# GEOCHEMICAL REPORT

## HESS 1 - 207 CLAIMS
## GRANT # YE75301 - YE75507

NTS # 105 N \ 05

LAT: 63°22'202N
LONG: 133°42'908W

MAYO MINING DISTRICT

AUTHOR OF REPORT SHAWN RYAN
WORK PERFORMED SEPTEMBER 14 - 18, 2013
DATE OF REPORT JANUARY 19, 2014

## Table of Content

## SUMMARY

The Hess 2013 field work consists of first running a small orientation survey to see what medium (soil. Vegetation, till) would be most suitable to outline gold arsenic zone along the Hess River valley floor. At the same time we ran a small Drone (Ebee) imagery survey to obtain a high resolution orthophoto and Dem.
We use the Hess Orthophoto to orient the survey so guys new exactly where we wanted to gather the shallow soil medium. We returned in mid-September to with a five man crew and gathered a total of 770 soils. Since we were trying to get as much land coverage as possible within the budget we decide to just run the soils with an XRF to high light the arsenic anomalies.

The work was undertaken by GroundTruth Exploration which employees consist of Yoann Voyer, Will White, Silas Dubelaar, Brian Hyde, and Phil Severinson.

The work program started on September 14, 2014 and finished on September 18, 2014.

## 1.0 INTRODUCTION

The Hess claims where staked to cover the western extension of a particular magnetic signature where Goldstrike Resources pulled some nice rock sample running high grade gold and arsenic.

## 2.0 LOCATIONS AND ACCESS

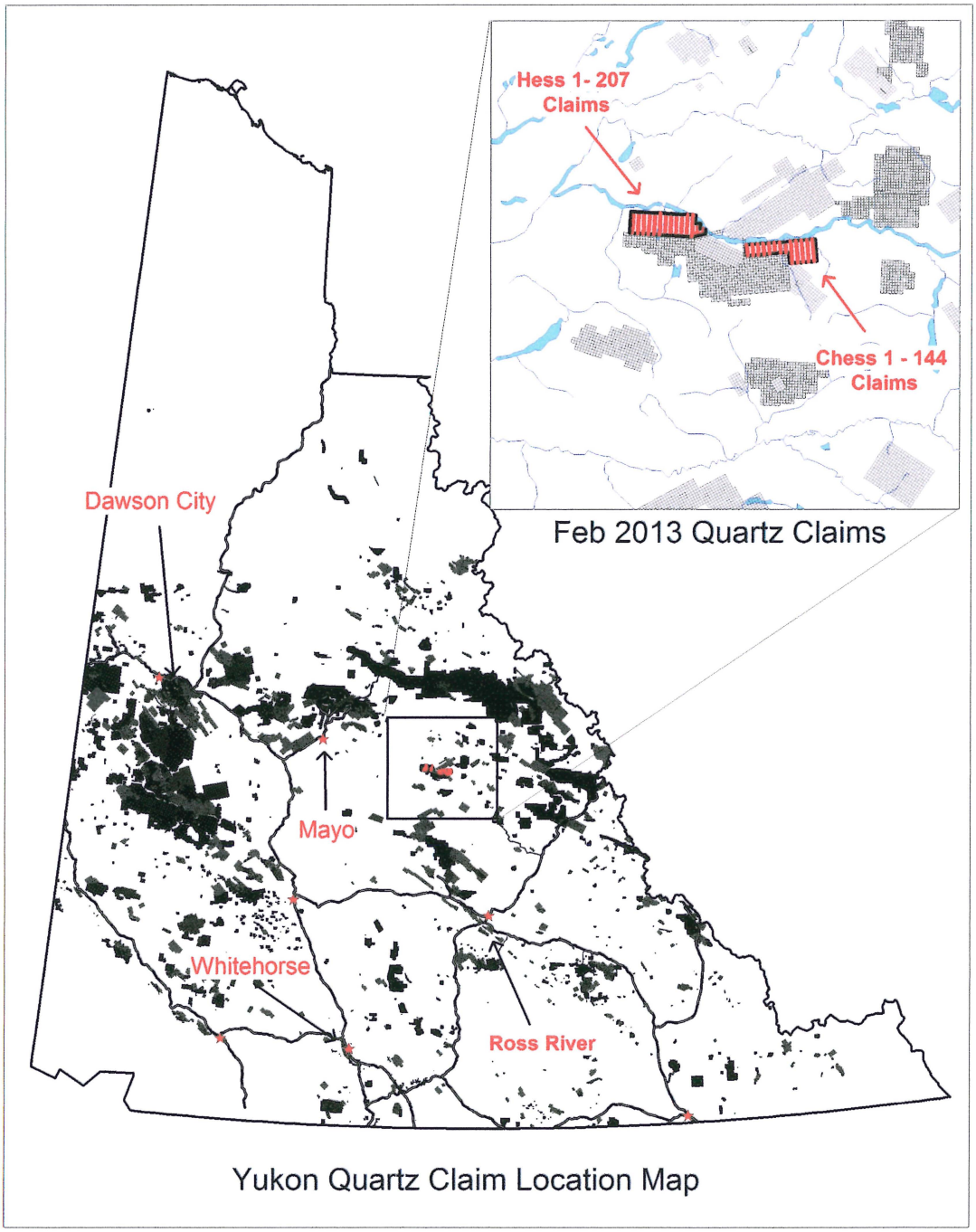
The Hess claims are located 110 kilometers east south- east of the committee of Mayo. Access is via helicopter from the Mayo air base.

## 3.0 PROPERTY DESCRIPTION

The Hess Claim block consists of 207 full Yukon Quartz Mining claims that are registered in the Mayo Mining district to Shawn Ryan.

## 4.0 PHYSIOGRAPHY

The Hess claims are straddling the south side of the Hess river valley which consists of flat rolling hills with elevation running from 600 meter to a high of 840 meters. The valley is mostly covered with black spruce and willows.


Hess 1- 207
Claims
Chess 1 - 144
Claims
Feb 2013 Quartz Claims
Dawson City
Mayo
Whitehorse
Ross River
Yukon Quartz Claim Location Map

## 5.0 REGIONAL GEOLOGY

The Hess and Chess are located in Proterozoic Hyland Group with Cretaceous Tombstone intrusion located south of the proposed sampling and prospecting area.

## GSC GEOLOGY DESCRIPTION

### MID-CRETACEOUS

mKS

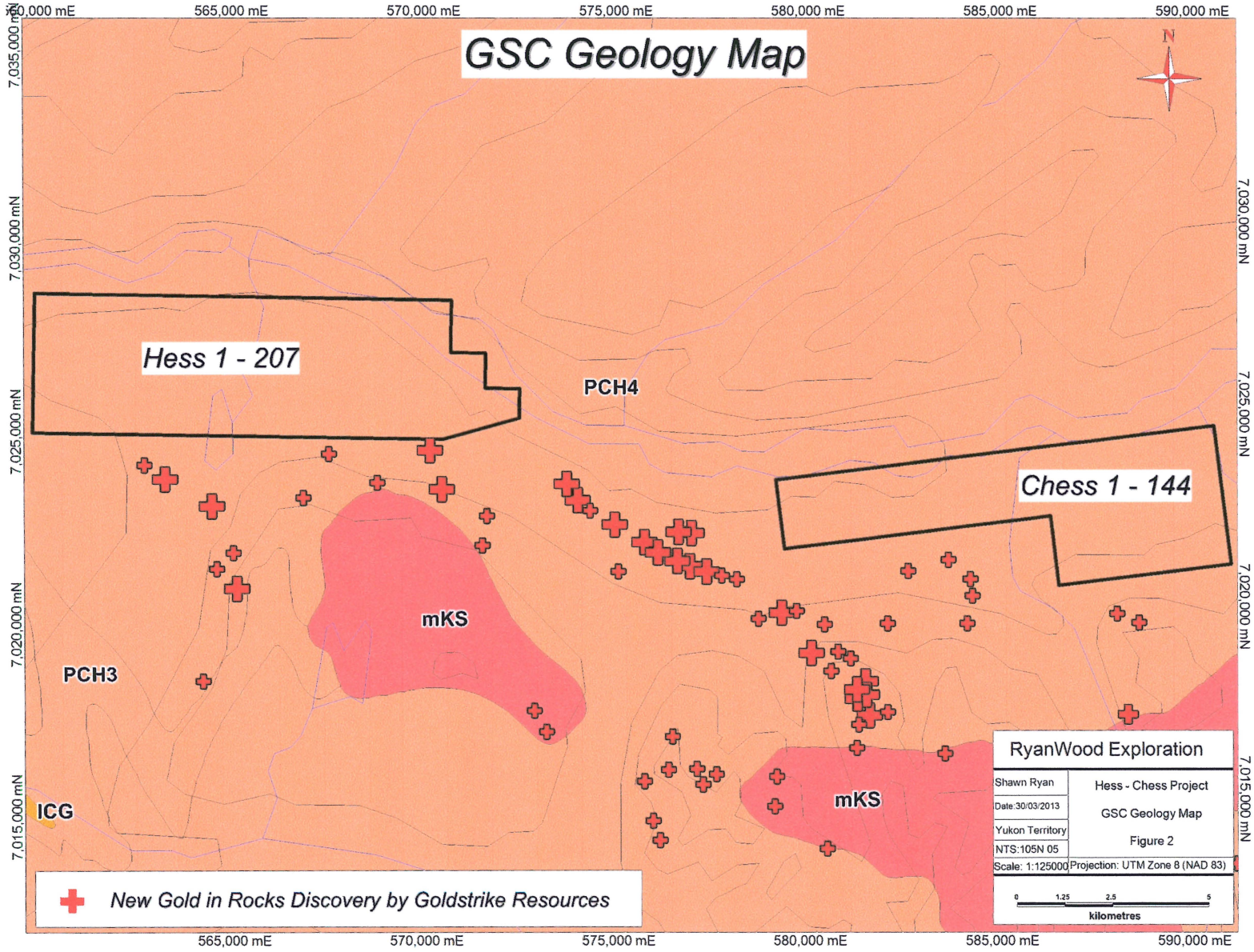
**mKS: SELWYN SUITE**
plutonic suite of intermediate (g) to more felsic composition (q) and rarely syenitic (y); equivalent felsic dykes (f); complete compositional gradation so that these designations are somewhat arbitrary

### UPPER PROTEROZOIC TO LOWER CAMBRIAN

PCH

**PCH: HYLAND**
consists upwards of coarse turbiditic clastics (1), limestone (2) and fine clastics typified by maroon and green shale (3); may include younger (4) units; includes scattered mafic volcanic rocks (5) **(Hyland Gp.)**

3. distinctive, recessive, maroon weathering, interbedded maroon and apple-green slate; "Oldhamia" trace fossils; rare grey chert; locally basal member and interbeds of quartz siltstone, sandstone and quartz-pebble conglomerate **(Hyland Gp., Narchilla , Senoah , Arrowhead Lake)**
4. quartzose clastic rocks as described in (1); mostly(?) equivalent to (1) but may include younger units **(Hyland Gp., mostly(?) Yusezyu)**


GSC Geology Map
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7,030,000 mN
7,025,000 mN
7,020,000 mN
7,015,000 mN
Hess 1 - 207
Chess 1 - 144
PCH4
PCH3
mKS
mKS
ICG
New Gold in Rocks Discovery by Goldstrike Resources
RyanWood Exploration
Shawn Ryan
Date:30/03/2013
Yukon Territory
NTS:105N 05
Scale: 1:125000
Hess - Chess Project
GSC Geology Map
Figure 2
Projection: UTM Zone 8 (NAD 83)
0
1.25
2.5
5
kilometres

## 6.0 WORK PERFORMED / METHODS

The 2013 field work consist of first flying out to the property and running an orientation sample survey to see what medium would be best suited to outline potential gold -arsenic mineralization.

We evaluated three form of medium. One was dead tree branches taken from chest height and lower the second medium was till found in the lower areas and the third that we decide on was soil sample from the north west trending ridge top that are running through the property.

We also ran at the same time of the orientation survey was an Ariel photography drone survey. The idea was to get a high resolution orthophoto that we could pick out the slighted elevated (20-30 feet) ridge top that were running in a north west direction through the property. This way we could better plan the next phase of soil traverse.

The second phase of the program consist of sending a 5 man crew from Mayo for a four day sampling program to collect 770 soils on 20 meter spacing along slightly elevated ridge top. A total of 15.4 kilometer of traverse was sample. All samples were process via XRF looking for arsenic the key gold pathfinder element discovered on GoldStrike property next door.

# DRONE SURVEY

## Summary of HESS Drone Survey:

The HESS property Drone Survey was flown on July 26, 2013 by operator Tao Henderson. The takeoff location was established once onsite and was located at: 568040E, 7024730N (NAD83 UTM 8V) A total of 6 flights were conducted to survey the target area in high resolution imagery and elevation. The goal of the survey was to identify subtle topographic lineaments to plan soil sampling traverses along. The survey was successful in achieving this goal.

Imagery/DEM was orthorectified and manually cleaned by Tao Henderson using Postflight Terra3D. Quality of the final product is very good. Overlap of all planned photos was very good. All 704 photos had auto located keypoints and were used in orthorectification. Weather did not compromise or obscure any portion of the survey area.

## Drone Survey Statistics:

| | |
|---|---|
| Total Number of Flights: | 6 |
| Total Flight Time: | 6 x 35 minutes |
| Total Flight Distance: | 106 km |
| Total Ground Coverage: | 11.76 $km^2$ |
| Total Number of Photos collected: | 704 |
| Average ground resolution: | 12cm/pixel |

## Soil Sampling Survey Procedure

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

All sampling traverses are pre-planned, with pre -specified sampling intervals, typically 50m. Field technicians navigate to sample site using handheld GPS units. The soil sampler arrives at each sample site, identifies the most appropriate location to collect the sample and lays out a sheet of plastic (12"x20" ore bag). The soil sample is taken using an Eijklcamp brand hand auger at a depth of between 20cm and 110cm. Samplers strive to consistently collect C-Horizon sample material. Where necessary (rocky or frozen ground) a prospector's pick ('mattock') is used to obtain the sample.

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

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

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

The GPS location of the sample site is recorded with a Garmin GPSMap 60cx or 76cx GPS device in UTM NAD 83 format, and the waypoint is labeled with the project name and the sample identification number. A weather-proof handheld device equipped with a barcode scanner is used in the field to record the descriptive attributes of the sample collected. This includes: sample identification number (scanned into device at sample site), soil colour, soil horizon, slope, sample depth, ground and tree vegetation and sample quality and any other relevant information. As well, the GPS coordinates are entered into the handheld device as a secondary backup in case of GPS failure.

## Field Portable XRF Sample Analysis Protocol:

Field portable X-Ray Fluorescence (XRF) analytical parameters, sample preparation and QC protocol are approved by client prior to start of analysis.

### 1. Personnel and Equipment

XRF analysis is conducted with one trained operator per XRF analyzer unit. The Innovx X-5000 benchtop unit can be operated by a trained but uncertified operator. The Innovx Delta handheld XRF analyzer requires an NRCAN certified operator.

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

| | |
|---|---|
| XRF Analyzer: | Innovx X-5000 (benchtop) |
| | Innovx Delta (handheld) |
| Camera: | Cannon 16 megapixel camera (if required) |
| Processing: | Laptop computer with USB barcode scanner |
| Software: | Microsoft Excel |

### 2. Survey Procedure

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

#### Sample Preparation:

Sample Preparation is directed by the client and should match the use of the dataset. If preliminary screening and fast turnaround is the goal, the focus will be on rapid real time analysis rather than sample preparation. If repeatable, lab quality results are the goal, sample preparation (drying, crushing, sieving and homogenization) will be required to improve repeatability.

Soil samples are typically air dried and XRF analyzed through the Kraft bag without opening. If optimal repeatability is required, soil pulps or dried, sieved and homogenized soil should be analyzed. Rock and Core samples are typically XRF analyzed on a visually representative, fine grained location on the sample. If optimal repeatability is required on Rock and core samples, they must be crushed, sieved ad homogenized prior to analysis.

#### Analytical Parameters:

Both soil and rock samples for exploration applications are analyzed using 'Soil mode'. Overall, best results are obtained by using a 30 second analytical time window for all 3 beams. This can be reduced on any of the 3 beams if time is a concern or orientation testing shows that data quality is not impacted by reducing a given beam.

### Quality Control:

Innovx XRF devices are factory calibrated and maintain their analytical accuracy by regular Calibration Checks with analysis of a certified calibration disc. This is done by the operator every time the machine is turned on and once per hour during regular use.

Regular analysis of standard reference material is recommended and appropriate material type is at the discression of the client.

### Operating Steps:

- Machine is turned on, appropriate mode and analysis duration is verified.
- Calibration check completed
- Sample is placed in front of analyzer window
- Sample ID entered and verified
- Sample is Analyzed
- Repeat for all samples

## 3. Data Processing

After each analytical session, the XRF data is downloaded and inspected by the operator for erroneous or missing sample IDs and unreasonable analytical values.

The XRF data table is joined to the pre-existing sample location/description database so that it may be plotted spatially. Any missed joins are inspected and resolved. All QC analytical records are saved to a separate table for appropriate QC plotting.

Data is backed up on a daily basis, and immediately available for the client.

### Standard data output:

| | |
|---|---|
| Raw XRF output: | XRF results table (.csv format) |
| Joined Location-XRF analysis database: | Joined table (.csv format) |

## 7.0 INTERPRETATION

### DRONE SURVEY

The drone survey help outline the north west trending ridge. Figure three clearly outlines the slightly elevated ridge tops.

### SOIL SURVEY

The 2014 soil survey outlined one major north east trending arsenic anomaly (Figure 5) measuring 400 meters NE-SW and 150 meters NW-SE. The shallow soil survey also outlined 9 other prospective targets that should follow up on.

## 8.0 RECOMMENDATION

I would recommend sending a prospecting crew 4 with and XRF technician to hop around from site to site and quickly evaluate the targets in one day prospecting program. If you work as a team 3 or 4 guys can run around picking up grab samples and the XRF technician can process the samples on site. If anomalous samples are located then I would look at the option of gridding the anomalous area or sites.

I would also recommend running more Drone and soil sampling ridge work directly west of this field (2013) work. This area is directly north of where GoldStrike has encountered some nice drill results on their GoldStack mineralize zone (2.28 grams Au over 53 meters).

## 9.0 REFERENCES CITED

GoldStrike Resources , September 9, 2013 press release, GoldStack zone Drilling.

YTG Geology Map, Yukon Geological Web Site .

## 10.0 Cost

### Soil sampling Cost

| | | |
|---|---|---|
| GroundTruth - Soil sampling Contract | | $19,828.94 |
| Transnorth helicopter Astar 9.3 hours@ $1,879.35 | | $17,477.98 |
| Report | | $1000.00 |
| | Total | $38,306.92 |

## Qualification

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

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

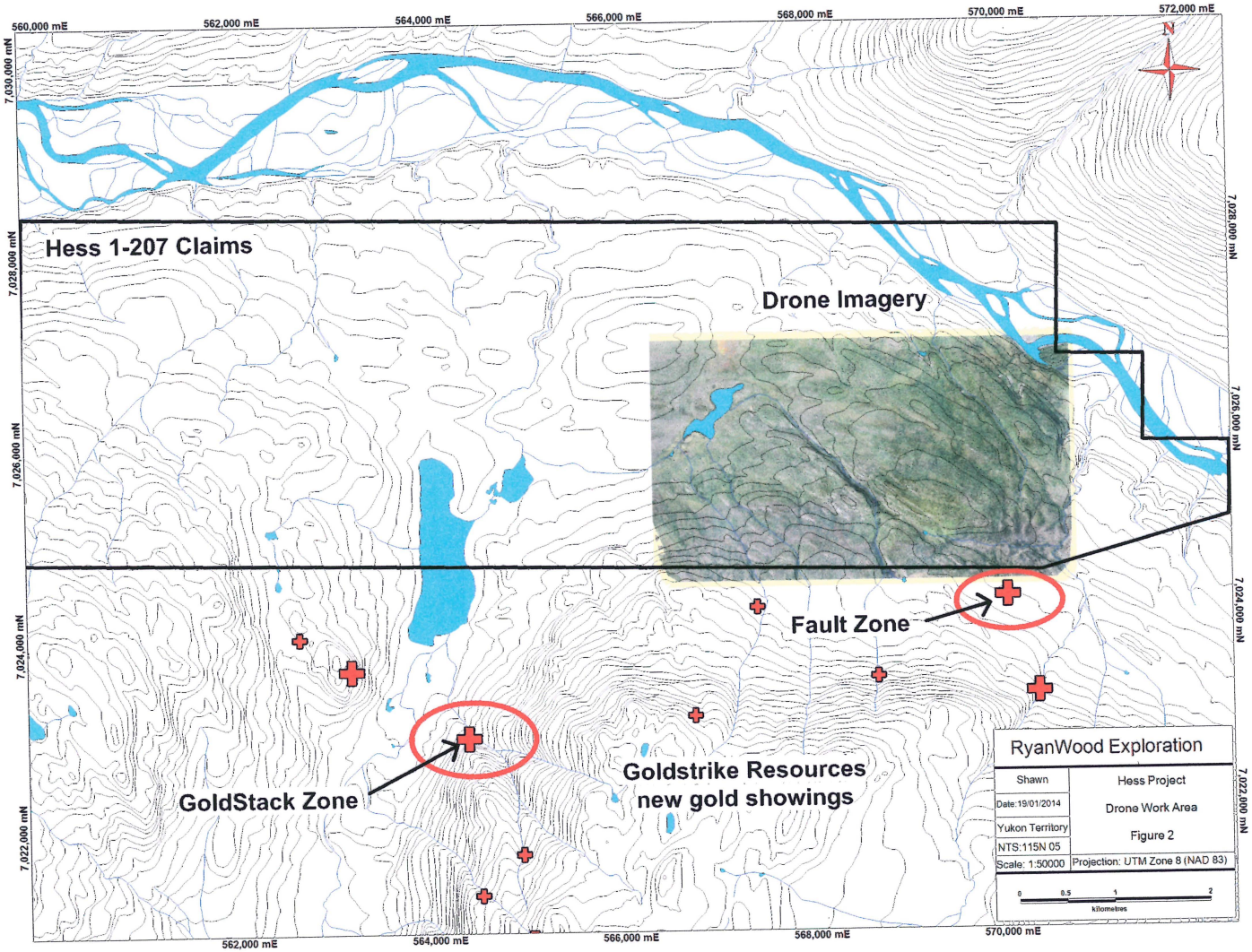
I have overseen the Hess Project.

I own 100 % of the Hess and Chess claims.

Dated this 21 of January 2014 in Whitehorse, Yukon.

