

GEOCHEMICAL / GEOLOGICAL REPORT

on the

WOLF PROJECT

Yukon Territory

WOLF 1-42	YC83707-748
WOLF 43-110	YD89953-90020
WOLF 111-230	YD97071-190
CU 1-8	YF01861-868

NTS # 115N/01

Easting: 540000 Northing: 6990000
UTM Zone 7N, NAD83

Whitehorse Mining District

For
White Gold Corporation

WORK PERFORMED: September 15, 2016

By
Adam Fage
GroundTruth Exploration Inc.
Box 70, Dawson, Yukon
Y0B 1G0

March 27, 2017

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1.0 Introduction and Summary

1.1 Introduction:

From September 15th 2016, White Gold Corporation hired GroundTruth Exploration Inc. to complete a grid soil sampling and geological mapping program on the Wolf project. The program consisted of 333 soil samples collected along grid traverses at 25m sample spacing infilling previously sampled lines in the main zone of the Wolf project. One day of Geological mapping was also completed. The goal of the work was to confirm the main trend of mineralization identified in previous surveys. This soil program returned anomalous gold in soil results including maximum values of: 235.6ppb Au.

2.0 Terms of Reference and Source Material

2.1 Terms, Definitions and Units

All geographic coordinates for sample locations and property scale references are reported in the NAD83 datum and projected to Universal Transverse Mercator (UTM) Zone 7. Distances are reported in metric units, including metres (m) and kilometres (km). Any monetary references in this report are reported in Canadian dollars (CAD). Directional references are reported relative to True North. Standard elemental abbreviations are utilized when referring to analytical results, including Gold (Au), Copper (Cu). Unit abbreviations for analytical results are indicated where appropriate, including: parts per million (ppm), parts per billion (ppb), grams per tonne (g/t) and percent (%).

2.2 Source Documents

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

3.0 Property Location and Description

3.1 Property Location

The Wolf project is located in West-Central Yukon within the Whitehorse Mining District on NTS mapsheets 15N/01.

The Wolf property is situated East of the White River and is approximately 120km Southwest of Dawson City. The Wolf property is geographically centered at 540000E, 6990000N.

The Wolf Project is comprised of 238 quartz claims covering an area of approximately 4,730 hectares. The claims constituting the Wolf project are owned 100% by White Gold Corp.

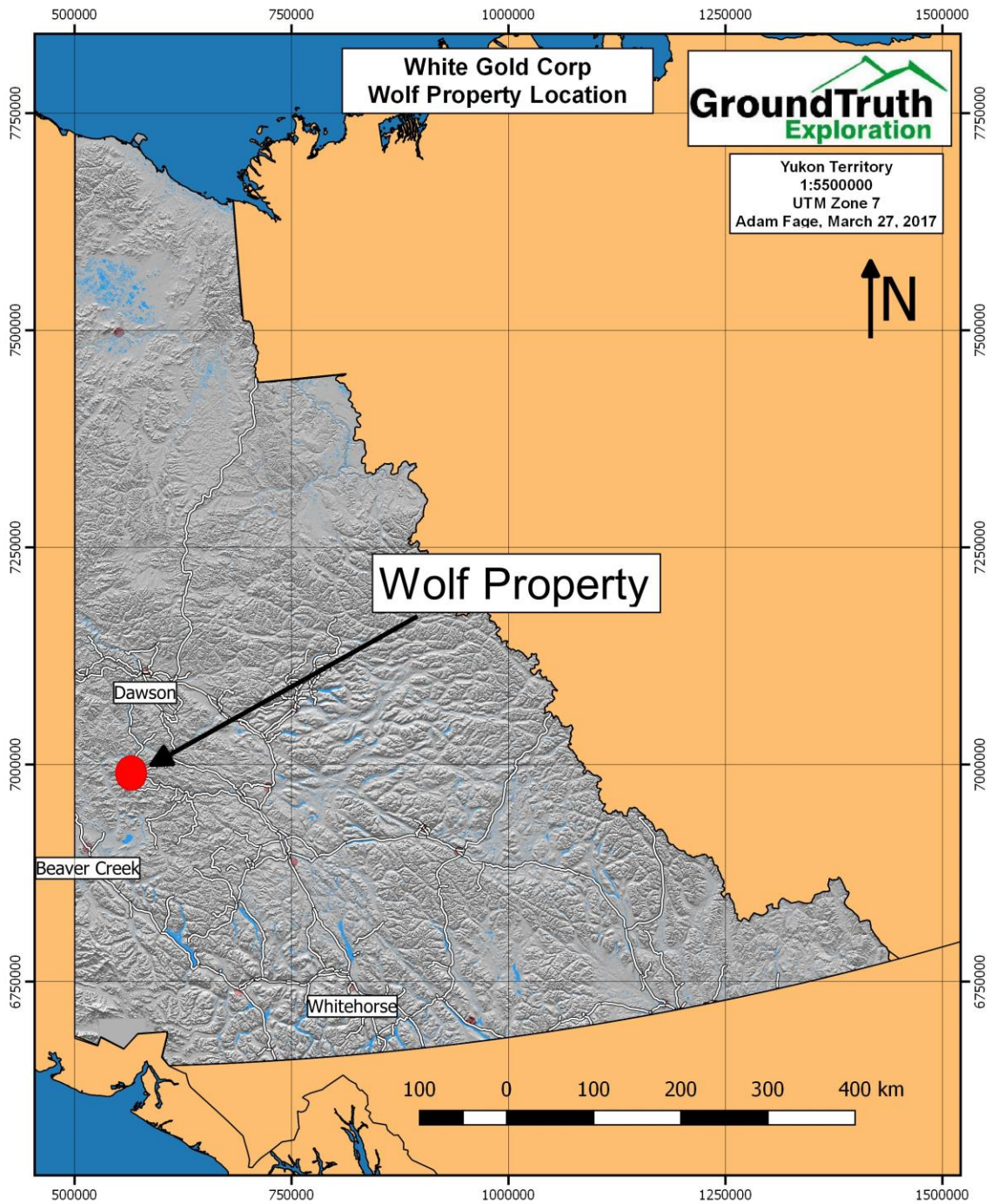


Figure 1: Wolf Property Location Map

3.2 Access

Access to the Wolf property is restricted to helicopter based in Dawson City 120 km to the North of the Wolf Property. Dawson City is accessed by year-round highway approximately 540 km North from Whitehorse, Yukon. Daily flight service is also available from Whitehorse to Dawson City.

3.3 Climate, Physiography and Infrastructure

The Wolf Project area has a subarctic continental climate with a summer mean of 10 degrees Celsius and winter mean temperature of -23 degrees Celsius. Summer temperatures can reach up to +35°C and winter temperatures can drop to -50°C.

The Wolf Project is located between the White River and the Yukon River. Elevations on the project range from 2700ft near the White river at the West end of the property to 4700ft at the East end of the property. The property is mostly unglaciated, with a mix of White Spruce, Sub-alpine Fir, Birch and Poplar on the South, East and West aspects and Black Spruce on the North facing slopes. Discontinuous permafrost occurs throughout the property on the Northerly aspects. Bedrock exposure is fairly prevalent in the higher elevations.

3.4 Land Tenure

The Wolf Project is comprised of 238 contiguous quartz claims covering an area of approximately 4,730 hectares. The claims constituting the Wolf project are owned 100 % by White Gold Corporation.

Wolf Property: List of Claims (as of March 27, 2017)

Claim Name	Grant Number	Expiry	Status	# Claims
WOLF 1-42	YC83707-748	8-Sep-18	Active	18
WOLF 43-110	YD89953-90020	28-Sep-19	Active	14
WOLF 111-230	YD97071-190	29-Sep-19	Active	10
Cu 1-8	YF01861-868	11-Feb-20	Active	136

Total: 238

(See figure 2: Claim Map)

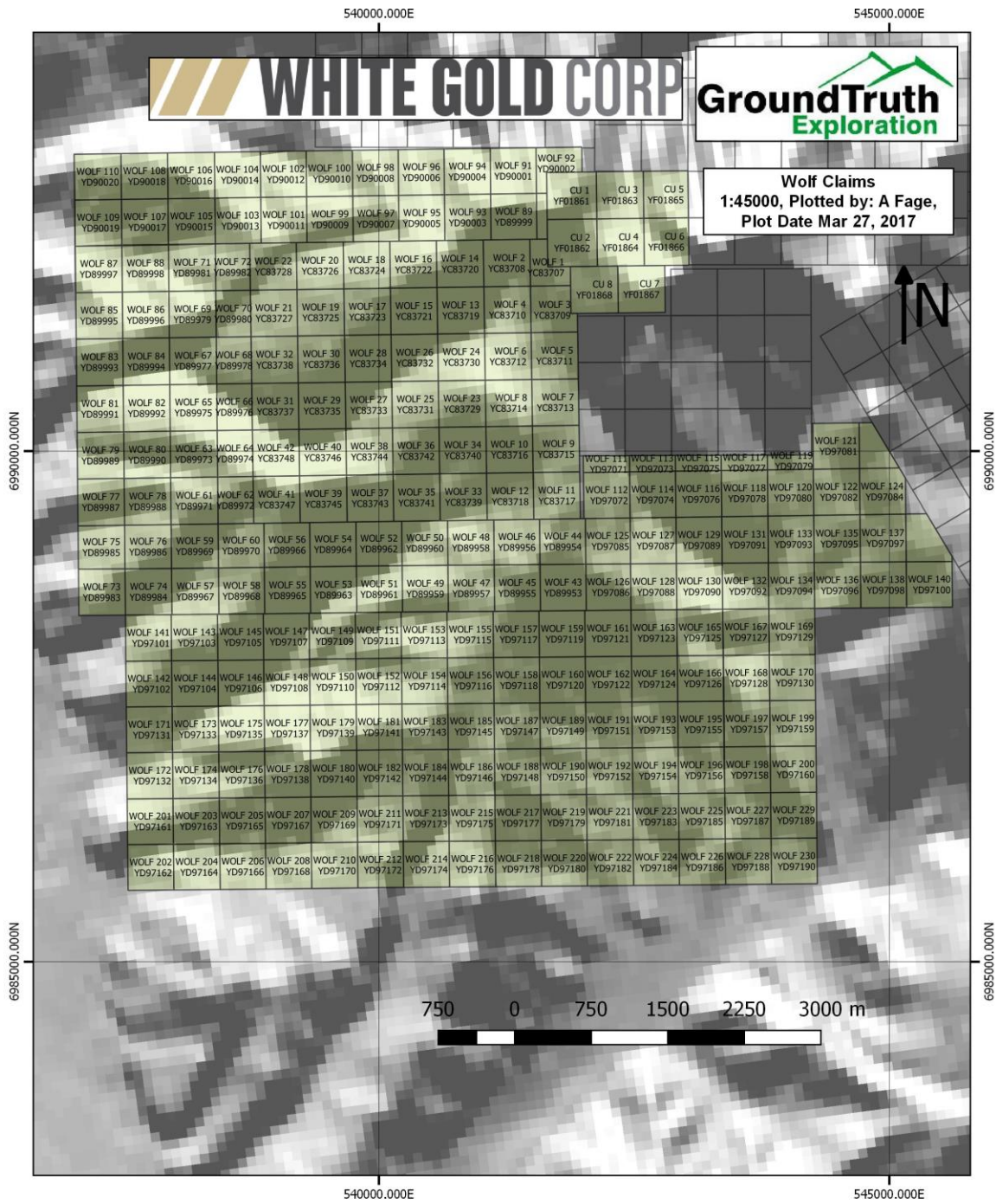


Figure 2: Wolf Property Claim Map

4.0 Exploration History

First staking was of the Aires claims by Quintana Minerals in 1969. Quintana carried out soil sampling, geological mapping and bulldozer trenching in 1970. That work identified porphyry style mineralization on the claims but the results apparently did not warrant further follow-up. About the same time the Libra claims were staked to the west and in 1970 an airborne magnetometer survey was flown on those claims. Parts of the area were re-staked in 1975 and again in 1994 but there is no record of work at that time. Deltango Gold Ltd. Staked the property in 1999 and completed silt, pan concentrate, soil, and rock geochemical sampling. Shawn Ryan staked the Wolf property in 2009, these claims are still in good standing; work completed includes reconnaissance and grid soil sampling and an airborne magnetic survey.

5.0 Regional Geology

The Wolf property is located within the Yukon-Tanana Terrane and is underlain primarily by a pluton of the Cretaceous Dawson Range Batholith intruding metamorphic rocks of the Permian Klondike schists and Sulphur Creek orthogneiss. Andesite to basalt flows of the Late Cretaceous Carmacks Group overlie the younger lithologies in the Northern portion of the property (Figure 3).

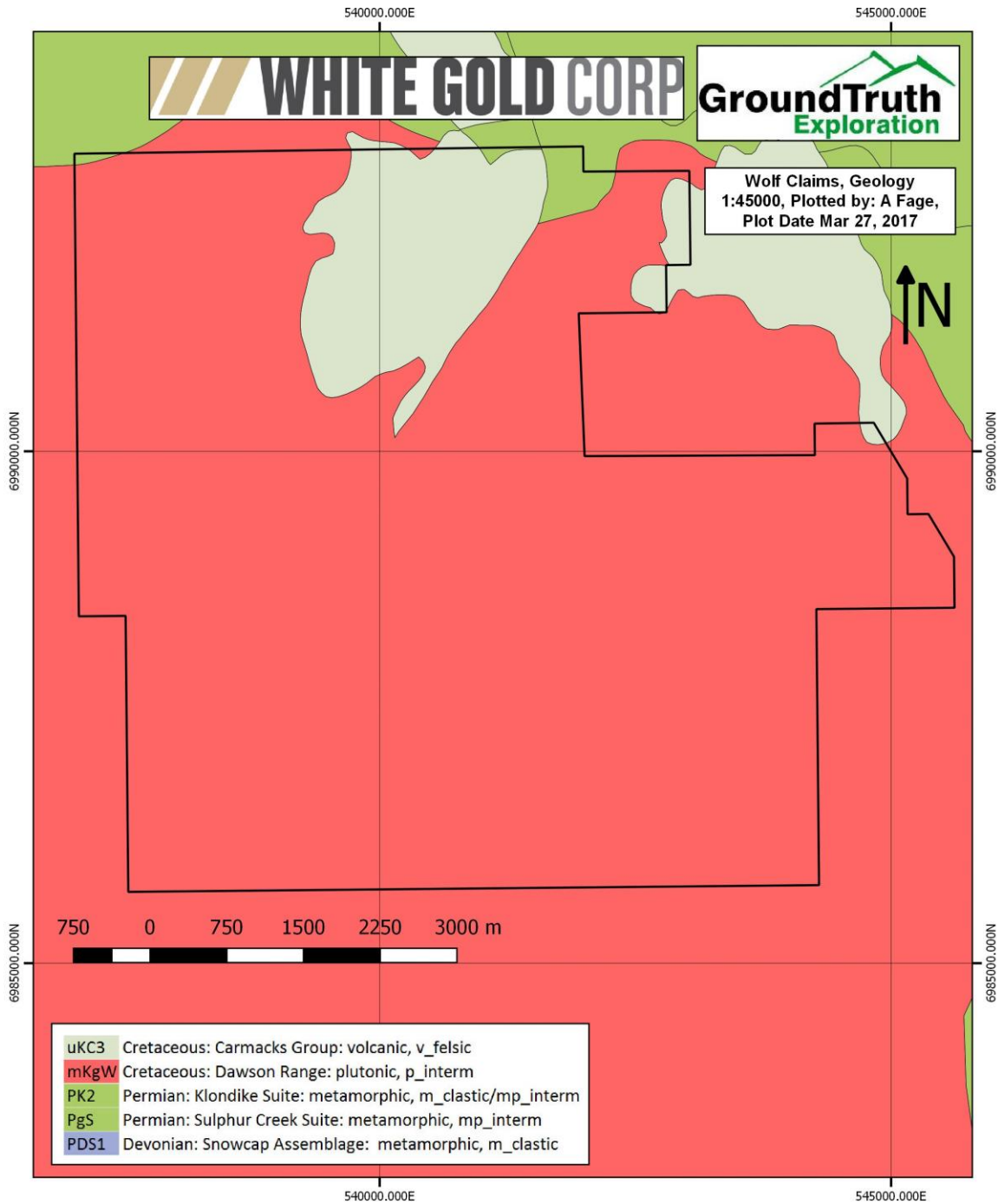


Figure 3: Regional Geology

6.0 2016 Exploration Field Program

6.1 Field Program Summary

This report summarizes the results of the geochemical soil sampling program conducted on the Wolf property during September of 2016. Soil sampling was contracted to Ground Truth Exploration Inc. of Dawson, YT. Soil Sampling was conducted on September 15, 2016. 333 soil samples were collected on this survey. The soil sampling program was designed as an infill grid on previously collected samples in order to confirm and better constrain previously defined trends.

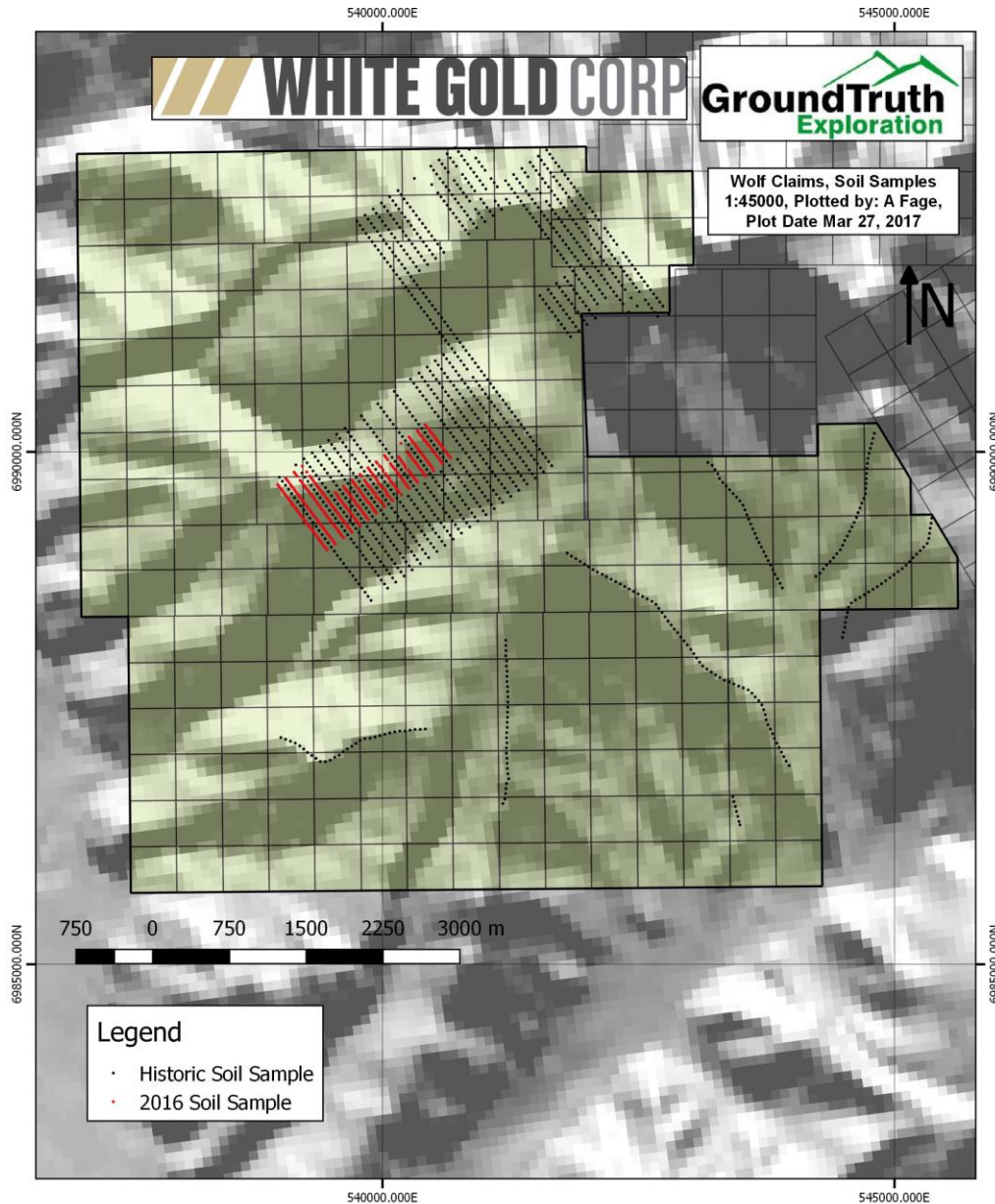


Figure 4: Location of 2016 soil samples

6.2 Sampling Protocol and Data Handling Procedures

Personnel

The survey was conducted by the following GroundTruth Exploration personnel:

1. Yoann Voyer	Foreman Soil Sampler
2. Mark Severinsen	Soil Sampler
3. Jack Tafaro	Soil Sampler
4. Nick Mackay	Soil Sampler
5. Nathan Watkinson	Soil Sampler
6. Ross Reed	Soil Sampler
7. Simon Cash	Soil Sampler
8. Brian Hyde	Soil Sampler
9. Dan Brown Hozjan	Soil Sampler
10. Grace Bisaro	Soil Sampler

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

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

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

Each night in the field, the GPS and data collection devices are downloaded to a laptop computer. The data is verified and mapped on a sampler-by-sampler basis in proprietary database auditing and mapping software. At the end of each day, the crew boss inspects all samples for size and consistency as a quality check. Each sampler then

repackages all samples for shipping- barcode scanning them as they are placed into a rice bag which is sealed with a barcoded security zip tie. Samples are shipped from the field to the lab on a regular basis, tracked by the unique ID on each security seal.

A backup of the sample data is made, copied onto a USB memory stick and kept in a separate location from the laptop computer until job completion. Where possible, a backup is also sent via e-mail.

6.3 Sample Preparation and Analysis

Samples were processed by Bureau Veritas Labs in Vancouver with Aqua Regia digestion and analyzed with ICP-MS for 36 elements (1DX-15 gram method). Samples are Dried at 60°C, sieved at -80 mesh.

6.4 Results

Maps of geochemical results are shown below. Thematic color maps are defined by 80th, 90th, 95th, 98th, and 99th percentile divisions for each element within the property.

