0.5	2.5	0.018	0.21	0.2	0.03	0.2	6.6	0.025	0.25	8	0.1	AG201
1456002	8	26	0.68	0.182	141	0.5	1.97	0.022	0.25	0.05	0.02	0.1	4.3	0.025	0.25	6	0.1	AG201
1456003	7	39	0.7	0.16	114	0.5	1.89	0.028	0.09	0.05	0.03	0.05	4.4	0.025	0.25	6	0.1	AG201
1456004	10	46	0.8	0.153	142	0.5	2.3	0.032	0.09	0.1	0.03	0.1	6	0.025	0.25	6	0.1	AG201
1456005	11	46	0.81	0.163	144	1	2.48	0.028	0.11	0.1	0.02	0.1	5.8	0.025	0.25	7	0.1	AG201
1456006	18	43	0.84	0.195	168	1	2.71	0.017	0.53	0.1	0.02	0.3	6.1	0.025	0.25	8	0.1	AG201
1456007	26	45	0.98	0.208	149	2	3.04	0.015	0.75	0.1	0.03	0.4	6.9	0.025	0.25	8	0.1	AG201
1456008	10	13	0.15	0.056	58	0.5	0.82	0.031	0.07	0.05	0.02	0.05	1.7	0.025	0.25	3	0.1	AG201
1456009	19	50	0.79	0.202	130	0.5	2.46	0.022	0.32	0.1	0.01	0.3	5.5	0.025	0.25	7	0.1	AG201
1456010	13	36	0.47	0.125	69	2	1.55	0.021	0.2	0.05	0.02	0.2	3.2	0.025	0.25	5	0.1	AG201
1456011	17	43	0.88	0.2	146	2	2.69	0.017	0.51	0.1	0.01	0.3	5.2	0.025	0.25	8	0.1	AG201
1456012	11	25	0.45	0.105	107	1	1.56	0.026	0.14	0.1	0.02	0.1	3.1	0.025	0.25	5	0.1	AG201
1456013	24	56	0.91	0.182	133	2	2.72	0.047	0.32	0.2	0.03	0.3	7.1	0.025	0.25	9	0.1	AG201
1456014	17	61	1.5	0.275	267	1	3.94	0.026	1.15	0.1	0.01	0.7	8.3	0.06	0.25	11	0.1	AG201
1456015	11	43	0.84	0.169	139	0.5	2.27	0.02	0.28	0.1	0.01	0.2	4.6	0.025	0.25	7	0.1	AG201
1456016	22	68	1.41	0.22	184	2	3.53	0.11	0.57	0.1	0.02	0.4	13.6	0.025	0.25	11	0.1	AG201
1456017	17	40	0.64	0.138	215	2	2.2	0.03	0.17	0.2	0.04	0.1	7	0.07	0.8	6	0.1	AG201
1456018	14	60	0.78	0.155	159	2	2.17	0.049	0.19	0.1	0.03	0.1	6.8	0.025	0.25	7	0.1	AG201
1456019	16	54	0.87	0.161	150	2	2.21	0.045	0.27	0.1	0.03	0.2	6.7	0.025	0.25	7	0.1	AG201
1456020	12	58	0.92	0.187	156	2	2.17	0.042	0.28	0.2	0.03	0.2	7.5	0.025	0.5	8	0.1	AG201
1456021	13	89	1.42	0.185	139	2	2.9	0.119	0.2	0.1	0.02	0.2	8.3	0.025	0.5	10	0.1	AG201

sample_id	utm_zone	utm_easting	utm_northing	elevation	sample_date	colour	texture	moisture	slope	depth	horizon	site_vegetation	ground_cov	quality	notes
1455823	07N	538587	6942570	880	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	70	B	Birch Forest	Leaf Cover	Good	
1455824	07N	538587	6942570	880	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Alders	Leaf Cover	Good	
1455825	07N	538588	6942569	870	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Alders	Leaf Cover	Good	
1455826	07N	538589	6942568	836	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Alders	Leaf Cover	Good	
1455827	07N	538777	6942640	766	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	Birch Forest	Grass Cover	Good	Organic 10%
1455828	07N	538824	6942657	778	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Good	
1455829	07N	538870	6942674	767	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Good	
1455831	07N	538818	6942680	751	9/18/2016	Dark Brown	Silt	Dry	Pronounced Slope	30	B	Alders	Leaf Cover	Good	Partially Frozen
1455832	07N	538866	6942709	718	9/18/2016	Dark Brown	Clay	Damp	Subtle Slope	70	B	Alders	Leaf Cover	Good	Organic 50%
1455833	07N	539012	6942733	699	9/18/2016	Dark Brown	Clay	Damp	Subtle Slope	80	B	Alders	Leaf Cover	Good	Possible Creek Contamination
1455834	07N	539060	6942740	715	9/18/2016	Dark Brown	Clay	Damp	Subtle Slope	50	B	Alders	Leaf Cover	Good	
1455835	07N	539105	6942756	712	9/18/2016	Chocolate Brown	Clay	Damp	Flat	80	B	Black Spruce	Sphagnum Moss > 30cm	Good	
1455836	07N	539248	6942809	755	9/18/2016	Chocolate Brown	Clay	Damp	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	
1455837	07N	539285	6942825	755	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	
1455838	07N	539285	6942825	755	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	
1455839	07N	539285	6942825	768	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	60	B	Birch Forest	Sphagnum Moss < 30cm	Good	
1455840	07N	539154	6942776	705	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	C	Birch Forest	Leaf Cover	Good	
1455841	07N	541822	6941986	1181	9/19/2016	Chocolate Brown	Silt	Dry	Flat	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	
1455842	07N	541821	6942042	1178	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	
1455843	07N	541828	6942086	1165	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	20	B	Black Spruce	Sphagnum Moss < 30cm	Good	
1455844	07N	541832	6942138	1158	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	
1455845	07N	541813	6942183	1168	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	
1455846	07N	541905	6942233	1174	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	20	B	Willows	Reindeer Moss	Good	
1455847	07N	541922	6942283	1168	9/19/2016	Dark Brown	Silt	Dry	Subtle Slope	40	B	Willows	Sphagnum Moss < 30cm	Good	Organic 10%
1455848	07N	541781	6942335	1131	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Organic 10%
1455849	07N	541774	6942376	1123	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Willows	Reindeer Moss	Good	
1455850	07N	541761	6942432	1112	9/19/2016	Chocolate Brown	Clay	Damp	Pronounced Slope	60	B	Willows	Sphagnum Moss < 30cm	Good	
1455851	07N	541781	6942432	1124	9/19/2016	Chocolate Brown	Clay	Damp	Pronounced Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Terrain
1458151	07N	541737	6942477	1100	9/19/2016	Chocolate Brown	Clay	Dry	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Organic 25%
1458152	07N	541708	6942520	1065	9/19/2016	Dark Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	
1458153	07N	541681	6942566	1075	9/19/2016	Dark Brown	Silt	Dry	Pronounced Slope	40	B	Dwarf Birch	Reindeer Moss	Good	
1458154	07N	541649	6942604	1063	9/19/2016	Dark Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Partially Frozen
1458155	07N	541624	6942648	1063	9/19/2016	Dark Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Organic 25%
1458156	07N	541695	6942690	1045	9/19/2016	Dark Grey/Black	Clay	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss > 30cm	Good	
1458157	07N	541538	6942778	1001	9/19/2016	Dark Brown	Clay	Damp	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	
1458158	07N	541504	6942816	988	9/19/2016	Dark Brown	Clay	Damp	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Organic 10%
1458159	07N	541471	6942852	969	9/19/2016	Dark Brown	Clay	Damp	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	
1458160	07N	541439	6942892	963	9/19/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	Willows	Sphagnum Moss < 30cm	Good	
1458161	07N	541411	6942933	946	9/19/2016	Dark Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	
1458162	07N	541378	6942971	943	9/19/2016	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	
1458163	07N	541378	6942971	943	9/19/2016	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	
1458164	07N	541344	6943011	947	9/19/2016	Chocolate Brown	Clay	Damp	Pronounced Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	
1458165	07N	541304	6943043	919	9/19/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	
1458166	07N	541284	6943100	920	9/19/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	Black Spruce	Reindeer Moss	Good	
1458167	07N	541253	6943133	902	9/19/2016	Dark Grey/Black	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 50%
1458168	07N	541195	6943178	886	9/19/2016	Dark Grey/Black	Silt	Wet	Pronounced Slope	80	B	Birch Forest	Sphagnum Moss > 30cm	Good	Organic 50%
1458169	07N	541152	6943178	866	9/19/2016	Dark Brown	Silt	Damp	Pronounced Slope	70	B	Birch Forest	Sphagnum Moss < 30cm	Good	Organic 10%
1458170	07N	541172	6943209	851	9/19/2016	Dark Brown	Silt	Damp	Pronounced Slope	60	B	Birch Forest	Sphagnum Moss < 30cm	Good	Organic 10%
1458171	07N	541068	6943236	811	9/19/2016	Dark Brown	Clay	Damp	Pronounced Slope	50	C	Black Spruce	Leaf Cover	Good	Organic 10%
1458172	07N	541042	6943281	816	9/19/2016	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Bare Soil	Excellent	
1458173	07N	540997	6943303	807	9/19/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Organic 25%
1458174	07N	540955	6943335	754	9/19/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%
1458175	07N	540955	6943335	768	9/19/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%
1458176	07N	541569	6942733	1037	9/19/2016	Dark Brown	Silt	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Clay
1458177	07N	539816	6935786	1194	9/19/2016	Light Brown	Clay	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	
1458178	07N	539764	6935783	1188	9/19/2016	Chocolate Brown	Clay	Dry	Subtle Slope	40	B	White Spruce	Thin Moss Cover	Good	Organic 10%
1458179	07N	539716	6935768	1183	9/19/2016	Chocolate Brown	Clay	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Sandy
1458180	07N	539665	6935761	1177	9/19/2016	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	

sample_id	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	ab_ppm	v_ppm	bi_ppm	ca_pct	p_pct
1455623	0.6	68.8	9.7	58	0.05	52	20.1	363	3.38	9.1	1.2	2.8	4	100	0.2	0.3	76	0.2	1.94	0.057
1455624	0.7	39.5	6.8	49	0.05	44.2	15.2	365	2.91	6.5	0.9	1.9	3.2	76	0.1	0.2	67	0.2	1.56	0.063
1455625	0.8	37.3	7	45	0.05	36.3	15	404	2.6	6.5	0.8	1.7	2.5	81	0.1	0.3	62	0.2	1.73	0.066
1455626	0.8	34.3	6.8	46	0.05	32.1	14.9	480	2.65	6.1	0.9	2.4	2.8	73	0.1	0.3	61	0.2	1.31	0.052
1455627	0.6	31	6	51	0.05	34.4	15.8	378	2.89	6.3	1	1.5	3.6	59	0.1	0.3	68	0.2	1.01	0.058
1455628	0.8	27.5	6.6	46	0.05	28.5	13.3	324	2.81	7.5	0.8	2	3.3	49	0.05	0.3	67	0.2	0.78	0.041
1455629	0.8	32	7	49	0.05	28.2	14.5	422	2.8	7.6	0.9	2	3	48	0.2	0.3	66	0.2	0.82	0.045
1455630	0.7	27.8	6.3	51	0.05	27.1	13	398	2.78	9.8	0.9	3.6	3.4	48	0.2	0.3	62	0.2	0.8	0.052
1455631	0.8	28.2	6	51	0.05	24.5	11.6	365	2.69	11.1	0.8	4.7	2.8	50	0.1	0.3	61	0.2	0.94	0.049
1455632	0.8	21.5	5.6	42	0.05	21.9	11.7	340	2.65	8.8	0.7	3.5	3.1	47	0.1	0.05	62	0.1	0.63	0.046
1455633	0.7	28	5.8	54	0.05	23.7	12.2	352	2.84	8.9	0.7	3.1	2.5	41	0.1	0.4	73	0.1	0.75	0.054
1455634	0.6	33.4	5.6	53	0.05	21.8	13.1	373	2.47	6.5	0.7	3.2	1.9	45	0.2	0.4	64	0.1	0.74	0.061
1455635	0.8	30.7	6.9	62	0.05	20.9	11.6	381	3.11	6.2	1.3	2.4	4.7	38	0.1	0.4	66	0.2	0.69	0.058
1455637	0.8	16.4	3.8	35	0.05	75.6	14.9	257	3.1	2.8	0.6	1.3	3.4	26	0.05	0.1	57	0.2	0.58	0.105
1455638	0.8	13.7	4.1	33	0.05	50.9	12.3	205	2.66	3.1	0.5	1	2.6	23	0.05	0.2	56	0.3	0.47	0.062
1455639	0.9	13.7	3.9	33	0.05	52.1	12.3	206	2.89	3.3	0.5	1.4	2.7	23	0.05	0.2	55	0.3	0.48	0.103
1455639	0.8	13.9	4	35	0.05	49.8	11.8	219	3	3.5	0.5	0.9	2.8	20	0.05	0.2	58	0.4	0.4	0.073
1455639	0.7	14	3.2	31	0.05	77.5	13.5	198	2.87	2.6	0.6	1.1	3	22	0.05	0.1	51	0.3	0.51	0.097
1455640	1.1	26.7	8.5	49	0.05	21.2	11	230	3.09	6.6	0.6	2.2	1.7	22	0.05	0.4	76	0.2	0.24	0.022
1455641	1.7	27.7	8.5	60	0.1	24.3	14.4	365	3.57	9.1	1.3	1.7	3.5	31	0.1	0.5	86	0.2	0.37	0.039
1455642	1.2	35.4	7.7	70	0.05	43.3	17.4	261	4.03	5.3	0.7	0.25	2.8	30	0.05	0.3	103	0.2	0.23	0.03
1455643	0.9	31.4	6.9	78	0.05	35.1	18.2	451	4.01	5.7	0.7	0.8	2.9	33	0.05	0.3	99	0.2	0.37	0.039
1455644	0.8	41.6	7.8	77	0.05	36.1	16.6	319	3.6	4.5	0.9	1.8	2.5	37	0.05	0.2	85	0.2	0.43	0.044
1455645	0.9	33	7.4	73	0.05	36.2	17.1	388	3.99	6.9	0.7	0.25	2.8	30	0.1	0.3	91	0.2	0.3	0.03
1455645	1.1	43	8.4	72	0.1	30.9	15	389	3.76	5	1.1	0.6	2.7	31	0.05	0.3	81	0.2	0.34	0.037
1455646	0.9	48.4	9.2	85	0.05	48.3	24.4	489	4.16	4.5	1	3.4	2.9	30	0.1	0.2	85	0.3	0.28	0.041
1455647	1.2	20.8	6.6	39	0.05	13.2	6.1	160	2.52	6	0.4	4.2	1.5	16	0.05	0.4	64	0.2	0.15	0.017
1455648	0.7	28.3	7.3	71	0.05	27.9	11.6	232	3.49	6	0.7	2	2.5	25	0.05	0.3	80	0.2	0.3	0.03
1455649	0.9	30.1	8	77	0.05	29.8	12.5	263	3.51	5.6	0.7	7.9	2.7	27	0.05	0.3	82	0.2	0.33	0.028
1458151	0.9	41.5	9.2	81	0.05	34.6	15.3	486	3.79	5	0.7	4.4	2.5	28	0.05	0.2	81	0.2	0.3	0.028
1458152	1	28.2	9.7	67	0.1	23.7	16.2	479	3.4	5.1	0.7	2	2.1	29	0.05	0.3	75	0.2	0.32	0.044
1458153	1	36.3	8.6	75	0.1	31.8	15.5	483	3.73	4.3	0.7	2.6	2.8	28	0.05	0.2	76	0.2	0.26	0.033
1458154	0.8	27.2	7	59	0.05	21.2	7.9	190	3.22	4.4	0.7	2.4	2.1	23	0.05	0.2	62	0.2	0.33	0.036
1458155	0.9	27.6	8.4	73	0.05	27.4	13.5	299	3.57	4.5	0.7	1.8	2.4	27	0.05	0.3	76	0.2	0.31	0.035
1458156	0.5	28.3	5.8	32	0.05	18.7	8.3	160	1.87	3.7	0.9	0.8	0.8	33	0.05	0.2	34	0.1	0.41	0.059
1458158	0.9	42.3	9	71	0.05	53.6	18	679	3.39	3.1	1.1	4.1	3.7	34	0.05	0.2	71	0.2	0.32	0.051
1458159	0.6	23.1	6.7	53	0.05	72.3	12	145	2.36	3.4	0.5	3.2	1.2	22	0.05	0.2	52	0.2	0.3	0.052
1458160	0.3	29.7	6.2	53	0.05	34.6	11.2	197	2.57	3.7	0.9	2.1	1.9	27	0.05	0.2	55	0.1	0.36	0.054
1458161	0.7	26.2	5.7	77	0.05	36.6	19.4	515	3.88	4.4	1	1.5	4.4	28	0.1	0.2	85	0.2	0.42	0.063
1458162	0.8	20.4	4.7	41	0.05	20.8	8.8	192	1.99	3.3	0.8	0.25	1.3	21	0.05	0.1	47	0.1	0.25	0.041
1458163	1.3	35.6	7.6	86	0.05	38.3	22.1	621	3.52	5.6	0.9	3.2	3.6	39	0.05	0.3	85	0.2	0.52	0.05
1458164	1.3	35.1	7.4	81	0.05	37.7	21.8	625	3.56	5.5	0.9	0.25	3.6	39	0.1	0.2	84	0.2	0.53	0.051
1458165	0.8	22.8	6.9	70	0.05	21.6	12.5	295	2.9	4.8	1	6.2	3.1	33	0.1	0.3	68	0.1	0.54	0.074
1458165	0.8	27.5	8.1	63	0.05	24.8	14.2	385	3.37	5.9	0.8	5.2	3	32	0.05	0.3	82	0.1	0.54	0.06
1458166	2	40.4	9.1	95	0.1	54.3	20.1	600	3.91	64.5	0.9	15.2	4.3	51	0.05	0.2	95	0.3	0.45	0.038
1458167	0.7	41.7	7.6	81	0.1	29.7	12.9	653	2.6	13.1	1.3	6.5	1.7	68	0.1	0.3	55	0.2	1.14	0.057
1458168	0.7	37.3	6.9	82	0.1	25.2	14.1	526	2.44	4.8	1.6	3.4	2.2	75	0.2	0.3	54	0.2	1.54	0.055
1458169	0.6	38.3	6.7	66	0.1	46.2	18.5	480	3.2	7	0.9	7.4	2.7	56	0.1	0.2	74	0.2	0.89	0.049
1458170	0.7	36.8	5.2	85	0.1	39.5	17.5	478	3.24	12.5	1.6	11.3	3.8	44	0.05	0.2	71	0.2	0.77	0.065
1458171	0.6	27.9	5.3	51	0.1	29.6	13.7	280	2.68	21.7	1.1	6.1	2.3	37	0.05	0.2	60	0.2	0.59	0.047
1458172	0.9	27.9	4.8	80	0.05	25.1	18.3	471	3.89	11	1.3	4.3	4.3	33	0.05	0.1	90	0.2	0.59	0.071
1458173	1.1	16	3.9	53	0.05	15.8	11.4	261	2.87	10.9	0.5	4.3	2.3	23	0.05	0.1	69	0.2	0.38	0.033
1458174	0.9	18.2	6.3	48	0.05	15.8	10.4	311	2.4	6.4	0.6	4.9	1.5	18	0.05	0.2	64	0.2	0.23	0.033
1458175	1	20.3	7.1	56	0.05	16.9	12.5	370	2.9	6.7	0.7	3.3	1.8	20	0.05	0.1	74	0.2	0.26	0.038
1458176	0.9	30.8	9.8	88	0.05	33.8	14.5	314	3.67	5.7	0.9	0.25	3.2	27	0.05	0.2	81	0.2	0.31	0.037
1455206	2.3	44	8.1	64	0.1	64.9	18	385	3.56	45.3	1.5	10	2.8	47	0.1	0.2	88	0.3	0.79	0.074
1455210	1.2	45.7	7.2	58	0.05	68.5	18.5	329	3.7	65.9	0.9	4.4	3	38	0.05	0.8	88	0.2	0.75	0.103
1455211	2.3	35	5.7	44	0.05	33	13.3	804	2.43	28	1.2	4.8	1.5	40	0.2	0.5	50	0.2	0.52	0.082
1455212	0.7	32.1	8.2	51	0.05	35.1	15.2	370	3.31	11.8	0.7	3.5	4	33	0.05	0.4	71	0.1	0.46	0.034
1455213	1.2	28.5	10.1	59	0.05	32.4	14.6	391	3.7	16.3	0.6	1.6	4	29	0.05	0.4	79	0.2	0.39	0.025

