Geophysical / Geochemical Report

Shanghai Property

Claims:

CA 1-8, YC11620-627
LS 1-8, YC11612-619
RA 1-8 YC11628-635
SF 1-6, YC11636-641
SR1-8, YC11604-611
Shanghai 1-60, YC11642-701
Shanghai 61-65, YC57330-334
Shanghai 66-86, YC57561-581

Mayo Mining District

NTS: 105M13

Latitude: 63 56'5" N **Longitude: -129°40’19” W**

Geophysical Work Performed On: 12-18 October, 2013

Soil Sampling work Performed On: 11-14 August, 2013

Date of Report: Jan 26, 2014

AUTHOR OF REPORT SHAWN RYAN

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1 Summary

The 2013 filed program undertaken on the Shanghai Property was a two phase project consisting of 1 geochemical survey and 2 geophysical surveys.

The initial phase of work was a soil program consisting of 527 soil samples positioned on infill lines designed to further establish and connect existing geochemical gold anomalies.

The second phase of work was a High Resolution DC Resistivity/IP survey consisting of 7 traverses at 415m length, and 45.5 km ground Magnetic survey. The IP survey was designed to define the mineralized fault structures seen in the underground 2250 drift, while the MAG survey was designed to highlight geological structure throughout the study area.

All work was undertaken by GroundTruth Exploration Inc.

Phase one work started on 11 August, 2013 and finished on 14 August, 2013.

Phase two work started on 12 October, 2013 and finished on 18 October, 2013.

2 Introduction

The Shanghai is a hard rock type target. The main commodity sought after is a lead , zinc silver, and gold. It is a Keno Hill style narrow high grade lead-zinc-silver veins and there is also a good story with intrusion related gold mineralization fluids coming up into the Robert Service Thrust Fault such as the Aurex property across the valley.

The main rock type is Mississippian, Keno Hill Quartzite and Upper Proterozoic, Hyland Group.

3 Location and Access

The Shanghai Project can be accessed by helicopter and is located 30 kilometres north of the community of Mayo. (figure 1)

The Shanghai Project is in the Keno Hill Area, located in the Mayo Mining District on NTS 105M13, Lat 63°56 north and Longitude 135°42 west, on the Shanghai claim block.

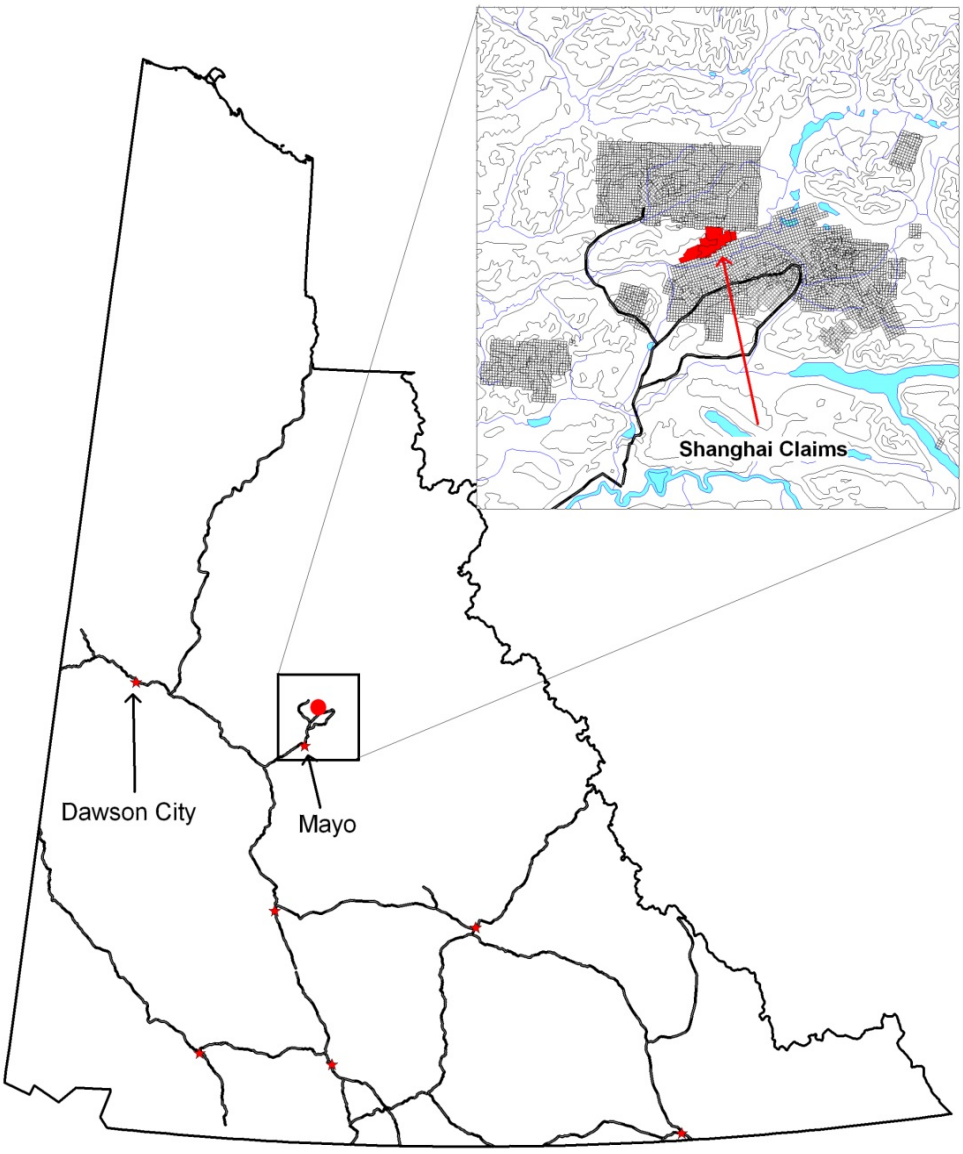
4 Property Description

The Shanghai Claim block is 267ha and consists of 124 Yukon Quartz Mining claims that are registered in the Mayo Mining district to Shawn Ryan. Claims: Shanghai 1-60. SR 1-8, LS 1-8, CA 1-8, RA 1-8 and SF 1-6. (figure 2)

5 Physiography

The Shanghai property is located on a south west trending ridge separating the South McQuesten River to the south and the Shanghai Creek to the north. The south facing slope is moderately steep with cliff bands spread throughout the hill. The property is mostly within the treeline, ranging from 640-1066m elevation. Vegetation is typical of the region consisting of spruce forests, alder and birch trees. The eastern portion of the property is occupied by an old burn. North aspect slopes, high altitude bogs, and the bottom of gullies are underlain by permafrost.

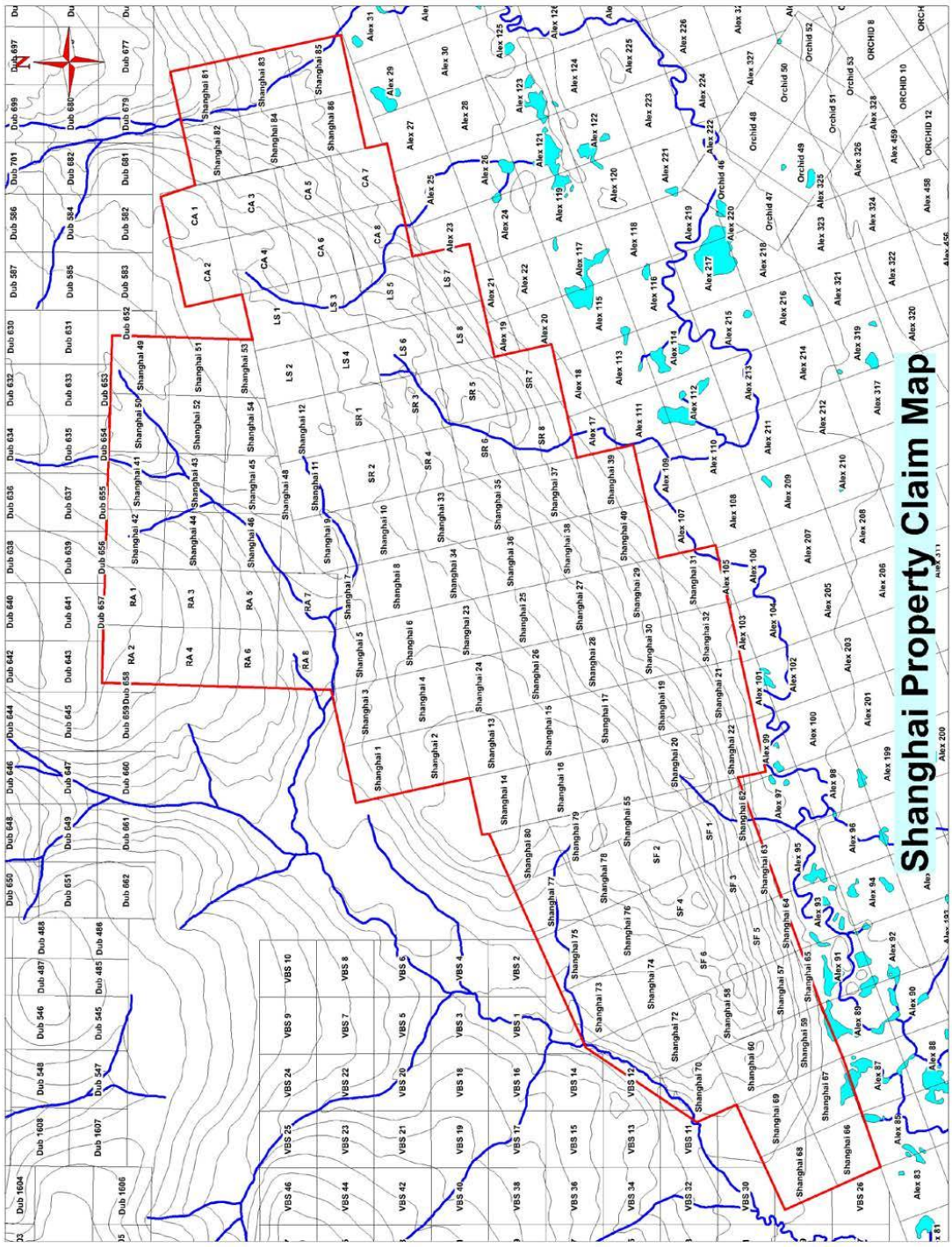
Figure 1: Location Map



Location Map plus Claims in Surrounding Area

Figure 1

Figure 2: Shanghai Claims



6 Geology

6.1 REGIONAL GEOLOGY

The Shanghai Creek property is located in the western part of the Selwyn Basin, in the Stewart Plateau physiographic region. The Shanghai property is located on the northern portion of map area 105 M-13. Rocks underlying this region are part of the more extensive North American shelf platform sediments of Selwyn Basin. (Figure 3).

Startigraphy in the area consists of Mississippian Keno Hill Quartzites, with foliated concordant podiform to lenticular bodies of fine to medium grained green amphibolite-chlorite-plagioclase meta diorite or metagabbro. The Keno Hill Quartzites form the core of the McQuesten Anticline which is structurally overlain by older Upper Proterozoic Yusezyu Formation foliated and lineated muscovite chlorite phyllite, quartzofeldspathic and micaceous psammite, gritty psammite and rare calc-silicate rock and marble. The Upper Proterozoic sedimentary package is on the upper plate of the Robert Service thrust which is exposed on the Shanghai Creek property. Cretaceous Tombstone suite intrusions are localized along the trace of the Robert Service Thrust fault as small discreet stocks.

The polymetallic silver veins of the Keno Hill deposits are localized within the Keno Hill Quartzite on the southern limb of the McQuesten Anticline. Shanghai Creek property hosts similar polymetallic veins on the western portion of the claims.

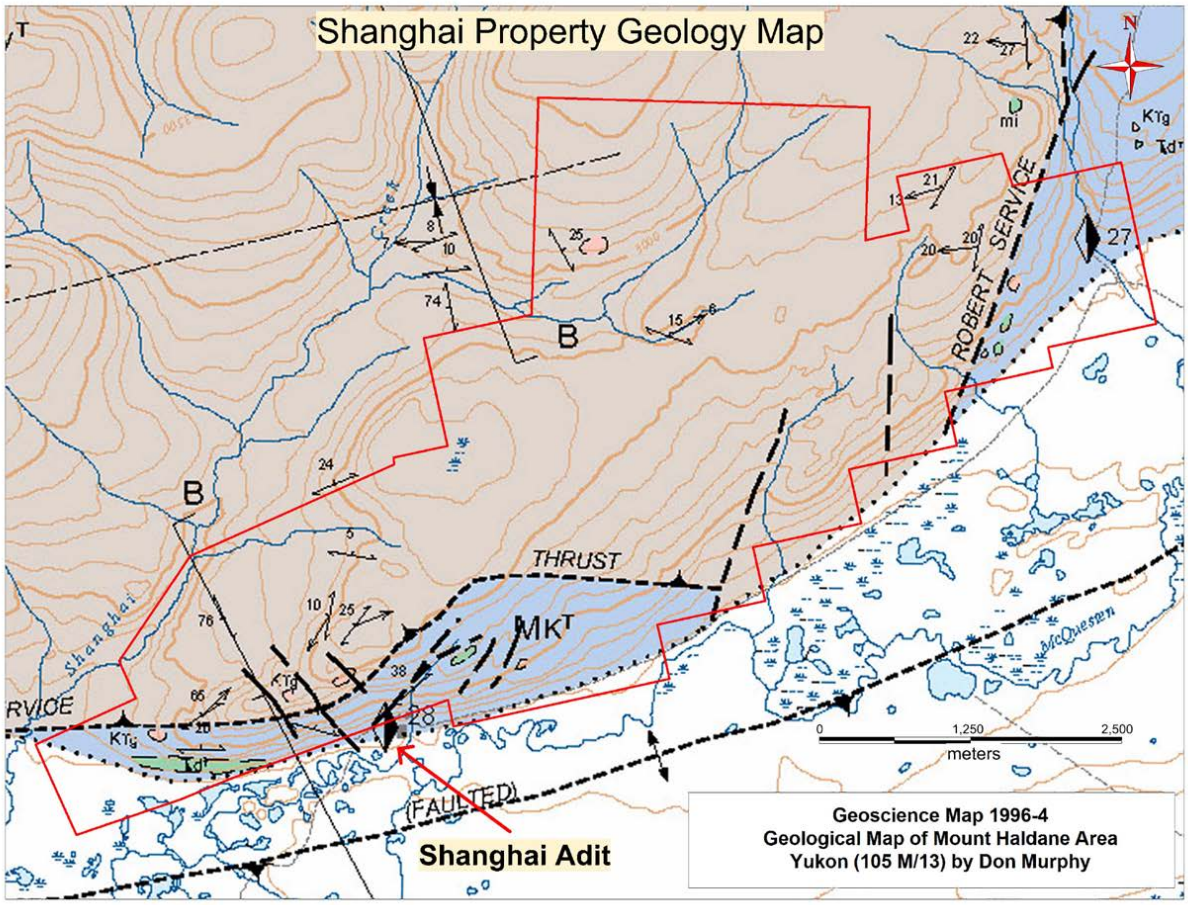
The Aurex and McQuesten properties are targets that have seen extensive exploration and drilling for Tombstone Suite intrusion related gold mineralization. Both Aurex and McQuesten properties are located on the southern limb of the McQuesten Anticline west of the Keno Hill deposits.

6.2 Property Geology

The geology of the Shanghai Creek property comprises Mississippian Keno Hill quartzites and Triassic meta-diorite and meta-gabbro overlain by Upper Proterozoic Hyland Group Yusezyu Formation phyllite and rare calc silicate rocks. The base of the slope on the north side of the South McQuesten River is a prominent regional thrust fault known as the Robert Service Thrust. The Yusezyu Formation is intruded by a minimum of seven small Cretaceous Tombstone Suite plugs, mostly located within a few meters of the trace of the Robert Service Thrust. These are the primary exploration target on the property.

YTG Geology Description

Figure 3: Property Geology



EARLY LATE CRETACEOUS (?)

TOMBSTONE INTRUSIONS[1]

KTg

KTg: buff to grey dykes, sills and small plugs of aplite and granite; locally quartz-, feldspar and/or biotite phyric, minor arsenopyrite.
KTl: rare fine- to coarse-grained light grey biotite lamprophyre dykes, locally feldspathic.

UPPER PROTEROZOIC

HYLAND GROUP[2]

PY

Yusezyu Formation[3] : foliated tan to grey meta-sandstone, muscovite-chlorite phyllite, blue-grey quartz and chalky white feldspar, pebbly meta-sandstone (grit), pebble meta-conglomerate and uncommon sandy marble.

TOMBSTONE STRAIN ZONE UPPER BOUNDARY

PY^T

Yusezyu Formation[3] : prominently foliated and lineated muscovite chlorite phyllite, quartzofeldspathic and micaceous psammite, gritty psammite and rare calc-silicate rock and marble PYy^T : mainly phyllite; PYp^T : mainly psammite. Diagonal ruling indicates areas of carbonate rock

ROBERT SERVICE THRUST

TRIASSIC

TRd^T

Foliation-concordant podiform to lenticular bodies of fine- to medium-grained green amphibole-chlorite-plagioclase meta-diorite or meta-gabbro[4]

MISSISSIPPIAN

KENO HILL QUARTZITE

MK^T

Keno Hill quartzite[5] : finely to coarsely foliated and lineated, light to dark grey, locally mottled vitreous quartzite, subordinate dark grey carbonaceous phyllite, and rare green-grey phyllite (felsic metavolcanic, possible infolds of DMEv^T) and calcareous quartzite

7 Work Performed

7.1 Geochemistry: Soil Survey

7.1.1 Introduction

The 2013 soil program consisted of sending a 4 man crew from mayo for a four day sampling program to collect 527 soil samples at 50m intervals on parallel traverses with 100m line offset. The survey lines were placed parallel to past year lines, and filled the area between two separate grids collected in 2011 in an effort to connect and further expand the gold and silver anomalies previously identified.

Sampling was started on 11 August, 2013 and finished on 14 August, 2013. The crew camped on site and walked out to grid lines.

7.1.2 Personnel

The survey was conducted by the following GroundTruth Exploration personnel:

1. Reuben French	Crew Boss
2. Dan Brown	Geo Technician
3. Robin Heavens	Geo Technician
4. Emile Beauregard	Geo Technician

7.1.3 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 Eijklcamp brand hand auger at a depth of between 20cm and 110cm. Samplers strive to consistently collect C-Horizon sample material. Where necessary (rocky or frozen ground) a prospector's pick ('mattock') is used to obtain the sample.

The soil is laid out on the sheet of plastic in the order it was recovered from the sample hole. 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 discression 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.

7.1.4 Soil Sampling Results

The new 2013 soil sampling outlined scattered gold - arsenic anomalies in the center part of the new soil grid and expanded the existing eastern gold - arsenic anomaly (Gold Map Figure 6, Arsenic Map Figure 7 and Gold Anomaly Map over Arsenic background Figure 10) .

Soil sampling also outlined another zinc (Figure 8), lead (Figure 9) soil anomaly located in the north central part of the new 2013 grid work. I plotted the lead points over the zinc background color map (Figure 9-B) with the projected Robert Service thrust fault (based on the ground magnetic survey) and it appears that the new background color zinc anomaly is following and extending the projected Robert Service Thrust Fault trend. If this is the case the lead- zinc soil anomaly would now have a 2000 meter trend.

7.2 Geophysics: High Resistivity DC Resistivity and IP Survey

7.2.1 Introduction

The purpose of the survey is to define the vertical structure and horizontal extent of mineralized fracture zones indicated in historic soil, trench and adit exploration.

Seven 415m parallel traverses were surveyed at a bearing of 328°Tn (parallel to soil traverses), with line offset of 50 – 100m for a total survey length of 2.9km (figure 4). Multiple arrays were used to ensure a robust and qualitative data set.

7.2.2 Personnel

The survey was conducted by the following GroundTruth Exploration personnel:

1. Chad Cote	Lead Geophysical Operator and Crew Chief
2. John McGrath	Geo Technician
3. Matthew Emmett	Geo Technician
4. Tyler Beck	Geo Technician
5. Robin Miller	Geo Technician

7.2.3 Survey Summary

The line-cutting and High Resolution DC ("HRDC") Resistivity ("Res") and Induced Polarization ("IP") surveys were conducted from 12 October to 18 October, 2013 on claims SF1, and Shanghai 62.

The survey is designed to investigate and delineate the ore zones identified by Silver Titans Mines (Report File #007486) in their historic 2250 drift.

There are 7 traverses: SHIIP13-01 to SHIIP13-07. These lines are parallel and mostly offset by 50m, except lines 01 and 02, which are offset by 100m (figure 3). All traverses are 415 meters long and composed of 84 electrodes with 5 meter electrode spacing. This gives the survey an optimal horizontal resolution of 2.5m and a maximum reading depth of 90m.

The survey lines were placed to gain structural information on the known geochemical anomalies and their surrounding geology. The survey started on line 3, which was estimated to be over the ore body indicated in drift 2250. We tested 3 arrays on this initial line to test which array would work best in order to choose the appropriate arrays to complete the remaining of the survey lines: Dipole-Dipole, Extended Dipole-Dipole, and Schlumberger Inverse.

The remaining traverses were surveyed using both the Dipole-Dipole and Inverse Shlumberger arrays as the best combination for the job. The Dipole-Dipole array is optimized to delineate vertical structures within the geology and is therefore more suited to finding the apparent dip of the underlying structures. The Inverse Shlumberger array is a sounding array optimized to delineate horizontal structures and has the best overall signal-to-noise ratio and the most lateral coverage. Resistivity and induced polarization measurements are taken at every reading to give complementing data.

All traverses are surveyed with ProMark3 differential GPS units and post processed using GNSS Solutions to obtain accurate horizontal and vertical position.

7.2.4 Field Survey Operating Procedures:

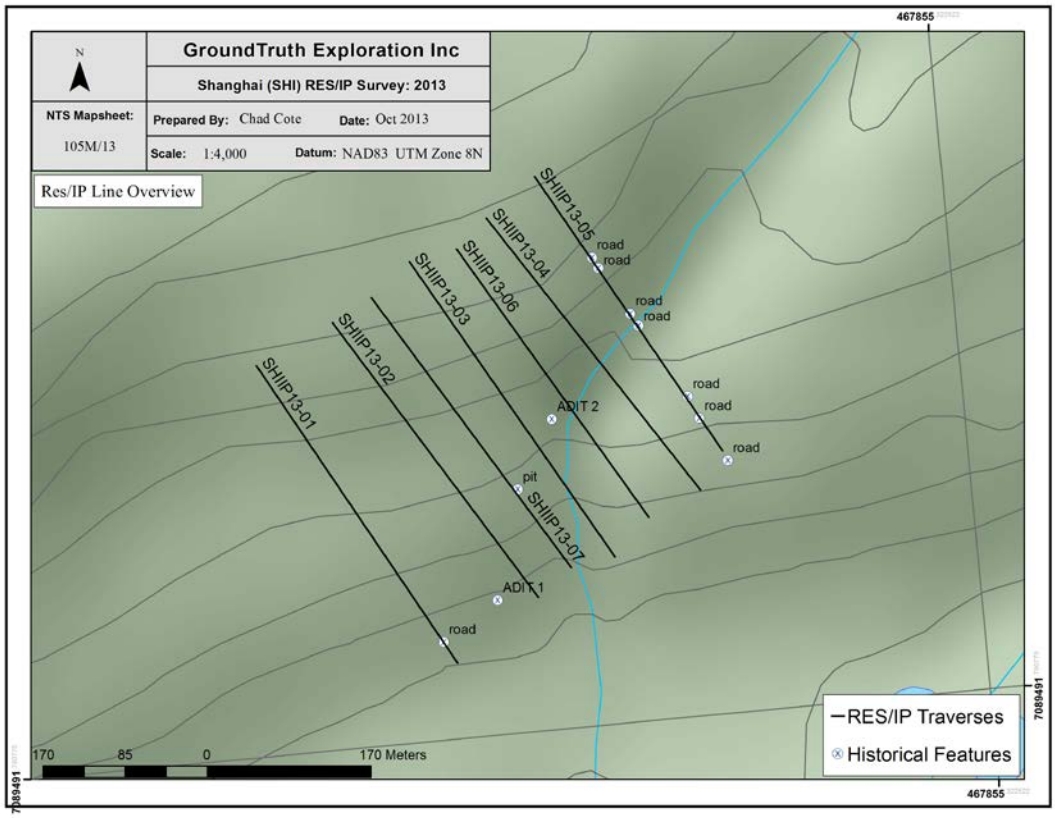
- A crew of 5 is utilized to run survey.
- The midpoint of a traverse is located and the line is sighted-in using a DGPS.
- Minimal brush is cut along line to sight pickets and lay cables
- Crew places electrode at 5m spacing with measuring tape
- Electrodes are hammered to a depth of 50cm (10% of electrode spacing)
- Cables are laid and attached to the electrodes
- Contact resistance test is conducted
- Calcium Chloride (25% solution) added to all electrodes >2k ohms. CRT reread.
- Extra electrodes added to high CR electrodes. CRT reread.
- With satisfactory Contact Resistance, Survey is Read.
- Operator surveys the traverse using DGPS and marks the traverse with pickets every 50m.
- Crew cuts and prepares the next line.

7.2.5 Data Processing

The collected data is downloaded in the field after every array and checked for integrity. This allows any field errors to be identified before moving the equipment. The RES/IP data is processed daily by the lead operator using EarthImager2D software provided by Advanced Geosciences Inc. Resistivity data-misfits are removed and the cleaned data-set is inverted. The same process is done with the IP data. Terrain corrections collected using a differential GPS are applied to the inversions. The DGPS data is processed using GNSS Solutions software. A .csv is created containing the DGPS traverse points collected. All instrument raw data from the DGPS and SuperSting are archived.

An ESRI shape file is created containing the traverse points collected.

Figure 13: IP Lines and Electrode Location



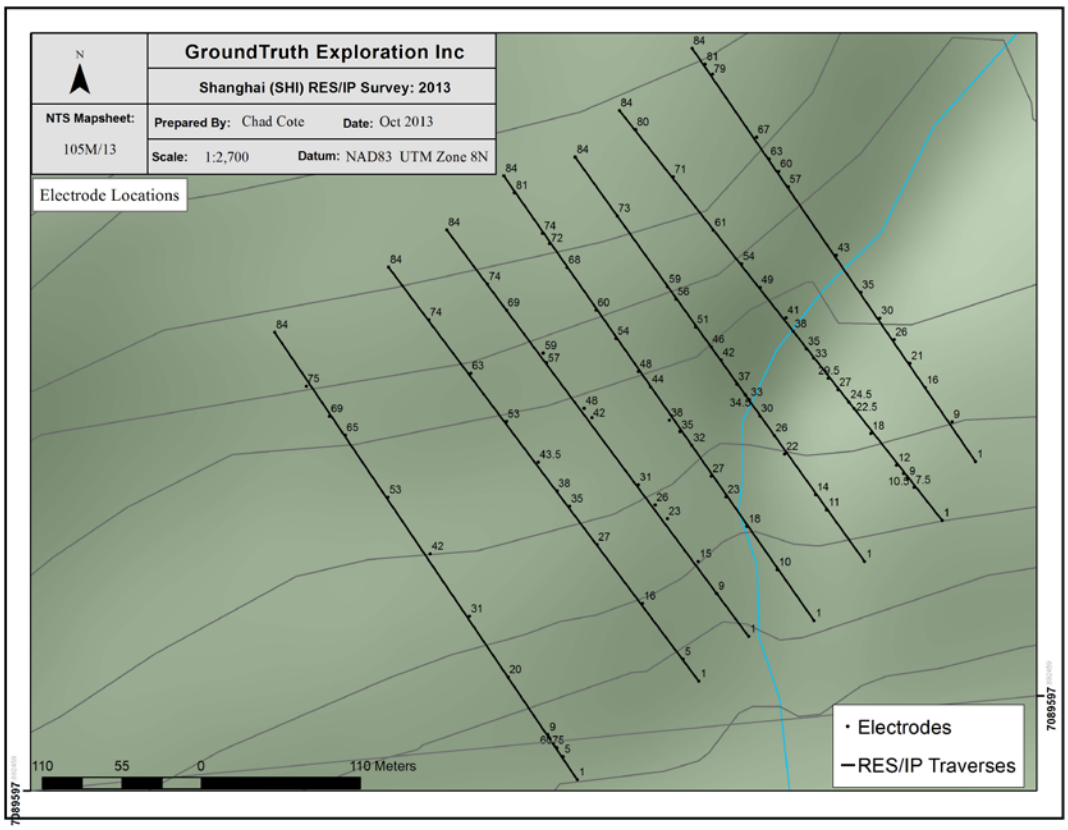


Figure 14: IP Electrode locations

7.2.6 Survey Results

Standard pseudo-sections are provided in conjunction with inversions in order to cross reference the raw data with the inversion for the best interpretation of the data possible.

Contact resistance was variable throughout the survey area. The main complications were many cliff bands resulting in both difficult terrains to run the survey, but also poor contact in the outcrop. Lines 02 to 07 had difficulty obtaining quality readings at depth and in the upper address section while reading with the Dipole-Dipole array, but show strong signal-to-noise ratio while reading the Schlumberger Inverse array. This was particularly true for the chargeability results.

The IP response tends to show as vertical oriented anomalous highs, with anomalous readings in the range of 75-100mV/V.

The resistivity is dominated by a zone of near surface high resistivity (1,000-50,000 Ohm-m), underlain by a unit of low resistivity (0-1,000 Ohm-m), with vertical chutes of high or low resistivity running throughout.

A plan map would be a useful tool to commission as it makes comparing the RES/IP to MAG and Soils much easier.

7.2.7 Survey Interpretation

I reviewed all the pseudo section of the dipole-dipole, inverse schlumberger and we also merged both array together and re-inverted them to see if we could produce better results with the noise situation. It worked in a few case and this is my interpretation.

The main objective of the survey was to see if we could understand the bedrock under the anomalous lead-zinc soil anomalies. What was observed on Line 5 that surveyed over a historical geology cross section was that the favorable geological unit (Keno Hill Quartzite) is a resistivity high and the less favorable unit (Hyland Group Meta-Sediments schist type) is a resistivity low.

These observations help with mapping two quartzite units running in a north east trend with the northern quartzite unit measuring roughly 50-60 meters wide and the southern quartzite unit measuring roughly 100 meters wide.

I then proceeded to plot out the chargeability high anomalies that were sitting in or around the quartzite units. What appeared were 5 distinct bands (Figure 12-B) and four one line chargeability hits?

Four of these chargeability anomalies are either right in the quartzite units or right along the contact. These four chargeability high and three single line highs all represent high probability targets for future follow up work.

7.2.8 Figures

This report will present the inverted pseudo section that I used to created interpretation on Figure 12 and 12-B. I will post the best of the pseudo section for resistivity and for the changeability measurements. If one wants to review all inverted section (42 of them, 6 per line) please refer to the data disk provide.

7.3 Geophysics: Total Field Ground Magnetic Survey

7.3.1 Introduction

The main purpose of the magnetic survey was to define geological contacts and trends throughout the property area.

7.3.2 Personnel

Mark Dauphinee	Magnetic Survey Operator

7.3.3 Survey Summary

The magnetic survey ran from the western portion of the property and extended over the historical trenches and drifts. The survey was conducted from the 12th of October to the 18th of October, 2013. A total of 45.5 km was surveyed with 21 lines at 800m long and spaced at 100m and 25 lines at 1km and spaced at 50m. All lines were parallel and oriented at 328°TN.

The survey took place on claims:

Shanghai 17 - 22, YC11658-663
Shanghai 55 - 60, YC11696-701
Shanghai 61 - 63, YC57330-332
Shanghai 67, YC57562
Shanghai 69, YC57564
SF1-6, YC11636-641

The survey was run in walk mode taking reading at 1 second intervals along the survey line. Data was corrected for diurnal variation each night with the use of a base station.

Extreme terrain in the form of many cliffs spread throughout the property and 6-10inches of snow caused a reduction in production with an average of 7.5km/day.

Total Field Ground Magnetic survey lines are approved by client prior to survey.

7.3.4 Field Survey Operating Procedures

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

Field Magnetometer Observation Frequency: 1 reading per second.

Base Station Magnetometer: Set to record an observation every 10 seconds for the duration of the survey.

- Operator uploads survey grid endpoints to Field magnetometer unit
- The base station is established in an accessible location that will not be disturbed on or near the survey site.
- Base station site is marked with a picket and location recorded for future use.
- Operator runs survey with internal GPS recording position and navigates survey lines using internal mag GPS.
- At end of day each survey day, Operator downloads Field and Base magnetometers, processes diurnal corrections and plots survey to assess data quality.

7.3.5 Survey Equipment

The following equipment was used for the completion of the survey:

Magnetometer Field Unit:	GEM Systems GSM-19T Proton Magnetometer
Base Station:	GEM Systems GSM-19T Proton Magnetometer
Processing:	Laptop computer
Software:	GEM Link software for mag upload/download
	Mapinfo-Discover for diurnal correction/plotting

7.3.6 Data Processing

The Total Field Magnetic survey data is georeferenced to NAD83 UTM projected coordinates using the internal GPS in the field magnetometer. Base and rover magnetometers are synchronized to GPS time prior to each survey day. An appropriate reference field is chosen based on International Geomagnetic Reference Field (IGRF) calculations. Temporal geomagnetic variation is removed by linear interpolation using the base station data. Corrected data is screened for noisy or erroneous values and is then plotted.

7.3.6.1 Standard data output:

Magnetic: RAW data from base and field magnetometer (.csv)

CORRECTED Total Field Mag data files projected to XYZ locations (.tab format)

CORRECTED Total Field Mag figures of gridded data(.jpg and geotiff format)

7.3.7 Survey Results

The results of the magnetic survey indicate (Figure 4) two distinct magnetic low-high areas. One is the western and southern part (valley bottom) of the survey area is sitting in a magnetic low which represent most likely Keno Hill Quartzite's and the north-central and north-eastern part of the survey area is a magnetic high area which corresponds to the regional mapped Hyland group meta Sediments.

There seem to be distinct fault like contact following the contact of both units which most likely represent the Robert Thrust Fault (Figure 4-B).

Now I plotted the zinc soil anomalies on the magnetic structural map (Figure 4-C) and you can see a nice correlation with the anomalous zinc values and the proposed Robert Service Thrust fault

I also plotted on Figure 4-D the anomalous gold in soil results over the structural interpretation magnetic map and one can see a nice correlation with a potential secondary thrust fault structure or splay of the main Robert Service Thrust fault.

There were some difficulties leveling the mag results between some days. It is recommended to run three tie lines in order to increase the quality of this survey and tease out the subtle and narrow lineaments that coincide with the geochemical lead-zinc-silver anomaly.

8 Recommendation

It is recommended to extend the Magnetic survey east along strike and completely cover all anomalous areas as delineated by the soil sampling grid-work. In addition to an expansion, 2 tie lines should be run over the existing work to help with leveling the data; these should be used in conjunction with future work to ensure a seamless overall product.

It would be advisable to continue the RES/IP survey to the east as well to further define the geological structure and potential ore zone. Parallel lines crosscutting the narrow east-west MAG lineation would be an important part of the grid expansion and should be treated as a priority.

Another detail phase of soil sampling (25 meter station spacing) around the new gold and zinc anomalies would help in pinning down the narrow north-east trending linear anomalies.

I would also recommend a small RAB drilling program on the Chargeability high anomalies outline in this report (Figure 12 and 12-B).

9 Statement of Costs

9.1 Expenses:

9.1.1 Soil Sampling (526 Samples)

Field Expenses (GroundTruth Exploration Invoice #GT-SRY2013-05-B)	$ 13,475.91
Helicopter (Trans North Helicopters Invoice # 57286 - # 55120)	$ 5,779.78
Acme Labs Invoice #VANI177277	$ 6,027.84
Acme Labs Invoice #VANI177276	$ 3,880.42

9.1.2 Geophyiscal Surveys

Field Expenses (GroundTruth Exploration Invoice #GT-SRY2013-18-B)	$41,636.91
Horizon Helicopters Invoice #511	$ 5,068.04
Report	$ 1,000.00
Total Eligible Assessment costs:	**$76,868.90**

10 References

Regional Geology: Gordey, S.P. and Makepeace, A.J. (comp.) 1999: Yukon bedrock geology in Yukon digital geology, S.P. Gordey and A.J. Makepeace (comp.); Geological Survey of Canada Open File D3826 and Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1999-1(D)

Airborne Geophysics: Lowe, C., Miles, W., and Kung, R. and Makepeace, A.J. 2003: Aeromagnetic data over the Yukon Territory in Yukon digital geology, Version 2.0, S.P. Gordey and A.J. Makepeace (comp.); Geological Survey of Canada Open File 1749 and Yukon Geological Survey Open File 2003-9(D)

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

Yukon Terranes: Colpron, M. and Nelson, J.L., 2011. A Digital Atlas of Terranes for the Northern Cordillera. Accessed online from Yukon Geological Survey (www.geology.gov.yk.ca), September 23, 2011

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

11 Qualification

I Shawn Ryan located in Dawson City, Yukon work as a professional prospector. I run a small exploration company located in Dawson city.

I have worked in the exploration business for the last 30 years. I worked the first 12 years as a contractor working on numerous projects in the NWT, Ontario, Quebec and the Yukon. I have worked for the last 17 years as an independent prospector based out of Dawson City.

I have overseen the Shanghai Project.

I own 100 % of the Shanghai claims.

Dated this 29 of January 2014 in Whitehorse, Yukon.

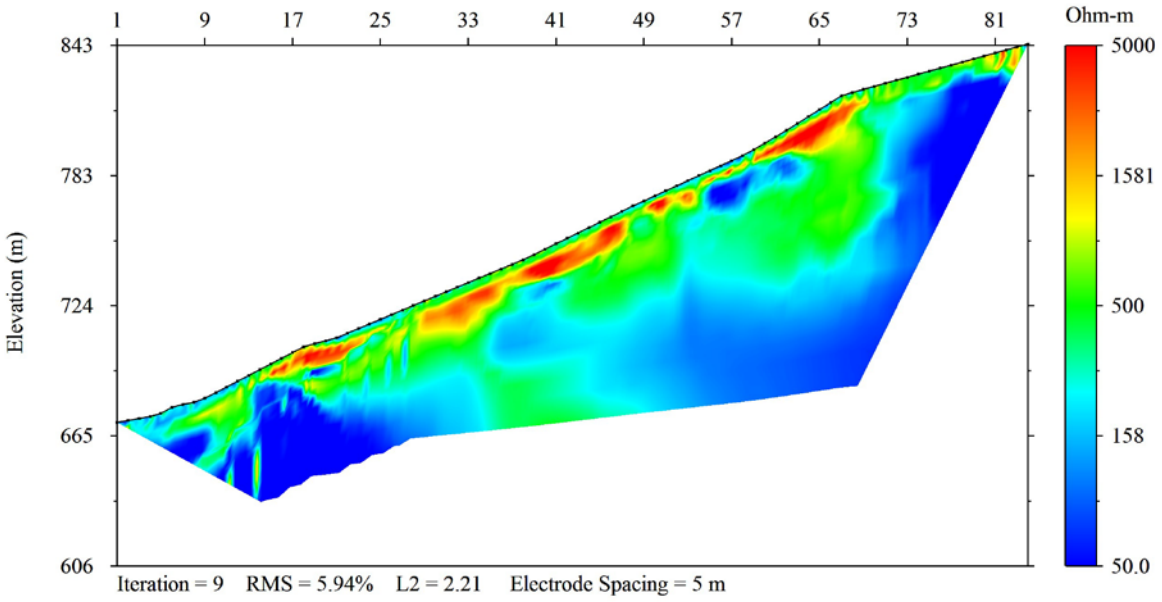
Respectfully submitted

Shawn Ryan

Appendix A: RES/IP Inversions

Line SHIP13-01

SHIIP13-01. Inverted Resistivity Section: Si-3



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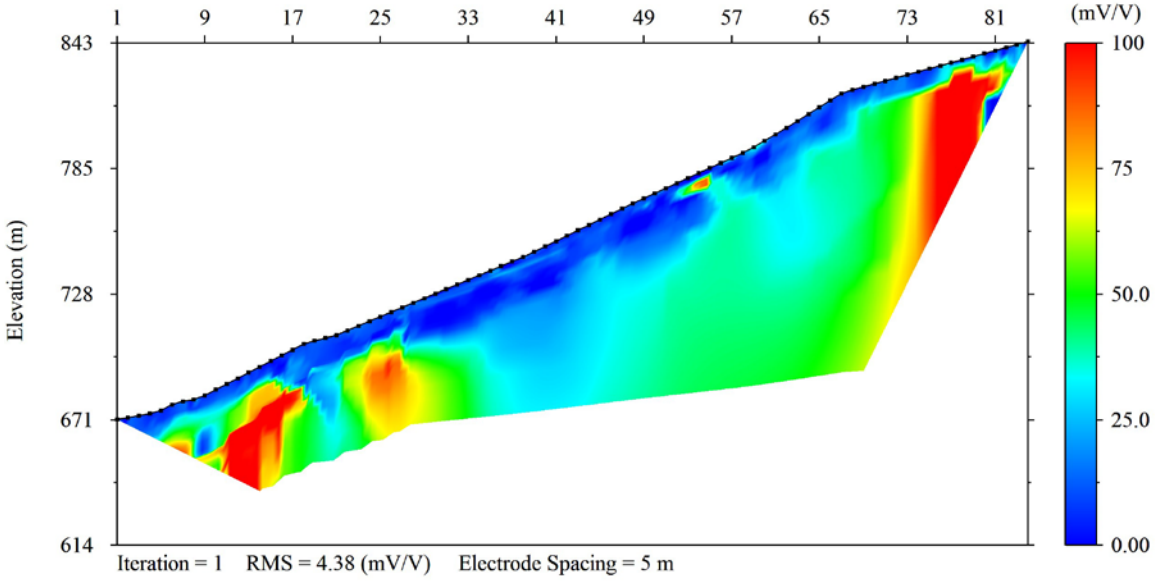
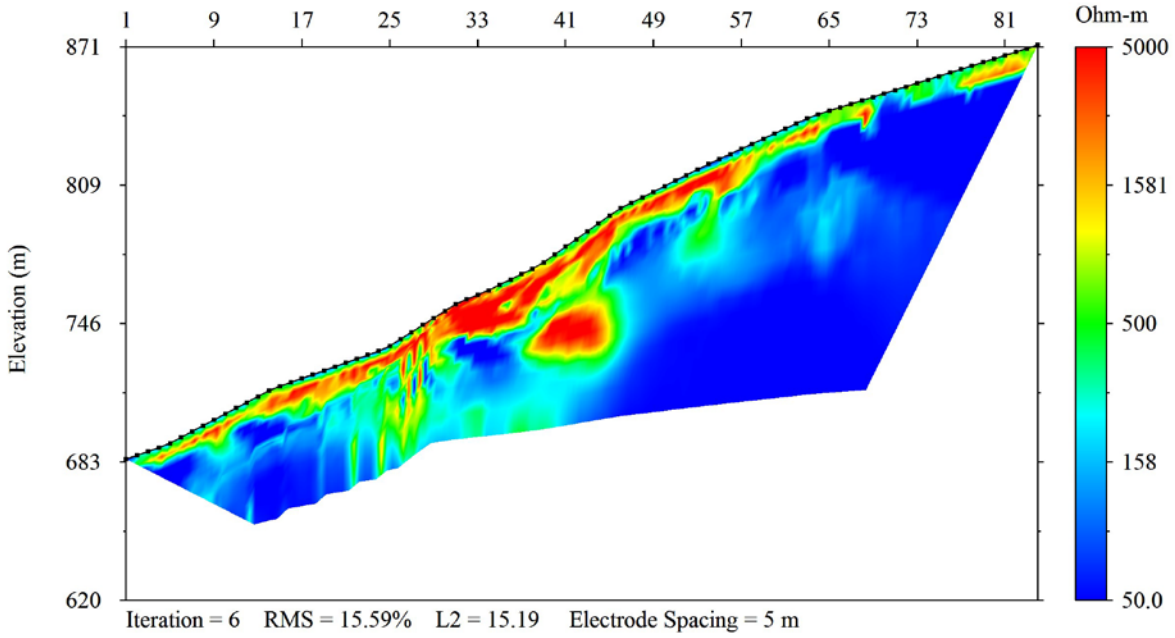