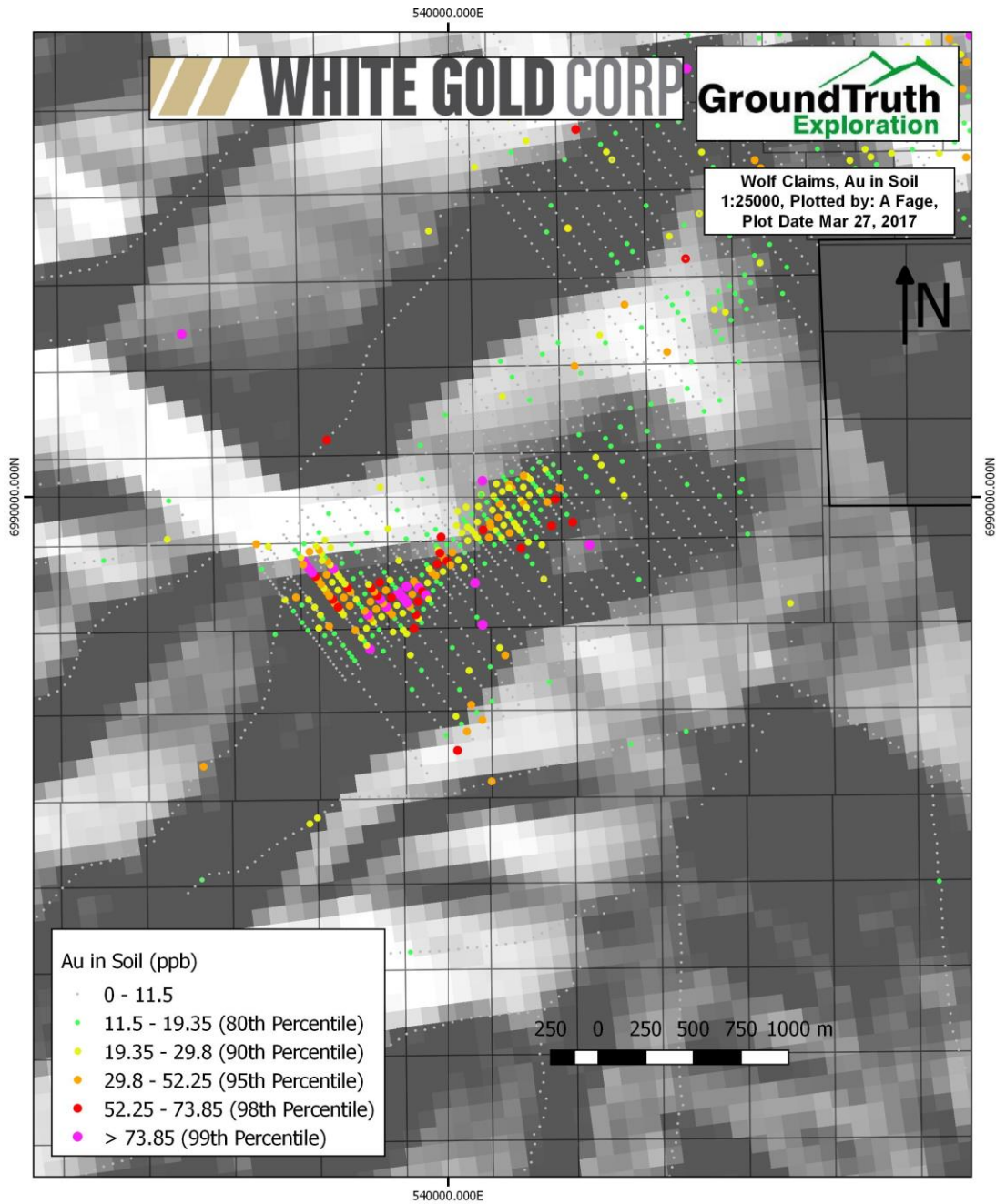


Figure 5: Au in soil

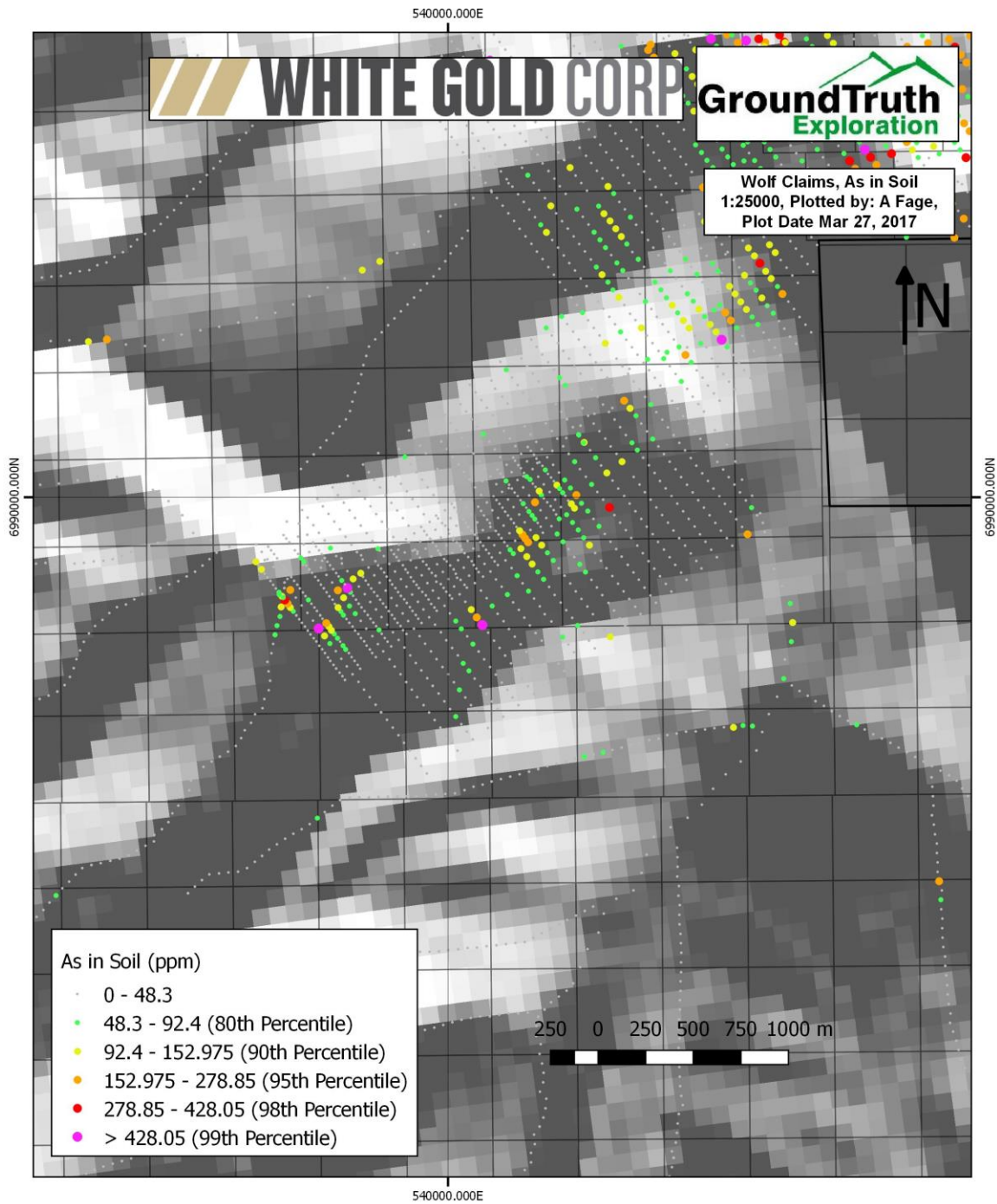


Figure 6: As in soil

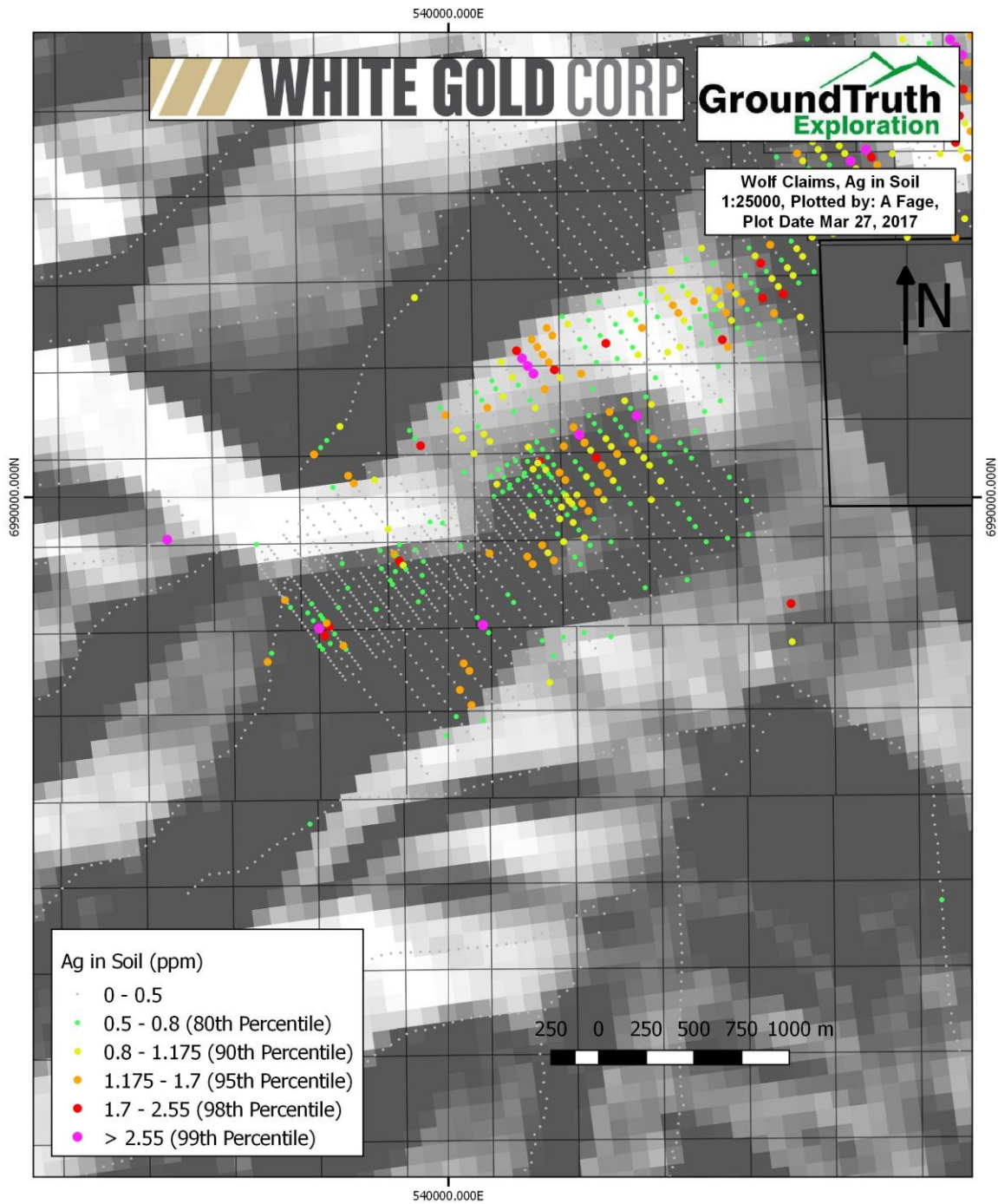


Figure 7: Ag in Soil

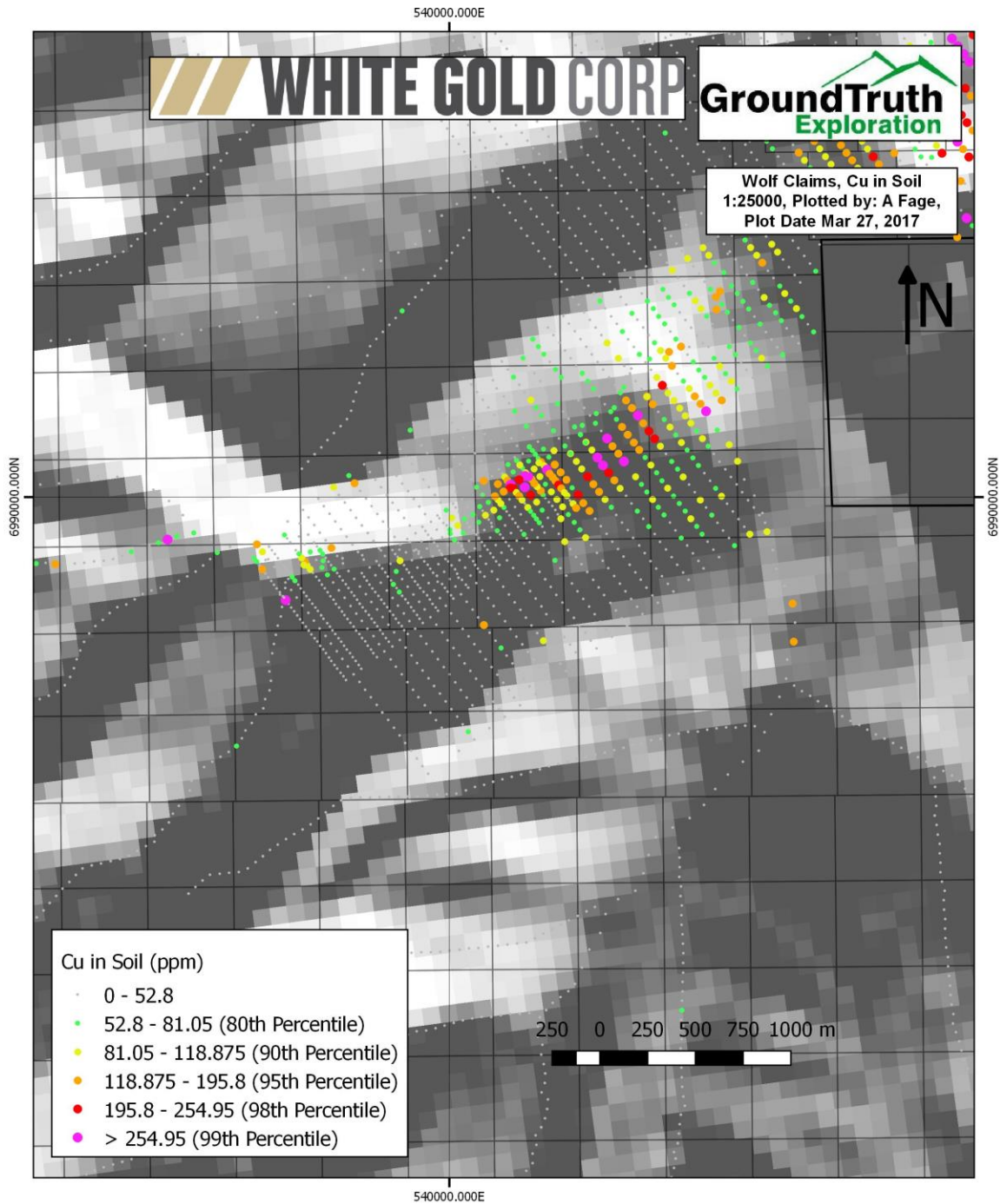


Figure 8: Cu in soil

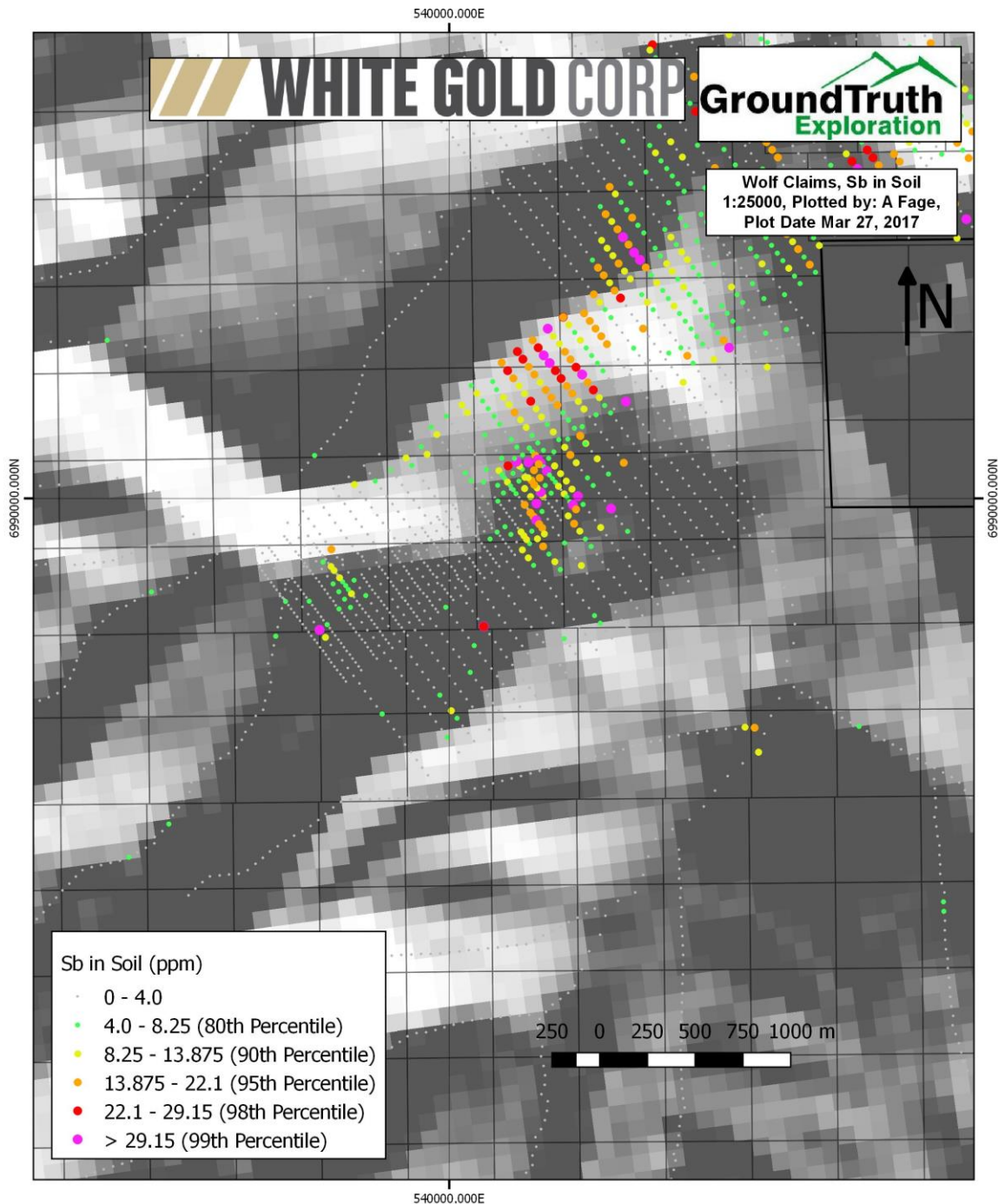


Figure 9: Sb in soil

6.5 Geological Mapping

Geological Mapping activities focused on follow-up prospecting of existing gold in soil anomalies. A total of 8 rock grab samples collected, but did not return any significant results. The soil anomaly appears to be associated with a strongly altered felsic volcanic unit with, locally, strongly disseminated pyrite (up to 5%). Based on the geochemical signature and regional geology the mineralization is likely related to adjacent Cretaceous aged intrusions.

Figure 10: Location of 2016 rock samples

6.6 Interpretation

Gold values in soil up to 235.6 ppb were observed in 2016 sampling. From combined historic and 2016 sampling, 30 samples in the survey (3913) had observed values over 73 ppb Au (99th percentile). Using Gold in soil values as the primary pathfinder, a linear, NorthEast trending, likely structurally controlled target has been identified. This target is hosted within the Carmacks volcanics proximal to the Dawson Range Batholith.

6.7 Recommendations

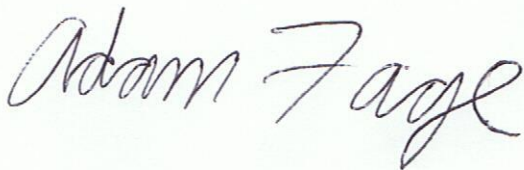
1. GT Probe sampling to obtain samples of mineralization beneath the main gold in soil anomaly at the Wolf Property.
2. An IP Resistivity crossing the trend of the main soil anomaly at Wolf. Assuming that the target is structurally controlled, this will pinpoint the surface trace and identify the dip of the structure.
3. Geological mapping over target areas to refine property geology and geological model for Wolf property deposit models.

7.0 Statement of Qualifications

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

Dated this 27th day of March, 2017.

Respectfully submitted
Adam Fage

A handwritten signature in black ink that reads "Adam Fage". The signature is written in a cursive, flowing style. The background of the signature is a light green rectangular area.

Appendix I: Statement of Work Expenditures

Wolf Project - 2 Day Soil Sampling + Geologic Mapping/Prospecting		
Shawn Ryan		
Box 213, Dawson City, YT Y0B 1G0		
867-336-4219		
September 15th & 27th		
GEOLOGIC MAPPING/PROJECT MANAGEMENT		
Geologist/Project Management	Amount	Description
Wages	\$ 1,430.00	1 day Senior Geo @\$880, 1 day Junior @\$550, Sept 27
Field Equipment/Electronics	\$ 160.00	
Sampling Supplies	\$ 12.00	
Program Prep, Mobe/Demobe Rate, Expediting	\$ -	
Reporting/Data Interpretation/Data Mangement	\$ 2,200.00	
Total Geologist/Project Management	\$ 3,802.00	
GEOCHEMICAL SURVEYS		
Soil/Till Survey	Amount	Description
Wages	\$ 4,070.00	10 man days on September 15
Soil Survey Equipment	\$ 690.00	
Program Prep, Mobe/Demobe Rate, Expediting	\$ 250.00	
Additional Supplies and Support	\$ 1,055.00	
Sampling Supplies	\$ 855.00	
Transportation Support	\$ 44.00	
Total Soil/Till Surveys	\$ 6,964.00	
LABORATORY ANALYSIS		
Soil/Till Samples	Amount	Description
Prep	\$ 861.84	342 soil samples, 8 rock samples
Sample Disposal	\$ 324.90	
Sample Analysis	\$ 3,751.74	
Total Soil Sample Analysis	\$ 4,938.48	
LOGISTICAL SUPPORT		
Helicopter	Amount	Description
ASTAR B2 and/or Jet Ranger (3hr minimum)	\$ 7,266.00	3.2 hours on Sept 15, 0.9 hours on Sept 27
Fixed Wing	Amount	Description
Islander, 206, Skyvan, etc.	\$ 1,481.04	2 flights on Sept 14 and 1 on Sept 16
Total Logistical Support	\$ 8,747.04	
OTHER/MISC		
Sampling Shipping	\$ 110.00	
Total Other/Misc	\$ 110.00	
Total Project Expenditures		\$ 32,008.00

Appendix II: Claim List

Claim	Grant	OWNER	Expiry	District
COAL 123	YE82123	Shawn Ryan - 100%	9/21/2017	Dawson
COAL 124	YE82124	Shawn Ryan - 100%	9/21/2017	Dawson
COAL 125	YE82125	Shawn Ryan - 100%	9/21/2017	Dawson
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COAL 667	YE82667	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 668	YE82668	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 669	YE82669	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 670	YE82670	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 671	YE82671	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 672	YE82672	Shawn Ryan - 100%	3/21/2018	Dawson

COAL 673	YE82673	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 674	YE82674	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 675	YE82675	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 676	YE82676	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 677	YE82677	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 678	YE82678	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 679	YE82679	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 680	YE82680	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 681	YE82681	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 682	YE82682	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 683	YE82683	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 684	YE82684	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 685	YE82685	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 686	YE82686	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 687	YE82687	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 688	YE82688	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 689	YE82689	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 690	YE82690	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 691	YE82691	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 693	YE82693	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 695	YE82695	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 697	YE82697	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 699	YE82699	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 701	YE82701	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 703	YE82703	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 704	YE82704	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 705	YE82705	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 706	YE82706	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 707	YE82707	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 708	YE82708	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 709	YE82709	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 710	YE82710	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 711	YE82711	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 712	YE82712	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 713	YE82713	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 714	YE82714	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 715	YE82715	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 716	YE82716	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 717	YE82717	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 718	YE82718	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 719	YE82719	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 720	YE82720	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 721	YE82721	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 722	YE82722	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 723	YE82723	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 724	YE82724	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 725	YE82725	Shawn Ryan - 100%	3/21/2018	Dawson

COAL 726	YE82726	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 739	YE82739	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 740	YE82740	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 741	YE82741	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 742	YE82742	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 743	YE82743	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 744	YE82744	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 745	YE82745	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 746	YE82746	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 747	YE82747	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 748	YE82748	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 749	YE82749	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 750	YE82750	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 751	YE82751	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 752	YE82752	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 753	YE82753	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 754	YE82754	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 755	YE82755	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 756	YE82756	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 757	YE82757	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 758	YE82758	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 759	YE82759	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 760	YE82760	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 761	YE82761	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 762	YE82762	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 803	YE82803	Shawn Ryan - 100%	3/21/2018	Dawson
COAL 804	YE82804	Shawn Ryan - 70%, Cathy Wood - 30%	3/21/2018	Dawson
FM 1	YC60800	Shawn Ryan - 100%	5/28/2017	Dawson
FM 2	YC60801	Shawn Ryan - 100%	5/28/2017	Dawson
FM 3	YC60802	Shawn Ryan - 100%	5/28/2017	Dawson
FM 4	YC60803	Shawn Ryan - 100%	5/28/2017	Dawson
FM 5	YC60804	Shawn Ryan - 100%	5/28/2017	Dawson
FM 6	YC60805	Shawn Ryan - 100%	5/28/2017	Dawson
FM 7	YC60806	Shawn Ryan - 100%	5/28/2017	Dawson
FM 8	YC60807	Shawn Ryan - 100%	5/28/2017	Dawson
FM 9	YC60808	Shawn Ryan - 100%	5/28/2017	Dawson
FM 10	YC60809	Shawn Ryan - 100%	5/28/2017	Dawson
FM 11	YC60810	Shawn Ryan - 100%	5/28/2017	Dawson
FM 12	YC60811	Shawn Ryan - 100%	5/28/2017	Dawson
FM 13	YC60812	Shawn Ryan - 100%	5/28/2017	Dawson
FM 14	YC60813	Shawn Ryan - 100%	5/28/2017	Dawson
FM 15	YC60814	Shawn Ryan - 100%	5/28/2017	Dawson
FM 16	YC60815	Shawn Ryan - 100%	5/28/2017	Dawson
FM 17	YC60816	Shawn Ryan - 100%	5/28/2017	Dawson
FM 18	YC60817	Shawn Ryan - 100%	5/28/2017	Dawson
FM 19	YC60818	Shawn Ryan - 100%	5/28/2017	Dawson
FM 20	YC60819	Shawn Ryan - 100%	5/28/2017	Dawson

FM 21	YC60820	Shawn Ryan - 100%	5/28/2017	Dawson
FM 22	YC60821	Shawn Ryan - 100%	5/28/2017	Dawson
FM 23	YC60822	Shawn Ryan - 100%	5/28/2017	Dawson
FM 24	YC60823	Shawn Ryan - 100%	5/28/2017	Dawson
FM 25	YC60824	Shawn Ryan - 100%	5/28/2017	Dawson
FM 26	YC60825	Shawn Ryan - 100%	5/28/2017	Dawson
FM 27	YC60826	Shawn Ryan - 100%	5/28/2017	Dawson
FM 28	YC60827	Shawn Ryan - 100%	5/28/2017	Dawson
FM 29	YC60828	Shawn Ryan - 100%	5/28/2017	Dawson
FM 30	YC60829	Shawn Ryan - 100%	5/28/2017	Dawson
FM 31	YC60830	Shawn Ryan - 100%	5/28/2017	Dawson
FM 32	YC60831	Shawn Ryan - 100%	5/28/2017	Dawson
FM 33	YC60832	Shawn Ryan - 100%	5/28/2017	Dawson
FM 34	YC60833	Shawn Ryan - 100%	5/28/2017	Dawson
FM 35	YC60834	Shawn Ryan - 100%	5/28/2017	Dawson
FM 36	YC60835	Shawn Ryan - 100%	5/28/2017	Dawson
FM 37	YC60836	Shawn Ryan - 100%	5/28/2017	Dawson
FM 38	YC60837	Shawn Ryan - 100%	5/28/2017	Dawson
FM 39	YC60838	Shawn Ryan - 100%	5/28/2017	Dawson
FM 40	YC60839	Shawn Ryan - 100%	5/28/2017	Dawson
FM 41	YC60840	Shawn Ryan - 100%	5/28/2017	Dawson
FM 42	YC60841	Shawn Ryan - 100%	5/28/2017	Dawson
FM 43	YC60842	Shawn Ryan - 100%	5/28/2017	Dawson
FM 44	YC60843	Shawn Ryan - 100%	5/28/2017	Dawson
FM 45	YC60844	Shawn Ryan - 100%	5/28/2017	Dawson
FM 46	YC60845	Shawn Ryan - 100%	5/28/2017	Dawson
FM 47	YC60846	Shawn Ryan - 100%	5/28/2017	Dawson
FM 48	YC60847	Shawn Ryan - 100%	5/28/2017	Dawson
FM 49	YC60848	Shawn Ryan - 100%	5/28/2017	Dawson
FM 50	YC60849	Shawn Ryan - 100%	5/28/2017	Dawson
FM 51	YC60850	Shawn Ryan - 100%	5/28/2017	Dawson
FM 52	YC60851	Shawn Ryan - 100%	5/28/2017	Dawson
FM 53	YC60852	Shawn Ryan - 100%	5/28/2017	Dawson
FM 54	YC60853	Shawn Ryan - 100%	5/28/2017	Dawson
FM 55	YC60854	Shawn Ryan - 100%	5/28/2017	Dawson
FM 56	YC60855	Shawn Ryan - 100%	5/28/2017	Dawson
FM 57	YC60856	Shawn Ryan - 100%	5/28/2017	Dawson
FM 58	YC60857	Shawn Ryan - 100%	5/28/2017	Dawson
FM 59	YC60858	Shawn Ryan - 100%	5/28/2017	Dawson
FM 60	YC60859	Shawn Ryan - 100%	5/28/2017	Dawson
FM 61	YC60860	Shawn Ryan - 100%	5/28/2017	Dawson
FM 62	YC60861	Shawn Ryan - 100%	5/28/2017	Dawson
FM 63	YC60862	Shawn Ryan - 100%	5/28/2017	Dawson
FM 64	YC60863	Shawn Ryan - 100%	5/28/2017	Dawson
FM 65	YC60864	Shawn Ryan - 100%	5/28/2017	Dawson
FM 66	YC60865	Shawn Ryan - 100%	5/28/2017	Dawson
FM 67	YC60866	Shawn Ryan - 100%	5/28/2017	Dawson

FM 68	YC60867	Shawn Ryan - 100%	5/28/2017	Dawson
FM 69	YC60868	Shawn Ryan - 100%	5/28/2017	Dawson
FM 70	YC60869	Shawn Ryan - 100%	5/28/2017	Dawson
FM 71	YC60870	Shawn Ryan - 100%	5/28/2017	Dawson
FM 72	YC60871	Shawn Ryan - 100%	5/28/2017	Dawson
FM 73	YC60872	Shawn Ryan - 100%	5/28/2017	Dawson
FM 74	YC60873	Shawn Ryan - 100%	5/28/2017	Dawson
FM 75	YC60874	Shawn Ryan - 100%	5/28/2017	Dawson
FM 76	YC60875	Shawn Ryan - 100%	5/28/2017	Dawson
FM 77	YC60876	Shawn Ryan - 100%	5/28/2017	Dawson
FM 78	YC60877	Shawn Ryan - 100%	5/28/2017	Dawson
FM 79	YC60878	Shawn Ryan - 100%	5/28/2017	Dawson
FM 80	YC60879	Shawn Ryan - 100%	5/28/2017	Dawson
FM 81	YC60880	Shawn Ryan - 100%	5/28/2017	Dawson
FM 82	YC60881	Shawn Ryan - 100%	5/28/2017	Dawson
FM 83	YC60882	Shawn Ryan - 100%	5/28/2017	Dawson
FM 84	YC60883	Shawn Ryan - 100%	5/28/2017	Dawson
FM 85	YC60884	Shawn Ryan - 100%	5/28/2017	Dawson
FM 86	YC60885	Shawn Ryan - 100%	5/28/2017	Dawson
FM 87	YC60886	Shawn Ryan - 100%	5/28/2017	Dawson
FM 88	YC60887	Shawn Ryan - 100%	5/28/2017	Dawson
FM 89	YC60888	Shawn Ryan - 100%	5/28/2017	Dawson
FM 90	YC60889	Shawn Ryan - 100%	5/28/2017	Dawson
FM 91	YC60890	Shawn Ryan - 100%	5/28/2017	Dawson
FM 92	YC60891	Shawn Ryan - 100%	5/28/2017	Dawson
FM 93	YC60892	Shawn Ryan - 100%	5/28/2017	Dawson
FM 94	YC60893	Shawn Ryan - 100%	5/28/2017	Dawson
FM 95	YC60894	Shawn Ryan - 100%	5/28/2017	Dawson
FM 96	YC60895	Shawn Ryan - 100%	5/28/2017	Dawson
FM 97	YC60896	Shawn Ryan - 100%	5/28/2017	Dawson
FM 98	YC60897	Shawn Ryan - 100%	5/28/2017	Dawson
FM 99	YC60898	Shawn Ryan - 100%	5/28/2017	Dawson
FM 100	YC60899	Shawn Ryan - 100%	5/28/2017	Dawson
FM 101	YC60900	Shawn Ryan - 100%	5/28/2017	Dawson
FM 102	YC60901	Shawn Ryan - 100%	5/28/2017	Dawson
FM 103	YC60902	Shawn Ryan - 100%	5/28/2017	Dawson
FM 104	YC60903	Shawn Ryan - 100%	5/28/2017	Dawson
FM 105	YC60904	Shawn Ryan - 100%	5/28/2017	Dawson
FM 106	YC60905	Shawn Ryan - 100%	5/28/2017	Dawson
FM 107	YC60906	Shawn Ryan - 100%	5/28/2017	Dawson
FM 108	YC60907	Shawn Ryan - 100%	5/28/2017	Dawson
FM 109	YC60908	Shawn Ryan - 100%	5/28/2017	Dawson
FM 110	YC60909	Shawn Ryan - 100%	5/28/2017	Dawson
FM 111	YC60910	Shawn Ryan - 100%	5/28/2017	Dawson
FM 112	YC60911	Shawn Ryan - 100%	5/28/2017	Dawson
FM 113	YC60912	Shawn Ryan - 100%	5/28/2017	Dawson
FM 114	YC60913	Shawn Ryan - 100%	5/28/2017	Dawson

FM 115	YC60914	Shawn Ryan - 100%	5/28/2017	Dawson
FM 116	YC60915	Shawn Ryan - 100%	5/28/2017	Dawson
FM 117	YC60916	Shawn Ryan - 100%	5/28/2017	Dawson
FM 118	YC60917	Shawn Ryan - 100%	5/28/2017	Dawson
FM 119	YC60918	Shawn Ryan - 100%	5/28/2017	Dawson
FM 120	YC60919	Shawn Ryan - 100%	5/28/2017	Dawson
FM 121	YC60920	Shawn Ryan - 100%	5/28/2017	Dawson
FM 122	YC60921	Shawn Ryan - 100%	5/28/2017	Dawson
FM 123	YC60922	Shawn Ryan - 100%	5/28/2017	Dawson
FM 124	YC60923	Shawn Ryan - 100%	5/28/2017	Dawson
FM 125	YC60924	Shawn Ryan - 100%	5/28/2017	Dawson
FM 126	YC60925	Shawn Ryan - 100%	5/28/2017	Dawson
FM 127	YC60926	Shawn Ryan - 100%	5/28/2017	Dawson
FM 128	YC60927	Shawn Ryan - 100%	5/28/2017	Dawson
FM 129	YC60928	Shawn Ryan - 100%	5/28/2017	Dawson
FM 130	YC60929	Shawn Ryan - 100%	5/28/2017	Dawson
FM 131	YC60930	Shawn Ryan - 100%	5/28/2017	Dawson
FM 132	YC60931	Shawn Ryan - 100%	5/28/2017	Dawson
FM 133	YC60932	Shawn Ryan - 100%	5/28/2017	Dawson
FM 134	YC60933	Shawn Ryan - 100%	5/28/2017	Dawson
FM 135	YC60934	Shawn Ryan - 100%	5/28/2017	Dawson
FM 136	YC60935	Shawn Ryan - 100%	5/28/2017	Dawson
FM 137	YC60936	Shawn Ryan - 100%	5/28/2017	Dawson
FM 139	YC60938	Shawn Ryan - 100%	5/28/2017	Dawson
FM 141	YC60940	Shawn Ryan - 100%	5/28/2017	Dawson
FM 143	YC60942	Shawn Ryan - 100%	5/28/2017	Dawson
FM 145	YC60944	Shawn Ryan - 100%	5/28/2017	Dawson
FM 147	YC60946	Shawn Ryan - 100%	5/28/2017	Dawson
FM 149	YC60948	Shawn Ryan - 100%	5/28/2017	Dawson
FM 151	YC60950	Shawn Ryan - 100%	5/28/2017	Dawson
FM 153	YC60952	Shawn Ryan - 100%	5/28/2017	Dawson
FM 155	YC60954	Shawn Ryan - 100%	5/28/2017	Dawson
FM 157	YC60956	Shawn Ryan - 100%	5/28/2017	Dawson
FM 158	YC60957	Shawn Ryan - 100%	5/28/2017	Dawson
FM 159	YC60958	Shawn Ryan - 100%	5/28/2017	Dawson
FM 160	YC60959	Shawn Ryan - 100%	5/28/2017	Dawson
FM 161	YC60960	Shawn Ryan - 100%	5/28/2017	Dawson
FM 162	YC60961	Shawn Ryan - 100%	5/28/2017	Dawson
FM 163	YC60962	Shawn Ryan - 100%	5/28/2017	Dawson
FM 164	YC60963	Shawn Ryan - 100%	5/28/2017	Dawson
FM 165	YC60964	Shawn Ryan - 100%	5/28/2017	Dawson
FM 166	YC60965	Shawn Ryan - 100%	5/28/2017	Dawson
FM 167	YC60966	Shawn Ryan - 100%	5/28/2017	Dawson
FM 168	YC60967	Shawn Ryan - 100%	5/28/2017	Dawson
FM 169	YC60968	Shawn Ryan - 100%	5/28/2017	Dawson
FM 170	YC60969	Shawn Ryan - 100%	5/28/2017	Dawson
FM 171	YC60970	Shawn Ryan - 100%	5/28/2017	Dawson