sample_id	la_ppm	er_ppm	mg_pct	li_pct	ba_ppm	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	cl_ppm	sc_ppm	s_pct	se_ppm	ca_ppm	te_ppm	analysis_m
1455623	15	65	0.99	0.158	164	2	2.45	0.075	0.2	0.1	0.03	0.2	7.3	0.06	0.25	6	0.1	AQ201
1455624	12	62	0.89	0.156	142	1	2.06	0.065	0.17	0.1	0.04	0.1	6	0.05	0.25	7	0.1	AQ201
1455625	11	53	0.74	0.124	133	2	1.83	0.068	0.12	0.1	0.04	0.1	5.3	0.07	0.7	6	0.1	AQ201
1455626	12	48	0.66	0.134	153	1	1.85	0.05	0.13	0.1	0.04	0.1	5.3	0.05	0.25	6	0.1	AQ201
1455627	13	49	0.76	0.16	137	0.5	1.91	0.054	0.17	0.1	0.02	0.1	5.5	0.025	0.25	6	0.1	AQ201
1455628	11	46	0.67	0.153	123	1	1.81	0.041	0.12	0.2	0.03	0.1	4.8	0.025	0.25	7	0.1	AQ201
1455629	12	45	0.68	0.144	151	1	1.98	0.04	0.1	0.2	0.03	0.1	4.7	0.025	0.25	7	0.1	AQ201
1455630	12	41	0.66	0.139	159	2	1.89	0.04	0.12	0.1	0.03	0.1	5.2	0.025	0.25	6	0.1	AQ201
1455631	11	37	0.62	0.131	145	1	1.79	0.037	0.11	0.1	0.03	0.05	5	0.025	0.25	6	0.1	AQ201
1455632	10	35	0.6	0.137	130	1	1.71	0.039	0.09	0.1	0.02	0.05	4.7	0.025	0.25	6	0.1	AQ201
1455633	11	33	0.63	0.136	153	2	1.81	0.046	0.08	0.2	0.04	0.05	4.9	0.025	0.25	5	0.1	AQ201
1455634	11	29	0.55	0.121	144	2	1.63	0.044	0.07	0.1	0.05	0.05	4.8	0.025	0.25	5	0.1	AQ201
1455635	16	31	0.74	0.167	153	1	2.03	0.038	0.24	0.2	0.03	0.1	7.9	0.025	0.25	7	0.1	AQ201
1455637	13	95	1.21	0.222	170	0.5	2.06	0.024	0.44	0.2	0.01	0.2	6.7	0.025	0.25	9	0.1	AQ201
1455638	11	69	0.95	0.177	124	0.5	1.8	0.023	0.26	0.2	0.01	0.2	5.5	0.025	0.25	7	0.1	AQ201
1455639	10	64	0.98	0.188	115	0.5	1.96	0.024	0.31	0.2	0.005	0.2	5.8	0.025	0.25	8	0.1	AQ201
1455638	11	67	0.95	0.179	124	0.5	1.8	0.023	0.26	0.2	0.005	0.2	5.8	0.025	0.25	7	0.1	AQ201
1455636	12	87	1.11	0.183	131	0.5	1.8	0.02	0.29	0.2	0.005	0.2	6.1	0.025	0.25	7	0.1	AQ201
1455640	8	36	0.61	0.164	134	2	2.08	0.028	0.21	0.05	0.03	0.2	4.7	0.06	0.7	7	0.1	AQ201
1455641	15	41	0.66	0.137	171	2	2.86	0.031	0.1	0.05	0.04	0.2	5.2	0.025	0.25	8	0.1	AQ201
1455642	10	71	1.07	0.242	173	0.5	3.09	0.034	0.47	0.2	0.02	0.3	9.1	0.11	0.25	11	0.1	AQ201
1455643	10	46	0.99	0.231	166	2	3.31	0.033	0.41	0.1	0.02	0.3	8.5	0.09	0.25	10	0.1	AQ201
1455644	11	53	0.92	0.208	170	2	2.95	0.041	0.37	0.1	0.02	0.3	7.8	0.06	0.25	8	0.1	AQ201
1455645	10	51	0.86	0.198	153	2	3.33	0.027	0.29	0.2	0.02	0.2	7.5	0.06	0.25	9	0.1	AQ201
1455646	10	52	0.79	0.208	151	2	2.81	0.03	0.4	0.1	0.05	0.2	8.1	0.08	0.25	8	0.1	AQ201
1455647	11	60	0.94	0.223	155	0.5	3.22	0.031	0.56	0.1	0.03	0.4	8.7	0.11	0.25	9	0.1	AQ201
1455648	6	27	0.32	0.109	67	1	1.55	0.027	0.09	0.05	0.02	0.1	3	0.025	0.25	6	0.1	AQ201
1455649	8	47	0.79	0.195	132	1	2.54	0.021	0.28	0.2	0.04	0.2	6.8	0.025	0.25	8	0.1	AQ201
1455650	10	53	0.86	0.217	145	1	2.87	0.023	0.33	0.2	0.03	0.3	7.3	0.025	0.25	9	0.1	AQ201
1458151	9	54	0.83	0.178	123	1	2.57	0.026	0.3	0.1	0.02	0.2	6.5	0.09	0.25	8	0.1	AQ201
1458152	9	47	0.66	0.165	127	1	2.16	0.024	0.26	0.1	0.03	0.2	6.1	0.06	0.25	7	0.1	AQ201
1458153	10	48	0.68	0.16	114	1	2.45	0.026	0.31	0.1	0.02	0.2	5.6	0.09	0.25	7	0.1	AQ201
1458154	9	41	0.57	0.155	97	0.5	2	0.022	0.25	0.1	0.04	0.2	5.7	0.06	0.25	7	0.1	AQ201
1458155	9	50	0.73	0.194	130	0.5	2.53	0.021	0.26	0.1	0.03	0.3	6.6	0.025	0.25	8	0.1	AQ201
1458156	7	26	0.29	0.068	89	0.5	1.33	0.027	0.09	0.1	0.05	0.05	3.5	0.07	0.25	4	0.1	AQ201
1458158	13	68	0.92	0.196	181	1	2.95	0.025	0.42	0.3	0.02	0.3	6.7	0.025	0.25	9	0.1	AQ201
1458159	10	93	0.97	0.17	88	0.5	1.91	0.018	0.17	0.05	0.02	0.2	3.5	0.025	0.25	8	0.1	AQ201
1458160	10	48	0.68	0.156	149	1	1.85	0.033	0.17	0.1	0.03	0.2	4.8	0.025	0.25	6	0.1	AQ201
1458161	12	53	1.13	0.319	246	1	3.13	0.038	0.44	0.2	0.02	0.3	6.2	0.025	0.25	9	0.1	AQ201
1458163	12	49	0.91	0.258	237	2	2.63	0.038	0.26	0.3	0.03	0.2	5	0.025	0.25	9	0.1	AQ201
1458163	11	50	0.92	0.257	226	2	2.64	0.039	0.25	0.3	0.03	0.2	5	0.025	0.25	9	0.1	AQ201
1458164	12	35	0.8	0.183	242	2	2.16	0.037	0.16	0.2	0.03	0.2	5.3	0.025	0.25	6	0.1	AQ201
1458165	10	39	0.96	0.215	240	2	2.41	0.035	0.2	0.2	0.02	0.2	5.4	0.025	0.25	7	0.1	AQ201
1458166	11	83	1.08	0.252	174	2	3.15	0.053	0.36	0.2	0.03	0.3	6.6	0.13	0.25	12	0.1	AQ201
1458167	11	38	0.51	0.109	175	3	2	0.04	0.1	0.2	0.05	0.2	5.1	0.07	0.9	6	0.1	AQ201
1458168	16	30	0.5	0.12	215	3	1.89	0.036	0.14	0.2	0.06	0.1	4.2	0.06	0.5	6	0.1	AQ201
1458169	10	57	0.9	0.208	164	2	2.38	0.052	0.27	0.2	0.03	0.2	6.4	0.025	0.25	8	0.1	AQ201
1458170	14	45	0.89	0.243	244	2	2.16	0.043	0.37	0.2	0.03	0.3	5.9	0.025	0.25	7	0.1	AQ201
1458171	11	39	0.67	0.176	194	1	1.83	0.04	0.16	0.2	0.03	0.2	4.5	0.025	0.25	6	0.1	AQ201
1458172	13	36	1.13	0.385	260	1	2.5	0.044	0.73	0.2	0.02	0.4	5.9	0.025	0.25	9	0.1	AQ201
1458173	8	26	0.76	0.303	164	0.5	1.81	0.039	0.49	0.2	0.01	0.3	4.3	0.025	0.25	8	0.1	AQ201
1458174	6	30	0.52	0.164	103	1	1.53	0.028	0.24	0.1	0.02	0.2	4	0.025	0.25	7	0.1	AQ201
1458175	7	34	0.63	0.193	120	1	1.86	0.027	0.27	0.2	0.02	0.2	4.8	0.025	0.25	8	0.1	AQ201
1458157	11	59	0.83	0.213	141	1	2.78	0.023	0.36	0.1	0.02	0.3	6.9	0.025	0.25	9	0.1	AQ201
1455206	13	102	1.05	0.166	202	2	2.49	0.024	0.12	0.3	0.04	0.2	7.7	0.025	0.25	8	0.1	AQ201
1455210	12	82	1.21	0.172	240	2	2.42	0.028	0.31	0.5	0.03	0.3	5.8	0.025	0.25	9	0.1	AQ201
1455211	13	35	0.56	0.083	165	1	1.64	0.032	0.11	0.3	0.03	0.2	3.9	0.025	0.25	5	0.1	AQ201
1456212	12	53	0.88	0.155	149	2	2.42	0.019	0.12	0.2	0.02	0.2	5.9	0.025	0.25	6	0.1	AQ201
1455213	11	45	0.86	0.171	143	2	2.52	0.015	0.12	0.05	0.02	0.2	5.9	0.025	0.25	8	0.1	AQ201

sample_id	note2	mo_ppm	cu_ppm	pb_ppm	zn_ppm	sg_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	ca_pct	p_pct
1455214		0.9	32.1	7	52	0.05	30.1	12.8	319	3.23	7.5	0.9	4.2	3.6	25	0.05	0.4	68	0.2	0.34	0.028
1455215		0.8	39.5	20.7	87	0.05	32.5	15.1	368	3.91	7.3	1.1	2.3	8.5	27	0.1	0.4	63	0.3	0.29	0.028
1455216		1.3	36.2	14	66	0.05	32.5	13.4	351	3.34	11	0.8	3.8	4.8	33	0.05	0.4	75	0.2	0.4	0.031
1455217		1.2	37.3	8.4	60	0.05	31.4	14.1	370	3.57	7.5	0.8	2.0	6.4	28	0.05	0.6	76	0.2	0.36	0.032
1455218		1.2	27	7.3	50	0.05	25.5	11.9	314	3.14	8.9	0.8	5.1	3.8	24	0.05	0.4	72	0.3	0.34	0.032
1455219		0.5	32.4	7.5	62	0.05	30	14.1	348	3.61	4.7	0.8	1.9	7	24	0.05	0.3	61	0.2	0.33	0.029
1455220		0.7	41.8	8	56	0.05	31	13.3	366	3.13	6.7	0.5	7.1	4	28	0.05	0.5	70	0.2	0.42	0.038
1455221		1	34.9	9.7	56	0.05	31.6	14	387	3.48	7.7	0.9	5.5	6	31	0.05	0.5	74	0.2	0.4	0.028
1455222		1.6	37.3	9.8	43	0.1	30.1	10.7	217	3.18	7.3	1	8.5	3.1	30	0.1	0.4	70	0.3	0.32	0.038
1455223		1	36.3	7.4	55	0.05	30.9	14	336	3.3	8.5	0.7	3.4	3.8	31	0.05	0.5	77	0.3	0.43	0.04
1455224		0.7	30.8	8.5	77	0.05	43.1	20.6	511	3.99	5.3	0.8	3.2	7.1	28	0.05	0.4	74	0.3	0.36	0.031
1455225		0.9	26.9	8.6	60	0.1	31.3	13.7	350	3.23	5.1	0.8	1.1	4	26	0.1	0.4	62	0.3	0.29	0.033
1455251		1	48.2	9.2	54	0.1	32.4	14.2	412	3.72	8	1	3.9	5.7	39	0.05	0.5	78	0.2	0.51	0.04
1455252		0.8	41.8	8.7	61	0.05	35.3	18	392	3.51	4.8	0.8	2.4	6.2	28	0.05	0.3	63	0.3	0.36	0.031
1455253		0.6	41	8.8	85	0.05	35.7	15.4	389	3.43	5.4	0.8	2.5	8.4	28	0.05	0.4	61	0.3	0.36	0.031
1455254		0.7	41.7	13.1	67	0.05	35.8	15.4	316	3.48	39.8	1	8.8	8.8	32	0.05	0.4	66	0.3	0.42	0.031
1455255		1.1	43.1	9.1	57	0.05	32.1	13.6	330	3.45	15.1	0.7	4	4.5	37	0.05	0.6	79	0.3	0.41	0.038
1455266		0.5	36.5	8	48	0.1	31.2	14.9	328	3.29	26	0.8	6.2	3.9	40	0.05	0.5	76	0.2	0.52	0.043
1455267		1	72.3	12.5	73	0.2	36.8	15.1	510	3.74	38.2	1	6.9	6.1	45	0.05	0.7	79	0.3	0.48	0.044
1455268		3.5	72.6	17.3	73	0.2	48.9	22	461	4.1	26.8	1	6.1	6.3	27	0.1	0.6	79	1.1	0.33	0.055
1455269		1.9	33.4	10.4	46	0.1	27.7	12.7	275	3.39	11.7	0.8	4.7	3.7	26	0.1	0.5	77	0.3	0.3	0.026
1455270		0.7	40.9	9.1	53	0.05	31.9	14.9	427	3.2	6.6	0.8	3.4	4.2	31	0.05	0.5	70	0.2	0.43	0.042
1455271		0.5	47.5	20.5	93	0.1	32	14.1	446	3.43	10	0.7	3.8	3.8	38	0.05	0.4	76	0.4	0.53	0.045
1455272		0.5	40.5	9.7	57	0.05	35.7	12	377	3.3	8.7	0.8	4.5	4.8	39	0.05	0.4	72	0.3	0.47	0.053
1455273		0.6	41.7	16.3	54	0.1	44.4	17.2	419	3.37	22.8	0.6	10.2	3.5	31	0.1	0.4	81	0.8	0.42	0.048
1455274		1.8	46.4	8	67	0.05	67.8	19.3	398	4.47	6.7	0.4	30.3	2.3	41	0.05	0.4	110	1.7	0.64	0.16
1455275		0.9	50.8	10.4	64	0.05	38.9	14.2	557	3.49	15.6	0.8	12	4.8	37	0.05	0.4	82	0.8	0.5	0.056
1455276		0.5	32	7	45	0.05	28.5	12.7	391	3.19	7.1	0.6	3.3	2.8	36	0.05	0.3	83	0.1	0.51	0.038
1455277		0.6	23.3	5.7	31	0.05	14.8	5.8	169	1.7	5.1	0.7	3.7	1.2	21	0.1	0.2	41	0.05	0.26	0.036
1455278		1	34.1	10.2	45	0.2	25.8	11.2	390	2.84	8	0.9	1.4	2	30	0.1	0.3	71	0.1	0.44	0.055
1455279	Loess	1.2	33.2	11.5	57	0.1	26.5	11.7	423	2.94	8.2	0.8	4.5	2.3	26	0.2	0.4	75	0.1	0.36	0.037
1455280		0.8	79.9	4.8	40	0.05	18.1	7.2	233	2.04	4.7	0.4	4.9	1	21	0.1	0.3	56	0.2	0.33	0.042
1455281		0.8	94.6	7.5	55	0.1	27.6	11.3	252	3.17	5	1	6.2	3.2	27	0.1	0.3	82	0.2	0.48	0.048
1455282		0.8	98.5	6.8	68	0.1	30	15.2	380	3.46	5.4	1	4.6	3.8	32	0.05	0.3	92	0.2	0.54	0.05
1455283		0.9	60.7	7.3	63	0.05	27.5	12.9	330	3.26	5.2	1	5.5	3.2	31	0.05	0.2	80	0.3	0.49	0.048
1455284		1.3	30.9	6.6	47	0.1	17.5	9.6	426	2.41	5.4	0.7	6.8	1.6	25	0.05	0.3	61	0.2	0.34	0.057
1455285		0.9	23.6	5.2	53	0.1	16.2	8.3	454	1.99	3.7	0.5	3.1	1.4	24	0.3	0.2	55	0.2	0.35	0.035
1455286		1.1	48.4	8.8	62	0.1	23.7	10.6	442	2.78	8.1	1.1	3.7	1.6	30	0.1	0.3	63	0.2	0.45	0.054
1455287		1.2	18.8	7.1	49	0.05	17.3	9.8	316	2.87	6.8	0.6	2.8	3.2	16	0.05	0.3	67	0.1	0.22	0.035
1455288		1.5	16.9	7.7	43	0.05	14.8	6.1	232	2.59	6.8	0.5	5.5	1.9	13	0.1	0.4	64	0.2	0.15	0.028
1455289		1.4	19.3	7.1	48	0.1	15.8	7.1	211	2.51	6.4	0.5	8.9	1.5	19	0.2	0.3	67	0.1	0.26	0.029
1455290		1.2	117.4	6.2	40	0.3	26.6	10.8	466	2.85	6.1	2.9	6.9	2	55	0.05	0.4	58	0.2	0.78	0.092
1455291		0.8	52.7	6.2	44	0.1	21.9	10	353	2.72	5.1	1.3	4.6	2.7	29	0.05	0.3	63	0.1	0.44	0.057
1455292		0.7	32.8	7.2	47	0.05	21.9	8.3	221	2.55	4.8	0.8	2.2	3	28	0.05	0.2	63	0.1	0.48	0.039
1455293		1.3	64.3	8	54	0.2	24.2	13.2	563	2.86	6.2	1	1.8	2.1	35	0.2	0.3	71	0.1	0.53	0.051
1455294		1	36.7	7.3	64	0.05	24	13.1	531	3.11	7.5	0.8	2.1	3.3	30	0.05	0.3	76	0.1	0.45	0.04
1455295		0.9	38.1	6.7	52	0.05	24.6	10.7	384	2.86	6.4	0.7	3.8	3.2	32	0.05	0.3	68	0.1	0.49	0.044
1455296		0.8	36.6	5.8	55	0.05	24.1	11.7	431	2.85	7.8	0.8	2.2	2.8	33	0.05	0.3	68	0.1	0.49	0.044
1455297		0.9	28.4	6.2	54	0.1	20.2	9	302	2.54	5	0.7	1.9	1.9	26	0.05	0.3	59	0.05	0.45	0.038
1455298		0.7	35.9	7.3	52	0.05	28.3	12.7	382	3.03	6.3	0.8	1.9	3.3	26	0.05	0.3	75	0.05	0.4	0.024
1455299		1.3	31.9	8.2	58	0.05	26.6	13.1	350	3.48	8	0.8	5	3.4	28	0.05	0.4	86	0.1	0.4	0.025
1455300		0.7	30.7	4.3	100	0.05	12.4	12.5	583	4.6	2.7	1.3	1.7	8.7	18	0.05	0.1	67	0.2	0.31	0.049
1455301		0.7	31.1	4.2	99	0.05	12.3	12.4	583	4.58	2.8	1.3	2.3	6.6	18	0.05	0.1	86	0.2	0.31	0.049
1455302		0.6	34.6	3.7	74	0.05	13	13	547	4.2	3.1	0.8	2.6	5	21	0.05	0.1	85	0.05	0.29	0.044
1455303		0.4	33.1	6.6	78	0.05	27.7	11.1	311	3.77	3	1.6	2.5	8.3	19	0.05	0.2	72	0.2	0.35	0.038
1455304		0.9	30.4	10.8	69	0.05	30.7	12.3	215	3.19	6.4	0.9	3.1	3.5	25	0.05	0.4	77	0.1	0.39	0.041
1455305		0.8	24.2	12.3	76	0.05	23.9	10.7	267	3.41	7.1	0.9	3.3	5.7	20	0.05	0.4	73	0.2	0.29	0.035
1455306		1.1	27.4	8	53	0.05	28.8	14.8	385	3.41	9.7	0.8	2.6	3.8	22	0.05	0.4	84	0.1	0.29	0.027
1455307		0.4	38.5	7.2	94	0.05	30.3	15.8	312	4.32	3.5	1.7	1.1	10.6	14	0.05	0.2	67	0.2	0.28	0.055