Respectfully submitted

Shawn Ryan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Hess 1-207 Claims
Drone Imagery
Fault Zone
GoldStack Zone
Goldstrike Resources
new gold showings
RyanWood Exploration
Shawn
Hess Project
Date:19/01/2014
Drone Work Area
Yukon Territory
Figure 2
NTS:115N 05
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Projection: UTM Zone 8 (NAD 83)
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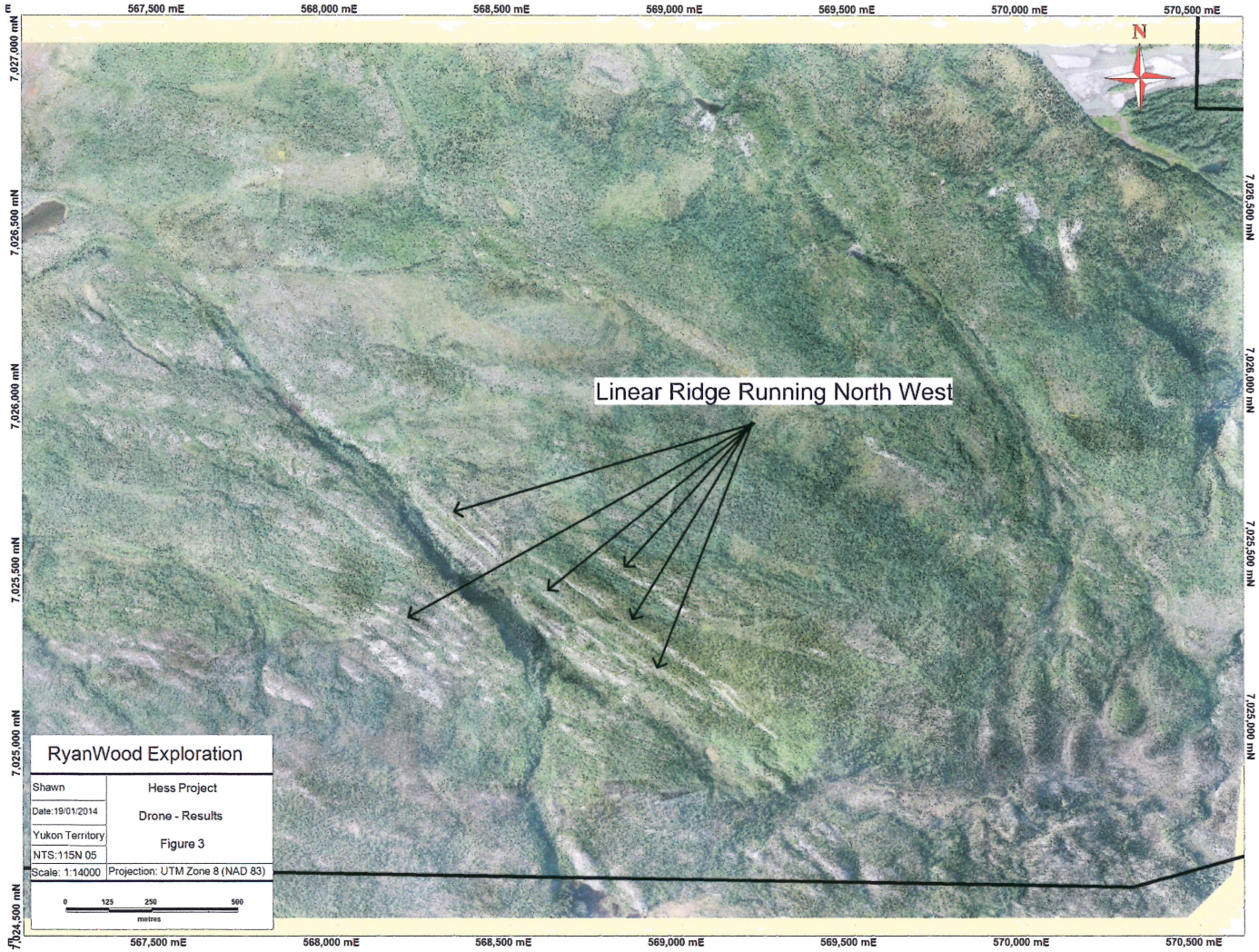
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Linear Ridge Running North West
RyanWood Exploration
Shawn
Hess Project
Date:19/01/2014
Drone - Results
Yukon Territory
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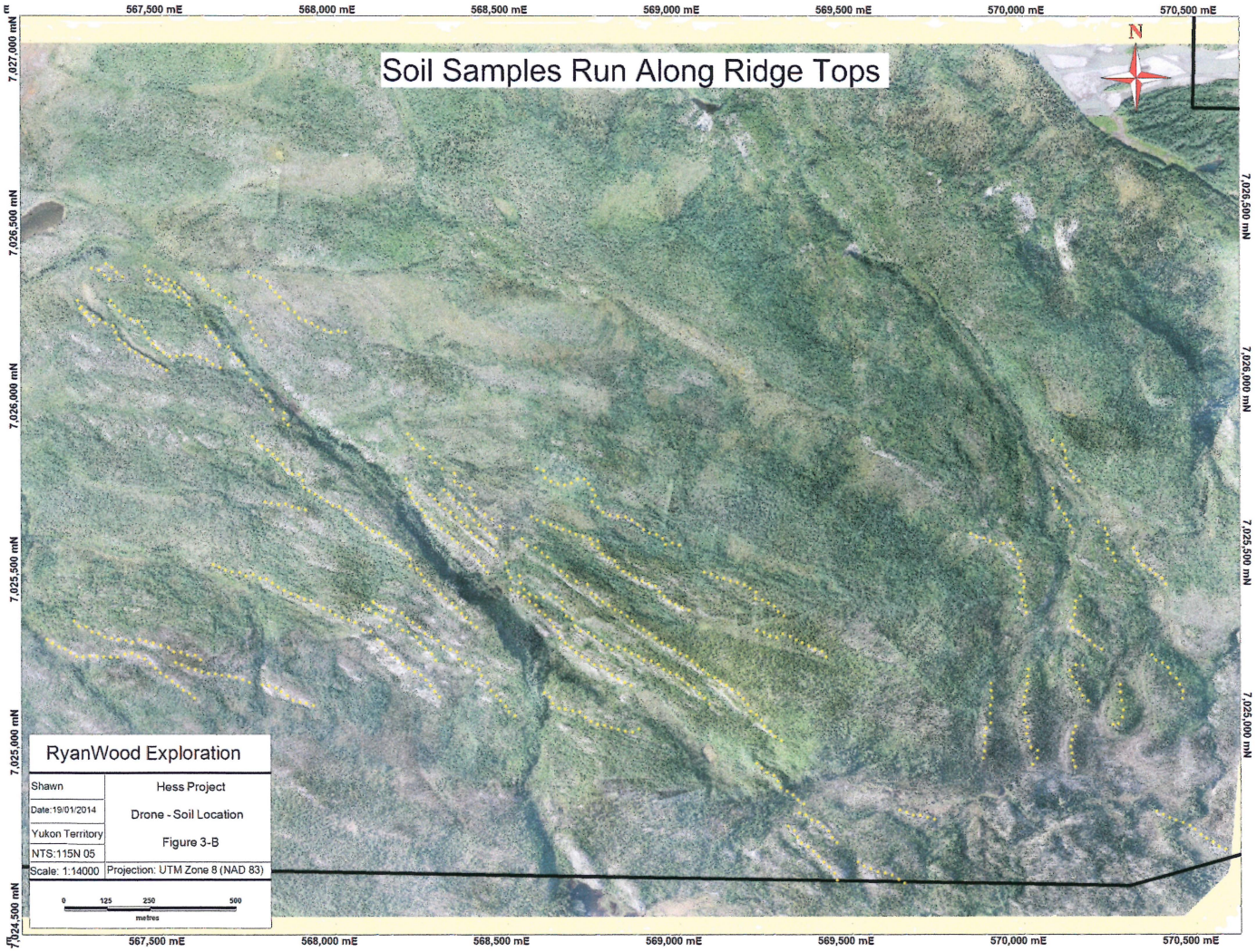
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Drone - Soil Location
Yukon Territory
Figure 3-B
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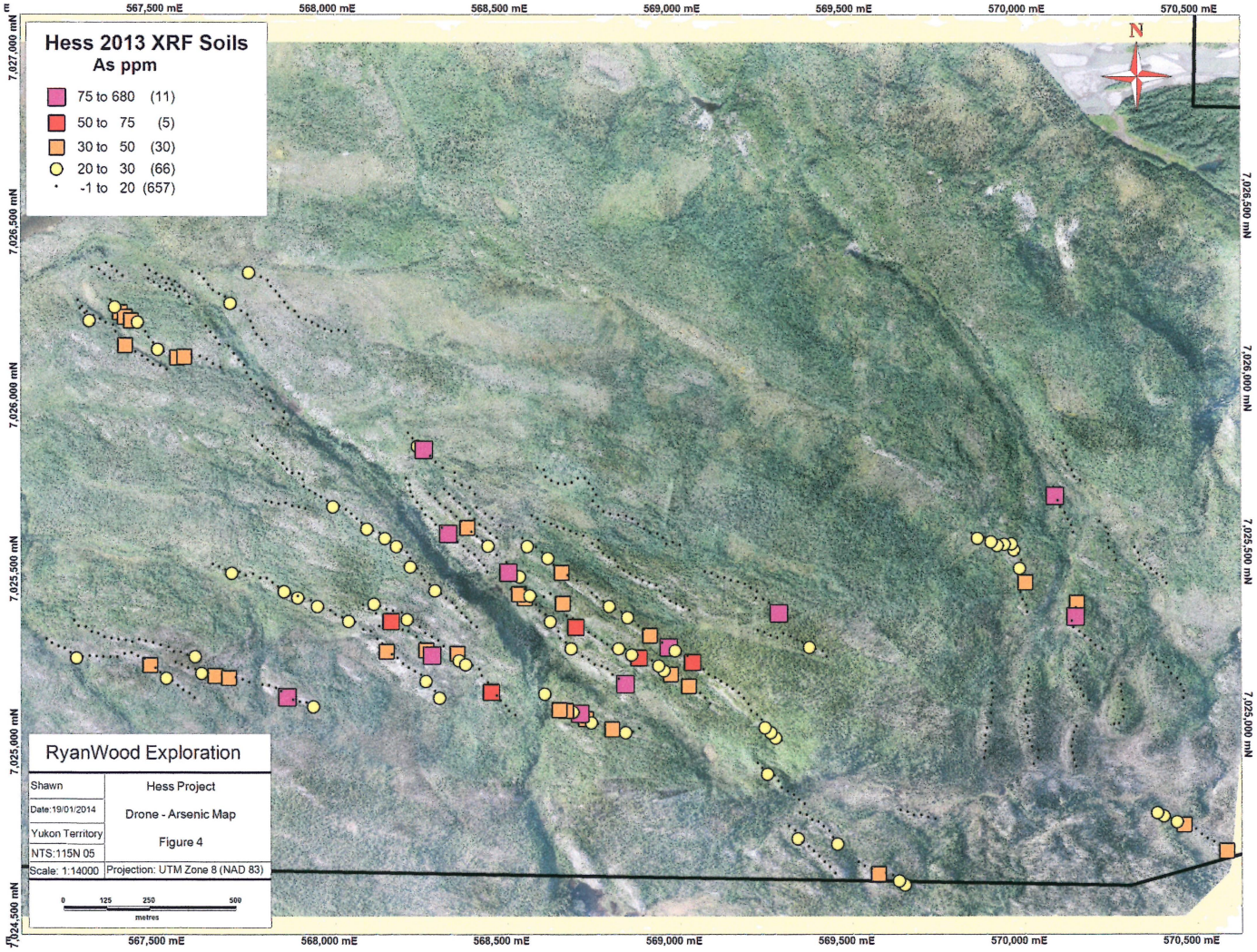
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Date:19/01/2014
Drone - Arsenic Map
Yukon Territory
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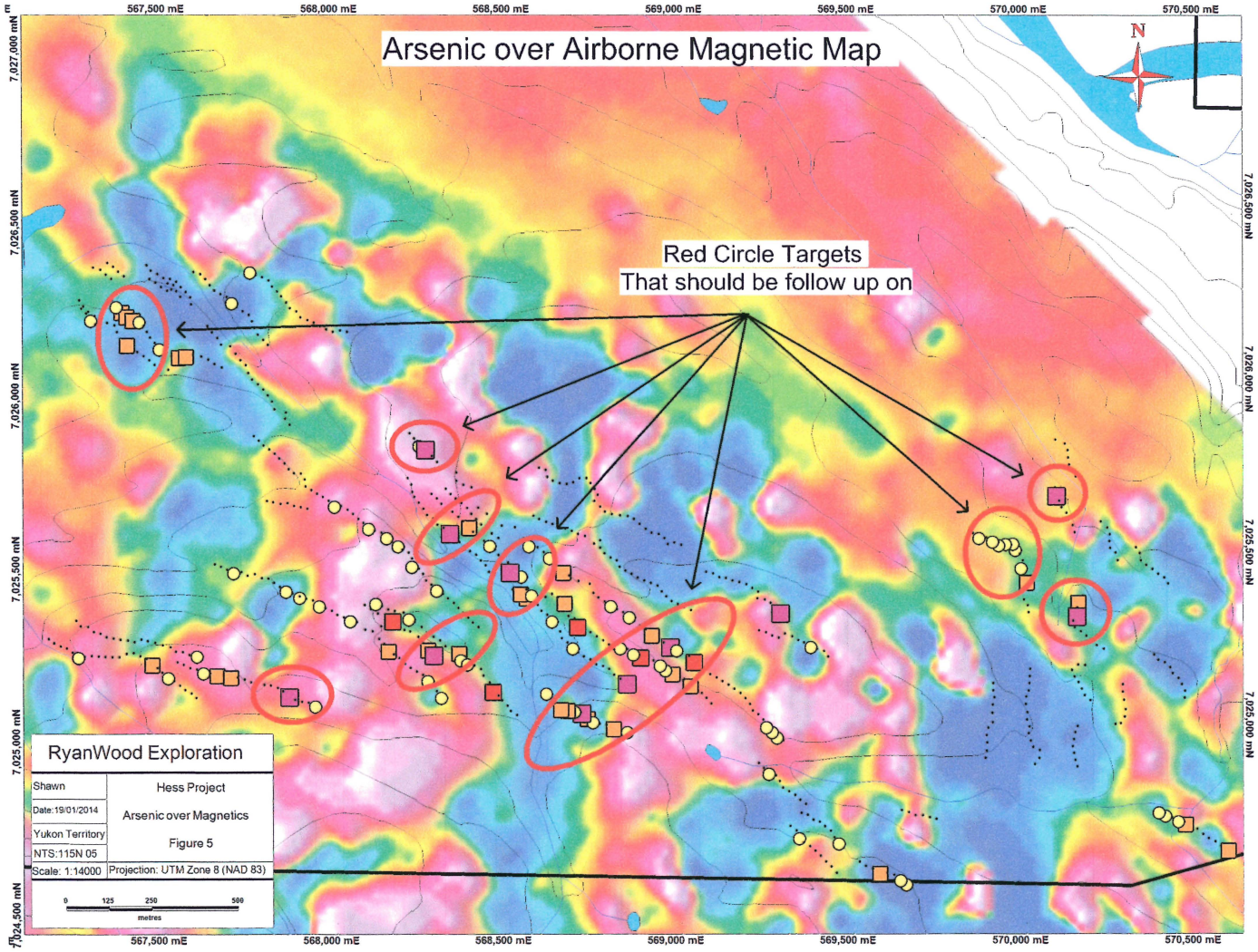
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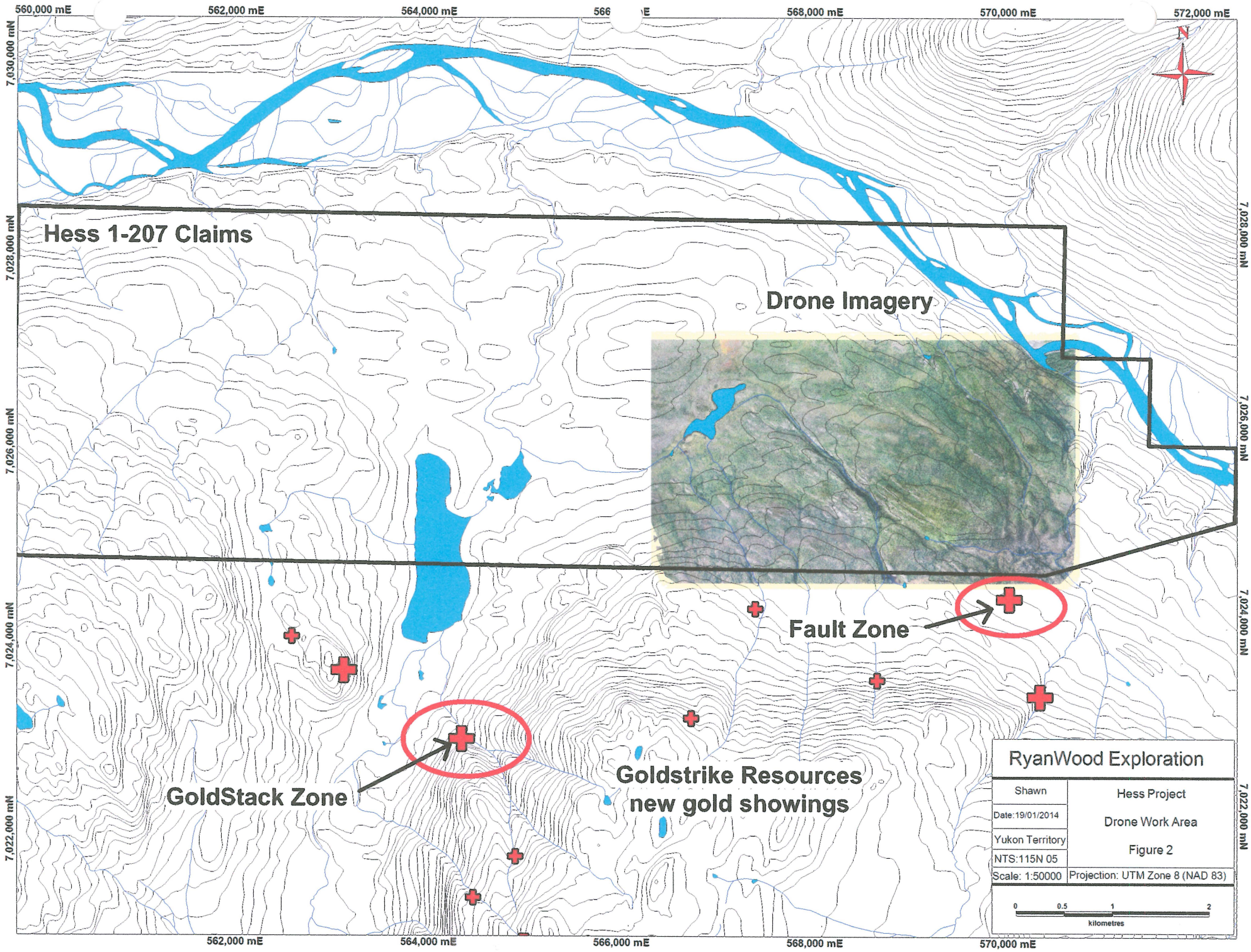
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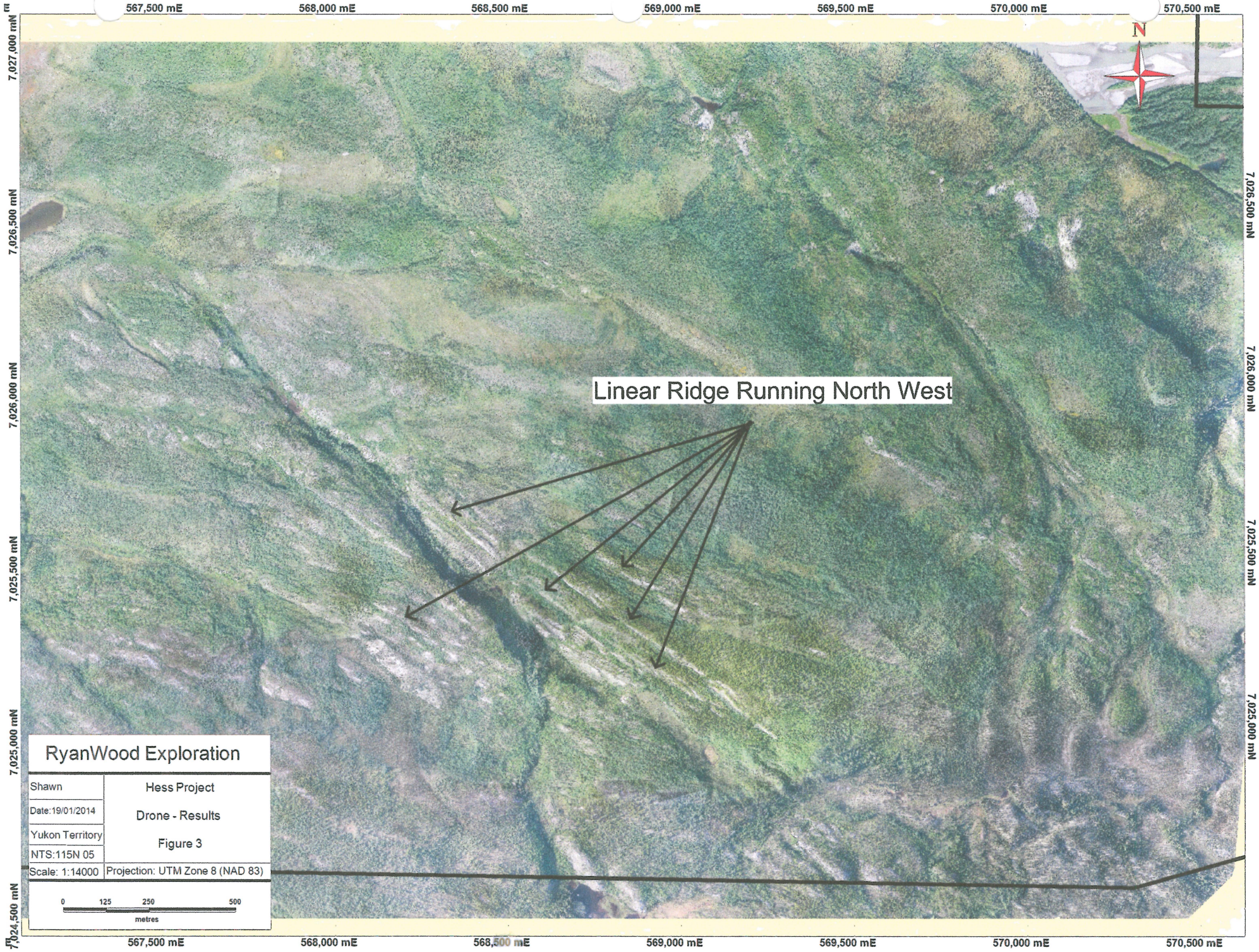
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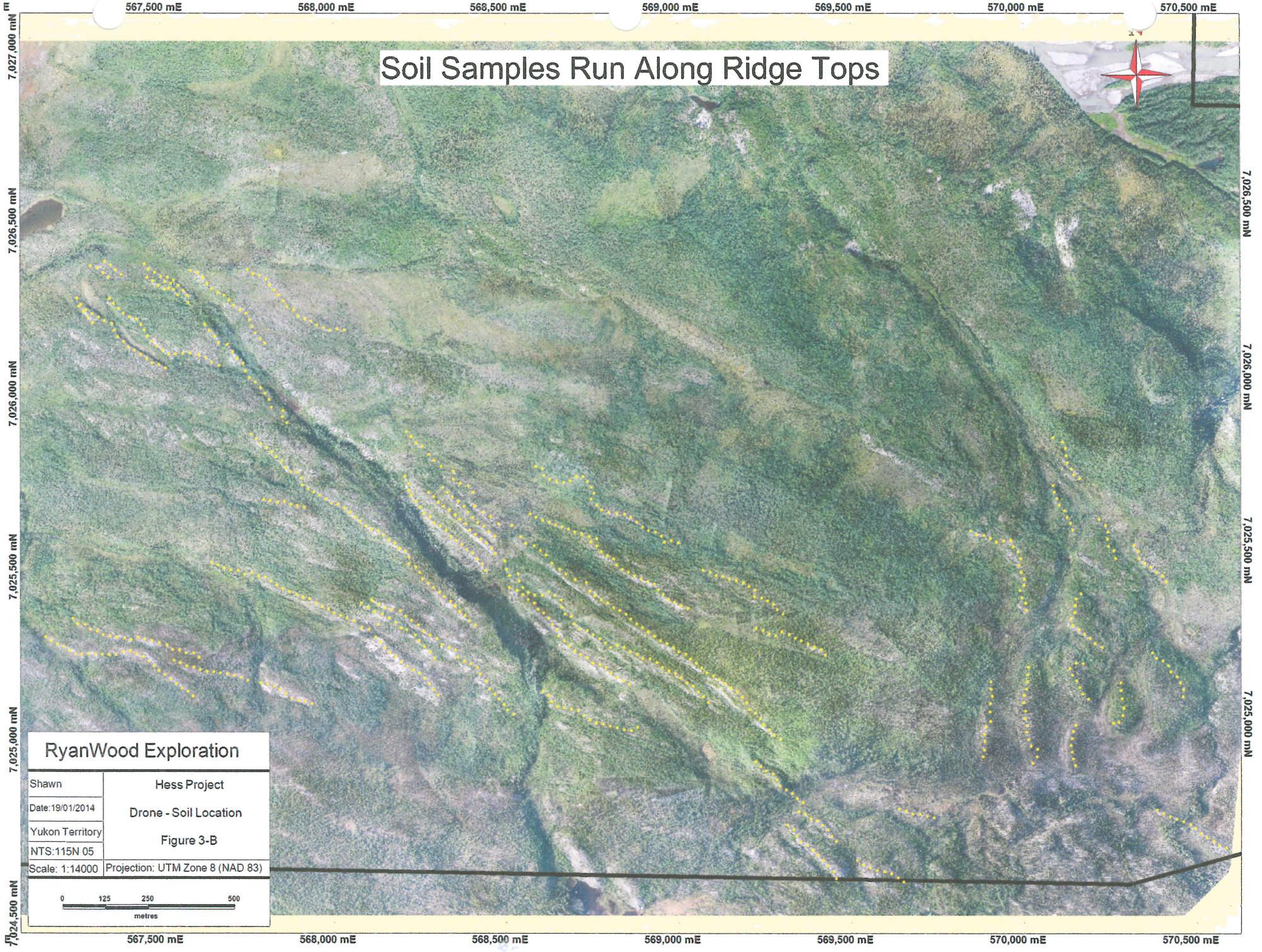
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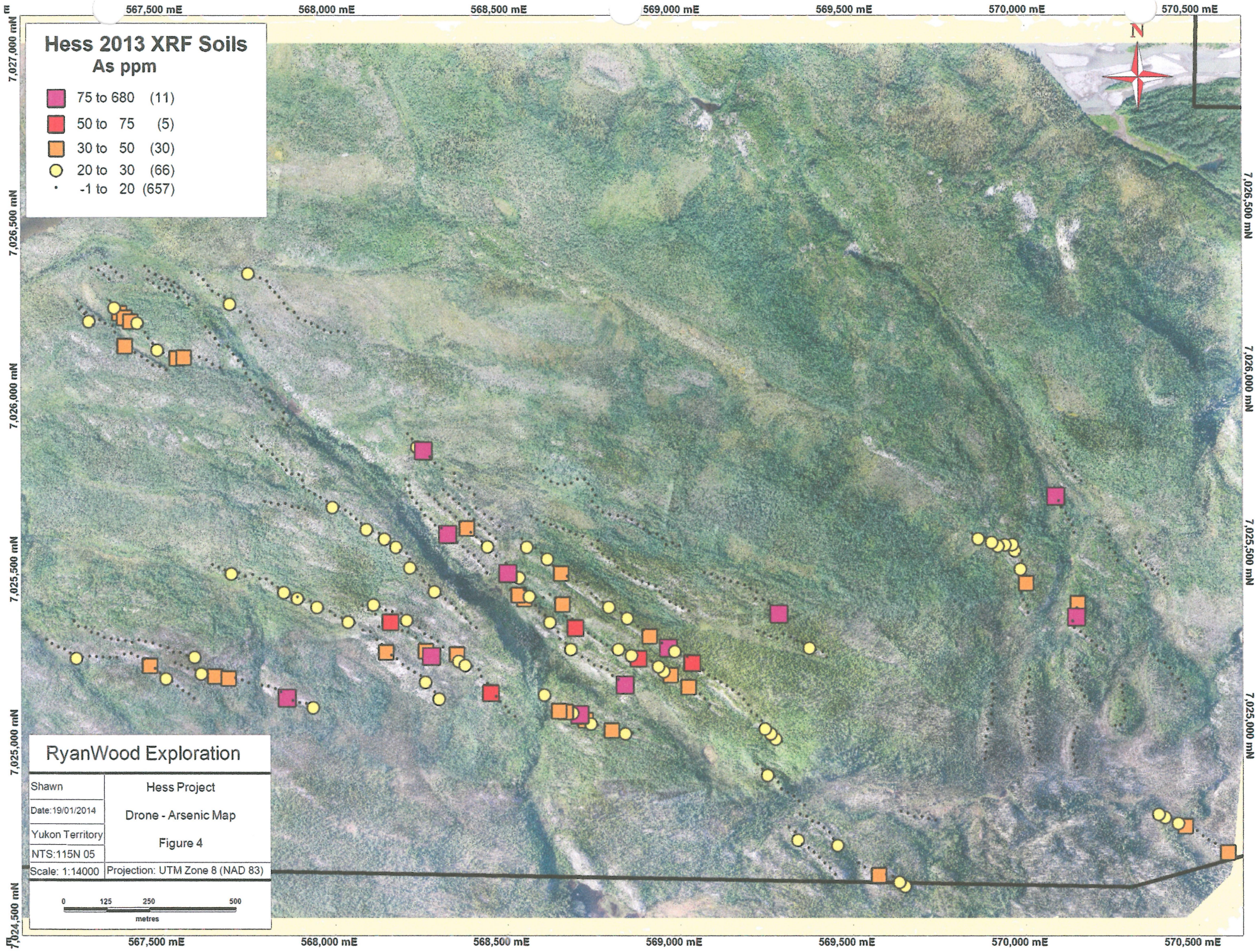
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Drone - Arsenic Map
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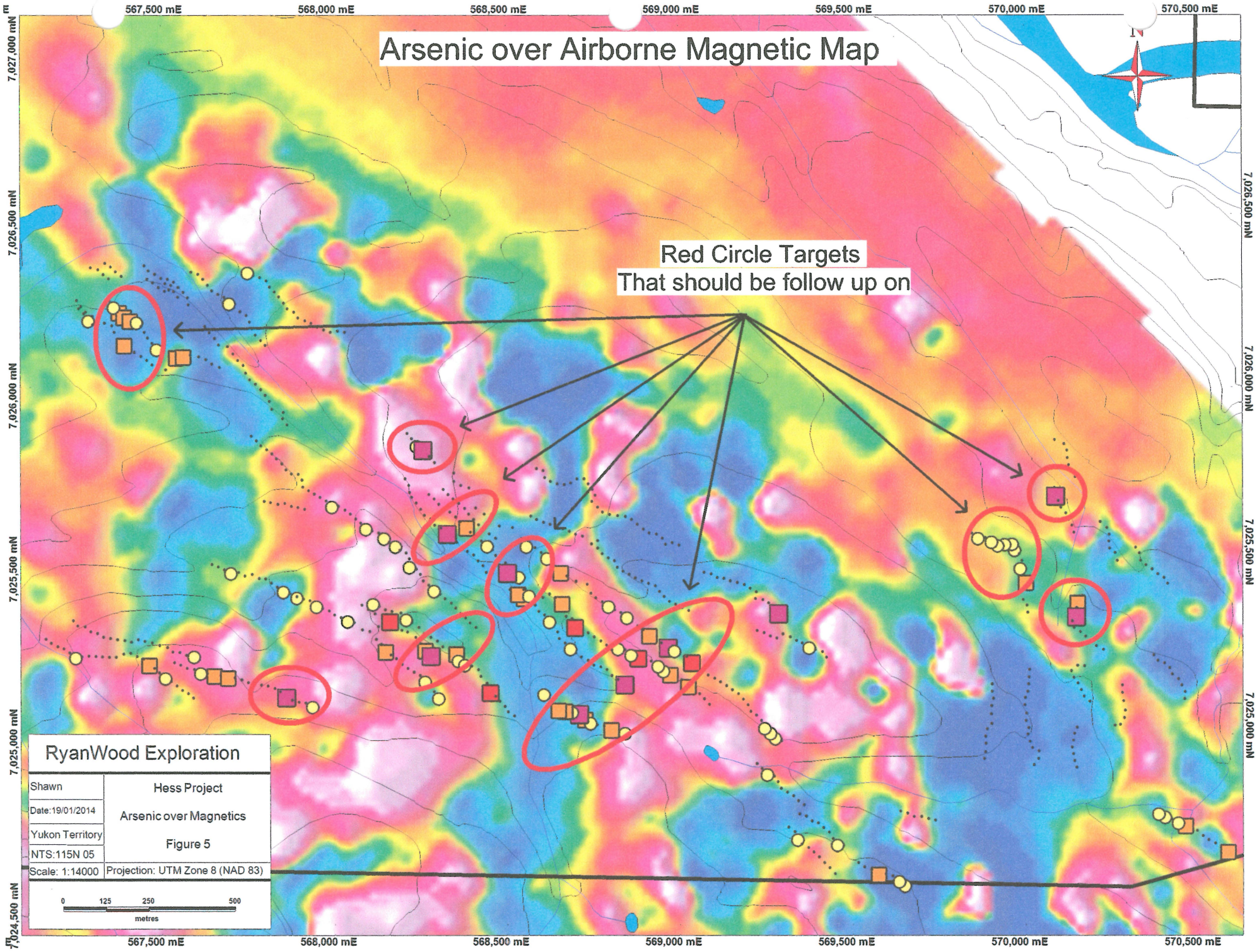
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Scale: 1:14000
Projection: UTM Zone 8 (NAD 83)
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| 1330155 | HES | 8 | 570008 | 7025018 | Chocolate Brown | Silt | Damp | Subtle Slope | 90 | B | Black Spruce |
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| 1330157 | HES | 8 | 570012 | 7024977 | Bluish Grey | Silt | Damp | Subtle Slope | 60 | B | Black Spruce |
| 1330158 | HES | 8 | 570019 | 7024959 | Bluish Grey | Silt | Damp | Subtle Slope | 60 | B | Black Spruce |
| 1330159 | HES | 8 | 570038 | 7024950 | Bluish Grey | Clay | Damp | Subtle Slope | 100 | C | Black Spruce |
| 1330160 | HES | 8 | 570036 | 7024927 | Bluish Grey | Clay | Damp | Subtle Slope | 90 | C | Black Spruce |
| 1330161 | HES | 8 | 570023 | 7024910 | Grey | Clay | Damp | Subtle Slope | 80 | C | Black Spruce |
| 1330162 | HES | 8 | 570184 | 7025093 | Bluish Grey | Silt | Damp | Pronounced Slope | 80 | C | Black Spruce |
| 1330163 | HES | 8 | 570168 | 7025107 | Light Brown | Silt | Dry | Pronounced Slope | 110 | C | Poplar |
| 1330164 | HES | 8 | 570160 | 7025126 | Bluish Grey | Silt | Damp | Subtle Slope | 50 | B | Black Spruce |
| 1330165 | HES | 8 | 570150 | 7025145 | Grey | Silt | Damp | Subtle Slope | 60 | B | Black Spruce |
| 1330166 | HES | 8 | 570138 | 7025162 | Light Brown | Silt | Damp | Subtle Slope | 70 | B | Black Spruce |
| 1330167 | HES | 8 | 570131 | 7025181 | Chocolate Brown | Silt | Damp | Subtle Slope | 60 | B | Black Spruce |
| 1330168 | HES | 8 | 570149 | 7025196 | Light Brown | Silt | Damp | Subtle Slope | 40 | B | Poplar |
| 1330169 | HES | 8 | 570169 | 7025195 | Light Brown | Clay | Damp | Subtle Slope | 70 | B | Poplar |
| 1330170 | HES | 8 | 570278 | 7025140 | Chocolate Brown | Silt | Damp | Pronounced Slope | 70 | B | Poplar |
| 1330171 | HES | 8 | 570278 | 7025118 | Light Brown | Silt | Damp | Subtle Slope | 50 | B | Poplar |
| 1330172 | HES | 8 | 570282 | 7025095 | Bluish Grey | Silt | Damp | Subtle Slope | 50 | B | Poplar |
| 1330173 | HES | 8 | 570286 | 7025067 | Bluish Grey | Silt | Damp | Subtle Slope | 50 | B | Poplar |
| 1330174 | HES | 8 | 570284 | 7025046 | Light Bluish Grey | Silt | Damp | Flat | 60 | B | Black Spruce |
| 1330175 | HES | 8 | 570284 | 7025046 | Light Bluish Grey | Silt | Damp | Flat | 60 | B | Black Spruce |
| 1330176 | HES | 8 | 570272 | 7025027 | Chocolate Brown | Silt | Damp | Subtle Slope | 60 | B | Poplar |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1330135 | Sphagnum Moss < 30cm | Good | Coarse | | |
| 1330136 | Reindeer Moss | Excellent | Coarse | Quartz Chips | |
| 1330137 | Reindeer Moss | Excellent | Rusty Rock Chip | Coarse | |
| 1330138 | Reindeer Moss | Excellent | Coarse | | shale |
| 1330139 | Reindeer Moss | Excellent | Rusty Rock Chip | Quartz Chips | |
| 1330140 | Sphagnum Moss < 30cm | Good | | | |
| 1330141 | Reindeer Moss | Good | Clay | Quartz Chips | |
| 1330142 | Reindeer Moss | Excellent | Sandy | Quartz Chips | |
| 1330143 | Sphagnum Moss < 30cm | Excellent | Coarse | Dull Red Rust | |
| 1330144 | Sphagnum Moss < 30cm | Good | Quartz Chips | Rusty Rock Chip | |
| 1330145 | Sphagnum Moss < 30cm | Good | Quartz Chips | | |
| 1330146 | Thin Moss Cover | Good | Quartz Chips | | |
| 1330147 | Thin Moss Cover | Good | Rusty Rock Chip | | |
| 1330148 | Thin Moss Cover | Excellent | Coarse | Quartz Chips | |
| 1330149 | Thin Moss Cover | Good | Quartz Chips | Rusty Rock Chip | |
| 1330150 | Thin Moss Cover | Excellent | Coarse | Quartz Chips | |
| 1330152 | Reindeer Moss | Good | Dull Red Rust | | |
| 1330153 | Reindeer Moss | Good | | | |
| 1330154 | Reindeer Moss | Excellent | Coarse | Bright Orange Rust | |
| 1330155 | Reindeer Moss | Good | Bright Orange Rust | Rusty Rock Chip | |
| 1330156 | Reindeer Moss | Excellent | Coarse | Rusty Rock Chip | |
| 1330157 | Reindeer Moss | Good | Rusty Rock Chip | | |
| 1330158 | Reindeer Moss | Good | | | shale |
| 1330159 | Sphagnum Moss < 30cm | Excellent | Coarse | | |
| 1330160 | Sphagnum Moss < 30cm | Excellent | Coarse | Bright Orange Rust | |
| 1330161 | Reindeer Moss | Excellent | Coarse | Rusty Rock Chip | |
| 1330162 | Bare Soil | Excellent | Coarse | Bright Orange Rust | |
| 1330163 | Thin Moss Cover | Excellent | Coarse | Dull Red Rust | |
| 1330164 | Sphagnum Moss < 30cm | Good | Coarse | | |
| 1330165 | Sphagnum Moss < 30cm | Good | Coarse | Rusty Rock Chip | |
| 1330166 | Reindeer Moss | Good | Coarse | Rusty Rock Chip | |
| 1330167 | Sphagnum Moss < 30cm | Good | Coarse | | |
| 1330168 | Thin Moss Cover | Good | Rusty Rock Chip | | |
| 1330169 | Thin Moss Cover | Good | | | |
| 1330170 | Thin Moss Cover | Good | | | |
| 1330171 | Thin Moss Cover | Good | Rusty Rock Chip | | |
| 1330172 | Thin Moss Cover | Good | Coarse | | |
| 1330173 | Thin Moss Cover | Good | | | |
| 1330174 | Thin Moss Cover | Good | Rusty Rock Chip | | |
| 1330175 | Thin Moss Cover | Good | Rusty Rock Chip | | |
| 1330176 | Thin Moss Cover | Good | Dull Red Rust | | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1330135 | | 1330135 | -1 | 3399 | 1701 | 221 | -1 | 190 | 4813 | 82 | 2088 | 45 | 2231 | 38 |
| 1330136 | | 1330136 | -1 | 3589 | 1181 | 220 | 224 | 69 | 4032 | 78 | 1703 | 43 | 1808 | 38 |
| 1330137 | | 1330137 | -1 | 3572 | 1686 | 230 | 746 | 77 | 3627 | 75 | 1843 | 44 | 1023 | 30 |
| 1330138 | | 1330138 | -1 | 3466 | 957 | 220 | -1 | 213 | 3852 | 80 | 1446 | 42 | 2134 | 40 |
| 1330139 | | 1330139 | -1 | 3480 | 1475 | 214 | 416 | 68 | 3376 | 69 | 2064 | 44 | 2044 | 37 |
| 1330140 | | 1330140 | -1 | 3706 | 1556 | 249 | -1 | 227 | 2541 | 72 | 1812 | 47 | 2658 | 46 |
| 1330141 | | 1330141 | -1 | 3488 | 1127 | 210 | -1 | 187 | 4026 | 77 | 2791 | 50 | 2200 | 38 |
| 1330142 | | 1330142 | -1 | 3355 | 1457 | 212 | -1 | 182 | 2900 | 66 | 2564 | 48 | 2053 | 36 |
| 1330143 | | 1330143 | -1 | 3274 | 1075 | 199 | 367 | 66 | 3378 | 69 | 2153 | 44 | 2293 | 37 |
| 1330144 | | 1330144 | -1 | 3324 | 1099 | 208 | 605 | 73 | 3661 | 74 | 1751 | 42 | 1639 | 34 |
| 1330145 | | 1330145 | -1 | 5431 | 1800 | 303 | -1 | 371 | 7554 | 113 | 12486 | 117 | 35830 | 231 |
| 1330146 | | 1330146 | -1 | 4672 | -1 | 852 | -1 | 284 | 7585 | 135 | 2792 | 65 | 1357 | 43 |
| 1330147 | | 1330147 | -1 | 4568 | 1081 | 270 | 320 | 90 | 10025 | 144 | 2734 | 61 | 1807 | 44 |
| 1330148 | | 1330148 | -1 | 3526 | 1158 | 217 | -1 | 207 | 4471 | 82 | 2145 | 46 | 2775 | 43 |
| 1330149 | | 1330149 | -1 | 4132 | 1414 | 264 | -1 | 252 | 3198 | 85 | 2639 | 57 | 2054 | 43 |
| 1330150 | | 1330150 | -1 | 3246 | 1512 | 207 | -1 | 178 | 2353 | 58 | 1851 | 41 | 2840 | 41 |
| 1330152 | | 1330152 | -1 | 4008 | 1375 | 249 | 717 | 90 | 4581 | 92 | 2190 | 51 | 2773 | 47 |
| 1330153 | | 1330153 | -1 | 3296 | 1303 | 213 | 577 | 73 | 4702 | 82 | 1059 | 37 | 1492 | 36 |
| 1330154 | | 1330154 | -1 | 3363 | 1805 | 228 | -1 | 183 | 2285 | 60 | 2182 | 45 | 2722 | 43 |
| 1330155 | | 1330155 | -1 | 3750 | 1462 | 243 | -1 | 203 | 4337 | 86 | 2310 | 50 | 1410 | 36 |
| 1330156 | | 1330156 | -1 | 3731 | 1213 | 230 | -1 | 206 | 2817 | 71 | 2229 | 48 | 2143 | 41 |
| 1330157 | | 1330157 | -1 | 3562 | 1978 | 248 | -1 | 218 | 1837 | 60 | 1693 | 43 | 2851 | 45 |
| 1330158 | | 1330158 | -1 | 3431 | 1554 | 224 | -1 | 197 | 4097 | 78 | 1817 | 43 | 3072 | 45 |
| 1330159 | | 1330159 | -1 | 3223 | 1005 | 198 | -1 | 181 | 3925 | 73 | 1875 | 42 | 1419 | 32 |
| 1330160 | | 1330160 | -1 | 4878 | 2130 | 315 | -1 | 275 | 7828 | 130 | 2731 | 62 | 1937 | 48 |
| 1330161 | | 1330161 | -1 | 3881 | 1446 | 249 | -1 | 228 | 3203 | 79 | 1557 | 45 | 1994 | 42 |
| 1330162 | | 1330162 | -1 | 3534 | 1292 | 223 | 518 | 76 | 5510 | 92 | 1776 | 44 | 2632 | 42 |
| 1330163 | | 1330163 | -1 | 3417 | 2156 | 230 | -1 | 186 | 2426 | 59 | 3605 | 54 | 2250 | 37 |
| 1330164 | | 1330164 | -1 | 3472 | 1148 | 219 | -1 | 209 | 3151 | 71 | 2892 | 52 | 2844 | 44 |
| 1330165 | | 1330165 | -1 | 3474 | 1520 | 220 | 436 | 69 | 4912 | 83 | 2276 | 46 | 1432 | 33 |
| 1330166 | | 1330166 | -1 | 3431 | 1112 | 204 | 423 | 67 | 5744 | 88 | 2773 | 49 | 1289 | 31 |
| 1330167 | | 1330167 | -1 | 4033 | 1714 | 270 | -1 | 249 | 1656 | 67 | 2323 | 53 | 3243 | 52 |
| 1330168 | | 1330168 | -1 | 9776 | 3257 | 757 | 469502 | 2567 | 3999 | 75 | 14145 | 117 | 1798 | 34 |
| 1330169 | | 1330169 | -1 | 3290 | 1029 | 200 | 1023 | 79 | 4198 | 75 | 1737 | 41 | 2681 | 40 |
| 1330170 | | 1330170 | -1 | 3311 | 1400 | 210 | -1 | 174 | 2358 | 61 | 2160 | 44 | 2447 | 39 |
| 1330171 | | 1330171 | -1 | 3981 | 2439 | 269 | -1 | 218 | 4845 | 88 | 4499 | 65 | 1617 | 38 |
| 1330172 | | 1330172 | -1 | 3418 | 2004 | 228 | -1 | 188 | 2158 | 57 | 3069 | 51 | 2479 | 39 |
| 1330173 | | 1330173 | -1 | 3914 | 1675 | 238 | -1 | 201 | 4430 | 83 | 2797 | 52 | 1150 | 32 |
| 1330174 | | 1330174 | -1 | 3473 | 1174 | 204 | 224 | 65 | 5244 | 84 | 1835 | 42 | 2718 | 41 |
| 1330175 | 1330174 | 1330175 | -1 | 4183 | 1695 | 259 | 525 | 83 | 8666 | 120 | 2870 | 56 | 1910 | 41 |
| 1330176 | | 1330176 | -1 | 3318 | 1397 | 209 | -1 | 182 | 4748 | 79 | 1867 | 42 | 1881 | 35 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1330135 | 35 | 3 | 106 | 3 | 13377 | 82 | 343 | 21 | -1 | 14 | 26 | 2 | 42 | 2 | **18.1** |
| 1330136 | 28 | 3 | 141 | 4 | 19387 | 112 | 346 | 25 | -1 | 15 | 29 | 3 | 57 | 2 | **16** |
| 1330137 | 19 | 3 | 150 | 4 | 15301 | 92 | 339 | 22 | -1 | 15 | 27 | 3 | 43 | 2 | **12.7** |
| 1330138 | 32 | 3 | 143 | 4 | 15012 | 85 | 353 | 21 | -1 | 14 | 31 | 2 | 45.4 | 2 | **9.6** |
| 1330139 | 26 | 3 | 157 | 4 | 15610 | 93 | 335 | 22 | -1 | 15 | 29 | 3 | 47 | 2 | **9.8** |
| 1330140 | 32 | 3 | 123 | 4 | 13200 | 80 | 288 | 20 | -1 | 13 | 23 | 2 | 36.5 | 2 | **5.9** |
| 1330141 | 28 | 3 | 136 | 4 | 13363 | 83 | 290 | 21 | -1 | 15 | 21 | 2 | 43 | 2 | **6.9** |
| 1330142 | 28 | 3 | 102 | 3 | 12163 | 77 | 306 | 20 | -1 | 14 | 23 | 2 | 54 | 2 | **4.5** |
| 1330143 | 24 | 3 | 127 | 3 | 13885 | 84 | 444 | 21 | -1 | 14 | 28 | 2 | 49 | 2 | **6.5** |
| 1330144 | 24 | 3 | 114 | 3 | 12663 | 80 | 341 | 20 | -1 | 14 | 23 | 2 | 42 | 2 | **5.1** |
| 1330145 | -1 | 11 | 133 | 4 | 13669 | 79 | 310 | 20 | -1 | 13 | 20 | 2 | 57 | 2 | **7** |
| 1330146 | 33 | 4 | 229 | 6 | 14901 | 92 | 269 | 22 | -1 | 15 | 15 | 2 | 36 | 2 | **4.3** |
| 1330147 | 33 | 4 | 224 | 5 | 17072 | 100 | 264 | 23 | -1 | 14 | 27 | 3 | 39 | 2 | **-1** |
| 1330148 | 31 | 3 | 146 | 4 | 13785 | 84 | 294 | 21 | -1 | 14 | 20 | 2 | 39.9 | 2 | **7.7** |
| 1330149 | 24 | 3 | 145 | 4 | 12043 | 78 | 223 | 20 | -1 | 14 | 21 | 2 | 26.7 | 2 | **7.1** |
| 1330150 | 24 | 3 | 134 | 3 | 13713 | 84 | 364 | 21 | -1 | 14 | 27 | 3 | 45 | 2 | **14.5** |
| 1330152 | 32 | 3 | 123 | 4 | 14144 | 84 | 348 | 21 | -1 | 14 | 24 | 2 | 40 | 2 | **8.6** |
| 1330153 | 27 | 3 | 129 | 4 | 12827 | 80 | 351 | 20 | -1 | 14 | 22 | 2 | 62 | 2 | **8.8** |
| 1330154 | 34 | 3 | 163 | 4 | 17594 | 104 | 462 | 24 | -1 | 16 | 29 | 3 | 54 | 2 | **9.7** |
| 1330155 | 26 | 3 | 205 | 5 | 20663 | 111 | 451 | 24 | -1 | 15 | 34 | 3 | 45.6 | 2 | **8** |
| 1330156 | 26 | 3 | 164 | 4 | 17607 | 97 | 464 | 23 | -1 | 14 | 30 | 2 | 51 | 2 | **9.5** |
| 1330157 | 33 | 3 | 183 | 4 | 18386 | 101 | 466 | 23 | -1 | 14 | 33 | 2 | 50 | 2 | **9.1** |
| 1330158 | 36 | 3 | 179 | 4 | 16197 | 97 | 400 | 23 | -1 | 15 | 36 | 3 | 52 | 2 | **7.8** |
| 1330159 | 28 | 3 | 146 | 4 | 16786 | 101 | 439 | 24 | -1 | 15 | 26 | 3 | 54 | 2 | **6** |
| 1330160 | 48 | 4 | 229 | 6 | 21077 | 118 | 341 | 25 | -1 | 15 | 25 | 3 | 43 | 2 | **8.9** |
| 1330161 | 36 | 4 | 98 | 4 | 14954 | 86 | 361 | 21 | -1 | 14 | 13 | 2 | 37.9 | 2 | **6.6** |
| 1330162 | 29 | 3 | 127 | 4 | 13189 | 75 | 312 | 19 | -1 | 13 | 23 | 2 | 39.6 | 2 | **5.1** |
| 1330163 | 27 | 3 | 119 | 3 | 15246 | 92 | 360 | 22 | -1 | 15 | 30 | 3 | 43 | 2 | **9.1** |
| 1330164 | 33 | 3 | 122 | 4 | 14689 | 83 | 382 | 20 | -1 | 13 | 26 | 2 | 43.6 | 2 | **4.1** |
| 1330165 | 26 | 3 | 113 | 4 | 16801 | 99 | 352 | 23 | -1 | 15 | 25 | 3 | 44 | 2 | **6.7** |
| 1330166 | 24 | 3 | 184 | 4 | 13848 | 85 | 267 | 21 | -1 | 15 | 16 | 2 | 43 | 2 | **9.1** |
| 1330167 | 32 | 3 | 82 | 4 | 10926 | 73 | 222 | 19 | -1 | 14 | 14 | 2 | 22.4 | 2 | **3.7** |
| 1330168 | -1 | 7 | 34 | 2 | 4158 | 36 | 196 | 12 | -1 | 12 | 7 | 2 | 108 | 3 | **4.8** |
| 1330169 | 28 | 3 | 117 | 3 | 14330 | 88 | 391 | 22 | -1 | 15 | 25 | 3 | 54 | 2 | **7** |
| 1330170 | 24 | 3 | 79 | 3 | 11648 | 69 | 328 | 18 | -1 | 13 | 24 | 2 | 32.4 | 2 | **5** |
| 1330171 | 32 | 3 | 162 | 4 | 19023 | 111 | 372 | 25 | -1 | 15 | 26 | 3 | 42 | 2 | **9.6** |
| 1330172 | 26 | 3 | 111 | 3 | 14092 | 85 | 336 | 21 | -1 | 14 | 25 | 2 | 50 | 2 | **7.3** |
| 1330173 | 26 | 3 | 165 | 4 | 18753 | 110 | 370 | 25 | -1 | 16 | 32 | 3 | 52 | 2 | **7** |
| 1330174 | 28 | 3 | 116 | 3 | 14900 | 90 | 343 | 22 | -1 | 15 | 29 | 3 | 52 | 2 | **9.5** |
| 1330175 | 38 | 4 | 174 | 5 | 20923 | 120 | 298 | 26 | -1 | 16 | 29 | 3 | 99 | 3 | **11.5** |
| 1330176 | 29 | 3 | 106 | 3 | 17610 | 104 | 406 | 24 | -1 | 15 | 26 | 3 | 46 | 2 | **9.2** |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1330135 | 1.3 | -1 | 1.7 | 77.6 | 1.2 | 73 | 6 | 245 | 19 | -1 | -19.4 | -1 | 6 | -1 | 9 | -1 |
| 1330136 | 1.3 | -1 | 1.7 | 79.9 | 1.3 | 91 | 8 | 266 | 22 | -1 | 22 | -1 | 8 | -1 | 10 | -1 |
| 1330137 | 1.3 | -1 | 1.7 | 76 | 1.2 | 64 | 5 | 203 | 16 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |
| 1330138 | 1.2 | -1 | 1.6 | 66.1 | 1.1 | 68 | 6 | 191 | 16 | -1 | -20 | -1 | 8 | -1 | 10 | -1 |
| 1330139 | 1.3 | -1 | 1.8 | 82.1 | 1.3 | 77 | 6 | 208 | 16 | -1 | -18.5 | -1 | 6 | -1 | 9 | -1 |
| 1330140 | 1.2 | -1 | 1.6 | 77 | 1.2 | 73 | 8 | 213 | 21 | -1 | 24 | -1 | 9 | -1 | 13 | -1 |
| 1330141 | 1.2 | -1 | 1.8 | 72.1 | 1.2 | 71 | 6 | 195 | 15 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |
| 1330142 | 1.2 | -1 | 1.8 | 66.7 | 1.2 | 71 | 6 | 205 | 17 | -1 | 20 | -1 | 8 | -1 | 11 | -1 |
| 1330143 | 1.2 | -1 | 1.8 | 82.1 | 1.3 | 92 | 8 | 246 | 21 | -1 | 22 | -1 | 8 | -1 | 12 | -1 |
| 1330144 | 1.2 | -1 | 1.7 | 75 | 1.2 | 86 | 8 | 217 | 19 | -1 | -22 | -1 | 9 | -1 | 12 | -1 |
| 1330145 | 1.1 | -1 | 1.6 | 76.6 | 1.2 | 65 | 5 | 163 | 12 | -1 | 16 | -1 | 6 | -1 | 8 | -1 |
| 1330146 | 1.2 | -1 | 1.7 | 73.4 | 1.3 | 73 | 8 | 168 | 16 | -1 | 21 | -1 | 8 | -1 | 12 | -1 |
| 1330147 | 3.6 | -1 | 1.7 | 82.2 | 1.3 | 66 | 6 | 163 | 15 | -1 | 19 | -1 | 7 | -1 | 10 | -1 |
| 1330148 | 1.2 | -1 | 1.7 | 73.4 | 1.2 | 69 | 6 | 215 | 18 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1330149 | 1.2 | -1 | 1.8 | 52.5 | 1.1 | 56 | 6 | 169 | 17 | -1 | 22 | -1 | 8 | -1 | 12 | -1 |
| 1330150 | 1.3 | -1 | 1.7 | 76.3 | 1.2 | 70 | 6 | 200 | 15 | -1 | 17 | -1 | 6 | -1 | 8 | -1 |
| 1330152 | 1.2 | -1 | 1.7 | 75.3 | 1.2 | 71 | 7 | 204 | 20 | -1 | -23.8 | -1 | 9 | -1 | 12 | -1 |
| 1330153 | 1.2 | -1 | 1.7 | 64.5 | 1.1 | 85 | 7 | 227 | 18 | -1 | -20 | -1 | 7 | -1 | 10 | -1 |
| 1330154 | 1.3 | -1 | 1.7 | 103.1 | 1.4 | 82 | 7 | 208 | 16 | -1 | 18 | -1 | 6 | -1 | 9 | -1 |
| 1330155 | 1.2 | -1 | 1.6 | 99 | 1.3 | 82 | 7 | 218 | 19 | -1 | -20.9 | -1 | 8 | -1 | 10 | -1 |
| 1330156 | 1.2 | -1 | 1.6 | 98.8 | 1.3 | 84 | 8 | 196 | 17 | -1 | 20 | -1 | 8 | -1 | 11 | -1 |
| 1330157 | 1.2 | -1 | 1.7 | 104 | 1.4 | 80 | 7 | 192 | 17 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1330158 | 1.3 | -1 | 1.7 | 96.9 | 1.4 | 83 | 7 | 203 | 17 | -1 | 19 | -1 | 7 | -1 | 10 | -1 |
| 1330159 | 1.2 | -1 | 1.8 | 96.8 | 1.4 | 65 | 5 | 167 | 11 | -1 | 15 | -1 | 5 | -1 | 7 | -1 |
| 1330160 | 1.2 | -1 | 1.6 | 93.3 | 1.3 | 81 | 8 | 175 | 16 | -1 | 20 | -1 | 8 | -1 | 11 | -1 |
| 1330161 | 1.1 | -1 | 1.6 | 88.6 | 1.3 | 81 | 8 | 182 | 16 | -1 | -20.8 | -1 | 8 | -1 | 11 | -1 |
| 1330162 | 1.1 | -1 | 1.6 | 91.3 | 1.2 | 74 | 7 | 170 | 14 | -1 | -19.2 | -1 | 7 | -1 | 10 | -1 |
| 1330163 | 1.3 | -1 | 1.7 | 87.1 | 1.3 | 104 | 8 | 211 | 17 | -1 | -19.1 | -1 | 7 | -1 | 9 | -1 |
| 1330164 | 1.1 | -1 | 1.7 | 90.5 | 1.2 | 104 | 10 | 250 | 23 | -1 | 23 | -1 | 9 | -1 | 12 | -1 |
| 1330165 | 1.3 | -1 | 1.8 | 85 | 1.3 | 81 | 7 | 201 | 16 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |
| 1330166 | 1.2 | -1 | 1.7 | 68.1 | 1.2 | 71 | 6 | 220 | 17 | -1 | 19 | -1 | 7 | -1 | 9 | -1 |
| 1330167 | 1.2 | -1 | 1.7 | 46.6 | 1.1 | 55 | 6 | 183 | 19 | -1 | -23.9 | -1 | 9 | -1 | 12 | -1 |
| 1330168 | 1.1 | -1 | 1.6 | 63.8 | 1.1 | 62 | 5 | 193 | 15 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |
| 1330169 | 1.2 | -1 | 1.8 | 86.2 | 1.3 | 71 | 5 | 189 | 13 | -1 | 16 | -1 | 6 | -1 | 8 | -1 |
| 1330170 | 1.1 | -1 | 1.6 | 68.8 | 1.1 | 58 | 5 | 186 | 15 | -1 | 18 | -1 | 7 | -1 | 10 | -1 |
| 1330171 | 1.3 | -1 | 1.7 | 86.4 | 1.3 | 123 | 11 | 258 | 22 | -1 | 22 | -1 | 7 | -1 | 11 | -1 |
| 1330172 | 1.2 | -1 | 1.7 | 83.4 | 1.3 | 137 | 13 | 288 | 27 | -1 | 25 | -1 | 10 | -1 | 13 | -1 |
| 1330173 | 1.3 | -1 | 1.8 | 98 | 1.4 | 90 | 8 | 228 | 19 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1330174 | 1.3 | -1 | 1.7 | 82.8 | 1.3 | 76 | 6 | 216 | 17 | -1 | 19 | -1 | 7 | -1 | 10 | -1 |
| 1330175 | 1.3 | -1 | 1.8 | 85.7 | 1.3 | 71 | 6 | 203 | 16 | -1 | -18.3 | -1 | 6 | -1 | 9 | -1 |
| 1330176 | 1.3 | 2 | 0.6 | 95.9 | 1.4 | 89 | 8 | 233 | 19 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1330135 | 12 | -1 | 16 | 216 | 13 | -1 | 15 | -1 | 3.9 | 17.9 | 1.5 | Soil | PASS | 88.2 |
| 1330136 | 15 | -1 | 19 | 275 | 14 | -1 | 15 | -1 | 4 | 20 | 1.6 | Soil | PASS | 88.2 |
| 1330137 | 13 | -1 | 17 | 179 | 11 | -1 | 15 | -1 | 3.8 | 22 | 1.6 | Soil | PASS | 88.4 |
| 1330138 | 14 | -1 | 19 | 241 | 14 | -1 | 14 | -1 | 3.6 | 21.2 | 1.5 | Soil | PASS | 90.48 |
| 1330139 | 12 | -1 | 17 | 226 | 13 | -1 | 14 | 4.2 | 1.3 | 22.2 | 1.6 | Soil | PASS | 88.36 |
| 1330140 | 18 | -1 | 24 | 227 | 15 | -1 | 14 | -1 | 3.6 | 20.3 | 1.5 | Soil | PASS | 90.87 |
| 1330141 | 12 | -1 | 17 | 226 | 13 | -1 | 15 | -1 | 3.7 | 22 | 1.6 | Soil | PASS | 88.24 |
| 1330142 | 15 | -1 | 19 | 191 | 12 | -1 | 15 | -1 | 3.7 | 20.9 | 1.6 | Soil | PASS | 88.26 |
| 1330143 | 16 | -1 | 21 | 207 | 12 | -1 | 14 | -1 | 3.7 | 23.8 | 1.6 | Soil | PASS | 88.4 |
| 1330144 | 16 | -1 | 21 | 181 | 12 | -1 | 14 | 5.4 | 1.4 | 23.1 | 1.6 | Soil | PASS | 88.24 |
| 1330145 | 12 | -1 | 15 | 1072 | 39 | -1 | 14 | -1 | 3.5 | 19.4 | 1.4 | Soil | PASS | 90.16 |
| 1330146 | 16 | -1 | 21 | 320 | 17 | -1 | 14 | -1 | 4 | 15.6 | 1.5 | Soil | PASS | 91.1 |
| 1330147 | 14 | -1 | 19 | 335 | 16 | -1 | 14 | -1 | 3.8 | 22.3 | 1.6 | Soil | PASS | 91.04 |
| 1330148 | 14 | -1 | 18 | 273 | 14 | -1 | 14 | -1 | 3.9 | 19.8 | 1.5 | Soil | PASS | 88.36 |
| 1330149 | 16 | -1 | 21 | 221 | 15 | -1 | 15 | -1 | 3.7 | 17.5 | 1.5 | Soil | PASS | 91.15 |
| 1330150 | 12 | -1 | 15 | 220 | 13 | -1 | 14 | 4.3 | 1.3 | 20.1 | 1.5 | Soil | PASS | 88.32 |
| 1330152 | 17 | -1 | 22 | 245 | 15 | -1 | 14 | -1 | 3.6 | 19.3 | 1.5 | Soil | PASS | 91.04 |
| 1330153 | 13 | -1 | 17 | 394 | 14 | -1 | 14 | -1 | 3.8 | 18.8 | 1.5 | Soil | PASS | 88.33 |
| 1330154 | 12 | -1 | 16 | 287 | 14 | -1 | 14 | -1 | 4.1 | 22.9 | 1.6 | Soil | PASS | 88.23 |
| 1330155 | 14 | -1 | 19 | 240 | 14 | -1 | 14 | -1 | 3.6 | 22.1 | 1.5 | Soil | PASS | 90.36 |
| 1330156 | 15 | -1 | 19 | 220 | 14 | -1 | 14 | 3.8 | 1.3 | 24.6 | 1.5 | Soil | PASS | 90.48 |
| 1330157 | 14 | -1 | 18 | 241 | 15 | -1 | 14 | -1 | 3.7 | 23.2 | 1.5 | Soil | PASS | 90.88 |
| 1330158 | 14 | -1 | 18 | 293 | 15 | -1 | 15 | -1 | 4 | 23.3 | 1.6 | Soil | PASS | 88.31 |
| 1330159 | 10 | -1 | 14 | 205 | 12 | -1 | 15 | -1 | 3.8 | 18.6 | 1.6 | Soil | PASS | 88.03 |
| 1330160 | 15 | -1 | 19 | 364 | 18 | -1 | 14 | -1 | 3.7 | 20.3 | 1.6 | Soil | PASS | 90.83 |
| 1330161 | 15 | -1 | 20 | 296 | 15 | -1 | 14 | -1 | 3.5 | 15.6 | 1.4 | Soil | PASS | 90.66 |
| 1330162 | 14 | -1 | 19 | 254 | 14 | -1 | 13 | -1 | 3.3 | 20 | 1.4 | Soil | PASS | 90.37 |