FM 172	YC60971	Shawn Ryan - 100%	5/28/2017	Dawson
FM 173	YC60972	Shawn Ryan - 100%	5/28/2017	Dawson
FM 174	YC60973	Shawn Ryan - 100%	5/28/2017	Dawson
FM 175	YC60974	Shawn Ryan - 70%, Cathy Wood - 30%	5/28/2017	Dawson
FM 176	YC60975	Shawn Ryan - 100%	5/28/2017	Dawson
Og 1	YC25491	Shawn Ryan - 100%	3/20/2020	Dawson
Og 2	YC25492	Shawn Ryan - 100%	3/20/2020	Dawson
Og 3	YC25493	Shawn Ryan - 100%	3/20/2020	Dawson
Og 4	YC25494	Shawn Ryan - 100%	3/20/2020	Dawson
Og 5	YC25495	Shawn Ryan - 100%	3/20/2020	Dawson
Og 6	YC25496	Shawn Ryan - 100%	3/20/2020	Dawson
Og 7	YC25497	Shawn Ryan - 100%	3/20/2020	Dawson
Og 8	YC25498	Shawn Ryan - 100%	3/20/2020	Dawson
Og 9	YC25499	Shawn Ryan - 100%	3/20/2020	Dawson
Og 10	YC25500	Shawn Ryan - 100%	3/20/2020	Dawson
Og 11	YC25501	Shawn Ryan - 100%	3/20/2020	Dawson
Og 12	YC25502	Shawn Ryan - 100%	3/20/2020	Dawson
OG 13	YC43582	Shawn Ryan - 100%	3/20/2017	Dawson
OG 14	YC43583	Shawn Ryan - 100%	3/20/2017	Dawson
OG 15	YC43584	Shawn Ryan - 100%	3/20/2017	Dawson
OG 16	YC43585	Shawn Ryan - 100%	3/20/2017	Dawson
OG 17	YC43586	Shawn Ryan - 100%	3/20/2017	Dawson
OG 18	YC43587	Shawn Ryan - 100%	3/20/2017	Dawson
OG 19	YC43588	Shawn Ryan - 100%	3/20/2017	Dawson
OG 20	YC43589	Shawn Ryan - 100%	3/20/2017	Dawson
OG 21	YC43590	Shawn Ryan - 100%	3/20/2017	Dawson
OG 22	YC43591	Shawn Ryan - 100%	3/20/2017	Dawson
OG 23	YC43592	Shawn Ryan - 100%	3/20/2017	Dawson
OG 24	YC43593	Shawn Ryan - 100%	3/20/2017	Dawson
OG 25	YC43594	Shawn Ryan - 100%	3/20/2017	Dawson
OG 26	YC43595	Shawn Ryan - 100%	3/20/2017	Dawson
OG 27	YC43596	Shawn Ryan - 100%	3/20/2017	Dawson
OG 28	YC43597	Shawn Ryan - 100%	3/20/2017	Dawson
OG 29	YC43598	Shawn Ryan - 100%	3/20/2017	Dawson
OG 30	YC43599	Shawn Ryan - 100%	3/20/2017	Dawson
Og 31	YC44737	Shawn Ryan - 100%	3/23/2017	Dawson
Og 32	YC44738	Shawn Ryan - 100%	3/23/2017	Dawson
Og 33	YC44739	Shawn Ryan - 100%	3/23/2017	Dawson
Og 34	YC44740	Shawn Ryan - 100%	3/23/2017	Dawson
Og 35	YC44741	Shawn Ryan - 100%	3/23/2017	Dawson
Og 36	YC44742	Shawn Ryan - 100%	3/23/2017	Dawson
Oz 1	YC35959	Shawn Ryan - 100%	6/2/2019	Dawson
Oz 2	YC35960	Shawn Ryan - 100%	6/2/2019	Dawson
Oz 3	YC35961	Shawn Ryan - 100%	6/2/2019	Dawson
Oz 4	YC35962	Shawn Ryan - 100%	6/2/2019	Dawson
Oz 5	YC35963	Shawn Ryan - 100%	6/2/2019	Dawson
Oz 6	YC35964	Shawn Ryan - 100%	6/2/2019	Dawson

Oz 7	YC35965	Shawn Ryan - 100%	6/2/2019	Dawson
Oz 8	YC35966	Shawn Ryan - 100%	6/2/2019	Dawson
Oz 9	YC35967	Shawn Ryan - 100%	6/2/2019	Dawson
Oz 10	YC35968	Shawn Ryan - 100%	6/2/2019	Dawson
Oz 11	YC35969	Shawn Ryan - 100%	6/2/2019	Dawson
Oz 12	YC35970	Shawn Ryan - 100%	6/2/2019	Dawson
Oz 13	YC35971	Shawn Ryan - 100%	6/2/2019	Dawson
Oz 14	YC35972	Shawn Ryan - 100%	6/2/2019	Dawson
OZ 15	YD130445	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 16	YD130446	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 17	YD130447	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 18	YD130448	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 19	YD130449	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 20	YD130450	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 21	YD130451	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 22	YD130452	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 23	YD130453	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 24	YD130454	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 25	YD130455	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 26	YD130456	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 27	YD130457	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 28	YD130458	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 29	YD130459	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 30	YD130460	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 31	YD130461	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 32	YD130462	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 33	YD130463	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 34	YD130464	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 35	YD130465	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 36	YD130466	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 37	YD130467	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 38	YD130468	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 39	YD130469	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 40	YD130470	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 41	YD130471	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 42	YD130472	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 43	YD130473	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 44	YD130474	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 45	YD130475	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 46	YD130476	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 47	YD130477	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 48	YD130478	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 49	YD130479	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 50	YD130480	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 51	YD130481	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 52	YD130482	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 53	YD130483	Shawn Ryan - 100%	3/9/2019	Dawson

OZ 54	YD130484	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 55	YD130485	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 56	YD130486	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 57	YD130487	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 58	YD130488	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 59	YD130489	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 60	YD130490	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 61	YD130491	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 62	YD130492	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 63	YD130493	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 64	YD130494	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 65	YD130495	Shawn Ryan - 100%	3/9/2019	Dawson
OZ 66	YD130496	Shawn Ryan - 100%	3/9/2019	Dawson
UG 1	YC43600	Shawn Ryan - 100%	3/23/2017	Dawson
UG 2	YC43601	Shawn Ryan - 100%	3/23/2017	Dawson
UG 3	YC43602	Shawn Ryan - 100%	3/23/2017	Dawson
UG 4	YC43603	Shawn Ryan - 100%	3/23/2017	Dawson
UG 5	YC43604	Shawn Ryan - 100%	3/23/2017	Dawson
UG 6	YC43605	Shawn Ryan - 100%	3/23/2017	Dawson
UG 7	YC43606	Shawn Ryan - 100%	3/23/2017	Dawson
UG 8	YC43607	Shawn Ryan - 100%	3/23/2017	Dawson
UG 9	YC43608	Shawn Ryan - 100%	3/23/2017	Dawson
UG 10	YC43609	Shawn Ryan - 100%	3/23/2017	Dawson
UG 11	YC43610	Shawn Ryan - 100%	3/23/2017	Dawson
UG 12	YC43611	Shawn Ryan - 100%	3/23/2017	Dawson
UG 13	YC43612	Shawn Ryan - 100%	3/23/2017	Dawson
UG 14	YC43613	Shawn Ryan - 100%	3/23/2017	Dawson
UG 15	YC43614	Shawn Ryan - 100%	3/23/2017	Dawson
UG 16	YC43615	Shawn Ryan - 100%	3/23/2017	Dawson
UG 17	YC43616	Shawn Ryan - 100%	3/23/2017	Dawson
UG 18	YC43617	Shawn Ryan - 100%	3/23/2017	Dawson

Appendix III:

Soil Sample Data

sample_id	project_id	utm_zone	utm_eastin	utm_northi	elevation_	longitude	latitude	sample_dat	technician	colour	texture	moisture	site_slope
1457273	WLF	07N	539939	6989557	967	-140.2105971	63.0334106	9/15/2016	Nathan Watkinson NW01	Light Brown	Sand	Damp	Pronounced Slope
1457274	WLF	07N	539935	6989588	960	-140.2106652	63.0336896	9/15/2016	Nathan Watkinson NW01	Light Brown	Sand	Damp	Pronounced Slope
1457275	WLF	07N	539935	6989588	960	-140.2106652	63.0336896	9/15/2016	Nathan Watkinson NW01	Light Brown	Sand	Damp	Pronounced Slope
1457276	WLF	07N	539915	6989604	960	-140.2110566	63.0338354	9/15/2016	Nathan Watkinson NW01	Light Brown	Silt	Damp	Pronounced Slope
1457277	WLF	07N	539900	6989625	965	-140.2113479	63.03402551	9/15/2016	Nathan Watkinson NW01	Light Brown	Silt	Damp	Subtle Slope
1457278	WLF	07N	539887	6989646	967	-140.2115998	63.0342154	9/15/2016	Nathan Watkinson NW01	Light Brown	Silt	Damp	Subtle Slope
1457279	WLF	07N	539869	6989664	971	-140.2119511	63.03437892	9/15/2016	Nathan Watkinson NW01	Light Brown	Silt	Damp	Pronounced Slope
1457280	WLF	07N	539853	6989684	971	-140.2122625	63.03456017	9/15/2016	Nathan Watkinson NW01	Light Brown	Silt	Damp	Subtle Slope
1457281	WLF	07N	539839	6989704	967	-140.2125344	63.0347412	9/15/2016	Nathan Watkinson NW01	Dark Brown	Silt	Damp	Subtle Slope
1457282	WLF	07N	539826	6989725	971	-140.2127862	63.03493109	9/15/2016	Nathan Watkinson NW01	Dark Brown	Silt	Damp	Subtle Slope
1457283	WLF	07N	539794	6989765	967	-140.213409	63.03529358	9/15/2016	Nathan Watkinson NW01	Dark Brown	Silt	Damp	Subtle Slope
1457283	WLF	07N	539794	6989765	967	-140.213409	63.03529358	9/15/2016	Nathan Watkinson NW01	Dark Brown	Silt	Damp	Subtle Slope
1457284	WLF	07N	539780	6989781	962	-140.2136818	63.03543871	9/15/2016	Nathan Watkinson NW01	Dark Grey Black	Sand	Damp	Subtle Slope
1456001	WLF	07N	540419	6990264	1019	-140.2009337	63.03970261	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456001	WLF	07N	540419	6990264	1019	-140.2009337	63.03970261	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456002	WLF	07N	540435	6990244	1021	-140.2006223	63.03952134	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456003	WLF	07N	540451	6990224	1023	-140.200311	63.03934007	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456004	WLF	07N	540465	6990203	1027	-140.2000394	63.03915004	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456005	WLF	07N	540480	6990184	1029	-140.1997476	63.03897785	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456006	WLF	07N	540496	6990165	1022	-140.199436	63.03880555	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456007	WLF	07N	540511	6990144	1020	-140.1991447	63.03861542	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456008	WLF	07N	540525	6990123	1024	-140.1988731	63.03842539	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456009	WLF	07N	540541	6990104	1019	-140.1985615	63.03825309	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456010	WLF	07N	540556	6990085	1013	-140.1982697	63.03808089	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456011	WLF	07N	540572	6990064	1014	-140.1979586	63.03789064	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456012	WLF	07N	540586	6990046	1019	-140.1976864	63.03772753	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456013	WLF	07N	540602	6990024	1002	-140.1973755	63.03752831	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456014	WLF	07N	540616	6990008	1002	-140.1971028	63.03738315	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456015	WLF	07N	540631	6989983	986	-140.1968125	63.03715711	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456016	WLF	07N	540648	6989966	998	-140.1964806	63.03700264	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456017	WLF	07N	540664	6989943	984	-140.1961701	63.03679443	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456018	WLF	07N	540584	6989887	976	-140.1977651	63.03630084	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456019	WLF	07N	540568	6989910	962	-140.1980757	63.03650904	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456020	WLF	07N	540555	6989933	980	-140.198327	63.0367169	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456021	WLF	07N	540539	6989954	978	-140.198638	63.03690716	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456022	WLF	07N	540521	6989974	992	-140.1989889	63.03708866	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456023	WLF	07N	540503	6989995	997	-140.1993332	63.0372828	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456024	WLF	07N	540491	6990012	1006	-140.1995725	63.03743304	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Pronounced Slope
1456025	WLF	07N	540490	6990011	1014	-140.1995878	63.0374723	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Pronounced Slope
1456026	WLF	07N	540479	6990033	999	-140.1998045	63.03762284	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456027	WLF	07N	540460	6990055	1006	-140.2001747	63.0378224	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Dry	Subtle Slope
1456028	WLF	07N	540445	6990072	1010	-140.200467	63.03797663	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456029	WLF	07N	540431	6990094	1007	-140.2007383	63.03817563	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456030	WLF	07N	540413	6990109	1007	-140.2010904	63.03831226	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456031	WLF	07N	540399	6990128	1003	-140.2013625	63.03848433	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Dry	Subtle Slope
1456032	WLF	07N	540383	6990153	999	-140.2016726	63.03871047	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456033	WLF	07N	540369	6990169	998	-140.2019454	63.03885562	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456034	WLF	07N	540352	6990192	994	-140.2022758	63.03906393	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456035	WLF	07N	540342	6990209	1009	-140.2024693	63.03921761	9/15/2016	Nick McKay NM01	Chocolate Brown	Sand	Damp	Subtle Slope
1456252	WLF	07N	540260	6990146	977	-140.2041056	63.03866134	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Subtle Slope
1456253	WLF	07N	540276	6990124	983	-140.2037947	63.03846213	9/15/2016	Ross Reed RR02	Chocolate Brown	Sand	Damp	Subtle Slope
1456254	WLF	07N	540290	6990106	990	-140.2035224	63.03829903	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Subtle Slope

sample_id	depth	horizon	site_veget	ground_cov	quality	note1	note2	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm
1457273	20	C	Birch Forest	Leaf Cover	Good			2.5	16.2	22.3	57	0.3	16.5	7.6
1457274	20	B	Birch Forest	Leaf Cover	Good	Fine	Small Sample	2.5	18.4	16.8	52	0.4	16.1	7.4
1457275	20	B	Birch Forest	Leaf Cover	Good	Fine	Small Sample	2.2	21.3	19.1	53	0.5	14.4	7.9
1457276	20	B	Birch Forest	Leaf Cover	Good	Rocky Sample		1.8	35.9	19.8	73	0.3	19.4	12.6
1457277	40	B	Birch Forest	Leaf Cover	Good			1.6	24.7	13	48	0.2	20.1	7.8
1457278	40	B	Birch Forest	Leaf Cover	Good			4.8	31.4	16.7	49	0.4	18.7	9.2
1457279	40	B	Birch Forest	Leaf Cover	Good			3	31.6	26.3	73	0.8	11.9	6.1
1457280	40	B	Birch Forest	Leaf Cover	Good			0.8	17.6	16.7	57	0.1	13.9	6.8
1457281	40	B	Birch Forest	Sphagnum Moss < 30cm	Good			1.5	16.2	43.7	64	0.4	22.3	9.8
1457282	30	B	Birch Forest	Sphagnum Moss < 30cm	Good			1.4	27.7	17.3	56	0.7	31.8	12.8
1457283	60	B	Black Spruce	Thin Moss Cover	Good			0.8	37	26.1	57	0.2	36.2	10.9
1457283	60	B	Black Spruce	Thin Moss Cover	Good			0.8	37.3	26	58	0.2	36.7	10.6
1457284	20	B	Black Spruce	Sphagnum Moss < 30cm	Poor			1.3	31.4	14.1	49	0.2	20.2	6.9
1456001	40	C	Birch Forest	Thin Moss Cover	Good	Clay	Coarse	10.2	58.4	36.4	61	0.9	23	11.3
1456001	40	C	Birch Forest	Thin Moss Cover	Good	Clay	Coarse	9.7	58	35.1	63	0.9	22.5	11.5
1456002	40	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Coarse	8.8	69.1	32.9	63	0.7	25.2	11.4
1456003	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Coarse	4.9	63.7	26.9	62	0.2	23.3	11.5
1456004	30	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Coarse	3.8	62.3	23.1	61	0.4	24.4	12.8
1456005	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Clay	Coarse	4.8	159.5	27.7	75	2.2	27.1	10.8
1456006	30	C	Dwarf Birch	Leaf Cover	Good	Clay	Coarse	3.6	100	29.3	66	0.8	26.8	12.4
1456007	40	C	Dwarf Birch	Leaf Cover	Good	Clay	Coarse	9.7	324.6	30.8	74	0.9	11.7	7.9
1456008	40	C	Dwarf Birch	Leaf Cover	Good	Clay	Coarse	3.6	128.6	25.8	61	0.6	18.2	9.6
1456009	40	C	Dwarf Birch	Leaf Cover	Good	Clay	Coarse	3.1	148.2	20.7	64	0.6	21.7	8.7
1456010	40	C	Black Spruce	Burnt Moss	Good	Clay	Coarse	5.8	189.5	22.6	71	0.4	16.1	8.6
1456011	50	C	Birch Forest	Leaf Cover	Excellent	Clay	Coarse	10.7	198.6	37.2	76	0.4	12.7	9.1
1456012	30	C	Dwarf Birch	Leaf Cover	Good	Clay	Coarse	6.5	136.5	26.7	70	0.5	20.5	12.1
1456013	40	C	Birch Forest	Leaf Cover	Good	Clay	Coarse	4.2	88.9	21.2	76	0.7	20.1	10.6
1456014	40	C	Birch Forest	Leaf Cover	Good	Clay	Coarse	6.2	87	17.5	68	1	16.6	13.1
1456015	30	B	Birch Forest	Leaf Cover	Good	Clay	Rocky Terrain	6.1	48.5	15.6	49	0.9	10.4	7.5
1456016	40	B	Birch Forest	Leaf Cover	Good	Clay	Rocky Terrain	13.9	96.8	19.8	69	1	15.6	8.1
1456017	30	B	Birch Forest	Leaf Cover	Good	Clay	Rocky Terrain	12.5	123.4	30.6	83	0.8	15.9	10.8
1456018	30	B	Birch Forest	Leaf Cover	Good	Clay	Rocky Terrain	5.4	93.3	24.2	65	1	12.9	13.7
1456019	30	B	Birch Forest	Leaf Cover	Poor	Clay	Rocky Terrain	4	37.3	23.9	64	0.3	14.4	8.5
1456020	30	B	Black Spruce	Leaf Cover	Good	Clay	Rocky Terrain	3.1	39	19	57	0.3	11.9	6.4
1456021	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	Coarse	2.4	25.1	22.8	43	0.5	7.9	15.9
1456022	30	B	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky Terrain	3.7	36.9	18.9	66	0.7	17.7	13.7
1456023	30	B	Dwarf Birch	Leaf Cover	Good	Clay	Rocky Terrain	3.6	52.1	26.5	61	0.3	13.7	6.5
1456024	30	C	Dwarf Birch	Leaf Cover	Good	Clay	Coarse	3.5	64.2	34	65	0.2	11.8	8.1
1456025	30	C	Dwarf Birch	Leaf Cover	Good	Clay	Coarse	3.5	61.4	33.5	64	0.2	11.4	7.7
1456026	30	B	Dwarf Birch	Thin Moss Cover	Good	Clay	Coarse	5.8	163.4	29	58	0.8	13.6	12.9
1456027	40	B	Dwarf Birch	Bare Soil	Good	Clay	Coarse	3.5	98.2	24.1	53	0.7	18.2	8.7
1456028	30	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Coarse	6.2	183.6	37.3	56	0.3	11.1	9.2
1456029	40	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Coarse	6.6	188.5	26.9	57	0.5	20.1	14.2
1456030	50	C	Dwarf Birch	Bare Soil	Excellent	Clay	Coarse	10.5	315.1	21.8	44	0.3	7.3	8.6
1456031	30	C	Dwarf Birch	Bare Soil	Good	Clay	Coarse	2.5	82.1	12.4	34	0.7	9.5	4.7
1456032	30	C	Dwarf Birch	Grass Cover	Good	Clay	Coarse	2.9	71.5	20.2	63	0.3	23.8	12.3
1456033	40	C	Dwarf Birch	Grass Cover	Excellent	Clay	Coarse	3.7	85.1	30.1	68	0.4	25.6	10.2
1456034	40	C	Dwarf Birch	Grass Cover	Good	Clay	Coarse	8.8	59.2	26.4	65	0.6	21	10.1
1456035	40	C	Dwarf Birch	Leaf Cover	Good	Clay	Coarse	7.6	33	25.5	56	0.3	22.3	9.3
1456252	80	C	Birch Forest	Leaf Cover	Good	Sandy		5.1	45.9	23.7	53	0.8	24.5	9.5
1456253	60	C	Dwarf Birch	Thin Moss Cover	Excellent			4.4	40.2	18.9	52	0.2	18.7	7.2
1456254	100	C	Dwarf Birch	Thin Moss Cover	Good	Sandy		9.4	87	25.1	64	0.6	23.3	9.5

sample_id	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	ca_pct	p_pct	la_ppm	cr_ppm	mg_pct	ti_pct	ba_ppm
1457273	242	2.98	19.3	1.2	19.3	3.3	24	0.2	0.6	73	0.9	0.26	0.051	7	33	0.64	0.108	83
1457274	197	2.85	13.8	1.5	33.7	2.6	23	0.3	0.5	67	0.6	0.26	0.05	8	32	0.53	0.089	85
1457275	177	2.6	14.7	1.6	31.2	3	29	0.4	0.5	66	0.7	0.25	0.055	9	29	0.5	0.101	111
1457276	316	2.91	15.8	2.4	39.3	4.1	38	0.9	0.8	69	0.5	0.31	0.064	14	32	0.56	0.107	105
1457277	215	2.73	9.7	1.2	29.8	3.7	26	0.2	0.4	66	0.3	0.35	0.047	10	34	0.62	0.097	101
1457278	234	3.45	15.9	0.9	13.8	2.7	26	0.2	0.7	76	0.4	0.27	0.032	7	35	0.5	0.085	120
1457279	217	2.71	14.2	0.9	10.8	4	23	0.3	0.6	58	0.7	0.36	0.055	10	24	0.31	0.046	72
1457280	337	2.37	12.7	0.7	10.5	5	27	0.2	0.6	56	0.6	0.34	0.049	9	27	0.36	0.052	78
1457281	475	2.99	11.7	0.5	7.4	2.6	23	0.6	0.5	72	0.3	0.33	0.04	6	38	0.52	0.082	129
1457282	364	3.88	10	0.8	9.2	3.7	19	0.3	0.4	85	0.2	0.27	0.025	10	53	0.59	0.092	130
1457283	316	3.26	9.6	1.1	8	4.5	33	0.2	0.4	78	0.2	0.42	0.046	12	50	0.75	0.139	149
1457283	310	3.21	9.4	1.1	11.3	4.5	30	0.2	0.4	76	0.2	0.42	0.046	13	48	0.74	0.139	156
1457284	326	2.48	13.9	0.9	16.8	3.9	21	0.3	0.7	67	0.3	0.31	0.062	11	42	0.77	0.184	96
1456001	368	3.28	28	11.8	6.1	14	30	0.4	4.3	77	1.7	0.34	0.06	24	41	0.54	0.105	157
1456001	362	3.31	28.3	11.7	6.8	13.8	28	0.4	4.3	77	2	0.34	0.061	23	40	0.54	0.108	159
1456002	386	3.6	26.1	5.1	5.6	15.5	28	0.3	5.3	81	2.3	0.37	0.058	18	45	0.64	0.127	159
1456003	341	3.01	23.9	2	8.7	17.8	35	0.2	21.2	70	1.3	0.46	0.069	15	47	0.64	0.129	93
1456004	376	3.02	20.1	3.5	7.5	16.1	32	0.2	57.5	72	1.1	0.39	0.053	19	45	0.65	0.12	128
1456005	301	3.59	35.6	4.9	17.5	9.6	31	0.4	42	80	0.8	0.38	0.055	17	41	0.69	0.122	148
1456006	327	3.38	22.2	3.7	11.4	7.9	28	0.3	7.3	75	0.6	0.34	0.054	18	39	0.66	0.106	133
1456007	232	2.85	84.3	7.7	20.1	9.4	70	0.4	50.5	67	3.5	0.43	0.063	22	28	0.66	0.157	118
1456008	275	3.36	31.3	1.8	13.5	7.4	26	0.2	6	71	1.6	0.29	0.041	13	30	0.8	0.161	125
1456009	255	3.26	20.1	2.9	14.3	7.6	33	0.2	5.7	73	0.9	0.31	0.046	13	36	0.73	0.142	115
1456010	267	3.04	26.3	1.9	10.8	6	33	0.3	7	73	1.1	0.33	0.059	11	35	0.76	0.165	118
1456011	273	3.52	97.6	2.9	11	9.5	94	0.3	10.4	73	3.2	0.36	0.07	15	33	0.78	0.181	131
1456012	360	3.74	59	2.4	37.1	5.8	28	0.3	3.5	90	3.7	0.28	0.047	10	35	0.84	0.191	117
1456013	308	3.32	73.5	2.6	8.5	5.8	32	0.3	10.6	85	0.8	0.32	0.03	12	36	0.74	0.156	125
1456014	574	2.86	35.7	5.2	13.3	4.6	36	0.7	4.9	71	0.7	0.39	0.051	14	29	0.62	0.126	145
1456015	305	1.84	31.3	2.4	6.7	2.6	24	0.5	6.4	46	1.1	0.25	0.025	8	19	0.37	0.09	85
1456016	254	2.68	92.6	4.4	8.1	4.4	33	0.4	44.2	69	1.2	0.37	0.029	11	27	0.57	0.107	114
1456017	471	3.3	106.5	6.4	10.1	7.1	51	0.5	14.6	85	1.3	0.82	0.041	15	32	0.81	0.185	119
1456018	783	2.14	66.9	4.4	6.9	4	36	0.6	2.2	51	1	0.4	0.062	15	27	0.45	0.091	114
1456019	326	2.77	40.8	1.2	2.6	3.5	28	0.4	3	72	0.8	0.23	0.04	9	30	0.53	0.126	89
1456020	277	2.36	18.3	1.3	2.1	2.8	27	0.5	1.9	59	0.6	0.24	0.056	8	27	0.45	0.109	82
1456021	808	1.62	8.7	1.5	1.6	2	19	0.5	1.1	42	0.4	0.16	0.08	7	16	0.25	0.085	76
1456022	416	3.96	22.8	1.2	42.4	3.2	21	0.6	2.6	89	0.6	0.19	0.096	8	36	0.51	0.125	109
1456023	205	2.79	31.3	2	9.8	6.7	33	0.2	3.6	61	1	0.28	0.06	11	25	0.65	0.146	91
1456024	226	3.16	85.8	2.2	10	7.4	44	0.2	9.5	65	3.1	0.27	0.054	11	29	0.7	0.176	94
1456025	228	3.2	89.3	2	12.7	7	42	0.3	9.5	66	2.8	0.25	0.058	11	29	0.69	0.173	90
1456026	432	2.85	103.9	10.1	25.1	7.4	41	0.4	49.4	57	1.3	0.31	0.058	21	29	0.51	0.115	125
1456027	210	3.26	26.8	2.6	17.7	7.7	28	0.2	9.2	71	0.6	0.25	0.047	13	32	0.75	0.174	122
1456028	247	3.45	46.3	3.7	15.8	7.2	47	0.3	14.5	79	0.9	0.27	0.054	15	35	0.75	0.203	123
1456029	266	3.53	75.8	3.5	19.7	9.3	91	0.2	20.3	66	0.7	0.3	0.061	11	33	0.71	0.14	135
1456030	200	2.98	58.4	4.6	28	12.4	59	0.2	12.5	71	0.8	0.25	0.081	24	32	0.83	0.203	148
1456031	110	1.78	12.1	3.9	6	3.2	23	0.2	3.5	45	0.3	0.2	0.048	12	22	0.32	0.089	85
1456032	381	3.38	15.3	3	4.6	10.5	26	0.2	5.7	80	0.5	0.33	0.067	14	45	0.6	0.125	116
1456033	352	3.43	22.2	4	7	18.7	36	0.2	13	80	1.5	0.45	0.076	18	47	0.68	0.126	121
1456034	413	3.24	20.5	4.6	8.3	13.6	32	0.2	31.6	77	1.6	0.42	0.07	16	39	0.62	0.109	124
1456035	294	3.05	11.6	3.2	4.7	12.5	38	0.2	7	74	0.9	0.4	0.058	15	41	0.66	0.117	120
1456252	428	3.08	16.5	6.3	9.1	20.4	42	0.2	9.5	77	0.7	0.46	0.069	18	50	0.66	0.097	103
1456253	282	2.84	13.8	2.2	4.7	13.8	34	0.2	4.7	82	0.8	0.36	0.065	14	48	0.57	0.095	69
1456254	405	3.51	20.1	5.3	13.6	16.5	49	0.2	6.7	91	0.8	0.48	0.114	19	63	0.64	0.108	86

sample_id	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	tl_ppm	sc_ppm	s_pct	se_ppm	ga_ppm	te_ppm	sample_typ	analysis_m	shipment_i	job_number
1457273	1	1.96	0.016	0.05	0.4	0.02	0.2	4.1	0.025	0.25	8	0.5	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457274	1	2	0.017	0.04	0.3	0.04	0.2	4.1	0.025	0.5	8	0.3	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457275	1	1.92	0.018	0.04	0.3	0.04	0.2	4.8	0.025	0.25	8	0.3	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457276	1	2	0.02	0.05	0.4	0.02	0.2	5.2	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457277	2	1.85	0.017	0.03	0.2	0.01	0.1	4.6	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457278	1	2.44	0.012	0.03	0.1	0.02	0.3	3.3	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457279	0.5	1.66	0.012	0.02	0.2	0.02	0.1	2.5	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457280	1	1.46	0.014	0.02	0.2	0.005	0.2	3	0.025	0.25	4	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457281	2	2.28	0.015	0.03	0.1	0.02	0.2	3.5	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457282	2	3.41	0.017	0.03	0.05	0.04	0.2	7.2	0.025	0.25	8	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457283	2	2.4	0.018	0.05	0.2	0.03	0.2	5.9	0.025	0.25	7	0.1	REP	AQ201	WLF2016-10-14	WHI16000373
1457283	3	2.37	0.018	0.05	0.2	0.03	0.2	6.1	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457284	2	1.32	0.012	0.2	0.3	0.02	0.2	3.1	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456001	2	2.5	0.015	0.05	0.5	0.05	0.2	6.4	0.025	0.25	9	0.1	REP	AQ201	WLF2016-10-14	WHI16000373
1456001	2	2.47	0.016	0.05	0.4	0.04	0.2	6.5	0.025	0.25	9	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456002	2	2.65	0.013	0.06	2.7	0.04	0.2	5.7	0.025	0.25	9	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456003	2	2.15	0.015	0.08	0.6	0.02	0.2	4.5	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456004	2	2.09	0.016	0.05	0.6	0.03	0.2	5.2	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456005	2	2.67	0.014	0.05	0.3	0.06	0.4	6.5	0.025	0.25	8	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456006	2	2.67	0.017	0.05	0.2	0.05	0.2	6	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456007	0.5	1.82	0.016	0.15	0.6	0.02	0.5	6.2	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456008	1	2.17	0.013	0.09	0.3	0.02	0.3	5.1	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456009	1	2.26	0.015	0.06	0.2	0.04	0.3	5	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456010	1	2.07	0.011	0.12	0.2	0.02	0.4	5.1	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456011	1	2.17	0.014	0.19	0.4	0.01	0.7	5.7	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456012	1	2.35	0.013	0.09	1.5	0.03	0.3	5.5	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456013	0.5	2.22	0.014	0.06	0.5	0.03	0.3	5.5	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456014	1	1.99	0.019	0.07	0.6	0.04	0.3	5.2	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456015	1	1.34	0.021	0.06	0.4	0.04	0.2	2.9	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456016	2	1.96	0.017	0.06	0.3	0.04	0.3	4.9	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456017	1	2.7	0.023	0.11	1	0.02	0.4	7.1	0.025	0.25	8	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456018	0.5	1.81	0.019	0.09	0.2	0.03	0.3	5	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456019	2	1.73	0.013	0.05	0.2	0.02	0.3	3.8	0.025	0.25	8	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456020	1	1.47	0.016	0.05	0.3	0.02	0.2	3.1	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456021	1	1.03	0.014	0.05	0.2	0.02	0.2	2.6	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456022	2	2	0.01	0.05	0.2	0.02	0.2	3.7	0.025	0.25	9	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456023	0.5	1.76	0.013	0.06	0.6	0.01	0.2	3.5	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456024	0.5	1.94	0.014	0.08	0.4	0.01	0.3	4.4	0.025	0.25	7	0.4	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456025	0.5	1.86	0.013	0.07	0.4	0.01	0.3	4.6	0.025	0.25	7	0.4	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456026	1	2.05	0.015	0.06	0.3	0.04	0.3	6	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456027	1	2.03	0.013	0.08	0.2	0.02	0.3	4.8	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456028	0.5	1.88	0.017	0.17	0.2	0.02	0.4	4.9	0.06	0.25	8	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456029	0.5	2.64	0.015	0.09	0.2	0.03	0.4	5	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456030	0.5	1.71	0.012	0.33	0.2	0.01	0.6	5.8	0.025	0.25	5	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456031	0.5	1.3	0.02	0.05	0.1	0.04	0.2	3.8	0.025	0.25	5	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456032	2	2.34	0.015	0.06	0.2	0.03	0.2	4.5	0.025	0.25	8	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456033	1	2.34	0.015	0.07	0.5	0.03	0.2	5	0.025	0.25	8	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456034	0.5	2.3	0.014	0.05	0.6	0.04	0.2	4.7	0.025	0.25	8	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456035	1	1.92	0.016	0.05	0.4	0.02	0.2	4.1	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456252	0.5	2.03	0.02	0.06	0.5	0.03	0.2	4.6	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456253	0.5	1.56	0.013	0.06	0.3	0.01	0.2	2.7	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1456254	0.5	1.73	0.018	0.1	0.5	0.02	0.2	4.2	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373