sample id	la_ppm	cr_ppm	mg_pct	u_pct	ba_ppm	b_ppm	af_pct	na_pct	k_pct	w_ppm	hg_ppm	u_ppm	sc_ppm	s_pct	so_ppm	gl_ppm	to_ppm	analysis m
1455214	11	39	0.78	0.142	125	2	2.21	0.018	0.13	0.2	0.01	0.1	4.4	0.025	0.25	7	0.1	AQ201
1455215	22	43	0.93	0.124	136	1	2.81	0.015	0.41	0.2	0.01	0.4	5.7	0.025	0.25	9	0.1	AQ201
1455216	17	42	0.8	0.128	148	0.5	2.43	0.021	0.14	0.1	0.03	0.2	6.9	0.025	0.25	7	0.1	AQ201
1455217	18	45	0.86	0.154	149	0.5	2.69	0.019	0.23	0.2	0.03	0.2	7.8	0.025	0.25	7	0.1	AQ201
1455218	12	36	0.68	0.131	122	0.5	2.29	0.02	0.15	0.1	0.02	0.2	4.7	0.025	0.25	7	0.1	AQ201
1455219	20	42	0.89	0.137	131	0.5	2.61	0.016	0.43	0.1	0.01	0.3	6.6	0.025	0.25	7	0.1	AQ201
1455220	17	46	0.79	0.146	155	3	2.34	0.015	0.11	0.1	0.02	0.2	6.3	0.025	0.25	8	0.1	AQ201
1455221	17	46	0.79	0.146	155	3	2.34	0.015	0.11	0.1	0.02	0.2	6.3	0.025	0.25	8	0.1	AQ201
1455222	13	47	0.58	0.113	143	2	2.17	0.013	0.08	0.2	0.03	0.2	4.2	0.025	0.25	7	0.1	AQ201
1455223	11	46	0.66	0.143	173	2	2.6	0.025	0.11	0.1	0.02	0.2	5.7	0.025	0.25	7	0.1	AQ201
1455224	19	49	1.02	0.178	139	2	2.67	0.018	0.46	0.1	0.01	0.4	7.1	0.025	0.25	9	0.1	AQ201
1455225	16	37	0.71	0.127	117	2	2.01	0.015	0.29	0.1	0.03	0.3	5	0.025	0.25	7	0.1	AQ201
1455231	20	53	0.77	0.137	174	3	2.66	0.019	0.09	0.1	0.03	0.1	7.6	0.025	0.25	7	0.1	AQ201
1455232	17	45	0.85	0.138	124	1	2.45	0.013	0.26	0.5	0.02	0.2	5.9	0.025	0.25	7	0.1	AQ201
1455233	18	42	0.85	0.133	134	1	2.41	0.013	0.26	0.4	0.02	0.2	5.6	0.025	0.25	8	0.1	AQ201
1455234	24	51	0.8	0.158	157	1	2.5	0.017	0.21	0.05	0.02	0.3	6.9	0.025	0.25	8	0.1	AQ201
1455235	14	42	0.65	0.128	144	2	2.3	0.019	0.06	0.1	0.02	0.1	5.6	0.025	0.25	8	0.1	AQ201
1455236	15	51	0.87	0.115	147	0.5	2.68	0.021	0.08	0.3	0.03	0.2	6.6	0.025	0.25	8	0.1	AQ201
1455237	21	47	0.96	0.118	160	0.5	2.52	0.024	0.08	0.4	0.03	0.1	7.7	0.025	0.25	8	0.1	AQ201
1455238	17	40	0.91	0.141	181	1	3.28	0.015	0.15	0.5	0.03	0.3	6.7	0.025	0.25	8	0.1	AQ201
1455239	12	45	0.63	0.131	139	2	2.6	0.013	0.09	0.05	0.03	0.2	5.8	0.025	0.25	7	0.1	AQ201
1455240	17	43	0.74	0.118	134	1	2.26	0.018	0.06	0.1	0.02	0.05	5.9	0.025	0.25	6	0.1	AQ201
1455241	14	50	0.8	0.127	168	2	2.27	0.025	0.08	0.1	0.03	0.1	8.3	0.025	0.25	6	0.1	AQ201
1455242	20	53	0.78	0.13	174	2	2.24	0.018	0.06	0.1	0.02	0.05	8.7	0.025	0.25	7	0.1	AQ201
1455243	14	57	0.98	0.128	135	1	2.6	0.02	0.08	0.1	0.02	0.2	6.3	0.025	0.25	7	0.1	AQ201
1455244	10	100	1.59	0.185	188	0.5	3.06	0.016	0.41	0.2	0.02	0.6	5.4	0.025	0.25	9	0.1	AQ201
1455245	16	46	0.88	0.135	184	2	2.61	0.027	0.09	0.1	0.03	0.2	7.4	0.025	0.25	7	0.1	AQ201
1455246	12	38	0.76	0.125	162	0.5	2.47	0.024	0.06	0.1	0.03	0.06	6.2	0.025	0.25	6	0.1	AQ201
1455247	17	28	0.52	0.08	100	0.5	1.32	0.03	0.04	0.05	0.03	0.05	3.8	0.025	0.25	4	0.1	AQ201
1455248	12	29	0.52	0.08	100	0.5	1.32	0.03	0.04	0.05	0.03	0.05	3.8	0.025	0.25	4	0.1	AQ201
1455249	17	28	0.52	0.08	100	0.5	1.32	0.03	0.04	0.05	0.03	0.05	3.8	0.025	0.25	4	0.1	AQ201
1455250	12	35	0.53	0.104	83	0.5	1.77	0.022	0.06	0.1	0.08	0.05	4.3	0.025	0.25	6	0.1	AQ201
1455251	6	25	0.44	0.093	97	2	1.36	0.032	0.07	0.05	0.03	0.05	3	0.025	0.25	6	0.1	AQ201
1455252	14	41	0.8	0.118	245	2	2.39	0.027	0.2	0.1	0.03	0.2	7.3	0.025	0.25	7	0.1	AQ201
1455253	15	47	0.88	0.168	250	2	2.36	0.036	0.32	0.1	0.03	0.2	8.8	0.025	0.25	7	0.1	AQ201
1455254	14	44	0.83	0.142	196	2	2.61	0.025	0.16	0.05	0.03	0.2	7	0.025	0.25	7	0.1	AQ201
1455255	9	30	0.47	0.091	134	2	1.73	0.026	0.08	0.1	0.03	0.2	4.3	0.025	0.25	6	0.1	AQ201
1455256	7	25	0.44	0.095	101	2	1.27	0.025	0.09	0.05	0.03	0.05	3.4	0.025	0.25	5	0.1	AQ201
1455257	14	33	0.5	0.075	183	0.5	2.42	0.024	0.1	0.05	0.03	0.05	5.1	0.025	1.1	7	0.1	AQ201
1455258	8	29	0.43	0.11	100	2	1.86	0.02	0.08	0.05	0.03	0.05	3.7	0.025	0.25	6	0.1	AQ201
1455259	6	25	0.32	0.084	68	2	1.48	0.021	0.07	0.05	0.03	0.05	2.8	0.025	0.25	6	0.1	AQ201
1455260	6	26	0.38	0.094	80	2	1.53	0.019	0.1	0.1	0.03	0.05	3.3	0.025	0.25	6	0.1	AQ201
1455261	60	41	0.39	0.057	262	3	2.8	0.02	0.07	0.1	0.11	0.05	9.3	0.11	0.5	5	0.1	AQ201
1455262	18	38	0.5	0.091	170	3	2.28	0.025	0.06	0.05	0.05	0.05	6.7	0.025	0.25	6	0.1	AQ201
1455263	11	36	0.59	0.107	148	2	2.24	0.023	0.06	0.05	0.04	0.05	5.6	0.025	0.25	6	0.1	AQ201
1455264	11	42	0.66	0.11	178	2	2.31	0.019	0.07	0.1	0.03	0.05	6.1	0.025	0.25	7	0.1	AQ201
1455265	14	41	0.63	0.116	150	2	2.12	0.024	0.07	0.1	0.03	0.05	5.9	0.025	0.25	5	0.1	AQ201
1455266	15	40	0.82	0.113	191	2	2.26	0.024	0.11	0.1	0.03	0.1	6.1	0.025	0.25	6	0.1	AQ201
1455267	10	33	0.48	0.085	141	2	2.06	0.023	0.08	0.05	0.04	0.05	4.7	0.025	0.25	6	0.1	AQ201
1455268	13	42	0.68	0.122	156	1	2.25	0.019	0.07	0.1	0.02	0.1	5.8	0.025	0.25	6	0.1	AQ201
1455269	12	45	0.73	0.12	157	2	2.61	0.017	0.08	0.05	0.02	0.1	5.6	0.025	0.25	7	0.1	AQ201
1455270	15	21	0.87	0.28	174	1	2.52	0.012	0.92	0.2	0.01	0.5	15.2	0.025	0.25	12	0.1	AQ201
1455271	14	21	0.85	0.274	161	0.5	2.64	0.012	0.92	0.2	0.01	0.4	15.2	0.025	0.25	12	0.1	AQ201
1455272	11	25	0.9	0.267	167	1	2.4	0.012	0.92	0.1	0.01	0.3	11.4	0.025	0.25	10	0.1	AQ201
1455273	29	47	1.05	0.178	206	0.5	2.91	0.011	0.76	0.2	0.03	0.3	11.4	0.025	0.25	9	0.1	AQ201
1455274	19	57	0.64	0.088	180	2	2.45	0.014	0.06	0.1	0.63	0.1	7.5	0.025	0.25	6	0.1	AQ201
1455275	20	42	0.74	0.128	161	1	2.58	0.009	0.28	0.1	0.02	0.2	5.7	0.025	0.6	8	0.1	AQ201
1455276	11	45	0.66	0.119	145	1	2.69	0.014	0.09	0.05	0.01	0.05	5.1	0.025	0.25	8	0.1	AQ201
1455277	28	61	1.06	0.193	202	0.5	3.09	0.01	0.98	0.05	0.01	0.4	7.9	0.025	0.25	9	0.1	AQ201

sample_id	utm_zone	utm_easting	utm_northing	elevation	sample_date	colour	texture	moisture	site_slope	depth	horizon	site_veget	ground_cov	quality	note1
1455287	07N	542018	6936081	1098	9/17/2016	Light Brown	Sand	Dry	Flat	40	C	Dwarf Birch	Reindeer Moss	Excellent	
1455288	07N	541967	6936016	1098	9/17/2016	Light Brown	Sand	Dry	Flat	40	C	White Spruce	Reindeer Moss	Excellent	
1455289	07N	541919	6936056	1098	9/17/2016	Chocolate Brown	Clay	Damp	Flat	50	C	White Spruce	Reindeer Moss	Good	
1455290	07N	541919	6936056	1098	9/17/2016	Chocolate Brown	Clay	Damp	Flat	50	C	White Spruce	Reindeer Moss	Good	
1455291	07N	541969	6936048	1098	9/17/2016	Light Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Excellent	
1455292	07N	541820	6936034	1099	9/17/2016	Chocolate Brown	Clay	Damp	Flat	70	C	Dwarf Birch	Reindeer Moss	Good	
1455293	07N	541788	6936028	1100	9/17/2016	Chocolate Brown	Clay	Damp	Flat	60	C	White Spruce	Thin Moss Cover	Good	
1455294	07N	541720	6936011	1102	9/17/2016	Light Brown	Sand	Dry	Flat	60	C	White Spruce	Reindeer Moss	Excellent	
1455295	07N	541870	6935997	1098	9/17/2016	Chocolate Brown	Clay	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay
1455296	07N	539696	6935986	1078	9/17/2016	Grey	Silt	Dry	Subtle Slope	40	B	White Spruce	Thin Moss Cover	Good	Organic 10%
1455297	07N	538739	6935947	1084	9/18/2016	Grey	Silt	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	
1455298	07N	539785	6935988	1081	9/18/2016	Chocolate Brown	Clay	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	
1455299	07N	539830	6935989	1093	9/18/2016	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	
1455300	07N	539878	6935990	1089	9/18/2016	Chocolate Brown	Clay	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	
1455301	07N	539826	6935991	1084	9/18/2016	Dark Brown	Clay	Dry	Subtle Slope	30	B	Willows	Thin Moss Cover	Good	Organic 10%
1455302	07N	539973	6935935	1078	9/18/2016	Chocolate Brown	Silt	Wet	Subtle Slope	60	B	White Spruce	Reindeer Moss	Good	
1455303	07N	539020	6935957	1065	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	White Spruce	Reindeer Moss	Good	Organic 10%
1455304	07N	539086	6935971	1050	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	White Spruce	Reindeer Moss	Good	Organic 10%
1455305	07N	539115	6935990	1033	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	White Spruce	Reindeer Moss	Good	Organic 10%
1455306	07N	539159	6940007	1015	9/18/2016	Grey	Silt	Damp	Subtle Slope	60	B	White Spruce	Reindeer Moss	Good	Organic 10%
1455307	07N	539209	6940022	999	9/18/2016	Dark Brown	Silt	Dry	Subtle Slope	70	B	White Spruce	Reindeer Moss	Good	
1455308	07N	539255	6940041	988	9/18/2016	Dark Brown	Silt	Damp	Subtle Slope	60	B	Willows	Reindeer Moss	Good	Organic 10%
1455309	07N	539340	6940059	971	9/18/2016	Dark Brown	Silt	Damp	Subtle Slope	60	B	Willows	Reindeer Moss	Good	Organic 10%
1455310	07N	539348	6940071	963	9/18/2016	Dark Brown	Silt	Damp	Subtle Slope	60	B	Willows	Reindeer Moss	Good	Organic 10%
1455311	07N	539398	6940085	944	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	White Spruce	Reindeer Moss	Good	Organic 10%
1455312	07N	539442	6940109	943	9/18/2016	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Alders	Sphagnum Moss < 30cm	Good	Possible Creek Contamination
1455313	07N	539488	6940120	948	9/18/2016	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Bare Soil	Good	
1455314	07N	539488	6940120	948	9/18/2016	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Bare Soil	Good	
1455315	07N	539532	6940139	957	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Bare Soil	Good	
1455316	07N	539580	6940157	969	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	
1455317	07N	539628	6940172	981	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Fine
1455318	07N	539674	6940192	995	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Fine
1455319	07N	539719	6940207	1001	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Fine
1455320	07N	539760	6940229	1008	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Fine
1455321	07N	539815	6940241	1003	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Fine
1455322	07N	539861	6940260	1005	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	90	G	White Spruce	Thin Moss Cover	Excellent	
1455323	07N	539909	6940280	999	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	
1455324	07N	539955	6940295	992	9/18/2016	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	
1455325	07N	539955	6940295	992	9/18/2016	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	
1455326	07N	540003	6940311	985	9/18/2016	Chocolate Brown	Clay	Wet	Subtle Slope	80	C	White Spruce	Bare Soil	Good	
1455327	07N	540051	6940327	971	9/18/2016	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	White Spruce	Bare Soil	Good	
1455328	07N	540100	6940342	953	9/18/2016	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	White Spruce	Bare Soil	Good	
1455329	07N	540145	6940359	947	9/18/2016	Chocolate Brown	Clay	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	
1455330	07N	540191	6940385	929	9/18/2016	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Thin Moss Cover	Good	
1455331	07N	541831	6941909	1170	9/19/2016	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	
1455332	07N	541792	6941877	1190	9/19/2016	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	
1455333	07N	541752	6941844	1159	9/19/2016	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	
1455334	07N	541714	6941812	1167	9/19/2016	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	
1455335	07N	541677	6941777	1148	9/19/2016	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	
1455336	07N	541641	6941742	1143	9/19/2016	Light Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	
1455337	07N	541641	6941742	1143	9/19/2016	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	
1455338	07N	541601	6941708	1136	9/19/2016	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	
1455339	07N	541563	6941673	1127	9/19/2016	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	
1455340	07N	541518	6941648	1118	9/19/2016	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	White Spruce	Thin Moss Cover	Good	
1455341	07N	541474	6941622	1109	9/19/2016	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	White Spruce	Thin Moss Cover	Good	Organic 10%
1455342	07N	541429	6941567	1101	9/19/2016	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	
1455343	07N	541384	6941574	1098	9/19/2016	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	
1455344	07N	541339	6941560	1082	9/19/2016	Light Brown	Clay	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	
1455345	07N	541295	6941528	1085	9/19/2016	Light Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Thin Moss Cover	Excellent	