Line SHIP13-02

Inverted Resistivity Section



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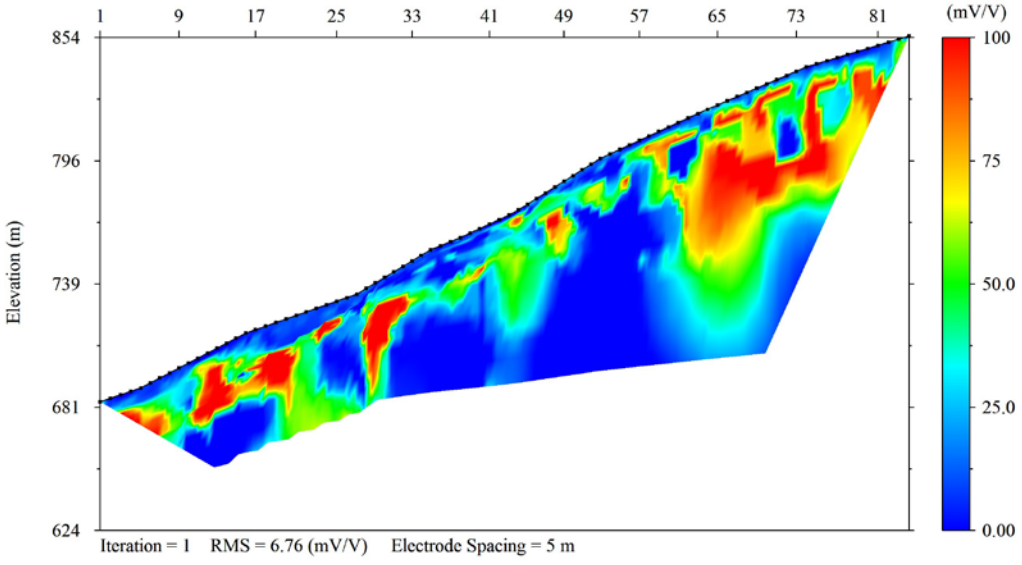
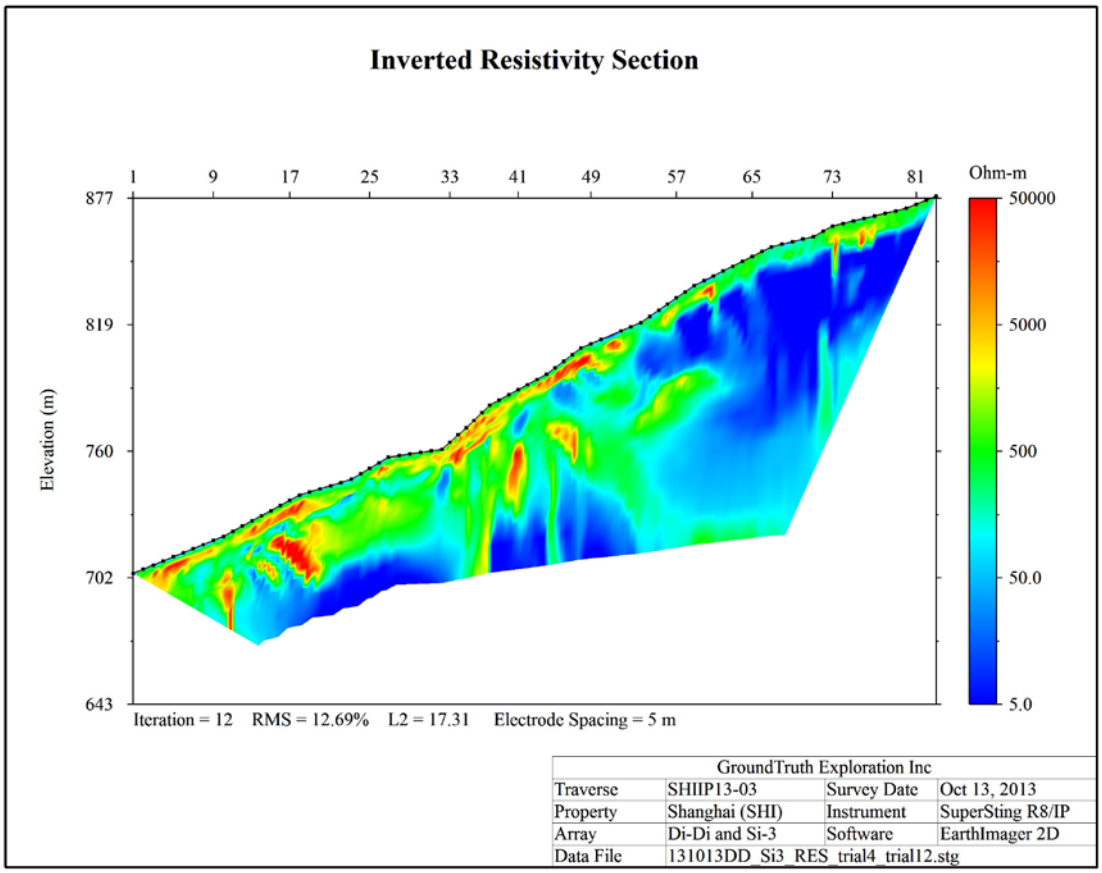
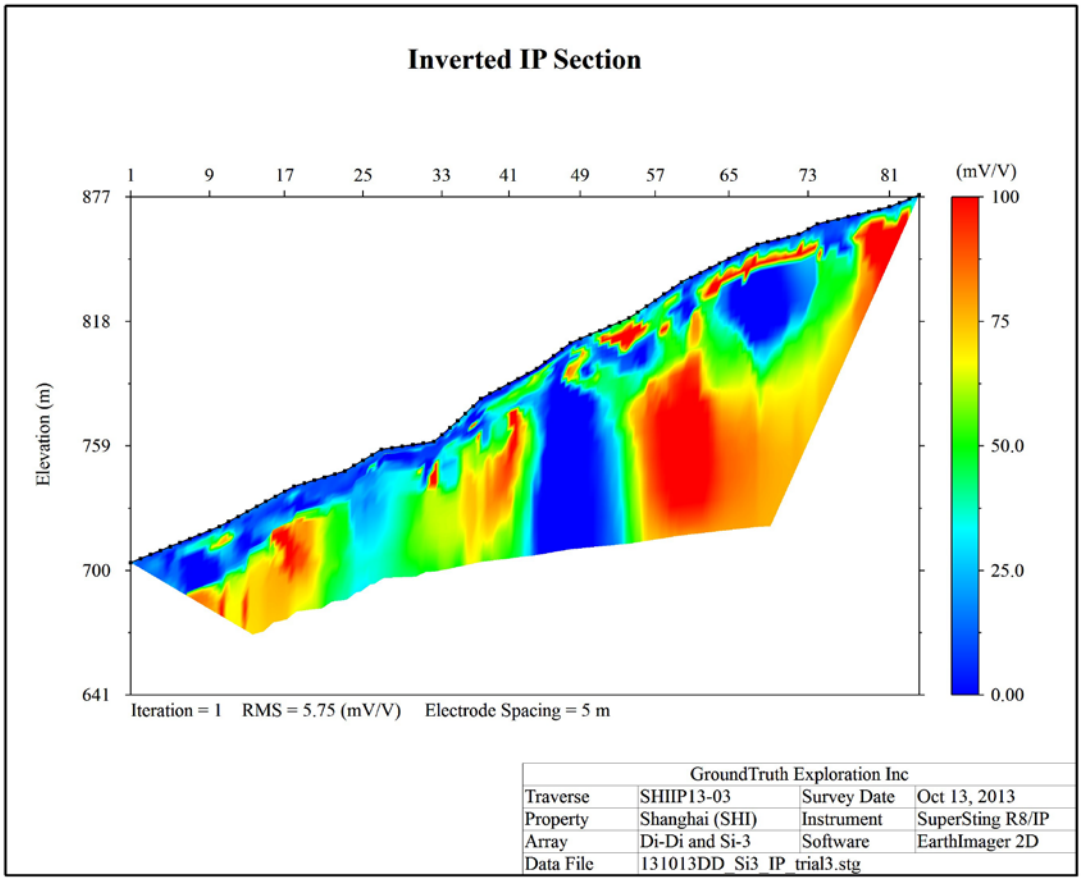


GroundTruth Exploration Inc			
Traverse	SHIIP13-02	Survey Date	Oct 14, 2013
Property	Shanghai (SHI)	Instrument	SuperSting R8/IP
Array	Di-Di and Si-3	Software	EarthImager 2D
Data File	131014DD_Si-3_IP_trial6.stg		

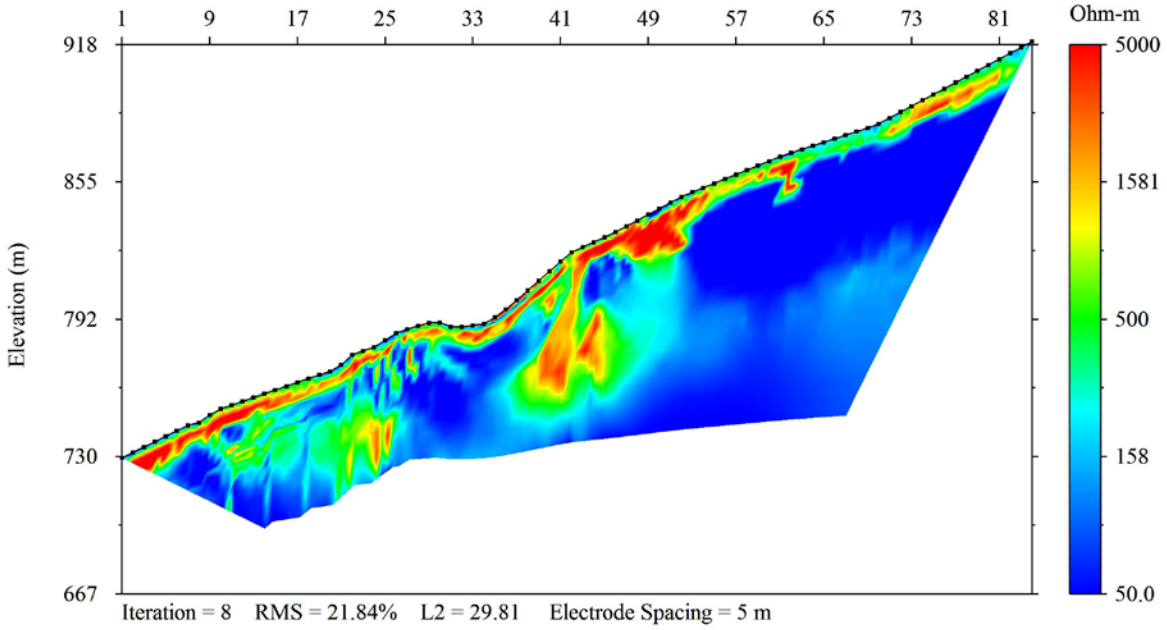
Line SHIP13-03





Line SHIP13-04

Inverted Resistivity Section



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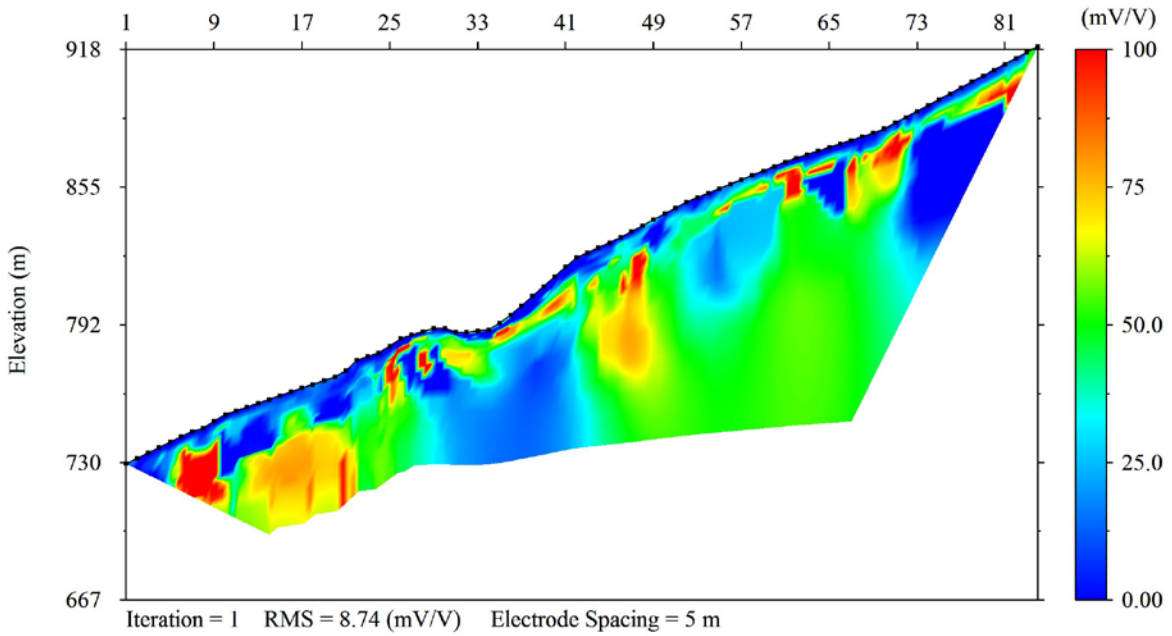
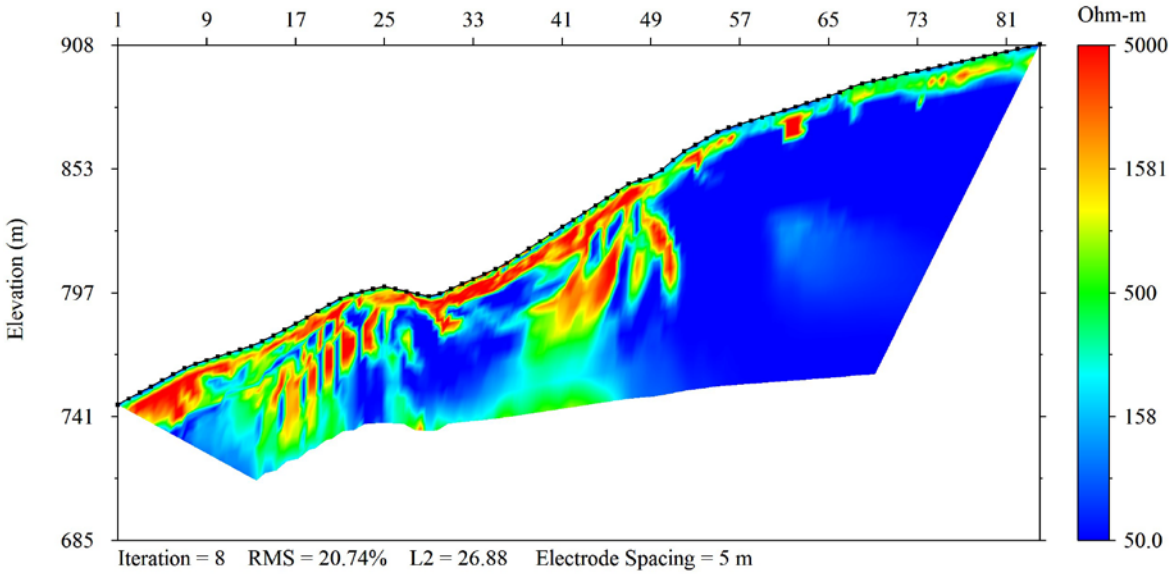
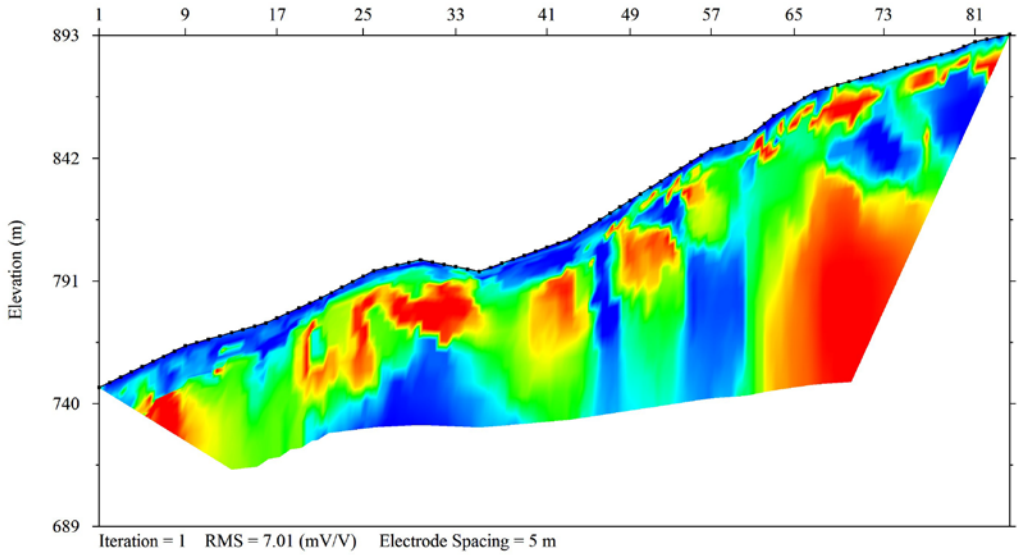


Line SHIP13-05

Inverted Resistivity Section



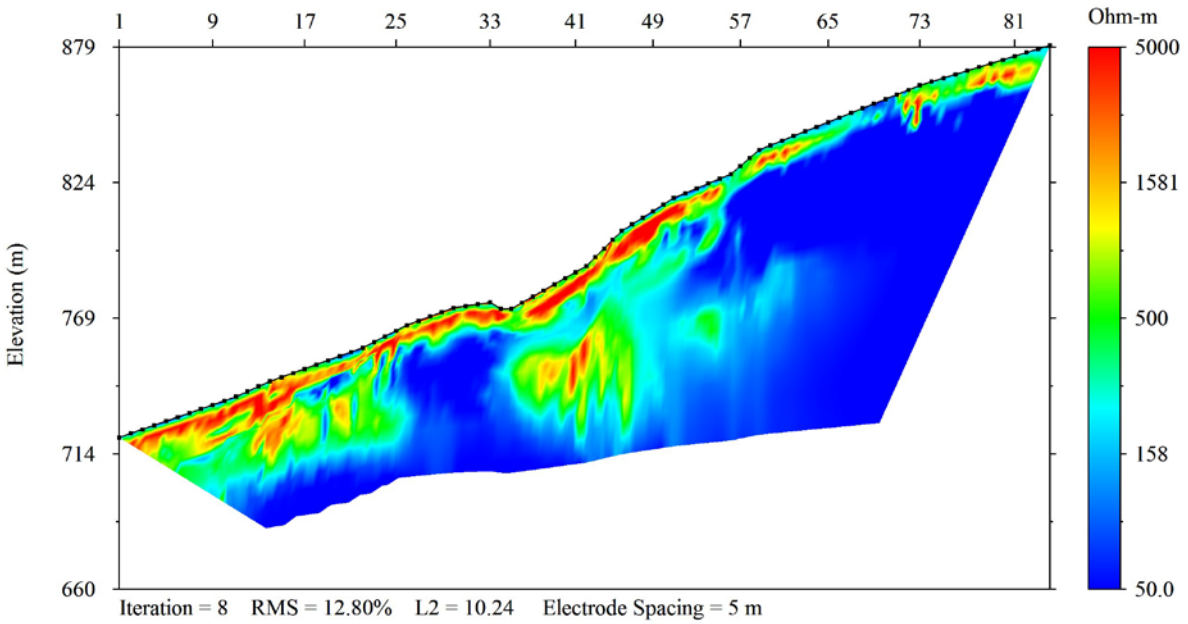
Inverted IP Section



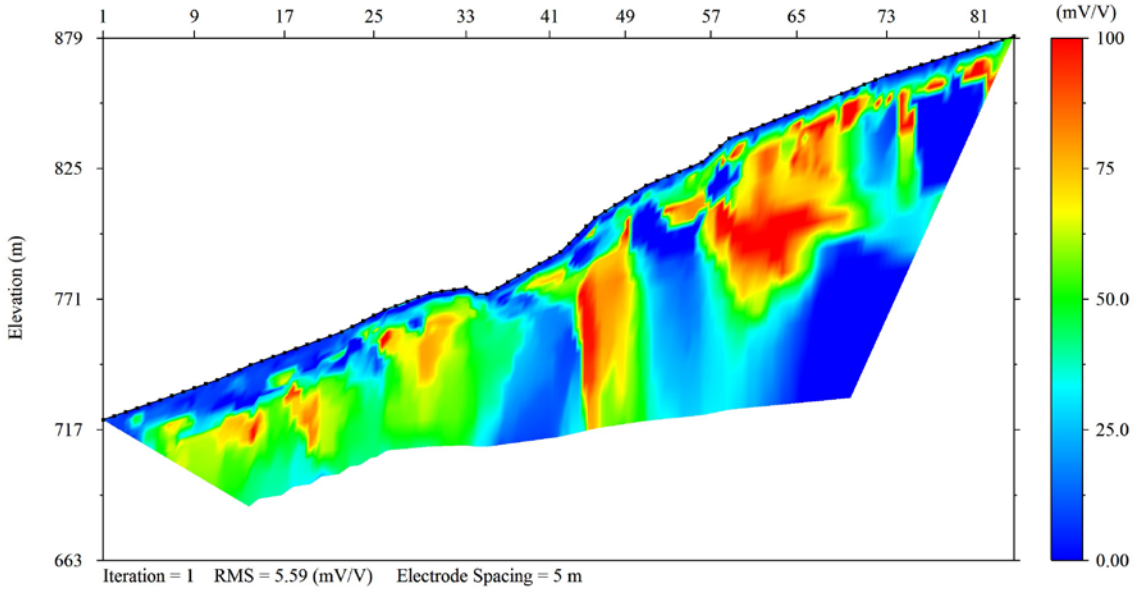
GroundTruth Exploration Inc			
Traverse	SHIIP13-05	Survey Date	Oct 16, 2013
Property	Shanghai (SHI)	Instrument	SuperSting R8/IP
Array	Di-Di and Si-3	Software	EarthImager 2D
Data File	131016DD_Si3_IP_trial9.stg		

Line SHIP13-06

SHIIP13-06. Inverted Resistivity Section: Si-3

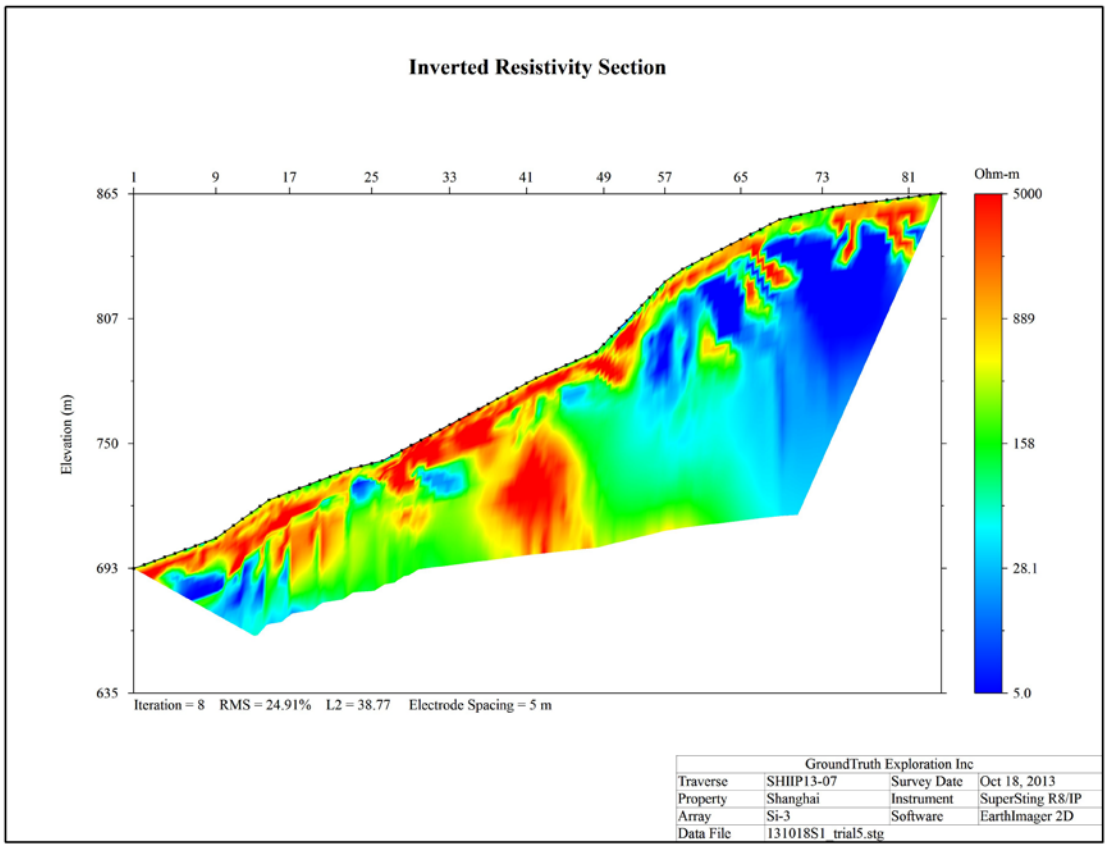


Inverted IP Section

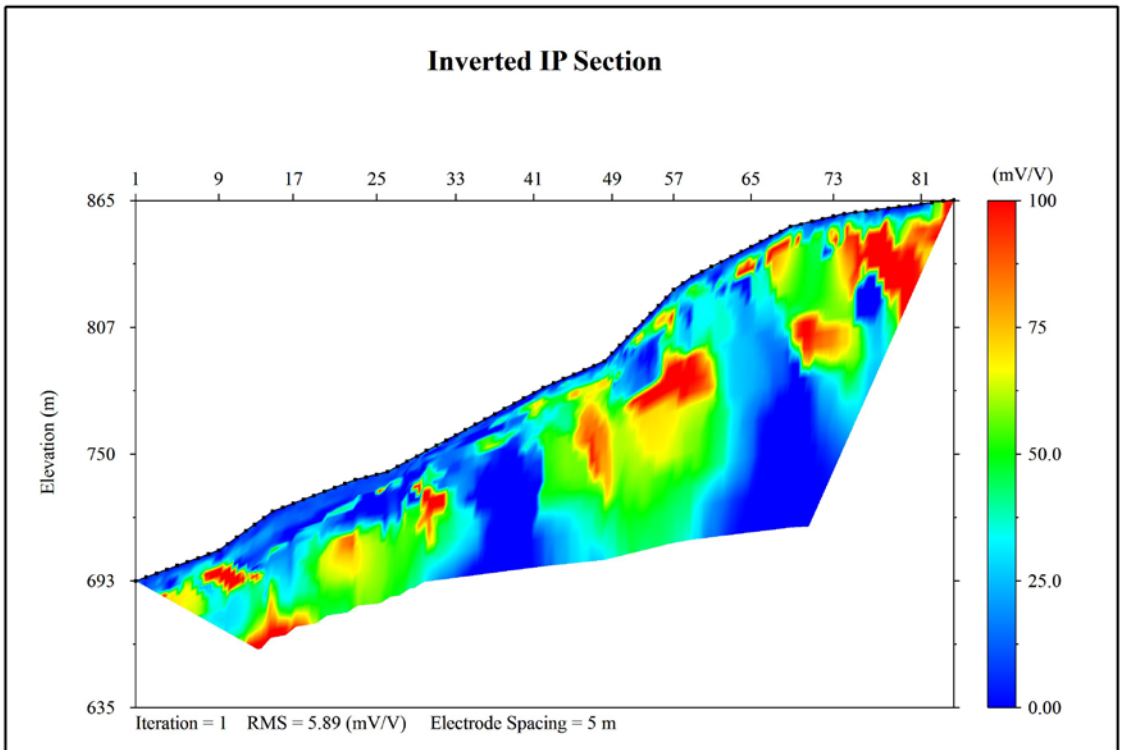


GroundTruth Exploration Inc			
Traverse	SHIIP13-06	Survey Date	Oct 17, 2013
Property	Shanghai (SHI)	Instrument	SuperSting R8/IP
Array	Di-Di and Si-3	Software	EarthImager 2D
Data File	131017S1DD_Si3_IP_trial4.stg		

Line SHIP13-07



GroundTruth Exploration Inc			
Traverse	SHIIP13-07	Survey Date	Oct 18, 2013
Property	Shanghai	Instrument	SuperSting R8/IP
Array	Si-3	Software	EarthImager 2D
Data File	131018S1_trial5.stg		



GroundTruth Exploration Inc			
Traverse	SHIIP13-07	Survey Date	Oct 18, 2013
Property	Shanghai (SHI)	Instrument	SuperSting R8/IP
Array	Di-Di and Si-3	Software	EarthImager 2D
Data File	131018DD_Si3_IP_trial5.stg		

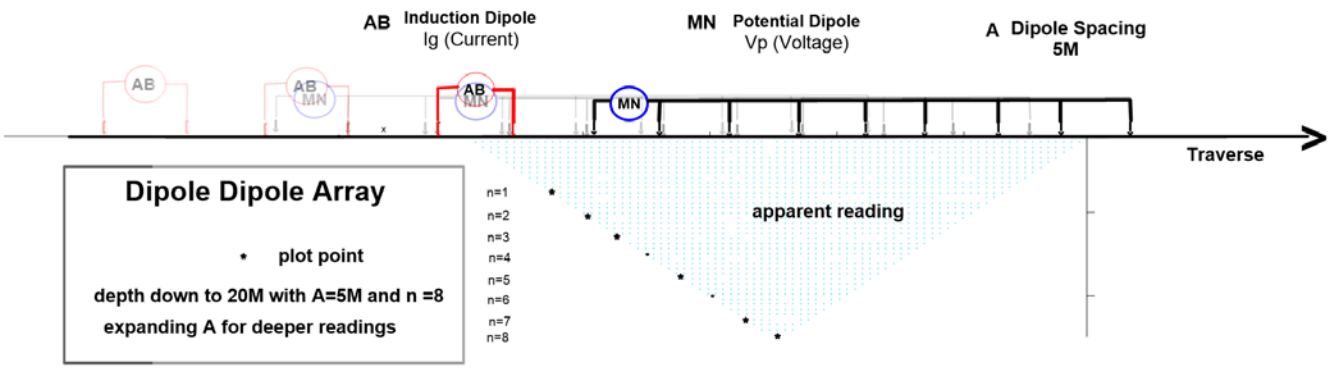
Appendix B: IP Equipment Specifications

SuperSting R1/IP technical specification

Measurement modes	Apparent resistivity, resistance, self potential (SP), induced polarization (IP), battery voltage
Measurement range	+/- 10V
Measuring resolution	Max 30 nV, depends on voltage level
Screen resolution	4 digits in engineering notation
Output current	1mA – 2 A continuous, measured to high accuracy
Output voltage	800 Vp-p, actual electrode voltage depends on transmitted current and ground resistivity
Output power	200 W
Input gain ranging	Automatic, always uses full dynamic range of receiver
Input impedance	>20 MΩ
SP compensation	Automatic cancellation of SP voltages during resistivity measurement. Constant and linearly varying SP cancels completely.
Type of IP measurement	Time domain chargability (M), six time slots measured and stored in memory
IP current transmission	ON+, OFF, ON-, OFF
IP time cycles	0.5, 1 , 2 , 4 and 8 seconds (combined resistivity/IP mode)
Measure cycles	Running average of measurement displayed after each cycle. Automatic cycle stop when reading errors fall below user set limit or user set max cycles are done.
Resistivity time cycles	Basic measure time is 0.4, 0.8, 1.2, 3.6, 7.2 or 14.4 seconds as selected by user via keyboard, autoranging and commutation adds about 1.4 s.
Signal processing	Continuous averaging after each complete cycle. Noise errors calculated and displayed as percentage of reading. Reading displayed as resistance (ΔV/I) and apparent resistivity (Ωm). Resistivity is calculated using user entered electrode array coordinates.
Noise suppression	Better than 100 dB at f>20 Hz Better than 120 dB at power line frequencies (16 2/3, 20, 50 and 60 Hz) for measure cycles of 1.2 s and above
Total accuracy	Better than 1% of reading in most cases (lab measurements). Field measurement accuracy depends on ground noise and resistivity. Instrument will calculate and display running estimate of measuring accuracy.
System calibration	Calibration is done digitally by the microprocessor based on correction values stored in memory.

Supported manual	Resistance, Schlumberger, Wenner, dipole-dipole, pole-dipole, pole-pole, SP-absolute, SP-gradient
Operating system	Stored in re-programmable flash memory. New version can be downloaded from our web site and stored in the flash memory.
Data storage	Full resolution reading average and error are stored along with user entered coordinates and time of day for each measurement. Storage is effected automatically in a job oriented file system
Data display	Apparent resistivity (Ohmmeter), injected current (mAmp) and measured voltage (mVolt) are displayed and stored in memory for each measurement
Memory capacity	The memory can store 24,468 measurements in Resistivity Mode and 14,966 measurements in combined Resistivity/IP Mode
Data transmission	RS-232C channel available to dump data from the instrument to a Windows type computer on user command.
Automatic multi-electrodes	The SuperSting is designed to run dipole-dipole, pole-dipole, pole-pole, Wenner and Schlumberger surveys including roll-along surveys completely automatic with the Swift Dual Mode Automatic Multi-electrode system (patent 6,404,203) or with switch box and passive cables. The SuperSting can run any other array by using user programmed command files. These files are ASCII files and can be created using a regular text editor. The command files are downloaded to the SuperSting RAM memory and can at any time be recalled and run. Therefore there is no need for a fragile computer in the field.
Manual measurements	The instrument has four banana pole screws for connecting current and potential electrodes during manual measurments
User controls	20 key tactile, weather proof keyboard with alpha numeric entry keys and function keys. On/off switch. Measure button. LCD night light switch (push to light).
Display	Graphics LCD display (16 lines x 30 characters) with night light.
Power supply, field	12V or 2x12 V DC external power (one or two 12 V batteries), connector on front panel.
Power supply, office	DC power supply
Operating time	Depends on survey conditions and size of battery used. Internal circuitry in auto mode adjusts current to save energy
Operating temperature	-5 to +50ºC
Weight	10.9 kg (24 lb.)
Dimensions	Width 184 mm (7.25"), length 406 mm (16") and height 273 mm (10.75

Appendix C: RES/IP Survey Theory



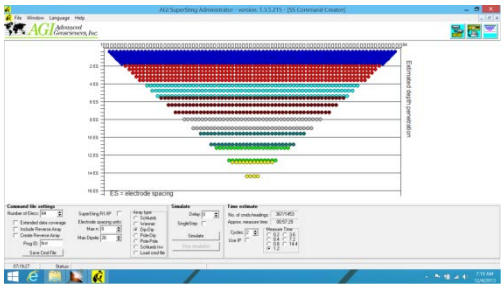
geometry

Most common of arrays, directional current inductions mainly favored to delineate bodies having dip(s). Current electrodes always lagging potential electrodes. Attention to current inductions direction important when interpreting data. Known to produce typical pant-leg anomalies when both AB and MN electrodes cross a zone.

Set-up

Once a designated traverse is located, 84 electrodes are put into the ground pre extending 6 x cables of 14 connections amounting to a **415M Traverse.** The **Supersting** Transmitter/ Receiver (Tx/Rx) along with power-pack and switch-box are always centrally positioned.

A designated Dipole Dipole Array command file was loaded in the Supersting performing:

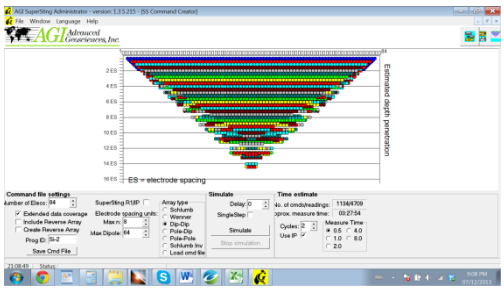


1453 sample points, with an estimated 57.29min lapse-time, Maximum n (depth level) kept at 8 for best Signal/Noise, and Maximum dipoles of 26.

AB: 5,10,15,20,25,and 30M**, 5 x expansions** reversed to traverse direction

MN: 5M till n=8, then 10M until n=8, then 20M until EOL

Extended Dipole Dipole

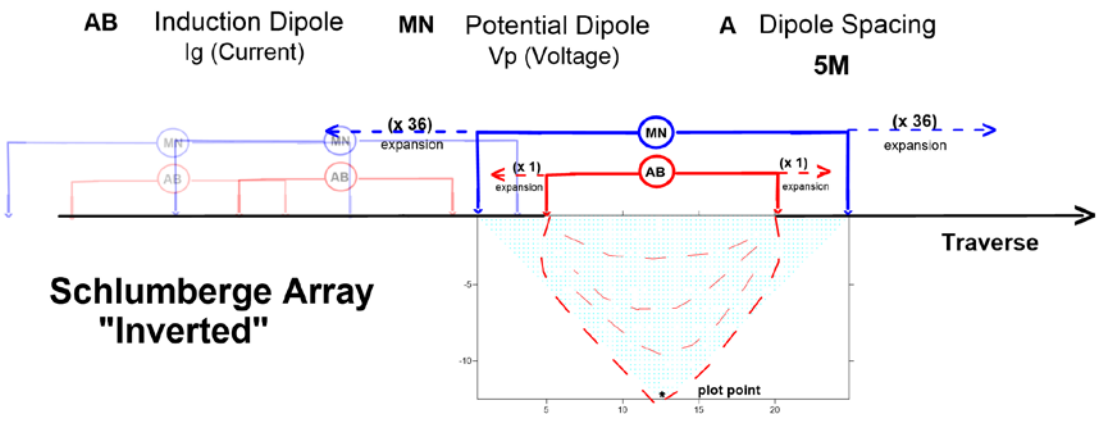


Extended Option

4709 sample points, with an estimated 3hr:27Min lapse-time. Maximum n (depth level) kept at 8 for best Signal/Noise, and Maximum Dipoles of 26.

AB: 5,10,15… up to95M, **19 expansions** reversed to traverse direction

MN: 5,10,15,25, and 50M, 5 x expansions. Also reversed when best-fit.



geometry

Symmetric, vertical sounding technique is reliable delineating axis of zones. Termed inverted because the original design of the Schlumberger has inducing current electrodes outside potential electrodes. Also very usefull isolating narrow, weak zones.

"Si-1" AB = 5M MN= 15M to 360M (36 expansions both directions). **Narrow Zones Favored.**

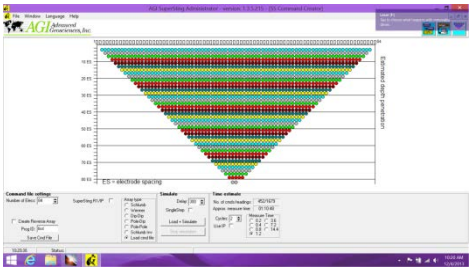
"Si-2" AB= 5M MN= 15M to 65M first four levels. **Shallow (limited depth extent) Zones Favored.**

AB=15M MN= 15M to 360M

"Si-3" AB= 5M to 95M and MN 15M to 360M. **Best penetration of all three.**

Set-up

Once a designated traverse is located, 84 electrodes are put into the ground pre extending 6 x cables of 14 connections amounting to a **415M Traverse.** The **Supersting** Transmitter/ Receiver (Tx/Rx) along with power-pack and switch-box are always centrally positioned.