| 1330163 | 13 | -1 | 17 | 209 | 13 | -1 | 14 | 5.3 | 1.4 | 22.2 | 1.6 | Soil | PASS | 88.17 |
| 1330164 | 16 | -1 | 21 | 259 | 14 | -1 | 14 | -1 | 3.7 | 20.2 | 1.5 | Soil | PASS | 90.38 |
| 1330165 | 13 | -1 | 16 | 242 | 12 | -1 | 14 | -1 | 3.9 | 25.5 | 1.6 | Soil | PASS | 88.24 |
| 1330166 | 13 | -1 | 17 | 205 | 11 | -1 | 14 | -1 | 3.7 | 16.4 | 1.5 | Soil | PASS | 88.22 |
| 1330167 | 17 | -1 | 23 | 232 | 16 | -1 | 14 | -1 | 3.8 | 18 | 1.5 | Soil | PASS | 91.32 |
| 1330168 | 12 | -1 | 16 | 264 | 12 | -1 | 13 | -1 | 3.6 | 18.9 | 1.5 | Soil | PASS | 88.48 |
| 1330169 | 11 | -1 | 14 | 252 | 13 | -1 | 15 | -1 | 4 | 21.9 | 1.6 | Soil | PASS | 88.02 |
| 1330170 | 13 | -1 | 17 | 240 | 13 | -1 | 13 | 4.4 | 1.3 | 22.1 | 1.5 | Soil | PASS | 90.47 |
| 1330171 | 15 | -1 | 19 | 276 | 14 | -1 | 15 | 4.2 | 1.4 | 21.7 | 1.6 | Soil | PASS | 148.9 |
| 1330172 | 18 | -1 | 23 | 210 | 13 | -1 | 14 | -1 | 4 | 20.5 | 1.5 | Soil | PASS | 88.42 |
| 1330173 | 14 | -1 | 18 | 224 | 13 | -1 | 15 | -1 | 3.9 | 25.2 | 1.7 | Soil | PASS | 88.29 |
| 1330174 | 13 | -1 | 17 | 255 | 13 | -1 | 15 | -1 | 3.7 | 22.5 | 1.6 | Soil | PASS | 88.29 |
| 1330175 | 12 | -1 | 16 | 325 | 15 | -1 | 14 | -1 | 4 | 21.8 | 1.6 | Soil | PASS | 88.4 |
| 1330176 | 14 | -1 | 18 | 246 | 13 | -1 | 15 | -1 | 3.9 | 21.7 | 1.6 | Soil | PASS | 88.25 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1330177 | HES | 8 | 570257 | 7025024 | Bluish Grey | Silt | Damp | Pronounced Slope | 80 | B | Black Spruce |
| 1330178 | HES | 8 | 568211 | 7025866 | Bluish Grey | Silt | Damp | Subtle Slope | 40 | B | Willows |
| 1330179 | HES | 8 | 568225 | 7025851 | Dark Grey Black | Silt | Damp | Subtle Slope | 50 | B | Willows |
| 1330180 | HES | 8 | 568239 | 7025833 | Reddish Brown | Silt | Damp | Subtle Slope | 20 | B | Poplar |
| 1330181 | HES | 8 | 568256 | 7025823 | Reddish Brown | Sand | Damp | Subtle Slope | 30 | C | Black Spruce |
| 1330182 | HES | 8 | 568276 | 7025799 | Dark Brown | Sand | Damp | Pronounced Slope | 20 | B | Poplar |
| 1330183 | HES | 8 | 568291 | 7025782 | Chocolate Brown | Clay | Damp | Subtle Slope | 60 | C | Poplar |
| 1330184 | HES | 8 | 568311 | 7025765 | Bluish Grey | Clay | Damp | Subtle Slope | 90 | C | Black Spruce |
| 1330185 | HES | 8 | 568346 | 7025752 | Reddish Yellow | Clay | Damp | Subtle Slope | 10 | B | Poplar |
| 1330186 | HES | 8 | 568347 | 7025728 | Bluish Grey | Clay | Damp | Flat | 50 | C | Poplar |
| 1330187 | HES | 8 | 568367 | 7025716 | Light Bluish Grey | Silt | Damp | Subtle Slope | 30 | C | Black Spruce |
| 1330188 | HES | 8 | 568391 | 7025709 | Grey | Silt | Damp | Subtle Slope | 20 | B | Black Spruce |
| 1330189 | HES | 8 | 568405 | 7025691 | Bluish Grey | Silt | Damp | Subtle Slope | 40 | B | Black Spruce |
| 1330190 | HES | 8 | 568409 | 7025651 | Reddish Yellow | Silt | Damp | Subtle Slope | 20 | C | Pine |
| 1330191 | HES | 8 | 568434 | 7025633 | Reddish Yellow | Clay | Damp | Flat | 30 | C | Old Burn |
| 1330192 | HES | 8 | 568454 | 7025621 | Reddish Brown | Clay | Damp | Flat | 20 | B | Pine |
| 1330193 | HES | 8 | 568478 | 7025599 | Light Brown | Silt | Dry | Subtle Slope | 20 | B | Black Spruce |
| 1330194 | HES | 8 | 568516 | 7025594 | Bluish Grey | Clay | Damp | Subtle Slope | 80 | B | Black Spruce |
| 1330195 | HES | 8 | 568542 | 7025563 | Chocolate Brown | Sand | Damp | Subtle Slope | 20 | C | Old Burn |
| 1330196 | HES | 8 | 568556 | 7025544 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Black Spruce |
| 1330197 | HES | 8 | 568581 | 7025536 | Reddish Yellow | Silt | Damp | Subtle Slope | 20 | C | Poplar |
| 1330198 | HES | 8 | 568599 | 7025522 | Reddish Yellow | Clay | Damp | Subtle Slope | 20 | B | Poplar |
| 1330199 | HES | 8 | 568615 | 7025509 | Chocolate Brown | Silt | Damp | Subtle Slope | 10 | B | Poplar |
| 1330200 | HES | 8 | 568632 | 7025486 | Dark Brown | Silt | Damp | Subtle Slope | 20 | B | Poplar |
| 1330202 | HES | 8 | 568655 | 7025469 | Chocolate Brown | Silt | Damp | Subtle Slope | 20 | B | Pine |
| 1330203 | HES | 8 | 568672 | 7025455 | Reddish Yellow | Silt | Damp | Flat | 30 | B | Pine |
| 1330204 | HES | 8 | 568700 | 7025439 | Chocolate Brown | Sand | Damp | Subtle Slope | 30 | C | Pine |
| 1330205 | HES | 8 | 568732 | 7025431 | Chocolate Brown | Clay | Damp | Flat | 20 | B | Pine |
| 1330206 | HES | 8 | 568763 | 7025557 | Chocolate Brown | Clay | Damp | Subtle Slope | 60 | B | Pine |
| 1330207 | HES | 8 | 568740 | 7025562 | Chocolate Brown | Clay | Damp | Subtle Slope | 20 | B | Poplar |
| 1330208 | HES | 8 | 568719 | 7025570 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Black Spruce |
| 1330209 | HES | 8 | 568699 | 7025576 | Chocolate Brown | Sand | Damp | Subtle Slope | 30 | C | Black Spruce |
| 1330210 | HES | 8 | 568681 | 7025584 | Chocolate Brown | Sand | Damp | Subtle Slope | 50 | C | Poplar |
| 1330211 | HES | 8 | 568291 | 7025210 | Light Grey | Sand | Damp | Pronounced Slope | 60 | C | Poplar |
| 1330212 | HES | 8 | 568279 | 7025229 | Reddish Yellow | Clay | Wet | Pronounced Slope | 20 | B | Poplar |
| 1330213 | HES | 8 | 568262 | 7025245 | Chocolate Brown | Sand | Damp | Subtle Slope | 50 | C | Poplar |
| 1330214 | HES | 8 | 568247 | 7025262 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Pine |
| 1330215 | HES | 8 | 568235 | 7025278 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Poplar |
| 1330216 | HES | 8 | 568212 | 7025293 | Chocolate Brown | Silt | Damp | Subtle Slope | 50 | B | Poplar |
| 1330217 | HES | 8 | 568195 | 7025298 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Poplar |
| 1330218 | HES | 8 | 568180 | 7025314 | Chocolate Brown | Silt | Damp | Subtle Slope | 20 | B | Poplar |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1330177 | Thin Moss Cover | Good | Clay | Bright Orange Rust | |
| 1330178 | Thin Moss Cover | Good | Sandy | Rusty Rock Chip | |
| 1330179 | Bare Soil | Good | Coarse | Rusty Rock Chip | |
| 1330180 | Thin Moss Cover | Good | Rusty Rock Chip | Outcrop Nearby | |
| 1330181 | Thin Moss Cover | Excellent | | | |
| 1330182 | Thin Moss Cover | Good | Rusty Rock Chip | Rocky Sample | |
| 1330183 | Reindeer Moss | Excellent | Sandy | Dull Red Rust | outcrop nearby |
| 1330184 | Thin Moss Cover | Excellent | Coarse | Rusty Rock Chip | |
| 1330185 | Reindeer Moss | Good | Organic 10% | Outcrop Nearby | quartz vein nearby |
| 1330186 | Thin Moss Cover | Excellent | Dull Red Rust | Outcrop Nearby | |
| 1330187 | Reindeer Moss | Excellent | Coarse | Outcrop Nearby | quartz nearby |
| 1330188 | Bare Soil | Good | Quartz Chips | Rusty Rock Chip | |
| 1330189 | Bare Soil | Good | Coarse | Rusty Rock Chip | quartz chips |
| 1330190 | Reindeer Moss | Excellent | Sandy | Rusty Rock Chip | moved to rock outcrop, quartz chips |
| 1330191 | Bare Soil | Excellent | Coarse | | inbetween outcrops |
| 1330192 | Reindeer Moss | Good | Coarse | | |
| 1330193 | Reindeer Moss | Good | Coarse | Rusty Rock Chip | moved inbetween outcrops |
| 1330194 | Sphagnum Moss < 30cm | Good | Coarse | Rusty Rock Chip | |
| 1330195 | Reindeer Moss | Excellent | Rusty Rock Chip | | moved to outcrop |
| 1330196 | Bare Soil | Good | Coarse | Rusty Rock Chip | |
| 1330197 | Thin Moss Cover | Excellent | Coarse | | nearby quartz vein |
| 1330198 | Bare Soil | Good | Outcrop Nearby | | |
| 1330199 | Thin Moss Cover | Good | Rusty Rock Chip | Outcrop Nearby | |
| 1330200 | Thin Moss Cover | Good | Coarse | Outcrop Nearby | quartz vein nearby |
| 1330202 | Reindeer Moss | Good | Bright Orange Rust | | inbetween outcrops |
| 1330203 | Needle Cover | Good | Outcrop Nearby | | |
| 1330204 | Thin Moss Cover | Excellent | Quartz Chips | Bright Orange Rust | inbetween outcrops |
| 1330205 | Bare Soil | Good | Outcrop Nearby | | quartz vein nearby |
| 1330206 | Thin Moss Cover | Good | Outcrop Nearby | | quartz nearby |
| 1330207 | Thin Moss Cover | Good | Rusty Rock Chip | Outcrop Nearby | |
| 1330208 | Reindeer Moss | Good | Outcrop Nearby | | |
| 1330209 | Reindeer Moss | Excellent | Rusty Rock Chip | Outcrop Nearby | |
| 1330210 | Reindeer Moss | Excellent | Outcrop Nearby | Rusty Rock Chip | |
| 1330211 | Bare Soil | Excellent | Bright Orange Rust | Outcrop Nearby | |
| 1330212 | Bare Soil | Good | Outcrop Nearby | Rusty Rock Chip | |
| 1330213 | Bare Soil | Excellent | Rusty Rock Chip | | |
| 1330214 | Needle Cover | Good | Outcrop Nearby | | |
| 1330215 | Thin Moss Cover | Good | Coarse | Quartz Chips | |
| 1330216 | Thin Moss Cover | Good | Rusty Rock Chip | | |
| 1330217 | Needle Cover | Good | Outcrop Nearby | | |
| 1330218 | Leaf Cover | Good | Quartz Chips | Clay | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1330177 | | 1330177 | -1 | 4878 | 1713 | 295 | 649 | 98 | 9129 | 137 | 4485 | 75 | 1645 | 43 |
| 1330178 | | 1330178 | -1 | 4132 | 1598 | 261 | -1 | 238 | 6836 | 114 | 2632 | 57 | 2156 | 42 |
| 1330179 | | 1330179 | -1 | 3256 | 1068 | 199 | -1 | 178 | 5288 | 83 | 2345 | 45 | 1212 | 30 |
| 1330180 | | 1330180 | -1 | 3443 | 667 | 201 | -1 | 200 | 2864 | 68 | 2288 | 47 | 1858 | 37 |
| 1330181 | | 1330181 | -1 | 3790 | 2100 | 243 | -1 | 184 | 3386 | 72 | 3138 | 53 | 1165 | 32 |
| 1330182 | | 1330182 | -1 | 3501 | 1180 | 210 | -1 | 190 | 4603 | 79 | 4188 | 59 | 1440 | 32 |
| 1330183 | | 1330183 | -1 | 4033 | 1441 | 266 | -1 | 251 | 3137 | 82 | 2330 | 54 | 2143 | 46 |
| 1330184 | | 1330184 | -1 | 4464 | 994 | 255 | -1 | 291 | 3195 | 81 | 5774 | 79 | 12817 | 113 |
| 1330185 | | 1330185 | -1 | 3737 | 2035 | 235 | -1 | 187 | 4381 | 79 | 3432 | 55 | 1263 | 32 |
| 1330186 | | 1330186 | -1 | 4357 | 1355 | 270 | -1 | 239 | 3012 | 83 | 3188 | 62 | 1283 | 41 |
| 1330187 | | 1330187 | -1 | 3881 | 1533 | 242 | -1 | 204 | 3402 | 78 | 2329 | 50 | 994 | 32 |
| 1330188 | | 1330188 | -1 | 3176 | 1114 | 201 | -1 | 180 | 2453 | 60 | 2551 | 47 | 1683 | 34 |
| 1330189 | | 1330189 | -1 | 3399 | 673 | 195 | -1 | 192 | 1908 | 59 | 2325 | 47 | 2168 | 38 |
| 1330190 | | 1330190 | -1 | 3497 | 1401 | 227 | -1 | 196 | 1577 | 57 | 770 | 34 | 2061 | 39 |
| 1330191 | | 1330191 | -1 | 3270 | 1332 | 216 | 546 | 80 | 2439 | 62 | 1269 | 38 | 6616 | 67 |
| 1330192 | | 1330192 | -1 | 3072 | 1059 | 194 | -1 | 174 | 3614 | 69 | 333 | 28 | 1452 | 32 |
| 1330193 | | 1330193 | -1 | 3605 | 2047 | 238 | -1 | 207 | 3811 | 76 | 4345 | 61 | 5490 | 60 |
| 1330194 | | 1330194 | -1 | 5095 | 2703 | 321 | 651 | 98 | 11047 | 149 | 4495 | 74 | 2183 | 48 |
| 1330195 | | 1330195 | -1 | 2968 | 1109 | 181 | -1 | 174 | 3634 | 65 | 2182 | 41 | 4949 | 51 |
| 1330196 | | 1330196 | -1 | 4576 | 1314 | 278 | 438 | 93 | 4600 | 101 | 3819 | 69 | 1670 | 42 |
| 1330197 | | 1330197 | -1 | 3656 | 882 | 211 | -1 | 199 | 2424 | 63 | 1417 | 40 | 2454 | 42 |
| 1330198 | | 1330198 | -1 | 3455 | 1034 | 213 | 434 | 72 | 2384 | 62 | 1220 | 37 | 1719 | 37 |
| 1330199 | | 1330199 | -1 | 3397 | 1810 | 227 | -1 | 193 | 2239 | 59 | 738 | 32 | 2783 | 43 |
| 1330200 | | 1330200 | -1 | 2734 | 1384 | 190 | -1 | 170 | 839 | 39 | 756 | 29 | 2364 | 37 |
| 1330202 | | 1330202 | -1 | 3334 | 1342 | 214 | -1 | 189 | 1900 | 56 | 1454 | 39 | 1820 | 37 |
| 1330203 | | 1330203 | -1 | 3744 | 1518 | 236 | -1 | 202 | 4396 | 84 | 2114 | 47 | 1575 | 37 |
| 1330204 | | 1330204 | -1 | 3659 | 1387 | 217 | -1 | 243 | 3120 | 65 | 4300 | 58 | 14320 | 105 |
| 1330205 | | 1330205 | -1 | 3326 | 1546 | 214 | 419 | 67 | 1830 | 53 | 1891 | 41 | 1861 | 35 |
| 1330206 | | 1330206 | -1 | 2775 | 945 | 173 | 283 | 56 | 2503 | 55 | 1214 | 33 | 1393 | 29 |
| 1330207 | | | | | | | | | | | | | | |
| 1330208 | | 1330208 | -1 | 3675 | 1361 | 243 | -1 | 220 | 1747 | 64 | 926 | 38 | 1730 | 40 |
| 1330209 | | 1330209 | -1 | 3771 | 1504 | 230 | -1 | 264 | 2614 | 63 | 5759 | 68 | 16678 | 119 |
| 1330210 | | 1330210 | -1 | 3388 | 1102 | 201 | -1 | 177 | 2940 | 65 | 1878 | 42 | 1213 | 31 |
| 1330211 | | 1330211 | -1 | 3846 | 1235 | 227 | 504 | 76 | 9085 | 117 | 2410 | 50 | 1717 | 37 |
| 1330212 | | 1330212 | -1 | 3851 | 2114 | 248 | 3570 | 119 | 5834 | 91 | 3008 | 52 | 1424 | 34 |
| 1330213 | | 1330213 | -1 | 4036 | 962 | 233 | 471 | 81 | 8630 | 117 | 2852 | 55 | 2360 | 45 |
| 1330214 | | 1330214 | -1 | 2999 | 1183 | 181 | 209 | 54 | 3351 | 62 | 797 | 30 | 939 | 27 |
| 1330215 | | 1330215 | -1 | 3738 | 1609 | 232 | -1 | 198 | 3133 | 71 | 4266 | 62 | 998 | 30 |
| 1330216 | | 1330216 | -1 | 3977 | 2271 | 250 | 683 | 76 | 3263 | 69 | 7272 | 79 | 1117 | 33 |
| 1330217 | | 1330217 | -1 | 4053 | 2616 | 274 | 1208 | 91 | 2527 | 67 | 5539 | 72 | 872 | 31 |
| 1330218 | | 1330218 | -1 | 3222 | 1289 | 200 | -1 | 174 | 3888 | 70 | 2774 | 47 | 1136 | 29 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1330177 | 35 | 4 | 162 | 5 | 20905 | 117 | 329 | 25 | -1 | 15 | 20 | 2 | 46 | 2 | **5.6** |
| 1330178 | 30 | 3 | 115 | 4 | 13206 | 83 | 233 | 21 | -1 | 14 | 15 | 2 | 42 | 2 | **4.3** |
| 1330179 | 25 | 3 | 127 | 4 | 19352 | 112 | 443 | 25 | -1 | 16 | 28 | 3 | 63 | 2 | **6.5** |
| 1330180 | 26 | 3 | 88 | 3 | 15144 | 86 | 441 | 21 | -1 | 14 | 22 | 2 | 47 | 2 | **23.6** |
| 1330181 | 31 | 3 | 123 | 4 | 18932 | 111 | 349 | 25 | -1 | 16 | 19 | 2 | 69 | 2 | **114** |
| 1330182 | 19 | 3 | 889 | 9 | 15005 | 90 | 251 | 21 | -1 | 14 | 10 | 2 | 65 | 2 | **7.3** |
| 1330183 | 38 | 4 | 127 | 4 | 16042 | 93 | 326 | 22 | -1 | 14 | 21 | 2 | 30.2 | 2 | **11.6** |
| 1330184 | -1 | 10 | 126 | 4 | 8252 | 56 | 190 | 16 | -1 | 13 | -1 | 6 | 41 | 2 | **3.8** |
| 1330185 | 26 | 3 | 114 | 4 | 14967 | 91 | 294 | 22 | -1 | 14 | 9 | 2 | 49 | 2 | **6.8** |
| 1330186 | 38 | 4 | 182 | 5 | 13729 | 82 | 239 | 20 | -1 | 14 | 19 | 2 | 48 | 2 | **11** |
| 1330187 | 33 | 3 | 117 | 4 | 14513 | 83 | 330 | 20 | -1 | 14 | 16 | 2 | 71 | 2 | **9.9** |
| 1330188 | 27 | 3 | 131 | 4 | 14455 | 89 | 435 | 22 | -1 | 15 | 27 | 3 | 102 | 3 | **9.2** |
| 1330189 | 22 | 3 | 81 | 3 | 8841 | 56 | 203 | 16 | -1 | 12 | 14 | 2 | 34.4 | 2 | **4.6** |
| 1330190 | 26 | 3 | 67 | 3 | 13163 | 75 | 300 | 19 | -1 | 13 | 9 | 2 | 29.8 | 2 | **8.2** |
| 1330191 | 14 | 3 | 66 | 3 | 11352 | 73 | 278 | 19 | -1 | 14 | 24 | 2 | 38.6 | 2 | **14.2** |
| 1330192 | 27 | 3 | 89 | 3 | 14898 | 90 | 288 | 22 | -1 | 14 | 13 | 2 | 114 | 3 | **10.9** |
| 1330193 | 9 | 3 | 347 | 5 | 8147 | 52 | 148 | 15 | -1 | 12 | 8 | 2 | 55 | 2 | **-1** |
| 1330194 | 51 | 4 | 161 | 5 | 23596 | 127 | 270 | 26 | -1 | 15 | 18 | 2 | 54 | 2 | **7.9** |
| 1330195 | -1 | 7 | 143 | 3 | 9955 | 65 | 296 | 18 | -1 | 14 | 18 | 2 | 49 | 2 | **5.1** |
| 1330196 | 23 | 4 | 138 | 5 | 18487 | 110 | 261 | 24 | -1 | 15 | 20 | 3 | 41 | 2 | **21.4** |
| 1330197 | 32 | 3 | 89 | 4 | 20925 | 119 | 447 | 26 | -1 | 15 | 22 | 2 | 50 | 2 | **16.7** |
| 1330198 | 24 | 3 | 87 | 3 | 20290 | 117 | 576 | 26 | -1 | 15 | 13 | 2 | 45 | 2 | **11.4** |
| 1330199 | 30 | 3 | 82 | 3 | 17162 | 102 | 335 | 23 | -1 | 15 | 14 | 2 | 45 | 2 | **23.1** |
| 1330200 | 23 | 3 | 73 | 3 | 9441 | 63 | 225 | 17 | -1 | 13 | 11 | 2 | 28.6 | 2 | **6.3** |
| 1330202 | 31 | 3 | 107 | 4 | 16045 | 96 | 395 | 23 | -1 | 15 | 31 | 3 | 51 | 2 | **31.8** |
| 1330203 | 37 | 3 | 121 | 4 | 16101 | 96 | 257 | 22 | -1 | 15 | 21 | 2 | 41 | 2 | **8.9** |
| 1330204 | -1 | 8 | 91 | 3 | 8406 | 58 | 246 | 17 | -1 | 13 | 21 | 2 | 48 | 2 | **4.9** |
| 1330205 | 26 | 3 | 64 | 3 | 15001 | 91 | 357 | 22 | -1 | 15 | 24 | 2 | 35 | 2 | **16** |
| 1330206 | 26 | 3 | 87 | 3 | 11956 | 76 | 370 | 20 | -1 | 14 | 18 | 2 | 107 | 3 | **9.2** |
| 1330207 | | | | | | | | | | | | | | | |
| 1330208 | 25 | 3 | 99 | 4 | 10364 | 65 | 211 | 17 | -1 | 12 | 7 | 2 | 28.4 | 2 | **6.1** |
| 1330209 | -1 | 8 | 70 | 3 | 8701 | 55 | 241 | 15 | -1 | 12 | 10 | 2 | 57 | 2 | **10.4** |
| 1330210 | 30 | 3 | 159 | 4 | 13113 | 81 | 263 | 20 | -1 | 14 | 22 | 2 | 74 | 2 | **8.8** |
| 1330211 | 39 | 3 | 253 | 5 | 18050 | 108 | 288 | 24 | -1 | 15 | 18 | 2 | 59 | 2 | **13.9** |
| 1330212 | 23 | 3 | 257 | 5 | 17071 | 102 | 342 | 24 | -1 | 15 | 25 | 3 | 72 | 2 | **86** |
| 1330213 | 44 | 4 | 226 | 5 | 20156 | 119 | 257 | 25 | -1 | 16 | 17 | 2 | 57 | 2 | **35.9** |
| 1330214 | 22 | 3 | 201 | 4 | 13618 | 85 | 307 | 21 | -1 | 15 | 29 | 3 | 52 | 2 | **8.4** |
| 1330215 | 21 | 3 | 258 | 5 | 15681 | 87 | 334 | 21 | -1 | 13 | 12 | 2 | 45.3 | 2 | **16.6** |
| 1330216 | 34 | 3 | 320 | 5 | 19119 | 112 | 359 | 25 | -1 | 16 | 31 | 3 | 75 | 3 | **18.2** |
| 1330217 | 31 | 3 | 282 | 5 | 21726 | 118 | 503 | 25 | -1 | 15 | 29 | 3 | 50 | 2 | **17.7** |
| 1330218 | 25 | 3 | 201 | 4 | 14769 | 89 | 203 | 21 | -1 | 14 | 9 | 2 | 38.3 | 2 | **8.3** |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1330177 | 1.2 | -1 | 1.7 | 86.5 | 1.3 | 81 | 8 | 193 | 18 | -1 | 21 | -1 | 8 | -1 | 11 | -1 |
| 1330178 | 1.2 | -1 | 1.7 | 63.1 | 1.2 | 65 | 7 | 150 | 16 | -1 | 22 | -1 | 9 | -1 | 12 | -1 |
| 1330179 | 1.3 | -1 | 1.8 | 100.6 | 1.4 | 80 | 6 | 197 | 15 | -1 | 17 | -1 | 6 | -1 | 8 | -1 |
| 1330180 | 1.3 | -1 | 1.6 | 96.6 | 1.3 | 77 | 7 | 215 | 18 | -1 | -20.6 | -1 | 7 | -1 | 10 | -1 |
| 1330181 | 2 | -1 | 1.9 | 61.5 | 1.1 | 68 | 6 | 238 | 18 | -1 | 19 | -1 | 7 | -1 | 9 | -1 |
| 1330182 | 1.1 | -1 | 1.7 | 54.9 | 1.1 | 78 | 6 | 166 | 12 | -1 | -16.9 | -1 | 6 | -1 | 9 | -1 |
| 1330183 | 1.2 | -1 | 1.7 | 61.6 | 1.1 | 73 | 7 | 208 | 19 | -1 | 22 | -1 | 9 | -1 | 11 | -1 |
| 1330184 | 1.1 | -1 | 1.6 | 47.3 | 1 | 67 | 7 | 161 | 15 | -1 | -21.2 | -1 | 8 | -1 | 12 | -1 |
| 1330185 | 1.3 | -1 | 1.7 | 133.5 | 1.6 | 88 | 7 | 269 | 21 | -1 | 20 | -1 | 7 | -1 | 9 | -1 |
| 1330186 | 1.2 | -1 | 1.6 | 50.5 | 1 | 98 | 9 | 214 | 19 | -1 | 21 | -1 | 8 | -1 | 11 | -1 |
| 1330187 | 1.2 | -1 | 1.7 | 119.9 | 1.4 | 101 | 10 | 222 | 21 | -1 | 23 | -1 | 9 | -1 | 13 | -1 |
| 1330188 | 1.3 | -1 | 1.7 | 83.8 | 1.3 | 64 | 5 | 156 | 12 | -1 | -16.4 | -1 | 6 | -1 | 9 | -1 |
| 1330189 | 1 | -1 | 1.5 | 48.8 | 0.9 | 65 | 6 | 206 | 19 | -1 | 22 | -1 | 9 | -1 | 12 | -1 |
| 1330190 | 1.1 | -1 | 1.6 | 57.4 | 1 | 49 | 4 | 152 | 12 | -1 | -17.6 | -1 | 7 | -1 | 9 | -1 |
| 1330191 | 1.3 | -1 | 1.7 | 55.6 | 1.1 | 64 | 6 | 236 | 20 | -1 | -21.6 | -1 | 8 | -1 | 11 | -1 |
| 1330192 | 1.2 | -1 | 1.6 | 63.3 | 1.1 | 72 | 6 | 252 | 18 | -1 | 19 | -1 | 6 | -1 | 9 | -1 |
| 1330193 | 3 | -1 | 1.4 | 34.6 | 0.8 | 156 | 15 | 263 | 25 | -1 | 24 | -1 | 8 | -1 | 12 | -1 |
| 1330194 | 1.2 | -1 | 1.7 | 123.1 | 1.5 | 107 | 10 | 193 | 17 | -1 | -21.6 | -1 | 8 | -1 | 11 | -1 |
| 1330195 | 1.2 | -1 | 1.6 | 77.5 | 1.2 | 75 | 6 | 181 | 13 | -1 | 16 | -1 | 6 | -1 | 8 | -1 |
| 1330196 | 1.4 | -1 | 1.8 | 70.4 | 1.2 | 56 | 6 | 146 | 14 | -1 | 20 | -1 | 7 | -1 | 11 | -1 |
| 1330197 | 1.4 | -1 | 1.7 | 65.2 | 1.2 | 61 | 5 | 203 | 16 | -1 | 19 | -1 | 7 | -1 | 10 | -1 |
| 1330198 | 1.3 | -1 | 1.7 | 58.5 | 1.1 | 84 | 7 | 217 | 16 | -1 | -18.7 | -1 | 6 | -1 | 9 | -1 |
| 1330199 | 1.4 | -1 | 1.7 | 68.6 | 1.2 | 67 | 6 | 252 | 20 | -1 | -20.3 | -1 | 7 | -1 | 10 | -1 |
| 1330200 | 1.2 | -1 | 1.6 | 59.7 | 1.1 | 97 | 8 | 408 | 32 | -1 | -25.2 | -1 | 7 | -1 | 10 | -1 |
| 1330202 | 1.5 | -1 | 1.8 | 63.6 | 1.1 | 76 | 6 | 194 | 15 | -1 | 18 | -1 | 6 | -1 | 9 | -1 |
| 1330203 | 1.2 | -1 | 1.7 | 54.1 | 1.1 | 90 | 8 | 279 | 24 | -1 | -23.2 | -1 | 8 | -1 | 11 | -1 |
| 1330204 | 1.2 | -1 | 1.6 | 59.2 | 1.1 | 54 | 5 | 150 | 12 | -1 | -17.1 | -1 | 7 | -1 | 10 | -1 |
| 1330205 | 1.3 | -1 | 1.7 | 55.6 | 1.1 | 62 | 5 | 268 | 22 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1330206 | 1.2 | -1 | 1.7 | 50.7 | 1 | 70 | 5 | 194 | 13 | -1 | -16.1 | -1 | 6 | -1 | 8 | -1 |
| 1330207 | | | | | | | | | | | | | | | | |
| 1330208 | 1.1 | -1 | 1.6 | 45.4 | 1 | 76 | 7 | 239 | 22 | -1 | 23 | -1 | 8 | -1 | 11 | -1 |
| 1330209 | 1.1 | -1 | 1.6 | 64.8 | 1 | 70 | 6 | 168 | 14 | -1 | 19 | -1 | 7 | -1 | 10 | -1 |
| 1330210 | 1.2 | -1 | 1.7 | 60.7 | 1.1 | 79 | 7 | 235 | 18 | -1 | -19.6 | -1 | 7 | -1 | 9 | -1 |
| 1330211 | 1.3 | -1 | 1.8 | 133.9 | 1.7 | 97 | 8 | 359 | 29 | -1 | 24 | -1 | 7 | -1 | 10 | -1 |
| 1330212 | 2 | -1 | 1.8 | 65.1 | 1.2 | 91 | 8 | 366 | 28 | -1 | 23 | -1 | 7 | -1 | 9 | -1 |
| 1330213 | 1.5 | -1 | 1.7 | 107.8 | 1.5 | 87 | 7 | 257 | 19 | -1 | 19 | -1 | 6 | -1 | 9 | -1 |
| 1330214 | 1.2 | -1 | 1.7 | 58 | 1.1 | 73 | 5 | 334 | 22 | 20 | 6 | -1 | 6 | -1 | 8 | -1 |
| 1330215 | 1.3 | -1 | 1.6 | 72 | 1.1 | 78 | 7 | 250 | 22 | -1 | 22 | -1 | 7 | -1 | 11 | -1 |
| 1330216 | 1.4 | -1 | 1.8 | 70.4 | 1.2 | 115 | 9 | 286 | 22 | -1 | 21 | -1 | 7 | -1 | 9 | -1 |
| 1330217 | 1.3 | -1 | 1.7 | 82.3 | 1.2 | 100 | 9 | 401 | 36 | 29 | 9 | -1 | 8 | -1 | 10 | -1 |
| 1330218 | 1.1 | -1 | 1.7 | 61.7 | 1.1 | 73 | 7 | 283 | 24 | -1 | 22 | -1 | 8 | -1 | 11 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1330177 | 15 | -1 | 20 | 320 | 16 | -1 | 14 | -1 | 3.6 | 20.3 | 1.6 | Soil | PASS | 90.92 |
| 1330178 | 17 | -1 | 23 | 212 | 14 | -1 | 14 | -1 | 3.8 | 19.2 | 1.6 | Soil | PASS | 91.25 |
| 1330179 | 11 | -1 | 15 | 230 | 12 | -1 | 15 | -1 | 3.9 | 26.1 | 1.7 | Soil | PASS | 88.15 |
| 1330180 | 15 | -1 | 19 | 212 | 13 | -1 | 14 | -1 | 3.6 | 23.1 | 1.5 | Soil | PASS | 90.48 |
| 1330181 | 12 | -1 | 17 | 240 | 13 | -1 | 19 | -1 | 3.9 | 19.3 | 1.6 | Soil | PASS | 88.12 |
| 1330182 | 12 | -1 | 16 | 228 | 12 | -1 | 14 | -1 | 3.6 | 14.6 | 1.5 | Soil | PASS | 88.17 |
| 1330183 | 16 | -1 | 22 | 334 | 17 | -1 | 14 | -1 | 3.7 | 21.1 | 1.5 | Soil | PASS | 90.74 |
| 1330184 | 16 | -1 | 21 | 734 | 28 | -1 | 14 | -1 | 3.4 | 15.8 | 1.4 | Soil | PASS | 90.99 |
| 1330185 | 13 | -1 | 17 | 223 | 12 | -1 | 14 | -1 | 3.8 | 23.9 | 1.6 | Soil | PASS | 88.18 |