sample_id	project_id	utm_zone	utm_eastin	utm_northi	elevation_	longitude	latitude	sample_dat	technician	colour	texture	moisture	site_slope
1456255	WLF	07N	540305	6990086	1000	-140.2032308	63.03811788	9/15/2016	Ross Reed RR02	Reddish Yellow	Sand	Damp	Subtle Slope
1456256	WLF	07N	540321	6990066	999	-140.2029194	63.03793661	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Wet	Subtle Slope
1456257	WLF	07N	540335	6990046	993	-140.2026476	63.03775556	9/15/2016	Ross Reed RR02	Reddish Yellow	Sand	Damp	Subtle Slope
1456258	WLF	07N	540350	6990025	995	-140.2023563	63.03756543	9/15/2016	Ross Reed RR02	Reddish Yellow	Sand	Dry	Subtle Slope
1456259	WLF	07N	540366	6990006	1001	-140.2020447	63.03739314	9/15/2016	Ross Reed RR02	Reddish Yellow	Sand	Dry	Subtle Slope
1456260	WLF	07N	540381	6989985	995	-140.2017534	63.037203	9/15/2016	Ross Reed RR02	Reddish Yellow	Sand	Dry	Subtle Slope
1456261	WLF	07N	540395	6989967	985	-140.2014811	63.0370399	9/15/2016	Ross Reed RR02	Reddish Yellow	Sand	Dry	Flat
1456262	WLF	07N	540411	6989946	1012	-140.20117	63.03684966	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Subtle Slope
1456263	WLF	07N	540425	6989926	993	-140.2008982	63.03666861	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Wet	Subtle Slope
1456264	WLF	07N	540442	6989905	984	-140.2005673	63.03647825	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Subtle Slope
1456265	WLF	07N	540456	6989886	989	-140.2002953	63.03630618	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Subtle Slope
1456266	WLF	07N	540471	6989866	980	-140.2000037	63.03612501	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Pronounced Slope
1456267	WLF	07N	540487	6989846	957	-140.1996924	63.03594374	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Pronounced Slope
1456268	WLF	07N	540498	6989814	983	-140.1994763	63.0356597	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Pronounced Slope
1456269	WLF	07N	540421	6989764	973	-140.201017	63.03521521	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Wet	Pronounced Slope
1456270	WLF	07N	540405	6989785	970	-140.2013281	63.03540545	9/15/2016	Ross Reed RR02	Light Brown	Silt	Damp	Pronounced Slope
1456271	WLF	07N	540391	6989805	979	-140.2015999	63.0355865	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Pronounced Slope
1456272	WLF	07N	540376	6989825	991	-140.2018914	63.03576766	9/15/2016	Ross Reed RR02	Reddish Yellow	Sand	Damp	Pronounced Slope
1456273	WLF	07N	540360	6989845	989	-140.2022028	63.03594893	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Subtle Slope
1455776	WLF	07N	540346	6989865	990	-140.2024746	63.03612998	9/15/2016	Ross Reed RR02	Light Brown	Silt	Damp	Subtle Slope
1456274	WLF	07N	540331	6989886	1003	-140.2027659	63.03632011	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Subtle Slope
1456275	WLF	07N	540331	6989886	997	-140.2027659	63.03632011	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Subtle Slope
1455777	WLF	07N	540315	6989905	1011	-140.2030775	63.0364924	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Flat
1455778	WLF	07N	540300	6989925	999	-140.2033691	63.03667356	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Flat
1455779	WLF	07N	540286	6989946	985	-140.2036406	63.03686358	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Damp	Flat
1455780	WLF	07N	540270	6989966	996	-140.203952	63.03704484	9/15/2016	Ross Reed RR02	Light Brown	Sand	Damp	Subtle Slope
1455781	WLF	07N	540255	6989986	992	-140.2042436	63.037226	9/15/2016	Ross Reed RR02	Chocolate Brown	Sand	Damp	Subtle Slope
1455782	WLF	07N	540239	6990005	1006	-140.2045552	63.03739829	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Wet	Subtle Slope
1455783	WLF	07N	540180	6990085	963	-140.2057018	63.03812279	9/15/2016	Ross Reed RR02	Chocolate Brown	Silt	Wet	Subtle Slope
1457051	WLF	07N	539859	6989845	960	-140.2121049	63.03600439	9/15/2016	Simon Cash SC03	Dark Grey Black	Silt	Damp	Pronounced Slope
1457052	WLF	07N	539875	6989823	968	-140.211794	63.03580519	9/15/2016	Simon Cash SC03	Grey	Silt	Damp	Pronounced Slope
1457053	WLF	07N	539889	6989803	973	-140.2115222	63.03562416	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Pronounced Slope
1457054	WLF	07N	539907	6989783	975	-140.2111713	63.03544269	9/15/2016	Simon Cash SC03	Light Grey	Sand	Damp	Pronounced Slope
1457055	WLF	07N	539920	6989762	980	-140.2109194	63.0352528	9/15/2016	Simon Cash SC03	Light Brown	Clay	Damp	Pronounced Slope
1457056	WLF	07N	539938	6989744	985	-140.210568	63.03508928	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Pronounced Slope
1457057	WLF	07N	539948	6989721	985	-140.210376	63.03488176	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Pronounced Slope
1457058	WLF	07N	539962	6989697	986	-140.2101051	63.03466483	9/15/2016	Simon Cash SC03	Chocolate Brown	Sand	Damp	Pronounced Slope
1457059	WLF	07N	539980	6989676	980	-140.2097544	63.03447439	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Pronounced Slope
1457060	WLF	07N	539994	6989664	986	-140.2094807	63.03436515	9/15/2016	Simon Cash SC03	Chocolate Brown	Sand	Damp	Pronounced Slope
1457061	WLF	07N	540012	6989643	975	-140.20913	63.0341747	9/15/2016	Simon Cash SC03	Chocolate Brown	Gravel	Damp	Pronounced Slope
1457062	WLF	07N	540030	6989622	975	-140.2087794	63.03398425	9/15/2016	Simon Cash SC03	Chocolate Brown	Sand	Damp	Pronounced Slope
1457063	WLF	07N	540041	6989599	972	-140.2085676	63.03377662	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Pronounced Slope
1457064	WLF	07N	540048	6989578	972	-140.2084344	63.03358739	9/15/2016	Simon Cash SC03	Chocolate Brown	Sand	Damp	Pronounced Slope
1457065	WLF	07N	540066	6989567	966	-140.2080813	63.03348668	9/15/2016	Simon Cash SC03	Chocolate Brown	Sand	Damp	Pronounced Slope
1457066	WLF	07N	540087	6989541	950	-140.2076726	63.03325102	9/15/2016	Simon Cash SC03	Chocolate Brown	Silt	Damp	Pronounced Slope
1457067	WLF	07N	540099	6989526	946	-140.2074391	63.03311508	9/15/2016	Simon Cash SC03	Dark Brown	Clay	Damp	Pronounced Slope
1457068	WLF	07N	540184	6989584	964	-140.2057451	63.03362618	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Pronounced Slope
1457069	WLF	07N	540161	6989608	965	-140.2061938	63.03384411	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Pronounced Slope
1457070	WLF	07N	540149	6989626	986	-140.2064266	63.03400698	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Pronounced Slope
1457071	WLF	07N	540135	6989645	990	-140.2066986	63.03417905	9/15/2016	Simon Cash SC03	Chocolate Brown	Sand	Damp	Pronounced Slope
1457071	WLF	07N	540135	6989645	990	-140.2066986	63.03417905	9/15/2016	Simon Cash SC03	Chocolate Brown	Sand	Damp	Pronounced Slope
1457072	WLF	07N	540125	6989665	989	-140.2068914	63.03435964	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Pronounced Slope

sample_id	depth	horizon	site_veget	ground_cov	quality	note1	note2	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm
1456255	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent			13	171.5	13.9	41	0.2	7.8	8
1456256	80	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Frozen		8.5	317.3	19.7	65	0.8	19.1	10.9
1456257	40	C	Dwarf Birch	Thin Moss Cover	Excellent			11	253.3	24.3	50	0.5	9.2	6.1
1456258	40	C	Dwarf Birch	Thin Moss Cover	Excellent			4.9	104.5	19.3	48	0.3	14.4	8
1456259	60	C	Old Burn	Bare Soil	Excellent			5	120.9	18.7	27	0.2	5.5	4.2
1456260	60	C	Dwarf Birch	Thin Moss Cover	Excellent			7.5	95.9	18.3	29	0.5	6.3	3.8
1456261	110	C	Dwarf Birch	Thin Moss Cover	Excellent			4	46.3	30.4	28	0.4	1.7	1.1
1456262	70	B	Dwarf Birch	Thin Moss Cover	Good	Sandy		5.7	94.6	20.6	41	0.5	15.4	8.1
1456263	50	B	Dwarf Birch	Grass Cover	Poor	Organic 10%		5	69.4	15	37	0.8	9.6	4
1456264	40	B	Birch Forest	Leaf Cover	Poor	Organic 10%		4	56.7	16.8	44	1	10.7	5.7
1456265	30	B	Birch Forest	Leaf Cover	Poor	Organic 10%	Rocky Sample	3.6	54.9	26	88	0.4	19.8	12.8
1456266	40	B	Birch Forest	Leaf Cover	Poor	Organic 10%	Rocky Sample	3.6	58.3	24.9	80	0.4	20.4	10.9
1456267	40	B	Birch Forest	Leaf Cover	Poor	Organic 10%	Rocky Sample	3.9	31.2	27	78	0.4	18.8	14
1456268	40	B	Birch Forest	Leaf Cover	Poor	Organic 10%	Rocky Sample	3.1	16.2	17.7	45	0.4	8.7	9.6
1456269	100	B	Birch Forest	Grass Cover	Poor	Partially Frozen		6.7	46.6	25.8	77	0.4	17.5	10.4
1456270	40	B	Birch Forest	Leaf Cover	Good			2	31.2	20.4	54	0.3	13.9	6.8
1456271	40	B	Birch Forest	Leaf Cover	Poor	Organic 10%		2.4	54.9	27	66	0.4	12.5	10.1
1456272	40	C	Birch Forest	Leaf Cover	Good			4.7	45.1	32.6	54	0.3	13.4	5.4
1456273	30	B	Dwarf Birch	Thin Moss Cover	Poor	Organic 10%		4.5	24.3	20.9	48	0.2	20.6	8.3
1455776	30	B	Dwarf Birch	Leaf Cover	Good	Sandy		6.6	27.2	33.4	51	0.3	11.8	6.2
1456274	60	B	Dwarf Birch	Thin Moss Cover	Good			2	28.5	14.6	50	0.2	20.9	9.8
1456275	60	B	Dwarf Birch	Thin Moss Cover	Good			1.9	30.8	15	47	0.1	20.7	9.8
1455777	70	B	Dwarf Birch	Burnt Moss	Good			1.2	36	18	44	0.05	20.2	9.1
1455778	40	B	Dwarf Birch	Thin Moss Cover	Poor	Organic 10%		2.2	20.6	11	30	0.2	13.9	5.5
1455779	50	B	Dwarf Birch	Burnt Moss	Good			2.4	70.6	16.9	48	0.3	19.4	8.6
1455780	70	C	Dwarf Birch	Burnt Moss	Good			5.3	103.9	16.9	45	0.3	17.9	9.1
1455781	90	C	Dwarf Birch	Leaf Cover	Good			2.9	87	21.3	42	0.2	12	7.2
1455782	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Partially Frozen		6.6	158.7	27	43	0.7	11.8	6.5
1455783	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Frozen		3.5	126	22.5	42	0.5	13.6	5.5
1457051	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 50%	Top Layer	0.4	8.6	2	9	0.2	4.2	1.4
1457052	70	B	Black Spruce	Reindeer Moss	Good	Sandy	Small Sample	1.3	29.2	24.4	64	0.3	20.8	8.4
1457053	50	B	Black Spruce	Reindeer Moss	Good	Sandy		1.1	24.7	32.5	69	0.3	22.5	10.4
1457054	50	B	Black Spruce	Reindeer Moss	Good	Volcanic Ash	Clay	0.7	5.9	6.8	24	0.1	3.4	2.3
1457055	60	B	Alders	Reindeer Moss	Excellent	Sandy		0.7	23.3	27.2	63	0.3	19.1	7.8
1457056	60	B	Alders	Thin Moss Cover	Good	Sandy		2.6	42.4	21.6	60	0.2	23.8	12.5
1457057	60	B	Alders	Reindeer Moss	Good	Small Sample		3	28.7	16.8	50	0.2	22	12.4
1457058	70	B	Birch Forest	Thin Moss Cover	Good	Loess		3	33.3	18.2	49	0.3	21.1	12.9
1457059	60	B	Birch Forest	Leaf Cover	Good	Sandy		1.7	21.8	14.2	51	0.5	15.4	8.8
1457060	60	B	Birch Forest	Thin Moss Cover	Good			1.7	19	19.9	46	0.3	17.4	11
1457061	40	B	Birch Forest	Thin Moss Cover	Poor	Sandy		1.6	11.8	12.4	31	0.5	9	5.5
1457062	70	B	Birch Forest	Thin Moss Cover	Good	Sandy		1.9	18.1	22	61	0.3	15.2	9.2
1457063	70	B	Birch Forest	Thin Moss Cover	Good	Sandy		1.7	19.5	17.2	74	0.3	25.1	12.5
1457064	60	B	Birch Forest	Thin Moss Cover	Good	Sandy		1.9	17.2	19	59	0.5	19.7	8.5
1457065	80	B	Birch Forest	Thin Moss Cover	Good	Sandy		1.3	17.5	20.1	53	0.4	20.4	8.3
1457066	60	B	Black Spruce	Thin Moss Cover	Good	Sandy		1.6	22.1	17.6	69	0.4	28.6	13.7
1457067	80	B	White Spruce	Thin Moss Cover	Good	Sandy		2	21.1	13.8	53	0.3	20.3	18.6
1457068	50	C	Birch Forest	Thin Moss Cover	Excellent	Organic 25%	Sandy	1.2	15.4	14.4	35	0.3	13.6	6.4
1457069	60	B	Black Spruce	Thin Moss Cover	Good	Sandy		1.4	17.7	13.7	54	0.5	28.9	13.9
1457070	70	B	Birch Forest	Thin Moss Cover	Good	Small Sample	Sandy	1.2	15.7	11.3	71	0.3	24	12
1457071	40	B	Birch Forest	Thin Moss Cover	Good	Sandy	Small Sample	1.5	15.9	15.7	57	0.4	20.4	9.4
1457071	40	B	Birch Forest	Thin Moss Cover	Good	Sandy	Small Sample	1.4	16	15	55	0.4	19.8	9.3
1457072	80	B	Birch Forest	Thin Moss Cover	Good	Sandy		0.7	24.3	16.3	57	0.2	22.4	9.2

sample_id	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	ca_pct	p_pct	la_ppm	cr_ppm	mg_pct	ti_pct	ba_ppm
1456255	192	2.64	67.8	6.4	13.3	9.4	133	0.2	12.1	67	0.5	0.37	0.085	17	29	0.66	0.15	156
1456256	242	2.87	33.9	6.6	40.2	6.3	62	0.3	6.7	69	0.9	0.43	0.077	17	37	0.68	0.11	95
1456257	171	2.59	31	3.1	30.3	5.4	65	0.2	4.7	65	1	0.29	0.076	14	30	0.72	0.148	89
1456258	225	2.99	21.2	2.3	16.7	5.1	45	0.2	5.1	74	0.5	0.28	0.052	9	34	0.62	0.144	100
1456259	133	2.77	19.4	3.6	10.8	8	74	0.05	3.3	71	0.5	0.22	0.052	14	30	0.78	0.214	111
1456260	121	3.14	27	3.2	22	8.1	85	0.05	3.3	71	0.7	0.24	0.057	16	32	0.8	0.199	124
1456261	85	3.24	86.2	3.2	43.1	8.1	118	0.1	18.4	69	0.6	0.92	0.057	17	33	0.87	0.176	75
1456262	149	2.96	19.5	3.6	21	3.6	48	0.2	2.7	65	0.6	0.23	0.052	11	33	0.58	0.099	94
1456263	91	1.9	52	2.5	11.2	1.9	23	0.2	16.4	52	0.5	0.22	0.035	7	23	0.36	0.059	53
1456264	158	2.22	58.4	2.1	12.7	2.8	23	0.2	14.9	56	0.6	0.21	0.027	8	25	0.4	0.068	67
1456265	367	3.65	60.8	2.3	15.6	4.7	47	0.4	29.4	67	1.1	0.28	0.064	9	34	0.6	0.109	75
1456266	310	3.26	43.4	2.3	14.5	4.4	34	0.3	19.3	69	0.8	0.28	0.054	9	37	0.62	0.111	64
1456267	591	4.09	46.1	1.2	5.3	3.5	28	0.5	14.2	93	0.8	0.26	0.067	8	40	0.62	0.132	85
1456268	591	2.33	31.5	0.7	2.7	1.3	18	0.3	9.3	65	0.5	0.15	0.066	5	24	0.35	0.093	61
1456269	284	2.98	242.9	9.2	20.3	4.1	47	0.4	8.2	65	0.8	0.6	0.056	13	35	0.61	0.08	86
1456270	223	2.71	234.4	1.1	7.2	4.1	44	0.2	10	61	0.6	0.3	0.049	9	32	0.53	0.08	66
1456271	277	2.89	189.3	2.1	17.7	5.9	70	0.3	12.2	56	1.1	0.54	0.067	14	32	0.6	0.085	81
1456272	165	4.54	129.3	1.5	24.9	5.1	73	0.2	13.1	82	1.1	0.17	0.079	10	37	0.49	0.082	82
1456273	208	3.37	21.5	1.4	24.2	4.3	38	0.2	1.9	70	0.6	0.24	0.053	8	43	0.6	0.112	78
1455776	173	3.51	45.4	2.5	20.5	6	105	0.3	2.5	62	1	0.32	0.079	12	32	0.63	0.13	73
1456274	299	3.12	12.2	1.9	10.9	4	39	0.05	0.5	77	0.4	0.3	0.036	11	40	0.61	0.109	125
1456275	280	3.03	12.8	2.3	13.2	4.7	43	0.05	0.6	75	0.4	0.32	0.033	12	40	0.66	0.126	116
1455777	301	3.02	16.1	2.1	22.1	5.2	47	0.05	0.8	73	0.7	0.36	0.045	13	39	0.7	0.126	116
1455778	123	2.81	10.8	0.9	7.7	2.2	20	0.1	0.4	71	0.3	0.2	0.04	7	29	0.39	0.081	92
1455779	192	2.8	15.6	2.8	26.3	4.3	46	0.2	0.7	66	0.5	0.28	0.057	12	32	0.64	0.103	99
1455780	232	2.96	14	2.5	39	5.9	49	0.1	1.1	84	0.6	0.39	0.064	11	41	0.9	0.184	132
1455781	145	2.48	16.5	2	16.4	3.5	58	0.3	4.2	60	0.6	0.28	0.072	14	29	0.54	0.121	106
1455782	149	2.49	23.1	3	26.7	3.9	50	0.3	2.7	66	1	0.21	0.056	12	32	0.61	0.136	77
1455783	103	1.9	19.1	5	96.6	4	37	0.4	5.3	49	0.8	0.28	0.068	16	34	0.39	0.09	106
1457051	26	0.59	1.3	0.4	2.9	0.05	20	0.2	0.2	10	0.05	0.4	0.043	2	6	0.07	0.016	39
1457052	317	2.27	9.1	1	4.9	3.6	39	0.2	0.5	62	0.5	0.46	0.047	8	38	0.54	0.083	95
1457053	556	2.82	15.2	1.1	12.5	4.2	54	0.6	0.6	77	0.5	0.56	0.059	9	44	0.61	0.097	120
1457054	194	0.95	2.3	0.1	2	0.3	5	0.3	0.1	29	0.1	0.05	0.025	2	8	0.06	0.036	25
1457055	302	2.29	13.7	1	8.7	3.7	47	0.3	0.5	63	0.5	0.46	0.039	11	37	0.47	0.085	119
1457056	224	3.23	16.1	2.3	11.7	5.1	45	0.3	0.9	72	0.6	0.33	0.048	14	37	0.6	0.107	140
1457057	272	3.28	11.7	1.7	20.4	3.9	33	0.1	0.7	78	0.4	0.28	0.04	11	39	0.66	0.107	104
1457058	218	3.05	14.1	1.8	52	4.6	22	0.3	0.6	73	0.5	0.2	0.038	10	36	0.63	0.115	115
1457059	197	2.76	9.6	1.6	43.4	3.1	20	0.3	0.5	60	0.3	0.2	0.047	9	28	0.41	0.077	110
1457060	237	2.5	12.1	1.4	61	4.2	29	0.2	0.5	61	0.6	0.24	0.044	9	29	0.54	0.101	128
1457061	137	2	8	1	38.3	2.2	14	0.3	0.3	42	0.3	0.13	0.046	5	17	0.24	0.064	69
1457062	313	3.63	17.1	0.8	8.6	2.9	20	0.4	0.8	79	0.6	0.21	0.067	8	32	0.55	0.127	99
1457063	463	3.51	12.6	0.7	8.1	2.5	24	0.3	0.6	77	0.4	0.26	0.032	7	39	0.59	0.098	127
1457064	223	3.11	13.7	0.7	7.7	2.6	24	0.3	0.6	75	0.5	0.25	0.027	7	35	0.57	0.117	85
1457065	270	2.73	11.1	1	9.8	2.6	30	0.4	0.6	65	0.4	0.34	0.031	9	36	0.53	0.095	107
1457066	631	3.54	11.1	0.8	10	3.1	24	0.3	0.5	79	0.3	0.27	0.031	8	47	0.65	0.098	109
1457067	1568	2.92	8.8	1.1	5.7	2.2	21	0.3	0.5	64	0.2	0.26	0.044	9	34	0.46	0.084	114
1457068	305	1.9	18.8	0.6	2.5	1.3	20	0.5	0.3	50	0.4	0.22	0.026	7	22	0.26	0.068	84
1457069	572	3.46	15.2	0.5	3.9	2.1	20	0.4	0.5	79	0.3	0.25	0.03	6	40	0.56	0.093	121
1457070	608	3.12	9	0.4	2.3	1.8	16	0.5	0.4	74	0.2	0.21	0.024	5	36	0.49	0.084	120
1457071	315	3.13	10.9	0.5	5.9	1.7	20	0.5	0.5	74	0.3	0.24	0.048	6	34	0.47	0.08	101
1457071	310	3.07	10.6	0.5	6	1.7	19	0.5	0.5	74	0.3	0.24	0.049	6	34	0.46	0.078	97
1457072	281	2.73	10.8	1.2	12	3.6	26	0.2	0.6	62	0.4	0.36	0.039	11	36	0.62	0.094	111

sample_id	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	tl_ppm	sc_ppm	s_pct	se_ppm	ga_ppm	te_ppm	sample_typ	analysis_m	shipment_i	job_number
1456255	0.5	1.64	0.015	0.29	0.3	0.01	0.4	7.1	0.025	0.6		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456256	1	1.92	0.02	0.1	0.2	0.03	0.3	6.7	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456257	1	1.62	0.016	0.19	0.3	0.01	0.3	4.6	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456258	0.5	1.92	0.018	0.09	0.1	0.02	0.2	3.9	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456259	1	1.48	0.027	0.28	0.2	0.005	0.4	5.4	0.12	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456260	0.5	1.54	0.075	0.33	0.05	0.005	0.5	7	0.41	0.25		7	0.3 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456261	0.5	2.39	0.19	0.49	0.3	0.005	0.6	7.5	0.62	0.25		7	0.4 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456262	0.5	1.9	0.025	0.07	0.2	0.02	0.2	5	0.08	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456263	0.5	1.48	0.013	0.04	0.1	0.02	0.2	2.8	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456264	1	1.71	0.013	0.04	0.1	0.03	0.2	3.2	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456265	1	2.25	0.018	0.08	1.1	0.01	0.3	3.8	0.025	0.25		7	0.5 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456266	2	2.09	0.016	0.06	1.1	0.02	0.2	4	0.025	0.25		7	0.3 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456267	1	2.38	0.014	0.07	0.4	0.02	0.2	3.7	0.025	0.25		9	0.2 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456268	0.5	1.19	0.012	0.06	0.2	0.02	0.1	2.1	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456269	0.5	2.53	0.02	0.06	0.4	0.02	0.4	4	0.025	0.25		8	0.3 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456270	0.5	1.99	0.015	0.06	1.1	0.01	0.3	3	0.025	0.25		7	0.3 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456271	0.5	2.59	0.02	0.12	0.4	0.01	0.4	3.9	0.025	0.25		8	0.7 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456272	0.5	2.7	0.017	0.05	0.3	0.02	0.4	3.4	0.06	0.25		9	0.5 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456273	0.5	2.28	0.02	0.05	0.2	0.02	0.2	3.6	0.025	0.25		7	0.3 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455776	0.5	2.05	0.028	0.07	0.4	0.01	0.3	4.2	0.1	0.25		7	0.4 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456274	0.5	2.11	0.019	0.04	0.2	0.02	0.2	5.9	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1456275	0.5	2.09	0.022	0.05	0.2	0.02	0.2	6.4	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455777	1	1.84	0.025	0.04	0.2	0.03	0.2	6.1	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455778	1	1.77	0.016	0.03	0.1	0.02	0.1	3.7	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455779	1	1.91	0.024	0.06	0.2	0.02	0.2	5.6	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455780	2	1.61	0.027	0.16	0.4	0.01	0.2	7.7	0.025	0.25		6	0.2 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455781	2	1.45	0.022	0.11	0.2	0.02	0.2	3.5	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000374
1455782	2	1.69	0.019	0.07	0.2	0.03	0.2	4.5	0.05	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000374
1455783	1	1.65	0.013	0.05	0.2	0.05	0.2	3.8	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000374
1457051	0.5	0.31	0.022	0.02	0.05	0.03	0.05	0.8	0.07	0.25		1	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457052	1	1.83	0.021	0.03	0.3	0.02	0.1	3.9	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457053	1	2.29	0.018	0.05	0.3	0.02	0.2	4.6	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457054	1	0.39	0.015	0.02	0.1	0.01	0.05	0.7	0.025	0.25		3	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457055	0.5	1.81	0.02	0.03	0.2	0.02	0.05	6.7	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457056	0.5	2.44	0.014	0.04	0.1	0.02	0.3	6	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457057	2	2.23	0.019	0.05	0.2	0.03	0.2	5.1	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457058	0.5	2.17	0.015	0.04	0.1	0.05	0.2	5.3	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457059	0.5	2.11	0.017	0.03	0.1	0.03	0.2	4.4	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457060	0.5	1.83	0.017	0.05	0.3	0.02	0.1	4.6	0.025	0.25		7	0.2 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457061	0.5	1.35	0.021	0.03	0.2	0.04	0.1	3	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457062	0.5	1.92	0.012	0.04	0.3	0.02	0.1	4	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457063	0.5	2.45	0.015	0.05	0.1	0.01	0.2	3.5	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457064	0.5	2.16	0.013	0.05	0.1	0.02	0.2	3	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457065	0.5	2.16	0.018	0.04	0.1	0.02	0.2	3.5	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457066	0.5	2.63	0.017	0.05	0.05	0.02	0.2	3.9	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457067	1	2.17	0.021	0.04	0.1	0.02	0.2	3.5	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457068	0.5	1.34	0.019	0.04	0.1	0.02	0.1	2.1	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457069	0.5	2.24	0.017	0.05	0.05	0.02	0.1	3	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457070	1	2.25	0.016	0.04	0.05	0.02	0.1	2.7	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457071	0.5	2.11	0.012	0.04	0.1	0.03	0.2	2.8	0.025	0.25		7	0.1 REP	AQ201	WLF2016-10-14	WHI16000373
1457071	0.5	2.11	0.012	0.04	0.1	0.02	0.3	2.8	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457072	0.5	1.86	0.02	0.03	0.1	0.01	0.1	4.1	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373