A designated Schlumberger Array command file was loaded in the Supersting performing:

1679 sample points, with an estimated 80:48min lapse-time, Maximum n kept at 8 (for best Signal/Noise), and Maximum dipoles of 26.

sample_id	project	sample	zone	easting	northing	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1339252	SHI	SOIL	8	469799	7091689	1.6	42.4	33.7	86	0.4	35	13	648
1339253	SHI	SOIL	8	469805	7091666	2.3	50.7	38.6	112	0.6	33.8	12.4	507
1339254	SHI	SOIL	8	469815	7091640	1.3	40.7	17.1	66	0.3	28.6	9.9	368
1339255	SHI	SOIL	8	469822	7091617	1.2	30.6	16.9	68	0.2	26.4	9.9	426
1339256	SHI	SOIL	8	469833	7091593	0.9	23.4	13.4	53	0.2	20.6	8.9	423
1339257	SHI	SOIL	8	469840	7091569	1.2	27.1	13.1	64	0.2	23.8	8.8	415
1339258	SHI	SOIL	8	469846	7091547	12.2	71	18.1	86	0.2	39.5	14	1597
1339259	SHI	SOIL	8	469855	7091522	3.7	50.6	15.6	57	0.2	26.8	10.3	1173
1339260	SHI	SOIL	8	469863	7091499	3	36.4	24.4	109	0.3	44	17.5	363
1339261	SHI	SOIL	8	469872	7091477	3	26.6	17.5	71	0.2	24.5	9.3	202
1339262	SHI	SOIL	8	469881	7091452	2	40.1	24.6	71	0.3	29.1	10.1	335
1339263	SHI	SOIL	8	469887	7091427	2	52.4	24.4	95	0.4	40.2	11.1	376
1339276	SHI	SOIL	8	469897	7091405	2.4	77.5	23.6	117	0.5	46.2	13.4	805
1339277	SHI	SOIL	8	469904	7091381	2.3	74.7	22.4	107	0.4	45.7	12.3	606
1339278	SHI	REP	8	469911	7091357	1.6	38.2	26.2	108	0.7	27.9	9.8	571
1339278	SHI	SOIL	8	469911	7091357	1.6	37.8	26.4	105	0.7	27.7	9.6	588
1339279	SHI	SOIL	8	469921	7091335	1.4	39	20.7	93	0.4	28.8	9.9	483
1339280	SHI	SOIL	8	469930	7091310	1.4	34.4	23.7	93	0.6	26.5	9.1	422
1339281	SHI	SOIL	8	469938	7091286	1.7	41.6	22.8	76	0.4	26.9	9.7	541
1339282	SHI	SOIL	8	469948	7091263	1.6	33.8	28.3	88	1.1	24.9	9.2	608
1339283	SHI	SOIL	8	469954	7091239	1.8	38.8	33.2	102	1.1	27.2	10.2	565
1339284	SHI	SOIL	8	469964	7091217	1.2	45.9	21	73	0.4	25.5	9.4	610
1339285	SHI	SOIL	8	469971	7091194	1.6	51.8	23.9	84	0.5	27.4	9.8	559
1339286	SHI	SOIL	8	469981	7091169	1.7	50.5	24.4	98	0.5	31	10.9	662
1339287	SHI	SOIL	8	469988	7091145	1.3	32	22.4	82	0.4	22.9	9.4	674
1339264	SHI	SOIL	8	469995	7091122	1.5	30.3	22	86	0.5	23.2	9.8	637
1339265	SHI	SOIL	8	470005	7091099	1.1	42.6	20.1	82	0.4	26	7.5	328
1339266	SHI	SOIL	8	470013	7091074	0.9	30.1	19.3	75	0.5	20.1	7.2	432
1339267	SHI	SOIL	8	470018	7091049	0.9	35	18.8	75	0.4	21	6.7	400
1339268	SHI	SOIL	8	470029	7091027	1	41.4	23.7	85	0.5	25.3	8.8	355
1339269	SHI	SOIL	8	470039	7091003	0.8	38.1	22.3	88	0.4	23.2	8.3	386
1339270	SHI	SOIL	8	470045	7090980	0.9	39.4	24.2	83	0.5	23	7.5	203
1339271	SHI	SOIL	8	470052	7090955	1.3	45.8	24.6	88	0.5	27.1	9.2	328
1339272	SHI	SOIL	8	470062	7090933	1.2	25	17.5	85	0.3	21.4	8.1	452
1334851	SHI	SOIL	8	469513	7091589	1	52	13.4	51	0.3	26.6	9.7	722
1334852	SHI	SOIL	8	469520	7091567	0.9	24.9	11.4	47	0.2	14.3	4.7	215
1334853	SHI	SOIL	8	469529	7091544	0.8	18.7	14.6	57	0.2	19.5	7.5	196
1334854	SHI	SOIL	8	469537	7091519	1.9	39.9	17.8	61	0.6	25.4	9.6	576
1334855	SHI	SOIL	8	469546	7091494	1.4	23.4	20.3	74	0.3	21	9.2	383
1334856	SHI	SOIL	8	469554	7091473	1.2	21.9	17.9	62	0.4	18.8	6.8	243
1334857	SHI	SOIL	8	469562	7091450	1	34.5	11.1	54	0.2	21.5	7.8	324

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1339252	3.69	73	1.8	9.8	10.1	13	0.4	2.6	0.3	33	0.45	0.055	27
1339253	3.23	65.9	1	12.6	8.1	35	0.6	2.5	0.4	34	1.31	0.092	18
1339254	2.36	23.4	1.3	5.9	4.6	27	0.3	1.3	0.2	36	0.71	0.061	17
1339255	2.37	19.8	1.3	3.5	3.9	26	0.1	0.9	0.2	38	0.65	0.054	16
1339256	2.25	21.9	2	3.3	2.6	38	0.2	0.9	0.2	35	1.07	0.048	13
1339257	2.23	19.8	0.8	18.8	4.6	26	0.3	1	0.2	32	0.62	0.058	17
1339258	3.17	22.9	2.1	3.4	5.4	42	0.6	1.5	0.3	17	0.55	0.1	17
1339259	2.23	17.7	1.5	10.4	2.8	35	0.4	0.9	0.2	21	0.74	0.07	15
1339260	3.77	41.1	1.2	4	6.8	22	0.7	2	0.2	35	0.47	0.073	22
1339261	2.57	38	0.4	9.4	4.1	7	0.2	1.2	0.2	39	0.11	0.037	16
1339262	2.61	58.2	1.1	5.4	6.5	19	0.2	1.8	0.2	28	0.45	0.031	21
1339263	2.59	38	1.1	13.1	5.6	27	0.5	2.8	0.2	24	0.67	0.07	19
1339276	2.97	33.6	1.3	9.8	6	32	0.5	2.7	0.2	30	0.6	0.077	21
1339277	2.96	33.5	1.3	11.5	6.4	27	0.3	2.7	0.3	30	0.41	0.064	22
1339278	2.41	247.1	1.1	24.3	5.8	30	0.8	2.6	0.4	25	0.63	0.072	18
1339278	2.44	242.3	1.3	28.3	5.9	29	0.9	2.7	0.3	26	0.66	0.071	18
1339279	2.36	61.8	1.6	30.9	5.1	34	0.7	2.1	0.2	28	0.81	0.076	19
1339280	2.55	74.7	0.9	45.5	5.5	29	0.4	2.4	0.4	29	0.69	0.075	20
1339281	2.27	90.6	1.8	35.4	4.4	35	0.3	2.1	0.3	26	0.84	0.075	19
1339282	2.42	166.5	1.1	275.8	5.2	30	0.4	3.4	0.3	25	0.71	0.075	18
1339283	2.81	156.8	1.1	21.1	5.7	34	0.5	2.8	0.4	30	0.83	0.079	18
1339284	2.2	78.8	2	8.3	2.6	50	0.6	1.7	0.2	27	1.4	0.059	13
1339285	2.55	100.6	1.4	9.6	4.3	36	0.5	1.7	0.3	27	0.86	0.063	17
1339286	2.61	76.5	1.3	13.4	4.9	37	0.5	1.8	0.3	31	0.97	0.077	19
1339287	2.18	97.2	1.6	8	3.1	44	0.6	1.7	0.2	26	1.26	0.059	16
1339264	2.42	91.3	1.4	13.8	3.8	39	0.6	1.8	0.3	27	0.97	0.068	16
1339265	2.02	59.1	3	14.3	2.7	51	0.6	1.7	0.2	27	1.31	0.07	15
1339266	2.01	92.6	1.8	22.3	3.1	48	0.4	1.8	0.3	24	1.22	0.06	15
1339267	1.85	85.3	2.5	10.8	2.8	50	0.5	1.9	0.2	23	1.36	0.062	14
1339268	1.88	70.4	3.4	25.2	3	43	0.6	2.6	0.3	28	1.14	0.064	15
1339269	2.07	101.6	2.1	12.7	3.2	43	0.6	2.5	0.4	25	1.07	0.063	13
1339270	2.37	147.1	2.1	15.4	4.1	34	0.5	2.2	0.3	28	0.88	0.063	16
1339271	2.27	99.9	2.5	10.7	3.7	38	0.8	2.6	0.3	30	0.98	0.061	15
1339272	2.39	83.5	0.9	7.4	5.5	28	0.4	1.3	0.2	29	0.6	0.078	19
1334851	1.97	14.7	1.3	4.4	1.3	58	0.4	1.2	0.2	27	1.07	0.091	13
1334852	1.57	11.3	1	2.9	2.1	29	0.5	0.5	0.2	31	0.48	0.043	13
1334853	2.5	12.3	0.5	4.8	3.6	7	0.2	0.9	0.2	41	0.07	0.018	11
1334854	2.37	12.8	1.3	2	4	22	0.2	1.1	0.2	29	0.26	0.067	20
1334855	2.46	30.8	1	13.3	5	22	0.1	1.1	0.2	31	0.37	0.074	18
1334856	2.24	25.1	0.7	6.2	4.3	17	0.05	0.9	0.2	36	0.23	0.031	15
1334857	2.02	12.4	1.1	4.7	2.2	32	0.3	1	0.2	32	0.49	0.067	13

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm
1339252	25	0.63	183	0.031	0.5	1.37	0.007	0.09	0.4	0.03	5.2	0.1	0.025	4
1339253	22	0.75	179	0.035	0.5	1.05	0.011	0.11	0.5	0.07	3.3	0.2	0.025	3
1339254	22	0.43	304	0.026	4	1.04	0.009	0.06	0.3	0.06	3.6	0.05	0.025	3
1339255	24	0.45	326	0.024	5	1.18	0.009	0.05	0.3	0.05	3.5	0.05	0.025	4
1339256	20	0.39	299	0.021	3	1.02	0.008	0.05	0.1	0.05	2.7	0.05	0.07	3
1339257	19	0.37	165	0.028	3	0.82	0.009	0.04	0.5	0.05	2.7	0.05	0.05	2
1339258	16	0.39	200	0.007	3	0.79	0.005	0.03	0.05	0.06	1.9	0.05	0.07	2
1339259	15	0.34	152	0.011	4	0.75	0.005	0.03	0.1	0.07	1.8	0.05	0.025	2
1339260	23	0.44	264	0.026	3	1.13	0.008	0.06	0.5	0.06	3.4	0.05	0.05	3
1339261	21	0.39	133	0.014	3	1.39	0.004	0.05	0.4	0.01	2.4	0.1	0.025	5
1339262	20	0.44	210	0.007	3	1.3	0.006	0.06	0.5	0.05	2.9	0.1	0.025	4
1339263	20	0.35	180	0.015	5	0.99	0.007	0.07	0.3	0.05	2.5	0.05	0.025	3
1339276	22	0.48	253	0.03	3	1.22	0.011	0.08	0.3	0.09	3	0.05	0.025	3
1339277	22	0.48	239	0.024	3	1.3	0.01	0.07	0.2	0.07	3.1	0.05	0.025	4
1339278	17	0.44	150	0.023	4	0.96	0.009	0.06	0.5	0.05	2.5	0.05	0.025	3
1339278	17	0.42	153	0.024	6	0.94	0.009	0.06	0.7	0.05	2.7	0.05	0.025	3
1339279	20	0.43	205	0.025	3	1.06	0.008	0.07	0.3	0.05	2.7	0.05	0.06	3
1339280	20	0.42	157	0.027	1	1.01	0.009	0.08	0.5	0.06	2.9	0.05	0.025	3
1339281	19	0.42	198	0.02	2	0.97	0.008	0.07	0.5	0.04	2.5	0.05	0.025	3
1339282	18	0.4	129	0.02	2	0.88	0.008	0.07	0.5	0.03	2.3	0.05	0.025	3
1339283	20	0.54	156	0.029	3	1.05	0.011	0.09	0.5	0.04	3.2	0.1	0.025	3
1339284	16	0.42	167	0.016	3	0.83	0.007	0.05	0.8	0.05	2.4	0.05	0.07	3
1339285	18	0.45	196	0.023	3	0.99	0.009	0.08	0.4	0.04	2.7	0.1	0.025	3
1339286	21	0.55	206	0.024	2	1.09	0.01	0.1	0.6	0.05	3.1	0.1	0.05	3
1339287	18	0.47	180	0.021	2	0.91	0.009	0.06	0.5	0.03	2.4	0.05	0.05	3
1339264	19	0.43	173	0.024	3	0.93	0.009	0.07	0.7	0.03	2.5	0.05	0.025	3
1339265	18	0.45	200	0.02	3	0.95	0.009	0.07	0.7	0.06	2.4	0.05	0.09	3
1339266	16	0.4	176	0.022	2	0.87	0.008	0.06	0.7	0.04	2.3	0.05	0.09	3
1339267	15	0.41	175	0.02	4	0.87	0.009	0.06	0.5	0.04	2.2	0.05	0.1	3
1339268	18	0.42	231	0.02	2	0.97	0.008	0.06	0.6	0.06	2.6	0.05	0.13	3
1339269	17	0.41	231	0.017	4	0.88	0.007	0.05	0.5	0.06	2.5	0.1	0.025	3
1339270	19	0.41	232	0.02	3	1.01	0.008	0.06	0.4	0.06	2.9	0.05	0.09	3
1339271	19	0.39	272	0.02	2	0.93	0.009	0.06	0.6	0.06	2.8	0.05	0.11	3
1339272	17	0.43	154	0.03	1	0.94	0.01	0.07	1.9	0.02	2.6	0.1	0.025	3
1334851	18	0.33	263	0.013	1	1.05	0.007	0.03	0.1	0.09	2.5	0.05	0.07	3
1334852	16	0.25	204	0.013	2	0.95	0.005	0.03	0.2	0.05	2.2	0.05	0.025	4
1334853	26	0.37	128	0.019	1	1.54	0.004	0.04	0.2	0.04	2.1	0.05	0.025	4
1334854	21	0.38	309	0.01	0.5	1.24	0.004	0.03	0.2	0.06	2.8	0.05	0.025	4
1334855	20	0.44	214	0.022	0.5	1.22	0.006	0.05	0.4	0.04	2.5	0.1	0.025	4
1334856	21	0.39	274	0.014	0.5	1.27	0.005	0.04	0.3	0.04	2.5	0.1	0.025	4
1334857	18	0.38	266	0.013	0.5	1.09	0.005	0.03	0.1	0.05	2.5	0.05	0.025	3

sample_id	se_ppm	te_ppm	analysis_m	job_number	colour	texture	moisture	site_slope	depth	horizon
1339252	0.7	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	50	C
1339253	0.9	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	80	C
1339254	0.6	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	80	B
1339255	0.25	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	60	C
1339256	0.9	0.1	1DX15	WHI13000376	Dark Brown	Silt	Dry	Subtle Slope	50	B
1339257	0.25	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	60	C
1339258	1.3	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1339259	0.8	0.1	1DX15	WHI13000376	Grey	Silt	Dry	Subtle Slope	60	B
1339260	1	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	60	B
1339261	0.25	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	60	C
1339262	0.7	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	50	B
1339263	1.6	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	80	C
1339276	1.1	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	50	C
1339277	0.7	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	80	C
1339278	0.8	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	50	C
1339278	0.7	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	50	C
1339279	0.7	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Dry	Subtle Slope	50	B
1339280	0.6	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	70	C
1339281	0.9	0.1	1DX15	WHI13000376	Grey	Silt	Dry	Subtle Slope	80	B
1339282	0.25	0.1	1DX15	WHI13000376	Grey	Silt	Dry	Subtle Slope	60	C
1339283	0.8	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Dry	Subtle Slope	60	C
1339284	1.1	0.1	1DX15	WHI13000376	Dark Brown	Silt	Dry	Subtle Slope	80	B
1339285	0.6	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	60	C
1339286	0.8	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	70	C
1339287	1	0.1	1DX15	WHI13000376	Dark Brown	Silt	Dry	Subtle Slope	60	B
1339264	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	B
1339265	1.3	0.1	1DX15	WHI13000376	Dark Brown	Silt	Damp	Subtle Slope	120	B
1339266	1.6	0.1	1DX15	WHI13000376	Dark Brown	Silt	Damp	Subtle Slope	50	B
1339267	1.9	0.1	1DX15	WHI13000376	Dark Brown	Silt	Damp	Subtle Slope	120	B
1339268	1	0.1	1DX15	WHI13000376	Dark Brown	Silt	Dry	Subtle Slope	50	B
1339269	0.7	0.1	1DX15	WHI13000376	Grey	Silt	Dry	Subtle Slope	50	B
1339270	1	0.1	1DX15	WHI13000376	Dark Brown	Silt	Dry	Subtle Slope	50	B
1339271	0.9	0.1	1DX15	WHI13000376	Dark Brown	Silt	Dry	Subtle Slope	50	B
1339272	0.6	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	40	C
1334851	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334852	0.25	0.1	1DX15	WHI13000377	Dark Brown	Sand	Damp	Subtle Slope	40	B
1334853	0.8	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	30	B
1334854	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334855	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334856	0.25	0.1	1DX15	WHI13000377	Dark Brown	Sand	Damp	Subtle Slope	20	B
1334857	0.8	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B

sample_id	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of_id
1339252	Old Burn	Grass Cover	Good	Rocky			
1339253	Old Burn	Burnt Moss	Good	Rocky			
1339254	Old Burn	Thin Moss Cover	Good	Clay			
1339255	Old Burn	Reindeer Moss	Good	Rocky			
1339256	Old Burn	Reindeer Moss	Poor	Frozen			
1339257	Black Spruce	Reindeer Moss	Good	Rocky			
1339258	Black Spruce	Reindeer Moss	Good	Quartz Chips			
1339259	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1339260	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1339261	Black Spruce	Reindeer Moss	Good	Fine	Rocky		
1339262	Black Spruce	Reindeer Moss	Good	Rocky			
1339263	Black Spruce	Reindeer Moss	Good	Rocky			
1339276	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1339277	Black Spruce	Reindeer Moss	Good	Rocky			
1339278	Black Spruce	Reindeer Moss	Good	Rocky			
1339278	Black Spruce	Reindeer Moss	Good	Rocky			
1339279	Black Spruce	Reindeer Moss	Good	Bright Orange Rust			
1339280	Black Spruce	Reindeer Moss	Good	Rocky			
1339281	Black Spruce	Reindeer Moss	Good	Rocky			
1339282	Black Spruce	Reindeer Moss	Good	Rocky			
1339283	Black Spruce	Reindeer Moss	Good	Rocky			
1339284	No Tree Cover	Reindeer Moss	Good	Rocky			
1339285	Black Spruce	Reindeer Moss	Good	Rocky			
1339286	Black Spruce	Reindeer Moss	Good	Rocky			
1339287	Black Spruce	Reindeer Moss	Good	Rocky			
1339264	Black Spruce	Reindeer Moss	Good	Rocky			
1339265	Black Spruce	Reindeer Moss	Poor	Organic 10%			
1339266	Black Spruce	Reindeer Moss	Good	Rocky			
1339267	Black Spruce	Reindeer Moss	Poor	Organic 10%			
1339268	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1339269	Black Spruce	Reindeer Moss	Poor	Partially Frozen			
1339270	Black Spruce	Reindeer Moss	Poor	Partially Frozen	Organic 10%		
1339271	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1339272	Black Spruce	Reindeer Moss	Good	Rocky			
1334851	Old Burn	Sphagnum Moss < 30cm	Good	Rocky Sample			
1334852	Old Burn	Sphagnum Moss < 30cm	Good				
1334853	Old Burn	Sphagnum Moss < 30cm	Good				
1334854	Old Burn	Sphagnum Moss < 30cm	Good				
1334855	Old Burn	Sphagnum Moss < 30cm	Good				
1334856	Old Burn	Sphagnum Moss < 30cm	Poor				
1334857	Old Burn	Sphagnum Moss < 30cm	Good				

sample_id	project	sample	zone	easting	northing	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1334858	SHI	SOIL	8	469571	7091426	0.8	20.7	13.9	36	0.4	9.8	3.2	92
1334859	SHI	SOIL	8	469578	7091401	0.7	13.3	10.2	46	0.2	13	4.5	110
1334860	SHI	SOIL	8	469588	7091378	0.4	30.5	11.3	36	0.3	12.6	4.4	291
1334860	SHI	REP	8	469588	7091378	0.6	31.2	11.9	36	0.4	12.4	4.4	301
1334861	SHI	SOIL	8	469596	7091354	0.7	14.4	10.6	43	0.2	13.5	5.7	153
1334862	SHI	SOIL	8	469605	7091332	0.7	25.5	13.4	49	0.2	18	7.6	185
1334863	SHI	SOIL	8	469612	7091307	0.8	30.5	13.5	69	0.2	21.9	8.2	226
1334864	SHI	SOIL	8	469621	7091284	1.2	29.8	14.5	59	0.2	24.1	8.4	167
1334865	SHI	SOIL	8	469629	7091260	1	40.5	12.2	48	0.3	24.9	7.3	474
1334866	SHI	SOIL	8	469637	7091237	1	18	13.8	54	0.2	19.4	6.9	227
1334867	SHI	SOIL	8	469646	7091213	0.7	71.7	15.3	45	0.4	20	7.5	306
1334868	SHI	SOIL	8	469654	7091189	1	48.9	14.8	51	0.3	24.5	8	548
1334869	SHI	SOIL	8	469664	7091164	1.3	57	22.3	85	0.3	31.9	10.5	350
1334870	SHI	SOIL	8	469671	7091141	0.9	39.8	15.5	69	0.2	23	8	635
1334871	SHI	SOIL	8	469679	7091119	1.4	53.1	15.8	61	0.3	24.5	9.7	1147
1334872	SHI	SOIL	8	469688	7091094	1.1	54.9	21.3	61	0.2	23.3	11.8	1204
1334873	SHI	SOIL	8	469695	7091072	1.5	111.8	23.7	50	0.2	25.8	11.4	1104
1334874	SHI	SOIL	8	469706	7091047	1.1	52.8	21	54	0.2	23.2	8.6	473
1334875	SHI	SOIL	8	469713	7091023	1.6	46.3	17.5	63	0.3	25.6	9.6	716
1334877	SHI	SOIL	8	469729	7090975	1	26.5	13.6	52	0.2	16.1	6.7	373
1334878	SHI	SOIL	8	469737	7090954	0.9	29.8	15.9	60	0.2	19.9	8.2	501
1334876	SHI	SOIL	8	469720	7091000	1	44	15.6	58	0.3	24.1	7.8	398
1334876	SHI	REP	8	469720	7091000	1.1	46.2	16.2	66	0.3	24.6	7.9	400
1334879	SHI	SOIL	8	469745	7090929	0.9	33.1	18.3	58	0.2	20.9	8.3	534
1334880	SHI	SOIL	8	469754	7090906	0.9	48.1	26.3	72	0.3	23.2	8.2	474
1334881	SHI	SOIL	8	469762	7090882	0.9	27.1	13.3	63	0.2	19.6	7.5	392
1334882	SHI	SOIL	8	469769	7090858	1	37.7	19.9	72	0.3	24	8.4	355
1334883	SHI	SOIL	8	469779	7090835	1.2	34.2	20	71	0.3	21.8	8.1	453
1331198	SHI	SOIL	8	469420	7091555	1	19.1	14.5	58	0.2	21.1	7.7	191
1331199	SHI	SOIL	8	469435	7091508	2.2	52.2	13.7	59	0.3	30.8	8.6	491
1331200	SHI	SOIL	8	469453	7091461	1.1	24.9	23.4	95	1.1	18.8	11.8	1310
1331201	SHI	SOIL	8	469469	7091416	2	45.6	22.7	82	0.2	31.5	10.9	430
1331202	SHI	SOIL	8	469486	7091365	1.6	46.7	19.6	86	0.3	31.3	10.7	436
1331203	SHI	SOIL	8	469502	7091320	1.3	22.7	16.6	67	0.2	16.2	9.1	526
1331204	SHI	SOIL	8	469518	7091274	1.1	28.5	11.9	69	0.2	21.3	8.5	271
1331205	SHI	SOIL	8	469535	7091225	1.2	50.5	18.3	67	0.4	32.5	11	676
1331206	SHI	SOIL	8	469552	7091180	1	39.8	15.3	53	0.3	28.3	9.7	557
1331207	SHI	SOIL	8	469560	7091155	1.9	49.1	22	87	0.4	31.1	10.9	657
1331208	SHI	SOIL	8	469568	7091130	1.3	33.8	17.9	67	0.3	24.7	10.3	558
1331209	SHI	SOIL	8	469576	7091107	1.2	49	15.6	87	0.3	33.8	11	484
1331209	SHI	REP	8	469576	7091107	1.2	45.5	14.9	83	0.3	31.3	9.8	435

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1334858	1.1	12.6	0.5	1.2	0.6	22	0.7	0.6	0.2	24	0.3	0.036	10
1334859	1.65	8.9	0.5	11	3.2	18	0.05	0.4	0.2	33	0.27	0.032	12
1334860	1	5.9	0.8	2.5	1.9	31	0.4	0.3	0.2	30	0.47	0.028	13
1334860	1.05	6.3	0.8	4.2	1.9	31	0.3	0.3	0.2	30	0.46	0.028	13
1334861	1.93	10.8	0.5	1.4	2.7	18	0.05	0.5	0.2	33	0.33	0.034	11
1334862	1.87	16.2	0.9	4.4	2.8	33	0.2	0.7	0.2	29	0.62	0.048	13
1334863	2.11	17.8	1.8	2.1	3.5	33	0.4	1.1	0.2	29	0.69	0.06	13
1334864	2.49	33.5	1.5	2.8	3.5	24	0.2	1.1	0.2	29	0.49	0.058	15
1334865	1.5	27.9	1.5	3.7	0.8	95	0.5	1.1	0.3	25	2.26	0.079	7
1334866	2.13	32.2	0.4	5.8	3.3	16	0.05	0.8	0.2	33	0.31	0.036	11
1334867	2.13	43	2	4.1	2.2	45	0.2	0.7	0.2	31	0.81	0.054	16
1334868	1.99	42.7	2	4.9	1.5	66	0.5	1.1	0.2	27	1.49	0.065	13
1334869	2.23	60.3	2	14.4	4	37	0.5	1.4	0.2	31	0.77	0.067	16
1334870	1.79	43.3	1.3	7.8	1.6	58	0.6	0.8	0.2	24	1.48	0.055	9
1334871	1.91	31.4	1.5	27.3	1.5	69	0.7	0.9	0.2	22	1.47	0.054	9
1334872	1.8	18.9	1.1	2.8	2	59	0.4	0.6	0.2	21	1.32	0.043	9
1334873	2.31	51	1.5	8.9	2.5	42	0.3	0.9	0.2	31	0.91	0.04	13
1334874	2.12	29.5	1.2	4.4	2.4	44	0.3	0.7	0.2	32	0.82	0.049	12
1334875	2.16	38	1.6	7.2	2.3	48	0.3	1.1	0.3	26	0.87	0.056	12
1334877	1.77	29.9	1.4	7.2	1.5	49	0.4	0.8	0.2	25	1.25	0.056	10
1334878	2.1	34.3	1.3	5.7	1.8	47	0.5	0.8	0.2	30	1.25	0.054	11
1334876	2.11	38.3	2.1	4	2	45	0.4	1	0.2	28	1.11	0.055	11
1334876	2.18	39.2	2	26.9	2.2	48	0.5	1.1	0.2	32	1.19	0.056	12
1334879	2.11	43.6	1.7	6.5	1.9	48	0.3	0.9	0.2	29	1.24	0.06	12
1334880	2.04	43.7	3.3	4.8	1.7	57	0.6	1.1	0.2	28	1.51	0.059	11
1334881	1.86	37.5	1.5	6.1	2.5	41	0.4	0.8	0.2	27	0.91	0.05	12
1334882	2.19	33.4	2	9.1	2.8	37	0.5	1	0.2	33	0.97	0.067	13
1334883	2.02	42.5	2.5	13	2.5	43	0.5	1.1	0.2	28	1.19	0.058	12
1331198	2.72	13.1	0.5	3.8	3.5	11	0.1	0.7	0.2	52	0.15	0.034	13
1331199	2.32	22.6	0.7	4.9	4	12	0.3	1.6	0.2	26	0.13	0.033	16
1331200	2.32	15.2	0.6	2.8	3.5	13	0.4	0.8	0.2	51	0.19	0.038	13
1331201	3.04	48.9	1.1	8	6.7	12	0.2	1.5	0.2	33	0.21	0.033	22
1331202	2.59	40	0.5	2.9	6.2	25	0.5	1.4	0.2	32	1.03	0.08	17
1331203	2.26	56	1.3	9.3	3.7	37	0.4	1.2	0.4	29	0.6	0.051	11
1331204	2.09	29.1	0.7	11.4	3.5	20	0.2	0.9	0.2	29	0.35	0.085	12
1331205	2.59	31.9	2.2	8.2	3	37	0.4	1.2	0.2	38	1.13	0.068	16
1331206	2.25	23.7	2.1	3.8	2.3	40	0.4	0.8	0.2	39	0.97	0.066	14
1331207	2.45	49.6	1	7.9	4.8	32	0.7	1.9	0.4	28	0.77	0.084	14
1331208	2.44	31	2	6.5	3.1	39	0.4	1	0.3	36	0.91	0.062	13
1331209	2.5	23.7	1.7	7.2	3.6	43	0.8	1.2	0.2	37	0.83	0.086	16
1331209	2.27	23.1	1.7	7	3.4	42	0.7	1.2	0.2	34	0.81	0.084	15

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm
1334858	13	0.2	148	0.009	2	0.74	0.005	0.04	0.3	0.05	1.2	0.1	0.05	4
1334859	19	0.34	203	0.016	0.5	1.11	0.005	0.03	0.1	0.03	2.2	0.1	0.025	4
1334860	15	0.25	267	0.013	0.5	0.95	0.006	0.05	0.1	0.02	2.2	0.1	0.025	4
1334860	15	0.24	271	0.012	0.5	1	0.006	0.05	0.2	0.03	2.2	0.05	0.025	4
1334861	17	0.33	190	0.015	0.5	1.02	0.005	0.02	0.2	0.02	1.9	0.05	0.025	3
1334862	18	0.35	250	0.018	0.5	0.95	0.008	0.03	0.2	0.05	2.7	0.05	0.025	3
1334863	18	0.38	300	0.022	2	0.94	0.007	0.04	0.2	0.07	3.1	0.05	0.025	3
1334864	19	0.36	204	0.02	1	0.96	0.007	0.03	0.3	0.06	2.9	0.05	0.025	3
1334865	17	0.39	302	0.012	3	0.86	0.007	0.04	0.1	0.1	1.9	0.05	0.11	2
1334866	20	0.39	138	0.019	1	0.91	0.005	0.04	0.3	0.03	1.9	0.05	0.025	3
1334867	19	0.36	355	0.017	1	0.99	0.006	0.04	0.2	0.07	3.1	0.05	0.025	3
1334868	17	0.37	380	0.018	2	0.9	0.007	0.04	0.3	0.06	2.4	0.05	0.07	3
1334869	20	0.47	358	0.022	2	1.05	0.007	0.05	0.3	0.06	2.9	0.1	0.05	3
1334870	15	0.32	202	0.017	2	0.67	0.007	0.04	0.2	0.04	1.7	0.05	0.06	2
1334871	16	0.37	217	0.017	2	0.77	0.006	0.04	0.2	0.05	1.9	0.05	0.06	3
1334872	16	0.41	682	0.012	2	0.75	0.006	0.04	0.1	0.05	2	0.05	0.025	3
1334873	19	0.37	538	0.017	1	0.85	0.006	0.04	0.2	0.04	2.6	0.05	0.025	3
1334874	20	0.42	443	0.018	1	0.96	0.006	0.04	0.2	0.04	2.5	0.05	0.025	3
1334875	18	0.4	408	0.015	0.5	0.92	0.007	0.03	0.2	0.04	2.3	0.05	0.025	3
1334877	16	0.38	246	0.018	2	0.78	0.008	0.04	0.4	0.04	2	0.05	0.025	3
1334878	18	0.4	285	0.019	2	0.9	0.009	0.04	0.3	0.03	2.3	0.05	0.025	3
1334876	18	0.41	509	0.016	2	0.99	0.009	0.04	0.2	0.05	2.4	0.05	0.025	3
1334876	19	0.4	533	0.022	3	0.99	0.01	0.05	0.3	0.05	2.6	0.05	0.025	3
1334879	18	0.42	279	0.02	2	0.87	0.009	0.04	0.5	0.03	2.3	0.05	0.025	2
1334880	17	0.45	255	0.018	2	0.88	0.01	0.05	0.3	0.04	2.2	0.05	0.08	3
1334881	16	0.39	147	0.026	2	0.77	0.009	0.04	0.4	0.03	1.9	0.05	0.025	3
1334882	20	0.44	263	0.024	2	0.92	0.01	0.05	0.5	0.05	2.8	0.05	0.025	3
1334883	18	0.44	256	0.02	2	0.88	0.008	0.05	0.6	0.06	2.4	0.05	0.05	3
1331198	26	0.36	197	0.022	0.5	1.6	0.005	0.04	0.2	0.05	2.3	0.1	0.025	5
1331199	18	0.29	201	0.007	1	0.88	0.004	0.02	0.2	0.02	2	0.05	0.025	3
1331200	25	0.31	264	0.019	1	1.45	0.005	0.04	0.2	0.02	2.7	0.1	0.025	5
1331201	21	0.4	179	0.015	1	1.14	0.005	0.06	0.3	0.04	3.2	0.1	0.025	4
1331202	20	0.66	213	0.024	0.5	0.96	0.008	0.07	0.4	0.04	2.7	0.1	0.025	3
1331203	17	0.42	140	0.023	3	0.91	0.007	0.05	0.4	0.02	2.3	0.05	0.025	3
1331204	16	0.34	104	0.021	0.5	0.71	0.007	0.03	0.2	0.02	2	0.05	0.025	2
1331205	24	0.56	334	0.021	1	1.15	0.008	0.04	0.3	0.05	3.3	0.05	0.025	3
1331206	24	0.41	356	0.021	1	1.13	0.007	0.04	0.3	0.05	3.1	0.05	0.025	4
1331207	19	0.48	207	0.018	3	0.99	0.007	0.07	0.4	0.05	2.9	0.1	0.025	3
1331208	21	0.46	301	0.018	1	1.07	0.007	0.04	0.3	0.05	2.9	0.05	0.025	3
1331209	23	0.44	349	0.026	2	1.04	0.009	0.05	0.3	0.05	3.1	0.1	0.025	3
1331209	21	0.44	329	0.024	2	1.05	0.009	0.05	0.3	0.06	3.1	0.05	0.025	3

sample_id	se_ppm	te_ppm	analysis_m	job_number	colour	texture	moisture	site_slope	depth	horizon
1334858	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334859	0.6	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334860	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	30	B
1334860	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	30	B
1334861	0.25	0.1	1DX15	WHI13000377	Dark Brown	Sand	Damp	Subtle Slope	20	B
1334862	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334863	1	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334864	1.4	0.1	1DX15	WHI13000377	Dark Brown	Sand	Damp	Subtle Slope	20	B
1334865	1.3	0.1	1DX15	WHI13000377	Dark Brown	Sand	Damp	Subtle Slope	30	B
1334866	0.25	0.1	1DX15	WHI13000376	Dark Brown	Sand	Damp	Subtle Slope	20	B
1334867	0.6	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334868	0.5	0.1	1DX15	WHI13000377	Dark Brown	Sand	Damp	Subtle Slope	20	B
1334869	0.8	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334870	0.25	0.1	1DX15	WHI13000376	Dark Brown	Sand	Damp	Subtle Slope	30	B
1334871	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334872	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334873	0.25	0.1	1DX15	WHI13000376	Dark Brown	Sand	Damp	Subtle Slope	30	B
1334874	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334875	1	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	20	B
1334877	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	20	B
1334878	0.25	0.1	1DX15	WHI13000376	Dark Brown	Sand	Damp	Subtle Slope	60	B
1334876	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	30	B
1334876	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	30	B
1334879	0.7	0.1	1DX15	WHI13000376	Dark Brown	Sand	Damp	Subtle Slope	20	B
1334880	0.6	0.1	1DX15	WHI13000376	Dark Brown	Sand	Damp	Subtle Slope	30	B
1334881	0.5	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1334882	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	30	B
1334883	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	30	B
1331198	0.25	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	40	C
1331199	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	40	C
1331200	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Dry	Subtle Slope	50	B
1331201	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1331202	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	70	C
1331203	0.5	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Dry	Subtle Slope	60	C
1331204	0.6	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1331205	0.8	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	80	C
1331206	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	70	B
1331207	0.9	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Dry	Subtle Slope	80	C
1331208	0.9	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	70	C
1331209	1.1	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	110	C
1331209	1	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	110	C

sample_id	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of_id
1334858	Old Burn	Sphagnum Moss < 30cm	Good				
1334859	Old Burn	Sphagnum Moss < 30cm	Good				
1334860	Old Burn	Sphagnum Moss < 30cm	Good				
1334860	Old Burn	Sphagnum Moss < 30cm	Good				
1334861	Old Burn	Sphagnum Moss < 30cm	Good				
1334862	Old Burn	Sphagnum Moss < 30cm	Good				
1334863	Old Burn	Sphagnum Moss < 30cm	Good				
1334864	Old Burn	Sphagnum Moss < 30cm	Good				
1334865	Old Burn	Sphagnum Moss < 30cm	Good				
1334866	Old Burn	Sphagnum Moss < 30cm	Good				
1334867	Old Burn	Sphagnum Moss < 30cm	Good				
1334868	Old Burn	Sphagnum Moss < 30cm	Good				
1334869	Old Burn	Sphagnum Moss < 30cm	Good				
1334870	Subalpine Fir	Sphagnum Moss < 30cm	Good				
1334871	Old Burn	Sphagnum Moss < 30cm	Good				
1334872	Old Burn	Sphagnum Moss < 30cm	Good				
1334873	Old Burn	Sphagnum Moss < 30cm	Good				
1334874	Old Burn	Sphagnum Moss < 30cm	Good				
1334875	Old Burn	Sphagnum Moss < 30cm	Good				
1334877	Old Burn	Sphagnum Moss < 30cm	Good				
1334878	Old Burn	Sphagnum Moss < 30cm	Good				
1334876	Old Burn	Sphagnum Moss < 30cm	Good				
1334876	Old Burn	Sphagnum Moss < 30cm	Good				
1334879	Old Burn	Sphagnum Moss < 30cm	Good				
1334880	Old Burn	Sphagnum Moss < 30cm	Good				
1334881	Old Burn	Sphagnum Moss < 30cm	Good				
1334882	Old Burn	Sphagnum Moss < 30cm	Good				
1334883	Old Burn	Sphagnum Moss < 30cm	Good				
1331198	Old Burn	Burnt Moss	Good	Coarse			
1331199	Old Burn	Burnt Moss	Good	Coarse	Rocky Sample		
1331200	Old Burn	Burnt Moss	Good	Coarse			
1331201	Old Burn	Burnt Moss	Excellent	Coarse			
1331202	Old Burn	Burnt Moss	Excellent	Coarse			
1331203	Old Burn	Burnt Moss	Good	Coarse			
1331204	Old Burn	Burnt Moss	Good	Fine			
1331205	Old Burn	Burnt Moss	Excellent	Coarse			
1331206	Old Burn	Burnt Moss	Good	Coarse			
1331207	Old Burn	Burnt Moss	Good	Coarse			
1331208	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips		
1331209	Old Burn	Bare Soil	Excellent	Coarse			
1331209	Old Burn	Bare Soil	Excellent	Coarse			

sample_id	project	sample	zone	easting	northing	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1331210	SHI	SOIL	8	469586	7091082	1.5	44.7	18	66	0.3	27.9	9.4	609
1331211	SHI	REP	8	469602	7091039	1.1	53.8	15.5	61	0.3	22.9	9.2	563
1331211	SHI	SOIL	8	469602	7091039	1.3	50.2	16.1	56	0.3	22.1	8.5	524
1331212	SHI	SOIL	8	469618	7090990	0.8	39.4	15	66	0.4	24.6	8.6	307
1331213	SHI	SOIL	8	469634	7090943	1.4	37.8	19.4	67	0.4	24.4	8.5	542
1331214	SHI	SOIL	8	469651	7090895	1.1	35.3	21.1	78	0.4	23.9	8.7	530
1331215	SHI	SOIL	8	469668	7090846	1	38.7	18.5	72	0.4	25.3	8.7	379
1331216	SHI	SOIL	8	469685	7090802	1.7	44.9	26.1	91	0.5	26.8	9.6	451
1331217	SHI	SOIL	8	469401	7090701	1.2	65.3	13.1	58	0.05	22	10	320
1331218	SHI	SOIL	8	469409	7090680	0.8	49.3	12.2	51	0.2	26.4	9.2	381
1331219	SHI	SOIL	8	469417	7090655	0.9	73.1	18.4	68	0.4	30.7	11.1	519
1331220	SHI	SOIL	8	469427	7090631	1.3	55.4	14.8	62	0.3	28.4	9.5	413
1331221	SHI	SOIL	8	469433	7090608	1.1	49.2	18.7	75	0.4	32	11.1	631
1331222	SHI	SOIL	8	469443	7090584	1.7	26.8	16.4	61	0.2	19	7.4	298
1331223	SHI	SOIL	8	469450	7090561	0.9	37.1	15.7	62	0.3	23.9	9	427
1331224	SHI	SOIL	8	469460	7090536	1.2	52.3	212.1	75	0.9	29.2	9.6	521
1331225	SHI	SOIL	8	469460	7090536	1.1	56.3	91.3	68	0.5	29.7	9.7	483
1331226	SHI	SOIL	8	469468	7090513	1.2	46.4	15.6	67	0.3	27.7	9	513
1331227	SHI	SOIL	8	469483	7090466	1.1	41.1	17.3	70	0.3	25.4	7.8	391
1331228	SHI	SOIL	8	469493	7090442	0.9	32.9	13.5	62	0.3	19.5	7.7	430
1331229	SHI	SOIL	8	469501	7090420	1.1	28.3	17.5	72	0.1	20.8	10	490
1331230	SHI	SOIL	8	469510	7090395	1.2	35.9	15.2	59	0.4	26.6	9	528
1331231	SHI	SOIL	8	469518	7090372	2	35.8	19.2	92	0.5	43.8	14.1	315
1331232	SHI	SOIL	8	469525	7090348	1.6	40.3	14.6	74	0.4	34.1	9.9	344
1331233	SHI	SOIL	8	469534	7090325	1.3	26.2	12.7	63	0.2	24.1	9.1	448
1333953	SHI	SOIL	8	469703	7091655	1.1	34	18	83	0.2	24.8	10.4	242
1333954	SHI	SOIL	8	469711	7091633	1.9	26.3	19.4	95	0.2	24.8	9.5	429
1333955	SHI	SOIL	8	469718	7091609	1	39.5	22	88	0.4	23.5	8.9	356
1333956	SHI	SOIL	8	469727	7091585	1	32.9	18	81	0.3	23.2	7.7	243
1333957	SHI	SOIL	8	469736	7091562	2.3	35.6	26.1	105	0.6	33	11.4	1200
1333958	SHI	SOIL	8	469743	7091539	1.3	35.4	18.2	67	0.3	25.2	9.7	396
1333959	SHI	SOIL	8	469751	7091515	1.1	43.1	20.6	72	0.3	29.5	9.6	474
1333960	SHI	SOIL	8	469760	7091491	1.1	54.7	18.4	62	0.3	28.9	9.4	469
1333961	SHI	SOIL	8	469769	7091468	0.8	46.1	16.2	62	0.3	25.2	8.5	467
1333962	SHI	SOIL	8	469777	7091443	1.7	31.8	27.6	111	0.6	24.6	10	524
1333963	SHI	SOIL	8	469785	7091420	1.2	38.5	20.2	86	0.4	25.6	8.9	283
1333964	SHI	SOIL	8	469793	7091398	1.6	33.8	24.1	98	0.4	23.3	9.3	457
1333965	SHI	SOIL	8	469801	7091373	1.2	44.3	21.6	93	0.5	28	9.7	489
1333966	SHI	SOIL	8	469810	7091349	1	21.3	24.5	85	0.7	16.5	7.7	386
1333967	SHI	SOIL	8	469818	7091325	0.7	31.8	19.1	66	0.6	19.9	7.5	445
1333968	SHI	SOIL	8	469827	7091302	0.8	26.5	18.8	74	0.4	18.6	6.5	386

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1331210	2.34	33.5	1.4	8.2	2.9	31	0.2	1.1	0.3	32	0.74	0.067	14
1331211	2.01	27.2	1.5	6.5	2	41	0.3	0.8	0.5	27	1.04	0.067	11
1331211	1.85	26.3	1.5	5.8	1.8	42	0.3	0.9	1	24	0.92	0.07	11
1331212	2.12	27.9	2.2	7.5	2.7	44	0.5	1.2	0.3	35	0.99	0.051	11
1331213	2.16	47.8	2.5	12	2.9	43	0.3	1.5	0.3	29	1.05	0.071	13
1331214	2.61	248.5	1.8	8.5	3.6	23	0.4	1.2	0.3	34	0.59	0.05	16
1331215	2.6	103	2	6.5	2.9	26	0.4	1.3	0.4	37	0.76	0.046	14
1331216	2.59	134.3	1	29.2	4.4	23	0.5	2	0.3	27	0.69	0.08	15
1331217	2.46	18.2	1.1	3.5	3.3	15	0.05	0.6	0.2	44	0.34	0.024	10
1331218	2.29	17.6	0.8	2.8	3.3	17	0.05	0.7	0.4	34	0.34	0.057	13
1331219	3.01	43.5	2	4.9	2.8	32	0.3	1.1	0.2	48	0.88	0.054	16
1331220	2.59	32	1.2	7.2	3	24	0.2	0.9	0.2	39	0.54	0.064	15
1331221	2.7	37.5	0.9	11	4.6	31	0.3	1.2	0.2	37	1.18	0.083	16
1331222	2.22	44.1	0.7	7.4	3.7	15	0.2	1.1	0.2	35	0.32	0.044	12
1331223	2.36	26	1.1	25.5	2	25	0.2	0.8	0.2	37	0.72	0.056	12
1331224	2.38	38.7	1.8	12	2.9	31	0.4	1.5	0.2	34	1.24	0.066	13
1331225	2.37	33.7	2.1	6.2	2.2	32	0.3	1.2	0.2	35	1.01	0.053	13
1331226	2.24	24.8	2.2	8.5	2	36	0.4	1.2	0.3	34	1.31	0.064	11
1331227	2.17	31.1	0.9	5.5	2.9	28	0.4	1.1	0.2	31	0.89	0.067	13
1331228	2.02	25.6	1.4	3.9	1.7	33	0.3	0.8	0.2	31	1.07	0.059	10
1331229	2.65	32.3	2.1	4.9	3.1	20	0.3	0.7	0.3	44	0.55	0.034	13
1331230	2.21	26.3	1.4	7	1.9	35	0.3	1.1	0.2	29	1.27	0.07	11
1331231	2.95	21.7	1.2	4.3	5.9	22	0.3	2.2	0.3	33	0.71	0.111	15
1331232	2.59	20.5	1.4	4.2	2.6	29	0.3	1.2	0.2	34	0.93	0.08	13
1331233	2.11	20.4	1.4	7.2	2.4	37	0.4	1.1	0.2	28	1.21	0.079	12
1333953	2.77	30	3.5	9.6	4.7	38	0.5	1.4	0.2	34	0.72	0.076	15
1333954	2.79	47.8	0.7	8.7	6.9	20	0.4	1.6	0.2	28	0.39	0.094	19
1333955	2.25	34	1.7	5.2	3.7	34	0.4	1.2	0.3	28	0.7	0.064	18
1333956	2.28	29.4	1.5	6.6	3.9	30	0.4	1.1	0.2	29	0.57	0.071	18
1333957	3.17	59.3	1.2	678.2	7.3	25	0.6	2	0.4	28	0.7	0.092	19
1333958	2.46	34.3	2	4.2	3.6	34	0.3	1.1	0.2	27	0.73	0.06	15
1333959	2.35	30.8	1.3	6.9	4	33	0.4	1.3	0.2	27	0.76	0.071	17
1333960	2.3	30.7	3.2	1.6	2.4	47	0.2	1.3	0.3	27	1.01	0.069	16
1333961	2.29	26.9	2.5	3.3	2.3	55	0.2	0.9	0.2	26	1.18	0.067	17
1333962	2.99	66.5	1.4	17.9	6.1	27	0.4	1.7	0.2	30	0.59	0.084	18
1333963	2.54	47.4	1.7	7.2	4	34	0.6	1.5	0.2	27	0.56	0.073	17
1333964	2.52	77.7	1.1	7.2	5.2	30	0.4	2.2	0.3	23	0.54	0.082	17
1333965	2.36	51.1	2	11.6	3.8	31	0.6	1.6	0.3	28	0.59	0.072	18
1333966	2.01	79.8	1	39.4	3.5	34	0.4	2.2	0.4	23	0.67	0.073	14
1333967	1.89	45.4	1.9	11.9	1.8	46	0.6	1.2	0.3	22	0.92	0.055	14
1333968	1.71	65.1	1.5	12.3	2.1	51	0.7	2.1	0.4	19	1.04	0.06	12