| 1330186 | 15 | -1 | 20 | 386 | 16 | -1 | 14 | -1 | 3.6 | 14.7 | 1.4 | Soil | PASS | 90.92 |
| 1330187 | 17 | -1 | 22 | 252 | 13 | -1 | 13 | -1 | 3.7 | 20.5 | 1.5 | Soil | PASS | 90.74 |
| 1330188 | 12 | -1 | 16 | 231 | 12 | -1 | 14 | -1 | 3.7 | 22.8 | 1.6 | Soil | PASS | 88.15 |
| 1330189 | 17 | -1 | 22 | 207 | 13 | -1 | 12 | -1 | 3.5 | 17.3 | 1.4 | Soil | PASS | 90.52 |
| 1330190 | 13 | -1 | 17 | 184 | 13 | -1 | 13 | -1 | 3.2 | 13.8 | 1.3 | Soil | PASS | 90.56 |
| 1330191 | 15 | -1 | 20 | 552 | 20 | -1 | 15 | -1 | 3.7 | 23.3 | 1.6 | Soil | PASS | 88.45 |
| 1330192 | 12 | -1 | 16 | 251 | 12 | -1 | 13 | -1 | 4 | 17.7 | 1.5 | Soil | PASS | 88.11 |
| 1330193 | 17 | -1 | 22 | 449 | 18 | -1 | 12 | -1 | 3.4 | 19.8 | 1.4 | Soil | PASS | 90.65 |
| 1330194 | 16 | -1 | 20 | 396 | 18 | -1 | 14 | -1 | 3.7 | 19.3 | 1.5 | Soil | PASS | 90.68 |
| 1330195 | 11 | -1 | 15 | 460 | 16 | -1 | 14 | -1 | 3.5 | 24 | 1.6 | Soil | PASS | 88.08 |
| 1330196 | 15 | -1 | 19 | 232 | 15 | -1 | 15 | -1 | 4 | 23.2 | 1.7 | Soil | PASS | 91.23 |
| 1330197 | 13 | -1 | 17 | 239 | 14 | -1 | 14 | -1 | 3.7 | 25.2 | 1.6 | Soil | PASS | 88.13 |
| 1330198 | 12 | -1 | 16 | 245 | 13 | -1 | 14 | -1 | 3.9 | 20.4 | 1.6 | Soil | PASS | 88.16 |
| 1330199 | 13 | -1 | 17 | 289 | 14 | -1 | 15 | -1 | 3.8 | 17.4 | 1.5 | Soil | PASS | 88.28 |
| 1330200 | 14 | -1 | 19 | 260 | 12 | -1 | 14 | -1 | 3.6 | 20.1 | 1.5 | Soil | PASS | 88.13 |
| 1330202 | 12 | -1 | 17 | 268 | 13 | -1 | 16 | -1 | 3.8 | 22.7 | 1.6 | Soil | PASS | 88.22 |
| 1330203 | 16 | -1 | 20 | 313 | 14 | -1 | 15 | -1 | 3.8 | 19.2 | 1.5 | Soil | PASS | 88.38 |
| 1330204 | 13 | -1 | 18 | 984 | 26 | -1 | 14 | -1 | 3.6 | 23 | 1.5 | Soil | PASS | 88.35 |
| 1330205 | 14 | -1 | 18 | 209 | 12 | -1 | 15 | -1 | 3.6 | 18.9 | 1.5 | Soil | PASS | 88.29 |
| 1330206 | 11 | -1 | 14 | 214 | 11 | -1 | 14 | -1 | 3.6 | 21.9 | 1.5 | Soil | PASS | 88.07 |
| 1330207 | | | | | | | | | | | | | | |
| 1330208 | 16 | -1 | 21 | 278 | 14 | -1 | 13 | -1 | 3.6 | 16.5 | 1.4 | Soil | PASS | 90.96 |
| 1330209 | 14 | -1 | 18 | 991 | 27 | -1 | 13 | -1 | 3.2 | 17.2 | 1.4 | Soil | PASS | 90.42 |
| 1330210 | 13 | -1 | 17 | 282 | 12 | -1 | 14 | -1 | 3.9 | 20.3 | 1.5 | Soil | PASS | 88.43 |
| 1330211 | 14 | -1 | 18 | 317 | 14 | -1 | 15 | -1 | 4 | 16.6 | 1.6 | Soil | PASS | 88.21 |
| 1330212 | 13 | -1 | 17 | 309 | 13 | -1 | 18 | -1 | 3.9 | 21.7 | 1.6 | Soil | PASS | 88.12 |
| 1330213 | 12 | -1 | 15 | 430 | 16 | -1 | 15 | -1 | 4 | 14.6 | 1.5 | Soil | PASS | 88.17 |
| 1330214 | 11 | -1 | 14 | 244 | 11 | -1 | 14 | -1 | 3.9 | 19.3 | 1.5 | Soil | PASS | 88 |
| 1330215 | 15 | -1 | 20 | 181 | 11 | -1 | 14 | -1 | 3.5 | 27.1 | 1.5 | Soil | PASS | 90.32 |
| 1330216 | 13 | -1 | 17 | 379 | 14 | -1 | 15 | -1 | 4.2 | 21 | 1.6 | Soil | PASS | 88.24 |
| 1330217 | 15 | -1 | 20 | 253 | 13 | -1 | 14 | -1 | 3.7 | 19.7 | 1.5 | Soil | PASS | 90.58 |
| 1330218 | 15 | -1 | 20 | 250 | 11 | -1 | 14 | -1 | 3.7 | 12.7 | 1.4 | Soil | PASS | 88.31 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1330219 | HES | 8 | 568161 | 7025328 | Light Bluish Grey | Silt | Dry | Subtle Slope | 50 | C | Poplar |
| 1330220 | HES | 8 | 568140 | 7025339 | Chocolate Brown | Clay | Damp | Subtle Slope | 30 | B | Poplar |
| 1330221 | HES | 8 | 568118 | 7025346 | Chocolate Brown | Clay | Damp | Subtle Slope | 20 | B | Black Spruce |
| 1330222 | HES | 8 | 568098 | 7025359 | Chocolate Brown | Silt | Damp | Subtle Slope | 70 | C | Black Spruce |
| 1330223 | HES | 8 | 568080 | 7025370 | Light Bluish Grey | Silt | Damp | Subtle Slope | 50 | C | Black Spruce |
| 1330224 | HES | 8 | 568110 | 7025381 | Chocolate Brown | Silt | Damp | Subtle Slope | 60 | C | Black Spruce |
| 1330225 | HES | 8 | 568112 | 7025378 | Chocolate Brown | Clay | Damp | Subtle Slope | 60 | B | Black Spruce |
| 1330226 | HES | 8 | 568130 | 7025367 | Reddish Yellow | Clay | Wet | Pronounced Slope | 40 | B | Poplar |
| 1330227 | HES | 8 | 568148 | 7025357 | Chocolate Brown | Silt | Damp | Pronounced Slope | 40 | C | Poplar |
| 1330228 | HES | 8 | 568167 | 7025353 | Chocolate Brown | Silt | Damp | Flat | 30 | B | Poplar |
| 1330229 | HES | 8 | 568192 | 7025348 | Chocolate Brown | Clay | Damp | Subtle Slope | 60 | B | Poplar |
| 1330230 | HES | 8 | 568208 | 7025333 | Chocolate Brown | Clay | Damp | Subtle Slope | 40 | B | Poplar |
| 1330231 | HES | 8 | 568225 | 7025321 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Pine |
| 1330232 | HES | 8 | 568245 | 7025306 | Chocolate Brown | Clay | Damp | Subtle Slope | 20 | B | Pine |
| 1330233 | HES | 8 | 568260 | 7025289 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Pine |
| 1330234 | HES | 8 | 568279 | 7025278 | Chocolate Brown | Clay | Wet | Subtle Slope | 20 | B | Poplar |
| 1330235 | HES | 8 | 568298 | 7025268 | Chocolate Brown | Clay | Wet | Subtle Slope | 50 | C | Black Spruce |
| 1330236 | HES | 8 | 568313 | 7025251 | Bluish Grey | Clay | Damp | Subtle Slope | 30 | C | Poplar |
| 1330237 | HES | 8 | 568333 | 7025243 | Dark Blue Black | Clay | Damp | Subtle Slope | 20 | B | Poplar |
| 1330238 | HES | 8 | 568353 | 7025235 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | C | Poplar |
| 1330239 | HES | 8 | 568358 | 7025214 | Reddish Yellow | Sand | Dry | Steep | 40 | C | Poplar |
| 1330240 | HES | 8 | 568377 | 7025202 | Chocolate Brown | Silt | Damp | Subtle Slope | 60 | B | Poplar |
| 1330241 | HES | 8 | 568398 | 7025195 | Chocolate Brown | Clay | Damp | Subtle Slope | 70 | B | Poplar |
| 1330242 | HES | 8 | 568417 | 7025185 | Bluish Grey | Sand | Damp | Flat | 30 | B | Poplar |
| 1330243 | HES | 8 | 568424 | 7025165 | Dark Grey Black | Silt | Damp | Subtle Slope | 80 | C | Black Spruce |
| 1330244 | HES | 8 | 568441 | 7025145 | Chocolate Brown | Clay | Damp | Flat | 40 | B | Poplar |
| 1330245 | HES | 8 | 568451 | 7025123 | Chocolate Brown | Sand | Damp | Subtle Slope | 30 | C | Poplar |
| 1330246 | HES | 8 | 568466 | 7025108 | Chocolate Brown | Sand | Damp | Subtle Slope | 20 | C | Black Spruce |
| 1330247 | HES | 8 | 568478 | 7025093 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Poplar |
| 1330248 | HES | 8 | 568493 | 7025078 | Chocolate Brown | Sand | Damp | Subtle Slope | 30 | C | Poplar |
| 1330249 | HES | 8 | 568503 | 7025062 | Chocolate Brown | Clay | Damp | Subtle Slope | 60 | B | Poplar |
| 1330250 | HES | 8 | 568521 | 7025050 | Chocolate Brown | Sand | Damp | Pronounced Slope | 20 | C | Poplar |
| 1332726 | HES | 8 | 568723 | 7025735 | Chocolate Brown | Sand | Dry | Flat | 40 | C | Poplar |
| 1332727 | HES | 8 | 568735 | 7025721 | Chocolate Brown | Sand | Dry | Flat | 20 | C | Poplar |
| 1332728 | HES | 8 | 568747 | 7025705 | Chocolate Brown | Sand | Dry | Flat | 30 | C | Willows |
| 1332729 | HES | 8 | 568755 | 7025688 | Dark Brown | Sand | Dry | Flat | 30 | C | Poplar |
| 1332730 | HES | 8 | 568746 | 7025670 | Chocolate Brown | Sand | Dry | Flat | 50 | C | Poplar |
| 1332731 | HES | 8 | 568998 | 7025543 | Dark Brown | Sand | Dry | Flat | 20 | C | Poplar |
| 1332732 | HES | 8 | 568978 | 7025551 | Dark Brown | Clay | Damp | Flat | 70 | B | Subalpine Fir |
| 1332733 | HES | 8 | 568959 | 7025546 | Dark Brown | Sand | Dry | Subtle Slope | 70 | B | Poplar |
| 1332734 | HES | 8 | 568950 | 7025564 | Dark Brown | Silt | Dry | Flat | 30 | B | Alders |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1330219 | Thin Moss Cover | Excellent | Rusty Rock Chip | Rocky Sample | |
| 1330220 | Thin Moss Cover | Good | Rusty Rock Chip | Quartz Chips | |
| 1330221 | Thin Moss Cover | Good | Rusty Rock Chip | | quartz nearby |
| 1330222 | Bare Soil | Excellent | Coarse | Rusty Rock Chip | |
| 1330223 | Bare Soil | Excellent | Rusty Rock Chip | | |
| 1330224 | Thin Moss Cover | Excellent | Coarse | Rusty Rock Chip | |
| 1330225 | Thin Moss Cover | Good | | Rusty Rock Chip | |
| 1330226 | Bare Soil | Good | Mud | | |
| 1330227 | Thin Moss Cover | Excellent | Coarse | Rusty Rock Chip | |
| 1330228 | Reindeer Moss | Good | Coarse | | nearby quartz vein |
| 1330229 | Thin Moss Cover | Good | Quartz Chips | | |
| 1330230 | Thin Moss Cover | Good | Coarse | | quartz vein nearby |
| 1330231 | Needle Cover | Good | Coarse | | |
| 1330232 | Needle Cover | Good | Rusty Rock Chip | | |
| 1330233 | Thin Moss Cover | Good | Outcrop Nearby | | |
| 1330234 | Thin Moss Cover | Good | Mud | | |
| 1330235 | Thin Moss Cover | Excellent | Rocky Sample | | |
| 1330236 | Thin Moss Cover | Excellent | Rusty Rock Chip | Rocky Sample | |
| 1330237 | Thin Moss Cover | Good | Rusty Rock Chip | | |
| 1330238 | Thin Moss Cover | Excellent | Coarse | Rusty Rock Chip | |
| 1330239 | Reindeer Moss | Excellent | Rusty Rock Chip | | |
| 1330240 | Bare Soil | Good | Coarse | | |
| 1330241 | Thin Moss Cover | Good | | | |
| 1330242 | Rock Cover | Good | Rocky Sample | Rocky Terrain | |
| 1330243 | Thin Moss Cover | Excellent | Rusty Rock Chip | | |
| 1330244 | Thin Moss Cover | Good | | | |
| 1330245 | Thin Moss Cover | Excellent | Rusty Rock Chip | | |
| 1330246 | Thin Moss Cover | Excellent | Rusty Rock Chip | Rocky Terrain | |
| 1330247 | Thin Moss Cover | Good | | | |
| 1330248 | Sphagnum Moss < 30cm | Excellent | Quartz Chips | Rusty Rock Chip | |
| 1330249 | Thin Moss Cover | Good | Rusty Rock Chip | | |
| 1330250 | Thin Moss Cover | Excellent | Rusty Rock Chip | | |
| 1332726 | Leaf Cover | Good | Rocky | | |
| 1332727 | Leaf Cover | Excellent | Rocky | | |
| 1332728 | Leaf Cover | Good | Rocky | | |
| 1332729 | Leaf Cover | Good | Rocky | | |
| 1332730 | Leaf Cover | Good | Rocky Sample | | |
| 1332731 | Leaf Cover | Good | Rocky Sample | | |
| 1332732 | Sphagnum Moss > 30cm | Poor | Organic 10% | Rocky | |
| 1332733 | Leaf Cover | Good | Rocky | | |
| 1332734 | Leaf Cover | Good | Rocky Terrain | | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1330219 | | 1330219 | -1 | 4417 | 1452 | 273 | -1 | 249 | 7588 | 123 | 2597 | 58 | 1495 | 42 |
| 1330220 | | 1330220 | -1 | 3508 | 1802 | 225 | 247 | 65 | 5894 | 89 | 2342 | 47 | 1258 | 32 |
| 1330221 | | 1330221 | -1 | 4353 | 1392 | 268 | -1 | 247 | 6565 | 115 | 1545 | 49 | 1263 | 38 |
| 1330222 | | 1330222 | -1 | 5543 | 1125 | 343 | -1 | 340 | 7767 | 155 | 2352 | 68 | 1360 | 49 |
| 1330223 | | 1330223 | -1 | 4335 | 1942 | 270 | -1 | 231 | 10224 | 132 | 4684 | 70 | 2060 | 42 |
| 1330224 | | 1330224 | -1 | 3791 | 2093 | 244 | 374 | 71 | 5065 | 87 | 3285 | 55 | 1274 | 33 |
| 1330225 | 1330224 | 1330225 | -1 | 5138 | -1 | 868 | -1 | 284 | 6948 | 132 | 2391 | 62 | 1487 | 46 |
| 1330226 | | 1330226 | -1 | 3788 | 908 | 223 | -1 | 208 | 4543 | 85 | 2132 | 48 | 1567 | 37 |
| 1330227 | | 1330227 | -1 | 3407 | 1475 | 204 | -1 | 167 | 4701 | 77 | 2966 | 49 | 1119 | 29 |
| 1330228 | | 1330228 | -1 | 3820 | 1088 | 225 | -1 | 258 | 7821 | 102 | 5013 | 64 | 16190 | 115 |
| 1330229 | | 1330229 | -1 | 4200 | 1307 | 267 | -1 | 237 | 4557 | 96 | 1842 | 50 | 1434 | 42 |
| 1330230 | | 1330230 | -1 | 3434 | 1577 | 228 | -1 | 194 | 2940 | 68 | 1626 | 41 | 947 | 32 |
| 1330231 | | 1330231 | -1 | 4101 | 1779 | 238 | 469 | 92 | 6216 | 91 | 6008 | 70 | 17243 | 120 |
| 1330232 | | 1330232 | -1 | 3554 | 1374 | 208 | 399 | 65 | 3577 | 69 | 2420 | 45 | 1062 | 30 |
| 1330233 | | 1330233 | -1 | 4193 | 1643 | 256 | 249 | 77 | 4987 | 92 | 2491 | 52 | 1618 | 41 |
| 1330234 | | 1330234 | -1 | 3235 | 1513 | 210 | -1 | 178 | 1938 | 54 | 2181 | 43 | 1105 | 30 |
| 1330235 | | 1330235 | -1 | 3086 | 991 | 186 | -1 | 167 | 1764 | 51 | 1964 | 41 | 549 | 23 |
| 1330236 | | 1330236 | -1 | 4311 | 2185 | 279 | -1 | 222 | 4957 | 95 | 4386 | 68 | 1339 | 38 |
| 1330237 | | 1330237 | -1 | 3632 | 1143 | 224 | -1 | 204 | 3415 | 75 | 2006 | 46 | 1471 | 38 |
| 1330238 | | 1330238 | -1 | 3955 | 1647 | 239 | -1 | 200 | 4062 | 78 | 2772 | 51 | 1193 | 35 |
| 1330239 | | 1330239 | -1 | 3605 | 2320 | 250 | -1 | 192 | 2963 | 69 | 3943 | 60 | 774 | 28 |
| 1330240 | | 1330240 | -1 | 3993 | 1108 | 233 | -1 | 218 | 10092 | 125 | 2665 | 53 | 1845 | 41 |
| 1330241 | | 1330241 | -1 | 3318 | 1070 | 198 | -1 | 180 | 3540 | 69 | 1726 | 40 | 940 | 31 |
| 1330242 | | 1330242 | -1 | 5174 | 2484 | 313 | 957 | 107 | 9597 | 136 | 7786 | 95 | 5219 | 68 |
| 1330243 | | 1330243 | -1 | 4568 | 1968 | 269 | -1 | 232 | 11889 | 140 | 5318 | 73 | 2304 | 46 |
| 1330244 | | 1330244 | -1 | 5091 | 1133 | 305 | -1 | 285 | 2401 | 90 | 2404 | 62 | 1134 | 43 |
| 1330245 | | 1330245 | -1 | 5279 | 2572 | 336 | -1 | 274 | 4893 | 104 | 6965 | 94 | 1347 | 43 |
| 1330246 | | 1330246 | -1 | 4145 | 1992 | 247 | 309 | 70 | 2731 | 66 | 5201 | 68 | 783 | 29 |
| 1330247 | | 1330247 | -1 | 4118 | 1469 | 264 | -1 | 233 | 2566 | 75 | 2736 | 56 | 1054 | 38 |
| 1330248 | | 1330248 | -1 | 4277 | 2195 | 272 | -1 | 224 | 4737 | 92 | 2910 | 56 | 1197 | 36 |
| 1330249 | | 1330249 | -1 | 3727 | 1772 | 232 | 273 | 68 | 4814 | 82 | 2954 | 51 | 1204 | 35 |
| 1330250 | | 1330250 | -1 | 3650 | 1594 | 238 | -1 | 194 | 1571 | 57 | 2535 | 50 | 823 | 30 |
| 1332726 | | 1332726 | -1 | 3241 | 1250 | 213 | -1 | 182 | 1685 | 56 | 2222 | 46 | 835 | 28 |
| 1332727 | | 1332727 | -1 | 3195 | 1383 | 187 | -1 | 192 | 1473 | 43 | 3849 | 50 | 9897 | 75 |
| 1332728 | | 1332728 | -1 | 3212 | 1347 | 214 | -1 | 187 | 1013 | 47 | 2542 | 48 | 1499 | 33 |
| 1332729 | | 1332729 | -1 | 2878 | 1657 | 198 | 373 | 61 | 1294 | 44 | 2538 | 43 | 2581 | 37 |
| 1332730 | | 1332730 | -1 | 3866 | 1653 | 242 | -1 | 211 | 1980 | 59 | 3796 | 59 | 2435 | 43 |
| 1332731 | | 1332731 | -1 | 3132 | 1577 | 204 | -1 | 164 | 1675 | 49 | 2326 | 43 | 883 | 27 |
| 1332732 | | 1332732 | -1 | 3391 | 1694 | 211 | 356 | 85 | 818 | 38 | 6051 | 63 | 21788 | 130 |
| 1332733 | | 1332733 | -1 | 3536 | 1754 | 224 | 245 | 64 | 2648 | 62 | 3625 | 55 | 1346 | 33 |
| 1332734 | | 1332734 | -1 | 3063 | 1307 | 194 | -1 | 164 | 943 | 41 | 2221 | 42 | 1903 | 34 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1330219 | 46 | 4 | 261 | 6 | 20394 | 118 | 449 | 26 | -1 | 16 | 40 | 3 | 94 | 3 | **51.4** |
| 1330220 | 33 | 3 | 242 | 5 | 15019 | 91 | 267 | 22 | -1 | 14 | 17 | 2 | 46 | 2 | **9.4** |
| 1330221 | 33 | 4 | 217 | 5 | 17430 | 102 | 374 | 23 | -1 | 14 | 25 | 3 | 38 | 2 | **10.6** |
| 1330222 | 53 | 5 | 243 | 7 | 18310 | 121 | 371 | 27 | -1 | 16 | 20 | 3 | 29 | 2 | **18.6** |
| 1330223 | 54 | 4 | 278 | 5 | 23067 | 132 | 371 | 27 | -1 | 16 | 26 | 3 | 58 | 2 | **10.1** |
| 1330224 | 38 | 3 | 306 | 5 | 15208 | 93 | 258 | 22 | -1 | 15 | 18 | 2 | 46 | 2 | **16.5** |
| 1330225 | 38 | 5 | 242 | 6 | 20228 | 119 | 320 | 26 | -1 | 15 | 13 | 2 | 38 | 2 | **29.5** |
| 1330226 | 33 | 3 | 212 | 5 | 18786 | 111 | 349 | 25 | -1 | 15 | 16 | 2 | 47 | 2 | **16.3** |
| 1330227 | 22 | 3 | 245 | 4 | 13438 | 84 | 270 | 21 | -1 | 14 | 16 | 2 | 49 | 2 | **10.3** |
| 1330228 | -1 | 9 | 186 | 4 | 13647 | 85 | 351 | 21 | -1 | 15 | 14 | 2 | 63 | 2 | **10.3** |
| 1330229 | 31 | 4 | 223 | 5 | 17236 | 98 | 270 | 22 | -1 | 15 | 12 | 2 | 42 | 2 | **13.3** |
| 1330230 | 32 | 3 | 257 | 5 | 19256 | 114 | 401 | 25 | -1 | 16 | 33 | 3 | 43 | 2 | **23.2** |
| 1330231 | -1 | 8 | 186 | 4 | 9343 | 63 | 253 | 18 | -1 | 13 | 13 | 2 | 46 | 2 | **7.1** |
| 1330232 | 26 | 3 | 222 | 4 | 16506 | 99 | 349 | 23 | -1 | 15 | 27 | 3 | 48 | 2 | **19.7** |
| 1330233 | 45 | 4 | 271 | 5 | 20870 | 121 | 345 | 26 | -1 | 16 | 17 | 2 | 72 | 3 | **12.7** |
| 1330234 | 20 | 3 | 211 | 4 | 15194 | 92 | 355 | 22 | -1 | 15 | 8 | 2 | 44 | 2 | **10.9** |
| 1330235 | 14 | 2 | 188 | 4 | 12859 | 82 | 339 | 21 | -1 | 14 | 18 | 2 | 52 | 2 | **11.8** |
| 1330236 | 43 | 4 | 260 | 5 | 18764 | 103 | 442 | 23 | -1 | 14 | 10 | 2 | 52 | 2 | **12.7** |
| 1330237 | 28 | 3 | 207 | 5 | 16298 | 99 | 293 | 23 | -1 | 15 | 13 | 2 | 51 | 2 | **11** |
| 1330238 | 41 | 4 | 318 | 5 | 24112 | 139 | 514 | 29 | 21 | 6 | 47 | 3 | 76 | 3 | **40.4** |
| 1330239 | 22 | 3 | 330 | 5 | 13840 | 79 | 274 | 19 | -1 | 13 | 12 | 2 | 30.6 | 2 | **20.5** |
| 1330240 | 56 | 4 | 291 | 5 | 23231 | 134 | 347 | 27 | -1 | 16 | 38 | 3 | 60 | 2 | **25.6** |
| 1330241 | 36 | 3 | 372 | 5 | 16065 | 98 | 377 | 23 | -1 | 16 | 30 | 3 | 106 | 3 | **16** |
| 1330242 | 43 | 4 | 438 | 7 | 20811 | 117 | 261 | 25 | -1 | 15 | 15 | 2 | 68 | 2 | **17.9** |
| 1330243 | 54 | 4 | 225 | 5 | 20413 | 120 | 298 | 26 | -1 | 17 | 36 | 3 | 68 | 2 | **13** |
| 1330244 | 33 | 4 | 285 | 7 | 14756 | 97 | 281 | 23 | -1 | 15 | 16 | 3 | 31 | 2 | **11.4** |
| 1330245 | 39 | 5 | 742 | 10 | 34688 | 188 | 461 | 33 | -1 | 17 | 27 | 3 | 47 | 2 | **70** |
| 1330246 | 18 | 3 | 531 | 7 | 21737 | 126 | 401 | 27 | -1 | 16 | 23 | 3 | 59 | 2 | **17.5** |
| 1330247 | 35 | 4 | 301 | 6 | 17725 | 101 | 312 | 23 | -1 | 14 | 22 | 2 | 49 | 2 | **16.6** |
| 1330248 | 30 | 4 | 286 | 5 | 20033 | 111 | 371 | 24 | -1 | 14 | 13 | 2 | 45 | 2 | **18** |
| 1330249 | 39 | 3 | 330 | 5 | 18586 | 110 | 345 | 25 | -1 | 16 | 32 | 3 | 70 | 2 | **14.3** |
| 1330250 | 24 | 3 | 295 | 5 | 17213 | 96 | 311 | 22 | -1 | 14 | 12 | 2 | 38.9 | 2 | **10.1** |
| 1332726 | 18 | 3 | 121 | 4 | 9878 | 61 | 241 | 16 | -1 | 12 | 11 | 2 | 32.1 | 2 | **7.4** |
| 1332727 | -1 | 7 | 62 | 2 | 7811 | 55 | 276 | 16 | -1 | 13 | 18 | 2 | 183 | 4 | **4.9** |
| 1332728 | 20 | 3 | 89 | 3 | 9930 | 61 | 285 | 17 | -1 | 12 | 11 | 2 | 31.7 | 2 | **7** |
| 1332729 | 29 | 3 | 63 | 3 | 11231 | 72 | 285 | 19 | -1 | 14 | 14 | 2 | 46 | 2 | **6.1** |
| 1332730 | 38 | 4 | 60 | 3 | 24228 | 138 | 614 | 29 | -1 | 16 | 22 | 2 | 61 | 2 | **5.6** |
| 1332731 | 24 | 3 | 81 | 3 | 15421 | 93 | 404 | 23 | -1 | 15 | 15 | 2 | 47 | 2 | **13.4** |
| 1332732 | -1 | 7 | 41 | 2 | 6047 | 45 | 241 | 14 | -1 | 13 | 25 | 2 | 100 | 3 | **5.8** |
| 1332733 | 30 | 3 | 74 | 3 | 16548 | 98 | 406 | 23 | -1 | 15 | 15 | 2 | 45 | 2 | **10.4** |
| 1332734 | 24 | 3 | 116 | 3 | 11854 | 74 | 329 | 20 | -1 | 14 | 17 | 2 | 104 | 3 | **10.3** |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1330219 | 1.8 | -1 | 1.9 | 245 | 2 | 112 | 10 | 281 | 25 | 37 | 8 | -1 | 7 | -1 | 9 | -1 |
| 1330220 | 1.2 | -1 | 1.7 | 81.3 | 1.3 | 77 | 6 | 306 | 24 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1330221 | 1.3 | -1 | 1.6 | 107.1 | 1.5 | 84 | 8 | 305 | 29 | -1 | 26 | -1 | 8 | -1 | 11 | -1 |
| 1330222 | 1.7 | -1 | 2 | 128.2 | 1.8 | 86 | 10 | 273 | 31 | -1 | 30 | -1 | 11 | -1 | 15 | -1 |
| 1330223 | 1.3 | -1 | 1.7 | 161.9 | 1.8 | 111 | 9 | 196 | 16 | -1 | -19.4 | -1 | 7 | -1 | 10 | 15 |
| 1330224 | 1.4 | -1 | 1.8 | 57.1 | 1.1 | 75 | 7 | 300 | 24 | -1 | 22 | -1 | 7 | -1 | 10 | -1 |
| 1330225 | 1.5 | -1 | 1.7 | 85.7 | 1.4 | 81 | 9 | 264 | 28 | -1 | 27 | -1 | 10 | -1 | 13 | -1 |
| 1330226 | 1.3 | -1 | 1.8 | 91 | 1.4 | 77 | 7 | 286 | 23 | 29 | 7 | -1 | 7 | -1 | 10 | -1 |
| 1330227 | 1.2 | -1 | 1.7 | 93.8 | 1.4 | 83 | 7 | 334 | 26 | 22 | 7 | -1 | 7 | -1 | 9 | -1 |
| 1330228 | 1.2 | -1 | 1.7 | 88.2 | 1.3 | 64 | 5 | 178 | 13 | -1 | 16 | -1 | 6 | -1 | 8 | -1 |
| 1330229 | 1.2 | -1 | 1.7 | 75.9 | 1.2 | 79 | 7 | 199 | 17 | -1 | -21 | -1 | 8 | -1 | 11 | -1 |
| 1330230 | 1.4 | -1 | 1.9 | 94 | 1.4 | 78 | 7 | 350 | 28 | -1 | 23 | -1 | 7 | -1 | 10 | -1 |
| 1330231 | 1.3 | -1 | 1.7 | 57.2 | 1.1 | 65 | 6 | 370 | 30 | 27 | 8 | -1 | 7 | -1 | 10 | -1 |
| 1330232 | 1.4 | -1 | 1.9 | 79.8 | 1.3 | 78 | 6 | 237 | 17 | -1 | 18 | -1 | 6 | -1 | 9 | -1 |
| 1330233 | 1.3 | -1 | 1.8 | 74.9 | 1.3 | 77 | 6 | 202 | 15 | -1 | 17 | -1 | 6 | -1 | 8 | -1 |
| 1330234 | 1.3 | -1 | 1.7 | 49 | 1 | 73 | 6 | 249 | 18 | -1 | -18.6 | -1 | 6 | -1 | 9 | -1 |
| 1330235 | 1.3 | -1 | 1.8 | 97.3 | 1.4 | 75 | 6 | 273 | 20 | 22 | 6 | -1 | 6 | -1 | 9 | -1 |
| 1330236 | 1.2 | -1 | 1.7 | 132.6 | 1.5 | 84 | 8 | 184 | 16 | -1 | -19.8 | -1 | 7 | -1 | 10 | -1 |
| 1330237 | 1.2 | -1 | 1.8 | 55.8 | 1.1 | 84 | 7 | 280 | 22 | -1 | -21.6 | -1 | 7 | -1 | 9 | -1 |
| 1330238 | 1.8 | -1 | 2 | 124.6 | 1.6 | 82 | 6 | 208 | 15 | -1 | -17.7 | -1 | 6 | -1 | 8 | -1 |
| 1330239 | 1.2 | -1 | 1.6 | 88.6 | 1.2 | 87 | 8 | 306 | 28 | -1 | 25 | -1 | 8 | -1 | 12 | -1 |
| 1330240 | 1.5 | -1 | 1.9 | 100.4 | 1.4 | 71 | 5 | 218 | 16 | -1 | 17 | -1 | 6 | -1 | 8 | -1 |
| 1330241 | 1.3 | -1 | 1.8 | 77.3 | 1.3 | 103 | 8 | 251 | 19 | -1 | -20.4 | -1 | 7 | -1 | 9 | -1 |
| 1330242 | 1.3 | -1 | 1.7 | 141.8 | 1.7 | 132 | 14 | 238 | 24 | -1 | -25.5 | -1 | 10 | -1 | 13 | -1 |
| 1330243 | 1.4 | -1 | 1.9 | 164 | 1.9 | 136 | 11 | 181 | 14 | -1 | -17.9 | -1 | 7 | -1 | 9 | -1 |
| 1330244 | 1.3 | -1 | 1.9 | 52.4 | 1.2 | 84 | 9 | 273 | 28 | -1 | 27 | -1 | 9 | -1 | 12 | -1 |
| 1330245 | 2 | -1 | 1.9 | 76.6 | 1.3 | 79 | 8 | 238 | 24 | -1 | 25 | -1 | 9 | -1 | 13 | -1 |
| 1330246 | 1.4 | -1 | 1.8 | 79.9 | 1.3 | 77 | 6 | 262 | 21 | -1 | 20 | -1 | 7 | -1 | 9 | -1 |
| 1330247 | 1.3 | -1 | 1.8 | 60.7 | 1.1 | 68 | 6 | 217 | 19 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1330248 | 1.3 | -1 | 1.7 | 71.8 | 1.2 | 58 | 5 | 232 | 19 | -1 | -20.7 | -1 | 7 | -1 | 9 | -1 |
| 1330249 | 1.3 | -1 | 1.8 | 67.2 | 1.2 | 92 | 7 | 280 | 21 | -1 | 20 | -1 | 6 | -1 | 9 | -1 |
| 1330250 | 1.2 | -1 | 1.6 | 59.3 | 1.1 | 85 | 9 | 218 | 22 | -1 | 23 | -1 | 10 | -1 | 13 | -1 |
| 1332726 | 1.1 | -1 | 1.5 | 67.4 | 1.1 | 69 | 6 | 171 | 14 | -1 | 18 | -1 | 7 | -1 | 10 | -1 |
| 1332727 | 1.2 | -1 | 1.6 | 65.7 | 1.1 | 68 | 5 | 191 | 14 | -1 | -16.9 | -1 | 6 | -1 | 8 | -1 |
| 1332728 | 1.1 | -1 | 1.6 | 63.5 | 1.1 | 73 | 7 | 195 | 17 | -1 | -20.8 | -1 | 8 | -1 | 11 | -1 |
| 1332729 | 1.2 | -1 | 1.7 | 75.4 | 1.2 | 100 | 8 | 282 | 21 | -1 | 20 | -1 | 7 | -1 | 9 | -1 |
| 1332730 | 1.4 | -1 | 1.9 | 129.4 | 1.6 | 99 | 8 | 236 | 18 | -1 | -20 | -1 | 6 | -1 | 9 | -1 |