sample_id	project_id	utm_zone	utm_eastin	utm_northi	elevation_	longitude	latitude	sample_dat	technician	colour	texture	moisture	site_slope
1457073	WLF	07N	540106	6989687	994	-140.2072615	63.03455918	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Pronounced Slope
1457074	WLF	07N	540087	6989707	999	-140.2076322	63.03474077	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Pronounced Slope
1457075	WLF	07N	540087	6989708	1004	-140.2076319	63.03474975	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Pronounced Slope
1457076	WLF	07N	540073	6989725	994	-140.2079045	63.03490386	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Subtle Slope
1457077	WLF	07N	540063	6989745	994	-140.2080973	63.03508445	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Subtle Slope
1457078	WLF	07N	540046	6989763	1000	-140.2084289	63.03524787	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Subtle Slope
1457079	WLF	07N	540030	6989788	997	-140.208739	63.035474	9/15/2016	Simon Cash SC03	Chocolate Brown	Clay	Damp	Subtle Slope
1457080	WLF	07N	540005	6989809	991	-140.2092235	63.0356678	9/15/2016	Simon Cash SC03	Dark Grey Black	Clay	Damp	Pronounced Slope
1457081	WLF	07N	540003	6989830	981	-140.2092624	63.0358539	9/15/2016	Simon Cash SC03	Dark Brown	Clay	Damp	Pronounced Slope
1457082	WLF	07N	539986	6989852	975	-140.2095931	63.03605322	9/15/2016	Simon Cash SC03	Dark Brown	Clay	Damp	Pronounced Slope
1457083	WLF	07N	539969	6989865	969	-140.2099259	63.03617176	9/15/2016	Simon Cash SC03	Dark Grey Black	Clay	Damp	Pronounced Slope
1457084	WLF	07N	539949	6989889	976	-140.2103247	63.0363917	9/15/2016	Simon Cash SC03	Dark Grey Black	Clay	Damp	Steep
1457085	WLF	07N	539938	6989904	953	-140.2105292	63.03652518	9/15/2016	Simon Cash SC03	Dark Grey Black	Sand	Damp	Steep
1455501	WLF	07N	539539	6989101	791	-140.2186084	63.02936249	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455502	WLF	07N	539526	6989121	799	-140.2188605	63.02954339	9/15/2016	Yoann Voyer YV01	Dark Brown	Silt	Dry	Pronounced Slope
1455503	WLF	07N	539510	6989142	790	-140.2191716	63.0297336	9/15/2016	Yoann Voyer YV01	Dark Brown	Silt	Dry	Pronounced Slope
1455504	WLF	07N	539494	6989162	792	-140.219483	63.02991483	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Damp	Pronounced Slope
1455505	WLF	07N	539480	6989183	796	-140.2197546	63.03010482	9/15/2016	Yoann Voyer YV01	Dark Brown	Silt	Damp	Pronounced Slope
1455506	WLF	07N	539463	6989202	805	-140.220086	63.03027719	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Sand	Damp	Pronounced Slope
1455507	WLF	07N	539449	6989222	808	-140.2203579	63.0304582	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455508	WLF	07N	539434	6989243	813	-140.2206492	63.03064829	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Sand	Dry	Pronounced Slope
1455509	WLF	07N	539420	6989261	821	-140.2209216	63.03081136	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Sand	Dry	Pronounced Slope
1455510	WLF	07N	539403	6989283	835	-140.2212523	63.03101064	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455511	WLF	07N	539388	6989302	844	-140.2215441	63.03118279	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Sand	Dry	Pronounced Slope
1455512	WLF	07N	539375	6989322	848	-140.2217963	63.03136369	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455513	WLF	07N	539361	6989340	856	-140.2220686	63.03152675	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Sand	Dry	Pronounced Slope
1455514	WLF	07N	539341	6989363	866	-140.2224584	63.03173533	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455515	WLF	07N	539329	6989381	874	-140.2226912	63.03189817	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455516	WLF	07N	539312	6989404	881	-140.2230217	63.03210643	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455517	WLF	07N	539299	6989422	890	-140.2232743	63.03226938	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455518	WLF	07N	539283	6989442	899	-140.2235857	63.0324506	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455519	WLF	07N	539267	6989462	904	-140.2238971	63.03263182	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455520	WLF	07N	539252	6989482	916	-140.2241888	63.03281294	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455521	WLF	07N	539238	6989501	916	-140.2244609	63.03298497	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455522	WLF	07N	539222	6989522	924	-140.2247721	63.03317516	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455523	WLF	07N	539209	6989542	929	-140.2250243	63.03335606	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455526	WLF	07N	539192	6989562	943	-140.2253555	63.03353738	9/15/2016	Yoann Voyer YV01	Reddish Brown	Sand	Dry	Pronounced Slope
1455527	WLF	07N	539177	6989582	950	-140.2256472	63.0337185	9/15/2016	Yoann Voyer YV01	Reddish Brown	Sand	Dry	Pronounced Slope
1455528	WLF	07N	539163	6989601	946	-140.2259194	63.03389052	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Damp	Pronounced Slope
1455529	WLF	07N	539148	6989620	945	-140.2262113	63.03406266	9/15/2016	Yoann Voyer YV01	Reddish Brown	Sand	Damp	Subtle Slope
1455530	WLF	07N	539134	6989641	942	-140.226483	63.03425263	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Damp	Subtle Slope
1455531	WLF	07N	539116	6989661	937	-140.226834	63.03443406	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Sand	Dry	Pronounced Slope
1455532	WLF	07N	539103	6989680	932	-140.2270864	63.03460598	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Damp	Pronounced Slope
1455533	WLF	07N	539087	6989702	928	-140.2273974	63.03480514	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455534	WLF	07N	539071	6989722	925	-140.2277089	63.03498636	9/15/2016	Yoann Voyer YV01	Dark Brown	Silt	Wet	Pronounced Slope
1455524	WLF	07N	539056	6989741	920	-140.2280008	63.03515849	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Damp	Pronounced Slope
1455525	WLF	07N	539056	6989741	920	-140.2280008	63.03515849	9/15/2016	Yoann Voyer YV01	Chocolate Brown	Silt	Damp	Pronounced Slope
1455001	WLF	07N	539459	6989042	759	-140.2202034	63.02884172	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455002	WLF	07N	539446	6989062	767	-140.2204555	63.02902262	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455003	WLF	07N	539431	6989080	793	-140.2207476	63.02918579	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455004	WLF	07N	539413	6989102	805	-140.221098	63.02938519	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope

sample_id	depth	horizon	site_veget	ground_cov	quality	note1	note2	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm
1457073	80	B	Birch Forest	Leaf Cover	Good	Sandy		1.6	17.7	10.8	50	0.4	21.6	9
1457074	60	B	Birch Forest	Leaf Cover	Good	Sandy		1.1	11	11.5	32	0.1	8.8	4.6
1457075	60	B	Birch Forest	Leaf Cover	Good	Sandy		0.8	7.1	10.4	25	0.05	4.4	2.5
1457076	80	B	Birch Forest	Thin Moss Cover	Good	Sandy		1.5	26.1	12.1	51	0.2	25.3	12.7
1457077	90	C	Alders	Leaf Cover	Good	Sandy		2.6	37.1	16	59	0.6	28.1	16.4
1457078	70	B	Alders	Thin Moss Cover	Good	Sandy		1.4	30.5	12.6	59	0.3	27.9	14.4
1457079	30	B	Alders	Thin Moss Cover	Poor	Organic 50%	Small Sample	1.6	14.5	10.6	19	0.1	4.6	2.5
1457080	90	B	Alders	Sphagnum Moss < 30cm	Excellent	Sandy		2.4	61.1	11.2	73	0.2	26.3	14.8
1457081	100	B	Alders	Thin Moss Cover	Good			2.4	67.2	17.7	103	0.2	26.2	14
1457082	90	B	Black Spruce	Thin Moss Cover	Good	Sandy		1.8	46.8	19.3	82	0.3	23.6	11.4
1457083	80	B	Willows	Sphagnum Moss < 30cm	Excellent	Partially Frozen	Rocky Sample	1.7	43.2	45.6	109	0.6	25.2	16.5
1457084	90	C	Willows	Sphagnum Moss > 30cm	Good	Partially Frozen	Organic 10%	0.8	21.8	17	47	0.2	16.7	5.1
1457085	60	A	Black Spruce	Sphagnum Moss > 30cm	Excellent	Partially Frozen	Organic 50%	0.9	18.2	13.8	44	0.2	18.5	5.3
1455501	40	B	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	0.9	26.8	10.3	54	0.1	19.2	9.2
1455502	40	B	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	0.9	37.8	11.6	54	0.3	22.6	12.2
1455503	40	B	Birch Forest	Leaf Cover	Good	Coarse	Rocky Terrain	1.2	40.3	18.4	60	0.3	18.7	14.3
1455504	40	B	Birch Forest	Leaf Cover	Good	Sandy	Rocky Terrain	0.9	24.4	17.3	68	0.1	17.4	11.8
1455505	50	B	Birch Forest	Leaf Cover	Good	Coarse		1.2	32.3	17.8	56	0.4	16.7	11.2
1455506	60	C	Birch Forest	Grass Cover	Good	Possible Creek Contamination		0.6	20.4	37.2	105	0.6	10.4	11.7
1455507	50	B	Birch Forest	Grass Cover	Good	Rocky Terrain		1	32.5	35.8	90	1.5	13.8	11.7
1455508	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine		0.3	21.5	39	159	0.2	7	16.4
1455509	40	C	Birch Forest	Leaf Cover	Good	Fine		0.7	21	29.6	86	0.3	14.2	14.1
1455510	40	B	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	1	25.2	25.7	59	0.7	18.9	10.7
1455511	40	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse		0.6	24.1	22.4	128	0.4	7.1	17.1
1455512	40	B	Birch Forest	Leaf Cover	Good	Sandy		2.1	33.6	55.7	84	2.2	14.5	8.4
1455513	40	C	Birch Forest	Leaf Cover	Excellent	Coarse		1.5	40.5	50.8	219	1.6	11.5	22.1
1455514	40	B	Birch Forest	Leaf Cover	Good	Coarse	Rocky Terrain	1.8	38.3	39.3	80	0.6	19.6	10.8
1455515	30	B	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	1.6	30.1	38.1	81	0.6	17.7	9
1455515	30	B	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	1.7	30.5	38	86	0.6	18.9	9.1
1455516	40	B	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	1.5	22	25.9	80	0.5	19.4	9.3
1455517	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Fine		1.4	28.7	29.7	77	0.5	18	8.9
1455518	40	B	Birch Forest	Leaf Cover	Poor	Fine	Rocky Terrain	1.6	29.2	17.3	81	0.6	25.2	13.2
1455519	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain	2.5	52	62	93	0.2	11.5	8.1
1455520	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy	Rocky Terrain	1.7	22.8	16.2	47	0.3	18.8	8.6
1455521	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy		0.9	27.1	9.1	46	0.05	23.5	11.3
1455522	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Sandy		1	24.2	8.3	49	0.2	23.3	11.5
1455523	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy		1.1	40.1	11.3	60	0.05	25.2	14.8
1455526	60	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	Outcrop Nearby	1.4	74.4	17.4	81	0.05	19.3	16
1455527	40	C	White Spruce	Leaf Cover	Excellent	Coarse	Outcrop Nearby	0.8	53.6	18.8	114	0.05	19.4	26.3
1455528	40	B	Birch Forest	Reindeer Moss	Good	Coarse	Rocky Terrain	0.6	33.3	7.3	55	0.1	24.5	12.6
1455529	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine		1.1	43.2	8.4	67	0.05	26.9	27.7
1455530	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy		1.1	16.5	7.8	40	0.1	19.2	9.1
1455531	50	C	Black Spruce	Reindeer Moss	Excellent	Coarse		2.7	25.1	11.3	73	0.05	11.6	15.1
1455532	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky Terrain	1.5	24.2	7.6	45	0.1	15.3	10
1455533	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy	Rocky Terrain	3.5	42.7	7.9	49	0.1	18.4	11.9
1455534	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Partially Frozen	2.9	31.7	7.7	50	0.3	20	11.5
1455524	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy	Rocky Terrain	4.5	29.7	7.8	63	0.2	16.9	13.8
1455525	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy	Rocky Terrain	4.2	32.9	7.5	63	0.3	17.5	13.9
1455001	40	C	Poplar	Leaf Cover	Excellent			0.9	24.4	16.8	57	0.4	20.2	10.7
1455002	70	C	Black Spruce	Thin Moss Cover	Excellent			0.7	22.1	21.4	64	0.3	20.8	13
1455003	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent			0.9	18	16.6	53	0.3	18.2	10.2
1455004	50	C	Poplar	Leaf Cover	Excellent			0.7	19.7	18.3	61	0.2	20.7	12

sample_id	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	ca_pct	p_pct	la_ppm	cr_ppm	mg_pct	ti_pct	ba_ppm
1457073	209	3.23	10.1	0.4	3.4	1.8	15	0.4	0.4	80	0.2	0.21	0.024	6	38	0.48	0.089	101
1457074	156	1.75	7.5	0.6	16.1	1	21	0.2	0.4	48	0.3	0.17	0.028	5	20	0.28	0.066	68
1457075	93	1.03	4.3	0.4	6.6	0.6	14	0.2	0.2	33	0.3	0.1	0.019	4	12	0.13	0.075	51
1457076	283	3.47	12.4	1.3	11.4	4.7	24	0.2	0.5	83	0.3	0.27	0.038	8	45	0.74	0.107	122
1457077	276	3.87	13.4	2.8	12.2	6.1	27	0.3	0.7	85	0.5	0.25	0.033	14	47	0.63	0.123	152
1457078	361	3.44	10.6	1.9	8.4	5.1	33	0.2	0.6	83	0.3	0.32	0.034	16	51	0.7	0.127	188
1457079	57	1.28	4.6	0.4	3.9	0.3	11	0.1	0.3	40	0.3	0.06	0.031	4	13	0.08	0.065	43
1457080	196	2.87	8.4	1.9	6.8	1.7	23	0.5	0.4	64	0.2	0.31	0.062	11	35	0.55	0.075	101
1457081	168	2.53	10.5	2.2	7.3	2.6	28	0.7	0.6	56	0.4	0.3	0.072	12	31	0.54	0.085	105
1457082	197	2.29	8.1	1.3	7.2	1.6	22	0.4	0.4	56	0.3	0.29	0.052	8	31	0.49	0.067	79
1457083	404	2.19	10.9	2.3	10.8	3.1	53	0.9	0.6	56	0.7	0.43	0.069	11	32	0.45	0.081	118
1457084	106	1.66	5.7	1	5.5	1.4	28	0.6	0.3	32	0.4	0.34	0.052	7	25	0.32	0.053	80
1457085	156	2.12	3.9	1.3	1.7	3.2	20	0.2	0.4	57	0.3	0.24	0.051	9	37	0.48	0.127	56
1455501	271	2.7	12.9	1.1	4.7	3.2	38	0.2	0.5	68	0.4	0.58	0.038	11	29	0.61	0.123	222
1455502	716	2.77	19.5	3.1	7.7	3.5	51	0.6	0.5	69	0.6	0.74	0.065	19	28	0.64	0.122	284
1455503	768	2.86	22.3	2.5	16.1	4.3	40	0.5	0.9	73	0.9	0.53	0.071	22	25	0.64	0.138	247
1455504	361	3.22	21.6	1.2	17.7	5	42	0.2	0.6	84	1.1	0.61	0.059	14	29	0.82	0.183	249
1455505	381	2.82	28.6	2.4	16.9	3.8	36	0.7	0.8	71	1.5	0.52	0.062	17	26	0.62	0.132	225
1455506	517	4.25	66.1	1.3	6.9	4.4	58	0.6	2.6	106	3.1	0.98	0.071	12	24	1.05	0.271	339
1455507	547	3.64	68.2	3	18.3	4.7	62	0.5	2.7	92	2.8	0.88	0.058	27	24	0.85	0.179	356
1455508	687	5.45	37.3	1.1	3.9	5.5	51	0.5	1.5	130	1.9	0.68	0.092	13	18	1.49	0.307	640
1455509	398	3.92	66.6	1.1	8.1	4.3	34	0.3	2.6	103	2.3	0.57	0.052	14	27	0.99	0.234	305
1455510	306	3.04	52.2	1.8	11.7	4.1	35	0.4	2.5	74	1.3	0.48	0.037	16	34	0.68	0.121	202
1455511	730	4.27	146.6	1.1	6.5	5.2	21	0.7	3.1	107	3.7	0.5	0.1	12	16	1.1	0.343	354
1455512	359	3	93.6	2.2	34.4	5	35	0.7	3.8	68	3.6	0.42	0.035	16	28	0.56	0.114	150
1455513	1122	5.07	257.4	1.3	10.9	5.6	38	1.5	5.5	139	2.3	0.58	0.091	12	25	1.43	0.457	282
1455514	893	3.13	26.4	2.5	17.1	4.1	39	1	1.6	61	2.3	0.44	0.05	17	33	0.52	0.083	115
1455515	265	3.5	31.3	1.5	24.9	4.9	34	0.5	2.2	69	2.4	0.31	0.03	13	31	0.55	0.091	113
1455515	267	3.47	33.8	1.5	23.3	4.8	35	0.5	2.3	70	2.5	0.3	0.029	13	32	0.54	0.095	121
1455516	601	3.12	21.6	0.8	10.5	2.6	27	0.7	1.2	67	1.8	0.34	0.027	8	33	0.47	0.084	112
1455517	365	3.09	33	0.9	23.6	3.9	35	0.6	1.9	72	3.1	0.32	0.023	11	30	0.51	0.103	129
1455518	528	3.62	18.5	1	5.4	3.6	30	0.4	1	82	1.1	0.36	0.026	14	43	0.65	0.105	174
1455519	440	4.14	83.1	2	23.5	8	42	0.6	5.5	67	6.4	0.26	0.044	17	20	0.46	0.084	118
1455520	267	3.4	33.9	0.9	5.5	3.8	21	0.1	1.2	79	3.3	0.26	0.024	8	32	0.66	0.114	109
1455521	397	3.1	19.6	1.2	10.4	4.7	28	0.05	0.8	76	2.1	0.47	0.027	14	38	0.77	0.15	171
1455522	310	3.44	14.4	0.5	9.3	3.3	19	0.05	0.5	87	0.8	0.31	0.028	7	36	0.81	0.165	155
1455523	436	4.37	25.9	1	11.1	6.4	25	0.05	0.7	115	1.4	0.45	0.042	10	40	1.22	0.279	212
1455526	679	6.58	30	1.7	7.6	9.8	23	0.1	1	200	4.2	0.41	0.053	12	40	1.75	0.411	360
1455527	976	6.8	22.6	1.9	5.3	11.4	46	0.3	1.8	195	1.9	0.37	0.045	15	34	1.95	0.496	426
1455528	402	3.09	11.4	1.7	6.2	4	30	0.1	0.5	76	0.3	0.43	0.063	17	35	0.74	0.114	229
1455529	913	6.59	32.1	0.9	6.3	5.3	21	0.05	1.2	217	0.7	0.38	0.108	9	53	2.32	0.586	447
1455530	216	3.06	10.2	0.6	6.2	2.7	15	0.05	0.4	83	0.3	0.24	0.024	7	35	0.57	0.119	115
1455531	682	4.86	15.9	0.9	3.3	5.5	40	0.05	0.9	172	0.9	0.36	0.05	8	28	1.34	0.365	259
1455532	333	3.04	7.6	0.8	5.8	3.3	21	0.1	0.4	88	0.2	0.26	0.038	7	28	0.61	0.154	126
1455533	349	3.41	21.1	1	5.6	3.8	26	0.05	0.9	84	4.7	0.27	0.035	7	31	0.79	0.177	91
1455534	313	2.97	8.1	1.8	6.6	3.1	27	0.2	0.5	83	0.3	0.47	0.064	13	33	0.69	0.135	206
1455524	603	3.7	11.9	1.2	7.2	3.8	43	0.1	0.8	112	0.4	0.39	0.055	8	33	0.98	0.23	147
1455525	567	3.7	11.7	1.4	24.9	4.2	32	0.1	0.8	113	0.4	0.4	0.057	9	33	0.98	0.229	143
1455001	487	3.06	16.1	1.3	3.2	4.1	38	0.3	0.9	80	0.5	0.59	0.041	14	34	0.71	0.149	244
1455002	402	3.3	22.2	0.9	5	4.6	37	0.2	1.2	86	0.8	0.54	0.034	12	36	0.78	0.162	216
1455003	382	2.93	15.9	0.6	4.5	2.9	30	0.1	0.9	76	0.6	0.46	0.026	9	31	0.65	0.127	179
1455004	389	3.09	17.9	0.7	6.9	3.8	34	0.2	0.9	81	0.6	0.55	0.038	10	33	0.77	0.149	217

sample_id	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	tl_ppm	sc_ppm	s_pct	se_ppm	ga_ppm	te_ppm	sample_typ	analysis_m	shipment_i	job_number
1457073	0.5	2.29	0.012	0.04	0.05	0.01	0.1	3	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457074	0.5	1.13	0.018	0.04	0.1	0.005	0.1	1.9	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457075	1	0.68	0.023	0.04	0.05	0.01	0.05	1.3	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000374
1457076	0.5	2.78	0.022	0.05	0.1	0.02	0.2	5.4	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457077	2	3.03	0.024	0.05	0.1	0.02	0.2	7.1	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000374
1457078	2	2.67	0.032	0.04	0.1	0.02	0.2	7.7	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000374
1457079	1	0.55	0.015	0.02	0.05	0.02	0.05	1	0.025	0.25		4	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000374
1457080	1	2.15	0.017	0.04	0.1	0.03	0.1	4.6	0.025	0.7		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457081	1	2	0.015	0.04	0.2	0.04	0.1	4.6	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457082	1	1.86	0.016	0.04	0.2	0.03	0.1	3.2	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457083	2	1.99	0.023	0.04	0.2	0.04	0.1	4.5	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000374
1457084	2	1.32	0.016	0.03	0.2	0.04	0.05	3	0.05	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1457085	2	0.88	0.016	0.09	0.4	0.03	0.2	2.1	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455501	0.5	1.8	0.028	0.06	0.2	0.02	0.1	4.6	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455502	2	1.91	0.028	0.09	0.2	0.04	0.2	6.4	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455503	1	1.76	0.027	0.19	0.4	0.03	0.3	5.9	0.025	0.25		6	0.2 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455504	2	2.08	0.032	0.15	0.3	0.02	0.3	5.7	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455505	2	1.76	0.022	0.12	0.4	0.03	0.2	5.4	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455506	1	2.81	0.031	0.59	0.3	0.01	0.6	7	0.025	0.25		9	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455507	1	2.65	0.026	0.38	0.2	0.04	0.4	9.2	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455508	0.5	3.19	0.024	1.27	0.1	0.01	1.1	10.2	0.025	0.25		11	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455509	1	2.41	0.028	0.34	0.3	0.02	0.5	5.6	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455510	1	2.02	0.026	0.05	0.2	0.03	0.2	5.4	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455511	1	2.46	0.022	0.89	0.4	0.01	0.7	5	0.025	0.25		9	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455512	1	2.1	0.021	0.06	0.3	0.03	0.3	5.6	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455513	2	3.35	0.021	0.73	0.2	0.02	1.4	6.1	0.025	0.25		12	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455514	0.5	2.1	0.019	0.05	0.3	0.02	0.4	5	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455515	1	2.02	0.014	0.04	0.4	0.03	0.4	4.1	0.025	0.25		6	0.1 REP	AQ201	WLF2016-10-14	WHI16000373
1455515	1	2	0.014	0.04	0.4	0.03	0.4	4.5	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455516	0.5	2.05	0.016	0.05	0.2	0.02	0.3	3.4	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455517	0.5	1.87	0.015	0.05	0.3	0.03	0.3	4.4	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455518	1	2.39	0.014	0.05	0.1	0.03	0.3	5.2	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455519	1	1.72	0.013	0.1	0.4	0.02	0.5	4.4	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455520	0.5	2.23	0.014	0.07	0.2	0.02	0.3	3.8	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455521	1	1.85	0.034	0.07	0.2	0.01	0.2	6.8	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455522	2	2.26	0.022	0.12	0.2	0.01	0.2	4.6	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455523	1	2.82	0.02	0.4	0.4	0.01	0.8	6.8	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455526	0.5	3.62	0.022	1.11	0.4	0.005	1.7	21.6	0.025	0.25		13	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455527	1	3.97	0.02	0.94	0.2	0.01	2.3	15.2	0.025	0.25		12	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455528	1	2.01	0.024	0.08	0.1	0.02	0.3	8.5	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455529	0.5	3.52	0.031	1.45	0.2	0.005	2.2	14	0.025	0.25		11	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455530	1	2.12	0.016	0.06	0.1	0.02	0.2	4.5	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455531	0.5	2.79	0.029	0.45	0.3	0.005	0.7	10.2	0.025	0.25		12	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455532	1	1.88	0.021	0.14	0.1	0.02	0.3	4.4	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455533	1	2.18	0.019	0.09	0.7	0.02	0.3	4.9	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455534	2	1.91	0.023	0.07	0.1	0.04	0.2	7.4	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455524	0.5	2.16	0.025	0.17	0.3	0.03	0.3	6.5	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455525	1	2.19	0.025	0.17	0.3	0.02	0.3	6.9	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455001	1	2	0.026	0.15	0.2	0.02	0.2	5.4	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455002	1	2.19	0.032	0.09	0.2	0.02	0.2	6	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455003	0.5	1.91	0.026	0.05	0.2	0.02	0.1	4.4	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455004	0.5	2.1	0.033	0.09	0.2	0.01	0.2	5.2	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373

sample_id	project_id	utm_zone	utm_eastin	utm_northi	elevation_	longitude	latitude	sample_dat	technician	colour	texture	moisture	site_slope
1455005	WLF	07N	539399	6989121	809	-140.2213701	63.02955722	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455006	WLF	07N	539382	6989142	809	-140.221701	63.02974753	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455007	WLF	07N	539370	6989160	825	-140.2219338	63.02991038	9/15/2016	Brian Hyde BH01	Dark Brown	Clay	Damp	Pronounced Slope
1455008	WLF	07N	539354	6989183	812	-140.2222445	63.03011852	9/15/2016	Brian Hyde BH01	Dark Brown	Clay	Damp	Subtle Slope
1455009	WLF	07N	539340	6989203	868	-140.2225164	63.03029953	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455010	WLF	07N	539324	6989221	852	-140.2228282	63.03046281	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455011	WLF	07N	539309	6989244	873	-140.2231192	63.03067085	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455012	WLF	07N	539295	6989261	870	-140.2233918	63.03082493	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455013	WLF	07N	539278	6989281	847	-140.2237229	63.03100626	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455014	WLF	07N	539264	6989301	904	-140.2239948	63.03118727	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455015	WLF	07N	539249	6989322	927	-140.2242862	63.03137735	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455016	WLF	07N	539233	6989342	937	-140.2245977	63.03155858	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455017	WLF	07N	539219	6989360	899	-140.22487	63.03172163	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455018	WLF	07N	539204	6989381	970	-140.2251615	63.03191172	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455018	WLF	07N	539204	6989381	970	-140.2251615	63.03191172	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455019	WLF	07N	539188	6989402	930	-140.2254727	63.03210191	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455020	WLF	07N	539172	6989422	951	-140.2257841	63.03228313	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455021	WLF	07N	539158	6989442	933	-140.226056	63.03246413	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455022	WLF	07N	539143	6989461	935	-140.2263479	63.03263626	9/15/2016	Brian Hyde BH01	Chocolate Brown	Clay	Dry	Subtle Slope
1455023	WLF	07N	539128	6989481	955	-140.2266396	63.03281737	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455024	WLF	07N	539113	6989502	947	-140.2269311	63.03300745	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455025	WLF	07N	539114	6989489	941	-140.2269115	63.0328944	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455026	WLF	07N	539096	6989522	956	-140.2272623	63.03318878	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Damp	Subtle Slope
1455027	WLF	07N	539082	6989541	969	-140.2275344	63.0333608	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Damp	Subtle Slope
1455028	WLF	07N	539068	6989561	961	-140.2278064	63.0335418	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Damp	Subtle Slope
1455029	WLF	07N	539052	6989580	937	-140.2281181	63.03371404	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Damp	Subtle Slope
1455030	WLF	07N	539037	6989600	943	-140.2284098	63.03389514	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455031	WLF	07N	539021	6989622	970	-140.2287208	63.0340943	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455032	WLF	07N	539008	6989642	968	-140.228973	63.03427519	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455033	WLF	07N	538992	6989662	945	-140.2292845	63.0344564	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Flat
1455034	WLF	07N	538977	6989681	960	-140.2295764	63.03462853	9/15/2016	Brian Hyde BH01	Chocolate Brown	Silt	Dry	Subtle Slope
1455176	WLF	07N	539621	6989162	811	-140.2169734	63.02990097	9/15/2016	Dan Brown Hozjan DB02	Chocolate Brown	Clay	Dry	Subtle Slope
1455177	WLF	07N	539602	6989183	822	-140.2173438	63.03009151	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Clay	Dry	Subtle Slope
1455178	WLF	07N	539590	6989202	825	-140.2175764	63.03026334	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455179	WLF	07N	539573	6989222	825	-140.2179075	63.03044468	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455180	WLF	07N	539560	6989245	832	-140.2181589	63.03065251	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455181	WLF	07N	539543	6989262	829	-140.2184907	63.03080693	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455182	WLF	07N	539529	6989283	855	-140.2187623	63.03099692	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455183	WLF	07N	539512	6989301	853	-140.2190939	63.03116031	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455184	WLF	07N	539499	6989322	854	-140.2193458	63.03135019	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455185	WLF	07N	539482	6989342	879	-140.219677	63.03153154	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455186	WLF	07N	539467	6989362	878	-140.2199686	63.03171266	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455187	WLF	07N	539451	6989382	896	-140.22028	63.03189389	9/15/2016	Dan Brown Hozjan DB02	Chocolate Brown	Sand	Dry	Subtle Slope
1455188	WLF	07N	539438	6989401	875	-140.2205323	63.03206582	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455190	WLF	07N	539406	6989441	900	-140.2211552	63.03242827	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455191	WLF	07N	539394	6989463	919	-140.221387	63.03262702	9/15/2016	Dan Brown Hozjan DB02	Chocolate Brown	Sand	Dry	Subtle Slope
1455192	WLF	07N	539377	6989481	938	-140.2217187	63.0327904	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455193	WLF	07N	539363	6989502	901	-140.2219903	63.03298039	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455194	WLF	07N	539348	6989523	919	-140.2222818	63.03317048	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455195	WLF	07N	539333	6989542	939	-140.2225737	63.03334262	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455196	WLF	07N	539319	6989564	915	-140.2228451	63.03354158	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455197	WLF	07N	539303	6989583	905	-140.2231568	63.03371383	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope