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm
1331210	21	0.44	222	0.015	2	0.94	0.006	0.04	0.3	0.06	3.3	0.05	0.025	3
1331211	17	0.37	245	0.013	4	0.83	0.006	0.03	0.2	0.03	2.7	0.05	0.025	3
1331211	16	0.36	252	0.012	4	0.81	0.006	0.03	0.3	0.06	1.9	0.05	0.025	3
1331212	20	0.43	311	0.012	0.5	1	0.006	0.04	0.2	0.06	2.9	0.05	0.025	4
1331213	18	0.45	334	0.016	0.5	0.96	0.007	0.05	0.2	0.04	2.7	0.05	0.025	3
1331214	20	0.53	255	0.018	0.5	1.13	0.008	0.05	0.3	0.03	3	0.1	0.025	4
1331215	21	0.46	250	0.017	0.5	1.09	0.007	0.05	0.4	0.04	3.1	0.1	0.025	4
1331216	17	0.54	155	0.019	0.5	0.91	0.008	0.08	0.9	0.04	2.8	0.1	0.025	3
1331217	25	0.47	285	0.017	2	1.34	0.006	0.04	0.1	0.01	2.8	0.05	0.025	4
1331218	20	0.37	330	0.016	4	0.91	0.006	0.03	0.2	0.07	3.3	0.05	0.025	3
1331219	26	0.46	474	0.02	1	1.43	0.009	0.04	0.6	0.04	3.8	0.05	0.025	4
1331220	22	0.43	347	0.02	2	1.09	0.008	0.04	0.3	0.06	3.1	0.05	0.025	3
1331221	23	0.74	261	0.03	2	1.02	0.01	0.07	0.7	0.06	3.1	0.1	0.025	3
1331222	18	0.39	173	0.02	0.5	0.92	0.006	0.04	0.5	0.02	2.4	0.05	0.025	3
1331223	21	0.47	346	0.013	0.5	1.09	0.007	0.04	0.2	0.03	3	0.05	0.025	3
1331224	22	0.62	331	0.018	0.5	1	0.008	0.06	0.3	0.05	3	0.05	0.025	3
1331225	22	0.49	325	0.016	0.5	0.95	0.007	0.05	0.3	0.04	3	0.05	0.025	3
1331226	20	0.51	359	0.014	1	0.97	0.007	0.05	0.3	0.04	2.9	0.05	0.025	3
1331227	18	0.54	270	0.016	1	0.92	0.008	0.05	0.4	0.05	2.7	0.1	0.025	3
1331228	18	0.39	254	0.013	0.5	0.85	0.007	0.05	0.4	0.03	2.4	0.05	0.025	3
1331229	23	0.46	220	0.022	0.5	1.15	0.008	0.06	0.2	0.03	3.1	0.05	0.025	4
1331230	19	0.4	259	0.011	0.5	0.83	0.007	0.04	0.3	0.05	2.4	0.05	0.025	2
1331231	27	0.44	167	0.007	0.5	1.31	0.005	0.04	0.2	0.03	2.6	0.05	0.025	4
1331232	23	0.4	223	0.012	0.5	0.99	0.006	0.04	0.2	0.05	3.2	0.05	0.025	3
1331233	18	0.36	190	0.013	0.5	0.78	0.006	0.03	0.5	0.04	2.2	0.05	0.025	3
1333953	20	0.39	281	0.019	2	1.07	0.007	0.05	0.2	0.07	3.4	0.05	0.025	3
1333954	18	0.39	138	0.026	0.5	0.84	0.007	0.07	0.4	0.01	2.3	0.05	0.025	3
1333955	20	0.43	192	0.021	2	1.06	0.007	0.05	0.3	0.05	3.4	0.05	0.025	3
1333956	19	0.41	170	0.018	1	1.03	0.007	0.05	0.4	0.05	2.8	0.05	0.025	3
1333957	21	0.67	177	0.042	3	1.08	0.011	0.09	0.5	0.04	3.8	0.2	0.025	4
1333958	19	0.39	224	0.017	0.5	0.98	0.006	0.04	0.4	0.06	2.8	0.05	0.025	3
1333959	19	0.45	214	0.02	2	1.03	0.007	0.05	0.3	0.06	3.2	0.05	0.025	3
1333960	19	0.39	255	0.018	2	1.06	0.006	0.04	0.3	0.08	2.7	0.05	0.025	3
1333961	18	0.39	263	0.021	2	0.99	0.007	0.05	0.3	0.07	2.9	0.05	0.06	3
1333962	20	0.48	153	0.037	0.5	0.98	0.009	0.08	0.6	0.05	3.2	0.1	0.025	3
1333963	19	0.39	180	0.021	2	0.99	0.007	0.07	0.4	0.05	3	0.05	0.025	3
1333964	18	0.44	140	0.025	3	0.99	0.006	0.08	0.4	0.05	2.2	0.1	0.025	3
1333965	19	0.44	206	0.022	1	1.09	0.007	0.07	0.4	0.06	3	0.1	0.025	3
1333966	17	0.4	141	0.023	1	0.9	0.007	0.06	0.7	0.05	2.3	0.05	0.025	3
1333967	16	0.34	191	0.016	0.5	0.83	0.006	0.05	0.2	0.04	2.2	0.05	0.025	3
1333968	13	0.34	150	0.018	1	0.72	0.007	0.05	0.2	0.06	2	0.05	0.025	2

sample_id	se_ppm	te_ppm	analysis_m	job_number	colour	texture	moisture	site_slope	depth	horizon
1331210	1.1	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	80	C
1331211	0.5	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Dry	Subtle Slope	60	C
1331211	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Dry	Subtle Slope	60	C
1331212	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	80	B
1331213	0.6	0.1	1DX15	WHI13000376	Grey	Clay	Damp	Subtle Slope	90	B
1331214	0.7	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	50	C
1331215	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	50	C
1331216	0.6	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1331217	0.25	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	40	B
1331218	0.5	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	50	B
1331219	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Dry	Subtle Slope	40	B
1331220	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Damp	Subtle Slope	50	B
1331221	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1331222	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	50	C
1331223	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Damp	Subtle Slope	70	B
1331224	0.6	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	100	C
1331225	0.6	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	100	C
1331226	0.7	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	80	B
1331227	0.8	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	60	B
1331228	0.8	0.1	1DX15	WHI13000376	Dark Brown	Clay	Dry	Subtle Slope	60	B
1331229	0.25	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	50	B
1331230	1	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	60	B
1331231	0.5	0.1	1DX15	WHI13000376	Bluish Grey	Silt	Dry	Subtle Slope	70	C
1331232	0.8	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	70	B
1331233	0.8	0.1	1DX15	WHI13000376	Dark Brown	Clay	Dry	Subtle Slope	50	B
1333953	1.1	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Flat	50	B
1333954	0.8	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	70	B
1333955	0.8	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1333956	0.25	0.1	1DX15	WHI13000377	Dark Brown	Sand	Damp	Subtle Slope	50	B
1333957	0.8	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	50	C
1333958	0.8	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	50	B
1333959	0.9	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	50	B
1333960	1.6	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	50	B
1333961	1	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	60	B
1333962	0.9	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	50	C
1333963	0.6	0.1	1DX15	WHI13000377	Dark Grey Black	Gravel	Dry	Subtle Slope	80	C
1333964	0.8	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1333965	1.3	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	60	B
1333966	0.25	0.1	1DX15	WHI13000377	Grey	Sand	Damp	Subtle Slope	40	B
1333967	0.6	0.1	1DX15	WHI13000377	Dark Brown	Sand	Damp	Subtle Slope	50	B
1333968	0.6	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	50	B

sample_id	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of_id
1331210	Old Burn	Burnt Moss	Excellent	Coarse	Dull Red Rust		
1331211	Old Burn	Burnt Moss	Good	Coarse			
1331211	Old Burn	Burnt Moss	Good	Coarse			
1331212	Old Burn	Burnt Moss	Good	Coarse			
1331213	Old Burn	Burnt Moss	Good	Coarse			
1331214	Old Burn	Burnt Moss	Excellent	Coarse			
1331215	Old Burn	Burnt Moss	Good	Coarse			
1331216	Old Burn	Burnt Moss	Excellent	Coarse			
1331217	Old Burn	Burnt Moss	Good	Fine			
1331218	Old Burn	Grass Cover	Good	Fine			
1331219	Old Burn	Grass Cover	Good	Coarse			
1331220	Old Burn	Burnt Moss	Good	Coarse	Quartz Chips		
1331221	Old Burn	Burnt Moss	Excellent	Coarse			
1331222	Old Burn	Grass Cover	Excellent	Coarse			
1331223	Old Burn	Burnt Moss	Good	Coarse			
1331224	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips		
1331225	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips		1331224
1331226	Old Burn	Burnt Moss	Good	Coarse			
1331227	Old Burn	Grass Cover	Good	Coarse			
1331228	Old Burn	Grass Cover	Poor	Fine			
1331229	Old Burn	Grass Cover	Poor	Fine	Organic 10%		
1331230	Old Burn	Burnt Moss	Good	Coarse		Partial C Horizon	
1331231	Old Burn	Grass Cover	Excellent	Coarse			
1331232	Old Burn	Burnt Moss	Good	Coarse			
1331233	Old Burn	Burnt Moss	Good	Coarse			
1333953	Old Burn	Thin Moss Cover	Good	Clay	Bright Orange Rust		
1333954	Old Burn	Thin Moss Cover	Excellent	Bright Orange Rust			
1333955	Old Burn	Thin Moss Cover	Good	Coarse	Bright Orange Rust		
1333956	Old Burn	Grass Cover	Good	Bright Orange Rust			
1333957	Black Spruce	Reindeer Moss	Good	Coarse	Bright Orange Rust		
1333958	Black Spruce	Reindeer Moss	Good	Bright Orange Rust			
1333959	Black Spruce	Reindeer Moss	Good	Bright Orange Rust			
1333960	Black Spruce	Reindeer Moss	Good	Bright Orange Rust			
1333961	Black Spruce	Thin Moss Cover	Good	Bright Orange Rust			
1333962	Black Spruce	Reindeer Moss	Good	Coarse			
1333963	Black Spruce	Bare Soil	Good	Fine	Clay		
1333964	Black Spruce	Reindeer Moss	Good	Clay	Bright Orange Rust		
1333965	Black Spruce	Reindeer Moss	Good	Bright Orange Rust	Clay		
1333966	Black Spruce	Reindeer Moss	Good	Bright Orange Rust	Clay		
1333967	Black Spruce	Sphagnum Moss < 30cm	Good	Dull Red Rust	Small Sample		
1333968	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Bright Orange Rust		

sample_id	project	sample	zone	easting	northing	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1333969	SHI	SOIL	8	469834	7091279	0.6	32.4	19.2	70	0.5	21.5	8	277
1333970	SHI	SOIL	8	469843	7091254	1.1	34.5	19.7	83	0.5	23.2	7.1	378
1333971	SHI	SOIL	8	469851	7091231	0.8	40.8	18.9	66	0.4	24.3	7.5	399
1333972	SHI	SOIL	8	469860	7091208	0.7	36.4	18.4	70	0.5	20.4	5.7	116
1333973	SHI	SOIL	8	469868	7091184	0.6	43.9	21.1	75	0.5	26	7.5	372
1333974	SHI	SOIL	8	469876	7091160	1.6	40.8	23.2	99	0.5	28.9	9.6	564
1333975	SHI	SOIL	8	469876	7091160	0.8	52	23.2	92	0.5	28.5	9	419
1333976	SHI	SOIL	8	469885	7091137	1.3	46.2	24	96	0.5	29.8	10.8	205
1333977	SHI	SOIL	8	469893	7091114	1.4	47.2	21	95	0.4	26.8	10.8	832
1333978	SHI	SOIL	8	469901	7091090	1.2	54.1	24	96	0.4	30.1	9.9	448
1333979	SHI	SOIL	8	469909	7091066	1.2	49.7	20.9	99	0.4	29.1	9.4	473
1333980	SHI	SOIL	8	469918	7091042	1.3	49.4	21.8	96	0.4	30.7	11	510
1333981	SHI	SOIL	8	469926	7091018	1.5	42.2	19.7	91	0.4	26	11.6	565
1333982	SHI	SOIL	8	469935	7090994	1.1	53.4	19.3	63	0.4	28.2	10.3	593
1333983	SHI	SOIL	8	469943	7090971	1.4	32.6	19.2	62	0.2	24	9.6	418
1333984	SHI	SOIL	8	469951	7090947	1.4	36.8	19.7	63	0.2	22.2	9.4	452
1333985	SHI	SOIL	8	469959	7090924	1.5	54.2	31.3	101	0.4	32.1	11.4	553
1333986	SHI	REP	8	469967	7090901	1.4	45.9	19.9	89	0.3	25.8	9.2	418
1333986	SHI	SOIL	8	469967	7090901	1.2	45.7	20.3	89	0.3	27.4	9.9	416
1333986	SHI	REP	8	469967	7090901	1.3	45.8	20.1	90	0.3	28.3	9.9	422
1339273	SHI	SOIL	8	469136	7091455	1	37.8	17.3	83	0.2	25.1	9.7	284
1339274	SHI	SOIL	8	469150	7091433	4.9	38.2	16.7	82	0.3	33	10.4	496
1339275	SHI	SOIL	8	469150	7091433	4.9	37.5	17.2	81	0.2	32	10.3	395
1339251	SHI	SOIL	8	469154	7091411	5.1	31	16.8	68	0.2	20.1	6.5	265
1339288	SHI	SOIL	8	469160	7091385	1.5	19.6	16	90	0.2	17.9	9.7	342
1339289	SHI	SOIL	8	469169	7091362	0.5	28.5	15.2	84	0.2	19.3	7.4	181
1339290	SHI	REP	8	469181	7091340	0.9	29.7	14.3	76	0.3	21.9	7.2	433
1339290	SHI	SOIL	8	469181	7091340	0.7	30.4	13.7	76	0.3	22.3	7.5	434
1339291	SHI	SOIL	8	469186	7091317	1.8	22.1	15.6	86	0.2	19.3	9	287
1339292	SHI	SOIL	8	469195	7091292	0.6	27.5	17	75	0.2	19.4	7	181
1339293	SHI	SOIL	8	469206	7091269	1.6	24.6	33.7	141	0.2	23.3	10.2	795
1339294	SHI	SOIL	8	469211	7091246	1.1	23.9	21.5	84	0.3	20.4	8.8	607
1339296	SHI	SOIL	8	469221	7091222	0.8	24.8	17.1	73	0.2	20.5	8.8	663
1339297	SHI	SOIL	8	469230	7091198	1.1	32.4	15	92	0.2	27.7	10.8	879
1339298	SHI	SOIL	8	469240	7091174	1.8	33.1	29.2	104	0.3	25.8	10.6	874
1339299	SHI	SOIL	8	469245	7091151	1.9	30.7	27.7	129	0.1	25.2	12.3	594
1339300	SHI	SOIL	8	469255	7091128	1.6	40.6	17.8	111	0.4	29.7	10.6	442
1339301	SHI	SOIL	8	469264	7091103	1.1	31.3	13.4	73	0.2	19.5	7.3	439
1339302	SHI	SOIL	8	469283	7091057	0.6	30.2	12.4	81	0.2	18.9	7.7	267
1339303	SHI	SOIL	8	469292	7091034	1.9	41.6	20.7	110	0.4	30.8	10.6	574
1339304	SHI	SOIL	8	469298	7091008	0.7	36	14.3	77	0.2	19.7	7.9	336

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1333969	1.99	40.1	2	6.4	2.1	54	0.5	1.4	0.4	26	1.1	0.055	14
1333970	2.07	48.3	2.1	7.8	2.3	48	0.7	1.8	0.4	24	1.01	0.058	13
1333971	2.02	48.9	2.3	5.4	1.8	53	0.6	1.7	0.3	25	1.14	0.06	14
1333972	1.36	29.8	2.4	10.7	1.8	51	0.6	1.9	0.4	25	1	0.056	12
1333973	1.85	30.7	2.6	8.8	2.2	47	0.6	1.9	0.3	24	0.94	0.059	13
1333974	2.51	83.6	1.1	8.1	5.3	29	0.7	2.3	0.5	27	0.51	0.085	18
1333975	1.93	38.6	2.9	11.4	3.6	40	0.6	2	0.4	28	0.82	0.054	16
1333976	2.19	54.5	2.2	9.6	3.7	32	0.8	2.2	0.4	26	0.64	0.061	16
1333977	2.09	43.9	1.6	13.3	3.2	38	0.6	1.9	0.3	25	0.73	0.067	15
1333978	2.23	48.8	1.9	7.1	3.3	36	0.6	2	0.3	22	0.69	0.068	14
1333979	2.4	43.7	1.2	16.4	4.1	40	0.6	1.6	0.3	27	0.79	0.076	17
1333980	2.37	42.6	1.4	10.1	4.2	35	0.7	1.7	0.3	25	0.67	0.077	17
1333981	2.51	48.6	1.1	10.4	4.1	42	0.7	1.5	0.2	28	0.79	0.075	17
1333982	2.3	40.9	1.8	6	2.1	53	0.6	1.2	0.3	29	1.16	0.051	16
1333983	2.33	68.7	1.2	8.3	3.4	31	0.1	1.2	0.3	29	0.55	0.056	16
1333984	2.26	47.1	1.3	12.1	4.5	22	0.2	1.3	0.3	29	0.41	0.035	18
1333985	2.83	66.6	1.4	8.8	6	29	0.7	1.6	0.3	26	0.72	0.066	18
1333986	2.44	48.6	1	9.8	5.3	26	0.4	1.3	0.3	27	0.86	0.083	16
1333986	2.49	47.7	0.7	9.8	5.4	25	0.6	1.4	0.3	27	0.85	0.082	16
1333986	2.5	48	0.7	14.4	5.3	25	0.5	1.4	0.3	26	0.87	0.083	16
1339273	2.41	33.2	3.6	5.8	4.4	31	0.8	1.1	0.2	32	0.68	0.067	15
1339274	2.79	17.1	2.5	7.4	5.5	27	0.5	1.1	0.2	21	0.51	0.109	22
1339275	2.84	17.9	2.4	7.8	6.3	29	0.4	1.1	0.3	19	0.46	0.107	22
1339251	2.04	22.6	2.7	7.2	3.5	27	0.4	0.7	0.2	24	0.59	0.076	16
1339288	2.49	41.9	1.8	14.3	3.5	30	0.4	0.7	0.2	28	0.67	0.077	13
1339289	1.73	21	3.1	5.4	3.6	32	0.7	0.7	0.2	28	0.68	0.071	13
1339290	1.61	20	2.8	3.4	2.5	32	0.4	0.7	0.1	19	0.75	0.052	11
1339290	1.63	18.5	2.5	6.9	2.4	30	0.5	0.7	0.1	20	0.74	0.05	11
1339291	2.88	50.8	1.7	3.1	3.9	25	0.3	0.9	0.2	26	0.54	0.07	12
1339292	1.83	24.6	2.3	7.8	3.5	26	0.4	0.6	0.2	29	0.56	0.054	14
1339293	3.04	43.3	1.7	5.7	5.9	29	0.4	1.2	0.3	32	0.69	0.089	14
1339294	2.17	27.7	1.6	4.3	3.4	31	0.3	1.3	0.2	25	0.76	0.063	12
1339296	2.27	34.3	1.9	37.6	4	31	0.4	0.9	0.2	27	0.68	0.065	15
1339297	2.12	26.6	1	3.5	3.6	21	0.2	0.8	0.2	21	0.42	0.061	12
1339298	2.08	30.6	1	3.2	3.9	26	0.4	1.5	0.2	19	0.56	0.12	14
1339299	3.12	75.8	0.8	7.5	4.8	25	0.4	1.7	0.4	33	0.51	0.085	12
1339300	2.52	55.1	1.1	9.4	3.8	29	0.4	1.4	0.5	21	0.41	0.062	12
1339301	1.81	33.1	1.1	23	2.3	33	0.4	1	0.2	20	0.67	0.04	10
1339302	1.42	17.8	1.4	5.4	3.2	31	0.4	0.7	0.1	24	0.65	0.057	12
1339303	2.71	59	0.6	12.6	5.6	20	0.4	1.8	0.3	28	0.49	0.09	15
1339304	2.02	35.3	1.3	3.3	3.4	27	0.5	1.1	0.1	23	0.64	0.07	12

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm
1333969	18	0.37	215	0.019	2	0.97	0.006	0.05	0.2	0.06	2.7	0.05	0.025	3
1333970	19	0.39	186	0.018	2	0.98	0.007	0.07	0.3	0.07	2.5	0.05	0.06	3
1333971	17	0.36	184	0.017	0.5	0.9	0.006	0.05	0.2	0.07	2.4	0.05	0.06	3
1333972	16	0.35	218	0.017	2	0.9	0.006	0.04	0.2	0.07	2.4	0.05	0.13	3
1333973	18	0.35	222	0.015	2	0.97	0.005	0.05	0.2	0.08	2.8	0.05	0.1	3
1333974	19	0.4	171	0.028	2	0.9	0.007	0.06	0.4	0.05	3.1	0.1	0.025	3
1333975	19	0.39	255	0.02	1	1.03	0.006	0.06	0.3	0.07	3.3	0.05	0.07	3
1333976	20	0.4	209	0.023	1	1.01	0.006	0.05	0.3	0.05	3.2	0.05	0.025	3
1333977	18	0.42	249	0.021	1	1.02	0.006	0.06	0.4	0.06	2.7	0.05	0.05	3
1333978	17	0.41	195	0.015	0.5	0.95	0.005	0.05	0.2	0.06	2.7	0.05	0.025	3
1333979	19	0.44	228	0.023	3	1.05	0.007	0.07	0.4	0.07	3.2	0.05	0.025	3
1333980	20	0.43	242	0.023	2	0.99	0.007	0.06	0.4	0.06	3.1	0.05	0.025	3
1333981	20	0.45	262	0.028	0.5	0.97	0.007	0.07	0.7	0.04	3.1	0.1	0.025	3
1333982	18	0.4	375	0.016	1	1.01	0.007	0.05	0.3	0.06	2.6	0.05	0.05	3
1333983	18	0.39	302	0.016	0.5	1.04	0.008	0.05	0.4	0.04	2.8	0.05	0.025	3
1333984	17	0.34	215	0.018	0.5	0.98	0.007	0.05	0.9	0.04	3	0.05	0.025	3
1333985	19	0.56	214	0.027	2	1.03	0.011	0.09	0.8	0.06	3.2	0.1	0.025	3
1333986	17	0.65	165	0.031	1	0.81	0.009	0.06	0.8	0.05	3.1	0.1	0.025	2
1333986	16	0.66	166	0.029	2	0.8	0.009	0.06	0.7	0.04	2.7	0.1	0.025	3
1333986	16	0.67	164	0.029	3	0.81	0.01	0.07	0.6	0.05	2.9	0.1	0.025	2
1339273	19	0.38	197	0.019	3	0.96	0.007	0.05	0.3	0.06	2.9	0.05	0.07	3
1339274	17	0.36	153	0.011	3	0.85	0.004	0.03	0.2	0.04	2.1	0.05	0.025	2
1339275	16	0.38	126	0.009	3	0.82	0.004	0.03	0.1	0.05	1.9	0.05	0.025	2
1339251	15	0.36	147	0.015	2	0.8	0.005	0.04	0.2	0.05	2	0.05	0.06	2
1339288	17	0.39	164	0.016	2	0.88	0.006	0.04	0.3	0.04	2.3	0.05	0.025	3
1339289	17	0.37	218	0.017	3	0.91	0.006	0.04	0.2	0.05	2.4	0.1	0.09	3
1339290	14	0.3	111	0.014	2	0.66	0.005	0.03	0.3	0.04	1.9	0.05	0.025	2
1339290	14	0.29	116	0.014	2	0.64	0.005	0.03	0.2	0.03	1.8	0.05	0.05	2
1339291	15	0.36	110	0.014	0.5	0.78	0.005	0.04	0.3	0.02	1.8	0.05	0.025	2
1339292	18	0.37	192	0.015	2	0.91	0.006	0.04	0.2	0.04	2.4	0.05	0.05	3
1339293	20	0.52	131	0.041	3	1.07	0.009	0.1	0.5	0.01	3.3	0.2	0.025	4
1339294	18	0.41	142	0.02	4	0.86	0.007	0.05	0.2	0.04	2.3	0.05	0.025	3
1339296	17	0.54	172	0.024	1	0.95	0.007	0.06	0.3	0.04	2.2	0.05	0.025	3
1339297	16	0.43	270	0.019	0.5	0.84	0.005	0.05	0.4	0.02	1.9	0.05	0.025	3
1339298	16	0.34	149	0.013	1	0.74	0.004	0.04	0.3	0.04	2	0.05	0.025	2
1339299	19	0.48	113	0.033	0.5	0.94	0.007	0.09	0.5	0.01	2.7	0.1	0.025	3
1339300	17	0.31	124	0.024	0.5	0.76	0.006	0.06	0.4	0.03	2.5	0.05	0.025	3
1339301	14	0.28	119	0.015	0.5	0.67	0.005	0.04	0.4	0.03	1.7	0.05	0.025	2
1339302	15	0.3	178	0.02	0.5	0.73	0.005	0.04	0.3	0.05	2	0.05	0.025	2
1339303	20	0.42	150	0.025	0.5	0.86	0.008	0.06	0.5	0.04	2.6	0.1	0.025	3
1339304	15	0.32	221	0.016	1	0.75	0.005	0.04	0.2	0.05	2.1	0.05	0.08	2

sample_id	se_ppm	te_ppm	analysis_m	job_number	colour	texture	moisture	site_slope	depth	horizon
1333969	1.2	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	60	B
1333970	0.7	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	50	B
1333971	1.2	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	60	B
1333972	0.9	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	50	B
1333973	1.3	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	60	B
1333974	1	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1333975	1.6	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1333976	1.3	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	40	B
1333977	0.6	0.1	1DX15	WHI13000377	Dark Brown	Sand	Damp	Subtle Slope	50	B
1333978	1.3	0.1	1DX15	WHI13000377	Dark Grey Black	Gravel	Damp	Subtle Slope	110	B
1333979	0.8	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Wet	Subtle Slope	80	B
1333980	1.1	0.1	1DX15	WHI13000377	Dark Blue Black	Sand	Damp	Subtle Slope	70	B
1333981	0.5	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	40	B
1333982	0.7	0.1	1DX15	WHI13000377	Dark Blue Black	Sand	Damp	Subtle Slope	40	B
1333983	0.6	0.1	1DX15	WHI13000377	Dark Brown	Sand	Damp	Subtle Slope	50	B
1333984	0.6	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Dry	Subtle Slope	30	B
1333985	1.1	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1333986	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	80	B
1333986	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	80	B
1333986	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	80	B
1339273	0.9	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	60	B
1339274	1	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	70	C
1339275	0.9	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	70	C
1339251	1	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	110	C
1339288	0.9	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	80	C
1339289	0.9	0.1	1DX15	WHI13000376	Dark Brown	Silt	Dry	Subtle Slope	60	B
1339290	0.5	0.1	1DX15	WHI13000376	Dark Brown	Silt	Dry	Subtle Slope	60	C
1339290	1	0.1	1DX15	WHI13000376	Dark Brown	Silt	Dry	Subtle Slope	60	C
1339291	0.7	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	70	C
1339292	0.5	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Dry	Subtle Slope	100	B
1339293	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1339294	0.5	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	40	C
1339296	0.6	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	60	C
1339297	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	50	C
1339298	0.25	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	60	C
1339299	0.8	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	50	C
1339300	0.6	0.1	1DX15	WHI13000376	Bluish Grey	Sand	Dry	Subtle Slope	40	C
1339301	0.25	0.1	1DX15	WHI13000376	Dark Brown	Silt	Dry	Subtle Slope	50	B
1339302	0.6	0.1	1DX15	WHI13000376	Dark Brown	Silt	Dry	Subtle Slope	60	B
1339303	0.25	0.1	1DX15	WHI13000376	Dark Brown	Silt	Wet	Subtle Slope	100	B
1339304	0.6	0.1	1DX15	WHI13000376	Grey	Silt	Dry	Subtle Slope	60	B

sample_id	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of_id
1333969	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%			
1333970	Black Spruce	Reindeer Moss	Good	Bright Orange Rust			
1333971	Black Spruce	Reindeer Moss	Good				
1333972	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%			
1333973	Black Spruce	Reindeer Moss	Good	Organic 10%	Partially Frozen		
1333974	Black Spruce	Reindeer Moss	Good	Clay			
1333975	Black Spruce	Reindeer Moss	Good	Clay			1333974
1333976	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Clay		
1333977	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Clay		
1333978	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Fine		
1333979	Black Spruce	Reindeer Moss	Good	Clay			
1333980	Black Spruce	Reindeer Moss	Good	Clay	Bright Orange Rust		
1333981	Black Spruce	Sphagnum Moss < 30cm	Good	Clay			
1333982	Old Burn	Burnt Moss	Good	Clay	Bright Orange Rust		
1333983	Black Spruce	Sphagnum Moss < 30cm	Good				
1333984	Black Spruce	Burnt Moss	Good				
1333985	Old Burn	Thin Moss Cover	Good	Bright Orange Rust	Clay		
1333986	Black Spruce	Reindeer Moss	Good	Clay			
1333986	Black Spruce	Reindeer Moss	Good	Clay			
1333986	Black Spruce	Reindeer Moss	Good	Clay			
1339273	Old Burn	Burnt Moss	Good				
1339274	Willows	Burnt Moss	Good	Bright Orange Rust			
1339275	Willows	Burnt Moss	Good	Bright Orange Rust			1339274
1339251	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339288	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339289	Old Burn	Burnt Moss	Poor	Partially Frozen			
1339290	Old Burn	Burnt Moss	Good	Rocky	Bright Orange Rust		
1339290	Old Burn	Burnt Moss	Good	Rocky	Bright Orange Rust		
1339291	Old Burn	Burnt Moss	Good	Coarse			
1339292	Old Burn	Burnt Moss	Good				
1339293	Old Burn	Burnt Moss	Good	Rocky			
1339294	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339296	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339297	Old Burn	Burnt Moss	Good	Rocky			
1339298	Old Burn	Burnt Moss	Good	Rocky			
1339299	Old Burn	Burnt Moss	Good	Rocky			
1339300	Old Burn	Burnt Moss	Good	Rocky			
1339301	Old Burn	Burnt Moss	Good	Rocky			
1339302	Old Burn	Burnt Moss	Poor	Coarse	Partially Frozen		
1339303	Old Burn	Burnt Moss	Good	Possible Creek Contamination			
1339304	Old Burn	Grass Cover	Good	Partially Frozen			

sample_id	project	sample	zone	easting	northing	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1339304	SHI	REP	8	469298	7091008	0.7	35	14.1	78	0.2	18.8	7.8	333
1339305	SHI	SOIL	8	469308	7090988	1.7	41.4	22.1	71	0.3	28.5	11.2	682
1339306	SHI	SOIL	8	469314	7090961	0.9	36	12.7	65	0.2	25.8	9.3	373
1339307	SHI	SOIL	8	469322	7090940	2.4	56.6	24.9	108	0.4	35.5	12.1	540
1339308	SHI	SOIL	8	469330	7090915	1.4	41.4	17.3	89	0.3	28.9	10.6	416
1339309	SHI	SOIL	8	469336	7090891	1	24	15.4	68	0.2	20.4	9.5	609
1339310	SHI	SOIL	8	469346	7090867	1	31.9	17.1	60	0.2	24.5	9.4	437
1339311	SHI	SOIL	8	469354	7090843	1.5	39.8	23.5	72	0.4	26.5	10.8	663
1339312	SHI	SOIL	8	469363	7090819	1.5	41	19.8	81	0.3	25.8	11	526
1339313	SHI	SOIL	8	469369	7090796	1.5	30.4	18.7	72	0.3	24.2	10.3	539
1339314	SHI	SOIL	8	469378	7090772	0.6	31.8	15.1	64	0.2	21.3	7.6	319
1339315	SHI	SOIL	8	469386	7090749	0.7	61.2	12.2	56	0.3	19.3	9.1	368
1339316	SHI	SOIL	8	469393	7090725	1.7	132.1	19.9	68	0.4	29.4	9.7	416
1334884	SHI	SOIL	8	468419	7090781	0.9	29.5	22.8	73	0.3	31.3	11.7	672
1334885	SHI	SOIL	8	468429	7090758	1.1	37.4	18.2	68	0.3	24.2	9.9	539
1334886	SHI	SOIL	8	468437	7090736	1.1	45.7	18.2	77	0.3	26.8	9.3	215
1334886	SHI	REP	8	468437	7090736	1	44.5	18.1	75	0.3	26	9.3	203
1334888	SHI	SOIL	8	468454	7090687	1.3	36.5	24.1	93	0.5	29.5	10.3	596
1334889	SHI	SOIL	8	468462	7090665	1	34.7	24.6	93	0.3	25.6	7.9	283
1334887	SHI	SOIL	8	468447	7090712	1.5	31.7	22	76	0.3	23	10.7	730
1334890	SHI	SOIL	8	468468	7090640	0.4	15.8	12.2	71	0.1	15.8	7.3	235
1334891	SHI	SOIL	8	468479	7090618	1.8	47.3	47.6	182	0.6	29.6	10.2	608
1334892	SHI	SOIL	8	468486	7090593	1.8	39.7	28.8	122	0.4	26.8	8.8	414
1334893	SHI	SOIL	8	468495	7090569	0.8	19.1	17.5	81	0.2	16.8	8.8	493
1334894	SHI	SOIL	8	468502	7090546	0.3	13	9.4	59	0.2	12.8	5	228
1334895	SHI	SOIL	8	468511	7090523	0.6	22	14.9	79	0.2	17.3	6.5	398
1334896	SHI	SOIL	8	468519	7090497	0.7	32.3	18.5	83	0.2	18.3	6.4	321
1334897	SHI	SOIL	8	468529	7090476	0.4	24.4	14.5	72	0.2	16	5.7	371
1334898	SHI	SOIL	8	468535	7090454	0.3	26.4	16.5	74	0.2	15.5	4.3	278
1334899	SHI	SOIL	8	468544	7090428	0.8	25.4	17.9	75	0.3	16.9	7.6	467
1334900	SHI	SOIL	8	468553	7090405	1.6	50.1	25.1	92	0.5	31.4	10.2	449
1331472	SHI	SOIL	8	468559	7090380	1.8	37.3	24.2	81	0.3	27.2	10.7	589
1331473	SHI	SOIL	8	468568	7090359	1.5	35.9	23.5	72	0.4	24.4	9.2	531
1331474	SHI	SOIL	8	468577	7090333	1.8	71	17.7	63	0.4	26.5	10.8	968
1331475	SHI	SOIL	8	468585	7090312	2.5	47.9	14.4	63	0.3	24.1	10.6	539
1331495	SHI	SOIL	8	468594	7090286	2.6	70.8	17.2	67	0.2	33	14.5	716
1331496	SHI	SOIL	8	468601	7090262	1.1	124.5	15.6	58	0.3	26.1	10.3	514
1331497	SHI	SOIL	8	468609	7090239	1.1	45.9	13.3	61	0.3	26.6	9.1	393
1331498	SHI	SOIL	8	468617	7090217	1.1	43.9	14.7	49	0.3	25	9.3	483
1331499	SHI	SOIL	8	468626	7090192	1	35.7	15	56	0.1	25.7	9.1	270
1331500	SHI	SOIL	8	468634	7090169	0.9	37.9	15	58	0.2	26.4	9.3	369

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1339304	2	34.2	1.2	4	3.4	27	0.5	1.2	0.2	22	0.61	0.068	11
1339305	2.41	72.4	1.1	15	4.7	22	0.4	1.6	0.3	26	0.44	0.049	15
1339306	2.24	29.5	0.9	4.2	3.4	26	0.3	0.8	0.2	32	0.48	0.083	15
1339307	2.78	79.2	0.7	16.8	5.6	29	0.5	2.4	0.3	28	0.92	0.087	18
1339308	2.58	40.6	1.4	7.8	3.3	37	0.5	1.3	0.2	31	0.87	0.085	14
1339309	2.22	35.5	0.9	5.3	2	43	0.3	0.8	0.2	30	1.06	0.054	11
1339310	2.42	38.4	1.4	22.2	3	37	0.2	0.9	0.2	35	0.9	0.045	14
1339311	2.71	65.8	1.3	9.4	4.4	23	0.4	1.1	0.3	38	0.56	0.051	16
1339312	2.74	58.8	1.1	12.5	3.9	31	0.4	1.2	0.3	34	0.78	0.077	14
1339313	2.44	46.4	1.4	9.9	3	38	0.4	1	0.2	30	1.12	0.047	12
1339314	1.92	40.9	2.2	3.5	2	50	0.5	2.2	0.2	27	1.42	0.054	11
1339315	1.95	40.7	1	3.5	1.6	35	0.2	0.7	0.2	30	0.97	0.055	10
1339316	2.45	104.2	2.6	5.7	4.2	25	0.4	1.3	0.2	32	0.58	0.048	14
1334884	2.48	29.7	2.3	7.3	3.3	30	0.3	0.9	0.2	30	0.76	0.061	14
1334885	2.29	21.1	2.3	19.7	2.1	50	0.4	0.9	0.2	28	1.2	0.066	12
1334886	2.42	24.8	2.3	9.1	3.9	32	0.4	0.8	0.2	37	0.7	0.064	17
1334886	2.48	25	2.4	3.9	4	31	0.4	0.8	0.2	37	0.68	0.065	17
1334888	2.15	24.8	2.3	7.8	2.5	45	0.7	1.2	0.2	22	1.06	0.068	11
1334889	2.16	27.8	2.9	7.1	3	43	0.6	1.3	0.2	24	1.04	0.068	13
1334887	2.33	32.7	1.4	7	2.9	30	0.3	0.9	0.2	26	0.7	0.071	14
1334890	1.76	25.5	1.6	7.3	2.7	35	0.4	0.5	0.1	19	0.89	0.051	12
1334891	2.75	66.4	1.1	10.4	5.8	25	1.2	1.8	0.3	25	0.51	0.077	20
1334892	2.54	76.6	1	46.2	5	28	0.6	1.6	0.3	27	0.59	0.062	15
1334893	2.08	35.1	2.1	4.7	2	38	0.3	0.7	0.2	20	0.87	0.062	12
1334894	1.37	16.8	1.1	3.5	2.9	19	0.2	0.4	0.05	18	0.42	0.039	12
1334895	1.69	27.1	2	3.8	1.8	43	0.5	0.6	0.1	20	1.01	0.051	11
1334896	1.84	29	2.8	9.8	1.6	44	0.5	0.7	0.2	22	1.18	0.052	11
1334897	1.56	24.4	2	11.4	1.7	41	0.4	0.5	0.1	20	1	0.049	11
1334898	1.57	17	1.7	5.9	2.5	36	0.3	0.7	0.1	22	0.89	0.052	12
1334899	1.85	27.5	1.5	19.6	1.5	55	0.3	0.7	0.2	22	1.45	0.061	10
1334900	2.68	57.3	1.2	8.4	5.1	26	0.5	1.7	0.3	28	0.6	0.075	17
1331472	2.78	62.9	1.1	8.3	4.8	21	0.3	1.6	0.3	29	0.44	0.034	17
1331473	2.18	45.9	1.1	8.6	3.3	39	0.3	1.4	0.2	26	1.06	0.058	13
1331474	2.04	29.4	2.3	4.6	1.3	60	0.4	1	0.2	23	1.95	0.058	8
1331475	2.3	18.6	1.6	8.1	2.7	35	0.2	0.9	0.2	35	0.83	0.06	13
1331495	2.33	18.1	1.8	4.4	3.5	31	0.2	0.6	0.2	34	0.68	0.042	13
1331496	2.29	23.2	1	4.3	3.8	26	0.2	0.8	0.3	49	0.57	0.028	14
1331497	2.19	22	1	3.3	2.4	31	0.2	0.8	0.2	32	0.85	0.065	14
1331498	2.41	18.8	1	1.5	2.4	28	0.2	0.6	0.2	41	0.79	0.043	15
1331499	2.58	21.9	0.8	3.6	3.7	15	0.2	0.7	0.2	47	0.31	0.03	15
1331500	2.45	30.1	0.8	6.6	3.3	17	0.1	0.7	0.2	34	0.41	0.048	14