| 1332731 | 1.3 | -1 | 1.7 | 127.9 | 1.6 | 108 | 8 | 172 | 12 | -1 | -15.8 | -1 | 6 | -1 | 8 | -1 |
| 1332732 | 1.1 | -1 | 1.6 | 56.2 | 1.1 | 106 | 8 | 223 | 16 | -1 | -18.1 | -1 | 6 | -1 | 9 | -1 |
| 1332733 | 1.2 | -1 | 1.7 | 104.2 | 1.4 | 104 | 8 | 226 | 18 | -1 | -20.7 | -1 | 7 | -1 | 9 | -1 |
| 1332734 | 1.2 | -1 | 1.7 | 56.5 | 1.1 | 121 | 10 | 279 | 23 | -1 | -22.6 | -1 | 8 | -1 | 10 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1330219 | 14 | -1 | 18 | 359 | 16 | -1 | 17 | -1 | 4.1 | 33.1 | 1.8 | Soil | PASS | 91.02 |
| 1330220 | 14 | -1 | 18 | 281 | 12 | -1 | 14 | -1 | 3.9 | 14.5 | 1.5 | Soil | PASS | 88.22 |
| 1330221 | 16 | -1 | 21 | 257 | 15 | -1 | 14 | -1 | 3.8 | 21.3 | 1.6 | Soil | PASS | 90.86 |
| 1330222 | 20 | -1 | 26 | 349 | 19 | -1 | 17 | -1 | 4.5 | 29.2 | 2 | Soil | PASS | 91.48 |
| 1330223 | 5 | -1 | 17 | 337 | 16 | -1 | 15 | -1 | 4.2 | 18.4 | 1.6 | Soil | PASS | 88.25 |
| 1330224 | 14 | -1 | 18 | 270 | 13 | -1 | 15 | -1 | 3.7 | 22.3 | 1.6 | Soil | PASS | 88.07 |
| 1330225 | 19 | -1 | 25 | 296 | 18 | -1 | 15 | -1 | 4.1 | 15.3 | 1.6 | Soil | PASS | 90.96 |
| 1330226 | 14 | -1 | 18 | 268 | 14 | -1 | 15 | -1 | 3.8 | 19.2 | 1.6 | Soil | PASS | 88.41 |
| 1330227 | 13 | -1 | 17 | 228 | 11 | -1 | 15 | -1 | 3.8 | 18.2 | 1.5 | Soil | PASS | 88.09 |
| 1330228 | 11 | -1 | 15 | 931 | 27 | -1 | 15 | -1 | 3.8 | 16.7 | 1.5 | Soil | PASS | 88.08 |
| 1330229 | 15 | -1 | 19 | 372 | 16 | -1 | 14 | -1 | 3.6 | 18 | 1.5 | Soil | PASS | 90.61 |
| 1330230 | 14 | -1 | 18 | 311 | 13 | -1 | 16 | -1 | 4 | 20 | 1.6 | Soil | PASS | 88.11 |
| 1330231 | 14 | -1 | 18 | 965 | 27 | -1 | 15 | -1 | 3.9 | 23.9 | 1.6 | Soil | PASS | 88.36 |
| 1330232 | 12 | -1 | 16 | 239 | 12 | -1 | 15 | -1 | 4 | 23 | 1.6 | Soil | PASS | 87.98 |
| 1330233 | 11 | -1 | 15 | 387 | 16 | -1 | 15 | -1 | 4.1 | 18.3 | 1.6 | Soil | PASS | 88.25 |
| 1330234 | 12 | -1 | 15 | 245 | 12 | -1 | 14 | -1 | 3.9 | 19.8 | 1.5 | Soil | PASS | 88.31 |
| 1330235 | 12 | -1 | 16 | 178 | 10 | -1 | 15 | -1 | 4 | 22.1 | 1.6 | Soil | PASS | 88.19 |
| 1330236 | 14 | -1 | 19 | 308 | 15 | -1 | 14 | -1 | 3.7 | 16.1 | 1.5 | Soil | PASS | 90.5 |
| 1330237 | 13 | -1 | 17 | 394 | 15 | -1 | 14 | -1 | 3.9 | 14.8 | 1.5 | Soil | PASS | 88.45 |
| 1330238 | 11 | -1 | 15 | 350 | 14 | -1 | 17 | -1 | 4.1 | 33 | 1.8 | Soil | PASS | 88 |
| 1330239 | 16 | -1 | 21 | 188 | 11 | -1 | 14 | -1 | 3.5 | 18 | 1.4 | Soil | PASS | 90.39 |
| 1330240 | 11 | -1 | 14 | 474 | 16 | -1 | 16 | -1 | 4.1 | 24.6 | 1.7 | Soil | PASS | 88.04 |
| 1330241 | 13 | -1 | 16 | 370 | 13 | -1 | 15 | -1 | 4 | 19.7 | 1.6 | Soil | PASS | 88.08 |
| 1330242 | 17 | -1 | 23 | 548 | 21 | -1 | 15 | -1 | 4 | 18.8 | 1.6 | Soil | PASS | 90.89 |
| 1330243 | 13 | -1 | 17 | 521 | 17 | -1 | 15 | -1 | 4 | 28.9 | 1.8 | Soil | PASS | 88.06 |
| 1330244 | 17 | -1 | 23 | 336 | 17 | -1 | 16 | -1 | 4.1 | 14 | 1.6 | Soil | PASS | 91.32 |
| 1330245 | 17 | -1 | 23 | 299 | 17 | -1 | 18 | -1 | 4 | 38.2 | 1.9 | Soil | PASS | 90.79 |
| 1330246 | 13 | -1 | 17 | 221 | 12 | -1 | 16 | -1 | 4 | 24 | 1.7 | Soil | PASS | 88.34 |
| 1330247 | 14 | -1 | 19 | 382 | 16 | -1 | 14 | -1 | 3.7 | 19.1 | 1.5 | Soil | PASS | 90.75 |
| 1330248 | 13 | -1 | 17 | 273 | 14 | -1 | 14 | -1 | 3.8 | 15.9 | 1.5 | Soil | PASS | 90.66 |
| 1330249 | 12 | -1 | 16 | 417 | 14 | -1 | 15 | -1 | 3.7 | 17.1 | 1.5 | Soil | PASS | 88.18 |
| 1330250 | 18 | -1 | 24 | 187 | 12 | -1 | 14 | -1 | 3.5 | 20.5 | 1.5 | Soil | PASS | 90.74 |
| 1332726 | 14 | -1 | 19 | 187 | 11 | -1 | 13 | -1 | 3.6 | 14.7 | 1.3 | Soil | PASS | 90.23 |
| 1332727 | 12 | -1 | 16 | 697 | 20 | -1 | 14 | -1 | 3.8 | 23.2 | 1.5 | Soil | PASS | 88 |
| 1332728 | 15 | -1 | 20 | 173 | 12 | -1 | 13 | -1 | 3.5 | 15.8 | 1.4 | Soil | PASS | 90.56 |
| 1332729 | 13 | -1 | 17 | 233 | 12 | -1 | 14 | -1 | 3.7 | 19 | 1.5 | Soil | PASS | 88.12 |
| 1332730 | 12 | -1 | 16 | 268 | 15 | -1 | 16 | -1 | 4.2 | 28.6 | 1.8 | Soil | PASS | 88.28 |
| 1332731 | 11 | -1 | 14 | 227 | 11 | -1 | 15 | -1 | 3.8 | 21.2 | 1.6 | Soil | PASS | 87.98 |
| 1332732 | 12 | -1 | 16 | 1054 | 27 | -1 | 13 | -1 | 3.4 | 16.4 | 1.4 | Soil | PASS | 88.02 |
| 1332733 | 13 | -1 | 17 | 326 | 13 | -1 | 14 | -1 | 4 | 17.2 | 1.5 | Soil | PASS | 88.24 |
| 1332734 | 14 | -1 | 19 | 264 | 12 | -1 | 14 | -1 | 3.6 | 17.2 | 1.5 | Soil | PASS | 88.41 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332735 | HES | 8 | 568933 | 7025576 | Chocolate Brown | Silt | Dry | Flat | 30 | B | Poplar |
| 1332736 | HES | 8 | 568912 | 7025579 | Chocolate Brown | Silt | Dry | Flat | 20 | B | Poplar |
| 1332737 | HES | 8 | 568895 | 7025590 | Chocolate Brown | Clay | Damp | Flat | 20 | B | Poplar |
| 1332738 | HES | 8 | 568878 | 7025604 | Chocolate Brown | Silt | Damp | Flat | 10 | B | Subalpine Fir |
| 1332739 | HES | 8 | 568861 | 7025618 | Chocolate Brown | Clay | Damp | Flat | 20 | B | Subalpine Fir |
| 1332740 | HES | 8 | 568843 | 7025626 | Chocolate Brown | Sand | Damp | Flat | 30 | C | Subalpine Fir |
| 1332741 | HES | 8 | 568821 | 7025629 | Light Bluish Grey | Sand | Dry | Flat | 80 | C | Subalpine Fir |
| 1332742 | HES | 8 | 568797 | 7025632 | Reddish Orange | Sand | Dry | Flat | 70 | C | Black Spruce |
| 1332743 | HES | 8 | 568777 | 7025639 | Chocolate Brown | Sand | Dry | Flat | 40 | C | Poplar |
| 1332744 | HES | 8 | 568762 | 7025654 | Chocolate Brown | Sand | Dry | Flat | 50 | C | Poplar |
| 1332745 | HES | 8 | 567761 | 7025858 | Chocolate Brown | Clay | Dry | Flat | 30 | B | Poplar |
| 1332746 | HES | 8 | 567775 | 7025844 | Chocolate Brown | Clay | Dry | Flat | 30 | B | Poplar |
| 1332747 | HES | 8 | 567788 | 7025830 | Chocolate Brown | Clay | Dry | Flat | 60 | B | Poplar |
| 1332748 | HES | 8 | 567805 | 7025818 | Chocolate Brown | Clay | Dry | Flat | 40 | C | Poplar |
| 1332749 | HES | 8 | 567820 | 7025806 | Chocolate Brown | Clay | Dry | Flat | 30 | B | Poplar |
| 1332750 | HES | 8 | 567834 | 7025792 | Chocolate Brown | Clay | Dry | Flat | 70 | B | Birch Forest |
| 1332752 | HES | 8 | 569339 | 7024699 | Chocolate Brown | Clay | Wet | Subtle Slope | 40 | B | Dwarf Birch |
| 1332753 | HES | 8 | 569331 | 7024718 | Chocolate Brown | Sand | Wet | Subtle Slope | 50 | C | Black Spruce |
| 1332754 | HES | 8 | 569313 | 7024731 | Bluish Grey | Sand | Damp | Subtle Slope | 90 | C | Pine |
| 1332755 | HES | 8 | 569455 | 7024683 | Dark Blue Black | Clay | Wet | Subtle Slope | 50 | B | Pine |
| 1332756 | HES | 8 | 569442 | 7024698 | Dark Olivine Green | Sand | Damp | Subtle Slope | 60 | C | Birch Forest |
| 1332757 | HES | 8 | 569431 | 7024716 | Chocolate Brown | Sand | Damp | Subtle Slope | 70 | C | Black Spruce |
| 1332758 | HES | 8 | 569414 | 7024729 | Reddish Brown | Clay | Wet | Flat | 70 | C | Black Spruce |
| 1332759 | HES | 8 | 569399 | 7024742 | Reddish Brown | Clay | Wet | Subtle Slope | 50 | C | Birch Forest |
| 1332760 | HES | 8 | 569293 | 7024978 | Dark Blue Black | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1332761 | HES | 8 | 569276 | 7024990 | Chocolate Brown | Sand | Damp | Subtle Slope | 60 | C | Black Spruce |
| 1332762 | HES | 8 | 569261 | 7025005 | Dark Blue Black | Sand | Damp | Subtle Slope | 30 | C | Pine |
| 1332763 | HES | 8 | 569245 | 7025020 | Chocolate Brown | Sand | Damp | Subtle Slope | 60 | C | Pine |
| 1332764 | HES | 8 | 569235 | 7025038 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1332765 | HES | 8 | 569221 | 7025053 | Chocolate Brown | Sand | Dry | Subtle Slope | 50 | C | Pine |
| 1332766 | HES | 8 | 569204 | 7025064 | Reddish Brown | Sand | Damp | Subtle Slope | 60 | C | Pine |
| 1332767 | HES | 8 | 569196 | 7025082 | Chocolate Brown | Sand | Dry | Subtle Slope | 40 | C | Pine |
| 1332768 | HES | 8 | 569183 | 7025099 | Chocolate Brown | Sand | Damp | Pronounced Slope | 50 | C | Pine |
| 1332769 | HES | 8 | 569169 | 7025114 | Reddish Brown | Clay | Wet | Subtle Slope | 50 | B | Pine |
| 1332770 | HES | 8 | 569151 | 7025126 | Reddish Brown | Clay | Damp | Subtle Slope | 20 | B | Pine |
| 1332771 | HES | 8 | 569134 | 7025138 | Reddish Brown | Clay | Wet | Flat | 50 | B | Pine |
| 1332772 | HES | 8 | 569117 | 7025149 | Reddish Brown | Clay | Wet | Flat | 40 | B | Pine |
| 1332773 | HES | 8 | 569100 | 7025160 | Chocolate Brown | Sand | Damp | Subtle Slope | 50 | C | Pine |
| 1332774 | HES | 8 | 569381 | 7024748 | Light Brown | Sand | Damp | Subtle Slope | 60 | B | Black Spruce |
| 1332775 | HES | 8 | 569381 | 7024748 | Light Brown | Sand | Damp | Subtle Slope | 60 | B | Black Spruce |
| 1332802 | HES | 8 | 569081 | 7025169 | Light Brown | Sand | Dry | Subtle Slope | 50 | C | Pine |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1332735 | Leaf Cover | Good | Rocky | | |
| 1332736 | Leaf Cover | Good | Organic 10% | Rocky Terrain | |
| 1332737 | Leaf Cover | Poor | Organic 10% | Rocky Terrain | |
| 1332738 | Thin Moss Cover | Good | Organic 10% | Rocky Terrain | |
| 1332739 | Thin Moss Cover | Good | Rocky Terrain | Sandy | |
| 1332740 | Leaf Cover | Good | Rocky Terrain | | |
| 1332741 | Bare Soil | Excellent | Fine | Rocky Terrain | |
| 1332742 | Grass Cover | Excellent | Rocky | | |
| 1332743 | Leaf Cover | Excellent | Rocky | | |
| 1332744 | Thin Moss Cover | Excellent | Rocky | | |
| 1332745 | Leaf Cover | Good | Rocky Terrain | | |
| 1332746 | Leaf Cover | Good | Rocky | | |
| 1332747 | Leaf Cover | Good | Rocky | | |
| 1332748 | Leaf Cover | Good | Rocky | Sandy | |
| 1332749 | Leaf Cover | Good | Rocky | | |
| 1332750 | Leaf Cover | Good | Rocky | | |
| 1332752 | Reindeer Moss | Poor | Quartz Chips | | rusty quartz all around site |
| 1332753 | Reindeer Moss | Good | Coarse | | |
| 1332754 | Leaf Cover | Good | Coarse | | |
| 1332755 | Sphagnum Moss < 30cm | Poor | Mud | | one hundred holes tried. multiple used to collect samp |
| 1332756 | Reindeer Moss | Excellent | Coarse | | in recess between to ridges |
| 1332757 | Reindeer Moss | Excellent | Coarse | | recess between to quartz-laden ridges |
| 1332758 | Reindeer Moss | Good | Coarse | | |
| 1332759 | Sphagnum Moss < 30cm | Poor | Coarse | | |
| 1332760 | Leaf Cover | Good | | | |
| 1332761 | Sphagnum Moss < 30cm | Good | Coarse | | |
| 1332762 | Needle Cover | Good | Coarse | | |
| 1332763 | Needle Cover | Excellent | Coarse | Quartz Chips | |
| 1332764 | Leaf Cover | Good | Coarse | | |
| 1332765 | Needle Cover | Excellent | | | |
| 1332766 | Needle Cover | Good | | | |
| 1332767 | Needle Cover | Excellent | Coarse | | |
| 1332768 | Needle Cover | Good | Coarse | | |
| 1332769 | Needle Cover | Poor | | | closer to prominent ridge. soil changed from last 9 |
| 1332770 | Bare Soil | Good | Quartz Chips | | |
| 1332771 | Bare Soil | Good | Coarse | Quartz Chips | |
| 1332772 | Needle Cover | Poor | | | |
| 1332773 | Leaf Cover | Good | Bright Orange Rust | | lots of rusty quartz veins exposed |
| 1332774 | Leaf Cover | Good | Fine | | |
| 1332775 | Leaf Cover | Good | Fine | | |
| 1332802 | Needle Cover | Excellent | Coarse | | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332735 | | 1332735 | -1 | 3660 | 1532 | 220 | -1 | 183 | 2227 | 57 | 3572 | 54 | 1328 | 37 |
| 1332736 | | 1332736 | -1 | 2571 | 766 | 155 | 146 | 47 | 1314 | 40 | 2146 | 38 | 635 | 21 |
| 1332737 | | 1332737 | -1 | 2637 | 1072 | 170 | -1 | 147 | 1961 | 48 | 1663 | 36 | 1359 | 28 |
| 1332738 | | 1332738 | -1 | 2946 | 1417 | 191 | -1 | 163 | 817 | 37 | 1097 | 32 | 1924 | 33 |
| 1332739 | | 1332739 | -1 | 3542 | 1716 | 237 | -1 | 207 | 890 | 49 | 1878 | 44 | 2483 | 42 |
| 1332740 | | 1332740 | -1 | 2995 | 1436 | 195 | 445 | 62 | 1385 | 45 | 2261 | 42 | 1859 | 33 |
| 1332741 | | 1332741 | -1 | 3103 | 1119 | 193 | 260 | 66 | 1304 | 44 | 2018 | 40 | 5537 | 57 |
| 1332742 | | 1332742 | -1 | 2777 | 965 | 178 | -1 | 158 | 768 | 37 | 1577 | 36 | 1607 | 30 |
| 1332743 | | 1332743 | -1 | 3717 | 1406 | 234 | -1 | 197 | 1295 | 52 | 2341 | 48 | 1687 | 37 |
| 1332744 | | 1332744 | -1 | 3556 | 1683 | 231 | -1 | 205 | 2426 | 64 | 1948 | 44 | 2504 | 41 |
| 1332745 | | 1332745 | -1 | 4407 | 1515 | 266 | -1 | 230 | 4829 | 93 | 1944 | 49 | 1797 | 45 |
| 1332746 | | 1332746 | -1 | 3401 | 879 | 191 | -1 | 169 | 5591 | 84 | 2306 | 45 | 1327 | 32 |
| 1332747 | | 1332747 | -1 | 4079 | 1337 | 258 | -1 | 220 | 1988 | 69 | 2486 | 54 | 1094 | 38 |
| 1332748 | | 1332748 | -1 | 2986 | 1076 | 190 | 171 | 56 | 847 | 40 | 1307 | 35 | 331 | 22 |
| 1332749 | | 1332749 | -1 | 3681 | 695 | 203 | -1 | 189 | 5827 | 90 | 3828 | 57 | 2135 | 40 |
| 1332750 | | 1332750 | -1 | 3427 | 1678 | 224 | -1 | 187 | 1416 | 51 | 2698 | 49 | 720 | 30 |
| 1332752 | | 1332752 | -1 | 3315 | 1086 | 204 | -1 | 186 | 929 | 44 | 2714 | 48 | 2615 | 41 |
| 1332753 | | 1332753 | -1 | 3347 | 1729 | 219 | -1 | 182 | 1324 | 47 | 1939 | 41 | 2894 | 44 |
| 1332754 | | 1332754 | -1 | 3627 | 2986 | 264 | 273 | 71 | 1855 | 56 | 3431 | 54 | 3022 | 44 |
| 1332755 | | 1332755 | -1 | 4545 | 1357 | 285 | -1 | 259 | 4554 | 99 | 941 | 43 | 1901 | 52 |
| 1332756 | | 1332756 | -1 | 4659 | 2871 | 311 | 363 | 89 | 10098 | 136 | 2796 | 59 | 2267 | 49 |
| 1332757 | | 1332757 | -1 | 4961 | 2049 | 295 | -1 | 344 | 6190 | 101 | 8312 | 91 | 26041 | 178 |
| 1332758 | | 1332758 | -1 | 3678 | 1640 | 229 | -1 | 198 | 1407 | 52 | 2813 | 50 | 4432 | 55 |
| 1332759 | | 1332759 | -1 | 3399 | 1331 | 217 | -1 | 199 | 2703 | 64 | 2247 | 45 | 2412 | 41 |
| 1332760 | | 1332760 | -1 | 3329 | 1609 | 226 | 253 | 67 | 1890 | 56 | 2322 | 46 | 1514 | 36 |
| 1332761 | | 1332761 | -1 | 3399 | 1300 | 211 | 261 | 70 | 2094 | 56 | 1682 | 40 | 4785 | 56 |
| 1332762 | | 1332762 | -1 | 3124 | 1483 | 214 | 227 | 64 | 2457 | 60 | 1290 | 37 | 1495 | 35 |
| 1332763 | | 1332763 | -1 | 3244 | 1548 | 214 | 215 | 64 | 993 | 45 | 2107 | 44 | 2240 | 38 |
| 1332764 | | 1332764 | -1 | 3491 | 1516 | 208 | 280 | 64 | 1640 | 51 | 1770 | 40 | 2205 | 37 |
| 1332765 | | 1332765 | -1 | 3282 | 1173 | 202 | -1 | 178 | 788 | 41 | 1965 | 42 | 1275 | 30 |
| 1332766 | | 1332766 | -1 | 3005 | 1244 | 198 | 390 | 63 | 1669 | 51 | 1207 | 35 | 967 | 28 |
| 1332767 | | 1332767 | -1 | 3378 | 1933 | 238 | -1 | 192 | 1090 | 49 | 3115 | 53 | 967 | 29 |
| 1332768 | | 1332768 | -1 | 3600 | 1108 | 229 | -1 | 207 | 1827 | 62 | 1488 | 42 | 1040 | 33 |
| 1332769 | | 1332769 | -1 | 2818 | 1426 | 192 | 277 | 59 | 725 | 37 | 616 | 28 | 2273 | 36 |
| 1332770 | | 1332770 | -1 | 3118 | 1344 | 203 | 274 | 63 | 1059 | 45 | 1035 | 34 | 1412 | 31 |
| 1332771 | | 1332771 | -1 | 3777 | 743 | 217 | -1 | 215 | 13288 | 153 | 3443 | 62 | 1078 | 30 |
| 1332772 | | 1332772 | -1 | 4101 | 1149 | 260 | -1 | 242 | 1101 | 60 | 1752 | 48 | 1000 | 36 |
| 1332773 | | 1332773 | -1 | 3147 | 1405 | 207 | -1 | 172 | 2360 | 58 | 2298 | 44 | 1160 | 31 |
| 1332774 | | 1332774 | -1 | 4206 | 1583 | 258 | -1 | 231 | 5863 | 100 | 4066 | 65 | 2254 | 45 |
| 1332775 | 1332774 | 1332775 | -1 | 3598 | 1479 | 223 | -1 | 205 | 2561 | 63 | 3103 | 52 | 6382 | 66 |
| 1332802 | | 1332802 | -1 | 3156 | 1581 | 202 | -1 | 164 | 1895 | 52 | 1513 | 37 | 1300 | 29 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332735 | 40 | 4 | 153 | 4 | 18841 | 111 | 359 | 25 | -1 | 16 | 36 | 3 | 120 | 3 | **12.4** |
| 1332736 | 16 | 2 | 64 | 2 | 8946 | 61 | 263 | 17 | -1 | 13 | 9 | 2 | 71 | 2 | **12.2** |
| 1332737 | 25 | 2 | 70 | 3 | 10101 | 67 | 227 | 18 | -1 | 14 | -1 | 6 | 109 | 3 | **15.9** |
| 1332738 | 22 | 3 | 134 | 3 | 12787 | 79 | 341 | 20 | -1 | 14 | 7 | 2 | 157 | 3 | **8.5** |
| 1332739 | 21 | 3 | 204 | 4 | 10055 | 62 | 213 | 17 | -1 | 12 | 7 | 2 | 49.2 | 2 | **-1** |
| 1332740 | 19 | 3 | 83 | 3 | 12354 | 78 | 334 | 20 | -1 | 14 | 16 | 2 | 144 | 3 | **11** |
| 1332741 | 15 | 3 | 45 | 3 | 16974 | 101 | 467 | 24 | -1 | 15 | 23 | 2 | 60 | 2 | **15.8** |
| 1332742 | 13 | 2 | 49 | 3 | 13515 | 83 | 463 | 22 | -1 | 14 | 29 | 3 | 79 | 2 | **8.4** |
| 1332743 | 22 | 3 | 67 | 3 | 22355 | 127 | 477 | 27 | -1 | 15 | 18 | 2 | 36.4 | 2 | **-1** |
| 1332744 | 32 | 3 | 65 | 3 | 13182 | 76 | 259 | 19 | -1 | 13 | 9 | 2 | 24.4 | 2 | **8.2** |
| 1332745 | 37 | 4 | 287 | 6 | 23664 | 135 | 221 | 27 | -1 | 16 | 9 | 2 | 45 | 2 | **17.3** |
| 1332746 | 28 | 3 | 274 | 5 | 14969 | 91 | 288 | 22 | -1 | 15 | 19 | 2 | 38.9 | 2 | **9.8** |
| 1332747 | 29 | 4 | 212 | 5 | 14483 | 85 | 361 | 21 | -1 | 13 | 8 | 2 | 42 | 2 | **12.8** |
| 1332748 | 19 | 3 | 209 | 4 | 13374 | 83 | 376 | 21 | -1 | 14 | 21 | 2 | 37.2 | 2 | **12** |
| 1332749 | 37 | 3 | 199 | 4 | 15515 | 93 | 249 | 22 | -1 | 14 | 9 | 2 | 36.3 | 2 | **5.8** |
| 1332750 | 22 | 3 | 303 | 5 | 12366 | 72 | 201 | 18 | -1 | 12 | 13 | 2 | 52 | 2 | **4.2** |
| 1332752 | 38 | 3 | 96 | 3 | 14021 | 79 | 402 | 20 | -1 | 14 | 27 | 2 | 75 | 2 | **28** |
| 1332753 | 43 | 3 | 176 | 4 | 18640 | 109 | 464 | 25 | -1 | 16 | 32 | 3 | 160 | 3 | **15.7** |
| 1332754 | 29 | 3 | 202 | 4 | 18448 | 108 | 367 | 24 | -1 | 15 | 19 | 2 | 64 | 2 | **4.9** |
| 1332755 | 60 | 5 | 192 | 5 | 22271 | 121 | 342 | 25 | -1 | 15 | 16 | 2 | 95 | 3 | **20** |
| 1332756 | 47 | 4 | 238 | 5 | 26257 | 147 | 353 | 29 | -1 | 17 | 12 | 2 | 137 | 3 | **9.3** |
| 1332757 | -1 | 12 | 186 | 5 | 20141 | 117 | 313 | 25 | -1 | 16 | 16 | 2 | 77 | 3 | **9.3** |
| 1332758 | 22 | 3 | 98 | 3 | 15279 | 86 | 323 | 21 | -1 | 14 | 26 | 2 | 64 | 2 | **9.6** |
| 1332759 | 31 | 3 | 209 | 4 | 17877 | 105 | 347 | 24 | -1 | 16 | 21 | 2 | 138 | 3 | **4.7** |
| 1332760 | 30 | 3 | 133 | 4 | 16900 | 102 | 393 | 24 | -1 | 16 | 24 | 3 | 61 | 2 | **9.9** |
| 1332761 | 33 | 3 | 120 | 4 | 16010 | 96 | 368 | 23 | -1 | 16 | 20 | 2 | 71 | 2 | **22.7** |
| 1332762 | 30 | 3 | 110 | 4 | 14303 | 87 | 273 | 21 | -1 | 14 | -1 | 6 | 136 | 3 | **20.1** |
| 1332763 | 20 | 3 | 86 | 3 | 11116 | 72 | 305 | 19 | -1 | 13 | 14 | 2 | 66 | 2 | **22.2** |
| 1332764 | 23 | 3 | 91 | 3 | 14310 | 87 | 321 | 21 | -1 | 15 | 17 | 2 | 59 | 2 | **14.7** |
| 1332765 | 21 | 3 | 98 | 3 | 13089 | 81 | 320 | 20 | -1 | 14 | 15 | 2 | 33.4 | 2 | **11** |
| 1332766 | 18 | 3 | 103 | 3 | 13008 | 81 | 275 | 20 | -1 | 14 | 11 | 2 | 42 | 2 | **9.6** |
| 1332767 | 17 | 3 | 109 | 4 | 13085 | 76 | 286 | 19 | -1 | 13 | 10 | 2 | 32.9 | 2 | **11** |
| 1332768 | 27 | 3 | 83 | 4 | 13486 | 78 | 290 | 19 | -1 | 13 | 12 | 2 | 30.3 | 2 | **14.4** |
| 1332769 | 27 | 3 | 77 | 3 | 10546 | 69 | 293 | 19 | -1 | 14 | 14 | 2 | 35.5 | 2 | **8.9** |
| 1332770 | 19 | 3 | 74 | 3 | 10563 | 68 | 236 | 18 | -1 | 13 | -1 | 6 | 27.7 | 2 | **3.8** |
| 1332771 | 10 | 2 | 243 | 5 | 5682 | 43 | 223 | 14 | -1 | 12 | -1 | 6 | 32.6 | 2 | **5.4** |
| 1332772 | 21 | 4 | 105 | 4 | 14974 | 89 | 292 | 21 | -1 | 14 | 10 | 2 | 50 | 2 | **19.2** |
| 1332773 | 31 | 3 | 95 | 3 | 14456 | 89 | 236 | 21 | -1 | 15 | 24 | 2 | 65 | 2 | **18.3** |
| 1332774 | 49 | 4 | 115 | 4 | 22234 | 121 | 503 | 26 | -1 | 15 | 46 | 3 | 73 | 2 | **9.6** |
| 1332775 | 12 | 3 | 62 | 3 | 15560 | 93 | 439 | 23 | -1 | 15 | 28 | 3 | 66 | 2 | **5.7** |
| 1332802 | 23 | 3 | 69 | 3 | 13535 | 83 | 254 | 21 | -1 | 14 | 16 | 2 | 42.5 | 2 | **17** |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332735 | 1.3 | -1 | 1.9 | 65.7 | 1.2 | 107 | 8 | 278 | 19 | -1 | -18.7 | -1 | 6 | -1 | 8 | -1 |
| 1332736 | 1.2 | -1 | 1.7 | 47.9 | 1 | 86 | 6 | 274 | 19 | -1 | -18.9 | -1 | 6 | -1 | 8 | -1 |
| 1332737 | 1.2 | -1 | 1.7 | 49.6 | 1 | 71 | 5 | 253 | 17 | -1 | 18 | -1 | 6 | -1 | 8 | -1 |
| 1332738 | 1.2 | -1 | 1.6 | 47.4 | 1 | 79 | 6 | 224 | 16 | -1 | -17.7 | -1 | 6 | -1 | 8 | -1 |
| 1332739 | 3.1 | -1 | 1.6 | 38.2 | 0.9 | 66 | 6 | 207 | 17 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1332740 | 1.2 | -1 | 1.7 | 60.9 | 1.1 | 67 | 5 | 226 | 17 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |
| 1332741 | 1.4 | -1 | 1.7 | 144.7 | 1.7 | 133 | 10 | 152 | 11 | -1 | -16.1 | -1 | 6 | -1 | 9 | -1 |
| 1332742 | 1.2 | -1 | 1.6 | 58.1 | 1.1 | 52 | 4 | 176 | 13 | -1 | 16 | -1 | 6 | -1 | 8 | -1 |
| 1332743 | 3.9 | 2 | 0.6 | 74.9 | 1.2 | 59 | 5 | 158 | 12 | -1 | -17 | -1 | 6 | -1 | 9 | -1 |
| 1332744 | 1.1 | -1 | 1.5 | 89.3 | 1.2 | 78 | 7 | 188 | 16 | -1 | 19 | -1 | 7 | -1 | 10 | -1 |
| 1332745 | 1.3 | -1 | 1.8 | 72.8 | 1.2 | 74 | 6 | 300 | 22 | -1 | -21 | -1 | 6 | -1 | 9 | -1 |
| 1332746 | 1.2 | -1 | 1.8 | 54.9 | 1.1 | 88 | 7 | 262 | 19 | -1 | -19 | -1 | 6 | -1 | 8 | -1 |
| 1332747 | 1.2 | -1 | 1.6 | 47.9 | 1 | 73 | 7 | 236 | 20 | -1 | -21.5 | -1 | 7 | -1 | 10 | -1 |
| 1332748 | 1.3 | -1 | 1.7 | 63.7 | 1.1 | 65 | 5 | 306 | 24 | -1 | 21 | -1 | 7 | -1 | 9 | -1 |
| 1332749 | 1.1 | -1 | 1.7 | 61.8 | 1.1 | 79 | 6 | 337 | 25 | -1 | -22.2 | -1 | 7 | -1 | 9 | -1 |
| 1332750 | 1.1 | -1 | 1.6 | 42 | 0.9 | 89 | 9 | 339 | 32 | -1 | -28.4 | -1 | 9 | -1 | 12 | -1 |
| 1332752 | 1.4 | -1 | 1.7 | 60 | 1 | 97 | 9 | 285 | 25 | -1 | -24.3 | -1 | 8 | -1 | 11 | -1 |
| 1332753 | 1.3 | -1 | 1.7 | 82.8 | 1.3 | 86 | 7 | 256 | 19 | -1 | 19 | -1 | 6 | -1 | 9 | -1 |
| 1332754 | 1.3 | -1 | 1.7 | 101.2 | 1.4 | 94 | 8 | 175 | 14 | -1 | -17.8 | -1 | 7 | -1 | 9 | -1 |
| 1332755 | 1.3 | -1 | 1.7 | 69.5 | 1.2 | 72 | 6 | 229 | 19 | -1 | -21 | -1 | 7 | -1 | 10 | -1 |
| 1332756 | 1.3 | -1 | 1.8 | 123.4 | 1.6 | 99 | 8 | 174 | 14 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |
| 1332757 | 1.3 | -1 | 1.7 | 104.6 | 1.5 | 91 | 7 | 168 | 13 | -1 | -17.3 | -1 | 7 | -1 | 9 | -1 |
| 1332758 | 1.2 | -1 | 1.6 | 53.6 | 1 | 65 | 6 | 181 | 15 | -1 | -18.8 | -1 | 7 | -1 | 9 | -1 |
| 1332759 | 1.2 | -1 | 1.7 | 46.4 | 1 | 63 | 5 | 254 | 19 | -1 | 19 | -1 | 7 | -1 | 9 | -1 |
| 1332760 | 1.2 | -1 | 1.7 | 84.6 | 1.3 | 81 | 6 | 196 | 14 | -1 | 17 | -1 | 6 | -1 | 8 | -1 |