sample_id	depth	horizon	site_veget	ground_cov	quality	note1	note2	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm
1455005	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent			0.8	24.8	17.8	62	0.2	21.2	11.6
1455006	30	C	Alders	Leaf Cover	Excellent			0.9	36.4	25.1	61	0.4	24.7	17
1455007	30	B	Alders	Sphagnum Moss < 30cm	Good			0.7	25.6	13.6	52	0.3	21.5	10.9
1455008	40	B	Alders	Sphagnum Moss < 30cm	Good			0.8	24.7	19.3	61	0.3	20.3	11.8
1455009	40	C	Alders	Sphagnum Moss < 30cm	Good			0.6	23.4	20.8	75	0.6	20.4	12.4
1455010	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent			0.7	20.2	25.7	57	0.6	18.5	9.6
1455011	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent			0.8	24.4	15.6	52	0.2	21.9	10.4
1455012	50	C	Poplar	Leaf Cover	Excellent			0.7	19.2	15.6	48	0.2	19.7	9.1
1455013	40	C	Poplar	Sphagnum Moss < 30cm	Excellent			0.8	24.2	21.9	57	0.2	23.4	12.8
1455014	70	C	Poplar	Sphagnum Moss < 30cm	Excellent			0.8	23.4	24.9	61	0.2	28.7	11.9
1455015	60	C	Poplar	Leaf Cover	Excellent			0.9	24.4	24.6	58	0.2	20.7	10
1455016	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent			0.8	23.5	16	54	0.2	22.1	11.2
1455017	40	C	Poplar	Sphagnum Moss < 30cm	Good			0.9	22.9	13.1	56	0.2	21.3	11.3
1455018	40	C	Black Spruce	Sphagnum Moss < 30cm	Good			1.2	24.5	16.7	59	0.3	17.5	11.7
1455018	40	C	Black Spruce	Sphagnum Moss < 30cm	Good			1.2	24.2	16.4	62	0.3	16.4	11.3
1455019	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent			1	29.2	18.2	69	0.1	21.3	14.7
1455020	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent			1.4	25.4	20.9	100	0.8	19.8	16.8
1455021	40	C	Black Spruce	Sphagnum Moss < 30cm	Good			0.6	27.5	17.1	97	0.2	21.1	16.8
1455022	110	C	Black Spruce	Needle Cover	Excellent	Outcrop Nearby		1.2	365.1	27.8	78	1.2	6.6	9.5
1455023	40	C	White Spruce	Sphagnum Moss < 30cm	Good			1.4	50.1	16.2	60	0.05	15.3	16.9
1455024	50	C	White Spruce	Reindeer Moss	Good			0.8	33.3	17.5	96	0.05	13.5	21.7
1455025	50	C	White Spruce	Reindeer Moss	Good			0.9	33.6	17.9	98	0.05	13.5	22.8
1455026	60	C	Black Spruce	Sphagnum Moss > 30cm	Good			0.8	31.2	11.4	54	0.1	13	12.8
1455027	60	C	Black Spruce	Sphagnum Moss < 30cm	Good			0.7	19.9	11.8	54	0.05	8.5	12.8
1455028	60	C	Black Spruce	Sphagnum Moss < 30cm	Good			0.7	25	9.9	56	0.05	20.2	14.1
1455029	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent			0.7	41	10.6	75	0.2	16.6	16.4
1455030	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent			0.8	30.1	10	82	0.05	15.3	17.8
1455031	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent			1.2	140.7	17.7	93	0.2	14.5	21
1455032	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent			1.1	39.7	15.1	98	0.05	12.6	22.9
1455033	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent			7.1	67.9	12.2	89	0.1	14.9	20.3
1455034	70	C	Black Spruce	Sphagnum Moss < 30cm	Good			1.3	70.7	10	83	0.05	17.7	19.6
1455176	70	C	Birch Forest	Leaf Cover	Good	Sandy		0.5	32.7	8.4	55	0.1	25.9	11
1455177	50	C	Birch Forest	Leaf Cover	Good	Sandy		0.5	29.8	8	47	0.05	24.1	9.5
1455178	50	C	Birch Forest	Leaf Cover	Good	Sandy		0.9	23.4	10.2	47	0.2	18.3	9.5
1455179	60	C	Birch Forest	Leaf Cover	Good	Bright Orange Rust		0.9	21.5	10.8	46	0.1	16.7	9
1455180	60	C	Birch Forest	Leaf Cover	Good	Sandy		1.2	19.4	12	55	0.2	16.2	10.3
1455181	60	C	Birch Forest	Leaf Cover	Good	Sandy		1.6	21.8	18.8	54	0.3	14.9	10
1455182	90	C	Birch Forest	Leaf Cover	Good	Bright Orange Rust	Dull Red Rust	1	19.9	10.1	48	0.1	21.9	10
1455183	70	C	Birch Forest	Leaf Cover	Good	Sandy		1.8	26	16.5	52	0.3	16.7	12
1455184	70	C	Birch Forest	Leaf Cover	Good	Sandy		1.6	26.7	13.7	61	0.2	21.3	12
1455185	70	C	Birch Forest	Leaf Cover	Good	Sandy		1.6	21.6	16.8	53	0.2	15.6	10.9
1455186	60	C	Birch Forest	Leaf Cover	Good	Sandy		1.3	23	15.6	55	0.1	21.8	11.9
1455187	50	C	Birch Forest	Leaf Cover	Good	Rocky Terrain		1.8	26	25.6	63	0.4	16	10.8
1455188	60	C	Birch Forest	Leaf Cover	Good	Sandy		1.7	23.9	22.8	70	0.4	12.4	10.2
1455190	60	C	Birch Forest	Leaf Cover	Good			1.7	30.1	15.4	45	0.4	11.4	6.2
1455191	60	C	Birch Forest	Leaf Cover	Good			1.6	38.7	16.2	48	0.3	17.3	10.1
1455192	50	C	Birch Forest	Leaf Cover	Good	Sandy		1.4	27.3	18.2	40	0.2	12.2	8.9
1455193	50	C	Birch Forest	Leaf Cover	Good			1.4	26.7	13.6	32	0.1	11.9	7.9
1455194	50	C	Birch Forest	Leaf Cover	Good			1.3	27.3	12.9	29	0.2	11.9	8.6
1455195	60	C	Birch Forest	Leaf Cover	Good	Sandy		1.8	31.6	15.1	29	0.05	8.3	7.9
1455196	60	C	Birch Forest	Leaf Cover	Excellent	Sandy		2.2	25.8	12.7	24	0.05	7	7.4
1455197	60	C	Birch Forest	Leaf Cover	Good			1.5	36.5	11.8	30	0.05	11.8	8.1

sample_id	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	ca_pct	p_pct	la_ppm	cr_ppm	mg_pct	ti_pct	ba_ppm
1455005	443	3.18	19.3	1	5.9	4.4	36	0.2	0.9	81	0.7	0.56	0.042	14	36	0.74	0.139	218
1455006	724	3.21	30.6	1	10.1	4.1	34	0.8	1.5	80	0.8	0.5	0.059	12	35	0.64	0.121	195
1455007	413	2.87	16.7	1	5.7	3.5	36	0.2	1	70	0.5	0.54	0.04	13	34	0.67	0.114	195
1455008	323	2.88	29.8	0.8	4.9	3.9	40	0.5	2.1	72	1	0.55	0.045	12	35	0.64	0.138	187
1455009	670	2.72	30.7	0.8	6	3.2	41	0.8	2	70	1	0.59	0.045	12	33	0.61	0.118	210
1455010	341	2.74	27.7	0.6	5.8	3.2	32	0.4	2.1	70	1.1	0.45	0.034	10	34	0.61	0.121	157
1455011	322	2.87	22.2	0.9	4.5	3.8	33	0.1	1	73	1.2	0.47	0.027	14	43	0.67	0.131	176
1455012	339	2.71	24.9	0.6	3.3	3.4	33	0.2	1.1	70	1.3	0.41	0.027	10	37	0.61	0.123	158
1455013	533	3.04	28.6	1	11.1	4.3	38	0.3	1.3	74	1.7	0.47	0.028	14	49	0.69	0.13	183
1455014	387	3.57	36.7	1.2	12.9	5	49	0.2	1.9	89	2	0.56	0.04	15	65	0.92	0.181	195
1455015	354	3.09	47.8	0.9	8.3	5.2	35	0.3	1.6	72	2.9	0.41	0.026	14	36	0.6	0.107	169
1455016	323	2.98	36.1	0.9	11.6	4	34	0.1	1	74	1.4	0.42	0.028	13	36	0.66	0.117	175
1455017	394	3.09	27.2	1	7.7	3.8	34	0.1	0.7	77	1.5	0.45	0.041	12	34	0.67	0.131	229
1455018	1075	3.16	38.3	0.8	5.3	3.9	34	0.6	1.1	81	2.4	0.38	0.043	9	27	0.66	0.154	248
1455018	1095	3.13	38.4	0.8	10.2	3.8	33	0.5	1	79	2.3	0.38	0.042	8	27	0.65	0.152	241
1455019	463	4.35	52	1	13.8	6.1	36	0.2	1.2	109	3.5	0.4	0.032	18	36	1.14	0.252	275
1455020	648	5.18	105.2	0.8	0.25	5.2	38	0.3	1.4	131	1.9	0.34	0.032	8	38	1.27	0.275	357
1455021	622	5.35	188.4	1	6.1	5.5	37	0.2	1	146	1.2	0.37	0.035	11	37	1.51	0.357	427
1455022	420	9.65	316.8	4.4	28.8	9.3	138	0.1	5.2	184	3.2	0.36	0.104	36	22	2.07	0.438	577
1455023	445	4.24	132.7	1.4	6.2	3.9	42	0.2	4	107	1	0.49	0.037	11	32	1.1	0.243	237
1455024	700	6.33	68.7	1.4	0.6	12	120	0.1	1.9	175	1.3	0.42	0.04	13	33	1.91	0.515	377
1455025	679	6.59	72.1	1.4	1.5	11.4	95	0.1	2.2	181	1.4	0.42	0.038	11	33	1.98	0.53	357
1455026	471	4.03	17.7	0.9	3	7.7	66	0.1	1.1	96	0.5	0.5	0.053	14	23	1.19	0.222	225
1455027	446	4.3	25.9	1.1	2.3	9.8	32	0.05	1.6	106	1	0.46	0.051	15	16	1.4	0.27	252
1455028	362	3.79	15.3	0.7	3.4	5.5	28	0.05	0.6	97	0.8	0.35	0.029	9	34	1.01	0.204	182
1455029	650	4.42	22.1	1.7	8.6	7.7	34	0.2	0.8	120	0.7	0.55	0.081	15	30	1.43	0.276	281
1455030	957	5.37	34.7	1.5	3.3	13.4	32	0.2	1	154	0.8	0.52	0.068	30	29	1.53	0.312	422
1455031	819	7.35	120	2.1	17.4	11.6	26	0.2	1.7	207	1.5	0.47	0.095	14	34	2.42	0.468	418
1455032	669	6.62	38.4	0.9	2.4	10	40	0.2	1.3	202	1.5	0.63	0.046	14	29	2.27	0.465	520
1455033	745	6.5	119	1.3	1.2	11.9	46	0.1	1.4	200	0.9	0.47	0.04	21	33	1.99	0.436	395
1455034	561	4.76	44	2	6.1	8.4	83	0.1	1.5	156	0.7	0.52	0.062	15	40	1.42	0.364	414
1455176	390	2.94	9.4	0.4	6.5	2.7	44	0.1	0.5	68	0.4	0.83	0.06	11	37	0.74	0.12	172
1455177	316	2.89	12	0.6	8	3.4	36	0.05	0.4	69	0.3	0.65	0.06	11	36	0.71	0.11	161
1455178	301	2.81	23	1.1	147.8	3.3	34	0.1	0.5	74	0.5	0.55	0.048	11	30	0.65	0.139	175
1455179	341	2.86	20.6	1.2	25.2	3.7	32	0.05	0.5	76	0.7	0.56	0.049	11	31	0.67	0.163	180
1455180	321	3.07	27.1	1	15.9	3.3	29	0.2	0.6	77	1.1	0.49	0.046	9	29	0.76	0.174	175
1455181	391	2.87	29.4	1.5	23.1	4.1	27	0.2	0.8	73	1.3	0.44	0.047	11	29	0.66	0.142	158
1455182	287	2.97	13.6	0.7	10.5	3.2	26	0.1	0.5	73	1.1	0.47	0.04	9	35	0.68	0.119	154
1455183	458	3.1	16.7	2.1	45.3	4.9	29	0.2	1.1	76	1	0.5	0.057	15	34	0.72	0.161	146
1455184	469	3.29	15.7	1.5	8.6	4.6	31	0.2	1	82	0.6	0.58	0.068	16	36	0.75	0.151	187
1455185	449	3.15	19.9	1.3	9.1	4.2	36	0.2	1.2	81	0.6	0.5	0.057	11	32	0.73	0.167	150
1455186	365	3.61	17.6	1.1	8.1	4.9	30	0.1	1	95	0.7	0.45	0.034	11	37	0.9	0.219	145
1455187	394	3.05	53.1	2.2	25	4.6	26	0.6	2.9	75	0.5	0.39	0.055	14	35	0.69	0.117	121
1455188	350	3.12	89.4	1.5	21.9	3.9	29	0.5	2.7	72	1.7	0.41	0.058	12	25	0.76	0.132	127
1455190	150	2.64	32.4	1.3	34.9	4.3	23	0.1	2.6	62	0.3	0.25	0.052	10	35	0.62	0.116	91
1455191	177	2.98	40.9	1.8	63	4.5	25	0.2	1.5	70	0.3	0.29	0.049	12	37	0.7	0.134	102
1455192	146	2.59	10.9	1.1	45.2	4.4	23	0.1	1.1	57	0.3	0.22	0.034	13	35	0.64	0.118	85
1455193	137	2.57	13	1.3	41.3	5	25	0.05	1.3	58	0.3	0.17	0.029	14	37	0.68	0.122	88
1455194	138	2.47	13.4	1.1	29.7	4.3	26	0.05	2	63	0.3	0.17	0.024	12	37	0.68	0.138	83
1455195	99	2.38	12.1	1.4	29.9	5	27	0.05	1	64	0.3	0.13	0.031	14	45	0.87	0.197	81
1455196	98	2.52	12.7	2	32.6	6.9	39	0.05	0.7	79	0.3	0.2	0.04	17	45	1.05	0.217	92
1455197	163	2.39	12.1	2.2	69.6	5.7	27	0.05	0.7	66	0.5	0.27	0.039	14	38	0.79	0.139	98

sample_id	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	tl_ppm	sc_ppm	s_pct	se_ppm	ga_ppm	te_ppm	sample_typ	analysis_m	shipment_i	job_number
1455005	1	2.03	0.032	0.07	0.2	0.2	0.2	6.4	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455006	1	2.02	0.033	0.09	0.2	0.03	0.1	5.8	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455007	1	1.85	0.034	0.06	0.1	0.02	0.05	5.4	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455008	2	1.8	0.039	0.08	0.2	0.04	0.1	6	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455009	1	1.75	0.027	0.08	0.2	0.03	0.1	5.4	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455010	0.5	1.82	0.029	0.05	0.2	0.02	0.1	5	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455011	0.5	1.92	0.025	0.05	0.1	0.02	0.1	6.9	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455012	0.5	1.68	0.022	0.05	0.2	0.005	0.1	4.5	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455013	1	1.99	0.024	0.05	0.2	0.03	0.2	7.1	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455014	1	2.36	0.038	0.16	0.2	0.01	0.5	7.5	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455015	1	2.05	0.02	0.04	0.2	0.02	0.2	6.4	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455016	0.5	1.97	0.026	0.04	0.2	0.02	0.2	6	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455017	1	2.09	0.021	0.06	0.2	0.02	0.2	5.8	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455018	1	1.98	0.021	0.19	0.2	0.02	0.4	5.6	0.025	0.25		7	0.1 REP	AQ201	WLF2016-10-14	WHI16000373
1455018	1	1.97	0.021	0.18	0.2	0.02	0.4	5	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455019	1	2.82	0.024	0.34	0.2	0.01	0.8	8.1	0.025	0.5		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455020	2	3.22	0.021	0.77	0.2	0.02	1	11.5	0.025	0.25		10	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455021	0.5	3.36	0.017	0.92	0.2	0.02	1	8.8	0.025	0.25		10	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455022	1	3.85	0.042	1.84	0.1	0.02	3.4	29.9	0.58	0.25		13	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455023	1	2.32	0.024	0.26	0.4	0.005	0.9	9.8	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455024	0.5	3.35	0.018	1.25	0.3	0.01	2.3	10.6	0.025	0.25		12	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455025	0.5	3.48	0.018	1.28	0.3	0.01	2.4	10.9	0.025	0.25		12	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455026	0.5	2.26	0.023	0.41	0.1	0.005	0.8	8.3	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455027	0.5	2.31	0.017	0.57	0.1	0.005	1.5	9	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455028	0.5	2.49	0.016	0.17	0.3	0.02	0.4	6.8	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455029	1	2.21	0.024	0.54	0.3	0.02	0.8	11.5	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455030	0.5	2.64	0.025	0.69	0.2	0.005	0.8	16.7	0.025	0.25		9	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455031	1	3.57	0.02	1.3	0.2	0.005	2.6	25.5	0.025	0.25		12	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455032	0.5	4.15	0.053	1.49	0.1	0.005	1.6	20.6	0.025	0.25		11	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455033	0.5	3.43	0.026	0.71	0.3	0.01	1.1	18.4	0.025	0.25		11	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455034	0.5	2.33	0.026	0.61	0.2	0.005	1.2	12.6	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455176	1	1.83	0.048	0.08	0.2	0.03	0.1	5.2	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455177	1	1.72	0.041	0.05	0.3	0.03	0.05	5.7	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455178	0.5	1.87	0.035	0.09	0.3	0.02	0.2	4.5	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455179	0.5	1.75	0.031	0.13	0.5	0.03	0.2	5.3	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455180	1	1.9	0.026	0.13	0.4	0.01	0.2	4.4	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455181	0.5	1.83	0.025	0.09	0.4	0.02	0.2	4.8	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455182	1	1.84	0.026	0.06	0.3	0.02	0.1	4.4	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455183	0.5	1.79	0.021	0.13	0.6	0.02	0.2	5.1	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455184	0.5	1.82	0.024	0.16	0.3	0.02	0.2	5.5	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455185	0.5	2.01	0.022	0.17	0.2	0.02	0.3	4.7	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455186	0.5	2.35	0.027	0.12	0.3	0.005	0.4	5	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455187	0.5	2.01	0.021	0.08	0.2	0.02	0.3	5.1	0.025	0.25		6	0.2 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455188	0.5	2.15	0.029	0.21	0.2	0.01	0.6	5.1	0.025	0.25		7	0.5 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455190	0.5	1.72	0.016	0.09	0.2	0.02	0.3	4.2	0.025	0.25		6	0.2 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455191	0.5	1.86	0.017	0.1	0.2	0.02	0.3	4.8	0.025	0.25		6	0.5 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455192	0.5	1.62	0.017	0.09	0.2	0.01	0.3	3.7	0.025	0.25		5	0.2 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455193	0.5	1.68	0.017	0.09	0.1	0.005	0.3	4.3	0.05	0.25		5	0.3 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455194	0.5	1.65	0.018	0.1	0.1	0.005	0.3	4.9	0.06	0.25		5	0.3 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455195	0.5	1.52	0.016	0.19	0.2	0.005	0.5	6.3	0.06	0.25		5	0.6 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455196	0.5	1.47	0.017	0.3	0.1	0.005	0.6	8.3	0.11	0.25		5	1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455197	0.5	1.59	0.025	0.14	0.2	0.02	0.4	6.8	0.06	0.25		5	1 SOIL	AQ201	WLF2016-10-14	WHI16000373

sample_id	project_id	utm_zone	utm_eastin	utm_northi	elevation_	longitude	latitude	sample_dat	technician	colour	texture	moisture	site_slope
1455198	WLF	07N	539286	6989604	938	-140.2234877	63.03390413	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455199	WLF	07N	539272	6989622	955	-140.2237601	63.03406719	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455200	WLF	07N	539272	6989622	968	-140.2237601	63.03406719	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455201	WLF	07N	539255	6989643	956	-140.2240911	63.03425749	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455202	WLF	07N	539243	6989662	960	-140.2243237	63.03442931	9/15/2016	Dan Brown Hozjan DB02	Chocolate Brown	Sand	Dry	Subtle Slope
1455203	WLF	07N	539227	6989682	973	-140.2246352	63.03461053	9/15/2016	Dan Brown Hozjan DB02	Chocolate Brown	Sand	Dry	Subtle Slope
1455204	WLF	07N	539213	6989703	965	-140.2249069	63.03480051	9/15/2016	Dan Brown Hozjan DB02	Dark Brown	Clay	Wet	Subtle Slope
1455205	WLF	07N	539196	6989722	940	-140.2252383	63.03497286	9/15/2016	Dan Brown Hozjan DB02	Dark Brown	Clay	Wet	Subtle Slope
1455207	WLF	07N	539167	6989764	949	-140.2258015	63.03535292	9/15/2016	Dan Brown Hozjan DB02	Chocolate Brown	Clay	Wet	Subtle Slope
1455208	WLF	07N	539151	6989784	912	-140.226113	63.03553414	9/15/2016	Dan Brown Hozjan DB02	Dark Brown	Clay	Wet	Subtle Slope
1455209	WLF	07N	539137	6989802	911	-140.2263854	63.03569719	9/15/2016	Dan Brown Hozjan DB02	Dark Brown	Clay	Wet	Subtle Slope
1455189	WLF	07N	539423	6989422	871	-140.2208237	63.03225591	9/15/2016	Dan Brown Hozjan DB02	Light Brown	Sand	Dry	Subtle Slope
1455926	WLF	07N	540159	6989951	965	-140.2061496	63.03692255	9/15/2016	Grace Bisaro GB02	Dark Brown	Silt	Wet	Subtle Slope
1455927	WLF	07N	540174	6989929	973	-140.2058585	63.03672345	9/15/2016	Grace Bisaro GB02	Dark Brown	Silt	Wet	Pronounced Slope
1455928	WLF	07N	540189	6989905	982	-140.2055679	63.0365064	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Damp	Subtle Slope
1455929	WLF	07N	540206	6989883	986	-140.2052373	63.03630708	9/15/2016	Grace Bisaro GB02	Dark Brown	Silt	Damp	Subtle Slope
1455930	WLF	07N	540220	6989865	989	-140.2049649	63.03614399	9/15/2016	Grace Bisaro GB02	Reddish Yellow	Sand	Dry	Subtle Slope
1455931	WLF	07N	540223	6989845	992	-140.2049105	63.03596417	9/15/2016	Grace Bisaro GB02	Reddish Orange	Silt	Dry	Subtle Slope
1455932	WLF	07N	540251	6989824	991	-140.2043623	63.03577259	9/15/2016	Grace Bisaro GB02	Reddish Yellow	Silt	Dry	Subtle Slope
1455933	WLF	07N	540266	6989805	989	-140.2040704	63.03560041	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Subtle Slope
1455934	WLF	07N	540281	6989786	983	-140.2037786	63.03542823	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Pronounced Slope
1455934	WLF	07N	540281	6989786	983	-140.2037786	63.03542823	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Pronounced Slope
1455935	WLF	07N	540296	6989765	979	-140.2034873	63.0352381	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Pronounced Slope
1455936	WLF	07N	540312	6989745	970	-140.203176	63.03505684	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Pronounced Slope
1455937	WLF	07N	540326	6989725	962	-140.2029042	63.03487579	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Pronounced Slope
1455938	WLF	07N	540343	6989705	952	-140.2025731	63.03469441	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Pronounced Slope
1455939	WLF	07N	540262	6989645	967	-140.2041887	63.03416496	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Pronounced Slope
1455940	WLF	07N	540245	6989664	977	-140.20452	63.03433736	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Pronounced Slope
1455941	WLF	07N	540230	6989685	987	-140.2048113	63.03452749	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Pronounced Slope
1455942	WLF	07N	540215	6989706	993	-140.2051026	63.03471762	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Pronounced Slope
1455943	WLF	07N	540200	6989725	1000	-140.2053945	63.03488979	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Subtle Slope
1455944	WLF	07N	540185	6989746	1002	-140.2056858	63.03507992	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Subtle Slope
1455945	WLF	07N	540170	6989765	1003	-140.2059776	63.03525209	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Subtle Slope
1455946	WLF	07N	540155	6989786	1001	-140.2062689	63.03544222	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Subtle Slope
1455947	WLF	07N	540141	6989804	1000	-140.2065413	63.03560531	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Subtle Slope
1455948	WLF	07N	540124	6989826	998	-140.2068719	63.03580463	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Dry	Subtle Slope
1455949	WLF	07N	540109	6989845	995	-140.2071637	63.0359768	9/15/2016	Grace Bisaro GB02	Dark Blue Black	Silt	Dry	Subtle Slope
1455950	WLF	07N	540109	6989845	995	-140.2071637	63.0359768	9/15/2016	Grace Bisaro GB02	Dark Blue Black	Silt	Dry	Subtle Slope
1455951	WLF	07N	540094	6989865	990	-140.2074553	63.03615795	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Damp	Subtle Slope
1455952	WLF	07N	540080	6989885	980	-140.2077272	63.03633899	9/15/2016	Grace Bisaro GB02	Chocolate Brown	Silt	Damp	Pronounced Slope
1455953	WLF	07N	540050	6989925	964	-140.2083104	63.03670128	9/15/2016	Grace Bisaro GB02	Dark Brown	Silt	Damp	Pronounced Slope
1455954	WLF	07N	540033	6989946	953	-140.2086413	63.03689162	9/15/2016	Grace Bisaro GB02	Dark Brown	Silt	Damp	Steep
1455955	WLF	07N	540020	6989966	944	-140.2088934	63.03707254	9/15/2016	Grace Bisaro GB02	Dark Brown	Sand	Damp	Pronounced Slope
1455051	WLF	07N	539782	6989283	854	-140.2137627	63.03096924	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455052	WLF	07N	539764	6989303	865	-140.2141136	63.0311507	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455053	WLF	07N	539751	6989325	877	-140.2143651	63.03134957	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455054	WLF	07N	539735	6989342	882	-140.2146772	63.03150389	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455055	WLF	07N	539720	6989363	884	-140.2149686	63.03169399	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455056	WLF	07N	539706	6989383	886	-140.2152404	63.03187501	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455057	WLF	07N	539689	6989403	892	-140.2155716	63.03205636	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455058	WLF	07N	539675	6989424	895	-140.2158432	63.03224636	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455059	WLF	07N	539659	6989443	899	-140.2161548	63.03241862	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope

sample_id	depth	horizon	site_veget	ground_cov	quality	note1	note2	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm
1455198	60	C	Birch Forest	Leaf Cover	Good	Sandy		2.2	39.2	10.3	32	0.1	10.6	6.5
1455199	70	C	Birch Forest	Leaf Cover	Excellent			1.2	79.9	14.2	58	0.2	10.9	17.4
1455200	70	C	Birch Forest	Leaf Cover	Excellent			1.9	99.7	17.5	74	0.2	11.1	20.2
1455201	70	C	Birch Forest	Thin Moss Cover	Excellent			1.9	90.6	19.2	69	0.1	16.7	27.6
1455202	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent			4.2	133.1	24.9	79	0.2	13.5	35.6
1455203	60	C	Black Spruce	Reindeer Moss	Good			3.7	107.1	5.6	49	0.2	9.7	14.8
1455204	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen		3.2	58.5	9.8	47	0.4	11.3	12.9
1455205	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen		3.5	36.9	11.6	44	0.4	12	7
1455207	50	B	Black Spruce	Reindeer Moss	Poor	Partially Frozen		3.5	29	10.4	63	0.2	17.2	12.7
1455208	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Organic 10%	2.7	45.9	14	55	0.3	23.7	11.4
1455209	70	B	Black Spruce	Reindeer Moss	Poor	Partially Frozen		3.3	61.3	14.1	71	0.4	19.6	9.4
1455189	60	C	Birch Forest	Leaf Cover	Good			1.8	22.2	168.2	95	0.8	10.1	5.8
1455926	10	A	Dwarf Birch	Sphagnum Moss > 30cm	Poor	Organic 50%	Mud	6.1	57.6	19.1	52	0.2	13.9	6.8
1455927	40	B	Dwarf Birch	Sphagnum Moss > 30cm	Poor	Mud	Organic 10%	3	32.7	8.2	24	0.2	6.9	3
1455928	70	C	Dwarf Birch	Sphagnum Moss > 30cm	Poor	Rusty Rock Chip		5.3	88.7	18.8	52	0.3	13.6	6.8
1455929	60	C	Dwarf Birch	Thin Moss Cover	Good	Rusty Rock Chip		3.6	41.5	25	53	0.3	17.6	7.4
1455930	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Rusty Rock Chip		3.9	40.1	26.1	51	0.3	14.5	6.9
1455931	50	C	Dwarf Birch	Thin Moss Cover	Good	Dull Red Rust	Rusty Rock Chip	2.8	32.8	24.3	38	0.4	13.6	4.8
1455932	60	C	Dwarf Birch	Thin Moss Cover	Good	Sandy		3.4	62	16	53	0.3	42.4	8
1455933	50	C	Dwarf Birch	Thin Moss Cover	Good			1.8	28.7	18.2	48	0.3	17.4	7.6
1455934	50	B	Dwarf Birch	Thin Moss Cover	Poor	Rusty Rock Chip		2.1	34.8	26.1	67	0.5	20.4	8.1
1455934	50	B	Dwarf Birch	Thin Moss Cover	Poor	Rusty Rock Chip		2.2	34.4	25.6	64	0.5	20.3	8
1455935	30	B	Black Spruce	Thin Moss Cover	Poor	Rocky Sample		1.8	20.8	29.9	71	0.3	18	9.6
1455936	40	B	Birch Forest	Grass Cover	Poor			2.3	17.3	29.2	59	0.3	16.8	8.8
1455937	40	B	Birch Forest	Grass Cover	Poor			1.4	19.4	22	54	0.2	17.1	9.6
1455938	50	B	Birch Forest	Leaf Cover	Poor			1.8	18	21.6	53	0.3	17.7	8.6
1455939	30	B	Birch Forest	Leaf Cover	Poor			1.4	18.6	13.2	47	0.2	18.7	9.9
1455940	40	B	White Spruce	Leaf Cover	Poor			2.2	26.7	21.3	54	0.4	17.5	8.8
1455941	30	B	White Spruce	Leaf Cover	Poor	Rocky Sample		1.3	15.3	16.8	70	0.4	11.8	10.5
1455942	30	B	Birch Forest	Leaf Cover	Poor			1.7	28.8	17.9	119	1.5	33.2	15.9
1455943	30	B	Dwarf Birch	Leaf Cover	Poor			0.9	19.9	15.2	55	0.1	24	10.1
1455944	50	C	Dwarf Birch	Thin Moss Cover	Good			1.1	25.1	18	51	0.2	17	7.7
1455945	40	C	Dwarf Birch	Leaf Cover	Good			1.9	43.4	18.7	57	0.2	21.8	11
1455946	50	C	Dwarf Birch	Leaf Cover	Good	Rusty Rock Chip		2.1	39.7	18.8	61	0.3	21.8	12.5
1455947	40	C	Dwarf Birch	Leaf Cover	Good	Rusty Rock Chip		2.4	49	29.6	58	0.2	13.9	9.3
1455948	50	B	Dwarf Birch	Leaf Cover	Poor	Rusty Rock Chip		2.8	46	17	54	0.4	16.7	8.7
1455949	40	B	Dwarf Birch	Leaf Cover	Poor	Rocky Sample	Rusty Rock Chip	2.1	35.8	26.5	69	0.3	20.2	12.6
1455950	40	B	Dwarf Birch	Leaf Cover	Poor	Rocky Sample	Rusty Rock Chip	1.9	32.8	27.5	73	0.3	20.7	12.3
1455951	70	A	Dwarf Birch	Sphagnum Moss > 30cm	Poor	Rusty Rock Chip	Organic 50%	2.4	44.4	18.7	56	0.2	18.2	8.8
1455952	60	B	Dwarf Birch	Sphagnum Moss > 30cm	Poor			2.7	54.5	26.2	68	0.4	19.9	9.3
1455953	40	B	Dwarf Birch	Sphagnum Moss > 30cm	Poor	Rocky Sample	Organic 25%	1.9	23.5	31.4	56	0.4	15.4	6.9
1455954	40	A	Dwarf Birch	Sphagnum Moss > 30cm	Poor			1	27.4	21.5	36	0.3	12.5	4.2
1455955	60	C	Dwarf Birch	Sphagnum Moss > 30cm	Good			1.9	34.7	28.6	66	0.2	24.6	9.9
1455051	90	C	Birch Forest	Leaf Cover	Good	Fine	Loess	1.7	25	21.5	65	0.5	15.6	11.2
1455052	50	C	Birch Forest	Leaf Cover	Good	Fine	Rusty Rock Chip	1.1	19.6	20.5	63	0.1	14.4	9.3
1455053	60	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	1.4	24.3	17.8	60	0.2	14.4	12.3
1455054	50	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	0.8	21.5	17.6	56	0.05	17	10.9
1455055	60	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	1.1	24.8	17.1	50	0.2	17.5	9.6
1455056	60	C	Birch Forest	Leaf Cover	Good	Fine	Dull Red Rust	1.2	32.2	17.9	53	0.1	18	10.5
1455057	40	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	1.6	29.5	22.3	48	0.2	14.5	8.5
1455058	40	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	1.9	29.2	23.8	51	0.3	14.2	8.7
1455059	40	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	3.1	31.8	32.9	61	0.2	10	7.7