sample_id	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	cs_pct	p_pct
1455297	0.4	48.8	9.1	77	0.05	26	12.5	273	3.46	2.8	1.5	1	9.8	16	0.05	0.1	55	0.2	0.27	0.022
1455298	0.8	98.9	5.8	107	0.05	42.2	22	411	4.75	4	1.2	0.8	5.4	15	0.05	0.2	85	0.4	0.22	0.038
1455299	0.8	31.8	7.7	92	0.05	28.7	14.4	436	3.4	7	0.7	2.6	4.1	20	0.1	0.3	80	0.2	0.3	0.022
1455300	0.7	36.2	7.7	91	0.05	33.1	15.6	451	3.53	8.5	0.7	2	4.2	21	0.05	0.4	82	0.2	0.3	0.025
1455226	0.7	25.7	6.3	80	0.05	22.6	11.5	358	3.68	3.3	1.3	0.9	8	31	0.05	0.2	58	0.1	0.27	0.025
1455227	0.5	29.4	3.4	63	0.05	37	20.7	371	4.1	3.1	0.7	0.8	4.5	20	0.05	0.1	116	0.2	0.4	0.052
1455228	1.1	26.8	3	85	0.05	53.9	14	289	4.6	8.6	1.3	0.5	2.8	25	0.05	0.3	89	0.2	0.35	0.032
1455229	0.2	24.8	8	80	0.05	36.8	20.5	486	4.51	1	1.3	0.25	6.7	17	0.05	0.5	103	0.2	0.37	0.046
1455230	0.8	58.5	6.5	81	0.05	33.2	15.9	546	3.92	4.7	0.8	1.4	3.8	20	0.06	0.2	92	0.1	0.31	0.031
1455231	1.2	26.1	7.8	79	0.05	31.9	16.8	339	4.3	7.6	0.7	2.3	3.6	19	0.05	0.4	108	0.2	0.28	0.033
1455232	1.2	41.3	13.1	66	0.3	28.4	15.8	897	3.05	41.5	2.1	5.7	4.4	82	0.2	0.4	69	0.2	0.44	0.073
1455233	1.3	49.8	13.2	65	0.2	36.9	18.2	449	3.87	34.1	2.2	6.2	7.2	53	0.1	0.4	76	0.3	0.65	0.049
1455234	2.2	59.4	13.9	92	0.05	47.6	19.5	437	4.27	120.5	1.3	4.9	6.9	63	0.05	0.5	101	0.4	0.41	0.094
1455235	1.8	69.6	15.1	120	0.05	50.5	22.8	484	4.69	83.1	1.5	6.5	7.3	75	0.2	0.4	154	0.2	0.72	0.171
1455236	4.2	68.8	13.8	158	0.2	64.7	28.2	872	5.3	28.2	3.7	4.5	7.1	100	0.5	0.4	172	0.3	1.1	0.16
1455237	2.2	37	9.1	73	0.1	30.7	15.7	621	3.51	28.3	1.4	7.7	3.8	82	0.05	0.5	86	0.2	0.88	0.087
1455238	1.5	66.1	12.8	87	0.1	66	24.9	1005	3.99	23.4	1.4	3.7	5.6	121	0.3	0.4	94	0.3	1.56	0.071
1455239	0.7	47.8	7.9	78	0.05	51.7	23	363	3.97	26.6	1	6.4	4.4	61	0.2	0.4	91	0.2	1.03	0.067
1455240	0.8	41.7	7.9	76	0.05	53.1	20.1	450	3.24	51.4	1.3	4.7	3.4	79	0.2	0.5	80	0.2	1.35	0.059
1455241	0.8	87.1	9.9	130	0.05	145	42	763	5.71	41.8	0.9	2.7	5.1	143	0.2	0.2	147	0.2	2.4	0.144
1455242	0.7	31.5	7.9	76	0.05	50.4	19	595	3.43	18.5	0.8	8.8	4	94	0.1	0.3	73	0.1	1.33	0.083
1455243	0.5	32.2	7.3	73	0.05	52.1	18.4	487	2.99	13	0.9	1.9	3.3	90	0.1	0.3	67	0.1	1.44	0.064
1455244	0.6	33	7.1	87	0.05	45.1	17	651	2.89	11.4	0.9	3.3	3	87	0.2	0.3	70	0.2	1.53	0.081
1455245	0.7	33.4	7.5	84	0.05	42.9	16.5	667	2.69	12.8	0.9	3.4	2.1	85	0.1	0.3	65	0.2	1.67	0.065
1455246	0.7	33.8	7.3	85	0.05	44.7	17	520	2.88	14.8	1	5.4	2.3	85	0.3	0.7	68	0.2	1.81	0.082
1455247	0.8	28.3	6.8	83	0.05	43.2	16	598	2.85	18.6	0.9	11.5	2.9	66	0.1	1.1	68	0.2	1.15	0.057
1455248	0.7	27.1	5.4	57	0.1	18.5	10.8	431	3.72	37.5	0.9	2.5	4.1	30	0.05	0.3	53	0.1	0.65	0.037
1455249	1	20.1	6.4	60	0.05	19.3	11.1	543	3.72	37.5	0.9	2.5	4.1	30	0.05	0.3	68	0.1	0.43	0.029
1455250	0.8	19.9	5.7	67	0.05	20	11.4	563	3.82	38.9	0.8	2.6	4	90	0.1	0.3	68	0.1	0.43	0.032
1455251	0.5	15	3.5	49	0.05	16.4	9.4	380	3.83	109.9	0.8	5.9	6	24	0.05	0.3	48	0.1	0.45	0.037
1455252	0.7	15.2	4.9	63	0.05	15.9	9.5	380	3.82	27.8	0.7	8.5	5.1	21	0.05	0.2	47	0.1	0.32	0.019
1455253	0.8	19.7	4.9	61	0.05	17.5	12.3	582	4.86	6.8	1.6	3.7	7.8	29	0.05	0.3	42	0.2	0.4	0.04
1455254	1.2	22.3	8.3	64	0.05	28.2	12.7	429	3.77	11	0.7	23.4	4.1	27	0.05	0.5	80	0.1	0.37	0.02
1455255	1.3	16.2	6.1	48	0.05	14.4	8.3	388	3.17	8.1	0.3	8.7	1.9	20	0.05	0.4	62	0.1	0.24	0.018
1455256	1.1	19.2	6.2	51	0.05	21.6	11.2	326	3.58	8.5	0.5	1	3.2	24	0.05	0.5	70	0.1	0.36	0.018
1455257	0.4	11.2	2.8	55	0.05	10.8	9.3	409	4.25	3.4	0.7	1	4.8	13	0.05	0.5	52	0.05	0.22	0.028
1455258	1.4	19.8	7	50	0.05	18.9	11.4	327	3.5	9	0.5	1.8	2.7	24	0.05	0.5	97	0.2	0.32	0.023
1455259	0.5	33.1	5.1	86	0.05	40.2	14.9	557	4.04	4.8	0.7	0.25	6.1	29	0.05	0.2	73	0.2	0.5	0.053
1455260	0.6	33.9	5.2	88	0.05	40	14.7	552	4.03	5.2	0.7	1.2	5.8	29	0.05	0.2	74	0.2	0.5	0.055
1455261	0.6	26.5	4.7	75	0.05	35.2	14.9	486	3.76	5.6	0.9	1.5	5.3	31	0.05	0.2	78	0.1	0.6	0.049
1455262	0.5	24.4	4.7	57	0.05	30.7	14.6	678	3.51	8	0.9	3.2	4.9	33	0.05	0.2	74	0.1	0.58	0.055
1455263	0.8	29.2	6.5	70	0.05	29.3	14.7	557	3.39	13.7	1	2.1	4.2	43	0.05	0.3	77	0.2	0.8	0.046
1455264	0.5	50.4	5.1	116	0.05	59.6	20.1	524	3.69	22.4	0.9	4.5	3.3	50	0.2	0.2	83	0.2	1.01	0.09
1455265	0.6	41.4	5.2	90	0.05	37	19.7	498	4.5	10.2	0.7	1.9	3.3	33	0.2	0.2	108	0.2	0.71	0.063
1455266	4	37.8	6.9	85	0.1	45.6	18.8	472	4.72	7.9	0.5	1.5	2.6	23	0.05	0.4	119	0.2	0.24	0.021
1455267	0.7	39.5	6.8	64	0.05	28.2	12.5	385	3.27	5.5	0.7	2.2	2.2	30	0.05	0.3	71	0.1	0.4	0.028
1455268	1.1	39	7.1	63	0.05	30.5	19.5	449	4.16	9.5	0.8	2.4	2.7	28	0.05	0.4	80	0.2	0.26	0.029
1455269	1	39.8	6.9	76	0.05	41.6	19.8	434	4.05	6.3	0.8	1.9	2.3	27	0.05	0.3	84	0.2	0.27	0.033
1455270	0.9	29.4	6.4	63	0.05	30.3	17	401	3.66	6.8	0.8	1.2	2.5	22	0.05	0.3	81	0.1	0.3	0.041
1455271	0.4	40.4	6	61	0.05	33.4	14.2	333	3.1	4.4	0.9	0.8	2.5	34	0.05	0.2	75	0.2	0.49	0.063
1455272	0.5	39.8	6.1	63	0.05	33.8	14.7	350	3.07	4.3	0.9	2.3	2.8	34	0.05	0.2	75	0.1	0.49	0.062
1455273	0.5	33.5	5.7	54	0.05	27.8	12.4	315	3.08	5.4	0.7	2.4	2.6	29	0.05	0.3	70	0.1	0.43	0.038
1455274	0.9	30.3	6.3	56	0.05	25.9	12.5	343	3.1	5.8	0.6	2.8	2	27	0.05	0.3	68	0.1	0.37	0.047
1455275	1	31.8	6.1	37	0.1	20.8	9.5	243	2.53	5.3	0.6	7.3	1	28	0.05	0.3	53	0.1	0.37	0.048
1455276	1.4	34.6	7.7	48	0.2	22.4	10.2	251	2.77	6.4	0.6	4.4	1.6	25	0.05	0.3	62	0.2	0.3	0.042
1455277	0.7	39.8	6.7	67	0.05	32.4	14.8	981	3.85	4.9	0.6	1.4	2.7	25	0.05	0.2	78	0.2	0.31	0.024
1455278	1	27.6	7.3	56	0.05	27.7	12.3	327	3.3	7	0.8	2.1	2.1	25	0.05	0.3	68	0.2	0.3	0.027
1455279	0.6	44.5	5.2	58	0.05	526.2	48.9	499	4.3	21.7	0.5	1.5	1.9	162	0.05	0.2	91	1.3	1.1	0.186
1455280	0.3	34.9	7.5	49	0.05	36.6	14.7	330	3.52	3.8	0.5	3.1	2.5	23	0.05	0.1	73	0.3	0.35	0.04

sample id	la_ppm	er_ppm	mg_pct	ti_pct	ba_ppm	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	cl_ppm	s_pct	se_ppm	ga_ppm	ta_ppm	analysis_m
1455297	27	54	1.2	0.145	213	0.5	2.91	0.007	1.09	0.05	0.01	0.4	7	0.025	10	0.1	AQ201
1455298	17	87	1.68	0.208	270	0.5	3.84	0.015	1.03	0.2	0.005	0.3	10.8	0.025	13	0.1	AQ201
1455299	12	47	0.99	0.184	199	1	2.80	0.016	0.25	0.05	0.01	0.2	7.7	0.025	6	0.1	AQ201
1455300	27	51	1.01	0.178	210	2	3.03	0.017	0.68	0.1	0.01	0.2	7.6	0.025	7	0.1	AQ201
1455296	27	47	1.16	0.169	153	0.5	2.8	0.016	0.22	0.1	0.005	0.4	5	0.037	7	0.1	AQ201
1455227	14	83	1.53	0.288	356	0.5	2.8	0.021	0.98	0.1	0.01	0.4	10.4	0.025	11	0.1	AQ201
1455228	11	90	1.05	0.195	171	1	2.69	0.018	0.12	0.05	0.02	0.2	5.6	0.025	9	0.1	AQ201
1455229	15	92	2.09	0.293	448	0.5	3.5	0.015	1.58	0.2	0.005	0.5	17.1	0.025	14	0.1	AQ201
1455230	11	70	1.38	0.283	223	0.5	3.04	0.013	0.77	0.2	0.01	0.5	10.1	0.025	11	0.1	AQ201
1455231	10	61	1.28	0.215	188	1	3.22	0.014	0.46	0.1	0.02	0.3	10.1	0.025	11	0.1	AQ201
1455232	19	40	0.83	0.092	164	1	2.41	0.035	0.28	0.05	0.03	0.3	6.9	0.09	8	0.1	AQ201
1455233	26	47	0.99	0.107	175	0.5	2.93	0.021	0.34	0.05	0.03	0.3	6.9	0.09	8	0.1	AQ201
1455234	19	60	1.28	0.143	193	0.5	3.33	0.024	0.49	0.2	0.03	0.3	6.9	0.09	8	0.1	AQ201
1455235	18	81	2.2	0.212	394	0.5	4.87	0.079	0.62	0.1	0.01	0.3	10.9	0.025	14	0.1	AQ201
1455236	18	81	2.44	0.21	362	1	5.08	0.099	0.82	0.1	0.02	0.4	11.7	0.06	14	0.1	AQ201
1455237	13	43	1.07	0.119	195	1	2.54	0.056	0.19	0.1	0.03	0.1	6.1	0.025	8	0.1	AQ201
1455238	16	78	1.4	0.145	139	1	3.04	0.118	0.3	0.1	0.02	0.3	8.2	0.05	12	0.1	AQ201
1455239	13	80	1.3	0.177	239	1	2.6	0.042	0.55	0.2	0.02	0.3	7.2	0.025	9	0.1	AQ201
1455240	13	74	1.09	0.141	179	2	2.34	0.046	0.27	0.2	0.04	0.2	7.1	0.07	8	0.1	AQ201
1455241	15	221	2.97	0.278	266	0.5	4.4	0.109	1.03	0.2	0.01	0.6	13.3	0.025	16	0.1	AQ201
1455242	13	78	1.16	0.145	158	2	2.33	0.081	0.34	0.2	0.03	0.2	6.7	0.06	8	0.1	AQ201
1455243	12	69	0.99	0.124	155	2	2.14	0.058	0.21	0.1	0.03	0.2	6.3	0.06	7	0.1	AQ201
1455244	12	81	0.9	0.132	157	2	2.02	0.057	0.23	0.1	0.04	0.2	5.9	0.07	7	0.1	AQ201
1455245	11	60	0.82	0.11	155	2	1.95	0.047	0.17	0.1	0.04	0.2	5.6	0.06	6	0.1	AQ201
1455246	13	60	0.81	0.113	166	0.5	2.01	0.042	0.19	0.1	0.04	0.1	5.8	0.08	7	0.1	AQ201
1455247	13	60	0.83	0.127	149	2	2.04	0.04	0.2	0.2	0.04	0.2	5.9	0.06	7	0.1	AQ201
1455248	15	30	0.88	0.165	189	0.5	2.11	0.031	0.42	0.3	0.03	0.2	8.6	0.025	9	0.1	AQ201
1455249	15	36	0.75	0.165	164	1	2.18	0.026	0.48	0.3	0.02	0.2	9.9	0.025	10	0.1	AQ201
1455250	15	38	0.77	0.168	178	0.5	2.21	0.025	0.53	0.4	0.005	0.2	10.6	0.025	10	0.1	AQ201
1455251	13	24	0.82	0.19	153	0.5	2.31	0.026	0.53	0.4	0.01	0.2	10.7	0.025	10	0.1	AQ201
1455252	14	25	0.72	0.154	152	1	2.18	0.017	0.36	0.5	0.02	0.2	9	0.025	10	0.1	AQ201
1455253	32	23	0.71	0.187	194	1	2.78	0.027	0.59	0.7	0.01	0.3	14.9	0.025	12	0.1	AQ201
1455254	13	48	0.88	0.188	178	0.5	2.47	0.017	0.52	0.1	0.02	0.3	10.4	0.025	10	0.1	AQ201
1455255	11	35	0.8	0.148	147	1	2.52	0.017	0.24	0.1	0.02	0.1	7	0.025	9	0.1	AQ201
1455256	6	25	0.46	0.138	127	0.5	1.56	0.024	0.26	0.1	0.02	0.1	5	0.025	8	0.1	AQ201
1455257	8	37	0.72	0.146	195	0.5	2.23	0.017	0.36	0.1	0.005	0.2	6.8	0.025	9	0.1	AQ201
1455258	9	15	0.88	0.24	233	0.5	2.45	0.012	0.91	0.2	0.005	0.3	12	0.025	12	0.1	AQ201
1455259	9	31	0.74	0.143	143	0.5	2.41	0.02	0.1	0.05	0.02	0.1	6.8	0.025	9	0.1	AQ201
1455260	14	49	1.26	0.211	254	0.5	2.72	0.019	0.8	0.2	0.02	0.3	10.4	0.025	11	0.1	AQ201
1455261	14	49	1.26	0.211	262	0.5	2.71	0.019	0.78	0.3	0.02	0.3	10.6	0.025	11	0.1	AQ201
1455262	15	56	1.18	0.208	239	0.5	2.67	0.024	0.62	0.3	0.02	0.2	8.9	0.025	10	0.1	AQ201
1455263	14	47	0.98	0.18	184	0.5	2.2	0.029	0.35	0.2	0.02	0.2	8.4	0.025	8	0.1	AQ201
1455264	14	45	0.9	0.198	209	1	2.29	0.033	0.2	0.3	0.02	0.2	7.7	0.025	8	0.1	AQ201
1455265	13	67	1.32	0.213	228	0.5	2.38	0.04	0.55	0.2	0.04	0.2	8.4	0.025	9	0.1	AQ201
1455266	11	52	1.56	0.24	274	0.5	2.94	0.034	0.99	0.2	0.02	0.3	12.4	0.025	11	0.1	AQ201
1455267	8	97	1.24	0.28	212	1	3.36	0.025	0.69	0.2	0.01	0.4	11	0.12	12	0.1	AQ201
1455268	10	48	0.81	0.181	138	0.5	2.28	0.035	0.34	0.1	0.02	0.2	7.5	0.025	7	0.1	AQ201
1455269	8	49	0.88	0.212	171	0.5	3.07	0.02	0.53	0.1	0.02	0.3	7.6	0.06	9	0.1	AQ201
1455270	10	45	0.85	0.227	160	2	2.91	0.024	0.25	0.1	0.02	0.2	6	0.025	8	0.1	AQ201
1455271	11	50	0.86	0.185	150	0.5	2.28	0.035	0.34	0.1	0.02	0.3	7.1	0.025	7	0.1	AQ201
1455272	11	52	0.87	0.19	149	1	2.3	0.035	0.35	0.2	0.02	0.2	7.5	0.025	7	0.1	AQ201
1458101	11	44	0.81	0.175	148	2	2.26	0.028	0.15	0.1	0.01	0.2	6.2	0.025	6	0.1	AQ201
1458102	9	40	0.7	0.153	157	1	2.36	0.021	0.14	0.1	0.02	0.2	5.6	0.025	7	0.1	AQ201
1458103	8	31	0.44	0.087	145	1	2.22	0.024	0.1	0.05	0.03	0.1	4.4	0.025	6	0.1	AQ201
1458104	7	33	0.48	0.116	142	1	2.21	0.025	0.13	0.05	0.02	0.1	4.2	0.025	6	0.1	AQ201
1458105	10	53	0.95	0.233	157	1	2.57	0.019	0.42	0.05	0.01	0.3	7.3	0.025	8	0.1	AQ201
1458106	8	42	0.74	0.159	149	2	2.48	0.016	0.22	0.05	0.03	0.2	5.4	0.025	8	0.1	AQ201
1458107	7	878	5.96	0.107	199	2	3.53	0.008	0.45	0.05	0.01	0.5	5.9	0.025	9	0.1	AQ201
1458108	8	56	1.17	0.172	200	2	2.75	0.014	0.63	0.05	0.02	0.3	9.4	0.025	8	0.1	AQ201