| 1332761 | 1.6 | -1 | 1.8 | 78 | 1.3 | 89 | 6 | 175 | 12 | -1 | -15.4 | -1 | 5 | -1 | 7 | -1 |
| 1332762 | 1.3 | -1 | 1.6 | 51.8 | 1 | 82 | 6 | 276 | 20 | -1 | -19.6 | -1 | 6 | -1 | 9 | -1 |
| 1332763 | 1.3 | -1 | 1.7 | 53.7 | 1.1 | 64 | 6 | 214 | 17 | -1 | 19 | -1 | 7 | -1 | 9 | -1 |
| 1332764 | 1.4 | -1 | 1.7 | 69.2 | 1.2 | 112 | 10 | 213 | 18 | -1 | -21.9 | -1 | 8 | -1 | 11 | -1 |
| 1332765 | 1.3 | -1 | 1.7 | 62.7 | 1.1 | 45 | 4 | 159 | 12 | -1 | -16.7 | -1 | 6 | -1 | 9 | -1 |
| 1332766 | 1.2 | -1 | 1.8 | 57.7 | 1.1 | 75 | 6 | 242 | 18 | -1 | -19.4 | -1 | 6 | -1 | 9 | -1 |
| 1332767 | 1.2 | -1 | 1.6 | 52.4 | 1 | 55 | 5 | 175 | 15 | -1 | -19.9 | -1 | 8 | -1 | 11 | -1 |
| 1332768 | 1.2 | -1 | 1.6 | 55.2 | 1 | 49 | 4 | 185 | 15 | -1 | 18 | -1 | 7 | -1 | 10 | -1 |
| 1332769 | 1.2 | -1 | 1.7 | 61.1 | 1.1 | 68 | 6 | 243 | 18 | -1 | -19.7 | -1 | 7 | -1 | 9 | -1 |
| 1332770 | 1.1 | -1 | 1.6 | 46.3 | 1 | 48 | 4 | 188 | 15 | -1 | 17 | -1 | 7 | -1 | 9 | -1 |
| 1332771 | 1 | -1 | 1.6 | 38 | 0.9 | 58 | 6 | 222 | 19 | -1 | -21.5 | -1 | 8 | -1 | 10 | -1 |
| 1332772 | 1.3 | -1 | 1.7 | 45.4 | 1 | 54 | 5 | 180 | 16 | -1 | 20 | -1 | 8 | -1 | 11 | -1 |
| 1332773 | 1.3 | -1 | 1.7 | 63.5 | 1.1 | 81 | 7 | 300 | 23 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1332774 | 1.4 | -1 | 1.7 | 166.3 | 1.8 | 133 | 12 | 264 | 22 | -1 | -22.6 | -1 | 8 | -1 | 10 | -1 |
| 1332775 | 1.3 | -1 | 1.8 | 119.3 | 1.5 | 118 | 9 | 185 | 14 | -1 | -18.6 | -1 | 7 | -1 | 9 | -1 |
| 1332802 | 1.3 | -1 | 1.8 | 60.3 | 1.1 | 63 | 5 | 224 | 17 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332735 | 11 | -1 | 14 | 588 | 16 | -1 | 15 | -1 | 4.1 | 21.9 | 1.6 | Soil | PASS | 88 |
| 1332736 | 12 | -1 | 15 | 145 | 8 | -1 | 14 | -1 | 3.7 | 12.4 | 1.4 | Soil | PASS | 88.04 |
| 1332737 | 12 | -1 | 15 | 208 | 10 | -1 | 14 | -1 | 3.7 | 15.1 | 1.4 | Soil | PASS | 87.86 |
| 1332738 | 12 | -1 | 15 | 188 | 11 | -1 | 14 | -1 | 3.9 | 18.9 | 1.5 | Soil | PASS | 88.14 |
| 1332739 | 14 | -1 | 18 | 218 | 14 | -1 | 13 | -1 | 3.4 | 17 | 1.4 | Soil | PASS | 90.72 |
| 1332740 | 13 | -1 | 17 | 195 | 11 | -1 | 14 | -1 | 3.7 | 16.1 | 1.5 | Soil | PASS | 87.97 |
| 1332741 | 12 | -1 | 15 | 468 | 17 | -1 | 15 | -1 | 4 | 29.7 | 1.7 | Soil | PASS | 87.93 |
| 1332742 | 12 | -1 | 15 | 139 | 10 | -1 | 14 | -1 | 3.7 | 21.6 | 1.5 | Soil | PASS | 88 |
| 1332743 | 12 | -1 | 16 | 192 | 13 | -1 | 14 | -1 | 3.6 | 30.2 | 1.7 | Soil | PASS | 88.35 |
| 1332744 | 14 | -1 | 18 | 214 | 14 | -1 | 13 | -1 | 3.3 | 20.1 | 1.4 | Soil | PASS | 90.57 |
| 1332745 | 12 | -1 | 16 | 473 | 18 | -1 | 16 | -1 | 3.9 | 14.3 | 1.5 | Soil | PASS | 88.24 |
| 1332746 | 12 | -1 | 16 | 355 | 13 | -1 | 15 | -1 | 3.8 | 15 | 1.5 | Soil | PASS | 87.92 |
| 1332747 | 14 | -1 | 18 | 348 | 15 | -1 | 13 | -1 | 3.6 | 13.8 | 1.4 | Soil | PASS | 90.77 |
| 1332748 | 13 | -1 | 17 | 198 | 10 | -1 | 15 | -1 | 3.7 | 20.9 | 1.6 | Soil | PASS | 88.33 |
| 1332749 | 13 | -1 | 17 | 377 | 15 | -1 | 14 | -1 | 3.8 | 12.3 | 1.4 | Soil | PASS | 88.21 |
| 1332750 | 17 | -1 | 23 | 371 | 13 | -1 | 13 | -1 | 3.3 | 21.8 | 1.4 | Soil | PASS | 90.56 |
| 1332752 | 16 | -1 | 21 | 278 | 14 | -1 | 14 | -1 | 3.6 | 32.8 | 1.6 | Soil | PASS | 90.3 |
| 1332753 | 12 | -1 | 15 | 384 | 15 | -1 | 15 | -1 | 3.9 | 19.9 | 1.6 | Soil | PASS | 88.1 |
| 1332754 | 13 | -1 | 17 | 230 | 14 | -1 | 15 | -1 | 4 | 24.3 | 1.6 | Soil | PASS | 88.25 |
| 1332755 | 14 | -1 | 18 | 696 | 21 | -1 | 15 | -1 | 3.8 | 16.1 | 1.5 | Soil | PASS | 90.53 |
| 1332756 | 13 | -1 | 17 | 479 | 18 | -1 | 15 | -1 | 3.9 | 17.5 | 1.6 | Soil | PASS | 88.28 |
| 1332757 | 13 | -1 | 17 | 916 | 34 | -1 | 15 | -1 | 4 | 22.5 | 1.6 | Soil | PASS | 88.27 |
| 1332758 | 13 | -1 | 17 | 422 | 17 | -1 | 13 | -1 | 3.6 | 21.9 | 1.5 | Soil | PASS | 90.56 |
| 1332759 | 13 | -1 | 17 | 291 | 14 | -1 | 14 | -1 | 3.9 | 21.7 | 1.6 | Soil | PASS | 88.18 |
| 1332760 | 11 | -1 | 14 | 351 | 14 | -1 | 14 | -1 | 3.8 | 15.9 | 1.5 | Soil | PASS | 88.04 |
| 1332761 | 11 | -1 | 14 | 516 | 18 | -1 | 16 | -1 | 4.1 | 35.7 | 1.8 | Soil | PASS | 88.11 |
| 1332762 | 12 | -1 | 16 | 367 | 14 | -1 | 15 | -1 | 3.9 | 13.1 | 1.4 | Soil | PASS | 88.08 |
| 1332763 | 13 | -1 | 17 | 220 | 13 | -1 | 14 | -1 | 3.8 | 14.3 | 1.4 | Soil | PASS | 88.45 |
| 1332764 | 16 | -1 | 20 | 230 | 13 | -1 | 15 | -1 | 3.9 | 25.9 | 1.6 | Soil | PASS | 88.31 |
| 1332765 | 13 | -1 | 16 | 148 | 11 | -1 | 14 | -1 | 3.5 | 23.8 | 1.6 | Soil | PASS | 88.38 |
| 1332766 | 12 | -1 | 17 | 222 | 11 | -1 | 15 | -1 | 3.7 | 19.9 | 1.5 | Soil | PASS | 88.33 |
| 1332767 | 15 | -1 | 20 | 173 | 11 | -1 | 13 | -1 | 3.4 | 21 | 1.5 | Soil | PASS | 90.6 |
| 1332768 | 13 | -1 | 17 | 234 | 13 | -1 | 13 | -1 | 3.4 | 18.1 | 1.4 | Soil | PASS | 90.49 |
| 1332769 | 13 | -1 | 17 | 229 | 12 | -1 | 14 | -1 | 3.9 | 16.7 | 1.5 | Soil | PASS | 88.07 |
| 1332770 | 13 | -1 | 17 | 173 | 11 | -1 | 13 | -1 | 3.5 | 15.5 | 1.4 | Soil | PASS | 88.47 |
| 1332771 | 14 | -1 | 19 | 236 | 12 | -1 | 13 | -1 | 3.4 | 11.2 | 1.3 | Soil | PASS | 90.87 |
| 1332772 | 14 | -1 | 19 | 220 | 14 | -1 | 15 | -1 | 3.6 | 21.7 | 1.5 | Soil | PASS | 90.96 |
| 1332773 | 13 | -1 | 17 | 258 | 12 | -1 | 14 | -1 | 4 | 17.7 | 1.5 | Soil | PASS | 87.99 |
| 1332774 | 14 | -1 | 18 | 395 | 17 | -1 | 15 | 4 | 1.3 | 36.1 | 1.8 | Soil | PASS | 90.47 |
| 1332775 | 13 | -1 | 17 | 518 | 19 | -1 | 14 | -1 | 4 | 27.7 | 1.7 | Soil | PASS | 88.28 |
| 1332802 | 13 | -1 | 17 | 178 | 11 | -1 | 15 | -1 | 3.6 | 19.2 | 1.5 | Soil | PASS | 88.21 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332803 | HES | 8 | 569066 | 7025183 | Chocolate Brown | Sand | Damp | Subtle Slope | 30 | C | Pine |
| 1332804 | HES | 8 | 569050 | 7025196 | Chocolate Brown | Sand | Dry | Subtle Slope | 40 | C | Pine |
| 1332805 | HES | 8 | 569034 | 7025209 | Reddish Brown | Gravel | Damp | Flat | 20 | C | Pine |
| 1332806 | HES | 8 | 569020 | 7025222 | Chocolate Brown | Sand | Damp | Flat | 30 | C | Pine |
| 1332807 | HES | 8 | 569000 | 7025230 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1332808 | HES | 8 | 568984 | 7025243 | Dark Blue Black | Clay | Wet | Subtle Slope | 50 | B | Poplar |
| 1332809 | HES | 8 | 568965 | 7025253 | Chocolate Brown | Clay | Wet | Subtle Slope | 40 | B | Pine |
| 1332810 | HES | 8 | 568946 | 7025261 | Reddish Yellow | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1332811 | HES | 8 | 568929 | 7025275 | Light Brown | Sand | Dry | Subtle Slope | 50 | C | Pine |
| 1332812 | HES | 8 | 568911 | 7025287 | Chocolate Brown | Clay | Wet | Subtle Slope | 50 | B | Pine |
| 1332813 | HES | 8 | 568894 | 7025299 | Chocolate Brown | Sand | Dry | Subtle Slope | 60 | C | Pine |
| 1332814 | HES | 8 | 568877 | 7025310 | Chocolate Brown | Sand | Dry | Subtle Slope | 40 | B | Pine |
| 1332815 | HES | 8 | 568861 | 7025324 | Chocolate Brown | Sand | Damp | Subtle Slope | 30 | C | Pine |
| 1332816 | HES | 8 | 568847 | 7025338 | Chocolate Brown | Sand | Damp | Flat | 40 | C | Pine |
| 1332817 | HES | 8 | 568829 | 7025349 | Chocolate Brown | Sand | Dry | Flat | 50 | C | Pine |
| 1332818 | HES | 8 | 568811 | 7025358 | Chocolate Brown | Sand | Damp | Flat | 70 | C | Pine |
| 1332819 | HES | 8 | 568793 | 7025370 | Light Brown | Sand | Damp | Subtle Slope | 50 | C | Pine |
| 1332820 | HES | 8 | 568775 | 7025380 | Reddish Brown | Sand | Dry | Subtle Slope | 60 | C | Pine |
| 1332821 | HES | 8 | 568757 | 7025392 | Reddish Brown | Sand | Dry | Subtle Slope | 50 | C | Pine |
| 1332822 | HES | 8 | 568742 | 7025405 | Reddish Brown | Clay | Wet | Subtle Slope | 40 | B | Pine |
| 1332823 | HES | 8 | 568569 | 7025628 | Chocolate Brown | Sand | Damp | Subtle Slope | 50 | C | Black Spruce |
| 1332824 | HES | 8 | 568625 | 7025604 | Reddish Yellow | Sand | Damp | Subtle Slope | 30 | C | Birch Forest |
| 1332825 | HES | 8 | 568625 | 7025604 | Reddish Yellow | Sand | Damp | Subtle Slope | 30 | C | Birch Forest |
| 1332852 | HES | 8 | 568586 | 7025618 | Dark Brown | Gravel | Wet | Subtle Slope | 40 | C | Black Spruce |
| 1332853 | HES | 8 | 568606 | 7025610 | Chocolate Brown | Sand | Damp | Subtle Slope | 90 | C | Black Spruce |
| 1332854 | HES | 8 | 568643 | 7025596 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Black Spruce |
| 1332855 | HES | 8 | 568662 | 7025591 | Greyish Green | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1332856 | HES | 8 | 567290 | 7025224 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Birch Forest |
| 1332857 | HES | 8 | 567310 | 7025223 | Greyish Green | Sand | Wet | Flat | 40 | B | Birch Forest |
| 1332858 | HES | 8 | 567329 | 7025221 | Greyish Green | Sand | Damp | Subtle Slope | 60 | C | Birch Forest |
| 1332859 | HES | 8 | 567349 | 7025220 | Bluish Grey | Sand | Damp | Subtle Slope | 70 | C | Birch Forest |
| 1332860 | HES | 8 | 567369 | 7025220 | Chocolate Brown | Sand | Damp | Subtle Slope | 60 | C | Birch Forest |
| 1332861 | HES | 8 | 567390 | 7025229 | Chocolate Brown | Sand | Damp | Subtle Slope | 50 | C | Dwarf Birch |
| 1332862 | HES | 8 | 567411 | 7025232 | Chocolate Brown | Sand | Damp | Subtle Slope | 50 | C | Pine |
| 1332863 | HES | 8 | 567429 | 7025222 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | B | Pine |
| 1332864 | HES | 8 | 567448 | 7025215 | Chocolate Brown | Sand | Damp | Subtle Slope | 30 | C | Black Spruce |
| 1332865 | HES | 8 | 567464 | 7025202 | Reddish Brown | Sand | Wet | Subtle Slope | 40 | B | Birch Forest |
| 1332866 | HES | 8 | 567479 | 7025188 | Dark Olivine Green | Sand | Wet | Subtle Slope | 50 | C | Pine |
| 1332867 | HES | 8 | 567494 | 7025175 | Dark Blue Black | Sand | Wet | Pronounced Slope | 40 | B | Pine |
| 1332868 | HES | 8 | 567511 | 7025163 | Chocolate Brown | Sand | Wet | Subtle Slope | 40 | C | Birch Forest |
| 1332869 | HES | 8 | 567528 | 7025150 | Chocolate Brown | Sand | Wet | Subtle Slope | 40 | B | Black Spruce |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1332803 | Needle Cover | Good | | | |
| 1332804 | Needle Cover | Good | | | |
| 1332805 | Reindeer Moss | Good | Rocky Sample | | |
| 1332806 | Needle Cover | Good | | | |
| 1332807 | Needle Cover | Good | Fine | | |
| 1332808 | Needle Cover | Good | | | some grit |
| 1332809 | Bare Soil | Good | Bright Orange Rust | | |
| 1332810 | Leaf Cover | Good | | | |
| 1332811 | Needle Cover | Excellent | | | |
| 1332812 | Thin Moss Cover | Poor | Mud | | looked everywhere .- just soup on top of flat boulders |
| 1332813 | Needle Cover | Excellent | | | |
| 1332814 | Needle Cover | Good | Fine | | |
| 1332815 | Needle Cover | Good | Coarse | | |
| 1332816 | Needle Cover | Good | Coarse | | |
| 1332817 | Leaf Cover | Excellent | Fine | | |
| 1332818 | Needle Cover | Good | Coarse | | |
| 1332819 | Needle Cover | Good | Fine | | |
| 1332820 | Needle Cover | Good | Fine | | |
| 1332821 | Needle Cover | Excellent | Fine | | |
| 1332822 | Bare Soil | Good | Coarse | | |
| 1332823 | Sphagnum Moss > 30cm | Good | Coarse | | no ridge yet. |
| 1332824 | Reindeer Moss | Good | | | |
| 1332825 | Reindeer Moss | Good | | | |
| 1332852 | Sphagnum Moss > 30cm | Good | Dull Red Rust | | |
| 1332853 | Sphagnum Moss > 30cm | Good | Coarse | | ridge hasn't started yet. recky map incorrect |
| 1332854 | Leaf Cover | Good | Coarse | | |
| 1332855 | Reindeer Moss | Good | Coarse | | |
| 1332856 | Sphagnum Moss < 30cm | Good | | | |
| 1332857 | Reindeer Moss | Good | | | |
| 1332858 | Leaf Cover | Good | | | |
| 1332859 | Leaf Cover | Good | Coarse | | |
| 1332860 | Leaf Cover | Excellent | Coarse | | bluish grey @60cm |
| 1332861 | Reindeer Moss | Excellent | Coarse | | |
| 1332862 | Needle Cover | Good | | | |
| 1332863 | Reindeer Moss | Good | | | |
| 1332864 | Needle Cover | Good | | | |
| 1332865 | Needle Cover | Poor | Mud | | no gri t in 15m radius |
| 1332866 | Sphagnum Moss < 30cm | Good | Coarse | | |
| 1332867 | Reindeer Moss | Good | Fine | | |
| 1332868 | Reindeer Moss | Good | Coarse | | |
| 1332869 | Reindeer Moss | Good | Coarse | | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332803 | | 1332803 | -1 | 3808 | 1054 | 227 | 443 | 77 | 1504 | 58 | 2840 | 54 | 963 | 31 |
| 1332804 | | 1332804 | -1 | 3645 | 1167 | 234 | -1 | 213 | 2981 | 74 | 1697 | 45 | 1339 | 36 |
| 1332805 | | 1332805 | -1 | 3426 | 1736 | 229 | -1 | 195 | 840 | 42 | 2486 | 47 | 2470 | 41 |
| 1332806 | | 1332806 | -1 | 3029 | 1472 | 202 | -1 | 173 | 2106 | 55 | 1814 | 40 | 2296 | 37 |
| 1332807 | | 1332807 | -1 | 2681 | 1069 | 169 | -1 | 175 | 1100 | 38 | 2576 | 41 | 6910 | 59 |
| 1332808 | | 1332808 | -1 | 3643 | 1375 | 236 | -1 | 214 | 4489 | 86 | 1315 | 41 | 1874 | 39 |
| 1332809 | | 1332809 | -1 | 5109 | -1 | 908 | -1 | 345 | 3091 | 106 | 1021 | 50 | 1161 | 45 |
| 1332810 | | 1332810 | -1 | 3447 | 2145 | 254 | -1 | 216 | 1037 | 51 | 2429 | 49 | 3257 | 49 |
| 1332811 | | 1332811 | -1 | 3318 | 1344 | 215 | 253 | 69 | 844 | 45 | 1956 | 43 | 2877 | 44 |
| 1332812 | | 1332812 | -1 | 3349 | 1197 | 224 | 321 | 72 | 1468 | 57 | 940 | 36 | 924 | 30 |
| 1332813 | | 1332813 | -1 | 3426 | 1467 | 221 | 322 | 68 | 2719 | 66 | 1961 | 44 | 1166 | 31 |
| 1332814 | | 1332814 | -1 | 3010 | 1459 | 197 | -1 | 169 | 805 | 38 | 2100 | 41 | 2446 | 38 |
| 1332815 | | 1332815 | -1 | 3876 | 1963 | 260 | -1 | 208 | 3055 | 74 | 2811 | 54 | 1717 | 41 |
| 1332816 | | 1332816 | -1 | 3575 | 753 | 205 | -1 | 200 | 3059 | 71 | 1564 | 42 | 2489 | 42 |
| 1332817 | | 1332817 | -1 | 2891 | 1500 | 205 | 276 | 63 | 944 | 42 | 1452 | 37 | 2409 | 38 |
| 1332818 | | 1332818 | -1 | 3472 | 1528 | 229 | -1 | 199 | 1427 | 54 | 1374 | 39 | 2614 | 43 |
| 1332819 | | 1332819 | -1 | 3055 | 1450 | 200 | 229 | 59 | 1622 | 49 | 1834 | 40 | 1176 | 31 |
| 1332820 | | 1332820 | -1 | 3187 | 1640 | 213 | -1 | 170 | 1056 | 44 | 2399 | 45 | 1174 | 31 |
| 1332821 | | 1332821 | -1 | 3281 | 1063 | 207 | -1 | 200 | 948 | 45 | 2428 | 47 | 2879 | 43 |
| 1332822 | | 1332822 | -1 | 3589 | 1004 | 207 | -1 | 222 | 3802 | 71 | 3208 | 51 | 9298 | 79 |
| 1332823 | | 1332823 | -1 | 3545 | 1512 | 235 | 382 | 74 | 2074 | 62 | 2350 | 49 | 1690 | 37 |
| 1332824 | | 1332824 | -1 | 2977 | 1203 | 188 | 230 | 56 | 1782 | 49 | 962 | 32 | 823 | 25 |
| 1332825 | 1332874 | 1332825 | -1 | 3729 | 1894 | 248 | -1 | 209 | 4435 | 83 | 1684 | 43 | 1588 | 37 |
| 1332852 | | 1332852 | -1 | 3476 | 1895 | 235 | 347 | 70 | 1378 | 53 | 3401 | 55 | 1822 | 36 |
| 1332853 | | 1332853 | -1 | 3022 | 1133 | 183 | 194 | 56 | 3849 | 68 | 2220 | 42 | 2014 | 33 |
| 1332854 | | 1332854 | -1 | 3264 | 828 | 191 | -1 | 179 | 2062 | 56 | 479 | 29 | 2009 | 36 |
| 1332855 | | 1332855 | -1 | 3657 | 1495 | 227 | 349 | 71 | 2477 | 63 | 1615 | 41 | 2050 | 39 |
| 1332856 | | 1332856 | -1 | 3167 | 1619 | 209 | -1 | 180 | 1168 | 45 | 1318 | 36 | 2686 | 40 |
| 1332857 | | 1332857 | -1 | 3453 | 910 | 210 | -1 | 196 | 2963 | 71 | 1342 | 40 | 2029 | 38 |
| 1332858 | | 1332858 | -1 | 3759 | 2327 | 251 | -1 | 205 | 3273 | 71 | 3252 | 54 | 3392 | 48 |
| 1332859 | | 1332859 | -1 | 4462 | 2092 | 281 | -1 | 240 | 4167 | 85 | 3982 | 64 | 4486 | 61 |
| 1332860 | | 1332860 | -1 | 4797 | 1522 | 289 | -1 | 265 | 3216 | 88 | 2708 | 60 | 2431 | 50 |
| 1332861 | | 1332861 | -1 | 3346 | 1936 | 217 | 295 | 74 | 2102 | 53 | 4124 | 55 | 10278 | 81 |
| 1332862 | | 1332862 | -1 | 3129 | 1754 | 207 | -1 | 171 | 2313 | 55 | 1568 | 37 | 2090 | 35 |
| 1332863 | | 1332863 | -1 | 4692 | 2067 | 321 | -1 | 283 | 3322 | 95 | 3220 | 67 | 2054 | 49 |
| 1332864 | | 1332864 | -1 | 4969 | -1 | 829 | -1 | 289 | 1710 | 81 | 1865 | 56 | 2065 | 48 |
| 1332865 | | 1332865 | -1 | 4621 | 1392 | 271 | 324 | 89 | 2471 | 76 | 3175 | 61 | 2782 | 52 |
| 1332866 | | 1332866 | -1 | 3874 | 2301 | 252 | -1 | 277 | 3111 | 66 | 6294 | 71 | 19850 | 133 |
| 1332867 | | 1332867 | -1 | 3423 | 1320 | 206 | -1 | 182 | 2426 | 58 | 2761 | 47 | 1613 | 35 |
| 1332868 | | 1332868 | -1 | 3837 | 1915 | 244 | 318 | 73 | 3014 | 70 | 1866 | 44 | 2151 | 41 |
| 1332869 | | 1332869 | -1 | 9941 | -1 | 1670 | -1 | 665 | 5056 | 224 | 2482 | 104 | 1806 | 78 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332803 | 25 | 3 | 98 | 4 | 12839 | 75 | 306 | 19 | -1 | 13 | 12 | 2 | 31.2 | 2 | **15** |
| 1332804 | 25 | 3 | 79 | 4 | 14877 | 85 | 286 | 20 | -1 | 13 | 14 | 2 | 44.9 | 2 | **19.3** |
| 1332805 | 25 | 3 | 82 | 3 | 21700 | 123 | 457 | 26 | -1 | 15 | 20 | 2 | 56 | 2 | **68.3** |
| 1332806 | 32 | 3 | 74 | 3 | 10764 | 69 | 286 | 19 | -1 | 13 | 10 | 2 | 36.7 | 2 | **10.2** |
| 1332807 | -1 | 6 | 53 | 2 | 6443 | 48 | 190 | 14 | -1 | 13 | 8 | 2 | 85 | 2 | **6.9** |
| 1332808 | 30 | 3 | 93 | 4 | 16041 | 96 | 278 | 22 | -1 | 14 | 24 | 2 | 31.7 | 2 | **22.3** |
| 1332809 | 39 | 5 | 89 | 5 | 15152 | 100 | 258 | 24 | -1 | 15 | 28 | 3 | 9.4 | 2 | **187** |
| 1332810 | 29 | 3 | 123 | 4 | 13905 | 81 | 328 | 20 | -1 | 13 | 22 | 2 | 41.6 | 2 | **16.8** |
| 1332811 | 28 | 3 | 70 | 3 | 11637 | 68 | 298 | 18 | -1 | 13 | 18 | 2 | 34.5 | 2 | **12** |
| 1332812 | 14 | 3 | 78 | 3 | 12239 | 73 | 294 | 19 | -1 | 13 | 11 | 2 | 29.9 | 2 | **31.7** |
| 1332813 | 19 | 3 | 136 | 4 | 13307 | 84 | 341 | 21 | -1 | 15 | 26 | 3 | 160 | 3 | **19.5** |
| 1332814 | 29 | 3 | 95 | 3 | 13017 | 81 | 351 | 21 | -1 | 15 | 23 | 2 | 72 | 2 | **14.9** |
| 1332815 | 30 | 4 | 145 | 4 | 18000 | 106 | 279 | 24 | -1 | 15 | 23 | 3 | 41 | 2 | **14.7** |
| 1332816 | 28 | 3 | 84 | 3 | 13246 | 75 | 311 | 19 | -1 | 13 | 24 | 2 | 34.4 | 2 | **23.4** |
| 1332817 | 28 | 3 | 94 | 3 | 13022 | 81 | 310 | 21 | -1 | 15 | 28 | 3 | 59 | 2 | **17.4** |
| 1332818 | 31 | 3 | 75 | 3 | 12780 | 75 | 360 | 19 | -1 | 13 | 22 | 2 | 46 | 2 | **12.3** |
| 1332819 | 27 | 3 | 96 | 3 | 12092 | 76 | 314 | 20 | -1 | 14 | 10 | 2 | 87 | 3 | **27** |
| 1332820 | 25 | 3 | 98 | 3 | 15785 | 95 | 412 | 23 | -1 | 16 | 33 | 3 | 49 | 2 | **16.2** |
| 1332821 | 28 | 3 | 76 | 3 | 13080 | 81 | 322 | 21 | -1 | 14 | 23 | 2 | 35.8 | 2 | **14.4** |
| 1332822 | -1 | 9 | 76 | 3 | 14094 | 86 | 268 | 21 | -1 | 14 | 14 | 2 | 88 | 3 | **8** |
| 1332823 | 27 | 3 | 80 | 3 | 15259 | 86 | 391 | 21 | -1 | 13 | 14 | 2 | 40.6 | 2 | **9.3** |
| 1332824 | 15 | 3 | 80 | 3 | 16392 | 97 | 366 | 23 | -1 | 15 | 18 | 2 | 33.9 | 2 | **14** |
| 1332825 | 32 | 4 | 113 | 4 | 20149 | 116 | 249 | 25 | -1 | 15 | 14 | 2 | 67 | 2 | **16.5** |
| 1332852 | 26 | 3 | 75 | 3 | 10247 | 62 | 246 | 17 | -1 | 12 | 16 | 2 | 41.4 | 2 | **7.9** |
| 1332853 | 25 | 3 | 86 | 3 | 11588 | 74 | 316 | 20 | -1 | 14 | 22 | 2 | 136 | 3 | **14.2** |
| 1332854 | 27 | 3 | 65 | 3 | 15673 | 94 | 400 | 23 | -1 | 14 | 18 | 2 | 39.4 | 2 | **10.3** |
| 1332855 | 37 | 3 | 75 | 3 | 18100 | 108 | 419 | 25 | -1 | 15 | 26 | 3 | 159 | 3 | **12.7** |
| 1332856 | 32 | 3 | 152 | 4 | 13354 | 82 | 364 | 21 | -1 | 14 | 23 | 2 | 49 | 2 | **9.1** |
| 1332857 | 19 | 3 | 88 | 3 | 12924 | 75 | 425 | 19 | -1 | 13 | 14 | 2 | 42.1 | 2 | **5.4** |
| 1332858 | 41 | 3 | 78 | 3 | 19535 | 114 | 471 | 26 | -1 | 16 | 27 | 3 | 54 | 2 | **-1** |
| 1332859 | 46 | 4 | 205 | 5 | 33297 | 185 | 851 | 34 | -1 | 18 | 37 | 3 | 84 | 3 | **7.2** |
| 1332860 | 32 | 4 | 96 | 4 | 18099 | 106 | 325 | 24 | -1 | 14 | 29 | 3 | 37 | 2 | **11.5** |
| 1332861 | -1 | 8 | 58 | 3 | 9538 | 63 | 278 | 18 | -1 | 13 | 21 | 2 | 59 | 2 | **8.5** |
| 1332862 | 29 | 3 | 88 | 3 | 13161 | 82 | 341 | 21 | -1 | 14 | 14 | 2 | 42.6 | 2 | **-1** |
| 1332863 | 33 | 4 | 110 | 5 | 14061 | 90 | 202 | 22 | -1 | 14 | 7 | 2 | 30 | 2 | **10.8** |
| 1332864 | 24 | 4 | 69 | 4 | 12820 | 87 | 377 | 22 | -1 | 15 | 9 | 2 | 16.8 | 2 | **17.5** |
| 1332865 | 24 | 4 | 103 | 4 | 16677 | 95 | 323 | 22 | -1 | 14 | 15 | 2 | 51 | 2 | **36.9** |
| 1332866 | -1 | 9 | 63 | 3 | 10308 | 68 | 228 | 18 | -1 | 13 | 19 | 2 | 72 | 2 | **6.1** |
| 1332867 | 25 | 3 | 130 | 4 | 15320 | 92 | 343 | 22 | -1 | 15 | 20 | 2 | 60 | 2 | **17.7** |
| 1332868 | 36 | 3 | 150 | 4 | 16304 | 98 | 307 | 23 | -1 | 15 | 21 | 2 | 45 | 2 | **24.6** |
| 1332869 | 37 | 7 | 128 | 8 | 14502 | 140 | 192 | 33 | -1 | 24 | -1 | 12 | -1 | 10 | **12** |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332803 | 1.1 | -1 | 1.6 | 60.2 | 1 | 55 | 5 | 204 | 17 | -1 | -20.3 | -1 | 8 | -1 | 10 | -1 |
| 1332804 | 1.2 | -1 | 1.6 | 62.7 | 1.1 | 63 | 6 | 255 | 22 | -1 | 22 | -1 | 8 | -1 | 11 | -1 |
| 1332805 | 1.9 | -1 | 1.8 | 39.2 | 0.9 | 45 | 4 | 123 | 9 | -1 | 14 | -1 | 6 | -1 | 8 | -1 |
| 1332806 | 1.2 | -1 | 1.7 | 63.6 | 1.1 | 71 | 6 | 263 | 20 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1332807 | 1.1 | -1 | 1.6 | 33.9 | 0.9 | 68 | 5 | 245 | 17 | -1 | -18.1 | -1 | 6 | -1 | 8 | -1 |
| 1332808 | 1.4 | -1 | 1.7 | 70.6 | 1.2 | 49 | 4 | 200 | 15 | -1 | 18 | -1 | 6 | -1 | 9 | -1 |
| 1332809 | 3 | -1 | 2.2 | 48.6 | 1.2 | 49 | 6 | 202 | 22 | -1 | 25 | -1 | 9 | -1 | 13 | -1 |
| 1332810 | 1.3 | -1 | 1.6 | 52.9 | 1 | 69 | 6 | 234 | 20 | -1 | 21 | -1 | 8 | -1 | 10 | -1 |
| 1332811 | 1.2 | -1 | 1.7 | 56.6 | 1 | 64 | 6 | 253 | 21 | -1 | 21 | -1 | 8 | -1 | 10 | -1 |
| 1332812 | 1.4 | -1 | 1.6 | 49.7 | 1 | 63 | 6 | 228 | 21 | -1 | -22.5 | -1 | 8 | -1 | 11 | -1 |
| 1332813 | 1.4 | -1 | 1.8 | 69.4 | 1.2 | 59 | 5 | 234 | 17 | -1 | 18 | -1 | 6 | -1 | 9 | -1 |
| 1332814 | 1.2 | -1 | 1.8 | 55.1 | 1.1 | 84 | 7 | 250 | 18 | -1 | -18.9 | -1 | 6 | -1 | 9 | -1 |
| 1332815 | 1.3 | -1 | 1.7 | 64.3 | 1.2 | 76 | 7 | 233 | 19 | -1 | -20.6 | -1 | 7 | -1 | 10 | -1 |
| 1332816 | 1.3 | -1 | 1.6 | 57 | 1 | 55 | 5 | 190 | 16 | -1 | -19.2 | -1 | 7 | -1 | 10 | -1 |
| 1332817 | 1.3 | -1 | 1.7 | 67.6 | 1.2 | 76 | 6 | 253 | 19 | -1 | -19.9 | -1 | 7 | -1 | 9 | -1 |