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm
1339304	15	0.32	214	0.016	0.5	0.73	0.004	0.04	0.3	0.05	2	0.05	0.07	2
1339305	18	0.36	133	0.025	0.5	0.84	0.006	0.04	0.7	0.04	2.3	0.05	0.025	3
1339306	18	0.35	190	0.029	0.5	0.8	0.007	0.05	0.2	0.04	2.6	0.05	0.025	2
1339307	21	0.65	177	0.023	1	0.94	0.008	0.1	0.6	0.05	2.7	0.1	0.025	3
1339308	20	0.39	209	0.027	1	0.96	0.006	0.05	0.3	0.06	2.9	0.05	0.025	3
1339309	19	0.35	201	0.021	0.5	0.84	0.006	0.04	0.3	0.06	2.4	0.05	0.025	3
1339310	22	0.45	245	0.027	3	1	0.008	0.04	0.5	0.04	2.8	0.05	0.025	3
1339311	23	0.45	227	0.029	2	1.08	0.007	0.05	0.6	0.03	3.3	0.05	0.025	3
1339312	21	0.42	227	0.028	4	0.87	0.008	0.05	0.5	0.04	3	0.05	0.025	3
1339313	20	0.42	222	0.022	4	0.87	0.007	0.04	0.5	0.03	2.5	0.05	0.025	3
1339314	18	0.41	266	0.018	3	0.87	0.007	0.04	0.2	0.04	2.3	0.05	0.06	3
1339315	19	0.35	208	0.017	0.5	0.89	0.005	0.04	0.2	0.04	2.3	0.05	0.025	3
1339316	20	0.38	127	0.021	3	0.96	0.007	0.05	0.6	0.04	2.9	0.05	0.025	3
1334884	31	0.59	226	0.016	1	1.06	0.006	0.04	0.2	0.04	2.9	0.05	0.025	3
1334885	19	0.41	295	0.015	2	1.01	0.006	0.04	0.2	0.05	2.4	0.05	0.025	3
1334886	22	0.43	266	0.023	1	1.16	0.007	0.05	0.2	0.07	3.3	0.05	0.025	3
1334886	23	0.42	259	0.023	2	1.14	0.007	0.05	0.2	0.07	3.3	0.05	0.025	3
1334888	19	0.36	183	0.014	2	0.86	0.006	0.04	0.4	0.06	2.2	0.05	0.025	3
1334889	19	0.36	171	0.016	2	0.94	0.005	0.04	0.3	0.07	2.1	0.05	0.025	3
1334887	20	0.4	240	0.016	1	1	0.006	0.04	0.2	0.05	2.5	0.05	0.025	3
1334890	14	0.35	108	0.021	1	0.69	0.005	0.04	0.6	0.03	1.5	0.05	0.025	2
1334891	18	0.36	130	0.025	0.5	0.81	0.007	0.07	0.9	0.02	2.7	0.1	0.025	3
1334892	17	0.39	128	0.026	1	0.86	0.008	0.06	0.7	0.02	2.3	0.05	0.025	3
1334893	15	0.35	150	0.016	2	0.78	0.005	0.04	0.7	0.04	1.7	0.05	0.025	3
1334894	12	0.28	88	0.018	0.5	0.58	0.004	0.03	0.4	0.01	1.2	0.05	0.025	2
1334895	14	0.34	139	0.015	2	0.73	0.005	0.05	0.2	0.03	1.6	0.05	0.025	2
1334896	15	0.33	170	0.014	2	0.79	0.005	0.04	0.6	0.05	1.7	0.05	0.025	3
1334897	13	0.32	135	0.016	2	0.72	0.005	0.04	0.3	0.04	1.7	0.05	0.025	2
1334898	14	0.34	162	0.018	1	0.78	0.005	0.03	0.3	0.05	1.9	0.05	0.025	2
1334899	15	0.35	216	0.015	1	0.77	0.006	0.04	0.2	0.05	1.8	0.05	0.05	2
1334900	20	0.47	197	0.019	4	1.11	0.007	0.07	0.4	0.05	2.9	0.1	0.025	3
1331472	19	0.37	197	0.019	1	1.06	0.006	0.06	0.3	0.03	2.8	0.1	0.025	3
1331473	18	0.38	236	0.017	2	0.93	0.005	0.05	0.5	0.04	2.4	0.05	0.025	3
1331474	18	0.44	293	0.01	2	0.9	0.004	0.03	0.1	0.06	1.7	0.05	0.05	3
1331475	20	0.41	346	0.019	2	1.02	0.006	0.04	0.2	0.06	2.5	0.05	0.025	3
1331495	21	0.44	674	0.013	2	1.15	0.005	0.04	0.2	0.03	2.4	0.05	0.025	3
1331496	26	0.36	471	0.014	2	1.73	0.006	0.04	0.4	0.03	3.4	0.1	0.025	5
1331497	19	0.35	306	0.018	2	0.96	0.007	0.03	0.3	0.04	2.7	0.05	0.025	3
1331498	22	0.33	333	0.016	1	1.25	0.006	0.05	0.3	0.03	3.2	0.05	0.025	4
1331499	24	0.35	283	0.021	1	1.39	0.006	0.04	0.2	0.02	3.4	0.05	0.025	4
1331500	20	0.4	256	0.02	1	1.04	0.007	0.04	0.4	0.04	2.9	0.05	0.025	3

sample_id	se_ppm	te_ppm	analysis_m	job_number	colour	texture	moisture	site_slope	depth	horizon
1339304	0.25	0.1	1DX15	WHI13000376	Grey	Silt	Dry	Subtle Slope	60	B
1339305	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	40	C
1339306	0.25	0.1	1DX15	WHI13000376	Light Brown	Silt	Dry	Subtle Slope	50	C
1339307	0.8	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Dry	Subtle Slope	70	C
1339308	0.7	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	80	B
1339309	0.5	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Dry	Subtle Slope	50	B
1339310	0.25	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	70	C
1339311	0.25	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	40	C
1339312	0.5	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Dry	Subtle Slope	60	C
1339313	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	B
1339314	0.6	0.1	1DX15	WHI13000376	Dark Brown	Silt	Dry	Subtle Slope	80	B
1339315	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Silt	Dry	Subtle Slope	50	B
1339316	0.7	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	40	C
1334884	0.6	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	40	B
1334885	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Silt	Damp	Subtle Slope	80	B
1334886	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334886	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334888	1.1	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	80	B
1334889	1.6	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334887	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Silt	Damp	Subtle Slope	40	B
1334890	0.8	0.1	1DX15	WHI13000376	Dark Brown	Sand	Damp	Subtle Slope	30	B
1334891	0.9	0.1	1DX15	WHI13000376	Dark Brown	Sand	Damp	Subtle Slope	30	B
1334892	0.6	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1334893	0.25	0.1	1DX15	WHI13000376	Dark Brown	Sand	Damp	Subtle Slope	30	B
1334894	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	20	B
1334895	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	50	B
1334896	0.8	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334897	0.6	0.1	1DX15	WHI13000376	Dark Grey Black	Silt	Damp	Subtle Slope	40	B
1334898	0.8	0.1	1DX15	WHI13000376	Dark Grey Black	Silt	Damp	Subtle Slope	30	B
1334899	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Silt	Damp	Subtle Slope	40	B
1334900	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Silt	Damp	Subtle Slope	40	B
1331472	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	60	B
1331473	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	40	B
1331474	1.2	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	40	B
1331475	0.6	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1331495	0.6	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1331496	0.6	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	30	B
1331497	0.7	0.1	1DX15	WHI13000376	Dark Brown	Silt	Damp	Subtle Slope	30	B
1331498	0.25	0.1	1DX15	WHI13000376	Dark Brown	Sand	Damp	Subtle Slope	30	B
1331499	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	30	B
1331500	0.6	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	30	B

sample_id	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of_id
1339304	Old Burn	Grass Cover	Good	Partially Frozen			
1339305	Old Burn	Burnt Moss	Good	Rocky			
1339306	Old Burn	Burnt Moss	Good	Rocky	Outcrop Nearby		
1339307	Old Burn	Grass Cover	Good	Coarse			
1339308	Old Burn	Burnt Moss	Good	Rocky			
1339309	Old Burn	Grass Cover	Good	Clay			
1339310	Old Burn	Burnt Moss	Good	Rocky			
1339311	Old Burn	Burnt Moss	Good	Rocky			
1339312	Old Burn	Burnt Moss	Good	Rocky			
1339313	Old Burn	Burnt Moss	Good	Rocky			
1339314	Old Burn	Burnt Moss	Good	Rocky			
1339315	Old Burn	Burnt Moss	Poor	Organic 10%	Rocky		
1339316	Old Burn	Burnt Moss	Good	Rocky			
1334884	Old Burn	Sphagnum Moss < 30cm	Good				
1334885	Old Burn	Sphagnum Moss < 30cm	Good	Organic 25%	Partially Frozen		
1334886	Old Burn	Sphagnum Moss < 30cm	Good				
1334886	Old Burn	Sphagnum Moss < 30cm	Good				
1334888	Old Burn	Sphagnum Moss < 30cm	Good	Organic 10%	Partially Frozen		
1334889	Old Burn	Sphagnum Moss < 30cm	Good	Organic 10%	Partially Frozen		
1334887	Old Burn	Sphagnum Moss < 30cm	Good	Rocky Sample			
1334890	Willows	Sphagnum Moss < 30cm	Good				
1334891	Old Burn	Sphagnum Moss < 30cm	Good				
1334892	White Spruce	Sphagnum Moss < 30cm	Good				
1334893	White Spruce	Sphagnum Moss < 30cm	Good				
1334894	Birch Forest	Sphagnum Moss < 30cm	Good				
1334895	Old Burn	Sphagnum Moss < 30cm	Good				
1334896	Willows	Sphagnum Moss < 30cm	Good	Organic 10%			
1334897	Dwarf Birch	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen		
1334898	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Partially Frozen		
1334899	Old Burn	Sphagnum Moss < 30cm	Good	Organic 10%	Partially Frozen		
1334900	Old Burn	Sphagnum Moss < 30cm	Good	Partially Frozen			
1331472	White Spruce	Sphagnum Moss < 30cm	Good				
1331473	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1331474	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Sample			
1331475	White Spruce	Sphagnum Moss < 30cm	Good				
1331495	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Sample			
1331496	White Spruce	Sphagnum Moss < 30cm	Good				
1331497	White Spruce	Sphagnum Moss < 30cm	Good				
1331498	White Spruce	Sphagnum Moss < 30cm	Good				
1331499	White Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1331500	Old Burn	Sphagnum Moss < 30cm	Good				

sample_id	project	sample	zone	easting	northing	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1334751	SHI	SOIL	8	468644	7090145	1	32.5	15	64	0.2	26	8.6	392
1334752	SHI	SOIL	8	468650	7090120	1.1	38.9	14.8	63	0.2	29.5	9.7	361
1334753	SHI	SOIL	8	468659	7090098	1.1	36.9	14.7	56	0.2	24.9	9	351
1334754	SHI	REP	8	468668	7090073	1.3	33.5	12.6	60	0.2	22.4	8.3	179
1334754	SHI	SOIL	8	468668	7090073	1.5	33.6	13	59	0.2	22.7	7.9	180
1334755	SHI	SOIL	8	468676	7090050	1.1	35.2	13.9	66	0.05	20.6	10.8	357
1334756	SHI	SOIL	8	468684	7090027	1.6	39.1	15.1	66	0.3	21.9	10.2	585
1331234	SHI	SOIL	8	468507	7090230	2.4	86.1	18.5	66	0.2	34.2	11.5	634
1331235	SHI	SOIL	8	468498	7090253	1.5	91.6	18.6	70	0.3	31.3	11	620
1331236	SHI	SOIL	8	468489	7090275	1.1	61.2	13.8	61	0.2	30.8	9.5	619
1331237	SHI	SOIL	8	468483	7090300	1	39.7	15.3	67	0.3	25.2	9.8	588
1331238	SHI	SOIL	8	468475	7090325	2	55	29.4	94	0.4	27.8	11.4	1566
1331239	SHI	REP	8	468467	7090348	2.3	36.4	24.8	102	0.4	23.9	8.9	358
1331239	SHI	SOIL	8	468467	7090348	2.1	38.1	24.3	100	0.4	23.7	9.4	349
1331240	SHI	REP	8	468459	7090371	1.1	31.2	14.6	61	0.2	21.1	8.6	334
1331240	SHI	SOIL	8	468459	7090371	1	30.5	14.9	61	0.2	21.9	8.8	334
1331241	SHI	SOIL	8	468449	7090394	1.6	41.1	20.6	96	0.3	32.5	10.3	656
1331242	SHI	SOIL	8	468443	7090418	1.1	78.6	25.9	90	0.7	30	9.5	775
1331243	SHI	SOIL	8	468431	7090442	1.5	38.9	24.1	102	0.4	29.3	9.6	454
1331244	SHI	SOIL	8	468424	7090464	1	49.1	27.5	104	0.4	30.5	10.9	669
1331245	SHI	SOIL	8	468416	7090488	1.1	30.5	25.5	95	0.4	21.8	7.9	273
1331246	SHI	SOIL	8	468407	7090512	1	21.5	17.3	65	0.1	19.8	7.2	251
1331247	SHI	SOIL	8	468400	7090537	0.6	33.9	17.5	52	0.2	19.1	5.3	98
1331248	SHI	SOIL	8	468383	7090584	1.9	17.1	39.7	69	0.3	19.1	9.1	344
1331249	SHI	SOIL	8	468375	7090607	1.5	29.2	27.6	78	0.3	20.6	9	570
1331250	SHI	SOIL	8	468367	7090629	1	37.1	16.2	57	0.4	19.4	6.8	411
1333251	SHI	SOIL	8	468359	7090654	2.2	41.6	14.8	65	0.2	26.1	7.1	391
1333252	SHI	SOIL	8	468349	7090678	1.5	47	17.5	57	0.3	28.4	8.1	485
1333253	SHI	SOIL	8	468263	7090621	0.9	36.1	16.3	72	0.4	25.3	8.7	531
1333254	SHI	SOIL	8	468256	7090644	1.7	57.2	17	70	0.6	27.1	8.9	672
1333255	SHI	SOIL	8	468248	7090667	1.7	34.3	21	76	0.3	25	9.6	528
1333256	SHI	SOIL	8	468238	7090692	1.3	31.6	20.4	66	0.3	25.7	9	414
1333257	SHI	SOIL	8	468231	7090716	1.2	39.7	20.2	68	0.3	32.1	9.9	470
1333258	SHI	SOIL	8	468326	7090749	1	22.7	20.8	81	0.2	18.6	9	652
1333259	SHI	SOIL	8	468334	7090725	2.7	54.9	15.3	72	0.5	25.6	5.2	300
1333260	SHI	SOIL	8	468342	7090702	1.4	44.7	20.2	62	0.3	26	10.6	633
1333261	SHI	SOIL	8	468514	7090815	0.7	29.7	18.7	56	0.3	22.2	8.7	396
1333262	SHI	SOIL	8	468522	7090790	1.1	38	20	76	0.3	28	10.1	463
1333263	SHI	SOIL	8	468608	7090847	0.5	23.3	17	65	0.2	17.7	6.6	190
1333263	SHI	REP	8	468608	7090847	0.05	0.05	0.05	0.5	0.05	0.05	0.05	0.5
1333264	SHI	SOIL	8	468615	7090824	0.3	27.3	16.1	69	0.2	17.3	5.7	126

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1334751	2.09	22.9	0.9	4.4	3	23	0.2	0.8	0.2	29	0.6	0.062	13
1334752	2.36	15.1	1.6	3.4	3.1	30	0.4	0.8	0.2	35	0.93	0.075	13
1334753	2.33	33.3	3.4	3.8	2.6	32	0.4	0.8	0.2	36	0.96	0.059	13
1334754	2.27	39.8	3.5	6.1	2.2	37	0.4	0.9	0.2	30	0.98	0.062	11
1334754	2.27	39.1	3.8	6.2	2.1	37	0.4	0.8	0.2	30	0.98	0.059	11
1334755	2.34	53.6	1.7	4.7	2	29	0.2	0.7	0.2	40	0.92	0.044	11
1334756	2.25	47.5	1.8	4.9	2	38	0.2	0.6	0.2	34	0.99	0.064	11
1331234	2.3	17.9	0.5	8.1	4.6	21	0.05	1.8	0.3	30	0.33	0.043	18
1331235	2.56	15.2	1.3	4.6	3.5	26	0.05	1	0.2	37	0.47	0.069	16
1331236	2.36	14.7	0.9	8.6	3.8	25	0.1	0.6	0.2	34	0.53	0.055	17
1331237	2.52	29.8	2.4	2	3.4	28	0.3	0.9	0.2	41	0.61	0.046	20
1331238	3.66	72.7	1.2	7.8	4.2	29	0.6	2	0.3	29	0.65	0.056	17
1331239	2.43	57.5	1.1	11.8	4.3	34	0.6	1.8	0.4	25	0.89	0.101	16
1331239	2.4	56.9	1.1	18.9	4.1	35	0.6	1.8	0.4	23	0.9	0.094	16
1331240	2.17	22.9	1.8	7.6	2.9	31	0.2	0.9	0.2	31	0.92	0.078	14
1331240	2.24	23.1	1.8	9	3.1	33	0.2	0.9	0.2	32	0.93	0.08	14
1331241	2.96	29.7	1.3	8.9	5.3	26	0.6	1.1	0.2	34	0.55	0.076	19
1331242	2.16	28.6	2.9	7.4	2.9	47	1.3	1.5	0.2	30	1.44	0.072	17
1331243	2.53	34.9	1.4	7.9	4.4	30	0.6	1.2	0.2	30	0.66	0.088	17
1331244	2.3	30.6	1.8	23.5	4	31	0.8	1.2	0.2	28	0.73	0.075	16
1331245	2.12	17.2	1	3.7	4	22	0.5	0.7	0.2	41	0.41	0.026	16
1331246	2.14	22.7	0.5	4.6	3.2	15	0.1	0.8	0.2	34	0.27	0.031	12
1331247	1.72	14.4	1	5.1	3.1	34	0.2	0.7	0.2	36	0.65	0.051	13
1331248	2.53	35.1	0.9	10	5.8	25	0.1	1.2	0.3	31	0.37	0.057	19
1331249	2.48	40.6	1	62.5	3.3	34	0.2	1.1	0.2	26	0.63	0.079	15
1331250	2.17	26	1.8	3	2.6	33	0.4	0.7	0.2	30	0.57	0.052	19
1333251	2.4	21.4	0.9	9.7	3.4	30	0.1	0.9	0.2	27	0.38	0.058	15
1333252	1.98	44.6	1.5	5.7	1.9	41	0.4	1.2	0.2	25	0.78	0.047	11
1333253	2.24	23.6	1.4	5.2	2.8	39	0.4	1.1	0.2	33	0.76	0.067	16
1333254	2.43	28.7	2.1	15.5	2.3	46	0.5	1.4	0.2	29	1.06	0.063	15
1333255	2.43	36.6	1.1	9.5	4.2	25	0.2	1	0.2	36	0.41	0.047	16
1333256	2.5	30.2	1.5	4.8	4.3	20	0.2	1	0.2	35	0.42	0.058	17
1333257	2.49	25.2	2.4	1.7	3.4	34	0.3	1.2	0.3	36	0.61	0.07	16
1333258	2.34	39.7	2.1	11.7	3.2	32	0.2	0.8	0.2	26	0.66	0.051	16
1333259	2.46	31.2	0.9	31.6	3.9	33	0.1	2.4	0.3	19	0.21	0.039	15
1333260	2.1	31.1	1.6	10.9	2	42	0.3	1	0.2	24	0.91	0.05	12
1333261	2.04	20.3	3.1	5.1	2.6	48	0.4	0.8	0.2	27	1.11	0.061	13
1333262	2.5	30.5	2.2	18	4.4	38	0.4	1	0.2	30	0.76	0.073	17
1333263	1.7	19	2.5	7.2	3.3	36	0.3	0.9	0.2	27	0.98	0.058	14
1333263	0.005	0.25	0.05	0.25	0.05	0.5	0.05	0.05	0.05	7	0.005	0.001	0.5
1333264	1.5	14.1	2.6	7.6	3.5	41	0.4	0.6	0.2	25	1.08	0.055	13

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm
1334751	18	0.38	271	0.02	1	0.83	0.007	0.04	0.5	0.04	2.5	0.05	0.025	2
1334752	22	0.49	393	0.025	4	1.03	0.009	0.04	0.3	0.05	3	0.05	0.025	3
1334753	22	0.39	335	0.019	0.5	0.97	0.007	0.04	0.2	0.04	3	0.05	0.06	3
1334754	20	0.36	312	0.018	2	0.93	0.006	0.04	0.5	0.05	2.8	0.05	0.025	3
1334754	19	0.35	298	0.017	2	0.9	0.006	0.04	0.6	0.04	2.5	0.05	0.025	3
1334755	22	0.38	222	0.018	2	1.18	0.005	0.05	0.3	0.03	3.8	0.05	0.025	4
1334756	20	0.4	254	0.019	1	0.96	0.007	0.04	0.4	0.04	2.5	0.05	0.025	3
1331234	24	0.53	1085	0.015	0.5	1.32	0.006	0.05	0.2	0.02	2.4	0.05	0.025	4
1331235	28	0.47	822	0.021	1	1.24	0.008	0.05	0.2	0.06	3.3	0.05	0.025	4
1331236	25	0.44	519	0.021	1	1.12	0.007	0.05	0.2	0.05	3	0.05	0.025	3
1331237	26	0.44	371	0.027	1	1.44	0.007	0.06	0.3	0.03	3.4	0.1	0.025	4
1331238	22	0.42	295	0.029	0.5	1.16	0.008	0.06	0.5	0.03	3.1	0.2	0.025	4
1331239	19	0.41	224	0.025	3	0.98	0.008	0.07	0.5	0.05	2.9	0.1	0.025	3
1331239	20	0.41	227	0.024	3	0.97	0.008	0.07	0.7	0.03	2.8	0.1	0.025	3
1331240	19	0.4	220	0.021	3	0.89	0.008	0.04	0.3	0.05	2.8	0.05	0.025	3
1331240	20	0.42	223	0.023	3	0.96	0.007	0.04	0.2	0.06	2.7	0.05	0.05	3
1331241	29	0.45	344	0.035	1	1.28	0.009	0.06	0.3	0.05	3.9	0.1	0.025	4
1331242	21	0.44	378	0.019	6	1.04	0.007	0.05	0.4	0.06	3.2	0.05	0.1	3
1331243	24	0.44	300	0.027	0.5	1.13	0.009	0.07	0.4	0.04	3.2	0.1	0.025	3
1331244	21	0.38	273	0.032	1	0.94	0.009	0.05	0.3	0.06	3.2	0.05	0.025	3
1331245	27	0.37	265	0.027	0.5	1.35	0.006	0.04	0.3	0.04	3.3	0.1	0.025	4
1331246	21	0.36	180	0.013	0.5	1.02	0.004	0.03	0.3	0.03	2.2	0.05	0.025	3
1331247	21	0.4	264	0.014	0.5	1.08	0.005	0.04	0.2	0.04	2.7	0.1	0.025	4
1331248	26	0.4	261	0.029	0.5	1.26	0.008	0.06	0.3	0.03	2.5	0.05	0.025	4
1331249	18	0.36	212	0.03	3	0.84	0.008	0.05	0.5	0.04	2.4	0.05	0.025	3
1331250	19	0.34	288	0.02	0.5	1.01	0.005	0.04	0.2	0.03	2.7	0.1	0.025	4
1333251	22	0.36	386	0.016	1	0.94	0.005	0.04	0.1	0.04	2.3	0.05	0.025	3
1333252	17	0.34	254	0.011	6	0.86	0.005	0.03	0.2	0.03	1.9	0.05	0.025	3
1333253	21	0.41	360	0.022	0.5	1.05	0.008	0.05	0.2	0.05	2.8	0.05	0.025	3
1333254	21	0.42	363	0.017	2	1.12	0.008	0.06	0.3	0.05	2.9	0.05	0.025	3
1333255	25	0.4	311	0.02	2	1.21	0.007	0.05	0.2	0.02	2.8	0.05	0.025	4
1333256	24	0.44	251	0.021	5	1.11	0.007	0.05	0.4	0.03	3.1	0.05	0.025	3
1333257	24	0.41	386	0.024	2	1.18	0.008	0.05	0.2	0.06	3.5	0.05	0.025	4
1333258	17	0.34	173	0.021	2	0.95	0.006	0.05	0.3	0.02	2.2	0.05	0.025	3
1333259	17	0.39	95	0.006	0.5	0.8	0.004	0.04	0.1	0.05	1.5	0.05	0.025	3
1333260	17	0.33	185	0.013	4	0.83	0.005	0.04	0.3	0.05	2	0.05	0.06	3
1333261	18	0.42	297	0.014	4	1.04	0.006	0.05	0.1	0.05	2.4	0.05	0.07	3
1333262	23	0.43	244	0.029	2	1.09	0.008	0.07	0.2	0.05	3.2	0.05	0.025	3
1333263	18	0.38	197	0.017	4	0.86	0.006	0.05	0.3	0.04	2.3	0.05	0.08	3
1333263	0.5	0.005	0.5	0.001	0.5	0.005	0.001	0.005	0.05	0.005	0.05	0.05	0.025	0.5
1333264	17	0.42	185	0.019	4	0.88	0.007	0.05	0.3	0.05	2.3	0.05	0.1	3

sample_id	se_ppm	te_ppm	analysis_m	job_number	colour	texture	moisture	site_slope	depth	horizon
1334751	0.8	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334752	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Silt	Damp	Subtle Slope	30	B
1334753	0.9	0.1	1DX15	WHI13000376	Dark Grey Black	Silt	Damp	Subtle Slope	40	B
1334754	0.9	0.1	1DX15	WHI13000376	Dark Grey Black	Silt	Damp	Subtle Slope	40	B
1334754	0.5	0.1	1DX15	WHI13000376	Dark Grey Black	Silt	Damp	Subtle Slope	40	B
1334755	0.5	0.1	1DX15	WHI13000376	Chocolate Brown	Silt	Damp	Subtle Slope	40	B
1334756	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1331234	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	50	C
1331235	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1331236	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	50	C
1331237	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Dry	Subtle Slope	60	C
1331238	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	50	C
1331239	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	60	C
1331239	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	60	C
1331240	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	60	C
1331240	0.5	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	60	C
1331241	0.25	0.1	1DX15	WHI13000376	Grey	Clay	Damp	Subtle Slope	60	B
1331242	1.1	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	60	B
1331243	0.7	0.1	1DX15	WHI13000376	Grey	Clay	Damp	Subtle Slope	80	B
1331244	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	50	C
1331245	0.25	0.1	1DX15	WHI13000376	Light Brown	Clay	Damp	Subtle Slope	60	B
1331246	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Damp	Subtle Slope	40	B
1331247	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	50	B
1331248	0.25	0.1	1DX15	WHI13000376	Grey	Clay	Damp	Subtle Slope	50	C
1331249	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Dry	Subtle Slope	60	C
1331250	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	60	C
1333251	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	70	C
1333252	0.5	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	50	C
1333253	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Dry	Subtle Slope	60	B
1333254	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Dry	Subtle Slope	50	B
1333255	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	70	C
1333256	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1333257	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	80	B
1333258	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Dry	Subtle Slope	70	B
1333259	0.8	0.1	1DX15	WHI13000376	Bluish Grey	Sand	Dry	Subtle Slope	60	C
1333260	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	60	B
1333261	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	60	B
1333262	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1333263	0.8	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	60	B
1333263	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	60	B
1333264	0.6	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	90	B

sample_id	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of_id
1334751	White Spruce	Sphagnum Moss < 30cm	Good				
1334752	White Spruce	Sphagnum Moss > 30cm	Good	Partially Frozen			
1334753	White Spruce	Sphagnum Moss < 30cm	Good				
1334754	White Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Fine		
1334754	White Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Fine		
1334755	White Spruce	Sphagnum Moss < 30cm	Good	Fine			
1334756	Birch Forest	Sphagnum Moss < 30cm	Good				
1331234	White Spruce	Thin Moss Cover	Good	Coarse			
1331235	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1331236	White Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1331237	White Spruce	Sphagnum Moss < 30cm	Good	Coarse		Partial C Horizon	
1331238	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1331239	Black Spruce	Reindeer Moss	Excellent	Quartz Chips	Small Sample		
1331239	Black Spruce	Reindeer Moss	Excellent	Quartz Chips	Small Sample		
1331240	Black Spruce	Reindeer Moss	Good	Coarse			
1331240	Black Spruce	Reindeer Moss	Good	Coarse			
1331241	Black Spruce	Reindeer Moss	Good	Coarse			
1331242	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%		
1331243	Black Spruce	Reindeer Moss	Good	Coarse			
1331244	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1331245	Black Spruce	Reindeer Moss	Good	Coarse			
1331246	Black Spruce	Reindeer Moss	Good	Coarse			
1331247	Black Spruce	Reindeer Moss	Poor	Coarse	Partially Frozen		
1331248	Black Spruce	Thin Moss Cover	Good	Coarse			
1331249	Black Spruce	Thin Moss Cover	Good	Coarse	Quartz Chips		
1331250	Black Spruce	Reindeer Moss	Good	Coarse		Partial C Horizon	
1333251	Black Spruce	Reindeer Moss	Excellent	Coarse	Quartz Chips		
1333252	Black Spruce	Reindeer Moss	Good	Coarse	Organic 10%	Partial C Horizon	
1333253	White Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1333254	White Spruce	Thin Moss Cover	Good	Coarse			
1333255	White Spruce	Thin Moss Cover	Good	Coarse			
1333256	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips	greyish brown	
1333257	Black Spruce	Reindeer Moss	Good	Coarse		Partial C Horizon	
1333258	White Spruce	Thin Moss Cover	Good	Coarse	Organic 10%		
1333259	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1333260	Black Spruce	Reindeer Moss	Good	Coarse	Small Sample		
1333261	Old Burn	Burnt Moss	Poor	Fine	Organic 10%		
1333262	Old Burn	Burnt Moss	Good	Coarse			
1333263	Black Spruce	Reindeer Moss	Poor	Fine	Organic 10%		
1333263	Black Spruce	Reindeer Moss	Poor	Fine	Organic 10%		
1333264	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Organic 25%		

sample_id	project	sample	zone	easting	northing	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1333265	SHI	SOIL	8	468702	7090879	1.1	34	29.8	144	0.5	21.7	8.2	470
1333265	SHI	REP	8	468702	7090879	1.1	32.5	29.4	139	0.5	20.5	7.8	458
1333266	SHI	SOIL	8	468711	7090857	0.5	31.6	16.9	89	0.2	19.4	6	183
1333267	SHI	SOIL	8	468796	7090912	1.4	27.4	22.3	85	0.2	22.6	9.9	532
1333268	SHI	SOIL	8	468805	7090890	0.4	42.1	18.3	60	0.2	20.4	6.4	187
1333269	SHI	SOIL	8	468813	7090866	0.6	31.6	15.7	65	0.3	20.5	9.1	290
1333987	SHI	SOIL	8	469325	7091523	0.8	34	10.6	58	0.2	25.2	8.6	317
1333988	SHI	SOIL	8	469332	7091499	0.8	23.6	11.2	55	0.2	21.8	8	318
1333989	SHI	SOIL	8	469341	7091476	0.7	12.6	12.8	54	0.2	12.5	6	325
1333990	SHI	SOIL	8	469350	7091452	1.6	64.7	11.2	88	0.2	38.7	11.6	535
1333991	SHI	SOIL	8	469358	7091428	4.2	68.3	15.7	74	0.3	34.4	11.3	869
1333992	SHI	REP	8	469366	7091404	1.2	35.9	14.3	61	0.2	27.9	11.1	604
1333992	SHI	SOIL	8	469366	7091404	1.2	36.1	13.7	61	0.2	27.1	10.7	589
1333993	SHI	SOIL	8	469374	7091382	1.4	22.8	16.6	75	0.2	22.2	10.3	536
1333994	SHI	SOIL	8	469383	7091358	1.2	30.3	17	68	0.2	22.7	10.3	511
1333995	SHI	SOIL	8	469390	7091334	0.7	27.2	14	51	0.2	19.6	7.8	195
1333996	SHI	SOIL	8	469400	7091312	0.6	44	21.3	70	0.3	22.7	7.7	319
1333997	SHI	SOIL	8	469407	7091287	1.9	48.3	28.3	104	0.5	29.3	12.5	479
1333998	SHI	SOIL	8	469416	7091263	1.6	47.3	19.2	74	0.3	33.7	11.9	512
1333999	SHI	SOIL	8	469424	7091240	1.1	20.3	14.3	52	0.2	21.8	9.2	392
1334000	SHI	SOIL	8	469432	7091216	0.2	119.9	3.5	58	0.05	29.5	10.2	957
1339001	SHI	SOIL	8	469441	7091192	1.8	48.9	14.7	67	0.3	40	12.4	1575
1339002	SHI	SOIL	8	469449	7091168	0.8	28.5	11.7	73	0.2	26.7	9.8	475
1339003	SHI	SOIL	8	469457	7091145	0.7	25.7	12.1	68	0.2	17.7	6.5	270
1339004	SHI	SOIL	8	469466	7091121	1.6	40.7	19	66	0.2	27.8	10.1	452
1339005	SHI	SOIL	8	469474	7091098	1.8	38.7	17.9	69	0.4	26.1	11.4	824
1339006	SHI	SOIL	8	469482	7091074	2.2	54.6	29.2	102	0.4	33	11.8	606
1339007	SHI	SOIL	8	469491	7091051	1.9	35.5	18.5	82	0.3	23.3	9	459
1339008	SHI	SOIL	8	469498	7091026	1.4	36.9	19.4	69	0.3	26.6	9.1	425
1339009	SHI	SOIL	8	469507	7091003	0.8	39.3	13.8	54	0.3	25.4	9.7	496
1339010	SHI	SOIL	8	469515	7090981	0.7	40.5	12.8	62	0.3	32	11.4	574
1339011	SHI	SOIL	8	469524	7090956	0.9	23.8	14	61	0.2	23	8.2	307
1339012	SHI	SOIL	8	469532	7090932	2.9	43.9	32.3	78	0.4	28.8	9	386
1339013	SHI	SOIL	8	469540	7090908	1	28.3	11.6	61	0.2	24.4	8.6	334
1339014	SHI	SOIL	8	469549	7090885	1.1	16.2	14.1	62	0.2	21.4	9.4	242
1339015	SHI	SOIL	8	469556	7090862	1	24.2	14.3	59	0.2	22.2	8.4	277
1339016	SHI	SOIL	8	469565	7090839	1.3	34.4	19.9	73	0.3	25.6	9.1	460
1339017	SHI	SOIL	8	469573	7090815	0.7	144	7.1	57	0.2	35.6	14.8	410
1339018	SHI	SOIL	8	469582	7090791	1	29.1	25.3	72	0.3	24.9	10.1	518
1339019	SHI	REP	8	469590	7090767	1.4	35.5	43.8	83	0.3	24.7	9.3	629
1339019	SHI	SOIL	8	469590	7090767	1.3	39.9	41.6	92	0.4	26.7	10	675

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1333265	2.24	40.9	2.4	6.8	3.5	36	1	1.1	0.2	25	1	0.063	15
1333265	2.18	38.8	2.5	6.5	3.4	37	0.9	1	0.2	23	0.95	0.063	14
1333266	1.96	20.9	1.8	4.2	3.7	39	0.6	0.8	0.2	24	0.9	0.061	16
1333267	2.47	42.4	1.8	3.8	3.5	37	0.4	1.2	0.2	29	1.02	0.041	12
1333268	1.53	14.4	3.8	4.4	3.2	42	0.5	0.9	0.2	27	1.21	0.048	13
1333269	2.16	22.9	2.3	3.5	2.4	43	0.4	0.8	0.2	27	1.08	0.066	11
1333987	1.94	13.4	0.9	2.1	3.3	28	0.2	0.8	0.2	30	0.53	0.068	12
1333988	2.18	11.9	1	3.6	2.3	36	0.3	0.6	0.1	34	0.84	0.067	11
1333989	1.46	9.5	0.5	3.6	1.6	34	0.3	0.2	0.2	36	0.72	0.05	9
1333990	2.1	18.5	1	2.9	4	20	0.2	0.8	0.05	33	0.29	0.078	12
1333991	2.43	25.2	0.9	5.1	4	22	0.3	1.5	0.2	24	0.43	0.071	15
1333992	2.31	18.2	1.1	8.6	3	31	0.2	1	0.2	33	0.62	0.078	13
1333992	2.28	17.6	1	4.5	2.9	32	0.1	1.1	0.2	31	0.61	0.077	13
1333993	2.4	22.3	0.8	31.4	3.4	30	0.2	0.7	0.3	35	0.57	0.058	12
1333994	2.37	21.6	1.4	5.3	3.5	31	0.4	0.9	0.2	33	0.62	0.055	14
1333995	1.65	12.4	2	4.3	2.3	43	0.3	0.7	0.2	34	0.9	0.039	10
1333996	1.65	20	0.9	7.8	5.7	32	0.5	1.2	0.2	25	0.63	0.061	16
1333997	2.92	102	2.6	9.9	5.7	23	0.5	1.7	0.4	29	0.53	0.059	19
1333998	2.93	40.9	1.1	6.2	5	16	0.2	1.4	0.3	35	0.26	0.039	18
1333999	2.23	24.6	0.8	3.1	2.9	20	0.2	0.7	0.2	40	0.49	0.034	12
1334000	1.87	1.7	0.3	5.3	2.3	20	0.05	1.3	0.1	16	0.21	0.041	6
1339001	2.62	56	0.6	9.9	4.4	15	0.2	1.8	0.2	15	0.2	0.038	14
1339002	2.19	16.1	0.5	3.5	3.5	21	0.4	0.9	0.2	29	0.4	0.089	13
1339003	1.6	18.9	1.3	6.9	3.2	27	0.3	0.8	0.2	22	0.62	0.059	12
1339004	2.6	48.1	0.8	39.3	5	15	0.2	1.4	0.2	34	0.36	0.028	18
1339005	2.49	50.9	1.1	9.1	3.4	23	0.4	1.3	0.3	28	0.85	0.044	14
1339006	2.75	75.3	0.7	9.2	5.9	37	0.6	2.6	0.3	24	1.3	0.077	14
1339007	2.42	51.7	1.4	12.3	3.4	30	0.3	1.2	0.3	27	0.75	0.066	14
1339008	2.53	44.6	0.9	10.1	4.2	18	0.1	1.1	0.3	36	0.39	0.037	15
1339009	2.23	22.7	1.6	2.2	2.1	35	0.2	0.7	0.2	35	0.98	0.055	12
1339010	2.36	21.3	1.1	4.4	2.6	28	0.2	0.9	0.2	37	0.63	0.082	14
1339011	2.29	18.9	1	4.9	3.6	14	0.05	0.5	0.1	40	0.32	0.038	13
1339012	2.93	79.4	1.3	11.5	4.6	12	0.4	1.8	0.3	34	0.22	0.043	15
1339013	2.08	15.5	0.7	4	2.5	28	0.2	0.7	0.2	29	0.68	0.071	11
1339014	2.65	25	0.7	326.9	4.3	9	0.05	0.8	0.2	46	0.16	0.021	13
1339015	2.37	85	1.2	6.7	4	15	0.1	0.7	0.1	42	0.26	0.026	16
1339016	2.3	58.1	1.3	8.1	4	20	0.3	1.2	0.2	29	0.48	0.059	15
1339017	2.43	42.5	0.4	7.3	2.2	19	0.1	0.7	0.1	32	0.68	0.055	7
1339018	2.54	55.6	2.2	4.7	3.6	18	0.05	0.8	0.2	43	0.48	0.037	14
1339019	2.82	54.1	3	9.3	7.3	17	0.5	4.1	0.4	44	0.43	0.04	22
1339019	3.04	57.2	2.3	24.8	6.6	17	0.3	4	0.3	44	0.43	0.036	20

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm
1333265	17	0.39	161	0.021	4	0.82	0.006	0.06	0.4	0.04	2.5	0.1	0.06	3
1333265	16	0.4	151	0.018	4	0.82	0.007	0.06	0.2	0.05	2.3	0.05	0.06	3
1333266	19	0.39	182	0.026	0.5	0.98	0.008	0.06	0.2	0.05	2.9	0.05	0.025	3
1333267	19	0.43	200	0.027	4	0.98	0.008	0.06	0.3	0.04	2.7	0.1	0.06	3
1333268	18	0.39	199	0.018	5	0.87	0.006	0.05	0.1	0.06	2.7	0.05	0.09	3
1333269	17	0.39	177	0.017	2	0.85	0.006	0.04	0.3	0.04	2.5	0.05	0.07	3
1333987	18	0.31	275	0.019	1	0.82	0.005	0.02	0.2	0.06	2.7	0.05	0.025	2
1333988	20	0.36	312	0.011	0.5	0.95	0.006	0.03	0.1	0.06	3	0.05	0.025	3
1333989	19	0.35	183	0.016	0.5	0.91	0.006	0.04	0.2	0.03	1.7	0.05	0.025	3
1333990	19	0.35	110	0.023	0.5	0.8	0.006	0.03	0.2	0.04	2.1	0.05	0.025	3
1333991	15	0.36	166	0.007	0.5	0.9	0.003	0.02	0.1	0.04	2.5	0.05	0.025	3
1333992	21	0.38	283	0.017	0.5	1.06	0.005	0.03	0.6	0.06	3	0.05	0.025	3
1333992	21	0.37	282	0.018	2	0.99	0.005	0.03	0.3	0.05	2.9	0.05	0.025	3
1333993	21	0.41	188	0.021	1	1.07	0.006	0.04	0.3	0.03	2.6	0.05	0.025	3
1333994	20	0.4	239	0.018	1	1.06	0.006	0.05	0.4	0.04	2.6	0.05	0.025	3
1333995	19	0.34	237	0.016	0.5	0.98	0.005	0.03	0.2	0.04	2.6	0.05	0.025	3
1333996	24	0.42	224	0.011	0.5	1.08	0.004	0.06	0.2	0.04	2.6	0.05	0.025	3
1333997	20	0.39	149	0.024	1	0.97	0.007	0.06	1	0.08	3.4	0.1	0.025	3
1333998	27	0.39	268	0.03	0.5	1.02	0.007	0.05	0.4	0.08	4.2	0.05	0.025	3
1333999	21	0.36	322	0.015	0.5	1.21	0.005	0.04	0.3	0.04	2.8	0.05	0.025	4
1334000	12	0.65	593	0.005	0.5	1.03	0.001	0.01	0.05	0.005	0.8	0.05	0.025	3
1339001	15	0.44	342	0.004	0.5	0.98	0.002	0.03	0.2	0.03	2.3	0.05	0.025	3
1339002	17	0.32	343	0.026	0.5	0.72	0.007	0.04	0.2	0.04	2.4	0.05	0.025	2
1339003	13	0.31	157	0.018	0.5	0.7	0.005	0.04	0.4	0.03	1.8	0.05	0.025	2
1339004	21	0.39	186	0.022	0.5	1.2	0.006	0.04	0.4	0.05	3.3	0.1	0.025	3
1339005	18	0.45	240	0.015	2	1.03	0.004	0.04	0.5	0.03	2.3	0.05	0.025	3
1339006	19	0.69	162	0.02	0.5	0.9	0.006	0.09	0.4	0.03	2.5	0.1	0.025	3
1339007	19	0.41	186	0.028	1	0.95	0.007	0.04	0.4	0.05	2.6	0.05	0.025	3
1339008	24	0.43	277	0.022	0.5	1.18	0.007	0.05	0.4	0.05	3.3	0.05	0.025	3
1339009	21	0.41	431	0.022	0.5	1.06	0.007	0.04	0.1	0.04	3	0.05	0.025	3
1339010	25	0.42	399	0.022	0.5	0.98	0.007	0.04	0.2	0.05	3.2	0.05	0.025	3
1339011	25	0.4	267	0.014	0.5	1.12	0.006	0.04	0.2	0.03	3.2	0.05	0.025	4
1339012	21	0.34	219	0.014	0.5	1.15	0.005	0.06	1.6	0.02	2.7	0.1	0.025	4
1339013	18	0.34	284	0.021	2	0.79	0.007	0.03	0.2	0.05	2.4	0.05	0.025	2
1339014	29	0.47	234	0.02	0.5	1.34	0.006	0.05	0.2	0.02	2.8	0.05	0.025	4
1339015	22	0.4	329	0.015	0.5	1.3	0.006	0.04	0.2	0.02	3	0.05	0.025	4
1339016	16	0.45	217	0.023	0.5	0.83	0.008	0.05	0.6	0.03	2.4	0.1	0.025	3
1339017	55	0.88	141	0.026	0.5	1.11	0.004	0.02	0.1	0.03	2.2	0.05	0.025	2
1339018	24	0.44	398	0.014	0.5	1.2	0.007	0.04	0.2	0.03	3.5	0.05	0.025	4
1339019	22	0.54	287	0.037	0.5	1.41	0.008	0.08	3	0.02	3.7	0.1	0.025	5
1339019	24	0.5	270	0.039	0.5	1.33	0.007	0.07	2.8	0.02	3.4	0.1	0.025	6

sample_id	se_ppm	te_ppm	analysis_m	job_number	colour	texture	moisture	site_slope	depth	horizon
1333265	0.6	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Wet	Subtle Slope	70	B
1333265	0.6	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Wet	Subtle Slope	70	B
1333266	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	60	B
1333267	0.25	0.1	1DX15	WHI13000376	Dark Brown	Sand	Damp	Subtle Slope	60	B
1333268	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	50	B
1333269	0.9	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	50	B
1333987	1.4	0.1	1DX15	WHI13000376	Grey	Clay	Damp	Subtle Slope	60	B
1333988	0.8	0.1	1DX15	WHI13000376	Grey	Clay	Damp	Flat	40	B
1333989	0.25	0.1	1DX15	WHI13000376	Grey	Clay	Damp	Subtle Slope	40	B
1333990	0.5	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1333991	0.5	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Flat	50	B
1333992	0.9	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	60	B
1333992	0.6	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	60	B
1333993	0.9	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	60	B
1333994	0.7	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	70	C
1333995	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	50	B
1333996	0.25	0.1	1DX15	WHI13000376	Grey	Clay	Damp	Flat	40	B
1333997	0.5	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	30	B
1333998	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Flat	30	B
1333999	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Damp	Subtle Slope	30	B
1334000	0.25	0.1	1DX15	WHI13000376	Light Bluish Grey	Sand	Damp	Subtle Slope	50	C
1339001	0.25	0.1	1DX15	WHI13000376	Grey	Clay	Damp	Subtle Slope	40	B
1339002	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	80	B
1339003	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1339004	0.7	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Dry	Subtle Slope	30	B
1339005	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1339006	0.9	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1339007	0.5	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	60	B
1339008	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1339009	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Damp	Subtle Slope	40	B
1339010	0.5	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1339011	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1339012	0.5	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Dry	Subtle Slope	40	B
1339013	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1339014	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Dry	Subtle Slope	40	B
1339015	0.6	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Damp	Subtle Slope	40	B
1339016	1	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	30	B
1339017	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	30	B
1339018	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1339019	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1339019	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	40	B

sample_id	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of_id
1333265	Black Spruce	Thin Moss Cover	Good	Coarse	sible Creek Contamination		
1333265	Black Spruce	Thin Moss Cover	Good	Coarse	sible Creek Contamination		
1333266	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Organic 10%		
1333267	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%		
1333268	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Small Sample	multiple holes	
1333269	Black Spruce	Reindeer Moss	Good	Coarse			
1333987	Old Burn	Thin Moss Cover	Good	Partially Frozen			
1333988	Old Burn	Thin Moss Cover	Good	Partially Frozen			
1333989	Old Burn	Burnt Moss	Good				
1333990	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1333991	Old Burn	Thin Moss Cover	Good	Bright Orange Rust	Quartz Chips		
1333992	Old Burn	Thin Moss Cover	Good	Bright Orange Rust			
1333992	Old Burn	Thin Moss Cover	Good	Bright Orange Rust			
1333993	Old Burn	Thin Moss Cover	Good	Bright Orange Rust			
1333994	Old Burn	Thin Moss Cover	Excellent	Small Sample	Bright Orange Rust		
1333995	Old Burn	Thin Moss Cover	Poor	Organic 10%			
1333996	Old Burn	Thin Moss Cover	Poor	Organic 10%	Partially Frozen	ganic layer beneath clay	
1333997	Old Burn	Thin Moss Cover	Good	Bright Orange Rust			
1333998	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1333999	Old Burn	Burnt Moss	Good	Rocky Terrain			
1334000	Old Burn	Burnt Moss	Excellent	Bright Orange Rust		glittery	
1339001	Old Burn	Burnt Moss	Excellent	Bright Orange Rust			
1339002	Old Burn	Burnt Moss	Good	Clay			
1339003	Old Burn	Burnt Moss	Good				
1339004	Old Burn	Thin Moss Cover	Good	Bright Orange Rust	Rocky Terrain		
1339005	Old Burn	Burnt Moss	Good	Rocky Terrain			
1339006	Old Burn	Burnt Moss	Good	Bright Orange Rust	Quartz Chips		
1339007	Old Burn	Burnt Moss	Good	Clay	Quartz Chips		
1339008	Old Burn	Burnt Moss	Good	Clay	Dull Red Rust		
1339009	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339010	Old Burn	Burnt Moss	Good	Clay			
1339011	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339012	Old Burn	Burnt Moss	Good	Rocky			
1339013	Old Burn	Burnt Moss	Good	Clay			
1339014	Old Burn	Grass Cover	Poor	Loess			
1339015	Old Burn	Burnt Moss	Good				
1339016	Old Burn	Burnt Moss	Good				
1339017	Old Burn	Burnt Moss	Good	Clay	Rocky Terrain		
1339018	Old Burn	Thin Moss Cover	Good	Quartz Chips			
1339019	Old Burn	Burnt Moss	Good	Quartz Chips			
1339019	Old Burn	Burnt Moss	Good	Quartz Chips			

sample_id	project	sample	zone	easting	northing	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1339317	SHI	SOIL	8	468719	7090835	0.7	27.4	20.3	84	0.3	18.9	7.8	377
1339318	SHI	SOIL	8	468727	7090811	1.1	54.8	25.2	86	0.4	22.7	8	515
1339319	SHI	SOIL	8	468736	7090787	1.1	26.8	18.6	92	0.2	19.8	8.3	504
1339320	SHI	SOIL	8	468740	7090762	1	32.1	21.2	80	0.3	21.3	8.9	478
1339321	SHI	SOIL	8	468754	7090741	0.8	38.1	18.3	76	0.2	24.3	9	395
1339322	SHI	SOIL	8	468761	7090717	1.1	46.1	20.2	75	0.3	24.3	9.3	513
1339323	SHI	SOIL	8	468767	7090692	1.2	57.2	21.8	85	0.4	27.1	9.4	467
1339324	SHI	SOIL	8	468781	7090669	1	28.8	16	73	0.3	18.3	7.3	447
1339325	SHI	SOIL	8	468781	7090669	0.7	31.9	15.2	76	0.2	17.8	6.8	341
1339326	SHI	SOIL	8	468784	7090646	0.7	28.2	16.2	71	0.2	16.9	8	384
1339327	SHI	SOIL	8	468796	7090621	0.7	44.7	15.2	76	0.2	22.8	6.7	277
1339328	SHI	SOIL	8	468800	7090598	1.2	23.8	16	85	0.2	19.3	10.8	690
1339329	SHI	SOIL	8	468812	7090574	0.5	39.1	13.4	76	0.2	18.4	7	318
1339330	SHI	SOIL	8	468818	7090551	0.9	25	14.1	71	0.2	16	6.9	432
1339331	SHI	SOIL	8	468827	7090525	0.6	22.4	15.1	72	0.2	15.2	6.4	403
1339332	SHI	SOIL	8	468832	7090501	0.9	18.6	12	69	0.1	14.8	7	336
1339333	SHI	SOIL	8	468844	7090481	0.8	41.2	15.8	68	0.2	25.1	9.5	570
1339334	SHI	SOIL	8	468849	7090455	1.2	55.5	17.6	73	0.3	20.2	9.3	484
1339335	SHI	SOIL	8	468860	7090433	0.7	30.9	14.5	60	0.2	18.6	6.9	223
1339336	SHI	SOIL	8	468868	7090409	1.5	26.5	14.1	73	0.2	19.2	6.6	225
1339337	SHI	REP	8	468871	7090384	1.1	18.4	14.5	73	0.2	15.4	9.2	300
1339337	SHI	REP	8	468871	7090384	0.9	18	14.6	72	0.2	15.4	9.2	290
1339337	SHI	SOIL	8	468871	7090384	1	18.1	15.5	77	0.2	16.1	9.3	290
1339338	SHI	SOIL	8	468883	7090362	1.5	32.7	24.6	84	0.4	21	9.7	708
1339339	SHI	SOIL	8	468892	7090339	0.8	22.5	15.3	61	0.2	16.6	6.2	281
1339340	SHI	SOIL	8	468902	7090317	1.3	36.1	24.5	98	0.4	24.4	9.5	477
1339341	SHI	SOIL	8	468909	7090290	1.4	36.2	20.2	92	0.3	23.9	9.9	407
1339342	SHI	SOIL	8	468915	7090266	0.4	34.2	14	74	0.2	22.1	8.3	320
1339343	SHI	SOIL	8	468924	7090243	0.7	24.9	12.9	60	0.2	18.2	6.2	370
1339344	SHI	SOIL	8	468937	7090221	0.4	38.2	14.9	77	0.3	23.6	7.4	187
1339345	SHI	SOIL	8	468943	7090196	0.5	19.5	11.3	63	0.1	14.8	5.6	146
1339346	SHI	SOIL	8	468949	7090174	0.6	23.4	12.2	67	0.2	15	6.4	479
1339347	SHI	SOIL	8	468956	7090148	0.9	22.8	12.6	70	0.1	16.9	6.6	334
1339348	SHI	SOIL	8	468969	7090125	3.6	141.9	26.1	94	0.4	35.5	18	547
1339349	SHI	SOIL	8	469343	7090259	1.6	35.8	16.6	152	0.8	41	12.1	326
1339350	SHI	SOIL	8	469332	7090279	1.2	34.5	14.7	107	0.4	25.4	9.2	461
1339351	SHI	SOIL	8	469329	7090304	1.2	25.1	14.5	89	0.3	20	7.7	376
1339352	SHI	SOIL	8	469319	7090327	1.2	25.7	12.3	61	0.2	23.1	9.1	423
1339353	SHI	SOIL	8	469081	7091012	1	28.9	13.4	59	0.3	25.1	11.1	378
1339354	SHI	SOIL	8	469090	7090991	1.7	35.6	19.4	78	0.4	29.9	8.8	518
1339355	SHI	SOIL	8	469098	7090966	1.4	32.7	17.7	81	0.3	30.2	10.6	419