sample_id	utm_zone	utm_easting	utm_northing	elevation	sample_dat	colour	texture	moisture	sib_slope	depth	horizon	sib_veget	ground_cov	quality	notes
1458109	07N	541251	6941499	1078	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	
1458110	07N	541252	6941465	1074	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Reindeer Moss	Good	
1458111	07N	541170	6941436	1077	9/18/2016	Light Brown	Clay	Dry	Pronounced Slope	50	C	White Spruce	Reindeer Moss	Good	
1458112	07N	541131	6941403	1079	9/18/2016	Light Brown	Clay	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	
1458113	07N	541060	6941371	1072	9/18/2016	Light Brown	Sand	Dry	Flat	50	C	Dwarf Birch	Reindeer Moss	Good	
1458114	07N	541051	6941339	1072	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Fine
1458115	07N	541013	6941305	1073	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	
1458116	07N	540970	6941280	1077	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	
1458117	07N	540923	6941261	1082	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	
1458118	07N	540874	6941245	1089	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	100	C	White Spruce	Thin Moss Cover	Good	
1458119	07N	540827	6941228	1067	9/18/2016	Grey	Sand	Dry	Flat	50	C	White Spruce	Reindeer Moss	Excellent	
1458120	07N	540778	6941236	1085	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	
1458121	07N	540730	6941254	1064	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	
1458122	07N	540682	6941276	1083	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	
1458123	07N	540635	6941297	1084	9/18/2016	Light Brown	Clay	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	
1458124	07N	540586	6941311	1087	9/18/2016	Grey	Sand	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	
1458125	07N	540538	6941311	1087	9/18/2016	Grey	Sand	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	
1458126	07N	540490	6941334	1090	9/18/2016	Light Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Poor
1458127	07N	540442	6941364	1092	9/18/2016	Light Brown	Clay	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Fine
1458128	07N	537381	6935517	1239	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	White Spruce	Reindeer Moss	Good	Organic 10%
1458129	07N	537361	6935460	1235	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Rocky Sample
1458130	07N	537390	6935424	1221	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Subalpine Fir	Thin Moss Cover	Good	Loess
1458131	07N	537408	6935376	1211	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Rocky Sample
1458132	07N	537426	6935279	1183	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Sample
1458133	07N	537447	6935228	1187	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	80	C	Dwarf Birch	Reindeer Moss	Excellent	Fine
1458134	07N	537468	6935198	1185	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Reindeer Moss	Excellent	Rocky Rock Chip
1458135	07N	537498	6935083	1174	9/18/2016	Chocolate Brown	Silt	Dry	Flat	30	B	Subalpine Fir	Reindeer Moss	Excellent	Rusty Rock Chip
1458136	07N	537462	6935033	1178	9/18/2016	Chocolate Brown	Silt	Dry	Flat	40	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Edge
1458137	07N	537500	6934984	1168	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	60	C	Subalpine Fir	Thin Moss Cover	Good	Fine
1458138	07N	537501	6934933	1181	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Leaf Cover	Good	Rocky Sample
1458139	07N	537519	6934898	1157	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Reindeer Moss	Good	Rocky Sample
1458140	07N	537548	6934840	1156	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Rocky Sample
1458141	07N	537560	6934744	1158	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Rocky Sample
1458142	07N	537574	6934685	1158	9/18/2016	Chocolate Brown	Silt	Dry	Flat	50	B	Subalpine Fir	Thin Moss Cover	Good	Loess
1458143	07N	537596	6934649	1157	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Subalpine Fir	Reindeer Moss	Good	Loess
1458144	07N	537608	6934601	1159	9/18/2016	Chocolate Brown	Clay	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Rocky Sample
1458145	07N	537621	6934554	1182	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Organic 10%
1458146	07N	537622	6934503	1169	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Rocky Terrain
1458147	07N	537626	6934451	1173	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Subalpine Fir	Reindeer Moss	Good	Rocky Terrain
1458148	07N	537639	6934402	1181	9/18/2016	Chocolate Brown	Silt	Dry	Flat	40	C	Dwarf Birch	Reindeer Moss	Good	Rocky Sample
1458149	07N	537628	6934355	1184	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Subalpine Fir	Reindeer Moss	Good	Rocky Terrain
1458150	07N	537619	6934308	1227	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Subalpine Fir	Reindeer Moss	Good	Organic 10%
1458151	07N	537601	6934258	1200	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Dwarf Birch	Reindeer Moss	Good	Rocky Terrain
1458152	07N	537586	6934205	1202	9/18/2016	Chocolate Brown	Silt	Dry	Flat	30	B	Subalpine Fir	Reindeer Moss	Good	Loess
1458153	07N	537593	6934152	1197	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Rocky Terrain
1458154	07N	537585	6934101	1194	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	20	C	Subalpine Fir	Frost Ball	Excellent	Fine
1458155	07N	537587	6934051	1180	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Subalpine Fir	Thin Moss Cover	Good	Rocky Terrain
1458156	07N	537604	6934002	1185	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Subalpine Fir	Reindeer Moss	Good	Fine
1458157	07N	537616	6933950	1184	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Rocky Sample
1458158	07N	537644	6933807	1177	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Fine
1458159	07N	537682	6933874	1170	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Reindeer Moss	Excellent	Rocky Sample
1458160	07N	541062	6935638	1128	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Rocky Sample
1458161	07N	541112	6935497	1127	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Reindeer Moss	Good	Rocky Sample

sample_id	note2	mo_ppm	cu_ppm	pb_ppm	sn_ppm	sg_ppm	ni_ppm	co_ppm	mn_ppm	fe_pct	as_ppm	w_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	ab_ppm	v_ppm	bi_ppm	ca_pct	p_pct
1458108		1	31.2	8.9	59	0.05	31.2	13.7	338	3.72	9.9	0.7	2.2	4.2	29	0.05	0.3	66	0.2	0.24	0.021
1458110		0.8	68.9	11.1	111	0.05	39.2	16.9	320	4.44	11.7	0.6	2.2	3.3	17	0.05	0.2	89	0.3	0.18	0.024
1458111		0.7	31.6	8.8	57	0.05	27.8	13.7	242	3.48	7.4	0.7	2.1	3.1	27	0.05	0.3	72	0.2	0.34	0.034
1458112		0.4	37.3	7.4	58	0.05	33.7	14.6	318	3.44	4.2	0.7	2.7	3.4	34	0.05	0.2	73	0.2	0.42	0.037
1458113		0.6	34	6.6	51	0.05	28.4	12.2	286	3.2	6.6	0.6	3.4	2.9	32	0.05	0.3	67	0.2	0.4	0.032
1458114		1.3	34.3	7.8	55	0.05	31.8	16.1	303	3.75	8.4	0.7	2.9	3.1	22	0.2	0.5	79	0.3	0.23	0.028
1458115		1	33.3	8.8	60	0.05	31.4	14.8	308	3.54	8.5	0.6	5	3	25	0.1	0.4	75	0.3	0.29	0.029
1458116		0.9	33.4	6.9	51	0.05	36.1	15.5	318	3.49	7.5	0.5	3.4	2.6	23	0.05	0.3	72	0.2	0.31	0.03
1458117		0.6	48	6.1	98	0.05	70.3	28.5	385	5.06	3	0.4	3	3.1	37	0.05	0.1	84	0.2	1.12	0.338
1458118		0.4	41	6.7	81	0.05	44.3	20	440	4.18	5	1.1	3.5	7.7	49	0.05	0.1	69	0.2	0.45	0.034
1458119		17.3	88.7	7.6	186	0.2	34.1	3.8	472	3.78	0.25	7.1	0.9	3.5	125	0.5	0.05	32.1	0.2	0.34	0.117
1458120		1.2	30.7	8.9	49	0.05	27.4	15.1	200	4.2	7.5	0.9	2.1	3.4	21	0.05	0.4	82	0.3	0.19	0.037
1458121		0.9	35	8.5	73	0.05	38.9	18	291	4.18	10.5	0.7	3.7	3.5	25	0.05	0.4	70	0.2	0.27	0.046
1458122		1.2	28	9.2	50	0.05	27.7	12.9	229	3.47	10.4	0.8	4.1	2.7	21	0.05	0.5	71	0.1	0.22	0.041
1458123		1.8	27	9.4	53	0.1	20.4	11	272	3.73	11.8	0.7	1.6	3.3	22	0.1	0.5	90	0.2	0.24	0.036
1458124		0.3	19.5	3.3	56	0.05	127.8	25.2	341	4.59	1.7	0.7	1.8	3.3	23	0.05	0.1	88	0.05	0.53	0.116
1458125		0.8	24.1	5.6	52	0.05	97.2	20	310	4.12	6.5	0.9	0.7	3.6	25	0.05	0.3	85	0.1	0.45	0.094
1458126		0.8	22.9	5.6	50	0.05	84.9	20.3	307	4.11	6	0.8	2.1	3.8	25	0.05	0.3	83	0.1	0.44	0.094
1458127		1.2	21	6.8	46	0.05	21.3	10.2	370	3.55	9.4	0.4	1.4	2.5	23	0.05	0.4	79	0.1	0.3	0.037
1458128		0.7	26	5.4	45	0.05	26.4	12.4	274	3.19	6.9	0.7	1.9	3.5	28	0.05	0.3	70	0.1	0.35	0.035
1458129	Rocky Terrain	1.9	26.9	13.1	59	0.2	18.5	9.3	362	4.02	17.9	0.6	3	2.2	21	0.3	0.7	100	0.3	0.2	0.031
1458130	Rocky Terrain	1	26.9	15.7	56	0.05	27	11.5	453	3.28	12.7	0.9	2.9	3.7	34	0.2	0.5	76	0.2	0.49	0.053
1458131	Rocky Terrain	1.6	17.3	7.4	39	0.1	13.3	6	245	2.19	5.9	0.4	0.9	1.1	12	0.2	0.4	57	0.1	0.12	0.025
1458132	Organic 10%	1.5	48.8	13.4	65	0.1	35.9	14.2	631	3.26	9.4	1.1	3.5	2.7	42	0.3	0.4	75	0.3	0.69	0.068
1458133	Organic 10%	1.2	38.3	13.2	57	0.05	33.1	13	497	3.28	8.1	1	11.4	2.7	40	0.1	0.3	84	0.2	0.61	0.071
1458134	Rusty Rock Chip	0.9	41.4	18.6	68	0.05	35.2	11.6	372	3.28	8.5	0.7	4	4.3	48	0.05	0.5	81	0.2	0.73	0.069
1458135	City	0.9	36.6	11.6	61	0.05	33.8	15.5	525	3.43	9.3	0.9	4.6	3	47	0.1	0.4	85	0.2	0.7	0.069
1458136	Rocky Sample	1	36	13.2	70	0.1	34.1	13.5	513	3.81	11	0.7	5.8	3.1	42	0.1	0.5	82	0.2	0.6	0.054
1458137	Rocky Sample	0.8	36.1	16.9	70	0.05	34.8	11.7	410	3.38	60.6	0.7	1.9	4	37	0.1	0.6	76	0.2	0.55	0.046
1458138	Loess	0.3	4.3	3.7	60	0.2	35.7	16	359	3.54	12	0.8	1.4	5	25	0.2	0.5	76	0.2	0.27	0.026
1458139	Rocky Sample	0.8	32.3	12	60	0.1	35	15.4	368	3.54	11.4	0.7	1.8	5.1	24	0.2	0.6	76	0.2	0.27	0.025
1458140	Rocky Sample	0.8	31.8	11.7	58	0.1	35	15.4	368	3.54	11.4	0.7	1.8	5.1	24	0.2	0.6	76	0.2	0.27	0.025
1458141	Rocky Sample	0.8	38.8	12.5	57	0.05	35.5	14.4	406	3.35	8.2	0.8	3.4	3.7	36	0.1	0.4	84	0.1	0.6	0.053
1458142	Rusty Rock Chip	1	38.8	14	59	0.1	32.4	14.6	450	3.48	9.3	1	4.6	3.7	37	0.1	0.5	87	0.2	0.45	0.04
1458143	Fine	0.8	40.8	15.2	61	0.1	33.8	13.7	452	3.43	8.2	0.8	5.1	3.9	46	0.1	0.5	82	0.2	0.53	0.048
1458144	Dual Red Rust	1.5	52.1	19.4	60	0.1	44.6	13.9	368	3.4	14.5	1	3.3	4.5	30	0.1	0.9	82	0.3	0.32	0.058
1458145	Dual Red Rust	2	25.2	12.3	65	0.1	24.7	14.5	433	3.46	12.3	0.8	4.9	2.7	24	0.2	0.7	82	0.2	0.21	0.038
1458146	Rocky Terrain	0.8	35.9	14.2	59	0.05	31.4	12.6	438	3.28	9.8	0.9	3.6	4.9	42	0.05	0.6	77	0.2	0.52	0.046
1458147	Rocky Terrain	1.1	52.2	45	79	0.1	50.4	20.6	580	4.39	46	1.5	1.8	12.8	30	0.7	2.9	63	0.3	0.22	0.029
1458148	Rocky Sample	0.6	48.4	23.5	68	0.1	45.9	20.8	608	3.97	15.8	0.9	10.1	5	30	0.2	0.4	95	0.6	0.4	0.024
1458149	Rocky Terrain	1.2	19.2	16.7	36	0.05	14.3	6.4	174	2.54	11.6	0.7	5.8	4.5	14	0.05	0.5	57	0.3	0.14	0.041
1458150	Fine	0.7	33	10	53	0.05	33.8	14.8	418	3.21	10.2	0.6	1.8	3.2	35	0.1	0.4	85	0.1	0.52	0.052
1458151	Rocky Terrain	1.7	32.5	24.1	65	0.2	34.3	16.1	324	3.94	26.3	0.9	3.2	5.4	21	0.3	0.7	89	0.3	0.23	0.027
1458152	Rocky Terrain	0.9	21.5	20.3	44	0.1	26.6	10.5	244	2.96	7.3	0.8	2	6.9	17	0.05	0.4	58	0.3	0.2	0.012
1458153	Rocky Sample	0.8	28	13.4	55	0.05	27.2	11.8	431	2.89	9.1	0.7	4.1	5.4	29	0.1	0.5	69	0.2	0.41	0.028
1458154	Rocky Terrain	2.5	26.5	22.2	47	0.2	22.8	9.4	318	4.22	13.2	0.8	6.3	3.2	31	0.3	0.3	90	0.3	0.33	0.04
1458155	Rocky Terrain	1.9	24.4	17.2	55	0.2	22.6	10.4	398	3.89	19.8	0.5	1.5	2.2	24	0.5	0.8	98	0.3	0.28	0.028
1458156	Organic 10%	1.6	32	13.8	33	0.3	15.1	6.5	152	2.63	14.5	1	4.7	2.3	28	0.2	0.5	66	0.2	0.2	0.028
1458157	Rocky Terrain	0.8	10.9	9.7	26	0.2	8.8	4.4	144	2.11	16.1	7	0.3	1.2	14	0.2	0.3	39	0.1	0.15	0.054
1458158	Loess	1.1	15.7	8.1	30	0.05	10.5	4.9	144	2.11	7.5	0.4	2	1.1	14	0.1	0.4	56	0.1	0.14	0.018
1458159	Rocky Terrain	1.9	43.1	11.9	70	0.2	36.2	16.4	427	4.22	14.9	1.4	7.9	4.6	30	0.05	0.9	91	0.3	0.29	0.042
1458160	Fine	1.5	29	12.9	85	0.3	32.9	16.5	439	3.91	20.8	0.7	2.5	2.7	32	0.4	0.7	93	0.2	0.36	0.041
1458161	Rocky Sample	1.9	45	18.6	74	0.4	38.3	18.5	599	4.09	148.4	1	10.5	4.3	84	0.2	2.7	123	1.5	1.22	0.353
1458162	Fine	3.2	175.4	10.9	159	0.05	55.8	39.8	986	6.73	22	0.4	21.3	4.4	84	0.2	2.7	123	1.5	1.22	0.353
1458163	Rocky Terrain	1.8	42.3	11.4	81	0.1	56.7	22	597	4.42	117.7	0.5	3.8	2.6	33	0.2	1.2	97	0.6	0.43	0.081
1458164	Rusty Rock Chip	0.9	64.3	10.3	90	0.05	77.9	44.3	960	5.7	206.9	0.6	12.8	2.4	33	0.2	4.3	108	0.8	0.67	0.162
1458165	Fine	0.7	50	10.9	92	0.05	34.9	17	275	4.78	14.9	1.1	3.1	6.3	27	0.05	0.2	77	0.3	0.17	0.034
1458166	Fine	1.5	34.8	9.6	72	0.05	33.7	16.4	274	4.02	8.4	0.8	0.9	4.9	25	0.1	0.4	73	0.2	0.18	0.031