| 1332818 | 1.2 | -1 | 1.6 | 46.3 | 0.9 | 74 | 7 | 207 | 17 | -1 | -20.7 | -1 | 7 | -1 | 10 | -1 |
| 1332819 | 1.4 | -1 | 1.8 | 57.4 | 1.1 | 94 | 8 | 305 | 23 | -1 | -21.9 | -1 | 7 | -1 | 10 | 15 |
| 1332820 | 1.3 | -1 | 1.8 | 72.4 | 1.2 | 80 | 7 | 261 | 20 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1332821 | 1.3 | -1 | 1.7 | 64.3 | 1.1 | 59 | 5 | 195 | 16 | -1 | -19 | -1 | 7 | -1 | 10 | -1 |
| 1332822 | 1.3 | -1 | 1.7 | 48.4 | 1 | 45 | 4 | 189 | 13 | -1 | -16.5 | -1 | 6 | -1 | 8 | -1 |
| 1332823 | 1.2 | -1 | 1.6 | 89.6 | 1.2 | 78 | 6 | 151 | 12 | -1 | 16 | -1 | 6 | -1 | 8 | -1 |
| 1332824 | 1.3 | -1 | 1.6 | 59 | 1.1 | 78 | 7 | 230 | 18 | -1 | -20 | -1 | 8 | -1 | 10 | -1 |
| 1332825 | 1.3 | -1 | 1.7 | 51.5 | 1.1 | 67 | 6 | 209 | 16 | -1 | 18 | -1 | 7 | -1 | 10 | -1 |
| 1332852 | 1.1 | -1 | 1.5 | 58.9 | 1 | 76 | 7 | 145 | 12 | -1 | -17.3 | -1 | 7 | -1 | 9 | -1 |
| 1332853 | 1.4 | -1 | 1.7 | 64.6 | 1.1 | 134 | 10 | 192 | 14 | -1 | -17.9 | -1 | 7 | -1 | 9 | -1 |
| 1332854 | 1.2 | -1 | 1.7 | 86.9 | 1.3 | 64 | 5 | 219 | 16 | -1 | 17 | -1 | 6 | -1 | 8 | -1 |
| 1332855 | 1.4 | -1 | 1.8 | 172.5 | 1.9 | 96 | 7 | 155 | 12 | -1 | 16 | -1 | 6 | -1 | 8 | -1 |
| 1332856 | 1.3 | -1 | 1.6 | 90.4 | 1.3 | 82 | 7 | 188 | 15 | -1 | -18.7 | -1 | 7 | -1 | 10 | -1 |
| 1332857 | 1.1 | -1 | 1.6 | 93.1 | 1.3 | 65 | 6 | 151 | 12 | -1 | -17.2 | -1 | 7 | -1 | 9 | -1 |
| 1332858 | 3.8 | -1 | 1.8 | 149.9 | 1.8 | 111 | 9 | 167 | 13 | -1 | -18.3 | -1 | 7 | -1 | 10 | -1 |
| 1332859 | 1.4 | -1 | 1.9 | 156 | 1.8 | 106 | 9 | 186 | 15 | -1 | -19.1 | -1 | 7 | -1 | 9 | -1 |
| 1332860 | 1.4 | -1 | 1.8 | 99.6 | 1.4 | 74 | 8 | 186 | 18 | -1 | 22 | -1 | 9 | -1 | 12 | -1 |
| 1332861 | 1.3 | -1 | 1.7 | 81.8 | 1.3 | 76 | 7 | 221 | 18 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1332862 | 3.4 | -1 | 1.6 | 84.7 | 1.3 | 82 | 6 | 270 | 20 | -1 | -19.5 | -1 | 7 | -1 | 9 | -1 |
| 1332863 | 1.2 | -1 | 1.7 | 50.3 | 1.1 | 53 | 6 | 169 | 17 | -1 | -22.7 | -1 | 9 | -1 | 12 | -1 |
| 1332864 | 1.4 | -1 | 1.8 | 75.9 | 1.4 | 50 | 6 | 169 | 17 | -1 | 21 | -1 | 8 | -1 | 12 | -1 |
| 1332865 | 1.5 | -1 | 1.7 | 71.2 | 1.2 | 63 | 6 | 190 | 16 | -1 | -20.3 | -1 | 7 | -1 | 10 | -1 |
| 1332866 | 1.2 | -1 | 1.7 | 63.8 | 1.1 | 83 | 7 | 237 | 19 | -1 | -20.8 | -1 | 7 | -1 | 10 | -1 |
| 1332867 | 1.3 | -1 | 1.7 | 64.9 | 1.1 | 76 | 6 | 230 | 16 | -1 | -18 | -1 | 6 | -1 | 8 | -1 |
| 1332868 | 1.7 | -1 | 1.8 | 63.4 | 1.1 | 59 | 5 | 210 | 16 | -1 | 19 | -1 | 7 | -1 | 9 | -1 |
| 1332869 | 2 | -1 | 2.5 | 48.6 | 1.8 | 46 | 8 | 130 | 20 | -1 | -32.2 | -1 | 13 | -1 | 17 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332803 | 14 | -1 | 19 | 196 | 12 | -1 | 14 | -1 | 3.5 | 11.2 | 1.3 | Soil | PASS | 90.58 |
| 1332804 | 15 | -1 | 20 | 234 | 13 | -1 | 14 | -1 | 3.6 | 14.2 | 1.4 | Soil | PASS | 90.48 |
| 1332805 | 11 | -1 | 15 | 231 | 14 | -1 | 17 | -1 | 4 | 27.9 | 1.7 | Soil | PASS | 88.16 |
| 1332806 | 14 | -1 | 18 | 243 | 13 | -1 | 15 | -1 | 3.6 | 17.4 | 1.5 | Soil | PASS | 88.17 |
| 1332807 | 12 | -1 | 16 | 495 | 16 | -1 | 14 | -1 | 3.5 | 13.1 | 1.4 | Soil | PASS | 88.11 |
| 1332808 | 12 | -1 | 16 | 245 | 14 | -1 | 15 | -1 | 3.7 | 24.6 | 1.6 | Soil | PASS | 88.42 |
| 1332809 | 19 | -1 | 25 | 253 | 18 | -1 | 25 | -1 | 4.2 | 22.9 | 1.8 | Soil | PASS | 91.52 |
| 1332810 | 14 | -1 | 18 | 288 | 16 | -1 | 14 | -1 | 3.4 | 21.4 | 1.5 | Soil | PASS | 90.6 |
| 1332811 | 14 | -1 | 19 | 256 | 14 | -1 | 14 | -1 | 3.6 | 19.4 | 1.4 | Soil | PASS | 90.46 |
| 1332812 | 16 | -1 | 21 | 178 | 12 | -1 | 15 | -1 | 3.2 | 18.8 | 1.4 | Soil | PASS | 90.64 |
| 1332813 | 12 | -1 | 16 | 200 | 12 | -1 | 15 | -1 | 3.9 | 18.3 | 1.5 | Soil | PASS | 88.3 |
| 1332814 | 12 | -1 | 16 | 273 | 13 | -1 | 15 | -1 | 4 | 15.3 | 1.5 | Soil | PASS | 88.1 |
| 1332815 | 13 | -1 | 18 | 370 | 15 | -1 | 14 | -1 | 3.9 | 18 | 1.5 | Soil | PASS | 88.37 |
| 1332816 | 14 | -1 | 18 | 287 | 14 | -1 | 14 | -1 | 3.4 | 20.7 | 1.4 | Soil | PASS | 90.31 |
| 1332817 | 13 | -1 | 17 | 255 | 13 | -1 | 15 | -1 | 3.8 | 22.2 | 1.6 | Soil | PASS | 88.26 |
| 1332818 | 14 | -1 | 18 | 233 | 14 | -1 | 14 | -1 | 3.5 | 21.1 | 1.5 | Soil | PASS | 90.65 |
| 1332819 | 5 | -1 | 18 | 315 | 12 | -1 | 15 | -1 | 3.8 | 18.4 | 1.5 | Soil | PASS | 88.18 |
| 1332820 | 13 | -1 | 17 | 301 | 12 | -1 | 15 | -1 | 3.7 | 20.8 | 1.6 | Soil | PASS | 88.17 |
| 1332821 | 14 | -1 | 18 | 228 | 14 | -1 | 15 | -1 | 3.8 | 22.1 | 1.6 | Soil | PASS | 88.28 |
| 1332822 | 11 | -1 | 14 | 685 | 22 | -1 | 14 | -1 | 3.5 | 29.1 | 1.7 | Soil | PASS | 88.09 |
| 1332823 | 11 | -1 | 15 | 231 | 13 | -1 | 13 | -1 | 3.5 | 21.6 | 1.5 | Soil | PASS | 90.49 |
| 1332824 | 14 | -1 | 19 | 152 | 10 | -1 | 14 | -1 | 3.8 | 18.8 | 1.5 | Soil | PASS | 88.14 |
| 1332825 | 13 | -1 | 17 | 279 | 14 | -1 | 14 | -1 | 3.9 | 15.7 | 1.5 | Soil | PASS | 88.11 |
| 1332852 | 13 | -1 | 17 | 198 | 12 | -1 | 13 | -1 | 3.4 | 17.4 | 1.4 | Soil | PASS | 90.52 |
| 1332853 | 13 | -1 | 17 | 222 | 11 | -1 | 14 | -1 | 3.7 | 26.2 | 1.6 | Soil | PASS | 87.92 |
| 1332854 | 11 | -1 | 15 | 203 | 13 | -1 | 14 | -1 | 3.6 | 13.4 | 1.5 | Soil | PASS | 88.25 |
| 1332855 | 11 | -1 | 15 | 264 | 14 | -1 | 15 | -1 | 4.2 | 30.3 | 1.8 | Soil | PASS | 88.26 |
| 1332856 | 13 | -1 | 18 | 219 | 13 | -1 | 14 | -1 | 3.7 | 22.8 | 1.6 | Soil | PASS | 88.23 |
| 1332857 | 13 | -1 | 17 | 206 | 13 | -1 | 13 | -1 | 3.4 | 19 | 1.4 | Soil | PASS | 90.47 |
| 1332858 | 14 | -1 | 18 | 299 | 16 | -1 | 14 | 4.3 | 1.4 | 23.3 | 1.7 | Soil | PASS | 88.21 |
| 1332859 | 13 | -1 | 16 | 419 | 20 | -1 | 15 | -1 | 4.1 | 24.9 | 1.8 | Soil | PASS | 88.3 |
| 1332860 | 17 | -1 | 22 | 278 | 17 | -1 | 15 | -1 | 3.8 | 27.3 | 1.7 | Soil | PASS | 91.07 |
| 1332861 | 14 | -1 | 18 | 677 | 21 | -1 | 14 | -1 | 3.7 | 26.9 | 1.6 | Soil | PASS | 88.36 |
| 1332862 | 13 | -1 | 17 | 238 | 12 | -1 | 14 | -1 | 3.9 | 17.3 | 1.5 | Soil | PASS | 87.99 |
| 1332863 | 16 | -1 | 21 | 314 | 18 | -1 | 14 | -1 | 3.6 | 8.7 | 1.4 | Soil | PASS | 91.35 |
| 1332864 | 16 | -1 | 20 | 177 | 16 | -1 | 15 | -1 | 4.2 | 12.7 | 1.6 | Soil | PASS | 91.34 |
| 1332865 | 14 | -1 | 18 | 408 | 18 | -1 | 15 | -1 | 3.8 | 22.7 | 1.5 | Soil | PASS | 90.73 |
| 1332866 | 13 | -1 | 18 | 1138 | 29 | -1 | 14 | -1 | 3.9 | 17.5 | 1.5 | Soil | PASS | 88.21 |
| 1332867 | 11 | -1 | 15 | 349 | 13 | -1 | 15 | -1 | 3.8 | 19.7 | 1.5 | Soil | PASS | 87.98 |
| 1332868 | 13 | -1 | 17 | 311 | 15 | -1 | 15 | -1 | 4 | 48.4 | 2 | Soil | PASS | 88.25 |
| 1332869 | 25 | -1 | 32 | 277 | 28 | -1 | 22 | -1 | 6 | 18 | 3 | Soil | PASS | 92.17 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332870 | HES | 8 | 567544 | 7025137 | Chocolate Brown | Sand | Damp | Flat | 40 | C | Pine |
| 1332871 | HES | 8 | 567560 | 7025124 | Light Brown | Sand | Damp | Flat | 70 | B | Poplar |
| 1332872 | HES | 8 | 567577 | 7025115 | Light Brown | Sand | Dry | Flat | 70 | C | Poplar |
| 1332873 | HES | 8 | 567592 | 7025102 | Light Brown | Sand | Damp | Flat | 70 | C | Birch Forest |
| 1332874 | HES | 8 | 567937 | 7025080 | Reddish Brown | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1332875 | HES | 8 | 567937 | 7025080 | Reddish Brown | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1332926 | HES | 8 | 567537 | 7025205 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1332927 | HES | 8 | 567555 | 7025198 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1332928 | HES | 8 | 567574 | 7025188 | Greyish Green | Sand | Damp | Subtle Slope | 30 | C | Pine |
| 1332929 | HES | 8 | 567594 | 7025184 | Reddish Brown | Clay | Wet | Flat | 30 | B | Pine |
| 1332930 | HES | 8 | 567613 | 7025177 | Chocolate Brown | Clay | Wet | Subtle Slope | 40 | B | Pine |
| 1332931 | HES | 8 | 567632 | 7025173 | Chocolate Brown | Clay | Wet | Subtle Slope | 30 | B | Black Spruce |
| 1332932 | HES | 8 | 567652 | 7025171 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Black Spruce |
| 1332933 | HES | 8 | 567671 | 7025168 | Chocolate Brown | Sand | Damp | Flat | 60 | C | Poplar |
| 1332934 | HES | 8 | 567691 | 7025165 | Chocolate Brown | Sand | Damp | Flat | 40 | C | Poplar |
| 1332935 | HES | 8 | 567711 | 7025161 | Chocolate Brown | Sand | Wet | Subtle Slope | 40 | B | White Spruce |
| 1332936 | HES | 8 | 567731 | 7025155 | Grey | Clay | Damp | Subtle Slope | 30 | B | Poplar |
| 1332937 | HES | 8 | 567750 | 7025147 | Chocolate Brown | Gravel | Damp | Subtle Slope | 60 | C | Birch Forest |
| 1332938 | HES | 8 | 567789 | 7025139 | Chocolate Brown | Sand | Damp | Pronounced Slope | 70 | C | Birch Forest |
| 1332939 | HES | 8 | 567808 | 7025137 | Reddish Yellow | Sand | Damp | Subtle Slope | 70 | C | Poplar |
| 1332940 | HES | 8 | 567827 | 7025130 | Chocolate Brown | Sand | Damp | Subtle Slope | 60 | C | Poplar |
| 1332941 | HES | 8 | 567843 | 7025120 | Greyish Green | Sand | Damp | Subtle Slope | 100 | C | Black Spruce |
| 1332942 | HES | 8 | 567861 | 7025109 | Chocolate Brown | Sand | Damp | Flat | 40 | C | Poplar |
| 1332943 | HES | 8 | 567877 | 7025096 | Bluish Grey | Sand | Damp | Subtle Slope | 70 | C | Black Spruce |
| 1332944 | HES | 8 | 567897 | 7025090 | Reddish Brown | Sand | Damp | Subtle Slope | 40 | C | Black Spruce |
| 1332945 | HES | 8 | 567917 | 7025087 | Reddish Brown | Sand | Wet | Pronounced Slope | 40 | B | Black Spruce |
| 1332946 | HES | 8 | 567433 | 7025271 | Chocolate Brown | Clay | Wet | Subtle Slope | 40 | B | Poplar |
| 1332947 | HES | 8 | 567413 | 7025264 | Chocolate Brown | Sand | Damp | Subtle Slope | 50 | B | Poplar |
| 1332948 | HES | 8 | 567394 | 7025269 | Chocolate Brown | Sand | Damp | Subtle Slope | 30 | C | Birch Forest |
| 1332949 | HES | 8 | 567373 | 7025271 | Chocolate Brown | Sand | Damp | Subtle Slope | 70 | C | Birch Forest |
| 1332950 | HES | 8 | 567353 | 7025274 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Birch Forest |
| 1334276 | HES | 8 | 569844 | 7025578 | Chocolate Brown | Clay | Dry | Flat | 60 | B | Birch Forest |
| 1334277 | HES | 8 | 570084 | 7025847 | Chocolate Brown | Sand | Dry | Flat | 60 | C | Black Spruce |
| 1334278 | HES | 8 | 570111 | 7025835 | Chocolate Brown | Sand | Dry | Flat | 30 | C | Black Spruce |
| 1334279 | HES | 8 | 570119 | 7025816 | Chocolate Brown | Sand | Dry | Flat | 30 | C | Black Spruce |
| 1334280 | HES | 8 | 570120 | 7025795 | Chocolate Brown | Clay | Damp | Subtle Slope | 30 | B | Birch Forest |
| 1334281 | HES | 8 | 570124 | 7025775 | Chocolate Brown | Sand | Dry | Flat | 40 | C | Birch Forest |
| 1334282 | HES | 8 | 570136 | 7025758 | Grey | Sand | Dry | Flat | 30 | C | Birch Forest |
| 1334283 | HES | 8 | 570143 | 7025740 | Chocolate Brown | Silt | Dry | Flat | 30 | B | Birch Forest |
| 1334284 | HES | 8 | 570160 | 7025729 | Chocolate Brown | Clay | Dry | Flat | 30 | B | Black Spruce |
| 1334285 | HES | 8 | 570215 | 7025611 | Chocolate Brown | Silt | Damp | Subtle Slope | 70 | B | Black Spruce |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1332870 | Reindeer Moss | Excellent | Coarse | | |
| 1332871 | Leaf Cover | Good | Fine | Quartz Chips | |
| 1332872 | Leaf Cover | Good | Fine | | |
| 1332873 | Leaf Cover | Good | Fine | Quartz Chips | |
| 1332874 | Leaf Cover | Good | Coarse | | |
| 1332875 | Leaf Cover | Good | Coarse | | |
| 1332926 | Needle Cover | Good | | | |
| 1332927 | Needle Cover | Excellent | Coarse | | |
| 1332928 | Reindeer Moss | Good | Coarse | | |
| 1332929 | Reindeer Moss | Poor | | | exposed quartz nearby |
| 1332930 | Bare Soil | Poor | | | |
| 1332931 | Leaf Cover | Good | | | |
| 1332932 | Thin Moss Cover | Excellent | Coarse | Bright Orange Rust | |
| 1332933 | Sphagnum Moss < 30cm | Good | Fine | | |
| 1332934 | Sphagnum Moss < 30cm | Good | Coarse | Quartz Chips | |
| 1332935 | Sphagnum Moss < 30cm | Good | Clay | | |
| 1332936 | Thin Moss Cover | Poor | Mud | | |
| 1332937 | Leaf Cover | Good | Rocky Sample | | |
| 1332938 | Leaf Cover | Good | Coarse | Possible Creek Contamination | just out of creek/gulley |
| 1332939 | Reindeer Moss | Excellent | Fine | | recess between two ridges |
| 1332940 | Reindeer Moss | Excellent | Fine | | |
| 1332941 | Sphagnum Moss < 30cm | Good | Fine | | huge colour changes |
| 1332942 | Leaf Cover | Good | Coarse | | |
| 1332943 | Sphagnum Moss < 30cm | Good | Fine | | soapy texture |
| 1332944 | Bare Soil | Good | Coarse | | |
| 1332945 | Reindeer Moss | Poor | Mud | Rocky Sample | |
| 1332946 | Reindeer Moss | Poor | Fine | | no grit |
| 1332947 | Sphagnum Moss < 30cm | Good | Fine | | |
| 1332948 | Reindeer Moss | Good | Coarse | | |
| 1332949 | Leaf Cover | Good | Fine | Bright Orange Rust | |
| 1332950 | Leaf Cover | Good | Coarse | | |
| 1334276 | Leaf Cover | Good | Rocky Terrain | | |
| 1334277 | Thin Moss Cover | Good | Rocky | | |
| 1334278 | Leaf Cover | Good | Rocky | | |
| 1334279 | Leaf Cover | Good | Rocky | | |
| 1334280 | Thin Moss Cover | Good | Rocky Terrain | | |
| 1334281 | Leaf Cover | Good | Rocky Sample | | |
| 1334282 | Leaf Cover | Good | Rocky Terrain | | |
| 1334283 | Leaf Cover | Good | Rocky Terrain | | |
| 1334284 | Thin Moss Cover | Good | Organic 10% | Rocky Terrain | |
| 1334285 | Reindeer Moss | Good | Organic 10% | Rocky | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332870 | | 1332870 | -1 | 3308 | 2052 | 229 | -1 | 176 | 1890 | 55 | 3094 | 51 | 2037 | 37 |
| 1332871 | | 1332871 | -1 | 3796 | 1852 | 255 | -1 | 213 | 3530 | 80 | 3432 | 59 | 1547 | 36 |
| 1332872 | | 1332872 | -1 | 4116 | 2621 | 273 | -1 | 208 | 5399 | 93 | 4151 | 63 | 1753 | 39 |
| 1332873 | | 1332873 | -1 | 3731 | 2071 | 245 | -1 | 203 | 2691 | 66 | 3360 | 55 | 1862 | 38 |
| 1332874 | | 1332874 | -1 | 2851 | 1097 | 180 | -1 | 159 | 1070 | 41 | 1496 | 36 | 1673 | 31 |
| 1332875 | 1332874 | 1332875 | -1 | 3497 | 2181 | 238 | -1 | 185 | 1689 | 53 | 3233 | 52 | 2300 | 40 |
| 1332926 | | 1332926 | -1 | 3240 | 1862 | 220 | -1 | 183 | 2732 | 61 | 1821 | 41 | 2193 | 39 |
| 1332927 | | 1332927 | -1 | 3869 | 2388 | 264 | 248 | 74 | 2754 | 70 | 4522 | 65 | 2001 | 39 |
| 1332928 | | 1332928 | -1 | 5024 | 1946 | 320 | -1 | 283 | 6186 | 115 | 3577 | 68 | 2094 | 51 |
| 1332929 | | 1332929 | -1 | 2636 | 951 | 163 | -1 | 150 | 1390 | 41 | 1219 | 32 | 2156 | 32 |
| 1332930 | | 1332930 | -1 | 3218 | 1655 | 219 | -1 | 188 | 1803 | 53 | 1665 | 40 | 2976 | 43 |
| 1332931 | | 1332931 | -1 | 3023 | 1826 | 215 | -1 | 174 | 2089 | 55 | 1794 | 40 | 1374 | 32 |
| 1332932 | | 1332932 | -1 | 3967 | 2681 | 279 | -1 | 216 | 2961 | 72 | 4010 | 62 | 2909 | 47 |
| 1332933 | | 1332933 | -1 | 2900 | 1781 | 196 | 317 | 58 | 1572 | 45 | 2070 | 39 | 2373 | 36 |
| 1332934 | | 1332934 | -1 | 3655 | 2968 | 247 | 330 | 63 | 2252 | 56 | 5235 | 63 | 1323 | 31 |
| 1332935 | | 1332935 | -1 | 3626 | 1874 | 243 | 234 | 72 | 1925 | 59 | 1341 | 39 | 2969 | 47 |
| 1332936 | | 1332936 | -1 | 2605 | 2318 | 208 | -1 | 163 | 1703 | 49 | 1548 | 36 | 2143 | 34 |
| 1332937 | | 1332937 | -1 | 3543 | 1921 | 233 | 231 | 67 | 3314 | 72 | 2777 | 50 | 1707 | 36 |
| 1332938 | | 1332938 | -1 | 4117 | 2647 | 269 | 328 | 76 | 4028 | 80 | 4726 | 66 | 2725 | 44 |
| 1332939 | | 1332939 | -1 | 4218 | 2144 | 280 | -1 | 231 | 2670 | 74 | 3445 | 61 | 3768 | 56 |
| 1332940 | | 1332940 | -1 | 3393 | 1931 | 244 | -1 | 192 | 2716 | 68 | 2739 | 52 | 2335 | 42 |
| 1332941 | | 1332941 | -1 | 4137 | 2500 | 283 | -1 | 228 | 4836 | 93 | 4442 | 68 | 2949 | 49 |
| 1332942 | | 1332942 | -1 | 4317 | 2939 | 290 | -1 | 227 | 3345 | 76 | 4740 | 68 | 1602 | 39 |
| 1332943 | | 1332943 | -1 | 4336 | 1445 | 268 | -1 | 249 | 11185 | 144 | 2983 | 61 | 2645 | 50 |
| 1332944 | | 1332944 | -1 | 3526 | 1299 | 220 | 252 | 69 | 1891 | 56 | 3170 | 52 | 2459 | 41 |
| 1332945 | | 1332945 | -1 | 4061 | 1372 | 247 | -1 | 217 | 2434 | 67 | 1447 | 42 | 1658 | 42 |
| 1332946 | | 1332946 | -1 | 4514 | -1 | 842 | -1 | 279 | 2170 | 84 | 1011 | 45 | 1047 | 43 |
| 1332947 | | 1332947 | -1 | 3561 | 1317 | 211 | 218 | 63 | 2180 | 57 | 2599 | 47 | 982 | 32 |
| 1332948 | | 1332948 | -1 | 4071 | 1586 | 252 | -1 | 218 | 1464 | 55 | 4455 | 65 | 1717 | 39 |
| 1332949 | | 1332949 | -1 | 3149 | 1306 | 183 | 246 | 54 | 1486 | 44 | 3479 | 49 | 1254 | 28 |
| 1332950 | | 1332950 | -1 | 3452 | 1697 | 215 | 530 | 67 | 2099 | 56 | 3250 | 51 | 966 | 28 |
| 1334276 | | 1334276 | -1 | 4156 | 1279 | 235 | -1 | 270 | 2586 | 63 | 7096 | 77 | 18724 | 129 |
| 1334277 | | 1334277 | -1 | 3099 | 1656 | 214 | 536 | 70 | 1109 | 47 | 2209 | 44 | 2201 | 37 |
| 1334278 | | 1334278 | -1 | 3943 | 1768 | 243 | -1 | 202 | 2336 | 66 | 3908 | 61 | 1184 | 34 |
| 1334279 | | 1334279 | -1 | 3328 | 895 | 198 | 670 | 73 | 2132 | 60 | 2067 | 45 | 714 | 27 |
| 1334280 | | 1334280 | -1 | 3860 | 1569 | 244 | -1 | 221 | 3502 | 75 | 1360 | 41 | 1857 | 43 |
| 1334281 | | 1334281 | -1 | 4651 | 2115 | 301 | 654 | 99 | 3132 | 84 | 2165 | 54 | 3131 | 54 |
| 1334282 | | 1334282 | -1 | 5095 | 2189 | 308 | -1 | 290 | 5989 | 105 | 6416 | 84 | 9622 | 95 |
| 1334283 | | 1334283 | -1 | 3951 | 1241 | 227 | 212 | 70 | 2851 | 68 | 2968 | 52 | 1632 | 40 |
| 1334284 | | 1334284 | -1 | 4148 | 1716 | 273 | -1 | 259 | 3377 | 79 | 2764 | 55 | 5911 | 72 |
| 1334285 | | 1334285 | -1 | 3575 | 1637 | 228 | 371 | 72 | 8226 | 106 | 2328 | 47 | 3526 | 48 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332870 | 25 | 3 | 127 | 4 | 14338 | 88 | 305 | 21 | -1 | 15 | 21 | 2 | 54 | 2 | **18.4** |
| 1332871 | 29 | 3 | 124 | 4 | 14014 | 81 | 271 | 20 | -1 | 13 | 8 | 2 | 49 | 2 | **14.3** |
| 1332872 | 34 | 4 | 158 | 4 | 17527 | 103 | 325 | 24 | -1 | 15 | 18 | 2 | 49 | 2 | **19** |
| 1332873 | 34 | 3 | 180 | 4 | 15572 | 94 | 331 | 22 | -1 | 14 | 20 | 2 | 52 | 2 | **19.6** |
| 1332874 | 19 | 2 | 78 | 3 | 13066 | 80 | 404 | 21 | -1 | 14 | 10 | 2 | 53 | 2 | **9.4** |
| 1332875 | 30 | 3 | 168 | 4 | 16821 | 100 | 411 | 23 | -1 | 15 | 18 | 2 | 77 | 2 | **21.7** |
| 1332926 | 38 | 3 | 137 | 4 | 16078 | 96 | 353 | 23 | -1 | 15 | 26 | 3 | 57 | 2 | **15.6** |
| 1332927 | 32 | 3 | 124 | 4 | 14907 | 84 | 339 | 20 | -1 | 14 | 17 | 2 | 40.7 | 2 | **16** |
| 1332928 | 52 | 5 | 128 | 5 | 39196 | 202 | 825 | 35 | -1 | 17 | 25 | 3 | 75 | 3 | **5.6** |
| 1332929 | 24 | 2 | 70 | 3 | 11109 | 72 | 295 | 19 | -1 | 14 | 16 | 2 | 42.8 | 2 | **12.8** |
| 1332930 | 31 | 3 | 99 | 3 | 15473 | 94 | 405 | 23 | -1 | 16 | 39 | 3 | 64 | 2 | **22.1** |
| 1332931 | 32 | 3 | 116 | 3 | 13967 | 86 | 257 | 21 | -1 | 14 | 8 | 2 | 61 | 2 | **6.6** |
| 1332932 | 33 | 4 | 182 | 5 | 24064 | 126 | 450 | 26 | -1 | 15 | 30 | 2 | 77 | 2 | **32.2** |
| 1332933 | 25 | 3 | 104 | 3 | 12206 | 77 | 374 | 20 | -1 | 15 | 24 | 2 | 54 | 2 | **12.9** |
| 1332934 | 27 | 3 | 127 | 3 | 17634 | 104 | 402 | 24 | -1 | 15 | 18 | 2 | 51 | 2 | **33.8** |
| 1332935 | 34 | 3 | 79 | 3 | 20305 | 109 | 628 | 25 | -1 | 14 | 29 | 2 | 54 | 2 | **16** |
| 1332936 | 23 | 2 | 55 | 2 | 3948 | 34 | 57 | 11 | -1 | 11 | 7 | 2 | 16.9 | 2 | **-1** |
| 1332937 | 32 | 3 | 77 | 3 | 11068 | 72 | 246 | 19 | -1 | 13 | 7 | 2 | 38 | 2 | **4** |
| 1332938 | 41 | 4 | 102 | 4 | 23355 | 123 | 525 | 26 | -1 | 15 | 26 | 2 | 64 | 2 | **-1** |
| 1332939 | 39 | 4 | 120 | 4 | 19589 | 107 | 369 | 23 | -1 | 14 | 36 | 3 | 45 | 2 | **13.8** |
| 1332940 | 37 | 3 | 122 | 4 | 14254 | 80 | 337 | 20 | -1 | 13 | 24 | 2 | 47.7 | 2 | **11.9** |
| 1332941 | 34 | 4 | 125 | 4 | 19149 | 105 | 447 | 24 | -1 | 14 | 15 | 2 | 49 | 2 | **11.2** |
| 1332942 | 45 | 4 | 178 | 5 | 23697 | 135 | 514 | 28 | -1 | 16 | 25 | 3 | 64 | 2 | **84** |
| 1332943 | 73 | 4 | 136 | 4 | 20127 | 109 | 366 | 24 | -1 | 15 | 19 | 2 | 52 | 2 | **14.7** |
| 1332944 | 28 | 3 | 91 | 3 | 19751 | 115 | 457 | 26 | -1 | 15 | 20 | 2 | 49 | 2 | **6.4** |
| 1332945 | 35 | 4 | 200 | 5 | 23769 | 135 | 396 | 28 | -1 | 16 | 25 | 3 | 59 | 2 | **8.2** |
| 1332946 | 33 | 4 | 185 | 5 | 13190 | 83 | 206 | 20 | -1 | 14 | -1 | 7 | 37 | 2 | **10.5** |
| 1332947 | 38 | 3 | 240 | 5 | 16989 | 101 | 322 | 23 | -1 | 15 | 14 | 2 | 62 | 2 | **14.7** |
| 1332948 | 27 | 4 | 271 | 5 | 32654 | 180 | 922 | 34 | -1 | 17 | 19 | 2 | 91 | 3 | **-1** |
| 1332949 | 22 | 2 | 239 | 4 | 11322 | 73 | 323 | 19 | -1 | 15 | 30 | 3 | 65 | 2 | **7.6** |
| 1332950 | 32 | 3 | 211 | 4 | 16210 | 96 | 453 | 23 | -1 | 14 | 13 | 2 | 59 | 2 | **6** |
| 1334276 | -1 | 10 | 103 | 3 | 12098 | 77 | 243 | 20 | -1 | 14 | 13 | 2 | 50 | 2 | **13.4** |
| 1334277 | 25 | 3 | 81 | 3 | 7873 | 55 | 181 | 16 | -1 | 13 | 15 | 2 | 28.7 | 2 | **7.1** |
| 1334278 | 23 | 3 | 124 | 4 | 12409 | 72 | 261 | 18 | -1 | 13 | 11 | 2 | 36.1 | 2 | **6.9** |
| 1334279 | 23 | 3 | 100 | 3 | 8656 | 54 | 253 | 16 | -1 | 12 | 12 | 2 | 33.8 | 2 | **6.1** |
| 1334280 | 52 | 4 | 140 | 4 | 21869 | 127 | 368 | 27 | -1 | 16 | 19 | 3 | 95 | 3 | **15** |
| 1334281 | 46 | 4 | 212 | 5 | 27941 | 155 | 733 | 31 | -1 | 16 | 29 | 3 | 66 | 3 | **-1** |
| 1334282 | 40 | 5 | 264 | 6 | 33858 | 172 | 595 | 31 | -1 | 17 | 46 | 3 | 100 | 3 | **-1** |
| 1334283 | 45 | 4 | 199 | 5 | 19175 | 114 | 404 | 25 | -1 | 16 | 17 | 2 | 85 | 3 | **12.2** |
| 1334284 | 43 | 4 | 165 | 5 | 24754 | 140 | 369 | 28 | -1 | 17 | 21 | 3 | 102 | 3 | **13.6** |
| 1334285 | 13 | 3 | 122 | 4 | 19283 | 112 | 423 | 25 | -1 | 15 | 18 | 2 | 65 | 2 | **8.3** |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332870 | 1.3 | -1 | 1.8 | 57.4 | 1.1 | 76 | 6 | 259 | 20 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1332871 | 1.2 | -1 | 1.6 | 70.5 | 1.1 | 66 | 6 | 206 | 18 | -1 | -21.9 | -1 | 8 | -1 | 11 | -1 |