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1339317	2.02	28.4	2	18.6	3.6	27	0.4	0.7	0.5	25	0.63	0.051	16
1339318	2.12	33.5	2.5	10.6	2.8	36	0.7	1	0.3	25	0.93	0.056	15
1339319	2.13	39.8	1.3	5.9	3.1	37	0.4	0.9	0.2	25	0.9	0.059	13
1339320	2.06	28.5	1.9	6.2	2.7	42	0.4	0.8	0.2	23	1.07	0.066	13
1339321	2.25	24.5	2.7	13.1	3	31	0.4	1	0.2	30	0.75	0.06	15
1339322	2.42	33.3	1.7	10.9	3	36	0.3	1	0.2	31	0.88	0.059	17
1339323	2.47	45	2.1	7.6	3.1	45	0.4	1.6	0.3	27	1.17	0.056	17
1339324	1.91	28.5	2.2	19.2	1.9	44	0.4	0.9	0.2	22	1.19	0.057	12
1339325	1.85	25.6	2.7	9.8	1.8	44	0.3	0.8	0.2	24	1.27	0.054	12
1339326	2.24	25.7	1.7	8.3	3.8	31	0.3	0.7	0.1	27	0.84	0.053	17
1339327	1.91	20.5	2.4	28.6	2.8	41	0.7	0.8	0.3	22	1.09	0.056	14
1339328	2.35	36.5	1.1	8.7	3.1	37	0.4	1	0.2	26	0.82	0.068	13
1339329	1.78	22.7	1.8	8.4	2.4	40	0.4	0.8	0.2	21	1.09	0.055	12
1339330	1.88	29.8	1.7	9.7	2.9	36	0.5	0.9	0.2	21	1.09	0.058	13
1339331	1.61	24.5	1.8	10.2	1.6	52	0.6	0.8	0.2	21	1.56	0.056	10
1339332	1.81	27.5	1.2	1.9	3.3	29	0.2	0.9	0.1	22	0.76	0.052	15
1339333	2.21	30.9	2	9.2	2.3	48	0.5	1.1	0.5	34	1.46	0.055	12
1339334	2.03	40.9	1.4	7.6	3.1	47	0.5	1.1	0.2	22	1.15	0.047	13
1339335	1.72	10.4	1.7	8	3.4	32	0.4	1.1	0.1	28	0.78	0.068	13
1339336	2.42	45.3	0.9	2.6	3.6	31	0.2	1.2	0.2	27	0.71	0.073	13
1339337	2.34	33	0.8	8.7	3.8	29	0.2	0.7	0.1	27	0.71	0.065	15
1339337	2.33	36.6	0.7	6.4	4.1	29	0.3	0.7	0.1	27	0.68	0.066	14
1339337	2.33	35.9	0.8	64	4.1	29	0.2	0.7	0.2	26	0.75	0.067	15
1339338	2.68	92.9	1.7	8.7	4.3	33	0.2	1.5	0.3	31	1.14	0.079	14
1339339	1.77	33.1	1.4	11.4	3.1	30	0.2	0.8	0.2	26	0.78	0.06	13
1339340	2.54	76.1	1.4	19.1	4.1	31	0.5	1.5	0.3	27	0.89	0.077	16
1339341	2.62	47	0.9	44.6	4.6	30	0.5	1.2	0.2	31	0.97	0.07	16
1339342	1.97	28.5	1.8	5.3	2.9	35	0.6	1	0.2	25	1.09	0.06	12
1339343	1.71	59.2	1.8	5.3	2.3	46	0.4	1	0.2	19	1.28	0.046	11
1339344	1.91	26.4	2.4	10.5	3.6	41	0.5	1.2	0.2	25	1.35	0.061	14
1339345	1.42	20.1	1.4	3.7	2.4	32	0.2	0.7	0.1	22	0.95	0.041	11
1339346	1.58	24.2	1.5	7.2	2	36	0.4	0.7	0.1	21	1.24	0.046	11
1339347	1.75	30	1.1	8.6	3	36	0.3	0.8	0.2	18	1.03	0.054	12
1339348	3.27	124	1.3	15.3	4.6	31	0.6	1.6	0.3	37	0.81	0.103	15
1339349	2.93	28.9	1.1	7.7	4.5	36	0.9	1.6	0.3	26	0.94	0.112	14
1339350	2.25	26.9	0.9	11.3	2	34	0.7	1	0.2	29	0.93	0.061	12
1339351	2.13	33.5	1.1	5.6	2	42	0.5	1.1	0.2	27	1.28	0.059	10
1339352	2.07	19.5	0.6	6.1	3.5	20	0.1	1	0.3	27	0.36	0.084	13
1339353	2.63	18.3	1.1	2.9	3.7	33	0.2	0.8	0.2	39	0.74	0.071	15
1339354	2.58	34	1	5.7	5.8	23	0.4	1.2	0.2	35	0.43	0.077	19
1339355	2.71	47.5	1	6.4	4.6	25	0.4	1	0.2	36	0.63	0.08	16

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm
1339317	17	0.39	159	0.029	4	0.87	0.007	0.05	0.5	0.03	2.3	0.1	0.025	3
1339318	17	0.4	188	0.019	4	0.88	0.006	0.05	0.2	0.06	2.6	0.1	0.025	3
1339319	16	0.41	193	0.024	3	0.85	0.008	0.05	0.4	0.02	2.3	0.1	0.025	3
1339320	15	0.42	207	0.021	2	0.88	0.007	0.05	0.3	0.03	2.1	0.05	0.025	3
1339321	19	0.41	229	0.021	0.5	0.98	0.007	0.04	0.3	0.04	2.5	0.05	0.025	3
1339322	20	0.43	244	0.021	2	1.05	0.008	0.05	0.4	0.05	2.9	0.05	0.025	3
1339323	19	0.43	255	0.018	2	1.05	0.007	0.07	0.4	0.03	2.8	0.05	0.025	3
1339324	15	0.37	177	0.016	2	0.82	0.006	0.04	0.4	0.03	1.9	0.05	0.06	2
1339325	15	0.38	189	0.018	2	0.82	0.006	0.04	0.2	0.05	2	0.05	0.06	2
1339326	16	0.44	181	0.036	0.5	0.94	0.008	0.07	0.3	0.01	2.5	0.05	0.025	3
1339327	16	0.43	182	0.022	0.5	0.82	0.006	0.05	0.4	0.04	2.6	0.05	0.025	3
1339328	17	0.38	170	0.022	0.5	0.81	0.007	0.05	1	0.03	2.1	0.05	0.025	3
1339329	15	0.38	137	0.019	3	0.77	0.007	0.04	0.5	0.03	1.9	0.05	0.025	2
1339330	13	0.41	136	0.021	2	0.72	0.007	0.04	0.7	0.03	1.8	0.05	0.025	2
1339331	14	0.4	158	0.017	3	0.72	0.006	0.04	0.5	0.03	1.6	0.05	0.025	2
1339332	13	0.33	120	0.025	1	0.66	0.006	0.04	0.8	0.03	1.7	0.05	0.025	2
1339333	17	0.43	201	0.019	0.5	0.86	0.005	0.05	0.4	0.04	2.9	0.1	0.06	3
1339334	16	0.38	182	0.02	3	0.79	0.006	0.05	0.8	0.04	2.2	0.05	0.025	2
1339335	16	0.37	171	0.026	1	0.84	0.008	0.04	0.4	0.03	2.6	0.05	0.06	2
1339336	16	0.37	152	0.023	3	0.81	0.009	0.04	0.3	0.03	2.4	0.05	0.025	3
1339337	15	0.36	131	0.025	1	0.76	0.006	0.04	0.9	0.03	2.2	0.05	0.025	3
1339337	15	0.37	128	0.025	0.5	0.77	0.007	0.04	0.9	0.02	2.1	0.05	0.05	2
1339337	15	0.37	134	0.026	1	0.78	0.007	0.04	0.8	0.03	2.1	0.05	0.025	3
1339338	19	0.59	157	0.036	2	0.92	0.011	0.08	0.9	0.05	2.9	0.1	0.025	3
1339339	15	0.36	129	0.026	0.5	0.71	0.008	0.04	0.6	0.03	2	0.05	0.025	2
1339340	18	0.54	167	0.032	3	0.89	0.01	0.07	0.9	0.03	2.6	0.1	0.025	3
1339341	19	0.62	186	0.027	2	0.9	0.008	0.08	0.8	0.03	2.9	0.1	0.025	3
1339342	15	0.37	195	0.021	0.5	0.76	0.007	0.04	0.5	0.03	2	0.05	0.05	2
1339343	14	0.33	173	0.019	4	0.66	0.006	0.04	0.9	0.04	1.8	0.05	0.06	2
1339344	16	0.45	174	0.028	1	0.81	0.008	0.06	0.7	0.02	2.4	0.1	0.06	3
1339345	13	0.32	142	0.021	2	0.66	0.007	0.04	0.4	0.02	1.6	0.05	0.06	2
1339346	13	0.32	159	0.02	0.5	0.65	0.006	0.04	0.4	0.03	1.6	0.05	0.09	2
1339347	14	0.38	135	0.018	2	0.68	0.007	0.04	0.8	0.04	1.7	0.05	0.06	2
1339348	23	0.74	178	0.024	0.5	1.14	0.008	0.06	0.3	0.04	3.6	0.05	0.025	3
1339349	26	0.38	207	0.008	0.5	1.12	0.005	0.04	0.2	0.04	2.4	0.05	0.025	3
1339350	18	0.4	252	0.017	0.5	0.89	0.007	0.03	0.4	0.06	2.5	0.05	0.025	3
1339351	18	0.4	237	0.014	3	0.85	0.007	0.04	0.2	0.03	1.9	0.05	0.05	2
1339352	16	0.37	174	0.022	4	0.73	0.007	0.03	0.2	0.04	2.2	0.05	0.025	2
1339353	23	0.44	530	0.025	1	1.08	0.01	0.05	0.2	0.05	3.3	0.05	0.025	3
1339354	21	0.42	260	0.035	2	0.96	0.01	0.06	0.4	0.04	3.4	0.1	0.025	3
1339355	22	0.52	256	0.027	3	0.96	0.009	0.06	5.2	0.05	3.4	0.1	0.025	3

sample_id	se_ppm	te_ppm	analysis_m	job_number	colour	texture	moisture	site_slope	depth	horizon
1339317	0.6	0.1	1DX15	WHI13000377	Grey	Silt	Dry	Subtle Slope	50	C
1339318	1.1	0.1	1DX15	WHI13000377	Grey	Silt	Dry	Subtle Slope	60	B
1339319	0.25	0.1	1DX15	WHI13000377	Grey	Silt	Dry	Subtle Slope	50	B
1339320	0.25	0.1	1DX15	WHI13000377	Dark Brown	Silt	Dry	Subtle Slope	80	B
1339321	0.25	0.1	1DX15	WHI13000377	Grey	Silt	Dry	Subtle Slope	60	B
1339322	0.9	0.1	1DX15	WHI13000377	Grey	Silt	Dry	Subtle Slope	90	B
1339323	1	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	40	B
1339324	0.5	0.1	1DX15	WHI13000377	Dark Brown	Silt	Dry	Subtle Slope	50	B
1339325	0.6	0.1	1DX15	WHI13000377	Dark Brown	Silt	Dry	Subtle Slope	50	B
1339326	0.25	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	40	C
1339327	0.5	0.1	1DX15	WHI13000377	Dark Brown	Silt	Dry	Subtle Slope	50	B
1339328	0.5	0.1	1DX15	WHI13000377	Grey	Clay	Dry	Subtle Slope	100	C
1339329	0.6	0.1	1DX15	WHI13000377	Dark Brown	Silt	Wet	Subtle Slope	120	B
1339330	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Silt	Dry	Subtle Slope	60	B
1339331	0.9	0.1	1DX15	WHI13000377	Dark Brown	Silt	Dry	Subtle Slope	70	B
1339332	0.7	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	50	B
1339333	0.25	0.1	1DX15	WHI13000377	Dark Brown	Sand	Dry	Subtle Slope	60	B
1339334	0.7	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Dry	Subtle Slope	70	C
1339335	0.25	0.1	1DX15	WHI13000377	Grey	Silt	Dry	Subtle Slope	40	B
1339336	0.6	0.1	1DX15	WHI13000377	Grey	Silt	Dry	Subtle Slope	40	B
1339337	0.25	0.1	1DX15	WHI13000377	Light Brown	Sand	Dry	Subtle Slope	100	C
1339337	0.6	0.1	1DX15	WHI13000377	Light Brown	Sand	Dry	Subtle Slope	100	C
1339337	0.6	0.1	1DX15	WHI13000377	Light Brown	Sand	Dry	Subtle Slope	100	C
1339338	0.8	0.1	1DX15	WHI13000377	Light Brown	Sand	Dry	Subtle Slope	50	C
1339339	0.25	0.1	1DX15	WHI13000377	Dark Brown	Sand	Dry	Subtle Slope	60	B
1339340	0.6	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	70	C
1339341	0.25	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	70	C
1339342	1.2	0.1	1DX15	WHI13000377	Dark Brown	Silt	Dry	Subtle Slope	120	B
1339343	0.8	0.1	1DX15	WHI13000377	Dark Brown	Silt	Dry	Subtle Slope	100	B
1339344	1.3	0.1	1DX15	WHI13000377	Dark Brown	Silt	Damp	Subtle Slope	70	B
1339345	0.25	0.1	1DX15	WHI13000377	Dark Brown	Silt	Damp	Flat	50	B
1339346	0.8	0.1	1DX15	WHI13000377	Dark Brown	Silt	Dry	Subtle Slope	100	B
1339347	0.6	0.1	1DX15	WHI13000377	Dark Brown	Sand	Dry	Subtle Slope	50	B
1339348	0.25	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	60	C
1339349	0.6	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	80	C
1339350	0.25	0.1	1DX15	WHI13000377	Light Brown	Sand	Dry	Subtle Slope	60	C
1339351	0.9	0.1	1DX15	WHI13000377	Chocolate Brown	Silt	Dry	Subtle Slope	60	B
1339352	0.25	0.1	1DX15	WHI13000377	Light Brown	Silt	Dry	Subtle Slope	70	C
1339353	0.6	0.1	1DX15	WHI13000376	Light Brown	Clay	Dry	Subtle Slope	60	C
1339354	0.7	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	80	C
1339355	0.8	0.1	1DX15	WHI13000376	Light Brown	Clay	Dry	Subtle Slope	80	C

sample_id	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of_id
1339317	White Spruce	Thin Moss Cover	Good	Rocky			
1339318	White Spruce	Thin Moss Cover	Good	Rocky			
1339319	White Spruce	Thin Moss Cover	Good	Rocky			
1339320	White Spruce	Thin Moss Cover	Poor	Rocky			
1339321	Alders	Thin Moss Cover	Good	Rocky			
1339322	White Spruce	Thin Moss Cover	Good				
1339323	White Spruce	Thin Moss Cover	Good	Rocky			
1339324	Black Spruce	Reindeer Moss	Poor	Rocky			
1339325	Black Spruce	Reindeer Moss	Poor	Rocky			1339324
1339326	Alders	Leaf Cover	Good	Coarse			
1339327	Black Spruce	Reindeer Moss	Good	Bright Orange Rust			
1339328	Alders	Thin Moss Cover	Good	Rocky			
1339329	Alders	Grass Cover	Poor	Possible Creek Contamination			
1339330	White Spruce	Thin Moss Cover	Poor	Rocky			
1339331	White Spruce	Thin Moss Cover	Poor				
1339332	Black Spruce	Thin Moss Cover	Good	Partially Frozen			
1339333	Black Spruce	Reindeer Moss	Poor	Rocky			
1339334	Black Spruce	Reindeer Moss	Good	Rocky	Rocky Sample		
1339335	Black Spruce	Reindeer Moss	Good	Partially Frozen			
1339336	Black Spruce	Reindeer Moss	Good	Bright Orange Rust			
1339337	Alders	Bare Soil	Good	Bright Orange Rust			
1339337	Alders	Bare Soil	Good	Bright Orange Rust			
1339337	Alders	Bare Soil	Good	Bright Orange Rust			
1339338	White Spruce	Thin Moss Cover	Good	Rocky			
1339339	White Spruce	Thin Moss Cover	Good	Rocky			
1339340	White Spruce	Reindeer Moss	Good	Rocky			
1339341	White Spruce	Thin Moss Cover	Good	Bright Orange Rust			
1339342	Alders	Grass Cover	Poor	Organic 10%			
1339343	Alders	Bare Soil	Poor	Organic 10%			
1339344	Black Spruce	Reindeer Moss	Good	Coarse	sible Creek Contamination		
1339345	Black Spruce	Grass Cover	Poor	Organic 10%	Partially Frozen		
1339346	Black Spruce	Reindeer Moss	Poor	Rocky			
1339347	Alders	Thin Moss Cover	Good	Coarse	sible Creek Contamination		
1339348	White Spruce	Reindeer Moss	Good	Rocky			
1339349	Old Burn	Grass Cover	Good	Loess			
1339350	Old Burn	Grass Cover	Good	Rocky			
1339351	Old Burn	Burnt Moss	Good	Rocky			
1339352	Old Burn	Grass Cover	Good	Fine			
1339353	Old Burn	Burnt Moss	Good	Rocky			
1339354	Old Burn	Burnt Moss	Excellent	Coarse			
1339355	Old Burn	Burnt Moss	Good	Coarse			

sample_id	project	sample	zone	easting	northing	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1339356	SHI	SOIL	8	469105	7090942	1.2	40	17.1	75	0.3	30.8	11	649
1339357	SHI	SOIL	8	469115	7090920	1.1	18.6	13.7	63	0.2	19.9	9.4	339
1339358	SHI	SOIL	8	469118	7090894	1.3	33.4	16.3	81	0.3	25.4	9.6	442
1339359	SHI	SOIL	8	469129	7090871	1.1	26.5	15.6	69	0.2	22.1	8.9	407
1339360	SHI	SOIL	8	469138	7090848	2.1	43.3	34.7	113	0.1	24.1	15.4	924
1339361	SHI	SOIL	8	469144	7090824	1.1	39.7	21.3	68	0.2	19.3	8.4	326
1339362	SHI	SOIL	8	469156	7090802	1.3	39.2	18.6	71	0.2	21.7	8.2	313
1339363	SHI	SOIL	8	469163	7090776	1.3	42.8	17.8	69	0.3	28.2	8.9	403
1339364	SHI	SOIL	8	469172	7090754	1.1	38.8	15.8	60	0.3	25.8	8.7	457
1339365	SHI	SOIL	8	469177	7090729	1.1	33.4	18.1	54	0.1	17.4	7.3	226
1339366	SHI	SOIL	8	469187	7090706	1.9	93.9	30.1	100	0.6	34.4	10.6	546
1339367	SHI	SOIL	8	469191	7090682	1.9	104.7	17.5	84	0.5	41.5	16.5	1239
1339368	SHI	SOIL	8	469202	7090658	1.1	64.1	14.6	58	0.4	24.9	9.9	660
1339369	SHI	SOIL	8	469210	7090634	1.3	24.6	12.4	52	0.05	22.8	8.5	213
1339370	SHI	SOIL	8	469219	7090611	1.1	28.8	14.2	51	0.05	27.6	9	362
1339371	SHI	SOIL	8	469225	7090588	1	35.5	13	56	0.3	23.9	8.1	403
1339372	SHI	SOIL	8	469232	7090564	0.9	51.3	12.8	54	0.3	24.5	8.8	393
1339373	SHI	SOIL	8	469241	7090541	1.3	41.5	12.5	61	0.2	24.7	11.5	571
1339374	SHI	SOIL	8	469250	7090516	1.2	55.8	18	69	0.3	28.3	10.2	566
1339375	SHI	SOIL	8	469250	7090516	1	44.6	15.2	64	0.3	25.2	9.3	369
1339376	SHI	SOIL	8	469258	7090493	1.1	31	12.9	51	0.2	19.9	7.5	364
1339377	SHI	SOIL	8	469266	7090469	1.3	40.8	19.9	74	0.3	27.4	10.1	489
1339377	SHI	REP	8	469266	7090469	1.2	39.6	19.6	73	0.3	28.3	10	486
1339378	SHI	SOIL	8	469277	7090448	1.2	33.5	18	66	0.3	26.7	8.8	427
1339379	SHI	SOIL	8	469284	7090423	1.2	38	18.9	69	0.3	25.3	9.3	459
1339380	SHI	SOIL	8	469293	7090400	1.1	36.3	18.6	67	0.3	25.5	9.2	397
1339381	SHI	SOIL	8	469303	7090376	1.3	31.5	14.7	61	0.3	24.4	9.4	613
1339382	SHI	SOIL	8	469312	7090352	3.3	43.8	14.9	75	0.5	34.3	9	329
1339426	SHI	SOIL	8	468623	7090800	0.6	15.8	23.3	78	0.2	16.3	8.9	431
1339427	SHI	SOIL	8	468630	7090778	0.7	30.6	47.7	110	0.8	18.9	6.9	324
1339428	SHI	SOIL	8	468640	7090754	0.6	22.1	17.2	74	0.2	17.4	7.3	379
1339429	SHI	SOIL	8	468649	7090730	0.7	40.1	36	68	0.3	22	9.5	425
1339430	SHI	SOIL	8	468657	7090707	0.9	38.5	47.4	79	0.3	21.9	10.5	627
1339431	SHI	SOIL	8	468665	7090683	0.4	30.7	18.1	71	0.2	18.9	6.7	319
1339432	SHI	SOIL	8	468673	7090659	0.7	28	23.7	81	0.2	19.7	8.9	480
1339433	SHI	SOIL	8	468682	7090635	0.7	36.2	27.8	83	0.3	19.4	8.8	536
1339434	SHI	SOIL	8	468690	7090611	1	59.4	33.2	74	0.3	25.9	10	476
1339435	SHI	SOIL	8	468698	7090588	1.2	46.2	26.7	72	0.3	27.3	10.8	463
1339436	SHI	SOIL	8	468706	7090563	1.6	50.4	27	103	0.4	29.6	10.8	544
1339437	SHI	SOIL	8	468716	7090541	1.4	56.6	37	151	0.6	28.8	9.5	424
1339438	SHI	SOIL	8	468723	7090518	1.6	47	36.2	150	0.5	27.5	9.6	562

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1339356	2.56	25.6	1.9	6.1	4	35	0.6	1	0.2	37	0.86	0.076	15
1339357	2.32	24.3	0.8	3.1	3.9	29	0.2	0.7	0.2	35	0.63	0.077	13
1339358	2.51	36.2	1	3.5	5.4	29	0.4	1	0.2	35	0.74	0.08	19
1339359	2.35	34.6	1.2	4.1	4.1	28	0.2	1.1	0.2	33	0.57	0.086	15
1339360	3.48	79	1	3.7	5.6	21	0.4	1.8	0.4	42	0.44	0.055	13
1339361	2.51	54.8	1	19.4	3.9	21	0.2	0.9	0.2	39	0.48	0.038	13
1339362	2.35	41.8	1.3	10.7	3.9	21	0.2	1	0.2	41	0.55	0.027	16
1339363	2.52	84.2	0.8	31.3	4	23	0.2	1.2	0.3	33	0.65	0.08	15
1339364	2.3	32.4	1.2	4.9	3.7	26	0.3	1	0.2	32	0.66	0.064	15
1339365	2.28	30.6	0.8	2.8	3.7	16	0.05	0.6	0.2	45	0.36	0.029	12
1339366	3.04	142.3	1.1	18.6	6.1	18	0.4	2.2	0.3	26	0.36	0.089	17
1339367	2.92	45.9	1.1	11.6	5.4	28	0.3	1.1	0.3	33	0.72	0.053	19
1339368	1.96	226.3	3.6	63.6	1.9	54	0.5	1.2	0.2	29	1.59	0.071	11
1339369	2.27	144.8	1.1	13.3	3.6	15	0.05	0.9	0.2	43	0.3	0.029	13
1339370	2.64	98.3	1	12.8	5.2	17	0.05	1.2	0.2	44	0.31	0.027	17
1339371	1.98	256.6	2.1	7	2.1	44	0.4	1.2	0.2	29	1.19	0.064	12
1339372	2.09	231	3.7	12.7	2	42	0.3	1.1	0.2	33	1.19	0.063	14
1339373	2.36	178.4	4	10.3	2.8	33	0.1	1.1	0.2	37	0.8	0.082	14
1339374	2.51	179.6	4.3	7.9	3.5	41	0.4	1.6	0.2	33	1.3	0.073	16
1339375	2.25	147	2.9	8.3	2.9	34	0.4	1.3	0.2	33	0.9	0.065	13
1339376	2.07	189.9	2.7	8.2	2	41	0.3	0.9	0.2	31	1.16	0.065	11
1339377	2.56	117.8	1.6	7.7	3.2	27	0.3	1.2	0.3	33	0.82	0.056	15
1339377	2.6	120.9	1.6	17.2	3.4	28	0.3	1.2	0.3	32	0.8	0.059	16
1339378	2.51	64.3	1.1	4.5	4.3	21	0.2	1	0.2	37	0.51	0.046	18
1339379	2.37	82.9	1.4	11.9	3.2	26	0.3	1.1	0.2	33	0.64	0.061	14
1339380	2.4	65.8	1.2	6	2.8	28	0.3	1.2	0.2	34	0.75	0.061	13
1339381	2.13	49.6	2	11.5	2.7	40	0.4	1	0.2	30	1.24	0.062	13
1339382	2.7	27.1	1.3	7.3	4.4	29	0.4	1.4	0.2	33	0.72	0.088	18
1339426	1.96	26.1	1.3	295.8	3.3	42	0.3	0.6	0.2	24	0.88	0.059	14
1339427	1.95	30.4	1.9	268.9	3.1	37	0.6	1	0.2	23	0.84	0.057	14
1339428	1.79	23.2	1.5	12.1	2.4	38	0.5	0.6	0.1	24	1.04	0.053	12
1339429	2.11	23.7	3	3.2	2.7	65	0.5	0.8	0.2	31	1.38	0.06	14
1339430	2.25	31	3.2	3.6	3.2	50	0.5	0.8	0.3	31	1.08	0.056	16
1339431	1.62	18.7	1.8	9.5	2.1	45	0.6	0.6	0.2	21	1.13	0.051	11
1339432	1.96	24.2	2.6	9.5	2.8	55	0.6	0.7	0.2	27	1.14	0.048	13
1339433	1.89	21	2.6	4	2.3	62	0.6	0.8	0.3	25	1.37	0.054	13
1339434	2.21	33.3	2.3	6.5	3.2	52	0.5	1.3	0.4	28	1.3	0.063	15
1339435	2.52	41.8	1.8	7.7	4.4	33	0.2	1.3	0.3	33	0.65	0.049	18
1339436	2.58	57.2	1.4	5.4	4.9	32	0.5	1.7	0.5	30	0.61	0.07	18
1339437	2.49	47.8	2.1	6.2	4.7	38	0.9	1.8	0.5	29	0.85	0.08	19
1339438	2.49	51.2	1.1	5.4	5.2	37	0.9	1.8	0.3	29	0.78	0.074	19

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm
1339356	23	0.49	340	0.023	5	1.11	0.008	0.06	0.3	0.06	3.8	0.1	0.06	3
1339357	18	0.42	162	0.032	2	0.9	0.008	0.06	0.3	0.03	2.6	0.1	0.025	3
1339358	20	0.6	230	0.037	1	1.05	0.012	0.08	0.4	0.05	3.4	0.1	0.025	3
1339359	21	0.46	216	0.025	4	1.04	0.007	0.05	0.3	0.06	2.9	0.05	0.025	3
1339360	25	0.54	167	0.03	5	1.36	0.008	0.1	0.5	0.005	3.5	0.2	0.025	4
1339361	21	0.38	198	0.02	3	1.01	0.006	0.05	0.4	0.03	2.5	0.05	0.025	4
1339362	22	0.42	264	0.022	2	1.27	0.007	0.06	0.3	0.02	2.8	0.1	0.025	4
1339363	21	0.55	309	0.025	4	0.96	0.009	0.05	0.4	0.04	3.2	0.05	0.025	3
1339364	21	0.42	293	0.024	6	0.97	0.008	0.04	0.4	0.05	3.2	0.05	0.025	3
1339365	21	0.42	229	0.022	0.5	1.3	0.006	0.04	0.2	0.005	2.7	0.1	0.025	4
1339366	19	0.46	203	0.023	1	0.91	0.007	0.06	0.9	0.07	3.1	0.1	0.025	3
1339367	25	0.71	367	0.011	2	1.42	0.006	0.04	0.2	0.04	2.8	0.05	0.025	4
1339368	18	0.41	342	0.018	2	0.84	0.008	0.04	0.4	0.05	2.3	0.05	0.07	2
1339369	23	0.34	204	0.017	0.5	1.23	0.004	0.03	0.2	0.01	2.3	0.05	0.025	3
1339370	26	0.35	345	0.019	0.5	1.22	0.007	0.03	0.3	0.04	4.8	0.05	0.025	3
1339371	18	0.34	250	0.014	1	0.87	0.007	0.04	0.6	0.04	2.4	0.05	0.025	3
1339372	19	0.4	305	0.02	1	0.96	0.008	0.04	0.2	0.05	2.6	0.05	0.05	3
1339373	22	0.46	271	0.028	2	1.05	0.009	0.05	0.3	0.05	3	0.05	0.025	3
1339374	20	0.48	291	0.031	2	0.98	0.01	0.07	0.4	0.05	3	0.1	0.06	3
1339375	19	0.4	240	0.025	2	0.89	0.008	0.05	0.7	0.05	2.7	0.1	0.025	3
1339376	17	0.37	227	0.018	3	0.79	0.007	0.04	0.7	0.05	2.2	0.05	0.05	2
1339377	21	0.45	281	0.021	5	0.99	0.008	0.05	0.6	0.04	3	0.1	0.025	3
1339377	20	0.46	283	0.02	5	1.01	0.008	0.06	0.6	0.03	3.1	0.1	0.025	3
1339378	21	0.45	271	0.028	1	1.05	0.01	0.06	0.4	0.03	3.4	0.05	0.025	3
1339379	20	0.45	258	0.02	3	0.95	0.008	0.05	0.5	0.05	2.8	0.05	0.025	3
1339380	21	0.43	273	0.019	4	0.96	0.008	0.05	0.4	0.04	2.8	0.05	0.025	3
1339381	18	0.4	248	0.022	2	0.9	0.007	0.05	0.4	0.05	2.5	0.1	0.06	3
1339382	24	0.44	244	0.016	2	0.99	0.008	0.05	0.3	0.06	2.9	0.05	0.025	3
1339426	17	0.4	156	0.023	0.5	0.83	0.007	0.04	0.5	0.04	1.9	0.05	0.025	2
1339427	16	0.39	164	0.02	2	0.84	0.008	0.05	0.4	0.04	2.2	0.05	0.06	2
1339428	16	0.38	145	0.018	2	0.83	0.007	0.04	0.4	0.04	1.9	0.05	0.1	3
1339429	22	0.46	227	0.02	1	1.02	0.007	0.04	0.3	0.04	2.6	0.05	0.025	3
1339430	21	0.44	212	0.029	3	0.97	0.008	0.05	0.2	0.05	2.6	0.05	0.025	3
1339431	15	0.36	177	0.016	2	0.76	0.007	0.04	0.3	0.02	1.8	0.05	0.06	2
1339432	18	0.43	200	0.024	1	0.93	0.008	0.05	0.1	0.03	2	0.05	0.025	3
1339433	18	0.4	193	0.022	2	0.93	0.01	0.05	0.3	0.04	2.1	0.05	0.025	3
1339434	21	0.44	234	0.027	2	0.97	0.008	0.05	0.3	0.06	2.7	0.05	0.025	3
1339435	23	0.44	250	0.03	2	1.05	0.008	0.05	0.2	0.05	3	0.05	0.025	3
1339436	21	0.44	224	0.035	2	0.98	0.009	0.06	0.5	0.07	3	0.1	0.025	3
1339437	21	0.47	204	0.031	2	1.01	0.009	0.06	0.4	0.06	3.1	0.1	0.025	3
1339438	21	0.44	177	0.031	2	0.98	0.009	0.06	0.5	0.05	2.5	0.1	0.025	3

sample_id	se_ppm	te_ppm	analysis_m	job_number	colour	texture	moisture	site_slope	depth	horizon
1339356	0.8	0.1	1DX15	WHI13000376	Light Brown	Clay	Dry	Subtle Slope	60	C
1339357	0.25	0.1	1DX15	WHI13000376	Light Brown	Clay	Dry	Subtle Slope	60	C
1339358	0.7	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	60	C
1339359	0.6	0.1	1DX15	WHI13000376	Light Brown	Clay	Dry	Subtle Slope	60	C
1339360	0.25	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	40	C
1339361	0.25	0.1	1DX15	WHI13000376	Light Brown	Clay	Dry	Subtle Slope	70	C
1339362	0.25	0.1	1DX15	WHI13000376	Light Brown	Clay	Dry	Subtle Slope	60	C
1339363	0.25	0.1	1DX15	WHI13000376	Light Brown	Clay	Dry	Subtle Slope	70	C
1339364	0.7	0.1	1DX15	WHI13000376	Light Brown	Clay	Dry	Subtle Slope	80	B
1339365	0.25	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	40	C
1339366	0.5	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	50	C
1339367	0.6	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1339368	0.9	0.1	1DX15	WHI13000376	Dark Brown	Silt	Dry	Subtle Slope	150	B
1339369	0.25	0.1	1DX15	WHI13000376	Light Brown	Silt	Dry	Subtle Slope	50	B
1339370	0.6	0.1	1DX15	WHI13000376	Light Brown	Silt	Dry	Subtle Slope	40	C
1339371	0.8	0.1	1DX15	WHI13000376	Dark Brown	Silt	Dry	Subtle Slope	60	B
1339372	0.9	0.1	1DX15	WHI13000376	Chocolate Brown	Silt	Dry	Subtle Slope	60	B
1339373	0.6	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	50	B
1339374	0.8	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	50	C
1339375	0.5	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	50	C
1339376	0.6	0.1	1DX15	WHI13000376	Chocolate Brown	Silt	Dry	Subtle Slope	60	B
1339377	0.9	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	50	C
1339377	0.6	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	50	C
1339378	0.25	0.1	1DX15	WHI13000376	Light Brown	Silt	Dry	Subtle Slope	50	C
1339379	0.5	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Dry	Subtle Slope	50	B
1339380	0.25	0.1	1DX15	WHI13000376	Light Brown	Clay	Dry	Subtle Slope	70	C
1339381	0.7	0.1	1DX15	WHI13000376	Chocolate Brown	Silt	Dry	Subtle Slope	60	B
1339382	0.7	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	80	C
1339426	0.6	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	40	B
1339427	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1339428	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1339429	0.8	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1339430	1	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1339431	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	50	B
1339432	0.5	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	40	B
1339433	1.2	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	40	B
1339434	1.2	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1339435	0.8	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1339436	0.9	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Wet	Subtle Slope	30	B
1339437	1.2	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1339438	1.2	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	40	B

sample_id	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of_id
1339356	Old Burn	Burnt Moss	Good	Rocky			
1339357	Old Burn	Burnt Moss	Good	Rocky			
1339358	Old Burn	Burnt Moss	Good	Coarse			
1339359	Old Burn	Burnt Moss	Good	Rocky			
1339360	Old Burn	Burnt Moss	Good	Rocky			
1339361	Old Burn	Grass Cover	Good				
1339362	Old Burn	Burnt Moss	Good	Rocky			
1339363	Old Burn	Burnt Moss	Good				
1339364	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339365	Old Burn	Grass Cover	Good	Fine			
1339366	Old Burn	Burnt Moss	Good	Coarse			
1339367	Old Burn	Burnt Moss	Good	Outcrop Nearby			
1339368	Old Burn	Burnt Moss	Poor				
1339369	Old Burn	Burnt Moss	Good	Fine			
1339370	Old Burn	Burnt Moss	Good	Rocky			
1339371	Old Burn	Burnt Moss	Good				
1339372	Old Burn	Grass Cover	Poor				
1339373	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339374	Old Burn	Grass Cover	Good	Rocky			
1339375	Old Burn	Grass Cover	Good	Rocky			1339374
1339376	Old Burn	Burnt Moss	Good				
1339377	Old Burn	Burnt Moss	Good	Rocky			
1339377	Old Burn	Burnt Moss	Good	Rocky			
1339378	Black Spruce	Burnt Moss	Good	Rocky			
1339379	Old Burn	Burnt Moss	Good				
1339380	Old Burn	Burnt Moss	Good	Rocky			
1339381	Old Burn	Burnt Moss	Good	Rocky			
1339382	Old Burn	Burnt Moss	Good	Rocky			
1339426	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1339427	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen			
1339428	White Spruce	Sphagnum Moss < 30cm	Good				
1339429	White Spruce	Sphagnum Moss < 30cm	Good				
1339430	White Spruce	Sphagnum Moss < 30cm	Good				
1339431	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%			
1339432	White Spruce	Sphagnum Moss < 30cm	Good				
1339433	White Spruce	Sphagnum Moss < 30cm	Good				
1339434	White Spruce	Sphagnum Moss < 30cm	Good				
1339435	White Spruce	Sphagnum Moss < 30cm	Good				
1339436	White Spruce	Sphagnum Moss < 30cm	Good				
1339437	White Spruce	Sphagnum Moss < 30cm	Good				
1339438	White Spruce	Sphagnum Moss < 30cm	Good				

sample_id	project	sample	zone	easting	northing	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1339439	SHI	SOIL	8	468731	7090494	0.6	28.5	18.9	113	0.2	18.9	6.8	404
1339440	SHI	SOIL	8	468740	7090469	0.9	38.1	24.2	120	0.2	22.7	8.5	490
1339441	SHI	SOIL	8	468748	7090446	0.9	32.7	23.6	102	0.2	22.4	8.3	474
1339442	SHI	SOIL	8	468757	7090423	2.1	57.9	17.7	74	0.3	25.1	7.8	583
1339443	SHI	SOIL	8	468766	7090398	1.3	51	18.6	71	0.3	21.9	6.9	338
1339444	SHI	SOIL	8	468774	7090377	1.6	57	20.1	77	0.3	25.3	9	398
1339445	SHI	SOIL	8	468791	7090328	0.8	46.8	18.9	70	0.2	18.3	5.2	182
1339446	SHI	SOIL	8	468798	7090304	1.9	73.8	22.5	83	0.3	25.8	7.5	286
1339447	SHI	SOIL	8	468806	7090282	1.2	41.9	18.4	57	0.4	24.8	8.5	643
1339448	SHI	SOIL	8	468813	7090257	1.3	38.4	24.8	73	0.2	22.8	9.8	624
1339449	SHI	SOIL	8	468823	7090234	1.5	61.1	27.1	85	0.5	32.8	11.7	629
1339450	SHI	SOIL	8	468830	7090211	1.7	25.2	21.2	95	0.1	21.2	8.6	401
1339450	SHI	REP	8	468830	7090211	1.7	25.4	22.3	96	0.1	20.7	9	443
1339450	SHI	REP	8	468830	7090211	1.7	25.8	20.9	97	0.1	20.8	8.6	395
1339392	SHI	SOIL	8	468865	7090115	1.4	37.2	18.9	72	0.2	20.4	8.5	482
1339391	SHI	SOIL	8	468855	7090139	1.1	38	14.2	76	0.2	18.5	7	505
1339390	SHI	SOIL	8	468848	7090164	2	42.6	19.8	76	0.3	25.7	14.9	2329
1339389	SHI	SOIL	8	468839	7090186	1.1	45.5	20.1	65	0.3	23.7	8.5	477
1339393	SHI	SOIL	8	468873	7090093	1.1	48.5	26.6	110	0.2	28.7	12.5	798
1339394	SHI	SOIL	8	469250	7090225	0.6	30.3	14.3	68	0.3	27.2	7.8	291
1339395	SHI	SOIL	8	469243	7090247	1.2	37.5	15.8	57	0.3	27.3	9.6	374
1339396	SHI	SOIL	8	469234	7090271	1.3	40.2	15.2	53	0.3	26.9	8.9	372
1339397	SHI	SOIL	8	469227	7090294	1.9	30.3	11.7	56	0.3	20.6	7	423
1339398	SHI	SOIL	8	469218	7090319	7.1	54.2	17.1	80	0.5	37.1	10.1	456
1339399	SHI	SOIL	8	469211	7090342	2.1	53.4	18.9	68	0.4	33.3	10.8	487
1339400	SHI	SOIL	8	469202	7090365	1.1	31.3	18.7	59	0.2	22.8	8.5	422
1339401	SHI	SOIL	8	469193	7090389	1.1	41.9	20	66	0.2	25.8	9.4	379
1333270	SHI	SOIL	8	469053	7090181	0.6	19.9	11.7	61	0.2	14.6	5.4	235
1333271	SHI	SOIL	8	469044	7090204	1	20	13.9	63	0.2	15.6	8.3	351
1333272	SHI	SOIL	8	469036	7090228	1.4	49.9	16.6	74	0.3	27.7	9.3	540
1333273	SHI	SOIL	8	469028	7090253	1	43	16.2	75	0.3	25.6	8.6	438
1333274	SHI	SOIL	8	469021	7090276	0.7	34	14.9	69	0.2	19.6	7.3	463
1333275	SHI	SOIL	8	469021	7090276	0.9	37.5	16.3	61	0.3	20.8	7	478
1333276	SHI	SOIL	8	469011	7090300	1	37.2	23.4	83	0.3	23.6	8.7	508
1333277	SHI	SOIL	8	469003	7090323	0.9	24.8	18.2	80	0.3	19.7	7.8	441
1333278	SHI	SOIL	8	468996	7090346	1.1	27.6	19.9	80	0.3	20.2	8.4	411
1333278	SHI	REP	8	468996	7090346	1.1	27.6	19.5	80	0.3	20.4	8.2	407
1333279	SHI	SOIL	8	468987	7090371	1	27.9	25.2	83	0.2	18.7	8.7	639
1333280	SHI	SOIL	8	468979	7090393	0.9	24.6	19.2	69	0.2	18	8.1	438
1333281	SHI	SOIL	8	468970	7090417	1.1	20.5	15.9	66	0.3	18	10.6	591
1333282	SHI	SOIL	8	468962	7090441	0.7	28.7	11.9	58	0.1	16.1	7.2	391