sample_id	la_ppm	cr_ppm	mg_pct	u_pct	ba_ppm	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	u_ppm	sc_ppm	s_pct	se_ppm	ga_ppm	ta_ppm	analysis_m
1458109	11	44	0.88	0.173	178	2	3.14	0.012	0.43	0.1	0.02	0.3	5.8	0.025	0.25	9	0.1	AQ201
1458110	10	56	1.24	0.229	208	2	3.57	0.012	0.7	0.05	0.03	0.4	9.3	0.025	0.25	11	0.1	AQ201
1458111	12	41	0.73	0.163	188	3	2.86	0.018	0.2	0.1	0.03	0.2	8.9	0.025	0.25	8	0.1	AQ201
1458112	13	49	0.98	0.216	194	2	2.6	0.023	0.53	0.1	0.02	0.3	8.4	0.025	0.25	8	0.1	AQ201
1458113	12	43	0.82	0.151	161	3	2.44	0.021	0.13	0.05	0.02	0.2	6.6	0.025	0.6	7	0.1	AQ201
1458114	9	44	0.81	0.151	160	2	2.9	0.017	0.21	0.1	0.03	0.2	6	0.025	0.25	8	0.1	AQ201
1458115	8	44	0.79	0.162	168	3	2.86	0.02	0.16	0.05	0.03	0.2	6.2	0.025	1	8	0.1	AQ201
1458116	8	45	0.83	0.168	158	1	2.69	0.023	0.23	0.1	0.01	0.2	5.8	0.025	0.25	7	0.1	AQ201
1458117	13	87	1.75	0.231	260	0.5	3.52	0.022	0.93	0.2	0.005	0.5	6.6	0.025	0.25	14	0.1	AQ201
1458118	15	56	1.11	0.228	172	1	3	0.023	0.89	0.1	0.02	0.4	8.9	0.025	0.25	10	0.1	AQ201
1458119	15	114	2.46	0.24	339	0.5	4.21	0.038	1.64	0.4	0.005	0.8	18	0.5	2.5	13	0.1	AQ201
1458120	13	41	0.83	0.208	151	2	2.73	0.012	0.6	0.1	0.02	0.4	6.8	0.025	0.6	10	0.1	AQ201
1458121	10	41	0.84	0.164	188	3	3.42	0.017	0.29	0.05	0.02	0.2	7.1	0.025	0.25	9	0.1	AQ201
1458122	11	39	0.59	0.125	131	2	2.57	0.02	0.18	0.05	0.02	0.2	5.2	0.025	0.6	8	0.1	AQ201
1458123	11	44	0.82	0.125	169	2	2.5	0.016	0.11	0.05	0.02	0.2	6.4	0.025	0.25	9	0.1	AQ201
1458124	13	186	1.99	0.364	320	0.5	2.77	0.011	1.37	0.05	0.02	0.3	7.2	0.025	0.25	10	0.1	AQ201
1458125	14	127	1.37	0.265	268	2	2.89	0.014	0.72	0.05	0.02	0.3	7.2	0.025	0.25	10	0.1	AQ201
1458125	14	125	1.35	0.253	261	2	2.64	0.014	0.72	0.05	0.02	0.3	6.9	0.025	0.25	10	0.1	AQ201
1458126	7	34	0.61	0.142	121	1	2.26	0.018	0.08	0.1	0.02	0.05	5.2	0.025	0.25	8	0.1	AQ201
1458127	9	34	0.61	0.142	121	1	2.26	0.018	0.08	0.1	0.02	0.05	5.2	0.025	0.25	8	0.1	AQ201
1458128	14	40	0.77	0.153	168	2	2.35	0.021	0.14	0.05	0.02	0.1	6.4	0.025	0.25	7	0.1	AQ201
1458129	10	36	0.49	0.108	143	2	2.3	0.018	0.06	0.05	0.02	0.2	4.1	0.025	0.25	11	0.1	AQ201
1458130	14	46	0.8	0.126	178	2	2.42	0.025	0.06	0.1	0.03	0.1	5.6	0.025	0.25	7	0.1	AQ201
1458131	16	50	0.77	0.144	145	1	2.09	0.037	0.07	0.1	0.04	0.05	7.3	0.025	0.25	6	0.1	AQ201
1458132	15	46	0.8	0.126	200	1	2.51	0.025	0.07	0.2	0.03	0.05	7	0.025	0.25	7	0.1	AQ201
1458133	12	45	0.86	0.133	178	3	2.88	0.022	0.06	0.1	0.02	0.1	5.8	0.025	0.25	7	0.1	AQ201
1458134	14	46	0.89	0.13	178	2	2.37	0.028	0.1	0.05	0.01	0.05	6.3	0.025	0.25	7	0.1	AQ201
1458135	3	6	0.08	0.037	24	0.5	0.39	0.032	0.03	0.05	0.02	0.05	0.8	0.025	0.25	2	0.1	AQ201
1458136	13	40	0.7	0.115	177	1	2.88	0.019	0.09	0.05	0.02	0.1	5	0.025	0.25	8	0.1	AQ201
1458137	13	39	0.7	0.114	171	2	2.87	0.019	0.09	0.05	0.03	0.1	4.6	0.025	0.25	8	0.1	AQ201
1458138	21	42	0.74	0.141	145	3	2.49	0.028	0.06	0.05	0.03	0.1	6.7	0.025	0.25	7	0.1	AQ201
1458139	18	44	0.82	0.136	164	2	2.54	0.027	0.08	0.05	0.03	0.1	6.7	0.025	0.25	7	0.1	AQ201
1458140	19	47	0.86	0.133	208	2	2.85	0.025	0.08	0.1	0.04	0.05	6.7	0.025	0.25	7	0.1	AQ201
1458141	16	44	0.68	0.083	137	1	2.52	0.022	0.08	0.05	0.03	0.1	5.8	0.025	0.25	7	0.1	AQ201
1458142	11	38	0.44	0.101	133	2	2.52	0.021	0.06	0.05	0.03	0.1	4.7	0.025	0.25	9	0.1	AQ201
1458143	18	41	0.82	0.14	155	2	2.12	0.029	0.08	0.1	0.03	0.1	6.8	0.025	0.25	6	0.1	AQ201
1458144	28	65	1.03	0.076	203	1	3.13	0.014	0.35	0.05	0.01	0.2	5.5	0.025	0.25	7	0.1	AQ201
1458145	13	51	1.04	0.155	183	2	3.37	0.026	0.12	0.05	0.03	0.1	8.3	0.025	0.25	7	0.1	AQ201
1458146	15	22	0.31	0.06	57	1	1.14	0.018	0.06	0.05	0.03	0.05	2.4	0.025	0.25	7	0.1	AQ201
1458147	13	41	0.75	0.137	160	3	2.52	0.033	0.08	0.1	0.02	0.1	5.4	0.025	0.25	6	0.1	AQ201
1458148	13	45	0.86	0.119	145	2	3.23	0.016	0.08	0.05	0.03	0.2	6.3	0.025	0.25	9	0.1	AQ201
1458149	22	32	0.5	0.078	118	0.5	2.09	0.015	0.13	0.05	0.03	0.1	3.5	0.025	0.25	6	0.1	AQ201
1458150	18	37	0.65	0.124	140	2	2.01	0.024	0.1	0.1	0.02	0.1	5.1	0.025	0.25	5	0.1	AQ201
1458151	13	43	0.53	0.108	133	2	2.3	0.017	0.07	0.05	0.04	0.2	4.6	0.025	0.25	9	0.1	AQ201
1458152	10	38	0.59	0.116	112	2	1.97	0.016	0.09	0.1	0.03	0.1	4	0.025	0.25	10	0.1	AQ201
1458153	13	30	0.23	0.068	149	1	2.18	0.01	0.05	0.05	0.04	0.2	4	0.025	0.25	8	0.1	AQ201
1458154	5	12	0.17	0.068	46	0.5	0.81	0.03	0.03	0.05	0.02	0.05	1.4	0.025	0.25	5	0.1	AQ201
1458155	6	19	0.25	0.086	60	0.5	1.13	0.024	0.04	0.05	0.02	0.05	2.1	0.025	0.25	6	0.1	AQ201
1458156	20	54	0.88	0.136	151	2	3.52	0.024	0.06	0.1	0.05	0.2	8.4	0.025	0.5	8	0.1	AQ201
1458157	12	45	0.77	0.11	177	2	3.26	0.022	0.06	0.1	0.03	0.2	5.6	0.025	0.25	9	0.1	AQ201
1458158	12	47	0.82	0.131	154	2	2.92	0.022	0.09	2.8	0.04	0.2	6	0.025	0.25	8	0.1	AQ201
1458159	16	55	2.17	0.19	317	0.5	3.54	0.021	0.83	0.6	0.02	1.5	8.6	0.025	0.25	14	0.1	AQ201
1458160	11	81	1.37	0.165	164	2	3.23	0.021	0.14	1.3	0.03	0.5	6.9	0.025	0.25	10	0.1	AQ201
1458161	15	104	2.09	0.156	169	0.5	3.4	0.016	0.34	1.9	0.02	0.5	8.5	0.025	0.25	10	0.1	AQ201
1458162	17	66	1.35	0.124	191	0.5	3.38	0.013	0.52	0.05	0.005	0.4	7.8	0.11	0.25	9	0.1	AQ201
1458163	12	57	0.85	0.114	153	1	2.88	0.019	0.31	0.05	0.01	0.2	5.4	0.11	0.25	8	0.1	AQ201

sample_id	utm_zone	utm_easting	utm_northing	elevation	sample_date	colour	texture	moisture	site_slope	depth	horizon	site_veget	ground_cov	quality	note1
1455376	07N	541145	693499	1116	9/17/2016	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse
1455124	07N	541177	6935418	1108	9/17/2016	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Coarse
1455125	07N	541177	6935418	1108	9/17/2016	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Coarse
1455377	07N	541209	6935379	1104	9/17/2016	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss > 30cm	Good	Clay
1455378	07N	541242	6935942	1098	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Good	Fine
1455379	07N	541272	6935303	1094	9/17/2016	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Good	Coarse
1455380	07N	541301	6935282	1090	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Black Spruce	Reindeer Moss	Good	Fine
1455381	07N	541333	6935221	1086	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Black Spruce	Reindeer Moss	Good	Coarse
1455382	07N	541362	6935180	1087	9/17/2016	Chocolate Brown	Sand	Dry	Flat	40	C	White Spruce	Reindeer Moss	Good	Rocky Sample
1455383	07N	541397	6935143	1081	9/17/2016	Chocolate Brown	Sand	Dry	Flat	40	C	White Spruce	Reindeer Moss	Good	Fine
1455384	07N	541432	6935108	1079	9/17/2016	Chocolate Brown	Silt	Dry	Flat	90	C	White Spruce	Reindeer Moss	Good	Coarse
1455385	07N	541461	6935067	1080	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine
1455386	07N	541486	6935033	1076	9/17/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Clay
1455387	07N	541963	6934115	942	9/17/2016	Chocolate Brown	Clay	Wet	Subtle Slope	110	C	White Spruce	Sphagnum Moss > 30cm	Good	Mud
1455388	07N	541946	6934164	946	9/17/2016	Chocolate Brown	Silt	Damp	Subtle Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Good	Clay
1455389	07N	541941	6934215	953	9/17/2016	Chocolate Brown	Clay	Wet	Subtle Slope	110	C	Willows	Sphagnum Moss > 30cm	Good	Mud
1455391	07N	541907	6934310	964	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss > 30cm	Good	Mud
1455392	07N	541887	6934358	977	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Birch Forest	Thin Moss Cover	Good	Fine
1455393	07N	541870	6934406	978	9/17/2016	Chocolate Brown	Silt	Damp	Subtle Slope	80	C	Birch Forest	Leaf Cover	Good	Rocky Sample
1455394	07N	541853	6934455	989	9/17/2016	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse
1455395	07N	541833	6934607	984	9/17/2016	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	Birch Forest	Grass Cover	Excellent	Coarse
1455396	07N	541833	6934607	984	9/17/2016	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Fine
1455397	07N	541804	6934552	1002	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Good	Fine
1455398	07N	541783	6934600	1012	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Rocky Sample
1455399	07N	541762	6934649	1015	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Fine
1455400	07N	541733	6934695	1024	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Coarse
1455401	07N	541723	6934745	1031	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine
1455402	07N	541704	6934794	1044	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine
1455403	07N	541693	6934839	1046	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine
1455404	07N	541642	6934872	1057	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse
1455405	07N	541604	6934910	1061	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse
1455406	07N	541570	6934956	1067	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Reindeer Moss	Good	Fine
1455407	07N	541538	6934999	1071	9/17/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Fine
1455408	07N	537722	6942473	929	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse
1455409	07N	537720	6942467	936	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	60	B	Birch Forest	Leaf Cover	Good	Rocky Terrain
1455410	07N	537818	6942503	953	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Thin Moss Cover	Good	Fine
1455411	07N	537868	6942519	962	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	Birch Forest	Reindeer Moss	Good	Clay
1455412	07N	537911	6942541	967	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Birch Forest	Leaf Cover	Good	Fine
1455413	07N	537960	6942555	976	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	20	B	Birch Forest	Thin Moss Cover	Good	Fine
1455414	07N	538008	6942576	982	9/18/2016	Bluish Grey	Clay	Damp	Flat	50	C	Birch Forest	Thin Moss Cover	Excellent	Fine
1455415	07N	538062	6942592	983	9/18/2016	Chocolate Brown	Silt	Dry	Flat	30	B	Alders	Leaf Cover	Good	Fine
1455416	07N	538101	6942608	984	9/18/2016	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Alders	Reindeer Moss	Good	Rocky Sample
1455417	07N	538149	6942621	976	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	70	C	Birch Forest	Sphagnum Moss > 30cm	Good	Clay
1455418	07N	538194	6942642	967	9/18/2016	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Mud
1455419	07N	538242	6942656	958	9/18/2016	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Alders	Sphagnum Moss < 30cm	Good	Fine
1455420	07N	538290	6942674	948	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Good	Coarse
1455421	07N	538330	6942695	938	9/18/2016	Chocolate Brown	Clay	Damp	Subtle Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine
1455422	07N	538380	6942707	919	9/18/2016	Dark Grey Black	Silt	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine
1455423	07N	538427	6942722	904	9/18/2016	Dark Grey Black	Silt	Damp	Pronounced Slope	70	B	Birch Forest	Sphagnum Moss > 30cm	Good	Organic 10%
1455424	07N	538470	6942738	844	9/18/2016	Dark Grey Black	Silt	Damp	Pronounced Slope	30	C	Alders	Sphagnum Moss > 30cm	Poor	Organic 25%
1455425	07N	538566	6942778	844	9/18/2016	Dark Grey Black	Silt	Damp	Pronounced Slope	30	C	Alders	Sphagnum Moss < 30cm	Poor	Coarse
1455426	07N	538616	6942788	843	9/18/2016	Dark Grey Black	Silt	Damp	Pronounced Slope	30	B	Alders	Sphagnum Moss < 30cm	Poor	Organic 25%
1455427	07N	538664	6942806	845	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Good	Organic 25%
1455428	07N	538711	6942824	839	9/18/2016	Dark Brown	Silt	Damp	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Good	Organic 25%
1455429	07N	538757	6942841	769	9/18/2016	Dark Brown	Sand	Dry	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Good	Rocky Sample
1455430	07N	538807	6942863	752	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	60	B	Birch Forest	Leaf Cover	Good	Organic 10%
1455431	07N	538852	6942878	734	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Birch Forest	Leaf Cover	Good	Fine
1455432	07N	538898	6942893	719	9/18/2016	Dark Brown	Silt	Dry	Pronounced Slope	60	B	Birch Forest	Leaf Cover	Good	Fine
1455433	07N	538944	6942914	705	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay

sample_id	no2	mo_ppm	cu_ppm	pb_ppm	zn_ppm	sg_ppm	nl_ppm	co_ppm	mn_ppm	fe_pct	st_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	ca_pct	p_pct
1455376	Rocky Sample	1.6	45.2	11	75	0.05	33.5	17.1	278	4.36	9.1	1.1	4.5	5.8	26	0.05	0.5	7.4	0.3	0.21	0.032
1455124	Rocky Sample	1.2	44.2	9.8	60	0.05	25.7	13.7	220	4.16	4.8	1	1.9	6.4	26	0.05	0.3	5.4	0.4	0.12	0.029
1455125	Rocky Sample	1.7	25.1	7.8	54	0.05	26.8	12.9	229	3.65	10.4	0.7	2.4	3	18	0.05	0.6	68	0.2	0.18	0.032
1455377	Fine	1.6	24.5	9.2	57	0.05	29.3	15.5	245	3.95	11.1	0.7	0.9	2.9	21	0.1	0.6	79	0.2	0.23	0.033
1455378	Rocky Sample	1.1	29.2	8.2	75	0.05	46.5	18.2	345	4.48	7.6	0.9	1.1	5.4	16	0.05	0.4	81	0.2	0.21	0.027
1455379	Rocky Sample	1.2	40.3	8.2	65	0.05	22.4	9.5	215	4.29	4.3	1.6	1.2	7	24	0.05	0.3	57	0.3	0.15	0.037
1455380	Rocky Sample	0.8	20.7	3.8	52	0.05	22.5	15	262	3.99	3.1	0.7	0.8	5.3	21	0.05	0.1	77	0.05	0.22	0.028
1455381	Rocky Terrain	0.8	30.4	7.3	68	0.05	30.9	16.8	324	3.78	7.2	0.8	1.7	4.5	24	0.05	0.4	82	0.4	0.28	0.023
1455382	Coarse	1.4	34.8	8.5	52	0.05	28.7	15.8	358	3.91	11.5	0.9	3.3	3.7	24	0.05	0.6	78	0.2	0.27	0.036
1455383	Rocky Sample	0.5	21.6	10.4	69	0.05	14.2	12.7	480	3.91	3.9	0.6	0.9	4.4	16	0.1	0.2	88	0.2	0.28	0.07
1455384	Dull Red Rust	0.6	77.8	14.7	104	0.2	71	18.8	514	4.86	9.7	1.2	1.5	11.5	52	0.05	0.1	92	0.3	0.67	0.068
1455385	Sandy	0.4	37.7	4.3	93	0.05	42.1	19.5	421	4.25	2.8	0.9	0.9	5.8	18	0.05	0.05	92	0.1	0.3	0.056
1455386	Fine	1.3	28.7	8	44	0.05	26.4	12.5	216	3.51	10.2	0.4	1.3	1.6	23	0.05	0.4	85	0.1	0.3	0.028
1455387	Clay	0.6	90.5	8.5	49	0.05	37.5	14.4	304	3.04	7.6	0.6	6.6	2.1	49	0.05	0.4	74	0.05	0.78	0.038
1455388	Fine	0.8	64.8	6.7	42	0.1	28.5	11.6	364	2.73	7.2	0.7	4.8	2.1	43	0.05	0.4	65	0.05	0.66	0.031
1455389	Organic 10%	0.8	57.8	11.6	48	0.1	28.5	12.1	390	2.94	7.5	0.6	2.7	2.2	40	0.05	0.3	75	0.05	0.6	0.031
1455390	Organic 10%	0.7	87.7	9.5	43	0.1	30.8	11.3	282	2.93	7	0.5	4.2	2.1	40	0.05	0.2	65	0.05	0.5	0.037
1455391	Organic 10%	0.5	59	4.8	39	0.05	39.8	11.4	312	2.49	4.4	0.4	2.7	2	36	0.05	0.2	85	0.05	0.5	0.037
1455392	Fine	0.5	64	5.8	40	0.05	52.2	11.9	221	2.51	4.2	0.4	1.7	1.8	36	0.05	0.2	68	0.05	0.54	0.036
1455393	Rocky Terrain	0.5	85.9	5.1	57	0.05	24.5	11.8	260	2.94	3.3	0.6	2.4	3.7	27	0.05	0.1	61	0.05	0.34	0.036
1455394	Rocky Sample	0.4	18.8	1.8	63	0.05	5.7	10.2	560	4.86	2.7	1	0.25	8.5	16	0.05	0.05	66	0.1	0.22	0.048
1455395	Loess	0.4	11.6	3.2	43	0.05	10.6	7.7	312	2.5	3	0.8	1.5	5.6	16	0.05	0.2	45	0.05	0.21	0.017
1455396	Sandy	0.7	17.5	5.1	72	0.05	17.2	8.4	307	3.42	4.8	0.6	1.8	4.7	15	0.05	0.2	46	0.05	0.21	0.018
1455397	Dull Red Rust	0.8	29.6	6.2	55	0.05	31.3	14.8	356	3.5	6	0.9	1.8	5.6	24	0.05	0.3	66	0.05	0.33	0.027
1455398	Loess	0.9	29.5	6.4	55	0.05	23.2	10.7	318	2.8	5.8	0.5	1.8	2.2	21	0.05	0.3	66	0.1	0.29	0.022
1455399	Rocky Sample	0.5	18.7	4.1	52	0.05	18.4	11.4	278	3.15	2.9	0.7	0.25	4.2	19	0.05	0.1	62	0.1	0.3	0.027
1455400	Dull Red Rust	0.3	60.6	3.8	49	0.05	17.7	10.7	260	2.99	3	0.6	4.4	3.6	19	0.05	0.2	60	0.05	0.28	0.024
1455401	Rocky Sample	0.4	40.4	2.6	70	0.05	34.2	23.2	281	4.3	0.7	0.5	0.8	3.3	12	0.05	0.05	110	0.05	0.38	0.076
1455402	Rocky Sample	0.5	30.3	4.8	57	0.05	25.7	14.4	285	3.26	3.8	0.7	2.7	4.1	19	0.05	0.2	75	0.05	0.28	0.023
1455403	Rocky Sample	0.5	104.6	6.6	64	0.05	28.4	14.4	242	2.67	3	0.4	1.7	2.3	15	0.05	0.2	65	0.1	0.27	0.03
1455404	Rocky Sample	1.3	31.8	8.1	61	0.05	29.3	15	360	3.67	7.6	0.7	3.9	4.8	23	0.05	0.5	70	0.2	0.34	0.053
1455405	Rocky Sample	1.3	24.9	9.4	85	0.05	27.8	13.8	380	3.79	8.8	0.6	3.6	3.7	16	0.1	0.4	72	0.2	0.17	0.021
1455406	Quartz Chips	0.8	25.4	4.2	27	0.05	16.2	8.3	160	1.87	4.3	0.4	2.1	1	19	0.1	0.2	44	0.05	0.24	0.023
1455407	Organic 10%	0.5	35.5	14.7	138	0.05	34.3	14.4	596	3.73	8.4	1.5	1.6	9	33	0.1	0.2	56	0.2	0.45	0.039
1455408	Mud	0.6	26.4	24.3	91	0.05	28.2	12.2	419	3.29	10	0.9	1.4	6.5	27	0.05	0.2	53	0.2	0.36	0.031
1455409	Rocky Sample	0.5	36.7	1.7	78	0.05	33.6	14.1	378	3.37	5.3	1.6	3.1	9	29	0.05	0.2	61	0.2	0.39	0.031
1455410	Mud	0.5	34	53.3	87	0.05	25.5	12.4	324	3.11	3.7	1.4	0.8	7.7	25	0.05	0.2	48	0.2	0.27	0.028
1455411	Organic 10%	1.1	19.5	13.3	48	0.05	24.6	10.6	230	3.07	7.9	0.5	2.8	3.5	22	0.05	0.4	68	0.2	0.24	0.015
1455412	Rocky Terrain	1.4	31.1	14.2	80	0.05	40.1	18.3	298	4.86	10	0.8	2.4	4.3	17	0.1	0.4	86	0.3	0.18	0.016
1455413	Rocky Terrain	0.6	41	10.1	68	0.2	33.6	16	589	3.33	14.1	1.3	15.5	5	78	0.1	0.3	82	0.2	1.5	0.047
1455414	Clay	1.4	28.1	8.9	44	0.05	23	11.8	317	2.86	9.9	0.8	3	3.4	32	0.3	0.4	68	0.2	0.38	0.035
1455415	Rocky Sample	0.5	37.5	6	37	0.05	32.1	15.2	267	2.83	3.1	0.6	2.1	3.3	20	0.05	0.2	58	0.2	0.22	0.025
1455416	Coarse	0.8	57.7	10.7	67	0.05	44.8	21.2	446	3.84	16.2	1.4	8.1	6	38	0.05	0.2	74	0.3	0.59	0.062
1455417	Mud	0.7	43.1	7.6	58	0.05	36	16	411	3.33	11.7	0.9	2.8	3.7	43	0.1	0.5	72	0.2	0.71	0.055
1455418	Fine	0.7	53.8	8.4	55	0.05	39	18.1	349	3.54	21.5	1.2	7.2	4.5	37	0.05	0.3	76	0.3	0.6	0.045
1455419	Clay	0.7	34.8	6.4	62	0.05	48.9	18.5	309	3.52	7.9	0.7	3.4	3.4	30	0.05	0.2	75	0.2	0.54	0.083
1455420	Rocky Sample	0.7	36.4	8.3	63	0.05	37.1	18.5	599	3.42	9.4	1.1	2.7	3.7	53	0.1	0.4	75	0.2	0.89	0.046
1455421	Organic 10%	0.4	37.4	7.7	58	0.05	36.6	16.4	574	3.09	8.6	0.8	4	3.1	82	0.1	0.3	70	0.2	1.58	0.059
1455422	Rusty Rock Chip	0.5	26.8	8.4	42	0.05	34.6	13.4	505	2.45	6.6	0.7	1.2	1.9	66	0.1	0.2	55	0.1	1.68	0.05
1455423	Partially Frozen	0.5	25.9	5.9	46	0.05	31.1	12.7	396	2.34	6.6	0.7	3.5	2.3	85	0.05	0.2	57	0.1	1.58	0.04
1455424	Organic 25%	0.5	22.4	4.8	42	0.05	28.5	12.7	438	2.47	8.3	0.7	3.7	2.5	71	0.1	0.2	54	0.1	1.49	0.047
1455425	Fine	0.8	22.5	5.4	43	0.05	30.1	13.2	438	2.47	8.3	0.7	3.7	2.5	71	0.1	0.2	56	0.1	1.16	0.045
1455426	Rocky Sample	0.8	22.8	5	54	0.05	32.7	13.5	351	2.69	8.4	0.7	2.2	3.1	60	0.2	0.2	61	0.1	1.11	0.045
1455427	Rocky Sample	1	21.6	6.3	53	0.05	35.7	13.9	389	2.69	14.5	0.7	16.1	3.4	63	0.1	0.3	66	0.2	1.32	0.053
1455428	Organic 10%	0.6	28.3	6.7	45	0.05	27	12.8	436	2.63	10.9	0.7	1.7	2.5	53	0.05	0.3	68	0.1	1.21	0.053
1455429	Coarse	0.6	31.8	5.4	44	0.05	32	12.6	434	2.55	9.9	0.7	4.5	2	56	0.05	0.3	63	0.1	1.52	0.051
1455430	Fine	0.5	46.8	5.5	45	0.05	41.9	14.4	412	2.76	10.5	0.9	4	2.7	59	0.05	0.3	69	0.2	1.29	0.057
1455431	Rocky Sample	0.4	43.5	6	54	0.05	35.4	13.3	382	2.9	8.8	0.8	4.3	3.5	52	0.1	0.4	71	0.2	1	0.059