sample_id	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	ca_pct	p_pct	la_ppm	cr_ppm	mg_pct	ti_pct	ba_ppm
1455198	144	2.57	13.9	2	77.1	6.2	24	0.05	1	72	0.4	0.21	0.048	13	42	0.89	0.205	112
1455199	341	5.39	11.9	2.3	63.6	10.1	44	0.05	0.7	180	0.5	0.31	0.047	20	31	1.82	0.458	346
1455200	365	6.67	22.6	3.1	76.9	11.3	76	0.1	2	192	0.6	0.42	0.058	22	29	1.92	0.506	415
1455201	526	5.9	17.8	2.1	74.7	7.2	31	0.2	1.7	184	0.8	0.41	0.064	10	36	1.68	0.392	385
1455202	498	7.82	69.5	3.8	139.4	14.8	54	0.2	1.9	261	1.9	0.44	0.097	23	38	2.41	0.554	447
1455203	258	5.59	50.5	1.7	25.8	6.5	47	0.05	2.9	166	0.9	0.25	0.12	20	34	1.9	0.498	432
1455204	255	3.03	14.2	3.2	15.2	4.9	74	0.3	1.5	89	0.8	0.37	0.057	12	26	0.88	0.197	172
1455205	132	2.61	31.5	1.3	11.9	2.7	32	0.1	3.3	73	0.8	0.3	0.046	8	32	0.75	0.185	157
1455207	358	2.99	7.6	1.8	5.2	4.5	27	0.1	0.5	75	0.3	0.35	0.061	7	33	0.81	0.182	100
1455208	292	2.67	8.7	6.3	6.5	6.9	56	0.3	0.9	66	1.2	0.77	0.08	18	43	0.64	0.128	154
1455209	194	2.6	9.2	4	8.4	5.9	30	0.3	0.8	76	2.7	0.35	0.068	11	40	0.65	0.161	118
1455189	244	3.27	116	1.6	68	5.6	28	0.4	5.6	77	1.1	0.37	0.076	16	48	1.07	0.196	106
1455926	157	2.62	16.7	1.6	24.2	2.8	28	0.2	1.1	63	0.5	0.26	0.054	9	31	0.56	0.102	72
1455927	52	1.31	11.5	1.1	7.2	0.6	21	0.1	0.8	30	0.3	0.16	0.036	5	18	0.27	0.048	45
1455928	125	2.61	25.3	2.6	17.4	4.3	86	0.3	1.8	61	0.6	0.32	0.065	14	32	0.69	0.101	101
1455929	121	2.92	28.4	2.6	18.5	3.4	66	0.3	2.1	64	0.7	0.27	0.068	14	40	0.66	0.081	86
1455930	156	3	32.4	2.6	35.8	5.8	71	0.2	1.9	61	0.7	0.35	0.064	12	32	0.65	0.067	82
1455931	131	3.43	25.4	2.7	34.4	6.9	97	0.1	2.5	71	0.6	0.32	0.075	13	45	0.84	0.145	94
1455932	254	4.87	29.4	2.3	27.2	4.5	108	0.1	6.6	97	0.5	0.44	0.069	13	138	1.31	0.197	190
1455933	191	3.14	23.5	1.4	13.6	4	59	0.2	1.4	68	0.4	0.25	0.05	10	34	0.54	0.079	111
1455934	242	3.22	21.8	2.8	25.6	3.8	52	0.3	1.6	65	0.6	0.28	0.057	11	38	0.51	0.089	109
1455934	240	3.2	21.7	2.7	22.8	3.7	53	0.4	1.5	64	0.6	0.28	0.059	11	36	0.51	0.084	108
1455935	280	3.02	25.8	1.9	18.3	5	43	0.5	1.6	61	0.7	0.28	0.055	11	29	0.53	0.108	105
1455936	228	3.17	21.7	1.1	8	3.6	36	0.4	1	75	0.6	0.24	0.049	9	30	0.51	0.107	114
1455937	250	2.8	56.3	1.5	10.4	5.2	46	0.3	3.3	63	0.6	0.3	0.04	13	31	0.56	0.109	96
1455938	237	3.06	55.1	1	6.4	4	34	0.3	2.7	71	0.5	0.25	0.028	9	32	0.57	0.116	100
1455939	375	2.81	10.2	0.5	2	1.8	20	0.6	0.5	68	0.3	0.22	0.041	6	29	0.43	0.088	93
1455940	211	3	16	0.7	8.4	2.4	32	0.5	1.1	74	0.4	0.29	0.025	6	30	0.49	0.111	114
1455941	423	2.19	6.7	0.4	4.6	1.3	20	0.7	0.4	52	0.2	0.19	0.046	5	21	0.25	0.068	105
1455942	407	3.7	11.1	0.5	3.1	1.7	18	1.2	0.5	86	0.2	0.21	0.047	5	45	0.53	0.078	114
1455943	250	2.99	10.8	1.2	8.3	2.9	29	0.2	0.6	70	0.3	0.3	0.04	10	36	0.59	0.095	116
1455944	209	2.86	14	1.9	11.2	4	45	0.2	1	59	0.5	0.36	0.048	11	30	0.54	0.098	71
1455945	244	3.3	18.6	3.1	12.3	5.7	56	0.3	1.4	69	0.6	0.35	0.062	16	34	0.72	0.129	108
1455946	248	3.59	21.2	3.2	23.6	6.5	33	0.3	1	76	0.6	0.25	0.068	14	37	0.76	0.123	100
1455947	186	3.33	39	2.5	28.5	6.9	76	0.3	2.6	67	0.8	0.35	0.069	12	32	0.64	0.1	83
1455948	150	2.69	31.1	2.8	23	3.1	45	0.5	1.4	54	0.7	0.24	0.075	12	30	0.49	0.08	96
1455949	176	2.85	15.2	2.7	14.4	4.9	36	0.4	0.8	65	0.6	0.26	0.052	13	33	0.65	0.121	115
1455950	166	2.76	15.7	2.6	17.8	4.6	35	0.3	0.9	63	0.6	0.25	0.05	13	33	0.64	0.119	114
1455951	129	2.7	12	1.8	12.6	2.8	32	0.4	0.6	65	0.5	0.24	0.047	10	32	0.59	0.099	76
1455952	157	2.55	10.7	2	14.1	2.1	42	0.4	0.6	58	0.6	0.28	0.06	10	34	0.54	0.084	80
1455953	220	1.77	8.7	1.3	21.7	1.5	33	0.5	0.4	43	0.4	0.3	0.055	7	25	0.31	0.058	56
1455954	110	1.31	5	1.4	8.6	0.4	20	0.4	0.3	29	0.3	0.2	0.051	6	25	0.24	0.043	54
1455955	346	2.45	8.3	1.3	9.5	4.4	39	0.3	0.5	67	0.4	0.38	0.06	10	44	0.53	0.106	68
1455051	455	3.14	26	2.3	23	5.1	40	0.5	0.8	83	1.5	0.53	0.059	17	28	0.76	0.161	210
1455052	291	3.25	31.4	1.3	24.4	5.1	34	0.3	1.1	88	2	0.49	0.035	12	27	0.76	0.164	160
1455053	446	3.1	17	1.9	15.2	5.9	35	0.3	1.1	86	1.4	0.5	0.053	14	27	0.73	0.174	188
1455054	318	3.14	16.6	0.8	11.4	5.2	32	0.2	0.7	89	1.1	0.45	0.028	12	33	0.74	0.179	162
1455055	294	2.94	14.3	1	19	3.6	36	0.3	0.7	77	1.6	0.43	0.039	10	32	0.72	0.15	165
1455056	317	2.73	12.3	1.6	34	4.7	37	0.2	0.7	69	0.7	0.41	0.036	14	35	0.58	0.104	159
1455057	266	2.58	13.9	1.2	34.4	4	35	0.3	0.7	65	0.7	0.36	0.037	11	29	0.5	0.093	115
1455058	271	2.56	14	1.4	74.9	3.9	32	0.3	0.9	62	0.8	0.39	0.048	11	27	0.53	0.09	100
1455059	249	2.59	24	2.1	47.8	5.4	42	0.3	3.1	61	0.9	0.36	0.051	14	26	0.5	0.106	96

sample_id	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	tl_ppm	sc_ppm	s_pct	se_ppm	ga_ppm	te_ppm	sample_typ	analysis_m	shipment_i	job_number
1455198	0.5	1.84	0.021	0.28	0.2	0.005	0.6	6.4	0.09	0.25		6	0.6 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455199	0.5	2.93	0.029	1.19	0.2	0.01	1.7	15.3	0.19	0.25		9	0.7 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455200	0.5	3.31	0.04	1.51	0.2	0.005	2.1	18.1	0.29	0.25		9	0.8 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455201	1	3.72	0.036	0.93	0.3	0.02	1.6	17.8	0.07	0.6		10	0.5 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455202	0.5	3.95	0.033	1.3	0.4	0.01	2.7	24.8	0.17	1.1		13	1.5 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455203	0.5	2.79	0.037	1.29	0.7	0.01	2.2	15	0.28	0.25		8	0.8 SOIL	AQ201	WLF2016-10-14	WHI16000374
1455204	2	1.78	0.026	0.36	0.7	0.02	0.7	7.7	0.08	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000374
1455205	2	1.58	0.019	0.22	0.6	0.05	0.5	6.8	0.06	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000374
1455207	0.5	1.92	0.019	0.12	0.9	0.03	0.4	4.8	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455208	1	1.91	0.021	0.07	0.3	0.04	0.2	6.3	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000374
1455209	2	1.81	0.017	0.08	0.4	0.05	0.2	5.2	0.05	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000374
1455189	0.5	1.82	0.019	0.43	0.2	0.005	0.8	6.3	0.025	0.25		7	0.4 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455926	0.5	1.83	0.015	0.05	0.5	0.02	0.2	3.3	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455927	0.5	0.96	0.021	0.03	0.1	0.03	0.1	1.8	0.025	0.25		4	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455928	0.5	2.02	0.025	0.11	0.2	0.02	0.2	5.2	0.07	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455929	0.5	2.09	0.021	0.07	0.3	0.02	0.2	4.7	0.025	0.5		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455930	0.5	1.8	0.025	0.07	0.4	0.02	0.2	5.2	0.06	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455931	0.5	1.86	0.037	0.17	0.2	0.01	0.3	5.9	0.17	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455932	0.5	2.66	0.026	0.27	77.7	0.02	0.6	5.6	0.1	0.25		9	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455933	0.5	2.17	0.019	0.05	0.6	0.01	0.2	3.7	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455934	2	2.44	0.02	0.07	1.8	0.03	0.2	4.3	0.025	0.25		8	0.3 REP	AQ201	WLF2016-10-14	WHI16000373
1455934	1	2.44	0.02	0.07	1.9	0.03	0.2	4.2	0.025	0.25		7	0.3 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455935	0.5	2.11	0.014	0.07	0.6	0.03	0.2	4.2	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455936	0.5	2.25	0.011	0.07	0.3	0.03	0.2	3.7	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455937	0.5	1.76	0.019	0.05	0.4	0.005	0.2	4.3	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455938	0.5	2.11	0.014	0.06	0.4	0.02	0.2	3.8	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455939	0.5	1.77	0.015	0.05	0.5	0.01	0.1	2.9	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455940	0.5	1.9	0.015	0.05	4.7	0.02	0.2	3	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455941	0.5	1.15	0.019	0.04	0.4	0.01	0.1	2	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455942	1	2.66	0.017	0.06	0.5	0.04	0.3	3.1	0.025	0.25		8	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455943	2	2.23	0.018	0.04	0.1	0.02	0.1	4.2	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455944	2	1.62	0.024	0.04	0.4	0.005	0.2	3.7	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455945	1	2.06	0.02	0.06	0.2	0.03	0.2	6.9	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455946	1	2.66	0.017	0.05	0.2	0.04	0.2	8.1	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455947	0.5	1.89	0.034	0.08	0.2	0.01	0.3	7.5	0.12	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455948	1	2.1	0.018	0.05	0.2	0.04	0.2	5	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455949	0.5	2.06	0.017	0.05	0.2	0.03	0.1	6.2	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455950	1	2.11	0.016	0.05	0.2	0.03	0.1	6.1	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455951	1	1.91	0.018	0.05	0.2	0.03	0.2	4.4	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455952	2	1.81	0.019	0.05	0.2	0.03	0.2	3.9	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455953	2	1.22	0.02	0.04	0.2	0.03	0.05	2.7	0.025	0.25		4	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455954	2	1.03	0.015	0.03	0.1	0.04	0.1	1.7	0.05	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455955	2	1.47	0.018	0.07	0.6	0.02	0.2	2.7	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455051	1	2.17	0.026	0.14	0.4	0.02	0.4	6.3	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455052	0.5	2.25	0.02	0.13	0.3	0.03	0.3	5.7	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455053	0.5	2.07	0.023	0.15	0.3	0.02	0.3	5.2	0.025	0.25		7	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455054	1	2.05	0.023	0.08	0.3	0.01	0.2	4.8	0.025	0.25		6	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455055	0.5	2.06	0.031	0.09	0.4	0.02	0.3	4.2	0.025	0.25		6	0.3 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455056	1	1.82	0.022	0.04	0.2	0.01	0.1	5.3	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455057	0.5	1.75	0.019	0.03	0.3	0.01	0.1	4.2	0.025	0.25		5	0.1 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455058	0.5	1.72	0.02	0.03	0.3	0.01	0.1	4.1	0.025	0.25		5	0.3 SOIL	AQ201	WLF2016-10-14	WHI16000373
1455059	0.5	1.59	0.02	0.08	0.3	0.02	0.3	4.6	0.025	0.25		5	0.4 SOIL	AQ201	WLF2016-10-14	WHI16000373

sample_id	project_id	utm_zone	utm_eastin	utm_northi	elevation_	longitude	latitude	sample_dat	technician	colour	texture	moisture	site_slope
1455060	WLF	07N	539644	6989463	908	-140.2164464	63.03259975	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455061	WLF	07N	539629	6989483	909	-140.216738	63.03278088	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455062	WLF	07N	539612	6989503	913	-140.2170692	63.03296223	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455063	WLF	07N	539597	6989522	916	-140.217361	63.03313438	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455064	WLF	07N	539582	6989542	922	-140.2176527	63.03331551	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455065	WLF	07N	539568	6989563	928	-140.2179243	63.03350555	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455066	WLF	07N	539554	6989583	929	-140.2181962	63.03368652	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455067	WLF	07N	539542	6989602	940	-140.2184288	63.03385834	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455068	WLF	07N	539861	6989341	882	-140.2121875	63.03148107	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455069	WLF	07N	539844	6989363	883	-140.2125181	63.03168038	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455070	WLF	07N	539831	6989383	888	-140.2127702	63.0318613	9/15/2016	Jack Taforo JT01	Dark Brown	Silt	Dry	Subtle Slope
1455071	WLF	07N	539814	6989404	890	-140.213101	63.03205163	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455072	WLF	07N	539800	6989424	904	-140.2133729	63.03223265	9/15/2016	Jack Taforo JT01	Chocolate Brown	Sand	Dry	Subtle Slope
1455073	WLF	07N	539784	6989446	907	-140.2136838	63.03243185	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455076	WLF	07N	539770	6989465	912	-140.2139558	63.0326039	9/15/2016	Jack Taforo JT01	Light Brown	Silt	Dry	Subtle Slope
1455074	WLF	07N	539753	6989483	922	-140.2142875	63.0327673	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455075	WLF	07N	539753	6989483	922	-140.2142926	63.0327689	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455077	WLF	07N	539738	6989503	920	-140.2145791	63.03294843	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455078	WLF	07N	539724	6989524	927	-140.2148507	63.03313843	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455079	WLF	07N	539707	6989543	933	-140.2151821	63.03331081	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455079	WLF	07N	539707	6989543	933	-140.2151821	63.03331081	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455080	WLF	07N	539695	6989564	937	-140.2154141	63.03350059	9/15/2016	Jack Taforo JT01	Dark Brown	Silt	Dry	Subtle Slope
1455081	WLF	07N	539678	6989584	946	-140.2157453	63.03368194	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455082	WLF	07N	539665	6989606	947	-140.2159969	63.0338808	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455083	WLF	07N	539649	6989626	951	-140.2163083	63.03406203	9/15/2016	Jack Taforo JT01	Dark Brown	Silt	Dry	Subtle Slope
1455084	WLF	07N	539633	6989643	954	-140.2166204	63.03421635	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455085	WLF	07N	539619	6989665	959	-140.2168918	63.03441532	9/15/2016	Jack Taforo JT01	Chocolate Brown	Silt	Dry	Subtle Slope
1455126	WLF	07N	539702	6989218	845	-140.2153593	63.03039468	9/15/2016	Mark Severinsen MS01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455127	WLF	07N	539683	6989243	841	-140.2157287	63.03062112	9/15/2016	Mark Severinsen MS01	Chocolate Brown	Silt	Dry	Subtle Slope
1455128	WLF	07N	539668	6989262	847	-140.2160205	63.03079327	9/15/2016	Mark Severinsen MS01	Bluish Grey	Sand	Dry	Subtle Slope
1455129	WLF	07N	539652	6989284	848	-140.2163314	63.03099246	9/15/2016	Mark Severinsen MS01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455130	WLF	07N	539638	6989304	850	-140.2166033	63.03117348	9/15/2016	Mark Severinsen MS01	Light Brown	Silt	Dry	Pronounced Slope
1455131	WLF	07N	539623	6989324	853	-140.2168949	63.03135461	9/15/2016	Mark Severinsen MS01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455132	WLF	07N	539608	6989343	863	-140.2171867	63.03152676	9/15/2016	Mark Severinsen MS01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455133	WLF	07N	539593	6989363	869	-140.2174783	63.03170789	9/15/2016	Mark Severinsen MS01	Chocolate Brown	Silt	Dry	Steep
1455134	WLF	07N	539579	6989383	876	-140.2177502	63.03188891	9/15/2016	Mark Severinsen MS01	Reddish Yellow	Gravel	Dry	Pronounced Slope
1455135	WLF	07N	539562	6989403	877	-140.2180814	63.03207025	9/15/2016	Mark Severinsen MS01	Light Brown	Silt	Dry	Pronounced Slope
1455136	WLF	07N	539546	6989423	875	-140.2183927	63.03225148	9/15/2016	Mark Severinsen MS01	Light Brown	Silt	Dry	Pronounced Slope
1455137	WLF	07N	539531	6989442	881	-140.2186846	63.03242363	9/15/2016	Mark Severinsen MS01	Light Brown	Silt	Dry	Pronounced Slope
1455137	WLF	07N	539531	6989442	881	-140.2186846	63.03242363	9/15/2016	Mark Severinsen MS01	Light Brown	Silt	Dry	Pronounced Slope
1455138	WLF	07N	539517	6989463	886	-140.2189562	63.03261362	9/15/2016	Mark Severinsen MS01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455139	WLF	07N	539502	6989484	890	-140.2192476	63.03280372	9/15/2016	Mark Severinsen MS01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455140	WLF	07N	539488	6989502	897	-140.21952	63.03296679	9/15/2016	Mark Severinsen MS01	Light Brown	Silt	Dry	Pronounced Slope
1455141	WLF	07N	539472	6989524	899	-140.2198309	63.03316597	9/15/2016	Mark Severinsen MS01	Reddish Yellow	Silt	Dry	Pronounced Slope
1455142	WLF	07N	539458	6989544	910	-140.2201028	63.03334698	9/15/2016	Mark Severinsen MS01	Chocolate Brown	Silt	Dry	Pronounced Slope
1455143	WLF	07N	539442	6989564	908	-140.2204142	63.03352821	9/15/2016	Mark Severinsen MS01	Reddish Yellow	Sand	Dry	Pronounced Slope
1455144	WLF	07N	539426	6989585	914	-140.2207254	63.03371841	9/15/2016	Mark Severinsen MS01	Reddish Yellow	Silt	Dry	Pronounced Slope
1455145	WLF	07N	539413	6989603	923	-140.220978	63.03388137	9/15/2016	Mark Severinsen MS01	Reddish Yellow	Sand	Dry	Pronounced Slope
1455146	WLF	07N	539397	6989623	926	-140.2212894	63.0340626	9/15/2016	Mark Severinsen MS01	Reddish Yellow	Sand	Dry	Pronounced Slope
1455147	WLF	07N	539381	6989644	931	-140.2216006	63.0342528	9/15/2016	Mark Severinsen MS01	Reddish Yellow	Silt	Dry	Subtle Slope
1455148	WLF	07N	539367	6989662	938	-140.221873	63.03441586	9/15/2016	Mark Severinsen MS01	Chocolate Brown	Silt	Dry	Subtle Slope
1455149	WLF	07N	539353	6989682	938	-140.2221449	63.03459687	9/15/2016	Mark Severinsen MS01	Light Brown	Gravel	Dry	Flat

sample_id	depth	horizon	site_veget	ground_cov	quality	note1	note2	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm
1455060	50	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	3.4	28.4	35.2	55	0.3	9.3	5.9
1455061	30	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	4	26.7	28.1	51	0.2	13.7	7.2
1455062	40	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	2.4	20.6	22.3	46	0.2	12.9	8.3
1455063	40	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	2.2	29.7	31.7	49	0.1	10.7	8.1
1455064	40	C	Birch Forest	Leaf Cover	Good	Fine	Organic 10%	2.2	16.2	31.9	45	0.2	9.4	7.9
1455065	30	B	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	1.9	21.9	26.3	52	0.2	13.6	9.9
1455066	30	B	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	3.1	35.3	24.9	59	0.2	19.3	9.5
1455067	40	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	2.3	34.2	46.6	74	0.1	15.6	11.7
1455068	70	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	1.1	25.9	15.4	50	0.2	15.5	10.5
1455069	40	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	1.5	20	21.7	58	0.3	13.3	9.7
1455070	40	B	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	3	31	27	65	0.5	15.7	14.5
1455071	50	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	1.2	18.7	14.5	53	0.1	19.5	11
1455072	60	C	Birch Forest	Leaf Cover	Excellent	Dull Red Rust	Coarse	2.2	42.6	23	62	0.2	10.9	16.4
1455073	40	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	3.5	20.7	28.8	59	0.2	11.3	7.8
1455076	20	B	Birch Forest	Leaf Cover	Poor	Loess	Rocky Terrain	3	32.7	42.7	85	0.5	10.1	7.1
1455074	30	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	3.4	34	34.9	66	0.5	15.7	10.4
1455075	30	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	3.5	34.1	37.9	72	0.5	15.3	10.3
1455077	40	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	6.3	54.4	47.8	63	0.3	8.9	10.3
1455078	30	C	Birch Forest	Leaf Cover	Good	Rocky Sample	Rocky Terrain	2.2	26.7	21	60	0.4	18	10.2
1455079	40	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	3.4	59.7	29.7	75	0.6	21.3	12.4
1455079	40	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	3.3	58.3	30.7	76	0.6	22.1	12.3
1455080	30	C	Birch Forest	Leaf Cover	Good	Fine	Organic 10%	2.2	30.7	19	42	0.8	12.9	6.1
1455081	30	B	Birch Forest	Leaf Cover	Poor	Loess	Organic 10%	3.6	29.5	23.6	53	0.4	13.2	7.7
1455082	40	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	4.6	37.8	31	56	0.2	20.2	10
1455083	20	B	Birch Forest	Leaf Cover	Poor	Organic 25%	Rocky Terrain	2.7	25.8	20.9	69	0.7	18.4	11.5
1455084	30	B	Birch Forest	Leaf Cover	Good	Fine	Rocky Terrain	1.5	29.4	21.5	61	0.4	18	11.2
1455085	40	C	Birch Forest	Leaf Cover	Good	Fine	Rocky Sample	1.5	26.4	19.1	53	0.2	23.7	11.6
1455126	60	B	Poplar	Bare Soil	Good	Fine	Sandy	0.7	23.7	13.5	55	0.05	21.5	12
1455127	50	C	Poplar	Leaf Cover	Good	Coarse	Sandy	0.7	21.5	19.1	69	0.05	19.1	12.1
1455128	50	C	Poplar	Bare Soil	Excellent	Coarse	Sandy	0.3	18.6	92.2	123	0.05	15.3	24.3
1455129	60	C	Poplar	Bare Soil	Good	Coarse	Sandy	0.7	23	18.1	67	0.05	14.4	10.9
1455130	50	C	Poplar	Bare Soil	Good	Sandy	Coarse	0.9	28.8	12.6	62	0.2	18.1	13.4
1455131	60	C	Poplar	Bare Soil	Good	Coarse	Sandy	1	20.8	10.2	55	0.1	19.7	11.3
1455132	50	B	Poplar	Bare Soil	Good	Fine	Sandy	1.7	26.6	17.4	57	0.3	16.1	12
1455133	40	B	Poplar	Bare Soil	Good	Coarse	Sandy	1.7	33.8	20.6	58	0.3	15.7	13.6
1455134	60	C	Poplar	Bare Soil	Excellent	Coarse	Sandy	1.8	27.8	19.2	60	0.2	13.4	12.3
1455135	50	C	Poplar	Bare Soil	Good	Coarse	Sandy	3	25.2	26	53	0.2	12.9	8.6
1455136	50	C	Poplar	Bare Soil	Good	Coarse	Rocky Sample	1.3	25.8	19.7	49	0.1	15.8	7.6
1455137	60	C	Poplar	Bare Soil	Good	Fine	Sandy	1.6	23.5	22.6	48	0.2	13	7.5
1455137	60	C	Poplar	Bare Soil	Good	Fine	Sandy	1.9	23.5	23.7	51	0.2	13.3	8.3
1455138	50	B	Poplar	Thin Moss Cover	Good	Coarse	Sandy	1.4	25.1	19.7	46	0.1	13.8	8.5
1455139	50	C	Poplar	Thin Moss Cover	Good	Sandy	Coarse	1.7	24	20.9	53	0.2	15.3	8.8
1455140	40	C	Poplar	Bare Soil	Good	Coarse	Sandy	1.9	14.8	23.6	49	0.2	9.4	6
1455141	50	C	Poplar	Bare Soil	Good	Coarse	Sandy	2.7	35.4	128.5	123	0.6	12.7	8.1
1455142	60	C	Poplar	Leaf Cover	Good	Sandy	Coarse	1.7	33.5	20.3	52	0.1	12.7	8.2
1455143	40	C	Poplar	Leaf Cover	Good	Coarse	Small Sample	1.8	27.1	17.4	47	0.3	8.3	5.6
1455144	60	C	Poplar	Leaf Cover	Good	Coarse	Sandy	1.9	48.2	10.3	40	0.1	9.9	6.8
1455145	60	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy	1.4	43.8	11.7	29	0.1	6.7	6.9
1455146	40	C	Poplar	Leaf Cover	Good	Coarse	Loess	2.3	61.2	21	52	0.05	11.9	16.6
1455147	50	C	Poplar	Leaf Cover	Good	Coarse	Sandy	1.5	35.8	9.8	24	0.05	4.5	4.4
1455148	50	B	Poplar	Bare Soil	Good	Sandy	Fine	1.4	37	14.2	45	0.1	20.6	11.6
1455149	60	C	Poplar	Thin Moss Cover	Excellent	Coarse	Sandy	1.2	13.5	24.8	23	0.05	5.6	3.3