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1339439	1.73	24.1	1.1	4.1	2.6	40	0.5	0.9	0.2	24	0.93	0.068	13
1339440	1.97	30.6	2	4.8	1.8	60	0.8	1.3	0.6	25	1.65	0.058	11
1339441	1.99	31.9	2	2.1	2.1	52	0.6	1.1	0.2	29	1.36	0.056	13
1339442	1.89	25.1	2.2	5.7	2.3	59	0.5	1.4	0.2	19	1.57	0.058	12
1339443	1.55	17.2	2.2	3.9	2.2	54	0.5	1.3	0.2	21	1.56	0.056	12
1339444	1.84	27.4	3.1	5.2	2.7	57	0.5	1.4	0.3	23	1.57	0.064	13
1339445	1.31	11.1	2	1.9	3.4	35	0.6	1.4	0.2	24	0.78	0.044	16
1339446	1.47	24.1	3.1	6.5	3.6	51	0.5	1.8	0.3	26	1.16	0.055	14
1339447	2.4	32.7	1.8	20	3.9	30	0.3	1.3	0.3	35	0.71	0.039	17
1339448	2.02	35.9	1.4	6.9	2.7	46	0.4	1.1	0.2	28	1.23	0.056	13
1339449	2.42	45.8	1.7	9.6	3.4	44	0.7	1.4	0.3	29	1.19	0.066	19
1339450	2.25	28.7	0.5	2.2	3.8	22	0.9	1	0.2	41	0.42	0.034	13
1339450	2.29	30.2	0.5	0.25	4.3	23	1.1	0.9	0.2	46	0.44	0.034	15
1339450	2.26	29.7	0.5	13.8	3.9	22	1	1	0.2	41	0.43	0.031	13
1339392	2.02	29.3	2	10.3	2.5	45	0.5	0.9	0.2	26	1.08	0.048	12
1339391	1.71	25.6	1.7	4.1	1.4	59	0.4	0.8	0.2	18	1.65	0.052	10
1339390	2.19	52.9	2.3	1.7	1.8	55	0.6	1.3	0.3	22	1.55	0.064	12
1339389	2.03	37.3	1.8	9.2	2.8	38	0.5	1.1	0.2	28	1.3	0.063	14
1339393	2.57	28.5	1.7	7.5	3.7	43	0.9	1	0.3	37	0.96	0.046	15
1339394	1.86	15	0.9	3.3	2.3	54	0.5	1	0.2	28	1.56	0.062	10
1339395	2.22	18.7	1.9	2	1.8	51	0.3	1.1	0.2	35	1.43	0.065	12
1339396	2.1	21.4	2.1	1.7	2.1	55	0.2	1.2	0.3	31	1.49	0.064	11
1339397	1.81	20.6	1.6	1.7	1.8	45	0.3	0.9	0.2	21	1.3	0.056	11
1339398	2.84	21.4	2.2	8.4	4.4	29	0.4	1.5	0.3	30	0.62	0.071	16
1339399	2.53	25.2	1.7	4.7	3.4	40	0.4	1.2	0.3	37	1.03	0.059	16
1339400	2.14	33.1	1.3	3.2	3.1	36	0.3	1	0.2	31	0.93	0.04	13
1339401	2.5	35.3	1.9	3.1	2.4	43	0.4	1.2	0.3	38	1.1	0.043	14
1333270	1.6	25.5	1.3	5.6	2.1	32	0.2	0.6	0.1	24	0.91	0.061	11
1333271	1.99	32.5	1.2	11.6	3.3	23	0.3	0.6	0.1	26	0.53	0.063	14
1333272	1.95	32.9	2.9	5.1	1.4	47	0.6	0.9	0.3	27	1.36	0.067	12
1333273	2.09	34.1	2.2	14.9	2.4	38	0.6	0.9	0.2	29	0.98	0.06	12
1333274	1.76	32.2	2.3	3.9	1.6	49	0.4	0.8	0.2	23	1.39	0.053	10
1333275	1.64	33.8	2.8	9.9	1.6	59	0.6	0.9	0.2	21	1.76	0.055	12
1333276	2.21	43.7	3.3	13.8	2.7	40	0.5	1.1	0.2	28	1.09	0.065	13
1333277	2.18	38.1	1.4	8.5	3.6	35	0.4	0.9	0.3	30	0.96	0.068	13
1333278	2.18	52.9	1.3	9.8	3.7	33	0.5	1	0.2	26	0.76	0.063	13
1333278	2.15	53	1.4	217.8	3.8	32	0.5	1	0.2	26	0.78	0.063	13
1333279	2	34.9	2.3	5.7	2.3	43	0.5	0.6	0.2	28	1.03	0.052	11
1333280	1.98	35.6	1.3	3.3	3.2	34	0.2	0.7	0.2	26	0.88	0.057	12
1333281	2.05	31.1	1.2	6	3.9	27	0.3	0.8	0.3	25	0.66	0.061	14
1333282	1.72	27.4	1.6	14.9	2.5	40	0.2	0.6	0.1	22	1	0.037	13

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm
1339439	15	0.37	154	0.032	1	0.73	0.009	0.05	0.2	0.03	1.8	0.05	0.025	2
1339440	17	0.41	204	0.022	2	0.82	0.008	0.04	0.2	0.05	1.8	0.05	0.025	2
1339441	19	0.38	195	0.024	1	0.81	0.008	0.04	0.4	0.04	1.9	0.05	0.025	3
1339442	16	0.4	165	0.02	2	0.76	0.007	0.04	0.6	0.04	1.6	0.05	0.025	2
1339443	16	0.4	161	0.021	2	0.78	0.007	0.04	0.3	0.05	1.8	0.05	0.07	2
1339444	17	0.41	187	0.022	2	0.82	0.008	0.04	0.4	0.05	2	0.05	0.1	2
1339445	17	0.37	135	0.029	1	0.82	0.007	0.04	0.4	0.04	1.9	0.05	0.025	3
1339446	19	0.42	217	0.023	2	0.91	0.007	0.04	0.3	0.06	2.4	0.05	0.12	3
1339447	21	0.38	234	0.023	0.5	1.09	0.01	0.04	0.8	0.04	2.9	0.05	0.025	3
1339448	19	0.4	170	0.027	2	0.85	0.009	0.05	0.3	0.05	2.3	0.05	0.025	3
1339449	21	0.48	208	0.027	0.5	1	0.011	0.07	0.4	0.06	3.1	0.1	0.025	3
1339450	22	0.36	204	0.026	1	1.13	0.008	0.06	0.4	0.04	2.5	0.05	0.025	4
1339450	24	0.37	206	0.034	0.5	1.16	0.008	0.07	0.5	0.03	2.6	0.1	0.025	4
1339450	22	0.36	202	0.026	1	1.14	0.008	0.06	0.5	0.03	2.5	0.05	0.025	4
1339392	17	0.4	180	0.023	1	0.85	0.008	0.06	0.4	0.04	2	0.05	0.025	3
1339391	14	0.39	210	0.015	2	0.75	0.006	0.04	0.3	0.04	1.6	0.05	0.09	2
1339390	15	0.37	283	0.018	4	0.72	0.008	0.04	0.6	0.06	1.6	0.05	0.05	2
1339389	17	0.51	187	0.025	1	0.82	0.009	0.06	0.3	0.03	2.2	0.05	0.025	2
1339393	24	0.48	281	0.027	1	1.22	0.011	0.07	0.3	0.05	2.9	0.1	0.025	4
1339394	20	0.41	246	0.016	1	0.96	0.008	0.05	0.2	0.03	2.3	0.05	0.025	3
1339395	22	0.41	332	0.018	0.5	1.01	0.009	0.04	0.2	0.05	2.5	0.05	0.025	3
1339396	20	0.38	302	0.016	2	1.03	0.007	0.03	0.2	0.05	2.4	0.05	0.025	3
1339397	14	0.34	204	0.016	2	0.68	0.007	0.03	0.4	0.04	1.9	0.05	0.025	2
1339398	21	0.37	291	0.024	2	0.87	0.008	0.05	0.3	0.06	2.6	0.05	0.025	3
1339399	24	0.45	274	0.026	1	1.12	0.012	0.05	0.3	0.06	3.3	0.05	0.025	3
1339400	18	0.41	189	0.029	2	0.89	0.011	0.05	0.6	0.04	2.4	0.05	0.025	3
1339401	22	0.46	245	0.025	1	1.13	0.01	0.05	0.5	0.06	3.1	0.05	0.025	3
1333270	14	0.33	134	0.021	1	0.67	0.006	0.04	0.4	0.03	1.7	0.05	0.025	2
1333271	14	0.34	128	0.028	0.5	0.72	0.007	0.05	0.7	0.02	1.9	0.05	0.025	2
1333272	18	0.42	223	0.017	2	0.84	0.007	0.04	4.7	0.05	2.1	0.05	0.08	3
1333273	20	0.39	207	0.019	1	0.87	0.007	0.06	0.6	0.05	2.5	0.05	0.025	3
1333274	15	0.36	171	0.018	2	0.76	0.007	0.04	0.5	0.05	1.8	0.05	0.06	2
1333275	14	0.36	185	0.018	3	0.69	0.008	0.04	0.8	0.03	1.7	0.05	0.08	2
1333276	19	0.39	190	0.025	1	0.85	0.008	0.07	0.7	0.04	2.3	0.05	0.06	3
1333277	18	0.43	156	0.034	1	0.81	0.009	0.07	1.2	0.02	2.4	0.1	0.025	3
1333278	17	0.39	143	0.026	1	0.81	0.008	0.06	0.6	0.02	2.2	0.1	0.025	3
1333278	17	0.37	147	0.026	1	0.76	0.008	0.06	0.6	0.03	2.3	0.1	0.025	3
1333279	18	0.4	269	0.024	1	0.89	0.008	0.05	0.5	0.03	2.3	0.05	0.07	3
1333280	16	0.41	159	0.022	1	0.81	0.008	0.04	0.5	0.02	2.1	0.05	0.05	2
1333281	18	0.36	160	0.025	0.5	0.71	0.007	0.04	1.8	0.04	2.1	0.05	0.025	2
1333282	14	0.35	287	0.023	1	0.68	0.006	0.04	0.5	0.02	1.5	0.05	0.025	2

sample_id	se_ppm	te_ppm	analysis_m	job_number	colour	texture	moisture	site_slope	depth	horizon
1339439	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	30	B
1339440	1	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1339441	1.5	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	40	B
1339442	1.6	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	40	B
1339443	1.5	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	40	B
1339444	1.7	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	60	B
1339445	1	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	60	B
1339446	1	0.1	1DX15	WHI13000377	Dark Brown	Silt	Damp	Subtle Slope	50	B
1339447	0.8	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1339448	1	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	40	B
1339449	0.7	0.1	1DX15	WHI13000377	Light Grey	Sand	Damp	Subtle Slope	40	B
1339450	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Silt	Damp	Subtle Slope	30	B
1339450	0.8	0.1	1DX15	WHI13000377	Chocolate Brown	Silt	Damp	Subtle Slope	30	B
1339450	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Silt	Damp	Subtle Slope	30	B
1339392	0.8	0.1	1DX15	WHI13000377	Chocolate Brown	Silt	Dry	Subtle Slope	40	B
1339391	1.1	0.1	1DX15	WHI13000377	Dark Brown	Sand	Dry	Subtle Slope	40	B
1339390	1.4	0.1	1DX15	WHI13000377	Dark Brown	Silt	Damp	Subtle Slope	30	B
1339389	0.6	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	30	B
1339393	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1339394	1	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Pronounced Slope	40	B
1339395	1.2	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	40	B
1339396	1.5	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	30	B
1339397	0.6	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1339398	1	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Dry	Subtle Slope	30	B
1339399	1	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	30	B
1339400	0.7	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	30	B
1339401	0.9	0.1	1DX15	WHI13000377	Chocolate Brown	Silt	Dry	Subtle Slope	30	B
1333270	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	40	B
1333271	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	80	C
1333272	1.3	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	70	B
1333273	0.6	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	60	B
1333274	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	60	B
1333275	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	60	B
1333276	0.6	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Dry	Subtle Slope	70	B
1333277	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Dry	Subtle Slope	60	B
1333278	0.7	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1333278	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1333279	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	70	B
1333280	0.5	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1333281	0.5	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1333282	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	70	C

sample_id	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of_id
1339439	White Spruce	Sphagnum Moss < 30cm	Good	Fine			
1339440	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Sample			
1339441	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Sample			
1339442	Dwarf Birch	Sphagnum Moss < 30cm	Good				
1339443	White Spruce	Sphagnum Moss < 30cm	Good	Possible Creek Contamination			
1339444	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%			
1339445	Willows	Sphagnum Moss < 30cm	Good	Partially Frozen	Organic 10%	meters east from gps point	
1339446	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Organic 10%	meters east from gps pts	
1339447	Dwarf Birch	Reindeer Moss	Good	Rocky			
1339448	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%			
1339449	White Spruce	Sphagnum Moss < 30cm	Good				
1339450	Birch Forest	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1339450	Birch Forest	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1339450	Birch Forest	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1339392	White Spruce	Sphagnum Moss < 30cm	Good	Fine			
1339391	White Spruce	Sphagnum Moss < 30cm	Good	Fine			
1339390	White Spruce	Sphagnum Moss < 30cm	Good				
1339389	White Spruce	Sphagnum Moss < 30cm	Good				
1339393	White Spruce	Sphagnum Moss < 30cm	Good				
1339394	Old Burn	Sphagnum Moss < 30cm	Good	Rocky Sample	Organic 10%		
1339395	Old Burn	Sphagnum Moss < 30cm	Good				
1339396	Old Burn	Reindeer Moss	Good	Organic 10%			
1339397	Old Burn	Sphagnum Moss < 30cm	Good	Organic 10%			
1339398	Old Burn	Sphagnum Moss < 30cm	Good				
1339399	White Spruce	Sphagnum Moss < 30cm	Good				
1339400	Old Burn	Sphagnum Moss < 30cm	Good				
1339401	Old Burn	Sphagnum Moss < 30cm	Good				
1333270	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Organic 25%	black organic duff in this area	
1333271	Black Spruce	Reindeer Moss	Good	Coarse			
1333272	Black Spruce	Reindeer Moss	Poor	Coarse	Organic 25%		
1333273	Black Spruce	Reindeer Moss	Good	Coarse			
1333274	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1333275	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			1333274
1333276	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips		
1333277	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%		
1333278	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips		
1333278	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips		
1333279	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips		
1333280	Black Spruce	Reindeer Moss	Good	Coarse		Partial C Horizon	
1333281	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips		
1333282	Black Spruce	Thin Moss Cover	Good	Coarse			

sample_id	project	sample	zone	easting	northing	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1333283	SHI	SOIL	8	468954	7090464	0.7	24.7	15.3	70	0.2	18.3	9.2	545
1333284	SHI	SOIL	8	468945	7090489	1.3	46.2	23.1	82	0.3	28.5	8.9	483
1333285	SHI	SOIL	8	468938	7090512	0.8	29.2	15.6	61	0.2	19.4	6.9	315
1333286	SHI	SOIL	8	468930	7090537	0.9	29.5	27.6	68	0.3	21.3	8.8	516
1333287	SHI	SOIL	8	468920	7090559	0.8	25.6	16.3	62	0.2	18.6	7.9	381
1333288	SHI	SOIL	8	468912	7090582	0.8	26.6	17.9	63	0.2	18.6	8.1	545
1333289	SHI	SOIL	8	468904	7090606	0.9	32.9	15.3	60	0.2	23.9	9.1	455
1333290	SHI	SOIL	8	468895	7090629	1.3	42.2	15.1	66	0.3	26	9.6	400
1333291	SHI	SOIL	8	468890	7090651	2	29.6	17.3	67	0.1	25.7	9.4	313
1333292	SHI	SOIL	8	468880	7090677	2.1	42.1	21.8	80	0.1	34.5	11.6	264
1333293	SHI	SOIL	8	468871	7090701	1.6	47.1	21.1	73	0.4	30.6	10.4	434
1333294	SHI	SOIL	8	468864	7090725	1.9	48.3	25.2	85	0.4	28.2	11.2	528
1333295	SHI	SOIL	8	468855	7090749	1.6	46.6	21.2	66	0.2	30.2	10.7	388
1333296	SHI	SOIL	8	468838	7090795	0.8	40.8	20.9	80	0.3	25.5	8.8	191
1333297	SHI	SOIL	8	468832	7090819	1.3	49.8	21.6	79	0.3	28.4	10.6	581
1333298	SHI	SOIL	8	468822	7090844	1	30.3	18.2	69	0.3	23.4	8.9	523
1333299	SHI	SOIL	8	469173	7091045	0.3	30.8	15.4	58	0.2	19.6	6.7	234
1333300	SHI	SOIL	8	469181	7091022	0.9	30.4	15.5	60	0.2	19.7	9.1	434
1333301	SHI	SOIL	8	469190	7090999	1.1	24.7	14.3	64	0.2	20.4	9.1	367
1333302	SHI	SOIL	8	469198	7090977	1.1	31.4	17.3	76	0.3	21.9	7.9	411
1333303	SHI	SOIL	8	469207	7090952	1.2	50.5	18.6	75	0.3	30.7	9.9	204
1333304	SHI	REP	8	469216	7090928	1.6	37.5	20.8	82	0.4	26.6	8.9	389
1333304	SHI	SOIL	8	469216	7090928	1.7	38	19.9	85	0.4	27.6	9.2	391
1339020	SHI	SOIL	8	468530	7090766	1.1	40.8	26.1	68	0.3	27	10.6	396
1339021	SHI	SOIL	8	468538	7090745	1.2	45.8	30.1	75	0.4	31.4	12	776
1339022	SHI	SOIL	8	468546	7090721	1.5	40.6	41.3	109	0.5	27.6	10.3	517
1339023	SHI	SOIL	8	468554	7090698	1.7	48.1	47.9	130	0.4	27.9	10.7	556
1339023	SHI	REP	8	468554	7090698	1.9	50.4	48.1	131	0.4	29.3	11.3	591
1339024	SHI	SOIL	8	468562	7090674	1.7	136.5	59	251	0.5	36.9	12.8	381
1339025	SHI	SOIL	8	468562	7090674	1.2	132.1	41	255	0.4	36.4	12.3	366
1339026	SHI	SOIL	8	468571	7090650	1.4	23.8	57.1	233	0.4	20	8.5	547
1339027	SHI	SOIL	8	468579	7090626	1.2	70.8	48.1	227	0.9	26.9	9.9	512
1339028	SHI	SOIL	8	468588	7090603	1.1	40.9	24.4	150	0.4	21.6	7.6	825
1339029	SHI	SOIL	8	468596	7090579	0.7	59	30.1	192	0.4	26.6	8.1	316
1339030	SHI	SOIL	8	468604	7090556	1.6	52.5	26.9	118	0.5	28.5	10.5	398
1339031	SHI	SOIL	8	468612	7090533	1.7	44.8	29.3	113	0.5	32.1	11.1	589
1339032	SHI	SOIL	8	468620	7090509	1.5	41.1	26.8	81	0.3	26.2	10.6	757
1339033	SHI	SOIL	8	468646	7090438	0.8	36.7	16.7	81	0.2	20.2	8.4	413
1339034	SHI	SOIL	8	468653	7090414	0.9	28.6	19.2	76	0.2	16.8	8	468
1339035	SHI	SOIL	8	468662	7090391	0.6	29.9	16.7	59	0.2	16.5	6.8	360
1339036	SHI	SOIL	8	468670	7090366	0.7	32	20.4	67	0.3	20.5	8.8	493

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1333283	2.19	28.1	2.6	7.8	4.6	37	0.2	0.6	0.2	32	0.96	0.06	16
1333284	2.46	87.5	1.2	9.5	4.2	29	0.4	1.6	0.2	25	1.07	0.075	15
1333285	1.74	27.4	2	2.9	1.9	45	0.3	0.7	0.2	25	1.2	0.046	11
1333286	2	32.9	1.9	45.8	2.4	40	0.4	2.7	0.2	25	1.03	0.054	12
1333287	1.94	35.8	1.6	6.4	2.6	34	0.3	0.8	0.2	28	0.92	0.056	13
1333288	1.76	27.9	1.8	7.4	2.4	40	0.4	0.7	0.2	23	1.14	0.052	13
1333289	2.18	23.4	0.7	27.4	2.5	24	0.3	0.8	0.2	32	0.63	0.049	13
1333290	2.25	31.3	0.7	27.5	4.6	30	0.2	1.2	0.2	32	1.04	0.085	15
1333291	2.55	43.3	0.4	7	4.3	10	0.3	1.3	0.2	35	0.13	0.03	13
1333292	3.02	71.4	0.6	9.3	5.5	9	0.1	1.7	0.2	36	0.12	0.036	14
1333293	2.65	50.4	1.2	8.9	6.7	28	0.2	1.5	0.2	32	0.82	0.062	19
1333294	2.68	46.8	1.6	7.5	7.1	62	0.7	1.6	0.2	29	2.32	0.068	15
1333295	2.95	41.2	1.1	32.6	7.8	10	0.2	1.5	0.2	36	0.14	0.028	23
1333296	2.09	24.7	2.7	6.7	3.4	37	0.5	1	0.2	31	0.88	0.063	14
1333297	2.64	29.4	1.1	3.6	4.1	25	0.4	1	0.2	36	0.65	0.07	17
1333298	2.38	25.3	2.2	4.3	2.4	37	0.3	0.7	0.2	35	0.93	0.056	14
1333299	1.59	9.9	1.1	4.6	3.1	40	0.4	0.5	0.2	35	0.87	0.069	13
1333300	2.3	27.1	1.8	17.1	2.1	40	0.3	0.6	0.2	31	1.03	0.068	11
1333301	2.41	20.4	1.3	3.3	2.9	30	0.3	0.6	0.2	36	0.77	0.065	14
1333302	2.44	39.7	1.4	9.2	4.7	31	0.3	1	0.2	29	0.77	0.077	15
1333303	2.03	27.4	1.3	7.7	3.8	30	0.5	1.1	0.2	35	0.71	0.079	15
1333304	2.34	47.9	1.1	10.2	5.9	21	0.6	1.4	0.2	24	0.42	0.081	15
1333304	2.38	48.7	0.8	14.2	5.8	19	0.5	1.5	0.3	23	0.43	0.079	15
1339020	2.42	29.2	1.9	3.9	4.2	25	0.2	1	0.2	33	0.56	0.067	16
1339021	2.67	41.1	2.3	7.1	4.1	32	0.5	1.3	0.3	29	0.73	0.046	15
1339022	2.72	52.1	1.8	9.3	4.1	34	0.8	3.7	0.3	33	0.79	0.073	14
1339023	2.79	56.7	1	30.7	5	18	0.6	1.6	0.2	32	0.38	0.046	18
1339023	2.95	57.5	1	9.4	5.1	17	0.6	1.6	0.2	32	0.38	0.048	17
1339024	3.52	41.4	0.9	28	6.7	19	0.7	1.9	0.2	41	0.52	0.054	19
1339025	3.17	30	1	21.8	6.5	18	0.8	2.1	0.1	36	0.47	0.067	16
1339026	2.48	43.9	0.9	6.8	4.7	18	0.7	0.9	0.2	28	0.35	0.031	13
1339027	2.51	51	1.7	188.7	3.7	34	1.3	1.1	0.3	31	1	0.057	15
1339028	1.93	30.1	1.6	7.3	2.3	41	1.5	0.9	0.1	22	1.06	0.063	12
1339029	2.23	33.4	1.9	4.7	3	41	1.4	1	0.2	26	1.04	0.062	13
1339030	2.52	49.4	1.1	15.7	5.1	26	0.7	1.5	0.2	31	0.68	0.078	16
1339031	2.65	54.5	1.1	10.5	4.8	28	0.8	1.7	0.2	31	0.76	0.083	16
1339032	2.59	51.9	1.7	7.8	3.3	25	0.5	1.1	0.2	30	0.65	0.051	14
1339033	1.79	24	1.2	3.3	2.2	36	0.6	1.3	0.1	21	1.13	0.044	11
1339034	1.93	28	1.8	4.4	2.6	33	0.2	0.7	0.2	26	0.91	0.039	12
1339035	1.7	26.8	2.3	6.7	2	37	0.4	0.6	0.2	23	1.03	0.048	11
1339036	1.94	29.4	2.3	7.7	2.1	40	0.3	0.7	0.2	27	1.1	0.049	12

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm
1333283	29	0.51	156	0.04	2	0.97	0.008	0.08	0.8	0.03	2.7	0.1	0.025	3
1333284	17	0.66	161	0.022	3	0.81	0.007	0.06	0.6	0.02	2.2	0.1	0.025	2
1333285	15	0.37	188	0.018	3	0.78	0.007	0.03	0.5	0.04	1.8	0.05	0.025	2
1333286	17	0.39	177	0.02	2	0.78	0.007	0.04	0.4	0.04	2	0.05	0.025	2
1333287	16	0.36	152	0.02	2	0.75	0.007	0.04	2	0.03	2	0.05	0.025	2
1333288	15	0.37	159	0.019	3	0.73	0.007	0.04	1	0.03	1.8	0.05	0.025	2
1333289	19	0.38	308	0.017	2	0.89	0.007	0.03	0.5	0.02	2.4	0.05	0.025	3
1333290	17	0.65	146	0.025	2	0.78	0.009	0.04	0.6	0.05	2.8	0.05	0.025	2
1333291	22	0.4	190	0.014	2	1.25	0.004	0.06	0.4	0.01	2.1	0.05	0.025	3
1333292	24	0.39	218	0.013	0.5	1.5	0.004	0.05	0.5	0.02	2.4	0.1	0.025	4
1333293	20	0.53	181	0.03	0.5	0.98	0.011	0.06	0.6	0.06	3.6	0.05	0.025	3
1333294	20	0.64	192	0.029	2	1.06	0.011	0.1	0.3	0.04	3.1	0.2	0.025	3
1333295	25	0.42	204	0.02	2	1.39	0.005	0.04	0.4	0.04	3.9	0.1	0.025	3
1333296	20	0.41	221	0.022	2	0.97	0.007	0.05	0.2	0.04	2.7	0.05	0.025	3
1333297	24	0.44	213	0.031	2	1.02	0.008	0.06	0.6	0.05	3.4	0.05	0.025	3
1333298	22	0.44	223	0.02	2	1.09	0.007	0.04	0.2	0.05	2.7	0.05	0.025	3
1333299	21	0.4	313	0.019	2	0.97	0.007	0.04	0.2	0.05	3.1	0.05	0.08	3
1333300	19	0.41	215	0.019	4	0.9	0.006	0.04	0.2	0.06	2.5	0.05	0.025	3
1333301	22	0.41	210	0.024	0.5	1.06	0.006	0.05	0.3	0.05	3	0.05	0.025	3
1333302	17	0.53	150	0.048	2	0.99	0.009	0.07	0.5	0.03	2.6	0.1	0.025	4
1333303	22	0.44	304	0.03	2	1.05	0.007	0.05	0.3	0.06	3.4	0.05	0.025	3
1333304	15	0.37	162	0.026	4	0.71	0.007	0.05	0.7	0.03	2.4	0.1	0.025	2
1333304	15	0.37	169	0.026	3	0.7	0.008	0.05	0.7	0.05	2.4	0.1	0.025	2
1339020	23	0.43	214	0.018	0.5	1.12	0.007	0.05	0.2	0.04	3.1	0.05	0.025	3
1339021	20	0.43	217	0.015	0.5	0.98	0.006	0.04	0.2	0.03	2.9	0.1	0.025	3
1339022	22	0.52	209	0.029	1	1.13	0.008	0.08	0.2	0.04	2.9	0.1	0.025	4
1339023	21	0.42	174	0.018	0.5	1.04	0.007	0.06	0.4	0.04	3	0.1	0.025	3
1339023	22	0.41	173	0.018	0.5	1.06	0.007	0.06	0.5	0.04	3	0.05	0.025	3
1339024	40	0.63	226	0.048	0.5	1.55	0.005	0.04	0.2	0.03	3.8	0.05	0.025	4
1339025	37	0.61	175	0.05	0.5	1.5	0.004	0.05	0.2	0.02	3.3	0.05	0.025	4
1339026	18	0.38	197	0.019	1	0.99	0.006	0.04	0.8	0.02	2.2	0.1	0.025	3
1339027	20	0.43	234	0.024	0.5	0.98	0.008	0.05	1	0.04	3.2	0.1	0.06	3
1339028	16	0.35	186	0.018	3	0.71	0.007	0.05	1.6	0.04	2	0.05	0.025	2
1339029	19	0.41	195	0.024	2	0.89	0.006	0.05	0.4	0.06	2.7	0.05	0.025	3
1339030	22	0.49	175	0.027	0.5	0.99	0.008	0.07	0.5	0.04	3.1	0.1	0.025	3
1339031	22	0.5	209	0.022	0.5	0.99	0.007	0.07	0.3	0.02	2.7	0.1	0.025	3
1339032	21	0.4	233	0.018	0.5	0.99	0.007	0.05	0.5	0.03	2.8	0.05	0.025	3
1339033	16	0.38	140	0.015	1	0.77	0.006	0.05	0.4	0.02	2	0.05	0.025	2
1339034	17	0.38	161	0.016	0.5	0.87	0.006	0.05	0.2	0.02	2	0.05	0.025	3
1339035	15	0.36	150	0.013	0.5	0.79	0.005	0.04	0.5	0.02	1.8	0.05	0.06	2
1339036	18	0.37	189	0.014	0.5	0.91	0.006	0.05	0.3	0.02	2.2	0.05	0.025	3

sample_id	se_ppm	te_ppm	analysis_m	job_number	colour	texture	moisture	site_slope	depth	horizon
1333283	0.25	0.1	1DX15	WHI13000376	Dark Brown	Sand	Dry	Subtle Slope	50	B
1333284	0.8	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	60	C
1333285	0.7	0.1	1DX15	WHI13000376	Dark Brown	Clay	Dry	Subtle Slope	60	B
1333286	0.25	0.1	1DX15	WHI13000376	Dark Brown	Sand	Dry	Subtle Slope	70	C
1333287	0.6	0.1	1DX15	WHI13000376	Dark Brown	Clay	Damp	Subtle Slope	60	B
1333288	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Dry	Subtle Slope	60	B
1333289	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	80	C
1333290	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	80	C
1333291	0.25	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	40	B
1333292	0.7	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	50	B
1333293	0.7	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	80	C
1333294	0.6	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	90	C
1333295	0.6	0.1	1DX15	WHI13000376	Light Brown	Sand	Dry	Subtle Slope	60	C
1333296	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	50	B
1333297	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	90	C
1333298	0.9	0.1	1DX15	WHI13000376	Grey	Clay	Damp	Subtle Slope	70	B
1333299	1.2	0.1	1DX15	WHI13000376	Grey	Clay	Dry	Subtle Slope	60	B
1333300	1	0.1	1DX15	WHI13000376	Dark Brown	Clay	Dry	Subtle Slope	60	B
1333301	1	0.1	1DX15	WHI13000376	Dark Brown	Clay	Dry	Subtle Slope	80	B
1333302	0.8	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Dry	Subtle Slope	50	C
1333303	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	40	C
1333304	0.9	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	70	C
1333304	0.6	0.1	1DX15	WHI13000376	Grey	Sand	Dry	Subtle Slope	70	C
1339020	0.5	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Damp	Subtle Slope	60	B
1339021	0.9	0.1	1DX15	WHI13000376	Grey	Clay	Damp	Subtle Slope	40	B
1339022	0.7	0.1	1DX15	WHI13000376	Chocolate Brown	Gravel	Damp	Subtle Slope	60	B
1339023	0.7	0.1	1DX15	WHI13000376	Chocolate Brown	Gravel	Damp	Subtle Slope	60	B
1339023	0.7	0.1	1DX15	WHI13000376	Chocolate Brown	Gravel	Damp	Subtle Slope	60	B
1339024	0.5	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	80	B
1339025	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	80	B
1339026	0.6	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Dry	Subtle Slope	50	B
1339027	0.9	0.1	1DX15	WHI13000376	Dark Grey Black	Gravel	Damp	Subtle Slope	60	B
1339028	1	0.1	1DX15	WHI13000376	Dark Grey Black	Gravel	Damp	Subtle Slope	60	B
1339029	0.8	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	70	B
1339030	1	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1339031	0.9	0.1	1DX15	WHI13000376	Grey	Clay	Damp	Subtle Slope	40	B
1339032	0.8	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	60	B
1339033	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	50	B
1339034	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Pronounced Slope	50	B
1339035	0.6	0.1	1DX15	WHI13000376	Dark Grey Black	Silt	Damp	Subtle Slope	50	B
1339036	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Silt	Damp	Subtle Slope	50	B

sample_id	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of_id
1333283	Black Spruce	Reindeer Moss	Good	Coarse			
1333284	Black Spruce	Thin Moss Cover	Excellent	Coarse			
1333285	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1333286	White Spruce	Thin Moss Cover	Good	Coarse		Partial C Horizon	
1333287	White Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1333288	White Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1333289	White Spruce	Sphagnum Moss < 30cm	Good	Coarse		greyish brown	
1333290	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips	greyish brown	
1333291	White Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1333292	White Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1333293	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse			
1333294	White Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1333295	White Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1333296	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen		
1333297	Black Spruce	Reindeer Moss	Excellent	Coarse			
1333298	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse			
1333299	Old Burn	Burnt Moss	Good	Coarse			
1333300	Old Burn	Burnt Moss	Good	Coarse			
1333301	Old Burn	Burnt Moss	Good	Coarse			
1333302	Old Burn	Burnt Moss	Excellent	Coarse			
1333303	Old Burn	Burnt Moss	Good	Coarse			
1333304	Old Burn	Burnt Moss	Excellent	Coarse			
1333304	Old Burn	Burnt Moss	Excellent	Coarse			
1339020	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339021	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339022	Old Burn	Burnt Moss	Good	Bright Orange Rust	Clay		
1339023	White Spruce	Reindeer Moss	Good	Fine	Clay		
1339023	White Spruce	Reindeer Moss	Good	Fine	Clay		
1339024	White Spruce	Reindeer Moss	Good	Bright Orange Rust	Quartz Chips		
1339025	White Spruce	Reindeer Moss	Good	Bright Orange Rust	Quartz Chips		1339024
1339026	White Spruce	Reindeer Moss	Good	Bright Orange Rust	Quartz Chips		
1339027	White Spruce	Reindeer Moss	Poor	Clay	Organic 10%		
1339028	Black Spruce	Reindeer Moss	Good	Bright Orange Rust	Organic 10%		
1339029	Black Spruce	Reindeer Moss	Poor	Organic 10%	Quartz Chips	ganic layer beneath clay	
1339030	Black Spruce	Reindeer Moss	Good	Clay	Quartz Chips		
1339031	Black Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Quartz Chips		
1339032	Black Spruce	Reindeer Moss	Good	Bright Orange Rust			
1339033	Black Spruce	Reindeer Moss	Poor	Small Sample	Quartz Chips		
1339034	White Spruce	Sphagnum Moss < 30cm	Poor	Bright Orange Rust	Quartz Chips		
1339035	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Quartz Chips		
1339036	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Dull Red Rust		

sample_id	project	sample	zone	easting	northing	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1339037	SHI	SOIL	8	468679	7090343	2.4	51.1	17	79	0.4	23.8	7.9	582
1339038	SHI	SOIL	8	468688	7090319	2.3	41.3	13.9	65	0.1	20.1	8.7	523
1339039	SHI	SOIL	8	468696	7090296	1.9	57.2	18.1	62	0.3	21.7	9.4	613
1339040	SHI	SOIL	8	468704	7090273	2.5	46.7	21.4	72	0.3	23.2	10.4	728
1339041	SHI	SOIL	8	468712	7090248	1	111.2	17.4	52	0.3	33.2	9	526
1339042	SHI	SOIL	8	468721	7090224	1.4	68.2	13.9	49	0.3	27.8	8.8	516
1339043	SHI	SOIL	8	468728	7090202	1.3	38.1	14.6	58	0.2	22	9	405
1339044	SHI	SOIL	8	468737	7090179	1.5	53.6	18.7	56	0.3	25.1	8.6	470
1339045	SHI	SOIL	8	468745	7090155	1.5	37.6	19	76	0.4	24.7	9	371
1339046	SHI	SOIL	8	468754	7090131	1.2	47.3	16.1	71	0.3	26.1	7.6	293
1339047	SHI	SOIL	8	468762	7090108	0.9	34.9	14	55	0.3	22.9	8	263
1339048	SHI	SOIL	8	468771	7090083	2.1	52.3	15	78	0.3	26	17.4	760
1339049	SHI	SOIL	8	468778	7090060	2.6	62.2	14.5	71	0.2	27.3	11.4	479
1339050	SHI	SOIL	8	469155	7090192	1.2	38.3	12	57	0.2	18.1	7.9	428
1339051	SHI	SOIL	8	469148	7090215	2	52.4	9.2	58	0.05	21.3	11.6	269
1339052	SHI	SOIL	8	469140	7090238	2.1	31.8	15.1	71	0.5	29.7	11	588
1339053	SHI	SOIL	8	469131	7090262	1	46.7	15.1	59	0.4	25	7.7	358
1339054	SHI	SOIL	8	469123	7090286	1.3	75.3	18.7	62	0.5	31.4	9.3	424
1339055	SHI	SOIL	8	469114	7090310	1	41.6	15.5	56	0.3	22.5	8	561
1339056	SHI	SOIL	8	469107	7090332	0.7	65	16.3	45	0.3	25.4	7.9	461
1339056	SHI	REP	8	469107	7090332	0.6	66.4	16.2	45	0.3	25.6	7.9	447
1339057	SHI	SOIL	8	469098	7090357	1.1	44.4	17.7	63	0.3	25.2	8.8	369
1334901	SHI	SOIL	8	469188	7090413	1	35.4	15.4	64	0.3	22.4	7.8	424
1334902	SHI	SOIL	8	469181	7090436	0.7	23.1	9.7	50	0.2	15.2	6.4	320
1334903	SHI	SOIL	8	469172	7090461	1.1	23.6	15	57	0.2	18.7	9	416
1334904	SHI	SOIL	8	469163	7090484	1	47	13.9	54	0.2	20.3	7	134
1334905	SHI	SOIL	8	469155	7090507	0.8	79	13.1	53	0.3	27.3	8.8	547
1334905	SHI	REP	8	469155	7090507	1.2	79.1	13	50	0.3	27.3	8.8	574
1334906	SHI	SOIL	8	469145	7090534	1	34.8	11.1	46	0.3	24.9	8	372
1334907	SHI	SOIL	8	469138	7090556	0.7	25.7	12.6	56	0.2	23.4	8.4	366
1334908	SHI	SOIL	8	469128	7090580	0.8	33.2	11.5	53	0.2	26.7	9.6	495
1334909	SHI	SOIL	8	469121	7090602	1.1	16.3	12.2	47	0.1	16.8	7.3	231
1334910	SHI	SOIL	8	469113	7090627	0.9	30.6	13.5	64	0.2	26.5	8.6	374
1334911	SHI	SOIL	8	469105	7090648	1.4	22.3	17.7	59	0.1	23	8.7	207
1334912	SHI	SOIL	8	469096	7090674	1	51.7	14.6	67	0.2	24.1	8.8	353
1334913	SHI	SOIL	8	469086	7090697	1.2	61.8	15.5	71	0.3	24.8	9.1	517
1334914	SHI	SOIL	8	469079	7090719	0.7	24.6	12.4	65	0.2	17.1	7.8	418
1334915	SHI	SOIL	8	469070	7090744	1	44.4	16.8	70	0.3	25.8	9.9	522
1334916	SHI	SOIL	8	469061	7090768	0.9	54	16.2	77	0.3	26.4	10.6	527
1334917	SHI	SOIL	8	469054	7090791	1.1	46.5	15.9	71	0.4	22.4	8.6	347
1334918	SHI	SOIL	8	469044	7090814	0.6	24	11.5	56	0.2	17.7	7.9	398

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1339037	2.03	25.1	1.9	12.6	1.7	45	0.4	1	0.2	22	1.25	0.062	12
1339038	1.84	23.5	1.3	4.2	3.5	27	0.3	0.8	0.2	21	0.67	0.052	14
1339039	1.96	28	3.2	5.5	2.4	43	0.3	1.1	0.2	25	1.21	0.055	12
1339040	2.17	47.2	1.5	4.1	2.5	36	0.4	1.2	0.2	25	1.03	0.049	12
1339041	2.06	25.2	5.1	6.5	1.6	45	0.3	1.2	0.2	28	1.46	0.062	12
1339042	2	41.8	4.6	7.2	1.5	47	0.3	0.9	0.2	29	1.58	0.057	12
1339043	2.34	41.8	2	7.1	2.5	22	0.2	0.6	0.2	38	0.65	0.039	13
1339044	2.38	47.1	3.6	4	2.6	35	0.4	1.1	0.2	30	1.24	0.044	14
1339045	2.36	44.3	1.1	7.5	3.9	23	0.5	1.1	0.2	28	0.69	0.077	14
1339046	2	24.9	2.2	6.9	2.8	31	0.5	0.9	0.2	28	0.98	0.07	13
1339047	1.85	18.6	3.8	4.4	1.9	40	0.5	0.8	0.2	27	1.36	0.063	10
1339048	2.83	619.9	1.6	62.8	2.7	33	0.4	1.4	0.3	26	0.98	0.07	10
1339049	2.42	37.1	1.8	14.2	3.3	29	0.4	0.7	0.2	30	0.92	0.096	14
1339050	1.82	30.4	1.4	13.5	2.1	32	0.4	0.7	0.1	23	1.02	0.059	12
1339051	2.19	19.2	0.6	1.6	1.2	31	1	0.8	0.1	36	1.07	0.041	6
1339052	2.73	36.6	1.9	4.7	3.5	25	0.5	1.1	0.2	24	0.78	0.097	20
1339053	2.04	137.5	3.2	7.3	1.3	51	0.5	1.2	0.2	25	1.79	0.056	10
1339054	2.36	41.7	3.4	5.5	1.7	38	0.5	1.3	0.2	26	1.25	0.056	12
1339055	1.9	33.2	2.2	18.3	1.5	38	0.5	1.1	0.2	22	1.33	0.055	10
1339056	1.88	36	3.6	9.2	0.9	57	0.4	1.2	0.4	21	2.15	0.058	10
1339056	1.85	36.6	3.8	6.9	0.9	60	0.4	1.3	0.3	21	2.05	0.059	10
1339057	2.56	37.8	2	5.5	3.1	19	0.2	0.9	0.2	37	0.5	0.029	15
1334901	2.11	33.8	2.1	4.1	1.4	55	0.4	1.2	0.2	27	1.47	0.056	11
1334902	1.37	16.4	1.7	5	0.9	71	0.4	0.6	0.2	24	1.89	0.053	9
1334903	2.2	27.2	1.5	3.2	1.7	45	0.3	0.6	0.2	31	1.13	0.039	10
1334904	1.97	18.2	3	4.2	2.7	47	0.3	1	0.2	31	1.05	0.078	12
1334905	2.04	27.1	2.8	4.1	2	53	0.4	1.1	0.2	27	1.37	0.059	12
1334905	2.01	27.2	2.8	9.9	2	55	0.4	1.1	0.2	27	1.41	0.059	12
1334906	1.97	16.7	2.1	3.4	1.5	51	0.2	0.8	0.2	27	1.22	0.051	10
1334907	2.18	14.9	0.9	4	2.2	38	0.3	0.8	0.2	33	1.02	0.058	11
1334908	2.19	14	1.4	2.3	1.8	55	0.3	0.9	0.2	33	1.34	0.079	12
1334909	2.13	26.6	1.2	2.1	2.7	32	0.1	0.6	0.2	38	0.63	0.032	11
1334910	2.34	46.2	0.7	3.3	3.3	24	0.05	1	0.2	35	0.39	0.054	14
1334911	2.7	50.3	0.5	3.8	4.3	14	0.3	1	0.2	43	0.23	0.017	11
1334912	2.04	16.5	2.2	3.8	2.4	54	0.4	1	0.2	31	1.34	0.066	13
1334913	2.39	23.7	1.4	3	2.2	38	0.2	0.8	0.2	34	0.84	0.056	15
1334914	2.02	17	0.9	4.2	2.1	34	0.4	0.6	0.2	32	0.74	0.038	11
1334915	2.14	29.3	1.4	5.3	2.6	43	0.4	1	0.2	29	0.89	0.078	13
1334916	2.28	30.8	2.1	10.4	3	44	0.6	1.1	0.2	29	0.96	0.07	17
1334917	2.01	33.5	2.4	5.1	2.5	45	0.5	1.2	0.2	24	0.99	0.083	18
1334918	1.82	10.9	2.4	2.4	1.6	51	0.3	0.6	0.2	35	1.1	0.058	12