sample_id	la_ppm	cr_ppm	mg_pct	li_pct	ba_ppm	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	cl_ppm	sc_ppm	s_pct	se_ppm	pb_ppm	te_ppm	analysis_m
1455376	16	51	0.87	0.123	178	0.5	3.13	0.013	0.33	0.05	0.02	0.2	5.3	0.05	0.25	9	0.1	AQ201
1455124	16	42	0.91	0.125	141	0.5	2.72	0.015	0.6	0.05	0.005	0.5	4.4	0.13	0.25	8	0.1	AQ201
1455125	11	40	0.57	0.063	114	1	2.82	0.017	0.04	0.05	0.03	0.1	4.1	0.025	0.25	7	0.1	AQ201
1455377	9	44	0.67	0.109	141	0.5	2.66	0.013	0.07	0.05	0.005	0.2	4.6	0.025	0.25	7	0.1	AQ201
1455378	12	81	1.14	0.124	155	0.5	3.02	0.011	0.36	0.05	0.005	0.2	6.0	0.025	0.25	9	0.1	AQ201
1455379	18	44	0.89	0.121	145	0.5	2.58	0.013	0.68	0.05	0.01	0.4	6	0.05	0.25	8	0.1	AQ201
1455380	12	42	1.15	0.176	220	0.5	2.49	0.012	0.80	0.1	0.005	0.2	10	0.025	0.25	9	0.1	AQ201
1455381	12	50	0.88	0.143	183	0.5	3.05	0.017	0.13	0.1	0.02	0.1	7.8	0.025	0.25	8	0.1	AQ201
1455382	11	45	0.71	0.107	150	0.5	2.84	0.019	0.1	0.05	0.03	0.1	6.8	0.025	0.25	7	0.1	AQ201
1455383	13	27	0.81	0.093	111	0.5	2.19	0.011	0.54	0.2	0.005	0.2	9.9	0.025	0.25	9	0.1	AQ201
1455385	14	88	1.66	0.247	250	0.5	3.68	0.081	0.96	0.4	0.02	0.5	14.2	0.025	0.25	13	0.1	AQ201
1455386	7	43	0.85	0.106	132	0.5	2.48	0.015	0.04	0.05	0.03	0.05	5	0.025	0.25	8	0.1	AQ201
1455387	11	57	0.72	0.117	172	1	2.57	0.066	0.05	0.05	0.03	0.05	7	0.025	0.25	6	0.1	AQ201
1455388	12	41	0.6	0.115	163	0.5	2.23	0.051	0.05	0.05	0.03	0.05	6.3	0.025	0.25	6	0.1	AQ201
1455389	10	50	0.87	0.125	178	1	2.62	0.04	0.05	0.05	0.02	0.05	6	0.025	0.25	6	0.1	AQ201
1455390	10	57	0.85	0.126	194	1	2.85	0.04	0.05	0.05	0.02	0.05	5.6	0.025	0.25	7	0.1	AQ201
1455391	7	79	0.78	0.126	154	0.5	2.22	0.044	0.05	0.1	0.01	0.05	4.7	0.025	0.25	6	0.1	AQ201
1455392	7	95	0.78	0.098	157	0.5	2.16	0.042	0.04	0.1	0.01	0.05	5.1	0.025	0.25	6	0.1	AQ201
1455393	12	44	0.72	0.176	155	0.5	2.05	0.02	0.44	0.1	0.01	0.2	7.2	0.025	0.25	7	0.1	AQ201
1455394	14	14	0.82	0.131	218	0.5	2.42	0.011	1.27	0.3	0.005	0.5	18.9	0.025	0.25	14	0.1	AQ201
1455395	8	18	0.5	0.132	98	0.5	1.57	0.016	0.38	0.1	0.005	0.2	6.7	0.025	0.25	7	0.1	AQ201
1455395	8	18	0.5	0.129	101	0.5	1.55	0.016	0.37	0.1	0.005	0.2	7	0.025	0.25	7	0.1	AQ201
1455396	9	33	0.87	0.145	145	0.5	2.12	0.012	0.29	0.4	0.005	0.2	7.5	0.025	0.25	9	0.1	AQ201
1455397	14	48	0.93	0.129	211	0.5	2.44	0.018	0.38	0.1	0.01	0.2	6.2	0.025	0.25	7	0.1	AQ201
1455398	8	41	0.72	0.128	154	1	1.93	0.019	0.09	0.05	0.01	0.05	4.6	0.025	0.25	6	0.1	AQ201
1455399	12	44	1.09	0.166	222	0.5	2.21	0.013	0.5	0.1	0.005	0.2	7.1	0.025	0.25	9	0.1	AQ201
1455400	10	41	0.99	0.154	201	0.5	2.08	0.014	0.42	0.1	0.005	0.2	6.5	0.025	0.25	8	0.1	AQ201
1455401	8	64	1.22	0.189	227	0.5	1.96	0.021	0.48	0.1	0.005	0.2	5.1	0.025	0.25	6	0.1	AQ201
1455402	11	73	1.67	0.235	328	0.5	2.45	0.013	1.36	0.2	0.005	0.5	7.2	0.025	0.25	10	0.1	AQ201
1455404	8	60	1.07	0.122	145	0.5	1.97	0.014	0.16	0.05	0.005	0.2	4.1	0.025	0.25	6	0.1	AQ201
1455405	11	37	0.75	0.137	181	2	2.79	0.02	0.24	0.2	0.02	0.2	4.9	0.025	0.25	8	0.1	AQ201
1455406	11	36	0.57	0.075	152	1	2.28	0.011	0.09	0.05	0.01	0.1	3.7	0.025	0.25	7	0.1	AQ201
1455407	6	29	0.39	0.069	79	0.5	1.32	0.022	0.03	0.05	0.02	0.05	3.4	0.025	0.25	4	0.1	AQ201
1455408	22	51	0.88	0.237	164	0.5	2.85	0.022	0.64	0.1	0.02	0.3	6.3	0.025	0.25	8	0.1	AQ201
1455409	19	42	0.78	0.239	136	0.5	2.4	0.02	0.54	0.05	0.01	0.3	4.9	0.025	0.25	8	0.1	AQ201
1455410	27	47	0.85	0.226	140	0.5	2.7	0.017	0.55	0.05	0.02	0.4	5.9	0.025	0.25	8	0.1	AQ201
1455411	25	35	0.6	0.218	116	1	2.2	0.024	0.54	0.1	0.02	0.3	4.6	0.025	0.25	7	0.1	AQ201
1455412	9	37	0.48	0.136	94	0.5	2.15	0.017	0.15	0.05	0.01	0.1	3.3	0.025	0.25	7	0.1	AQ201
1455413	12	53	0.84	0.219	110	1	3.12	0.006	0.33	0.05	0.005	0.3	4.4	0.025	0.25	11	0.1	AQ201
1455414	19	42	0.76	0.167	145	3	2.68	0.052	0.4	0.05	0.03	0.3	5.9	0.025	0.25	8	0.1	AQ201
1455415	11	39	0.58	0.122	152	1	2.24	0.019	0.24	0.05	0.03	0.2	4.6	0.025	0.25	7	0.1	AQ201
1455416	13	35	0.77	0.143	101	1	1.95	0.023	0.4	0.05	0.01	0.3	4	0.025	0.25	6	0.1	AQ201
1455417	23	51	0.92	0.187	123	0.5	2.78	0.029	0.64	0.1	0.02	0.4	6.9	0.025	0.25	8	0.1	AQ201
1455418	13	43	0.81	0.189	159	3	2.13	0.046	0.21	0.1	0.03	0.2	6	0.025	0.25	6	0.1	AQ201
1455419	17	48	0.93	0.183	159	2	2.67	0.028	0.34	0.05	0.03	0.3	8.8	0.025	0.25	7	0.1	AQ201
1455420	11	74	1.02	0.211	154	1	2.48	0.025	0.31	0.1	0.02	0.2	5.3	0.025	0.25	8	0.1	AQ201
1455421	14	47	0.93	0.19	187	2	2.51	0.032	0.16	0.1	0.03	0.2	6.8	0.025	0.25	7	0.1	AQ201
1455422	14	46	0.77	0.159	141	2	2.15	0.045	0.16	0.1	0.03	0.1	6.2	0.025	0.25	6	0.1	AQ201
1455423	9	40	0.56	0.125	108	2	1.66	0.042	0.08	0.05	0.03	0.1	4.9	0.06	0.25	5	0.1	AQ201
1455426	10	43	0.6	0.122	91	1	1.65	0.049	0.07	0.05	0.03	0.1	4.4	0.05	0.25	5	0.1	AQ201
1455427	8	37	0.57	0.117	87	2	1.54	0.046	0.1	0.05	0.03	0.1	4.2	0.06	0.25	4	0.1	AQ201
1455428	11	41	0.58	0.141	107	2	1.63	0.042	0.11	0.1	0.02	0.1	5	0.025	0.25	6	0.1	AQ201
1455429	11	49	0.88	0.188	99	2	1.67	0.046	0.13	0.1	0.02	0.05	5	0.025	0.25	6	0.1	AQ201
1455430	11	51	0.63	0.09	84	2	1.61	0.041	0.14	0.05	0.03	0.05	4.8	0.025	0.25	5	0.1	AQ201
1455431	11	36	0.85	0.12	128	2	1.67	0.045	0.1	0.1	0.03	0.05	5	0.025	0.25	5	0.1	AQ201
1455432	11	42	0.68	0.104	119	2	1.66	0.042	0.1	0.1	0.03	0.05	4.8	0.025	0.25	5	0.1	AQ201
1455433	12	50	0.82	0.146	163	2	1.91	0.048	0.2	0.1	0.03	0.1	5.4	0.025	0.25	6	0.1	AQ201
1455434	14	45	0.82	0.167	156	2	2.1	0.052	0.21	0.2	0.03	0.1	6.3	0.025	0.25	6	0.1	AQ201

sample id	lg ppm	sr ppm	mg pct	ll pct	ba ppm	h ppm	al pct	na pct	k pct	w ppm	hg ppm	g ppm	sc ppm	s pct	se ppm	qa ppm	la ppm	analysis
1455435	9	38	0.6	0.13	127	1	173	0.039	0.14	0.1	0.03	0.1	4.8	0.025	0.25	5	0.1	AQ201
1455436	9	36	0.63	0.134	119	1	182	0.041	0.08	0.1	0.03	0.05	4.9	0.025	0.25	5	0.1	AQ201
1455437	10	39	0.63	0.132	97	2	189	0.047	0.1	0.2	0.04	0.05	4.5	0.025	0.25	5	0.1	AQ201
1455438	25	38	0.72	0.165	210	2	255	0.021	0.45	0.2	0.08	0.2	10.6	0.07	0.25	9	0.1	AQ201
1455439	11	25	0.41	0.12	84	0.5	129	0.02	0.22	0.1	0.04	0.1	5.1	0.025	0.25	7	0.1	AQ201
1455424	10	36	0.6	0.149	109	1	182	0.021	0.23	0.05	0.02	0.1	6	0.025	0.25	6	0.1	AQ201
1455425	12	39	0.85	0.161	116	0.5	184	0.021	0.25	0.05	0.01	0.1	8.8	0.025	0.25	7	0.1	AQ201
1455425	11	39	0.65	0.161	109	0.5	184	0.021	0.25	0.05	0.02	0.2	8.4	0.025	0.25	7	0.1	AQ201
1455440	8	10	0.27	0.031	72	0.5	0.68	0.012	0.03	0.1	0.02	0.05	2.7	0.025	0.25	2	0.1	AQ201
1455440	9	10	0.3	0.033	76	0.5	0.77	0.013	0.04	0.05	0.03	0.05	3.1	0.025	0.25	2	0.1	AQ201
1455441	30	12	0.37	0.029	79	0.5	1.08	0.01	0.06	0.05	0.04	0.05	5.1	0.025	0.7	2	0.1	AQ201
1455442	22	33	0.68	0.057	142	2	1.95	0.021	0.04	0.05	0.04	0.05	5.8	0.025	0.25	5	0.1	AQ201
1455443	23	28	0.54	0.07	104	2	1.53	0.027	0.04	0.05	0.04	0.05	4.8	0.025	0.8	4	0.1	AQ201
1455444	23	39	0.69	0.121	140	2	1.99	0.041	0.06	0.05	0.03	0.05	7.5	0.025	0.25	6	0.1	AQ201
1455445	22	34	0.65	0.084	111	2	1.75	0.028	0.05	0.1	0.04	0.05	6.3	0.025	0.25	4	0.1	AQ201
1455446	21	36	0.68	0.071	151	2	2.14	0.023	0.05	0.05	0.04	0.05	6	0.025	0.25	6	0.1	AQ201
1455447	15	33	0.57	0.079	162	2	2.09	0.023	0.04	0.05	0.03	0.05	5.3	0.025	1	6	0.1	AQ201
1455448	17	167	1.78	0.07	112	1	2.34	0.022	0.06	0.05	0.03	0.05	10.2	0.025	0.25	6	0.1	AQ201
1455449	4	286	2.45	0.206	282	0.5	3.22	0.009	0.85	0.1	0.005	0.3	3.6	0.025	0.5	9	0.1	AQ201
1455450	5	284	2.2	0.206	244	0.5	3.04	0.01	0.76	0.2	0.01	0.3	3.7	0.025	0.25	8	0.1	AQ201
1455201	5	231	2.92	0.272	282	0.5	3.97	0.009	1.05	0.1	0.01	0.5	7.4	0.025	0.25	13	0.1	AQ201
1458202	13	119	1.47	0.128	157	2	2.47	0.017	0.1	0.05	0.04	0.1	5.2	0.025	0.25	8	0.1	AQ201
1458203	10	75	1.08	0.11	142	2	2.18	0.026	0.05	0.1	0.03	0.05	6.1	0.025	0.25	8	0.1	AQ201
1458204	11	69	0.79	0.091	127	2	1.81	0.027	0.05	0.05	0.04	0.05	5	0.025	0.25	5	0.1	AQ201
1458205	6	28	0.32	0.063	66	0.5	1.28	0.016	0.04	0.05	0.02	0.05	2.4	0.025	0.25	7	0.1	AQ201
1458206	7	32	0.4	0.078	89	0.5	2.1	0.009	0.05	0.05	0.02	0.1	3.2	0.025	0.25	9	0.1	AQ201
1458207	6	26	0.44	0.094	107	1	1.6	0.023	0.06	0.1	0.02	0.2	3.1	0.025	0.25	5	0.1	AQ201
1458208	13	43	0.69	0.111	153	2	2.83	0.021	0.1	0.1	0.03	0.1	5.7	0.025	0.25	7	0.1	AQ201
1458210	6	43	0.71	0.108	153	0.5	2.92	0.017	0.05	0.05	0.005	0.05	5	0.025	0.25	7	0.1	AQ201
1458211	7	159	2.01	0.168	327	0.5	2.49	0.025	0.49	0.2	0.005	0.2	3.4	0.025	0.25	8	0.1	AQ201
1458212	15	57	0.98	0.089	238	2	2.36	0.049	0.1	0.2	0.03	0.1	7.3	0.025	0.25	8	0.1	AQ201
1458213	11	54	0.94	0.119	125	0.5	2.96	0.024	0.11	0.1	0.02	0.1	7.5	0.025	0.25	9	0.1	AQ201
1458214	12	90	1.78	0.232	236	0.5	2.98	0.045	0.33	0.2	0.02	0.3	10.1	0.025	0.25	9	0.1	AQ201
1458215	21	90	1.33	0.081	146	1	3.57	0.097	0.05	0.2	0.05	0.1	13.5	0.025	0.8	10	0.1	AQ201
1458216	8	52	1.1	0.103	129	0.5	2.92	0.022	0.13	0.1	0.01	0.1	7.2	0.025	0.25	9	0.1	AQ201
1458217	15	63	1.06	0.091	145	1	2.64	0.029	0.05	0.05	0.04	0.05	8.6	0.025	0.25	8	0.1	AQ201
1458218	14	50	1.15	0.09	131	0.5	2.5	0.047	0.11	0.1	0.02	0.1	7.8	0.025	0.25	7	0.1	AQ201
1458219	13	56	0.93	0.127	165	1	2.42	0.011	0.27	0.05	0.005	0.1	4.8	0.025	0.25	8	0.1	AQ201
1458220	2	9	0.12	0.052	30	0.5	0.4	0.027	0.02	0.05	0.01	0.05	0.7	0.025	0.25	2	0.1	AQ201
1458221	10	168	2.96	0.329	611	0.5	3.8	0.013	1.41	0.1	0.005	0.4	7.6	0.025	0.25	16	0.1	AQ201
1458222	5	261	1.83	0.17	242	0.5	2.24	0.027	0.42	0.1	0.02	0.4	2.9	0.025	0.25	5	0.1	AQ201
1458223	11	134	2.3	0.198	178	1	3.19	0.014	0.88	0.2	0.02	0.4	7.3	0.025	0.25	12	0.1	AQ201
1458224	7	19	0.28	0.063	79	0.5	1.2	0.029	0.03	0.05	0.02	0.05	2.5	0.025	0.25	4	0.1	AQ201
1458224	7	19	0.28	0.063	78	0.5	1.16	0.029	0.03	0.05	0.02	0.05	2.4	0.025	0.25	4	0.1	AQ201
1458225	14	23	0.31	0.07	100	0.5	1.5	0.029	0.04	0.05	0.03	0.05	3.6	0.025	0.25	5	0.1	AQ201
1458188	14	92	1.3	0.128	163	2	2.64	0.028	0.12	0.3	0.03	0.2	8.3	0.025	0.25	7	0.1	AQ201
1455189	10	121	1.64	0.13	149	2	2.74	0.032	0.24	0.7	0.02	0.3	8	0.025	0.25	8	0.1	AQ201
1455189	8	126	1.62	0.185	128	2	2.5	0.037	0.29	1.6	0.03	0.4	7	0.025	0.25	7	0.1	AQ201
1455181	7	140	1.65	0.16	142	0.5	2.75	0.04	0.36	0.5	0.03	0.7	7.6	0.025	0.25	8	0.1	AQ201
1455182	7	60	0.91	0.11	108	2	1.79	0.037	0.08	0.6	0.02	0.2	5.8	0.025	0.25	5	0.1	AQ201
1455183	10	69	0.9	0.11	120	2	2.16	0.04	0.12	0.3	0.03	0.2	3.9	0.025	0.25	6	0.1	AQ201
1455184	10	57	0.77	0.106	136	2	1.88	0.039	0.08	0.6	0.04	0.1	5.8	0.025	0.25	6	0.1	AQ201
1455185	9	38	0.54	0.085	127	2	1.75	0.031	0.05	0.1	0.04	0.1	4.4	0.025	0.25	5	0.1	AQ201