sample_id	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	ca_pct	p_pct	la_ppm	cr_ppm	mg_pct	ti_pct	ba_ppm
1455060	180	2.6	22.7	2.2	83.7	5.5	40	0.3	2.1	61	0.8	0.34	0.068	12	28	0.52	0.103	69
1455061	216	2.74	18.6	1.8	63.4	4.5	37	0.2	1.3	68	0.6	0.35	0.059	12	32	0.59	0.115	85
1455062	204	2.54	14.1	1.5	51.5	3.9	32	0.2	1	64	0.4	0.32	0.031	9	28	0.51	0.098	84
1455063	241	2.63	18.3	1.8	58	5.5	38	0.3	1.5	58	0.6	0.32	0.044	12	26	0.44	0.107	88
1455064	270	2.55	17.8	1.6	24.9	5.1	35	0.2	1.4	61	0.6	0.27	0.043	11	26	0.49	0.112	88
1455065	319	2.47	15.9	1.3	9.7	4.3	37	0.3	1.1	62	0.4	0.35	0.045	11	29	0.47	0.096	111
1455066	280	2.87	22.8	1	8	3.9	35	0.3	1.4	71	0.4	0.34	0.029	9	37	0.55	0.095	133
1455067	325	2.76	121.7	1.6	16.6	5.3	36	0.4	3.3	65	0.4	0.35	0.044	15	34	0.49	0.082	119
1455068	335	2.8	18.9	2.1	13.3	5.1	40	0.2	0.8	76	0.8	0.48	0.059	15	30	0.66	0.137	147
1455069	313	2.82	17.5	2	23.5	4.8	43	0.3	1	75	1	0.4	0.058	14	29	0.69	0.14	137
1455070	460	3.19	16.6	2.6	67.4	4.3	38	0.7	0.9	79	1.2	0.38	0.053	13	32	0.64	0.124	142
1455071	291	2.96	11.2	0.8	13.1	4.1	27	0.2	0.6	76	0.6	0.31	0.016	11	37	0.63	0.124	138
1455072	388	4.48	20.4	2.2	35.7	6.9	36	0.4	1.5	127	2.3	0.46	0.049	14	24	1.1	0.253	242
1455073	223	2.65	19.1	1.4	235.6	3.9	30	0.3	1	67	1.1	0.29	0.036	11	30	0.57	0.1	83
1455076	315	2.49	28.4	3.7	86.7	5.3	42	0.9	2	51	1.4	0.49	0.078	20	27	0.52	0.088	96
1455074	339	3.05	18.8	2.5	112.6	4.7	43	0.6	1.2	63	1.1	0.36	0.072	12	30	0.56	0.087	105
1455075	327	3.16	19.9	2.7	119.9	5.2	46	0.4	1.3	60	1.2	0.38	0.075	13	30	0.58	0.093	107
1455077	312	2.87	24.8	3.5	231.3	7.1	49	0.5	1.7	65	0.9	0.41	0.082	15	32	0.68	0.144	97
1455078	347	2.75	11.1	0.7	18.2	2.2	32	0.7	0.5	73	0.4	0.36	0.043	7	29	0.43	0.084	116
1455079	409	3.15	16.3	1.2	13.5	3.2	29	0.5	0.6	78	0.5	0.27	0.032	9	35	0.53	0.085	131
1455079	414	3.22	16.1	1.2	13.5	3.3	28	0.6	0.7	77	0.5	0.28	0.031	9	37	0.53	0.088	133
1455080	140	1.71	7.5	1.3	27.3	2.1	25	0.6	0.3	40	0.3	0.25	0.024	8	20	0.27	0.056	106
1455081	654	1.82	9.2	1	4	2.6	29	0.9	0.5	46	0.5	0.29	0.059	9	20	0.27	0.065	115
1455082	278	2.63	12.9	0.9	14.3	4.3	33	0.3	0.6	65	0.4	0.3	0.031	9	33	0.49	0.088	117
1455083	1712	2.44	8.8	0.7	2.9	1.7	27	1.2	0.4	62	0.3	0.32	0.054	7	28	0.38	0.077	170
1455084	757	2.68	10.8	0.9	4.8	3.5	33	0.6	0.9	69	0.3	0.35	0.036	11	32	0.48	0.078	154
1455085	464	2.92	10.6	0.5	4.9	3.5	33	0.4	0.8	77	0.2	0.31	0.028	8	37	0.58	0.096	157
1455126	489	3.25	12.7	0.9	6.2	4.2	34	0.1	0.6	82	0.7	0.49	0.027	13	39	0.78	0.155	219
1455127	396	3.55	23.5	0.6	2.6	4.4	36	0.1	0.7	91	1	0.5	0.022	11	36	0.88	0.198	249
1455128	1005	5.87	29.8	0.8	1	5.8	86	0.5	1.1	170	1.6	0.76	0.132	10	28	1.7	0.488	1656
1455129	454	3.39	39.9	0.7	7.4	4.2	39	0.1	0.7	90	0.8	0.6	0.046	11	27	0.87	0.194	285
1455130	483	3.83	74.9	1.5	12	4.5	40	0.3	0.9	100	1.4	0.61	0.063	14	27	1.01	0.206	295
1455131	388	3.51	33.8	1.1	11.4	4.5	29	0.1	0.7	86	0.9	0.48	0.039	12	37	0.85	0.182	180
1455132	394	2.84	15	1.8	20.1	4.2	33	0.4	0.9	69	1.7	0.41	0.05	13	29	0.59	0.112	170
1455133	493	2.85	18.5	2.7	37.7	5.4	32	0.4	0.9	70	1.7	0.44	0.063	15	31	0.59	0.102	152
1455134	408	4.14	19.4	1.8	82.7	5.6	35	0.2	1	108	14	0.5	0.049	13	30	1.01	0.241	233
1455135	262	2.86	21.5	1.9	38.9	5.1	34	0.2	2.3	70	0.8	0.41	0.072	12	40	0.67	0.136	107
1455136	220	2.64	16.4	1.5	16.6	5.3	35	0.1	1.7	64	0.6	0.44	0.057	14	35	0.61	0.114	118
1455137	221	2.76	20.3	1.4	18.8	4.7	33	0.2	3	66	0.5	0.39	0.046	11	32	0.6	0.111	106
1455137	224	2.81	20.8	1.4	17.5	4.8	34	0.1	3	68	0.5	0.39	0.047	12	33	0.6	0.115	108
1455138	230	2.67	21.1	1.7	19.5	5.6	32	0.1	2.1	65	0.4	0.37	0.054	14	30	0.6	0.111	111
1455139	213	2.94	32.5	1.7	11	4.6	30	0.2	2.7	72	0.4	0.32	0.037	13	34	0.59	0.102	115
1455140	168	2.63	80.6	1.4	31.3	5.2	40	0.3	11.4	59	0.3	0.33	0.057	13	29	0.63	0.102	77
1455141	235	3.06	606.6	1.7	71	6.4	32	1.5	7.9	65	0.9	0.33	0.056	16	33	0.65	0.088	167
1455142	179	2.99	28.3	1.7	25.4	6	32	0.2	5.2	66	0.5	0.25	0.049	16	32	0.64	0.131	103
1455143	153	3.28	59.7	1.8	28.2	5.7	39	0.2	5.5	73	0.3	0.21	0.055	15	37	0.8	0.195	82
1455144	175	2.95	25.2	2.2	26.6	7.3	24	0.05	11.9	65	0.3	0.19	0.047	13	32	0.73	0.167	82
1455145	148	3.33	8.5	3.3	28.4	8.9	49	0.05	1.5	73	0.2	0.19	0.062	22	33	0.88	0.241	133
1455146	239	2.6	32.1	2.6	90.6	9.4	54	0.1	9.2	66	0.3	0.21	0.049	17	30	0.75	0.192	124
1455147	80	2.37	24.1	2.7	23.9	7.8	31	0.05	8.3	69	0.2	0.21	0.054	15	32	0.84	0.186	84
1455148	234	3.2	11.5	2.9	31	6.5	21	0.05	2.2	75	0.2	0.21	0.038	16	41	0.79	0.173	112
1455149	103	0.87	13	1.6	15.6	7.2	11	0.05	2.9	21	0.4	0.17	0.025	9	9	0.3	0.035	43

sample_id	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	tl_ppm	sc_ppm	s_pct	se_ppm	ga_ppm	te_ppm	sample_typ	analysis_m	shipment_i	job_number
1455060	1	1.5	0.016	0.06	0.4	0.01	0.2	4.4	0.025	0.25	5	0.7	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455061	0.5	1.74	0.018	0.04	0.5	0.01	0.2	4.1	0.025	0.25	6	0.3	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455062	0.5	1.54	0.018	0.03	0.5	0.02	0.2	4.2	0.025	0.25	5	0.2	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455063	0.5	1.42	0.017	0.03	0.8	0.02	0.2	3.5	0.025	0.25	4	0.4	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455064	0.5	1.58	0.022	0.03	0.9	0.005	0.2	3.6	0.025	0.25	5	0.2	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455065	0.5	1.6	0.019	0.02	0.3	0.02	0.1	4	0.025	0.25	5	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455066	0.5	1.94	0.018	0.03	0.2	0.01	0.2	4.7	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455067	0.5	1.68	0.018	0.03	0.2	0.01	0.1	5.8	0.025	0.25	5	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455068	0.5	1.82	0.026	0.07	0.5	0.03	0.2	6	0.025	0.25	6	0.3	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455069	0.5	1.87	0.022	0.08	0.4	0.01	0.2	5.5	0.025	0.25	6	0.6	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455070	1	2.52	0.019	0.1	0.2	0.03	0.3	6.3	0.025	0.25	8	0.3	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455071	0.5	1.77	0.024	0.04	0.1	0.01	0.2	4.8	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455072	0.5	3.05	0.029	0.51	0.2	0.02	1.2	6.4	0.025	0.25	10	0.3	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455073	0.5	1.81	0.017	0.03	0.5	0.01	0.2	4	0.025	0.25	6	0.3	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455076	1	1.84	0.031	0.17	0.5	0.02	0.3	4.7	0.025	0.25	6	0.4	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455074	1	1.82	0.018	0.05	0.8	0.02	0.2	4.5	0.025	0.25	6	0.4	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455075	0.5	1.87	0.018	0.04	0.8	0.005	0.2	4.3	0.025	0.25	6	0.6	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455077	0.5	1.49	0.021	0.14	0.5	0.01	0.4	5.1	0.025	0.25	5	0.8	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455078	0.5	1.79	0.015	0.04	0.2	0.01	0.2	3.3	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455079	1	2.25	0.015	0.03	0.3	0.02	0.2	4.4	0.025	0.25	7	0.1	REP	AQ201	WLF2016-10-14	WHI16000373
1455079	1	2.23	0.015	0.03	0.3	0.02	0.2	4.6	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455080	1	1.4	0.019	0.03	0.1	0.02	0.1	2.8	0.025	0.25	5	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455081	1	1.14	0.018	0.03	0.2	0.02	0.1	2.7	0.025	0.25	5	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455082	0.5	1.75	0.018	0.02	0.2	0.02	0.1	3.6	0.025	0.25	5	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455083	0.5	1.84	0.021	0.04	0.2	0.03	0.2	3.9	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455084	0.5	1.89	0.019	0.03	0.2	0.01	0.1	4.7	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455085	1	2.21	0.017	0.03	0.1	0.02	0.1	4.7	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455126	1	2.25	0.029	0.08	0.2	0.02	0.2	6.7	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455127	1	2.42	0.023	0.27	0.3	0.02	0.5	6.6	0.025	0.25	8	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455128	0.5	3.6	0.036	1.52	0.4	0.01	1.4	8.4	0.025	0.25	11	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455129	0.5	2.21	0.031	0.18	0.3	0.01	0.2	5.6	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455130	0.5	2.47	0.031	0.26	0.7	0.02	0.4	6.7	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455131	0.5	2.2	0.025	0.14	0.3	0.01	0.3	6	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455132	0.5	1.93	0.018	0.05	0.2	0.01	0.2	5	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455133	1	1.74	0.015	0.06	0.4	0.02	0.2	6.3	0.025	0.25	5	0.3	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455134	1	2.33	0.022	0.27	0.7	0.01	0.7	6.4	0.025	0.25	8	0.4	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455135	0.5	1.63	0.017	0.08	0.8	0.02	0.2	5.6	0.025	0.25	5	0.6	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455136	0.5	1.55	0.021	0.05	0.2	0.01	0.2	5.3	0.025	0.25	5	0.2	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455137	0.5	1.79	0.015	0.04	0.2	0.01	0.2	4.7	0.025	0.25	6	0.3	REP	AQ201	WLF2016-10-14	WHI16000373
1455137	0.5	1.79	0.016	0.04	0.2	0.01	0.2	4.8	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455138	0.5	1.56	0.02	0.04	0.2	0.005	0.2	4.4	0.025	0.25	5	0.2	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455139	0.5	1.91	0.017	0.03	0.2	0.01	0.2	5.1	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455140	0.5	1.52	0.016	0.13	0.2	0.005	0.3	3.6	0.025	0.25	5	0.4	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455141	0.5	1.82	0.014	0.07	0.2	0.02	0.5	4.6	0.025	0.25	6	0.4	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455142	1	1.69	0.015	0.07	0.1	0.01	0.3	4.4	0.025	0.25	6	0.2	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455143	1	1.68	0.016	0.21	0.05	0.005	0.4	4.9	0.08	0.25	6	0.2	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455144	0.5	1.53	0.009	0.16	0.4	0.005	0.4	4.4	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455145	0.5	1.36	0.015	0.4	0.05	0.005	0.7	5.3	0.17	0.25	5	0.2	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455146	0.5	1.76	0.01	0.14	0.3	0.02	0.3	4.9	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455147	0.5	1.35	0.014	0.29	0.1	0.005	0.5	6	0.06	0.25	5	0.3	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455148	1	2.19	0.017	0.12	0.1	0.01	0.5	8	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455149	0.5	0.8	0.006	0.05	0.1	0.005	0.1	2.2	0.025	0.25	2	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373

sample_id	project_id	utm_zone	utm_eastin	utm_northi	elevation_	longitude	latitude	sample_dat	technician	colour	texture	moisture	site_slope
1455150	WLF	07N	539353	6989682	938	-140.2221449	63.03459687	9/15/2016	Mark Severinsen MS01	Light Brown	Gravel	Dry	Flat
1455151	WLF	07N	539337	6989702	928	-140.2224564	63.03477809	9/15/2016	Mark Severinsen MS01	Reddish Yellow	Silt	Dry	Subtle Slope
1455152	WLF	07N	539323	6989722	922	-140.2227283	63.0349591	9/15/2016	Mark Severinsen MS01	Chocolate Brown	Silt	Wet	Subtle Slope
1455153	WLF	07N	539307	6989742	917	-140.2230397	63.03514032	9/15/2016	Mark Severinsen MS01	Dark Brown	Silt	Wet	Steep
1455154	WLF	07N	539291	6989763	904	-140.223351	63.03533052	9/15/2016	Mark Severinsen MS01	Chocolate Brown	Sand	Damp	Pronounced Slope
1455155	WLF	07N	539261	6989804	890	-140.2239341	63.03570173	9/15/2016	Mark Severinsen MS01	Dark Brown	Silt	Damp	Steep
1455155	WLF	07N	539261	6989804	890	-140.2239341	63.03570173	9/15/2016	Mark Severinsen MS01	Dark Brown	Silt	Damp	Steep
1455157	WLF	07N	539217	6989862	867	-140.2247899	63.03622701	9/15/2016	Mark Severinsen MS01	Dark Brown	Silt	Wet	Steep
1457251	WLF	07N	539702	6989723	961	-140.2152374	63.03492675	9/15/2016	Nathan Watkinson NW01	Dark Brown	Silt	Damp	Subtle Slope
1457252	WLF	07N	539716	6989702	962	-140.2149658	63.03473675	9/15/2016	Nathan Watkinson NW01	Dark Brown	Silt	Damp	Subtle Slope
1457253	WLF	07N	539730	6989687	960	-140.2146927	63.0346006	9/15/2016	Nathan Watkinson NW01	Dark Brown	Silt	Damp	Subtle Slope
1457254	WLF	07N	539742	6989667	957	-140.2144604	63.0344198	9/15/2016	Nathan Watkinson NW01	Light Brown	Silt	Damp	Subtle Slope
1457255	WLF	07N	539763	6989644	952	-140.2140509	63.03421108	9/15/2016	Nathan Watkinson NW01	Dark Brown	Silt	Damp	Subtle Slope
1457256	WLF	07N	539777	6989622	940	-140.2137796	63.03401211	9/15/2016	Nathan Watkinson NW01	Dark Brown	Silt	Damp	Subtle Slope
1457257	WLF	07N	539789	6989605	947	-140.2135465	63.03385823	9/15/2016	Nathan Watkinson NW01	Dark Brown	Silt	Damp	Pronounced Slope
1457258	WLF	07N	539805	6989581	936	-140.2132361	63.03364108	9/15/2016	Nathan Watkinson NW01	Grey	Silt	Damp	Pronounced Slope
1457259	WLF	07N	539820	6989559	929	-140.212945	63.033442	9/15/2016	Nathan Watkinson NW01	Light Brown	Silt	Damp	Pronounced Slope
1457260	WLF	07N	539835	6989541	924	-140.2126529	63.03327881	9/15/2016	Nathan Watkinson NW01	Light Brown	Sand	Damp	Pronounced Slope
1457261	WLF	07N	539847	6989524	916	-140.2124198	63.03312493	9/15/2016	Nathan Watkinson NW01	Light Brown	Sand	Damp	Pronounced Slope
1457262	WLF	07N	539865	6989504	914	-140.212069	63.03294346	9/15/2016	Nathan Watkinson NW01	Light Brown	Silt	Damp	Pronounced Slope
1457263	WLF	07N	539884	6989486	910	-140.2116978	63.03277983	9/15/2016	Nathan Watkinson NW01	Light Brown	Sand	Damp	Pronounced Slope
1457264	WLF	07N	539898	6989464	906	-140.2114265	63.03258085	9/15/2016	Nathan Watkinson NW01	Light Brown	Sand	Damp	Pronounced Slope
1457265	WLF	07N	539912	6989441	909	-140.2111554	63.0323729	9/15/2016	Nathan Watkinson NW01	Light Brown	Sand	Damp	Pronounced Slope
1457266	WLF	07N	539929	6989422	907	-140.210824	63.03220051	9/15/2016	Nathan Watkinson NW01	Light Brown	Silt	Damp	Subtle Slope
1457267	WLF	07N	539941	6989405	903	-140.210591	63.03204663	9/15/2016	Nathan Watkinson NW01	Dark Brown	Silt	Damp	Subtle Slope
1457268	WLF	07N	540021	6989469	924	-140.2089945	63.03261216	9/15/2016	Nathan Watkinson NW01	Light Brown	Silt	Damp	Pronounced Slope
1457269	WLF	07N	540009	6989486	927	-140.2092275	63.03276605	9/15/2016	Nathan Watkinson NW01	Dark Brown	Silt	Damp	Pronounced Slope
1457270	WLF	07N	539991	6989505	929	-140.2095786	63.03293855	9/15/2016	Nathan Watkinson NW01	Dark Brown	Silt	Damp	Pronounced Slope
1457271	WLF	07N	539977	6989525	942	-140.2098504	63.03311959	9/15/2016	Nathan Watkinson NW01	Dark Brown	Silt	Damp	Pronounced Slope
1457272	WLF	07N	539962	6989545	947	-140.210142	63.03330073	9/15/2016	Nathan Watkinson NW01	Light Brown	Sand	Damp	Subtle Slope

sample_id	depth	horizon	site_veget	ground_cov	quality	note1	note2	mo_ppm	cu_ppm	pb_ppm	zn_ppm	ag_ppm	ni_ppm	co_ppm
1455150	60	C	Poplar	Thin Moss Cover	Excellent	Coarse	Sandy	1	14.3	23	23	0.05	6.8	3.9
1455151	50	C	Black Spruce	Reindeer Moss	Good	Coarse	Sandy	4.3	72.9	12.8	32	0.3	11.6	8.7
1455152	50	B	Black Spruce	Reindeer Moss	Good	Mud	Partially Frozen	2.1	79.4	10.5	42	0.3	13.3	7.9
1455153	60	B	Black Spruce	Reindeer Moss	Poor	Frozen	Mud	1.4	46.3	7.3	32	0.3	8.5	4.8
1455154	40	B	Dwarf Birch	Reindeer Moss	Good	Partially Frozen	Wet Soil	8.3	36.2	12.4	58	0.05	22.6	14.2
1455155	70	B	Dwarf Birch	Reindeer Moss	Good	Organic 25%	Fine	0.8	10.6	1.4	8	0.1	3.1	1.1
1455155	70	B	Dwarf Birch	Reindeer Moss	Good	Organic 25%	Fine	0.8	10	1.4	8	0.1	2.8	1
1455157	60	B	Dwarf Birch	Reindeer Moss	Poor	Partially Frozen	Wet Soil	2.4	29	10.6	31	0.2	9.8	4.8
1457251	50	B	Birch Forest	Reindeer Moss	Good	Fine		0.8	24.8	12.8	63	0.2	23.9	10.9
1457252	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Fine		1.3	41.1	46.3	83	1.2	27.9	12.9
1457253	40	B	Birch Forest	Thin Moss Cover	Good	Fine		1.5	17.7	25.4	74	0.7	9.3	6.1
1457254	50	B	Black Spruce	Sphagnum Moss < 30cm	Good			1.8	92	21.3	63	2.1	21.4	8.4
1457255	40	B	Black Spruce	Reindeer Moss	Good	Small Sample		2.8	39.5	23.2	92	1	22.3	22.8
1457256	40	B	Black Spruce	Reindeer Moss	Good	Small Sample		2.3	18.8	22.6	82	0.6	17.8	10.1
1457257	40	B	Birch Forest	Leaf Cover	Good	Small Sample		2.2	28.3	45.3	79	0.3	18.1	9.1
1457258	40	C	Birch Forest	Leaf Cover	Poor	Small Sample		3	23.3	33.4	61	0.3	16.3	8.9
1457259	60	C	Birch Forest	Leaf Cover	Good			3	18.2	24.8	62	0.3	19.8	10.4
1457260	50	C	Birch Forest	Leaf Cover	Poor			4.7	18.9	28	64	0.3	17.5	8.3
1457261	60	C	Birch Forest	Leaf Cover	Good			3.9	18.3	36.3	59	0.3	9.9	6.8
1457262	40	C	Birch Forest	Leaf Cover	Poor	Small Sample		2.9	31.3	25.6	67	0.6	16.3	12.6
1457263	40	C	Birch Forest	Leaf Cover	Good			1.6	20.1	30.1	61	0.2	11.5	8.3
1457264	40	C	Birch Forest	Leaf Cover	Good			1.3	24.5	25.2	74	0.2	9.2	10.9
1457265	60	C	Birch Forest	Leaf Cover	Excellent			1	18.9	14.3	54	0.1	12.5	10.5
1457266	40	B	Birch Forest	Leaf Cover	Good			1.4	23.9	18.3	52	0.2	17	16.3
1457267	60	B	Black Spruce	Leaf Cover	Good			1.4	25.7	20.8	54	0.1	14.8	9.4
1457268	60	C	Black Spruce	Thin Moss Cover	Poor			0.7	18.7	10.2	44	0.05	22.9	10.1
1457269	50	B	Black Spruce	Leaf Cover	Excellent			1	15.7	13.4	43	0.1	19.5	8.5
1457270	30	B	Black Spruce	Leaf Cover	Good			1.1	21.4	17.3	49	0.2	17.1	9.7
1457271	70	B	Black Spruce	Leaf Cover	Good			1.5	25.1	18.1	65	0.3	19.7	12.9
1457272	30	C	Black Spruce	Leaf Cover	Poor	Small Sample		1.8	26.4	25.3	70	0.2	19.6	10.6

sample_id	mn_ppm	fe_pct	as_ppm	u_ppm	au_ppb	th_ppm	sr_ppm	cd_ppm	sb_ppm	v_ppm	bi_ppm	ca_pct	p_pct	la_ppm	cr_ppm	mg_pct	ti_pct	ba_ppm
1455150	109	1.07	13	1.4	15	6.1	12	0.05	2.9	25	0.5	0.18	0.025	9	13	0.33	0.042	49
1455151	159	3.4	21.8	2.1	29.8	7.8	59	0.05	2.4	80	0.4	0.28	0.051	29	39	1.06	0.161	120
1455152	119	3.01	20.4	2.7	34.3	3.5	37	0.2	1	76	0.4	0.23	0.072	17	36	0.78	0.121	140
1455153	86	2.16	15.9	2.6	22.7	1.7	32	0.2	0.6	58	0.3	0.18	0.065	14	27	0.6	0.099	103
1455154	359	2.89	12.5	2.2	5.6	7.1	48	0.2	0.5	77	0.4	0.4	0.086	15	35	0.71	0.129	99
1455155	17	0.73	1.2	1	4	0.05	10	0.05	0.1	10	0.05	0.14	0.046	3	8	0.03	0.012	25
1455155	16	0.7	1.2	0.9	2.9	0.05	10	0.05	0.1	10	0.05	0.14	0.04	3	8	0.03	0.011	23
1455157	160	1.85	8.8	2.7	1.9	1.9	17	0.1	0.4	48	0.4	0.21	0.054	7	22	0.31	0.062	59
1457251	386	3.15	12.4	0.9	7.5	5	39	0.2	0.4	78	0.4	0.37	0.031	14	45	0.6	0.106	167
1457252	296	3.35	17.6	0.8	11	5.4	31	0.5	0.7	79	0.5	0.24	0.021	9	45	0.58	0.101	152
1457253	752	2.23	8.2	0.4	3.9	1.9	19	0.7	0.3	68	0.3	0.2	0.058	7	21	0.24	0.075	121
1457254	353	2.72	13.1	0.8	21.5	3.5	26	0.5	0.5	69	0.4	0.27	0.049	8	32	0.48	0.078	154
1457255	1450	3.73	11.2	0.7	4.5	3.3	30	1.1	0.6	88	0.4	0.26	0.054	9	41	0.41	0.081	152
1457256	579	3.06	11.7	0.4	3.5	2.3	26	0.8	0.4	77	0.3	0.31	0.099	7	32	0.5	0.083	168
1457257	384	2.83	16.2	0.9	5.5	4.3	38	0.3	0.7	66	0.7	0.43	0.068	10	31	0.51	0.071	145
1457258	355	2.49	12.7	1.1	7.8	3.9	38	0.5	0.7	64	0.5	0.38	0.043	12	30	0.49	0.084	135
1457259	388	2.92	11.2	0.9	34.8	3.9	28	0.3	0.5	69	0.3	0.38	0.028	8	38	0.56	0.086	103
1457260	350	3.02	14.7	1.5	33.7	3.2	48	0.5	0.8	67	0.4	0.41	0.053	10	35	0.57	0.097	95
1457261	228	2.93	19.2	2	85.9	5.8	50	0.4	1.2	70	0.8	0.36	0.067	11	33	0.72	0.13	83
1457262	440	3.06	17.1	2	63.5	3.7	41	1	0.8	70	0.6	0.38	0.089	11	32	0.58	0.097	123
1457263	261	2.59	25	2.5	220.3	5.6	71	0.4	1.5	62	1	0.4	0.063	14	28	0.6	0.099	94
1457264	333	4.86	23.4	1.7	28.6	6.6	65	0.2	1.4	137	1.5	0.27	0.053	11	31	1.42	0.363	160
1457265	396	3.61	14.6	1	14.2	4.8	44	0.2	0.8	94	1.1	0.47	0.067	9	28	0.92	0.216	164
1457266	657	2.95	12.7	1.8	4.3	4	37	0.3	0.6	74	1	0.39	0.049	13	30	0.61	0.138	148
1457267	328	3	16	1.5	5.7	5.1	41	0.4	0.7	79	1.3	0.5	0.047	12	30	0.74	0.166	154
1457268	353	2.86	8.9	0.9	3.5	3.9	29	0.05	0.4	73	0.3	0.45	0.029	11	40	0.69	0.145	118
1457269	259	2.91	9.7	0.7	7.9	2.9	27	0.1	0.5	70	0.4	0.36	0.033	9	35	0.63	0.122	96
1457270	261	2.67	13	1.3	7.1	3.5	34	0.3	0.7	66	0.9	0.32	0.036	13	30	0.53	0.131	116
1457271	412	3.26	15.2	1.1	4.6	3.4	29	0.3	0.7	78	1.4	0.26	0.027	11	35	0.61	0.133	119
1457272	240	3.52	20.2	1.4	16.7	4.2	26	0.3	0.9	85	1.5	0.22	0.032	10	37	0.69	0.146	92

sample_id	b_ppm	al_pct	na_pct	k_pct	w_ppm	hg_ppm	tl_ppm	sc_ppm	s_pct	se_ppm	ga_ppm	te_ppm	sample_typ	analysis_m	shipment_i	job_number
1455150	0.5	0.92	0.008	0.04	0.05	0.005	0.1	2.4	0.025	0.25	2	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455151	1	2.1	0.052	0.21	0.1	0.02	0.4	7.4	0.22	0.6	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455152	1	1.91	0.026	0.13	0.2	0.03	0.3	5.7	0.11	0.5	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455153	0.5	1.25	0.024	0.13	0.2	0.03	0.3	4.1	0.1	0.25	5	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455154	1	1.57	0.025	0.1	1.8	0.02	0.2	4.8	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455155	0.5	0.37	0.025	0.02	0.05	0.02	0.05	0.7	0.05	0.25	0.5	0.1	REP	AQ201	WLF2016-10-14	WHI16000373
1455155	0.5	0.37	0.024	0.02	0.05	0.02	0.05	0.6	0.05	0.25	0.5	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1455157	0.5	0.89	0.017	0.04	0.2	0.03	0.1	2.5	0.025	0.5	4	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457251	1	2.6	0.018	0.03	0.2	0.02	0.1	10.1	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457252	0.5	2.86	0.014	0.03	0.2	0.05	0.2	6.1	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457253	0.5	1.3	0.015	0.03	0.05	0.02	0.3	3.1	0.025	0.25	8	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457254	1	2.14	0.014	0.04	0.2	0.03	0.1	4.4	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457255	0.5	2.54	0.012	0.04	0.1	0.02	0.3	4.5	0.025	0.25	9	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457256	1	1.9	0.012	0.05	0.1	0.02	0.1	3.5	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457257	0.5	2.03	0.011	0.03	0.2	0.02	0.2	4	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457258	1	1.7	0.017	0.03	0.2	0.02	0.2	4.4	0.025	0.25	5	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457259	0.5	1.92	0.02	0.03	0.1	0.02	0.1	4	0.025	0.25	5	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457260	1	2.08	0.018	0.06	0.3	0.01	0.3	3.7	0.025	0.25	6	0.2	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457261	0.5	1.75	0.018	0.08	0.5	0.01	0.3	5.4	0.025	0.9	6	0.8	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457262	2	2.02	0.015	0.07	0.4	0.03	0.2	4.8	0.025	0.7	7	0.3	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457263	1	1.75	0.02	0.09	1.8	0.01	0.2	5	0.025	0.5	6	0.8	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457264	1	2.75	0.028	0.58	0.4	0.005	1.3	7	0.13	0.25	10	0.5	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457265	1	2.59	0.021	0.32	0.3	0.01	0.5	4.8	0.025	0.25	8	0.4	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457266	1	1.94	0.021	0.07	0.3	0.02	0.3	5	0.025	0.6	7	0.2	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457267	1	1.95	0.02	0.16	0.9	0.01	0.3	4.7	0.025	0.25	7	0.2	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457268	1	1.8	0.029	0.05	0.2	0.02	0.1	5.5	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457269	1	2.03	0.02	0.04	0.1	0.01	0.2	3.6	0.025	0.25	6	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457270	1	1.78	0.022	0.05	0.2	0.03	0.2	4	0.025	0.25	7	0.1	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457271	2	2.2	0.015	0.07	0.2	0.01	0.2	4.5	0.025	0.25	7	0.3	SOIL	AQ201	WLF2016-10-14	WHI16000373
1457272	1	2.4	0.014	0.05	0.3	0.02	0.2	5.3	0.025	0.25	8	0.9	SOIL	AQ201	WLF2016-10-14	WHI16000373