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm
1339037	17	0.39	245	0.012	0.5	0.77	0.005	0.03	0.3	0.03	1.6	0.05	0.07	3
1339038	15	0.37	233	0.015	0.5	0.72	0.005	0.04	0.3	0.01	1.7	0.05	0.025	3
1339039	17	0.4	310	0.014	0.5	0.85	0.005	0.05	0.3	0.02	2	0.05	0.05	3
1339040	18	0.4	369	0.014	0.5	0.84	0.006	0.04	0.3	0.02	1.8	0.05	0.025	3
1339041	19	0.41	520	0.012	0.5	1	0.006	0.04	0.2	0.06	2.2	0.05	0.07	3
1339042	19	0.39	340	0.014	0.5	0.94	0.006	0.04	0.4	0.05	2.4	0.05	0.08	3
1339043	22	0.4	284	0.018	0.5	1.09	0.007	0.04	0.2	0.04	2.8	0.05	0.025	3
1339044	19	0.41	262	0.021	3	0.94	0.007	0.05	0.5	0.04	2.8	0.1	0.025	3
1339045	20	0.41	203	0.027	2	0.83	0.008	0.06	0.7	0.04	2.8	0.1	0.025	3
1339046	19	0.4	230	0.02	1	0.89	0.008	0.06	0.6	0.06	3	0.05	0.06	3
1339047	18	0.38	282	0.016	0.5	0.84	0.007	0.04	0.2	0.05	2.5	0.05	0.09	3
1339048	19	0.45	222	0.014	3	0.81	0.007	0.04	0.7	0.04	3.4	0.05	0.06	3
1339049	22	0.57	206	0.017	2	1	0.007	0.05	0.6	0.05	2.7	0.05	0.025	3
1339050	16	0.4	167	0.015	3	0.78	0.006	0.03	0.7	0.03	1.7	0.05	0.07	2
1339051	22	0.41	157	0.011	1	0.82	0.004	0.06	0.3	0.05	2.5	0.05	0.08	3
1339052	21	0.25	191	0.007	0.5	0.88	0.005	0.03	0.1	0.02	2.4	0.05	0.025	2
1339053	18	0.38	293	0.01	0.5	0.89	0.005	0.04	0.2	0.04	2.1	0.05	0.07	3
1339054	20	0.37	265	0.013	0.5	0.84	0.006	0.05	0.4	0.07	2.4	0.05	0.05	3
1339055	15	0.34	226	0.014	1	0.73	0.006	0.04	0.5	0.04	1.8	0.05	0.06	2
1339056	16	0.38	305	0.011	5	0.77	0.006	0.03	0.4	0.04	1.6	0.05	0.07	2
1339056	15	0.37	317	0.01	4	0.76	0.006	0.03	0.3	0.05	1.5	0.05	0.05	2
1339057	22	0.42	211	0.02	0.5	1.13	0.008	0.05	0.5	0.02	3.3	0.05	0.025	3
1334901	18	0.41	264	0.016	1	0.92	0.007	0.05	0.3	0.05	2.1	0.05	0.025	3
1334902	13	0.36	223	0.017	2	0.72	0.007	0.03	0.2	0.05	1.7	0.05	0.08	2
1334903	19	0.39	212	0.019	1	1	0.006	0.04	0.1	0.04	2.2	0.05	0.025	3
1334904	18	0.41	237	0.024	0.5	0.98	0.007	0.03	0.3	0.07	3	0.05	0.08	3
1334905	17	0.41	255	0.019	0.5	0.89	0.008	0.03	0.3	0.06	2.8	0.05	0.05	3
1334905	17	0.42	261	0.018	0.5	0.89	0.007	0.04	0.2	0.06	2.9	0.05	0.025	3
1334906	17	0.35	288	0.013	1	0.9	0.007	0.02	0.1	0.05	2.2	0.05	0.025	3
1334907	19	0.44	403	0.015	0.5	1.08	0.008	0.03	0.1	0.03	2.7	0.05	0.025	3
1334908	20	0.42	416	0.016	0.5	1.02	0.007	0.03	0.2	0.06	2.9	0.05	0.025	3
1334909	21	0.38	276	0.018	0.5	1.21	0.007	0.03	0.3	0.03	2.7	0.05	0.025	4
1334910	20	0.41	323	0.02	0.5	1.02	0.008	0.04	0.2	0.05	3.3	0.05	0.025	3
1334911	25	0.37	313	0.012	2	1.53	0.004	0.04	0.3	0.02	3.1	0.05	0.025	4
1334912	19	0.42	334	0.02	2	0.98	0.007	0.04	0.1	0.07	3.1	0.05	0.08	3
1334913	22	0.43	317	0.016	0.5	1.17	0.007	0.04	0.2	0.07	3.1	0.05	0.025	3
1334914	18	0.37	251	0.021	1	0.95	0.008	0.03	0.3	0.03	2.3	0.05	0.025	3
1334915	18	0.4	272	0.021	2	0.98	0.007	0.04	0.3	0.07	3	0.05	0.025	3
1334916	19	0.45	252	0.03	0.5	1.03	0.009	0.06	0.2	0.07	3.3	0.1	0.025	3
1334917	15	0.39	190	0.025	2	0.83	0.007	0.05	0.5	0.06	2.7	0.05	0.025	2
1334918	19	0.37	255	0.017	0.5	1.11	0.007	0.04	0.2	0.05	2.6	0.05	0.025	3

sample_id	se_ppm	te_ppm	analysis_m	job_number	colour	texture	moisture	site_slope	depth	horizon
1339037	1.3	0.1	1DX15	WHI13000376	Dark Grey Black	Silt	Damp	Pronounced Slope	40	A
1339038	0.25	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	60	B
1339039	0.9	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Pronounced Slope	50	B
1339040	0.7	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	50	B
1339041	1.7	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	50	B
1339042	1.1	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	40	B
1339043	0.7	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1339044	1	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Damp	Subtle Slope	50	B
1339045	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Damp	Subtle Slope	50	B
1339046	0.7	0.1	1DX15	WHI13000376	Grey	Clay	Damp	Subtle Slope	50	B
1339047	1.1	0.1	1DX15	WHI13000376	Dark Blue Black	Clay	Damp	Subtle Slope	40	B
1339048	0.9	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	50	B
1339049	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Gravel	Damp	Subtle Slope	60	B
1339050	0.25	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	50	B
1339051	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Clay	Dry	Subtle Slope	60	B
1339052	1.2	0.1	1DX15	WHI13000376	Grey	Sand	Damp	Subtle Slope	70	B
1339053	1.4	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	50	B
1339054	1.3	0.1	1DX15	WHI13000376	Dark Grey Black	Clay	Damp	Subtle Slope	50	B
1339055	0.8	0.1	1DX15	WHI13000376	Dark Blue Black	Sand	Damp	Subtle Slope	60	B
1339056	1.5	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	60	B
1339056	1.4	0.1	1DX15	WHI13000376	Dark Grey Black	Sand	Damp	Subtle Slope	60	B
1339057	0.25	0.1	1DX15	WHI13000376	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1334901	0.6	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	30	B
1334902	0.8	0.1	1DX15	WHI13000377	Dark Brown	Silt	Damp	Subtle Slope	20	B
1334903	0.7	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334904	1.3	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	20	B
1334905	1.3	0.1	1DX15	WHI13000377	Dark Brown	Sand	Damp	Subtle Slope	40	B
1334905	0.9	0.1	1DX15	WHI13000377	Dark Brown	Sand	Damp	Subtle Slope	40	B
1334906	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	20	B
1334907	0.25	0.1	1DX15	WHI13000377	Dark Brown	Silt	Damp	Subtle Slope	30	B
1334908	0.8	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	40	B
1334909	0.8	0.1	1DX15	WHI13000377	Chocolate Brown	Silt	Damp	Subtle Slope	20	B
1334910	0.25	0.1	1DX15	WHI13000377	Dark Brown	Sand	Damp	Subtle Slope	30	B
1334911	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Dry	Subtle Slope	20	B
1334912	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	30	B
1334913	0.9	0.1	1DX15	WHI13000377	Dark Blue Black	Sand	Damp	Subtle Slope	30	B
1334914	0.8	0.1	1DX15	WHI13000377	Dark Brown	Sand	Damp	Subtle Slope	30	B
1334915	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Pronounced Slope	30	B
1334916	0.6	0.1	1DX15	WHI13000377	Dark Brown	Silt	Damp	Subtle Slope	30	B
1334917	0.9	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Subtle Slope	30	B
1334918	0.9	0.1	1DX15	WHI13000377	Dark Brown	Silt	Damp	Subtle Slope	30	B

sample_id	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of_id
1339037	White Spruce	Sphagnum Moss < 30cm	Poor	Sandy	Small Sample		
1339038	White Spruce	Sphagnum Moss < 30cm	Poor	Quartz Chips	Organic 10%		
1339039	White Spruce	Sphagnum Moss < 30cm	Poor	Bright Orange Rust	Organic 10%		
1339040	White Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Organic 10%		
1339041	Black Spruce	Reindeer Moss	Poor	Partially Frozen	Organic 10%		
1339042	White Spruce	Sphagnum Moss < 30cm	Poor	Clay	Dull Red Rust		
1339043	White Spruce	Reindeer Moss	Good	Clay			
1339044	Black Spruce	Reindeer Moss	Good	Organic 10%			
1339045	Black Spruce	Reindeer Moss	Good				
1339046	Black Spruce	Reindeer Moss	Good				
1339047	Black Spruce	Reindeer Moss	Good	Quartz Chips			
1339048	White Spruce	Sphagnum Moss < 30cm	Poor	Dull Red Rust	Small Sample		
1339049	White Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips			
1339050	Old Burn	Burnt Moss	Good	Bright Orange Rust	Small Sample		
1339051	Old Burn	Thin Moss Cover	Poor	Loess			
1339052	Old Burn	Burnt Moss	Good	Bright Orange Rust	Quartz Chips		
1339053	Old Burn	Burnt Moss	Poor	Organic 25%			
1339054	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339055	Old Burn	Burnt Moss	Poor	Bright Orange Rust	Organic 10%		
1339056	Old Burn	Thin Moss Cover	Poor	Organic 10%			
1339056	Old Burn	Thin Moss Cover	Poor	Organic 10%			
1339057	Old Burn	Burnt Moss	Good	Clay			
1334901	Old Burn	Sphagnum Moss < 30cm	Good				
1334902	Old Burn	Sphagnum Moss < 30cm	Good				
1334903	Old Burn	Sphagnum Moss < 30cm	Good				
1334904	Old Burn	Sphagnum Moss < 30cm	Good				
1334905	Old Burn	Sphagnum Moss < 30cm	Good				
1334905	Old Burn	Sphagnum Moss < 30cm	Good				
1334906	Old Burn	Sphagnum Moss < 30cm	Good				
1334907	Old Burn	Sphagnum Moss < 30cm	Good				
1334908	Old Burn	Sphagnum Moss < 30cm	Good				
1334909	Old Burn	Sphagnum Moss < 30cm	Good				
1334910	Old Burn	Sphagnum Moss < 30cm	Good				
1334911	Old Burn	Sphagnum Moss < 30cm	Good	Bright Orange Rust			
1334912	Old Burn	Sphagnum Moss < 30cm	Good				
1334913	Old Burn	Sphagnum Moss < 30cm	Good				
1334914	Old Burn	Sphagnum Moss < 30cm	Good				
1334915	Old Burn	Sphagnum Moss < 30cm	Good				
1334916	Old Burn	Sphagnum Moss < 30cm	Good				
1334917	Old Burn	Sphagnum Moss < 30cm	Good				
1334918	Old Burn	Sphagnum Moss < 30cm	Good				

sample_id	project	sample	zone	easting	northing	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1334919	SHI	SOIL	8	469037	7090839	0.8	18.3	16.3	57	0.1	20.1	9.4	190
1334920	SHI	SOIL	8	469028	7090862	0.9	21.5	12.5	59	0.2	23	9.9	334
1334921	SHI	SOIL	8	469020	7090885	1.1	21.7	13.6	52	0.2	19.4	9.3	142
1334922	SHI	SOIL	8	469012	7090908	0.9	25.2	13.5	63	0.2	23.7	9.3	146
1334923	SHI	SOIL	8	469002	7090933	0.7	33.4	13.7	58	0.3	22.7	8.2	208
1334924	SHI	SOIL	8	468994	7090956	0.6	33.4	13.5	55	0.3	22.7	8.6	140
1334925	SHI	SOIL	8	468986	7090979	1.2	43.9	16.9	50	0.2	19.6	9.6	414
1333305	SHI	SOIL	8	469439	7090290	1	31.1	12.8	66	0.3	28.2	8.4	321
1333306	SHI	SOIL	8	469429	7090314	1.3	28.8	17.1	101	0.5	29.6	9.3	241
1333307	SHI	SOIL	8	469422	7090337	8.1	55.5	20	90	0.7	32.8	6.8	380
1333307	SHI	REP	8	469422	7090337	8	54.8	20.7	90	0.7	32	7	367
1333307	SHI	REP	8	469422	7090337	8.1	55.5	20.6	89	0.7	32.2	6.8	370
1333308	SHI	SOIL	8	469414	7090361	8	65.3	15.3	156	0.6	82.6	21.4	640
1333309	SHI	SOIL	8	469406	7090385	0.8	28.4	13.1	52	0.2	20.1	7.7	386
1333310	SHI	SOIL	8	469397	7090409	1.1	28.1	24.5	73	0.3	24.1	10.1	549
1333311	SHI	SOIL	8	469389	7090432	0.8	31.8	14	59	0.2	23.6	8.9	501
1333312	SHI	SOIL	8	469382	7090454	1.1	36.1	17.8	66	0.3	23.8	9.8	526
1333313	SHI	SOIL	8	469374	7090479	1.2	29.8	20.4	70	0.3	22.8	8.6	394
1333314	SHI	SOIL	8	469365	7090502	1.1	38.4	19.2	71	0.3	24.4	8.5	421
1333315	SHI	SOIL	8	469356	7090526	1.1	32.4	15.5	64	0.2	23.8	8.3	366
1333316	SHI	SOIL	8	469348	7090550	1.3	35.1	19.5	71	0.2	23.2	9.1	477
1333317	SHI	SOIL	8	469340	7090574	1	31.8	72.3	58	0.5	22.9	8.7	337
1333318	SHI	SOIL	8	469331	7090598	0.9	26.4	11.3	72	0.1	24.2	9.1	292
1333319	SHI	SOIL	8	469323	7090621	1.5	43.1	23.7	66	0.3	24.9	10.7	452
1333320	SHI	SOIL	8	469315	7090644	1.4	55.8	18.3	54	0.3	18.5	10	539
1333321	SHI	SOIL	8	469307	7090667	1.3	82.5	12.6	55	0.2	18.9	11.4	736
1333322	SHI	SOIL	8	469297	7090692	2.8	116.8	14.5	72	0.3	31.6	13.9	860
1333324	SHI	SOIL	8	469291	7090716	1.2	104.1	12.3	66	0.3	27.3	9.6	553
1333325	SHI	SOIL	8	469291	7090716	1.3	111.9	11.9	65	0.3	27.7	10.4	528
1333323	SHI	SOIL	8	469282	7090739	1.8	127.5	9.6	73	0.2	22	9.9	184
1333326	SHI	SOIL	8	469273	7090761	1.2	27	13.7	57	0.2	19.4	9.1	452
1333327	SHI	SOIL	8	469265	7090786	1	19.9	16.7	55	0.3	17	6.1	328
1333328	SHI	SOIL	8	469256	7090810	1.3	46.4	21.1	66	0.3	27.5	11.2	376
1333329	SHI	SOIL	8	469249	7090834	1.2	42	22.4	73	0.3	25	9.1	459
1333330	SHI	SOIL	8	469240	7090857	1.1	23.3	21	68	0.1	20.7	10.4	497
1333331	SHI	SOIL	8	469232	7090880	1	43.4	17.3	63	0.3	28.5	10.4	552
1333332	SHI	SOIL	8	469223	7090905	0.9	36.9	16.9	68	0.4	23.6	8.8	396
1339058	SHI	SOIL	8	468917	7090876	0.9	35.3	13.3	47	0.2	20.1	7.4	411
1339059	SHI	SOIL	8	468908	7090900	0.4	23.6	17.6	106	0.3	15.8	8.5	393
1339060	SHI	SOIL	8	468900	7090924	1.1	44.3	30.6	108	0.4	26.1	9.4	718
1339061	SHI	SOIL	8	468892	7090947	1.5	44.3	50.9	203	1	33.1	9.5	686

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1334919	2.32	14.1	0.8	3.8	3.5	16	0.05	0.7	0.2	47	0.26	0.022	13
1334920	2.33	13.4	0.7	4.2	4.1	28	0.05	0.9	0.2	37	0.42	0.049	14
1334921	2.71	17.2	1.1	3.2	3.3	37	0.2	0.6	0.2	40	0.59	0.068	13
1334922	2.45	15.6	1.4	6.1	4.1	34	0.3	0.8	0.2	39	0.5	0.054	14
1334923	1.93	13.1	1.9	5	2.8	63	0.6	0.8	0.2	35	1.02	0.057	13
1334924	1.93	13	0.9	3.8	3.7	49	0.3	0.8	0.2	32	0.74	0.058	14
1334925	2.25	13.3	0.9	1.9	2.9	34	0.05	0.7	0.2	37	0.64	0.051	14
1333305	2.19	57	1.2	6.2	2.1	48	0.4	1.5	0.2	25	1.52	0.064	9
1333306	2.55	83.2	1.1	26.6	4.3	34	0.8	1.8	0.4	27	0.81	0.081	12
1333307	2.86	36.6	1	43.2	5.1	38	0.4	2.3	0.4	25	0.4	0.065	23
1333307	2.87	36.4	0.9	15.5	5.3	38	0.3	2.3	0.4	23	0.38	0.068	22
1333307	2.93	36.8	0.9	16.5	5.2	38	0.3	2.3	0.4	24	0.41	0.067	22
1333308	4.52	38.9	1.6	6.2	7.9	35	0.6	2.9	0.3	28	0.65	0.119	33
1333309	1.99	22.1	1.2	12.2	1.7	37	0.3	0.9	0.2	26	1.04	0.059	10
1333310	2.72	38.3	1.8	4.1	4.3	24	0.3	1.1	0.3	31	0.55	0.049	14
1333311	2.21	25.3	1.6	5.1	1.6	40	0.4	1	0.2	31	1.2	0.074	12
1333312	2.37	31.9	1.4	4.3	2.5	27	0.2	1	0.3	34	0.62	0.049	14
1333313	2.44	43.1	1	10.5	4.4	20	0.2	1.2	0.3	29	0.36	0.049	15
1333314	2.32	46.5	1.2	5.3	3.2	29	0.4	1.5	0.3	27	0.67	0.05	14
1333315	2.19	31.7	1.1	7.7	3.3	26	0.3	1.1	0.2	28	0.58	0.061	13
1333316	2.52	46.6	2.2	7.2	5.1	23	0.2	1.3	0.3	31	0.46	0.057	15
1333317	2.37	24.9	1.2	3.5	3	26	0.2	8	0.2	35	0.58	0.04	12
1333318	2.11	16.6	0.5	4.4	3.4	24	0.2	1	0.2	26	0.49	0.085	12
1333319	2.84	103.6	1.4	11	4.1	24	0.2	1.5	0.4	30	0.44	0.05	15
1333320	2.32	49.1	1.3	2.3	2.4	25	0.1	0.8	0.2	36	0.52	0.036	12
1333321	2.21	84.9	1.5	2.2	1.6	44	0.3	0.7	0.2	31	0.99	0.049	10
1333322	2.57	86.3	1.2	9.6	3.7	32	0.2	0.8	0.3	30	0.56	0.066	15
1333324	2.38	28.7	0.6	5.5	4	17	0.05	1.1	0.2	31	0.29	0.052	14
1333325	2.53	27.5	0.6	4	3.8	20	0.1	1.1	0.2	32	0.32	0.055	14
1333323	2.95	23.5	0.2	3	2.6	13	0.1	0.8	0.2	64	0.22	0.02	11
1333326	2.19	17.6	1.5	4	2.9	29	0.2	0.6	0.3	35	0.7	0.073	14
1333327	1.97	28.5	0.5	34.1	3.8	15	0.3	1.5	0.1	20	0.37	0.081	12
1333328	2.46	75.2	1.5	6.1	3.7	27	0.3	1.4	0.4	35	0.59	0.052	15
1333329	2.45	61.1	1.5	5.4	3.7	30	0.4	1.5	0.3	29	0.59	0.058	15
1333330	2.66	58.9	1	10.7	3.8	27	0.1	1.2	0.2	32	0.53	0.033	12
1333331	2.47	29.6	1.9	5.1	2.6	42	0.2	1.2	0.2	31	0.96	0.072	14
1333332	2.21	27.2	1.7	1811.5	4.1	30	0.3	1.1	0.2	26	0.65	0.073	16
1339058	1.67	26.4	2.2	6.7	2	41	0.3	0.7	0.2	20	1.11	0.06	12
1339059	2.15	36.4	4	5.4	3.5	57	0.8	0.8	0.2	25	1.66	0.077	15
1339060	2.32	41.5	4	3.1	2.7	47	0.8	0.8	0.2	31	1.02	0.062	18
1339061	2.59	40.3	1	9.1	6.8	18	0.6	1.3	0.2	25	0.33	0.049	21

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm
1334919	26	0.42	218	0.015	0.5	1.46	0.005	0.03	0.2	0.03	2.7	0.1	0.025	5
1334920	22	0.41	227	0.02	0.5	1.15	0.007	0.03	0.2	0.06	3.6	0.05	0.025	4
1334921	22	0.4	261	0.016	0.5	1.2	0.007	0.03	0.1	0.06	3.3	0.05	0.025	3
1334922	22	0.38	333	0.019	1	1.11	0.007	0.04	0.2	0.06	3.6	0.05	0.025	3
1334923	21	0.4	321	0.02	2	1.12	0.008	0.04	0.1	0.06	3.6	0.05	0.08	3
1334924	19	0.36	292	0.021	0.5	0.98	0.007	0.04	0.3	0.07	3.3	0.05	0.025	3
1334925	21	0.4	446	0.013	0.5	1.16	0.006	0.04	0.3	0.05	2.6	0.05	0.025	4
1333305	19	0.39	230	0.012	2	0.94	0.007	0.04	0.1	0.04	2.3	0.05	0.07	2
1333306	24	0.38	184	0.01	2	1.08	0.007	0.05	0.3	0.06	2.8	0.05	0.025	3
1333307	21	0.48	186	0.011	0.5	0.89	0.005	0.04	0.3	0.05	1.8	0.05	0.025	3
1333307	21	0.49	174	0.011	0.5	0.9	0.005	0.04	0.3	0.05	1.9	0.05	0.025	3
1333307	21	0.49	171	0.011	0.5	0.92	0.005	0.04	0.3	0.06	1.9	0.05	0.025	3
1333308	26	0.4	165	0.007	0.5	1.26	0.004	0.03	0.2	0.04	3.4	0.05	0.025	3
1333309	17	0.36	283	0.015	1	0.88	0.007	0.03	0.3	0.05	2.3	0.05	0.025	3
1333310	20	0.39	246	0.02	0.5	1.05	0.008	0.05	0.4	0.03	3	0.05	0.025	3
1333311	19	0.42	349	0.016	0.5	0.96	0.007	0.04	0.2	0.04	2.4	0.05	0.025	3
1333312	20	0.41	269	0.018	0.5	1.04	0.007	0.04	0.3	0.04	3.3	0.05	0.025	3
1333313	19	0.43	213	0.025	1	0.98	0.008	0.05	1.1	0.04	2.9	0.05	0.025	3
1333314	18	0.36	245	0.02	2	0.93	0.007	0.05	0.6	0.04	2.8	0.05	0.025	3
1333315	18	0.37	266	0.023	0.5	0.87	0.008	0.04	0.5	0.04	2.6	0.05	0.025	3
1333316	20	0.42	215	0.034	0.5	1	0.008	0.06	0.7	0.02	3	0.1	0.025	3
1333317	21	0.38	286	0.019	0.5	1.14	0.006	0.04	0.3	0.04	2.9	0.05	0.025	3
1333318	15	0.36	316	0.025	0.5	0.71	0.008	0.03	0.2	0.05	2.4	0.05	0.025	2
1333319	19	0.37	204	0.025	0.5	0.99	0.008	0.04	0.7	0.04	3	0.1	0.025	3
1333320	20	0.37	272	0.017	0.5	1.11	0.006	0.04	0.3	0.03	2.6	0.05	0.025	3
1333321	18	0.37	284	0.013	0.5	0.96	0.006	0.03	0.1	0.04	2.2	0.05	0.025	3
1333322	20	0.49	355	0.016	0.5	1.07	0.005	0.04	0.2	0.04	2.7	0.05	0.025	4
1333324	19	0.46	322	0.018	2	1	0.006	0.03	0.2	0.04	3	0.05	0.025	3
1333325	20	0.44	332	0.018	0.5	1.02	0.006	0.03	0.2	0.06	3.2	0.05	0.025	3
1333323	24	0.45	137	0.021	0.5	1.63	0.003	0.03	0.2	0.02	2.5	0.1	0.025	5
1333326	21	0.44	281	0.022	4	1.09	0.006	0.04	0.2	0.03	3.1	0.05	0.025	3
1333327	12	0.28	133	0.025	2	0.58	0.006	0.04	0.2	0.02	2.3	0.05	0.025	2
1333328	21	0.43	331	0.022	5	1.08	0.007	0.04	0.2	0.04	3.3	0.05	0.025	3
1333329	20	0.42	233	0.022	2	1.06	0.007	0.05	0.3	0.04	2.9	0.05	0.025	3
1333330	19	0.41	195	0.025	0.5	1.02	0.007	0.04	0.2	0.04	2.9	0.05	0.025	3
1333331	19	0.4	314	0.019	0.5	0.99	0.006	0.04	0.3	0.06	3.1	0.05	0.025	3
1333332	18	0.4	242	0.024	2	0.99	0.006	0.05	0.3	0.06	2.9	0.05	0.025	3
1339058	14	0.31	170	0.015	0.5	0.67	0.006	0.03	0.4	0.04	1.8	0.05	0.06	2
1339059	16	0.49	278	0.035	1	0.96	0.008	0.06	0.2	0.06	2.8	0.05	0.13	3
1339060	21	0.43	256	0.021	2	1.04	0.009	0.05	0.3	0.04	2.6	0.05	0.025	3
1339061	25	0.46	199	0.015	0.5	1.14	0.006	0.06	0.3	0.04	2.8	0.05	0.025	3

sample_id	se_ppm	te_ppm	analysis_m	job_number	colour	texture	moisture	site_slope	depth	horizon
1334919	0.6	0.1	1DX15	WHI13000377	Chocolate Brown	Silt	Damp	Subtle Slope	30	B
1334920	0.7	0.1	1DX15	WHI13000377	Greyish Green	Sand	Damp	Subtle Slope	30	B
1334921	0.25	0.1	1DX15	WHI13000377	Grey	Silt	Damp	Subtle Slope	20	B
1334922	0.5	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	50	B
1334923	2.1	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	30	B
1334924	2.1	0.1	1DX15	WHI13000377	Dark Grey Black	Silt	Damp	Subtle Slope	30	B
1334925	0.7	0.1	1DX15	WHI13000377	Greyish Green	Sand	Damp	Subtle Slope	30	B
1333305	0.7	0.1	1DX15	WHI13000377	Dark Grey Black	Clay	Dry	Subtle Slope	50	B
1333306	0.6	0.1	1DX15	WHI13000377	Dark Brown	Sand	Dry	Subtle Slope	50	B
1333307	1.3	0.1	1DX15	WHI13000377	Light Bluish Grey	Sand	Dry	Subtle Slope	70	C
1333307	0.9	0.1	1DX15	WHI13000377	Light Bluish Grey	Sand	Dry	Subtle Slope	70	C
1333307	1.5	0.2	1DX15	WHI13000377	Light Bluish Grey	Sand	Dry	Subtle Slope	70	C
1333308	1.1	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	90	C
1333309	0.25	0.1	1DX15	WHI13000377	Dark Brown	Clay	Dry	Subtle Slope	60	B
1333310	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Dry	Subtle Slope	40	C
1333311	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Dry	Subtle Slope	70	B
1333312	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Dry	Subtle Slope	90	C
1333313	0.25	0.1	1DX15	WHI13000377	Light Brown	Sand	Dry	Pronounced Slope	50	C
1333314	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Dry	Subtle Slope	50	C
1333315	0.25	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	60	C
1333316	0.8	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	70	C
1333317	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Dry	Subtle Slope	50	C
1333318	0.25	0.1	1DX15	WHI13000377	Light Brown	Sand	Dry	Subtle Slope	50	C
1333319	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Dry	Subtle Slope	40	B
1333320	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Clay	Dry	Subtle Slope	50	B
1333321	0.6	0.1	1DX15	WHI13000377	Dark Brown	Clay	Dry	Subtle Slope	50	B
1333322	0.25	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	90	C
1333324	0.25	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	60	C
1333325	0.25	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	60	C
1333323	0.25	0.1	1DX15	WHI13000377	Reddish Yellow	Sand	Dry	Subtle Slope	40	B
1333326	0.6	0.1	1DX15	WHI13000377	Chocolate Brown	Clay	Dry	Subtle Slope	40	B
1333327	0.25	0.1	1DX15	WHI13000377	Reddish Brown	Sand	Dry	Subtle Slope	80	C
1333328	0.6	0.1	1DX15	WHI13000377	Chocolate Brown	Clay	Dry	Subtle Slope	50	B
1333329	0.8	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	60	B
1333330	0.25	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	50	C
1333331	0.25	0.1	1DX15	WHI13000377	Dark Brown	Clay	Dry	Subtle Slope	60	B
1333332	0.6	0.1	1DX15	WHI13000377	Grey	Sand	Dry	Subtle Slope	60	C
1339058	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Clay	Damp	Subtle Slope	50	B
1339059	1.5	0.1	1DX15	WHI13000377	Dark Grey Black	Clay	Damp	Subtle Slope	50	B
1339060	1.2	0.1	1DX15	WHI13000377	Grey	Clay	Damp	Subtle Slope	40	B
1339061	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	70	B

sample_id	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of_id
1334919	Old Burn	Sphagnum Moss < 30cm	Good				
1334920	Old Burn	Sphagnum Moss < 30cm	Good				
1334921	Old Burn	Sphagnum Moss < 30cm	Good				
1334922	Old Burn	Sphagnum Moss < 30cm	Good				
1334923	Old Burn	Sphagnum Moss < 30cm	Good				
1334924	Old Burn	Sphagnum Moss < 30cm	Good				
1334925	Old Burn	Sphagnum Moss < 30cm	Good				
1333305	Old Burn	Burnt Moss	Good	Coarse	Organic 10%		
1333306	Old Burn	Burnt Moss	Good	Coarse		Partial C Horizon	
1333307	Old Burn	Grass Cover	Excellent	Coarse			
1333307	Old Burn	Grass Cover	Excellent	Coarse			
1333307	Old Burn	Grass Cover	Excellent	Coarse			
1333308	Old Burn	Burnt Moss	Excellent	Coarse			
1333309	Old Burn	Burnt Moss	Good	Coarse			
1333310	Old Burn	Grass Cover	Good	Coarse			
1333311	Old Burn	Grass Cover	Good	Coarse		Partial C Horizon	
1333312	Old Burn	Grass Cover	Excellent	Coarse			
1333313	Old Burn	Grass Cover	Excellent	Coarse			
1333314	Old Burn	Grass Cover	Good	Coarse			
1333315	Old Burn	Burnt Moss	Excellent	Coarse		greyish brown	
1333316	Old Burn	Burnt Moss	Excellent	Coarse			
1333317	Old Burn	Grass Cover	Excellent	Coarse			
1333318	Old Burn	Burnt Moss	Excellent	Coarse			
1333319	Old Burn	Burnt Moss	Good	Coarse			
1333320	Old Burn	Grass Cover	Good	Coarse			
1333321	Old Burn	Burnt Moss	Good	Coarse			
1333322	Old Burn	Grass Cover	Excellent	Coarse			
1333324	Old Burn	Burnt Moss	Excellent	Coarse		greyish brown	
1333325	Old Burn	Burnt Moss	Excellent	Coarse		greyish brown	1333324
1333323	Old Burn	Burnt Moss	Poor	Fine			
1333326	Old Burn	Burnt Moss	Good	Coarse			
1333327	Old Burn	Grass Cover	Excellent	Coarse	Quartz Chips		
1333328	Old Burn	Burnt Moss	Good	Coarse	Dull Red Rust	Partial C Horizon	
1333329	Old Burn	Burnt Moss	Excellent	Coarse		greyish brown	
1333330	Old Burn	Burnt Moss	Excellent	Coarse		greyish brown	
1333331	Old Burn	Burnt Moss	Good	Coarse			
1333332	Old Burn	Burnt Moss	Good	Coarse			
1339058	Old Burn	Burnt Moss	Poor	Organic 10%			
1339059	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339060	Old Burn	Burnt Moss	Good	Dull Red Rust			
1339061	Old Burn	Thin Moss Cover	Good	Coarse	organic layer beneath sediment		

sample_id	project	sample	zone	easting	northing	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm	mn_ppm
1339062	SHI	SOIL	8	468924	7090853	0.6	28.8	13.3	97	0.2	20.1	8.5	140
1339063	SHI	SOIL	8	468931	7090830	0.8	25.9	14.6	73	0.3	21.9	10.5	491
1339064	SHI	SOIL	8	468941	7090807	1	31.3	19.3	76	0.3	24.1	10.1	763
1339065	SHI	SOIL	8	468949	7090782	1.4	38.1	19.3	72	0.3	30.3	11	405
1339066	SHI	SOIL	8	468958	7090759	1.2	34.1	13.3	71	0.3	24.1	8.8	438
1339067	SHI	SOIL	8	468965	7090736	2.7	51.7	25.9	79	0.4	33.3	12.3	427
1339068	SHI	SOIL	8	468973	7090712	2.1	77.8	20.2	84	0.5	28.4	10.4	426
1339069	SHI	SOIL	8	468982	7090690	2.3	56.8	30.4	106	0.4	35.6	12.2	584
1339070	SHI	SOIL	8	468990	7090665	2.6	58.4	28.4	109	0.5	36.3	11.3	490
1339071	SHI	SOIL	8	468999	7090640	1.7	54.4	24.5	95	0.6	35.5	11.5	605
1339072	SHI	SOIL	8	469006	7090617	1.4	35	20.1	75	0.4	24.5	7.9	384
1339073	SHI	SOIL	8	469015	7090592	1	27.2	11.8	47	0.4	27.8	9.7	232
1339074	SHI	SOIL	8	469023	7090571	1.3	15.5	14.7	61	0.2	15.9	7.8	444
1339075	SHI	SOIL	8	469023	7090571	0.8	20.9	15.8	61	0.1	14.9	7.8	413
1339076	SHI	SOIL	8	469031	7090547	1.8	41.3	15.6	47	0.3	21.6	6.6	392
1339077	SHI	SOIL	8	469040	7090524	0.2	30.4	14.3	71	0.2	16.6	5.4	347
1339078	SHI	REP	8	469048	7090499	1	47.9	14.2	65	0.2	22.5	9.2	579
1339078	SHI	REP	8	469048	7090499	1.2	48.1	15.1	64	0.3	21.9	9.3	590
1339078	SHI	SOIL	8	469048	7090499	1.1	45.3	14.7	61	0.2	20.8	8.4	553
1339079	SHI	SOIL	8	469056	7090475	1.2	102.4	13.6	58	0.3	19.9	7.4	620
1339080	SHI	SOIL	8	469064	7090452	1.6	35	19.8	77	0.3	23.9	8.7	609
1339081	SHI	SOIL	8	469073	7090428	1.2	29.1	13.5	63	0.3	20.6	7.9	598
1339082	SHI	SOIL	8	469081	7090405	1.5	43.3	21.8	81	0.4	25.8	8.5	445
1339083	SHI	SOIL	8	469090	7090382	1.2	31.3	19.5	76	0.3	23.4	8.6	352

sample_id	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	bi_ppm	v_ppm	ca_pct	p_pct	la_ppm
1339062	2.16	44	1.6	6	2.6	41	0.5	0.7	0.4	30	0.79	0.076	12
1339063	2.4	24.9	2.1	3.1	2.6	31	0.2	0.7	0.2	34	0.63	0.068	14
1339064	2.48	32.5	2.3	4.3	2.2	39	0.3	0.8	0.3	37	0.81	0.056	16
1339065	2.52	41.6	1.4	5.4	5	25	0.2	1.2	0.2	35	0.43	0.048	21
1339066	2.12	36.6	0.6	10.6	4.9	23	0.5	1.6	0.1	30	0.57	0.089	14
1339067	2.9	55.1	1.8	8.2	9.4	12	0.3	2.4	0.3	31	0.28	0.038	23
1339068	2.51	42	1	2.9	3.4	33	0.7	1.8	0.3	29	0.89	0.063	15
1339069	2.84	62	0.9	5.7	8	40	0.5	2.6	0.2	30	1.1	0.082	20
1339070	2.97	72.7	0.9	12.4	6.8	25	0.5	2.4	0.3	30	0.48	0.088	20
1339071	2.67	55.2	1.6	9.6	4.2	30	0.6	2.3	0.2	30	0.7	0.075	18
1339072	2.29	54.4	1	19.2	4.9	20	0.2	1.7	0.2	25	0.42	0.054	18
1339073	2	19.8	1.5	9.2	3	33	0.2	1.2	0.2	30	1	0.049	12
1339074	2.05	40.3	1.7	39.5	4.1	18	0.1	0.8	0.1	26	0.39	0.034	15
1339075	2.05	39.6	2.6	8.5	4	23	0.1	0.7	0.1	29	0.56	0.037	15
1339076	1.9	29.5	2.8	6.7	2.5	38	0.2	0.9	0.2	26	0.95	0.046	12
1339077	1.49	14.1	5.1	5.8	3.1	53	0.6	0.7	0.2	28	1.22	0.059	12
1339078	2.08	33.1	1.5	7.4	3	27	0.2	0.8	0.1	26	0.62	0.057	14
1339078	2.11	32.3	1.5	28.8	3.2	28	0.2	0.9	0.1	27	0.6	0.056	14
1339078	1.95	31.1	1.4	5.3	3.1	27	0.1	0.8	0.2	26	0.57	0.057	14
1339079	1.72	31.7	3.1	5.7	2.2	44	0.4	1	0.1	23	1.14	0.059	13
1339080	2.44	60.7	1.3	5.2	4.6	29	0.3	1.7	0.2	28	0.69	0.08	14
1339081	1.92	33.7	1.4	12.9	2.5	39	0.4	1.1	0.2	24	1.06	0.075	13
1339082	2.38	59.3	2	24.6	4	40	0.5	1.7	0.3	28	1.41	0.072	16
1339083	2.64	42.5	1.7	5.5	2.2	27	0.3	1	0.2	38	0.64	0.047	14

sample_id	cr_ppm	mg_pct	ba_ppm	ti_pct	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	sc_ppm	tl_ppm	s_pct	ga_ppm
1339062	18	0.39	209	0.018	3	0.97	0.007	0.04	0.2	0.04	2.7	0.05	0.1	3
1339063	20	0.41	248	0.02	0.5	1.02	0.007	0.04	0.1	0.05	3.2	0.05	0.025	3
1339064	22	0.42	303	0.016	2	1.28	0.007	0.05	0.3	0.03	3	0.1	0.05	4
1339065	22	0.42	186	0.028	0.5	1.08	0.008	0.04	0.7	0.05	2.9	0.05	0.025	3
1339066	17	0.48	155	0.028	0.5	0.69	0.01	0.06	0.6	0.04	3	0.05	0.025	2
1339067	21	0.51	113	0.023	0.5	1.25	0.007	0.07	0.5	0.05	4.2	0.2	0.06	3
1339068	19	0.45	201	0.021	3	1.03	0.009	0.07	0.3	0.08	2.7	0.05	0.07	3
1339069	23	0.64	205	0.028	2	1.13	0.011	0.12	0.3	0.06	2.9	0.1	0.025	3
1339070	24	0.53	222	0.023	0.5	1.16	0.009	0.1	0.6	0.03	3.1	0.1	0.025	3
1339071	22	0.49	298	0.018	0.5	1.17	0.008	0.08	0.4	0.03	3	0.05	0.025	3
1339072	18	0.4	202	0.018	0.5	0.92	0.007	0.05	0.4	0.01	2.4	0.05	0.025	3
1339073	23	0.35	197	0.016	0.5	0.95	0.006	0.04	0.2	0.05	2.6	0.05	0.06	3
1339074	15	0.34	163	0.021	0.5	0.85	0.008	0.03	0.3	0.03	2	0.05	0.025	3
1339075	17	0.34	229	0.019	0.5	0.89	0.006	0.03	0.4	0.03	2.3	0.05	0.025	3
1339076	16	0.32	183	0.013	0.5	0.83	0.006	0.03	0.4	0.07	2.2	0.05	0.07	2
1339077	17	0.42	249	0.028	0.5	0.96	0.008	0.06	0.1	0.05	2.7	0.05	0.17	3
1339078	16	0.4	330	0.018	0.5	0.86	0.007	0.04	0.4	0.03	2.2	0.05	0.07	3
1339078	18	0.39	322	0.019	0.5	0.84	0.006	0.04	0.3	0.02	2.2	0.05	0.025	3
1339078	16	0.4	310	0.017	0.5	0.87	0.007	0.03	0.5	0.03	2.1	0.05	0.025	2
1339079	15	0.34	230	0.018	0.5	0.7	0.006	0.03	0.4	0.04	1.9	0.05	0.1	2
1339080	17	0.44	164	0.028	0.5	0.85	0.009	0.06	0.5	0.02	2.4	0.1	0.05	2
1339081	16	0.37	209	0.02	0.5	0.71	0.007	0.04	0.5	0.005	2.1	0.05	0.09	2
1339082	17	0.63	214	0.029	0.5	0.91	0.01	0.09	0.8	0.04	3	0.2	0.06	3
1339083	22	0.45	249	0.02	0.5	1.22	0.008	0.07	0.4	0.03	2.9	0.1	0.025	4

sample_id	se_ppm	te_ppm	analysis_m	job_number	colour	texture	moisture	site_slope	depth	horizon
1339062	1.2	0.1	1DX15	WHI13000377	Dark Brown	Clay	Damp	Flat	50	B
1339063	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1339064	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	30	B
1339065	0.7	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1339066	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	110	C
1339067	1.1	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Dry	Subtle Slope	50	B
1339068	0.6	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	30	B
1339069	1.1	0.1	1DX15	WHI13000377	Bluish Grey	Sand	Damp	Subtle Slope	70	B
1339070	0.7	0.1	1DX15	WHI13000377	Chocolate Brown	Clay	Damp	Subtle Slope	50	B
1339071	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	80	B
1339072	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	30	B
1339073	0.6	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1339074	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1339075	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1339076	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	40	B
1339077	0.9	0.1	1DX15	WHI13000377	Dark Blue Black	Sand	Damp	Subtle Slope	50	B
1339078	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1339078	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1339078	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1339079	0.25	0.1	1DX15	WHI13000377	Dark Grey Black	Sand	Damp	Flat	30	B
1339080	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	50	B
1339081	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Damp	Subtle Slope	60	B
1339082	0.7	0.1	1DX15	WHI13000377	Chocolate Brown	Clay	Damp	Subtle Slope	50	B
1339083	0.25	0.1	1DX15	WHI13000377	Chocolate Brown	Sand	Dry	Subtle Slope	30	B

sample_id	site_veget	ground_cov	quality	note1	note2	remarks	dupe_of_id
1339062	Old Burn	Burnt Moss	Good				
1339063	Old Burn	Burnt Moss	Good	Rocky Terrain			
1339064	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339065	Old Burn	Burnt Moss	Good				
1339066	Old Burn	Burnt Moss	Good	Fine			
1339067	Old Burn	Bare Soil	Good	Coarse	Quartz Chips		
1339068	Old Burn	Burnt Moss	Good	Coarse	Rocky Terrain		
1339069	Old Burn	Burnt Moss	Good	Clay			
1339070	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339071	Old Burn	Burnt Moss	Good	Clay	Bright Orange Rust		
1339072	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339073	Old Burn	Burnt Moss	Good	Bright Orange Rust	Clay		
1339074	Old Burn	Burnt Moss	Good	Quartz Chips	Rocky Terrain		
1339075	Old Burn	Burnt Moss	Good	Quartz Chips	Rocky Terrain		1339074
1339076	Old Burn	Burnt Moss	Good	Bright Orange Rust	Small Sample		
1339077	Alders	Grass Cover	Poor	Bright Orange Rust	Organic 10%		
1339078	Old Burn	Burnt Moss	Good	Clay	Bright Orange Rust		
1339078	Old Burn	Burnt Moss	Good	Clay	Bright Orange Rust		
1339078	Old Burn	Burnt Moss	Good	Clay	Bright Orange Rust		
1339079	Old Burn	Burnt Moss	Good	Bright Orange Rust	Rocky Terrain		
1339080	Old Burn	Thin Moss Cover	Good	Bright Orange Rust			
1339081	Old Burn	Burnt Moss	Good	Quartz Chips	Small Sample		
1339082	Old Burn	Burnt Moss	Good	Bright Orange Rust			
1339083	Old Burn	Thin Moss Cover	Good	Rocky Terrain			