sample_id	um_zone	um_easth	um_north	elevation	sample_date	colour	texture	moisture	site_slope	depth	horizon	site_veget	ground_cov	quality	notes
145435	07N	538991	694295	890	9/18/2016	Dark Brown	Silt	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Clay
145436	07N	539040	694296	883	9/18/2016	Grey	Clay	Damp	Subtle Slope	60	C	Old Burn	Sphagnum Moss > 30cm	Good	Fine
145437	07N	539086	694293	871	9/18/2016	Dark Grey Black	Silt	Damp	Flat	30	B	Old Burn	Sphagnum Moss > 30cm	Poor	Organic 25%
145438	07N	539135	694292	669	9/18/2016	Dark Brown	Silt	Damp	Subtle Slope	50	B	Birch Forest	Sphagnum Moss > 30cm	Poor	Clay
145439	07N	539179	694288	880	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Birch Forest	Sphagnum Moss > 30cm	Poor	Fine
145424	07N	539228	694301	700	9/18/2016	Light Brown	Silt	Dry	Sleep	40	B	Birch Forest	Leaf Cover	Good	Fine
145425	07N	539228	694301	700	9/18/2016	Light Brown	Silt	Dry	Sleep	40	B	Birch Forest	Leaf Cover	Good	Fine
145426	07N	539228	694301	700	9/18/2016	Light Brown	Silt	Dry	Sleep	40	B	Birch Forest	Leaf Cover	Good	Fine
145440	07N	537379	693713	1102	9/18/2016	Grey	Sand	Dry	Subtle Slope	70	C	Subspline Fir	Reindeer Moss	Excellent	Coarse
145441	07N	537402	693713	1102	9/18/2016	Grey	Sand	Dry	Subtle Slope	70	C	Subspline Fir	Reindeer Moss	Excellent	Coarse
145442	07N	537432	693713	1088	9/18/2016	Chocolate Brown	Clay	Damp	Flat	50	C	Subspline Fir	Sphagnum Moss < 30cm	Excellent	Fine
145443	07N	537432	693713	1088	9/18/2016	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Subspline Fir	Sphagnum Moss < 30cm	Excellent	Rusty Rock Chip
145444	07N	537402	693713	1088	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	Subspline Fir	Sphagnum Moss < 30cm	Excellent	Rusty Rock Chip
145445	07N	537505	693726	1083	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	Subspline Fir	Reindeer Moss	Excellent	Clay
145446	07N	537547	693724	1091	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	Subspline Fir	Reindeer Moss	Excellent	Clay
145447	07N	537598	693701	1075	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Good	Clay
145448	07N	537644	693732	1086	9/18/2016	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Good	Coarse
145449	07N	537739	693735	1050	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	80	C	Black Spruce	Reindeer Moss	Excellent	Clay
145450	07N	537739	693735	1050	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	80	C	Black Spruce	Reindeer Moss	Excellent	Clay
145451	07N	537786	693732	1089	9/18/2016	Chocolate Brown	Silt	Wet	Subtle Slope	50	C	Black Spruce	Reindeer Moss	Good	Clay
145452	07N	537831	693734	1033	9/18/2016	Dark Grey Black	Silt	Damp	Subtle Slope	40	C	Black Spruce	Reindeer Moss	Good	Clay
145453	07N	537873	693749	1021	9/18/2016	Dark Grey Black	Silt	Damp	Subtle Slope	50	C	Black Spruce	Reindeer Moss	Good	Clay
145454	07N	537921	693734	1012	9/18/2016	Dark Grey Black	Silt	Damp	Subtle Slope	50	C	Black Spruce	Reindeer Moss	Good	Clay
145455	07N	537965	693749	1003	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Subspline Fir	Reindeer Moss	Good	Clay
145456	07N	538014	693744	997	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Fine
145457	07N	538060	693748	991	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Sample
145458	07N	538109	693758	882	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Sample
145459	07N	538152	693752	972	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay
145460	07N	538200	693755	968	9/18/2016	Light Brown	Silt	Dry	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse
145461	07N	538246	693758	951	9/18/2016	Black Grey	Sand	Dry	Subtle Slope	60	C	Birch Forest	Reindeer Moss	Excellent	Rocky Terrain
145462	07N	538282	693759	952	9/18/2016	Dark Grey Black	Silt	Damp	Subtle Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Sample
145463	07N	538340	693761	939	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Birch Forest	Leaf Cover	Good	Fine
145464	07N	538383	693762	910	9/18/2016	Light Brown	Silt	Dry	Pronounced Slope	30	B	Birch Forest	Leaf Cover	Good	Fine
145465	07N	538406	693763	928	9/18/2016	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Birch Forest	Leaf Cover	Good	Fine
145466	07N	538455	693765	928	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Birch Forest	Leaf Cover	Good	Fine
145467	07N	538507	693790	919	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Birch Forest	Leaf Cover	Good	Fine
145468	07N	538557	693775	923	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Fine
145469	07N	538596	693771	923	9/18/2016	Light Brown	Silt	Dry	Subtle Slope	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Loess
145470	07N	538628	693707	819	9/18/2016	Chocolate Brown	Silt	Damp	Flat	80	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse
145471	07N	538479	693764	924	9/18/2016	Bluish Grey	Silt	Damp	Flat	90	C	Birch Forest	Reindeer Moss	Excellent	Clay
145472	07N	538433	693769	929	9/18/2016	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Birch Forest	Reindeer Moss	Excellent	Coarse
145473	07N	538386	693766	935	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Sample
145474	07N	538386	693766	935	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Sample
145475	07N	538386	693766	935	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Sample
145476	07N	538949	693583	1153	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Sandy
145477	07N	538988	693515	1142	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Thin Moss Cover	Good	Sandy
145478	07N	538988	693515	1142	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Thin Moss Cover	Good	Sandy
145479	07N	539004	693518	1127	9/18/2016	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Thin Moss Cover	Good	Sandy
145480	07N	539023	693507	1115	9/18/2016	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Mud
145481	07N	539041	693502	1110	9/18/2016	Dark Brown	Silt	Wet	Pronounced Slope	40	B	Dwarf Birch	Thin Moss Cover	Poor	Mud
145482	07N	539069	693497	1100	9/18/2016	Dark Brown	Silt	Damp	Subtle Slope	80	B	Dwarf Birch	Thin Moss Cover	Good	Mud
145483	07N	539077	693498	1091	9/18/2016	Chocolate Brown	Silt	Damp	Pronounced Slope	80	B	Dwarf Birch	Reindeer Moss	Good	Fine

sample id	note2	mg ppm	cu ppm	pb ppm	zn ppm	hg ppm	ni ppm	co ppm	mn ppm	te pct	as ppm	u ppm	au ppb	th ppm	sr ppm	cd ppm	sb ppm	v ppm	bi ppm	ca pct	p pct
1455435	Organic 10%	0.7	25	5.4	46	0.05	23.9	11.5	37.1	2.31	8.8	0.8	8	2.2	49	0.05	0.3	98	0.2	0.68	0.042
1455436	Organic 10%	0.5	20.7	5	55	0.05	21.4	9	166	2.51	6.3	0.8	7.9	2.2	40	0.05	0.3	70	0.1	0.75	0.051
1455437	Clay	0.5	22.9	5	51	0.05	26	10.1	2.19	2.27	7.3	0.6	4.2	2.2	52	0.05	0.2	57	0.1	0.98	0.046
1455438	Organic 10%	1.2	28.5	4.9	45	0.1	18.6	11.1	65.7	3.58	4.5	1.6	2.7	4.6	17	0.1	0.4	64	0.2	0.92	0.052
1455439	Organic 25%	1.8	15.6	3.8	28	0.05	13.1	5.4	139	2.13	3.3	0.6	8.4	2	49	0.05	0.3	47	0.05	0.27	0.031
1455424	Organic 10%	0.8	16.6	4.8	33	0.05	16.6	8.6	210	2.77	4.8	0.5	1.1	2.8	20	0.05	0.3	60	0.05	0.27	0.013
1455425	Organic 10%	0.8	18.1	4.7	35	0.05	17.5	9.2	223	2.85	4.5	0.5	3.2	3.1	19	0.05	0.3	61	0.1	0.28	0.013
1455425	Organic 10%	0.8	18.6	4.6	35	0.05	17.6	9	225	2.86	4.7	0.5	1.3	3.1	20	0.05	0.3	61	0.1	0.28	0.013
1455440	Rocky Sample	0.5	24.3	10.3	35	0.05	18.3	8.3	320	2.09	13.6	1.2	0.8	1.8	95.3	0.1	0.8	21	0.1	13.67	0.048
1455440	Rocky Sample	0.6	25.7	11.4	35	0.05	18.9	8.2	302	2.29	14.8	1.4	2.1	1.8	95.3	0.1	0.8	24	0.2	15.57	0.053
1455440	Rocky Sample	0.8	22.8	33.4	65	0.1	18.5	10.4	1178	2.93	8.5	1.9	1.7	3.9	360	0.3	0.6	18	0.4	8.25	0.07
1455442	Coarse	0.7	48.5	17.8	76	0.4	39.8	17.2	380	3.34	17.4	0.6	5.8	5.5	109	0.5	0.6	54	0.3	1.09	0.056
1455443	Clay	2.1	61.2	18.8	59	0.2	39.8	18.5	538	3.52	13.1	0.9	3.4	4.8	109	0.5	0.6	51	0.2	1.47	0.078
1455444	Rusty Rock Chip	0.6	57	14	78	0.1	44	20	422	3.58	11.3	0.6	3.4	5.7	87	0.2	0.6	71	0.2	1.47	0.065
1455445	Rusty Rock Chip	0.7	55.6	17.8	64	0.1	40.9	17.5	674	3.49	11.2	0.8	3.9	5.8	70	0.2	0.5	56	0.2	1.4	0.059
1455446	Dull Red Rust	0.8	50.2	15	62	0.1	40.6	17.3	905	3.55	9.5	1	3.7	4.5	61	0.2	0.5	62	0.2	0.93	0.054
1455446	Dull Red Rust	0.8	35.9	10.9	55	0.05	31.5	17.9	913	3.68	10.7	1	3.5	3	54	0.05	0.5	66	0.2	0.79	0.053
1455448	Dull Red Rust	1.2	77.7	20.8	72	0.1	130.7	34.3	1295	4.8	94.9	1	4	5.1	66	0.2	0.6	73	0.3	1.1	0.116
1455449	Dull Red Rust	0.6	74.4	2.7	79	0.05	181.4	39.6	798	5.2	5.1	0.2	0.25	0.8	40	0.05	0.1	102	0.05	0.93	0.195
1455449	Dull Red Rust	0.8	75	3.6	73	0.05	157.1	38.5	750	4.95	6.4	0.3	1.8	1.1	37	0.05	0.2	95	0.05	0.93	0.172
1455450	Organic 10%	0.7	81	35.7	116	0.05	115.9	40.3	1031	6.44	7.5	0.4	0.6	2	35	0.05	0.1	154	0.2	0.86	0.119
1455202	Rocky Sample	0.8	41.9	15.7	67	0.05	66.5	19.9	436	3.86	7.6	0.8	1.1	3.3	52	0.05	0.3	80	0.2	0.98	0.097
1455203	Dull Red Rust	0.7	66.8	15.3	80	0.05	67.4	20	511	3.48	8.7	0.9	2.3	4.5	45	0.05	0.3	66	0.2	0.84	0.069
1455204	Organic 10%	0.5	30.9	8.2	47	0.05	40	11.3	235	2.48	5.7	0.9	2	1.8	49	0.05	0.4	58	0.1	0.98	0.075
1455205	Organic 10%	1.6	15.4	7.8	32	0.05	14.6	6.5	188	2.82	8.3	0.3	3.5	1.5	13	0.05	0.4	68	0.2	0.14	0.02
1455206	Rocky Terrain	2	21	10.5	37	0.05	18.9	7.9	176	3.22	9.7	0.4	2.2	2	14	0.1	0.6	88	0.2	0.16	0.019
1455207	File	0.8	19	5.1	39	0.05	18.8	9.6	253	2.41	8.2	0.4	1.8	1.8	18	0.05	0.3	48	0.1	0.25	0.024
1455208	Coarse	1.4	30.3	8.1	58	0.05	32.9	14.9	411	3.98	11.4	0.7	4.1	3.5	27	0.05	0.5	74	0.2	0.39	0.036
1455208	Rocky Sample	0.8	26.4	6.8	50	0.05	21.9	10.2	312	2.9	6.3	0.7	2.4	2.5	31	0.05	0.3	60	0.2	0.39	0.036
1455210	Fine	1.2	22.5	6	44	0.05	28.3	14.1	298	3.58	8.5	0.4	1.7	2	25	0.05	0.3	60	0.1	0.57	0.048
1455211	Rocky Sample	0.8	53.7	2.8	54	0.05	131.6	30.7	358	3.85	4.5	0.4	1	1.2	31	0.05	0.4	68	0.05	0.81	0.198
1455212	Organic 10%	0.9	58.9	17.3	101	0.1	42.6	18.8	1066	3.7	5.9	1.1	1.2	2.4	82	0.4	0.3	74	0.2	1.92	0.067
1455213	Organic 10%	0.8	30.7	8.8	57	0.05	34.8	15.9	418	3.44	140.4	0.5	3.5	3.7	24	0.05	0.3	77	0.4	0.35	0.044
1455216	Rocky Terrain	1.4	106.9	24.3	202	0.3	42.2	24.4	1618	5.49	24.5	1.5	7.3	4.3	108	2.3	0.2	104	0.6	2.22	0.088
1455216	Rocky Terrain	1.1	26.9	6.4	66	0.05	28.9	11.6	331	3.74	17.9	0.5	1.1	2.6	47	0.1	0.5	83	0.2	0.19	0.017
1455218	Rocky Terrain	0.7	34.3	12.4	43	0.05	35.6	18.5	665	3.77	6.3	0.8	0.8	4	21.3	0.05	0.3	73	0.2	5.54	0.048
1455219	Rocky Terrain	1.9	18.5	5.9	43	0.05	41.3	16.6	756	3.98	23.2	0.9	3.8	4.1	40	0.2	0.6	85	0.2	0.6	0.034
1455220	Rocky Terrain	0.3	6.4	2.1	10	0.05	12.5	3.6	54	0.77	1.8	0.1	0.7	0.4	9	0.05	0.4	89	0.3	0.31	0.022
1455221	Clay	1	33.8	1.8	64	0.05	117.8	27.4	907	5.69	3.2	0.8	0.25	5.8	29	0.05	0.05	125	0.05	0.89	0.091
1455222	Coarse	0.5	12.2	2.6	43	0.05	275.9	30.6	1021	3.35	4.2	0.3	1.1	1	24	0.05	0.1	40	0.05	0.75	0.137
1455223	Rocky Sample	1.2	22.8	4.4	49	0.05	98.2	21.2	753	4.98	10.5	0.6	0.9	4.3	21	0.05	0.2	91	0.05	0.81	0.108
1455224	Fine	0.6	15.4	5	26	0.05	12.1	5.8	168	1.68	20.9	0.3	2.2	1.2	17	0.05	0.2	39	0.1	0.24	0.028
1455224	Fine	0.7	14.4	5	24	0.05	11.5	5.7	162	1.81	20.1	0.3	1.8	1.2	17	0.05	0.2	37	0.1	0.24	0.028
1455225	Fine	0.9	20.6	6.4	30	0.05	14.6	8.2	268	2.11	33.5	0.5	1.6	1.7	20	0.05	0.3	45	0.2	0.29	0.031
1455158	Mud	0.9	45.4	8	62	0.1	81.3	21.8	555	3.58	46.6	0.6	6.4	2.8	38	0.05	1.1	86	0.3	0.68	0.056
1455159	Mud	1.1	41.8	8.8	55	0.2	62.1	17.9	529	3.43	20.1	0.8	7.9	3.2	39	0.05	0.6	81	0.3	0.68	0.056
1455160	Mud	0.9	45.4	8	62	0.1	81.3	21.8	555	3.58	46.6	0.6	6.4	2.8	38	0.05	1.1	86	0.3	0.68	0.056
1455161	Sandy	0.6	58.1	4.9	65	0.05	87	22.8	475	3.48	11.7	0.4	3.3	1.7	27	0.05	0.6	81	0.2	0.75	0.048
1455162	Fine	1	49.3	7.2	65	0.1	99.1	26.8	684	3.69	24.6	0.9	4.8	1.4	34	0.2	0.6	87	0.2	0.81	0.054
1455163	Sandy	1.3	27.8	11.3	49	0.1	41.3	14.1	435	2.54	98.8	0.8	2.8	1.4	40	0.1	0.4	65	0.2	0.64	0.05
1455163	Rocky Terrain	1.5	42.4	21.9	77	0.3	47.2	14.3	391	2.91	13.1	2.6	5.6	1.7	46	0.2	0.5	73	0.7	0.87	0.055
1455164	Fine	1.8	37	15.2	65	0.2	37.6	14	542	2.77	66.7	2.2	3.8	1.6	48	0.3	0.5	68	0.4	0.85	0.056
1455165	Mud	1.2	32.8	10.6	43	0.2	25.8	10.2	353	2.3	34.5	1.6	3	1.3	33	0.1	0.3	59	0.3	0.53	0.051