| 1332872 | 1.3 | -1 | 1.7 | 78.7 | 1.3 | 79 | 7 | 242 | 20 | -1 | -21.6 | -1 | 8 | -1 | 11 | -1 |
| 1332873 | 1.4 | -1 | 1.8 | 95 | 1.4 | 78 | 7 | 252 | 20 | -1 | -21 | -1 | 7 | -1 | 10 | -1 |
| 1332874 | 1.2 | -1 | 1.6 | 50.8 | 1 | 83 | 6 | 213 | 16 | -1 | 18 | -1 | 6 | -1 | 9 | -1 |
| 1332875 | 1.4 | -1 | 1.8 | 61.9 | 1.1 | 72 | 6 | 190 | 14 | -1 | 17 | -1 | 6 | -1 | 8 | -1 |
| 1332926 | 1.3 | -1 | 1.7 | 81.7 | 1.3 | 75 | 6 | 229 | 16 | -1 | -18 | -1 | 6 | -1 | 8 | -1 |
| 1332927 | 1.2 | -1 | 1.7 | 66.9 | 1.1 | 78 | 7 | 279 | 24 | -1 | -23.3 | -1 | 8 | -1 | 11 | -1 |
| 1332928 | 1.2 | -1 | 1.7 | 151.3 | 1.7 | 95 | 9 | 152 | 14 | -1 | -20.1 | -1 | 8 | -1 | 11 | -1 |
| 1332929 | 1.3 | -1 | 1.7 | 59.8 | 1.1 | 75 | 6 | 272 | 19 | -1 | -19.3 | -1 | 7 | -1 | 9 | -1 |
| 1332930 | 1.4 | -1 | 1.7 | 77 | 1.2 | 68 | 5 | 199 | 15 | -1 | -17.6 | -1 | 6 | -1 | 9 | -1 |
| 1332931 | 1.2 | -1 | 1.7 | 51.2 | 1 | 91 | 7 | 286 | 22 | -1 | -21 | -1 | 7 | -1 | 10 | -1 |
| 1332932 | 1.5 | -1 | 1.7 | 80.2 | 1.2 | 61 | 5 | 155 | 12 | -1 | -16.7 | -1 | 6 | -1 | 9 | -1 |
| 1332933 | 1.3 | -1 | 1.8 | 67.3 | 1.2 | 91 | 7 | 253 | 17 | -1 | -18.4 | -1 | 6 | -1 | 8 | -1 |
| 1332934 | 1.6 | -1 | 1.8 | 76.6 | 1.3 | 89 | 7 | 234 | 17 | -1 | -18.3 | -1 | 6 | -1 | 9 | -1 |
| 1332935 | 1.3 | -1 | 1.7 | 133 | 1.5 | 108 | 9 | 243 | 20 | -1 | -21.9 | -1 | 7 | -1 | 10 | -1 |
| 1332936 | 2.8 | -1 | 1.5 | 32.9 | 0.9 | 65 | 6 | 323 | 25 | -1 | 22 | -1 | 7 | -1 | 10 | -1 |
| 1332937 | 1.1 | -1 | 1.7 | 109.2 | 1.5 | 121 | 11 | 288 | 26 | -1 | -24.6 | -1 | 9 | -1 | 12 | -1 |
| 1332938 | 3.9 | -1 | 1.7 | 174.7 | 1.8 | 126 | 11 | 152 | 13 | -1 | 18 | -1 | 8 | -1 | 10 | -1 |
| 1332939 | 1.3 | -1 | 1.7 | 84.1 | 1.2 | 82 | 8 | 198 | 18 | -1 | -21.7 | -1 | 8 | -1 | 11 | -1 |
| 1332940 | 1.1 | -1 | 1.5 | 69.8 | 1.1 | 85 | 7 | 233 | 19 | -1 | -20.4 | -1 | 7 | -1 | 10 | -1 |
| 1332941 | 1.3 | -1 | 1.6 | 177.4 | 1.8 | 119 | 11 | 156 | 14 | -1 | 19 | -1 | 8 | -1 | 11 | -1 |
| 1332942 | 2 | -1 | 2 | 101.9 | 1.4 | 76 | 6 | 160 | 12 | -1 | 16 | -1 | 6 | -1 | 8 | -1 |
| 1332943 | 1.3 | -1 | 1.7 | 220 | 2 | 129 | 10 | 158 | 13 | -1 | 17 | -1 | 7 | -1 | 9 | -1 |
| 1332944 | 1.3 | -1 | 1.7 | 104.9 | 1.5 | 80 | 6 | 234 | 18 | -1 | -19.2 | -1 | 6 | -1 | 9 | -1 |
| 1332945 | 1.3 | -1 | 1.7 | 38.3 | 1 | 59 | 5 | 216 | 16 | -1 | -18.4 | -1 | 6 | -1 | 8 | -1 |
| 1332946 | 1.2 | -1 | 1.7 | 48.9 | 1.1 | 54 | 6 | 181 | 18 | -1 | -23.1 | -1 | 9 | -1 | 13 | -1 |
| 1332947 | 1.3 | -1 | 1.8 | 66.4 | 1.2 | 106 | 8 | 280 | 21 | -1 | -21.2 | -1 | 7 | -1 | 9 | -1 |
| 1332948 | 4.2 | -1 | 1.8 | 124.3 | 1.6 | 89 | 7 | 148 | 11 | -1 | 16 | -1 | 6 | -1 | 8 | -1 |
| 1332949 | 1.2 | -1 | 1.7 | 73.1 | 1.2 | 100 | 7 | 210 | 14 | -1 | -16.4 | -1 | 6 | -1 | 7 | -1 |
| 1332950 | 1.2 | -1 | 1.7 | 179.1 | 1.9 | 121 | 10 | 158 | 12 | -1 | 17 | -1 | 7 | -1 | 9 | -1 |
| 1334276 | 1.2 | -1 | 1.7 | 53.5 | 1.1 | 72 | 5 | 258 | 18 | -1 | 18 | -1 | 6 | -1 | 8 | -1 |
| 1334277 | 1.1 | -1 | 1.7 | 38.9 | 0.9 | 68 | 6 | 148 | 12 | -1 | -17.5 | -1 | 7 | -1 | 10 | -1 |
| 1334278 | 1 | -1 | 1.6 | 46.9 | 0.9 | 73 | 7 | 172 | 15 | -1 | -19 | -1 | 8 | -1 | 10 | -1 |
| 1334279 | 1 | -1 | 1.5 | 49.3 | 0.9 | 67 | 6 | 161 | 13 | -1 | -18.1 | -1 | 7 | -1 | 10 | -1 |
| 1334280 | 1.3 | -1 | 1.8 | 66.8 | 1.2 | 66 | 5 | 260 | 19 | -1 | -19.5 | -1 | 6 | -1 | 9 | -1 |
| 1334281 | 3.7 | -1 | 1.8 | 92.1 | 1.4 | 53 | 6 | 184 | 19 | -1 | 24 | -1 | 10 | -1 | 13 | -1 |
| 1334282 | 3.1 | -1 | 1.7 | 100.1 | 1.4 | 48 | 4 | 138 | 11 | -1 | 16 | -1 | 6 | -1 | 9 | -1 |
| 1334283 | 1.3 | -1 | 1.8 | 65 | 1.2 | 86 | 7 | 310 | 25 | -1 | -23.2 | -1 | 8 | -1 | 10 | -1 |
| 1334284 | 1.3 | -1 | 1.8 | 65.2 | 1.2 | 55 | 5 | 221 | 17 | -1 | 18 | -1 | 6 | -1 | 8 | -1 |
| 1334285 | 1.3 | -1 | 1.7 | 100.7 | 1.4 | 64 | 5 | 183 | 13 | -1 | -16.8 | -1 | 5 | -1 | 8 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1332870 | 14 | -1 | 18 | 230 | 13 | -1 | 14 | -1 | 3.6 | 17 | 1.5 | Soil | PASS | 88.37 |
| 1332871 | 15 | -1 | 20 | 211 | 13 | -1 | 13 | -1 | 3.6 | 19.5 | 1.5 | Soil | PASS | 90.73 |
| 1332872 | 14 | -1 | 19 | 300 | 14 | -1 | 15 | -1 | 3.8 | 18.4 | 1.5 | Soil | PASS | 88.32 |
| 1332873 | 14 | -1 | 18 | 260 | 14 | -1 | 15 | -1 | 4.1 | 21.1 | 1.6 | Soil | PASS | 88.32 |
| 1332874 | 12 | -1 | 16 | 176 | 11 | -1 | 13 | -1 | 3.6 | 16.7 | 1.5 | Soil | PASS | 88.07 |
| 1332875 | 12 | -1 | 15 | 291 | 14 | -1 | 15 | -1 | 3.8 | 17.6 | 1.5 | Soil | PASS | 88.06 |
| 1332926 | 11 | -1 | 15 | 339 | 14 | -1 | 15 | -1 | 3.8 | 18 | 1.5 | Soil | PASS | 87.98 |
| 1332927 | 15 | -1 | 19 | 253 | 14 | -1 | 14 | -1 | 3.5 | 19.2 | 1.5 | Soil | PASS | 90.39 |
| 1332928 | 16 | -1 | 20 | 369 | 19 | -1 | 14 | -1 | 4 | 19.4 | 1.7 | Soil | PASS | 90.39 |
| 1332929 | 13 | -1 | 16 | 149 | 10 | -1 | 15 | -1 | 3.8 | 19.5 | 1.5 | Soil | PASS | 87.88 |
| 1332930 | 12 | -1 | 16 | 256 | 14 | -1 | 16 | -1 | 3.9 | 23.4 | 1.6 | Soil | PASS | 88.13 |
| 1332931 | 14 | -1 | 18 | 298 | 12 | -1 | 14 | -1 | 3.7 | 16.4 | 1.5 | Soil | PASS | 87.97 |
| 1332932 | 12 | -1 | 15 | 264 | 16 | -1 | 15 | -1 | 3.8 | 29.7 | 1.6 | Soil | PASS | 90.22 |
| 1332933 | 12 | -1 | 15 | 285 | 12 | -1 | 15 | -1 | 3.9 | 18.1 | 1.5 | Soil | PASS | 87.97 |
| 1332934 | 12 | -1 | 15 | 235 | 12 | -1 | 16 | -1 | 3.9 | 23.6 | 1.6 | Soil | PASS | 88.17 |
| 1332935 | 14 | -1 | 18 | 310 | 16 | -1 | 14 | -1 | 3.7 | 24 | 1.6 | Soil | PASS | 90.26 |
| 1332936 | 14 | -1 | 18 | 235 | 11 | -1 | 13 | -1 | 3.6 | 7.4 | 1.3 | Soil | PASS | 88.44 |
| 1332937 | 16 | -1 | 22 | 316 | 13 | -1 | 14 | -1 | 3.9 | 11.7 | 1.4 | Soil | PASS | 88.52 |
| 1332938 | 14 | -1 | 18 | 285 | 15 | -1 | 14 | -1 | 3.8 | 34.6 | 1.7 | Soil | PASS | 90.47 |
| 1332939 | 16 | -1 | 21 | 306 | 18 | -1 | 14 | -1 | 3.7 | 23.5 | 1.6 | Soil | PASS | 90.54 |
| 1332940 | 14 | -1 | 18 | 332 | 15 | -1 | 13 | -1 | 3.6 | 17.2 | 1.4 | Soil | PASS | 90.21 |
| 1332941 | 16 | -1 | 20 | 372 | 17 | -1 | 14 | -1 | 3.8 | 26.2 | 1.6 | Soil | PASS | 90.52 |
| 1332942 | 12 | -1 | 15 | 315 | 15 | 20 | 6 | -1 | 4 | 19.9 | 1.6 | Soil | PASS | 88.23 |
| 1332943 | 13 | -1 | 17 | 478 | 18 | -1 | 14 | 5.3 | 1.3 | 25.5 | 1.6 | Soil | PASS | 90.32 |
| 1332944 | 12 | -1 | 16 | 234 | 14 | -1 | 14 | -1 | 3.7 | 22.4 | 1.6 | Soil | PASS | 88.35 |
| 1332945 | 12 | -1 | 15 | 403 | 16 | -1 | 14 | -1 | 4.1 | 20.8 | 1.6 | Soil | PASS | 88.13 |
| 1332946 | 17 | -1 | 22 | 394 | 18 | -1 | 14 | -1 | 3.6 | 10.8 | 1.4 | Soil | PASS | 91.14 |
| 1332947 | 13 | -1 | 17 | 389 | 13 | -1 | 15 | -1 | 3.8 | 19.8 | 1.6 | Soil | PASS | 88.03 |
| 1332948 | 11 | -1 | 15 | 248 | 15 | -1 | 14 | -1 | 4.1 | 38.3 | 1.9 | Soil | PASS | 88.15 |
| 1332949 | 10 | -1 | 13 | 214 | 10 | -1 | 14 | -1 | 3.7 | 20 | 1.5 | Soil | PASS | 87.91 |
| 1332950 | 13 | -1 | 16 | 212 | 11 | -1 | 14 | -1 | 4 | 17.8 | 1.5 | Soil | PASS | 88.33 |
| 1334276 | 12 | -1 | 15 | 755 | 28 | -1 | 15 | -1 | 3.8 | 10.8 | 1.4 | Soil | PASS | 88.05 |
| 1334277 | 14 | -1 | 18 | 210 | 12 | -1 | 14 | -1 | 3.7 | 12.6 | 1.4 | Soil | PASS | 88.48 |
| 1334278 | 14 | -1 | 19 | 289 | 13 | -1 | 13 | -1 | 3.6 | 12.9 | 1.3 | Soil | PASS | 90.48 |
| 1334279 | 13 | -1 | 18 | 270 | 11 | -1 | 13 | -1 | 3.2 | 12.6 | 1.3 | Soil | PASS | 90.29 |
| 1334280 | 12 | -1 | 16 | 554 | 17 | -1 | 16 | -1 | 3.9 | 17.5 | 1.6 | Soil | PASS | 88.1 |
| 1334281 | 18 | -1 | 24 | 272 | 18 | -1 | 15 | -1 | 4.1 | 22.1 | 1.7 | Soil | PASS | 91.1 |
| 1334282 | 12 | -1 | 16 | 648 | 26 | -1 | 14 | -1 | 3.8 | 12.3 | 1.5 | Soil | PASS | 90.36 |
| 1334283 | 14 | -1 | 19 | 476 | 16 | -1 | 16 | -1 | 4 | 17.1 | 1.6 | Soil | PASS | 88.31 |
| 1334284 | 12 | -1 | 16 | 707 | 23 | -1 | 15 | -1 | 4.1 | 14.2 | 1.5 | Soil | PASS | 88.36 |
| 1334285 | 11 | -1 | 14 | 444 | 16 | -1 | 14 | -1 | 3.9 | 26.6 | 1.7 | Soil | PASS | 87.95 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1334286 | HES | 8 | 570410 | 7025432 | Chocolate Brown | Sand | Dry | Flat | 70 | C | Birch Forest |
| 1334287 | HES | 8 | 570399 | 7025449 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Birch Forest |
| 1334288 | HES | 8 | 570381 | 7025459 | Chocolate Brown | Sand | Dry | Flat | 20 | C | Birch Forest |
| 1334289 | HES | 8 | 570365 | 7025474 | Chocolate Brown | Clay | Damp | Subtle Slope | 20 | B | Black Spruce |
| 1334290 | HES | 8 | 570347 | 7025485 | Chocolate Brown | Sand | Dry | Flat | 20 | C | Birch Forest |
| 1334291 | HES | 8 | 570331 | 7025499 | Chocolate Brown | Sand | Dry | Flat | 40 | C | Birch Forest |
| 1334292 | HES | 8 | 570328 | 7025520 | Chocolate Brown | Clay | Dry | Flat | 20 | B | Birch Forest |
| 1334293 | HES | 8 | 570317 | 7025537 | Chocolate Brown | Silt | Dry | Subtle Slope | 30 | B | Black Spruce |
| 1334294 | HES | 8 | 570264 | 7025498 | Chocolate Brown | Silt | Dry | Flat | 30 | B | Birch Forest |
| 1334295 | HES | 8 | 570258 | 7025521 | Chocolate Brown | Clay | Dry | Flat | 60 | B | Birch Forest |
| 1334296 | HES | 8 | 570243 | 7025534 | Chocolate Brown | Clay | Dry | Flat | 50 | B | Birch Forest |
| 1334297 | HES | 8 | 570240 | 7025554 | Light Bluish Grey | Sand | Dry | Subtle Slope | 60 | C | Birch Forest |
| 1334298 | HES | 8 | 570241 | 7025574 | Chocolate Brown | Sand | Dry | Flat | 50 | C | Birch Forest |
| 1334299 | HES | 8 | 570234 | 7025593 | Chocolate Brown | Sand | Damp | Flat | 100 | C | Black Spruce |
| 1334300 | HES | 8 | 569026 | 7025355 | Chocolate Brown | Clay | Dry | Subtle Slope | 20 | B | Subalpine Fir |
| 1334358 | HES | 8 | 570005 | 7025349 | Chocolate Brown | Sand | Dry | Flat | 20 | C | Poplar |
| 1334359 | HES | 8 | 570003 | 7025369 | Dark Brown | Sand | Dry | Subtle Slope | 60 | C | Birch Forest |
| 1334360 | HES | 8 | 569992 | 7025386 | Chocolate Brown | Sand | Dry | Subtle Slope | 20 | C | Birch Forest |
| 1334361 | HES | 8 | 569986 | 7025406 | Dark Brown | Sand | Dry | Subtle Slope | 30 | C | Birch Forest |
| 1334362 | HES | 8 | 569998 | 7025421 | Chocolate Brown | Sand | Dry | Flat | 20 | C | Poplar |
| 1334363 | HES | 8 | 569999 | 7025441 | Chocolate Brown | Clay | Dry | Flat | 40 | B | Poplar |
| 1334364 | HES | 8 | 569990 | 7025459 | Chocolate Brown | Clay | Dry | Flat | 20 | B | Poplar |
| 1334365 | HES | 8 | 569984 | 7025479 | Chocolate Brown | Clay | Dry | Flat | 20 | B | Black Spruce |
| 1334366 | HES | 8 | 569989 | 7025499 | Chocolate Brown | Sand | Dry | Flat | 40 | C | Black Spruce |
| 1334367 | HES | 8 | 569981 | 7025517 | Chocolate Brown | Clay | Dry | Flat | 30 | B | Black Spruce |
| 1334368 | HES | 8 | 569967 | 7025533 | Chocolate Brown | Clay | Dry | Flat | 60 | B | Birch Forest |
| 1334369 | HES | 8 | 569960 | 7025551 | Chocolate Brown | Clay | Dry | Subtle Slope | 60 | B | Birch Forest |
| 1334370 | HES | 8 | 569939 | 7025550 | Chocolate Brown | Silt | Dry | Flat | 30 | B | Birch Forest |
| 1334371 | HES | 8 | 569919 | 7025546 | Chocolate Brown | Silt | Dry | Subtle Slope | 20 | B | Black Spruce |
| 1334372 | HES | 8 | 569901 | 7025556 | Chocolate Brown | Silt | Dry | Flat | 30 | B | Birch Forest |
| 1334373 | HES | 8 | 569883 | 7025565 | Dark Grey Black | Silt | Damp | Flat | 20 | B | Birch Forest |
| 1334374 | HES | 8 | 569862 | 7025567 | Chocolate Brown | Silt | Dry | Subtle Slope | 30 | B | Black Spruce |
| 1334375 | HES | 8 | 569862 | 7025567 | Chocolate Brown | Silt | Dry | Subtle Slope | 30 | B | Black Spruce |
| 1334470 | HES | 8 | 570148 | 7025019 | Greyish Green | Clay | Damp | Subtle Slope | 120 | B | Black Spruce |
| 1334471 | HES | 8 | 570140 | 7025001 | Dark Olivine Green | Sand | Damp | Subtle Slope | 80 | B | Black Spruce |
| 1334472 | HES | 8 | 570137 | 7024981 | Dark Olivine Green | Sand | Damp | Subtle Slope | 120 | B | Black Spruce |
| 1334473 | HES | 8 | 570134 | 7024960 | Chocolate Brown | Sand | Damp | Subtle Slope | 110 | B | Dwarf Birch |
| 1334476 | HES | 8 | 570137 | 7024941 | Dark Olivine Green | Sand | Damp | Subtle Slope | 120 | B | Black Spruce |
| 1334477 | HES | 8 | 570141 | 7024921 | Greyish Green | Sand | Damp | Pronounced Slope | 60 | C | Black Spruce |
| 1334478 | HES | 8 | 570147 | 7024902 | Chocolate Brown | Silt | Damp | Subtle Slope | 120 | B | Black Spruce |
| 1334479 | HES | 8 | 569738 | 7024751 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Black Spruce |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1334286 | Grass Cover | Excellent | Rocky Terrain | | |
| 1334287 | Leaf Cover | Good | Organic 10% | Rocky Terrain | |
| 1334288 | Leaf Cover | Good | Rocky Sample | Rocky Terrain | |
| 1334289 | Reindeer Moss | Good | Organic 10% | Rocky Terrain | |
| 1334290 | Leaf Cover | Good | Rocky Sample | Rocky Terrain | |
| 1334291 | Leaf Cover | Excellent | Rocky Terrain | | |
| 1334292 | Reindeer Moss | Good | Rocky Terrain | | |
| 1334293 | Reindeer Moss | Good | Rocky Terrain | | |
| 1334294 | Leaf Cover | Good | Organic 10% | Rocky Terrain | |
| 1334295 | Leaf Cover | Good | Rocky Terrain | | |
| 1334296 | Leaf Cover | Good | Rocky Terrain | | |
| 1334297 | Leaf Cover | Good | Rocky Sample | Rocky Terrain | |
| 1334298 | Leaf Cover | Good | Rocky Sample | Rocky Terrain | |
| 1334299 | Reindeer Moss | Good | Rocky Sample | Rocky Terrain | |
| 1334300 | Grass Cover | Good | Rocky Terrain | | |
| 1334358 | Thin Moss Cover | Good | Rocky Terrain | | |
| 1334359 | Leaf Cover | Good | Rocky | | |
| 1334360 | Reindeer Moss | Excellent | Rocky Terrain | | |
| 1334361 | Grass Cover | Good | Rocky Terrain | | |
| 1334362 | Grass Cover | Good | Rocky Terrain | | |
| 1334363 | Grass Cover | Good | Rocky Terrain | | |
| 1334364 | Grass Cover | Good | Organic 10% | Rocky Terrain | |
| 1334365 | Thin Moss Cover | Good | Organic 10% | Rocky Terrain | |
| 1334366 | Grass Cover | Good | Rocky Terrain | | |
| 1334367 | Reindeer Moss | Good | Organic 10% | Rocky | |
| 1334368 | Thin Moss Cover | Good | Rocky | | |
| 1334369 | Thin Moss Cover | Good | Rocky Terrain | | |
| 1334370 | Leaf Cover | Good | Rocky | | |
| 1334371 | Grass Cover | Good | Organic 10% | Rocky Terrain | |
| 1334372 | Thin Moss Cover | Good | Mud | Rocky Terrain | |
| 1334373 | Leaf Cover | Poor | Organic 50% | Rocky Terrain | |
| 1334374 | Bare Soil | Good | Organic 10% | Rocky Terrain | |
| 1334375 | Bare Soil | Good | Organic 10% | Rocky Terrain | |
| 1334470 | Sphagnum Moss < 30cm | Good | | | |
| 1334471 | Sphagnum Moss < 30cm | Good | | | |
| 1334472 | Reindeer Moss | Good | | | |
| 1334473 | Sphagnum Moss < 30cm | Good | | | rock fragments @80cm |
| 1334476 | Sphagnum Moss < 30cm | Good | | | |
| 1334477 | Sphagnum Moss < 30cm | Good | | | rocks @50cm |
| 1334478 | Sphagnum Moss < 30cm | Good | | | very little grit or colour anomolies |
| 1334479 | Reindeer Moss | Good | | | quartz boulders e..xposed |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1334286 | | 1334286 | -1 | 3332 | 1498 | 217 | -1 | 184 | 2009 | 55 | 2234 | 44 | 2897 | 43 |
| 1334287 | | 1334287 | -1 | 3277 | 1470 | 213 | 335 | 66 | 2351 | 57 | 2932 | 49 | 2138 | 39 |
| 1334288 | | 1334288 | -1 | 2789 | 1820 | 199 | -1 | 160 | 639 | 34 | 1504 | 35 | 1366 | 28 |
| 1334289 | | 1334289 | -1 | 3124 | 1614 | 212 | 562 | 68 | 1768 | 52 | 1110 | 34 | 1007 | 28 |
| 1334290 | | 1334290 | -1 | 3893 | 2194 | 266 | -1 | 213 | 4311 | 83 | 2390 | 50 | 1721 | 40 |
| 1334291 | | 1334291 | -1 | 3382 | 2123 | 238 | -1 | 187 | 2243 | 61 | 2568 | 49 | 916 | 28 |
| 1334292 | | 1334292 | -1 | 3905 | 1270 | 251 | 654 | 90 | 3154 | 80 | 891 | 39 | 2707 | 48 |
| 1334293 | | 1334293 | -1 | 4488 | 2093 | 293 | -1 | 250 | 8902 | 128 | 1826 | 51 | 2621 | 51 |
| 1334294 | | 1334294 | -1 | 4236 | 2053 | 285 | -1 | 236 | 6370 | 106 | 3235 | 60 | 1880 | 45 |
| 1334295 | | 1334295 | -1 | 3960 | 1909 | 252 | -1 | 216 | 2961 | 73 | 2031 | 47 | 1529 | 39 |
| 1334296 | | 1334296 | -1 | 3848 | 1731 | 243 | -1 | 212 | 3717 | 75 | 4341 | 62 | 1635 | 47 |
| 1334297 | | 1334297 | -1 | 3857 | 1747 | 245 | -1 | 246 | 1909 | 56 | 7188 | 78 | 11941 | 96 |
| 1334298 | | 1334298 | -1 | 3927 | 1873 | 253 | -1 | 216 | 2084 | 62 | 3156 | 55 | 2814 | 47 |
| 1334299 | | 1334299 | -1 | 5945 | 2537 | 375 | -1 | 317 | 11093 | 167 | 4425 | 82 | 2469 | 61 |
| 1334300 | | 1334300 | -1 | 2729 | 1200 | 182 | -1 | 157 | 1417 | 45 | 690 | 29 | 1597 | 32 |
| 1334358 | | 1334358 | -1 | 2330 | 1259 | 153 | 162 | 42 | 743 | 30 | 1841 | 34 | 674 | 18 |
| 1334359 | | 1334359 | -1 | 4272 | 1457 | 270 | -1 | 240 | 6421 | 107 | 2294 | 53 | 1908 | 44 |
| 1334360 | | 1334360 | -1 | 2794 | 1491 | 191 | -1 | 149 | 2228 | 54 | 997 | 32 | 785 | 23 |
| 1334361 | | 1334361 | -1 | 4786 | 2216 | 300 | -1 | 249 | 8718 | 126 | 4690 | 72 | 2431 | 50 |
| 1334362 | | 1334362 | -1 | 3754 | 2293 | 255 | -1 | 198 | 5988 | 95 | 2022 | 46 | 1475 | 36 |
| 1334363 | | 1334363 | -1 | 3518 | 829 | 210 | -1 | 197 | 1277 | 54 | 1402 | 40 | 1177 | 33 |
| 1334364 | | 1334364 | -1 | 2873 | 1231 | 190 | -1 | 180 | 700 | 37 | 1306 | 35 | 4517 | 50 |
| 1334365 | | 1334365 | -1 | 3091 | 1652 | 204 | 477 | 65 | 2083 | 53 | 939 | 32 | 2116 | 36 |
| 1334366 | | 1334366 | -1 | 4204 | 2025 | 272 | 773 | 90 | 2368 | 70 | 2377 | 52 | 1365 | 38 |
| 1334367 | | 1334367 | -1 | 3262 | 1167 | 218 | -1 | 203 | 914 | 49 | 1210 | 38 | 1296 | 33 |
| 1334368 | | 1334368 | -1 | 3127 | 2004 | 221 | 205 | 63 | 986 | 42 | 1594 | 38 | 2799 | 43 |
| 1334369 | | 1334369 | -1 | 3946 | 1746 | 258 | -1 | 223 | 3351 | 75 | 2132 | 48 | 2042 | 48 |
| 1334370 | | 1334370 | -1 | 3125 | 1553 | 203 | -1 | 169 | 876 | 40 | 2565 | 45 | 804 | 28 |
| 1334371 | | 1334371 | -1 | 2703 | 1082 | 179 | -1 | 168 | 646 | 35 | 943 | 31 | 2676 | 38 |
| 1334372 | | 1334372 | -1 | 2663 | 1564 | 182 | 199 | 58 | 1061 | 38 | 605 | 26 | 5347 | 52 |
| 1334373 | | 1334373 | -1 | 2615 | 1912 | 185 | -1 | 147 | 615 | 33 | 2449 | 41 | 2285 | 33 |
| 1334374 | | 1334374 | -1 | 3329 | 1526 | 218 | 453 | 70 | 1523 | 52 | 1638 | 40 | 2114 | 38 |
| 1334375 | 1334374 | 1334375 | -1 | 3887 | 1876 | 260 | -1 | 222 | 3218 | 74 | 759 | 36 | 1516 | 40 |
| 1334470 | | 1334470 | -1 | 3346 | 1264 | 199 | -1 | 181 | 3301 | 65 | 2626 | 46 | 2745 | 40 |
| 1334471 | | 1334471 | -1 | 3462 | 2321 | 225 | -1 | 214 | 2333 | 55 | 5209 | 61 | 12191 | 90 |
| 1334472 | | 1334472 | -1 | 3485 | 1761 | 228 | 583 | 72 | 2767 | 64 | 4496 | 61 | 1221 | 32 |
| 1334473 | | 1334473 | -1 | 4807 | 2291 | 319 | -1 | 265 | 5138 | 107 | 6219 | 89 | 1463 | 42 |
| 1334476 | | 1334476 | -1 | 3507 | 1346 | 216 | 333 | 69 | 1924 | 56 | 3541 | 55 | 2620 | 41 |
| 1334477 | | 1334477 | -1 | 3826 | 2578 | 245 | -1 | 230 | 2570 | 60 | 6971 | 73 | 11763 | 89 |
| 1334478 | | 1334478 | -1 | 3733 | 1583 | 227 | -1 | 191 | 3175 | 68 | 4966 | 65 | 1462 | 34 |
| 1334479 | | 1334479 | -1 | 3729 | 651 | 193 | -1 | 274 | 639 | 35 | 10653 | 84 | 33841 | 175 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1334286 | 38 | 3 | 69 | 3 | 18525 | 110 | 405 | 25 | -1 | 15 | 16 | 2 | 48 | 2 | **14** |
| 1334287 | 27 | 3 | 226 | 4 | 18033 | 106 | 356 | 24 | -1 | 15 | 10 | 2 | 77 | 3 | **15.2** |
| 1334288 | 14 | 2 | 240 | 4 | 14845 | 89 | 231 | 21 | -1 | 14 | 9 | 2 | 25.9 | 2 | **-1** |
| 1334289 | 22 | 3 | 98 | 3 | 17007 | 100 | 404 | 24 | -1 | 15 | 16 | 2 | 44 | 2 | **5.4** |
| 1334290 | 33 | 4 | 85 | 4 | 31969 | 178 | 645 | 33 | -1 | 18 | 23 | 3 | 59 | 2 | **7.3** |
| 1334291 | 16 | 3 | 97 | 3 | 12008 | 76 | 189 | 19 | -1 | 13 | -1 | 6 | 25.4 | 2 | **-1** |
| 1334292 | 36 | 4 | 52 | 3 | 16396 | 94 | 440 | 22 | -1 | 13 | 10 | 2 | 23 | 2 | **-1** |
| 1334293 | 40 | 4 | 103 | 4 | 29527 | 165 | 346 | 31 | -1 | 17 | 20 | 3 | 40 | 2 | **5.9** |
| 1334294 | 51 | 4 | 279 | 6 | 30094 | 169 | 411 | 31 | -1 | 17 | 24 | 3 | 59 | 2 | **-1** |
| 1334295 | 37 | 4 | 127 | 4 | 16739 | 94 | 335 | 22 | -1 | 14 | 21 | 2 | 46 | 2 | **10.5** |
| 1334296 | 60 | 4 | 342 | 6 | 20104 | 118 | 372 | 26 | -1 | 17 | 34 | 3 | 99 | 3 | **16.6** |
| 1334297 | -1 | 9 | 249 | 5 | 25507 | 132 | 708 | 27 | -1 | 15 | 28 | 2 | 55 | 2 | **4.3** |
| 1334298 | 42 | 4 | 298 | 5 | 24917 | 131 | 492 | 27 | -1 | 16 | 29 | 2 | 68 | 2 | **13.3** |
| 1334299 | 57 | 6 | 506 | 9 | 43286 | 234 | 437 | 37 | -1 | 20 | 37 | 3 | 108 | 3 | **16.9** |
| 1334300 | 21 | 3 | 73 | 3 | 11278 | 72 | 307 | 19 | -1 | 14 | 9 | 2 | 77 | 2 | **10** |
| 1334358 | 10 | 2 | 60 | 2 | 5408 | 42 | 104 | 13 | -1 | 12 | -1 | 6 | 110 | 3 | **-1** |
| 1334359 | 30 | 4 | 583 | 8 | 34594 | 192 | 628 | 34 | -1 | 20 | 50 | 3 | 152 | 4 | **-1** |
| 1334360 | 15 | 2 | 178 | 4 | 10238 | 66 | 132 | 17 | -1 | 13 | -1 | 6 | 86 | 3 | **-1** |
| 1334361 | 52 | 5 | 235 | 6 | 36003 | 201 | 668 | 36 | -1 | 19 | 27 | 3 | 68 | 3 | **12.8** |
| 1334362 | 30 | 3 | 371 | 6 | 20684 | 119 | 249 | 25 | -1 | 15 | 12 | 2 | 52 | 2 | **9.5** |
| 1334363 | 21 | 3 | 79 | 3 | 12510 | 74 | 386 | 19 | -1 | 13 | 10 | 2 | 52 | 2 | **35.6** |
| 1334364 | 23 | 3 | 73 | 3 | 9699 | 64 | 231 | 18 | -1 | 14 | 15 | 2 | 40.6 | 2 | **6.5** |
| 1334365 | 26 | 3 | 102 | 3 | 14298 | 88 | 374 | 22 | -1 | 15 | 17 | 2 | 109 | 3 | **26.2** |
| 1334366 | 32 | 4 | 245 | 5 | 19276 | 105 | 398 | 23 | -1 | 14 | 23 | 2 | 54 | 2 | **16.3** |
| 1334367 | 26 | 3 | 84 | 3 | 11029 | 69 | 333 | 19 | -1 | 12 | 8 | 2 | 28.4 | 2 | **11.1** |
| 1334368 | 38 | 3 | 195 | 4 | 15917 | 96 | 447 | 23 | -1 | 16 | 30 | 3 | 71 | 2 | **22.6** |
| 1334369 | 66 | 4 | 181 | 5 | 23640 | 135 | 411 | 28 | -1 | 16 | 35 | 3 | 140 | 3 | **20.9** |
| 1334370 | 24 | 3 | 126 | 3 | 16805 | 100 | 376 | 23 | -1 | 15 | 25 | 2 | 72 | 2 | **24.9** |
| 1334371 | 33 | 3 | 95 | 3 | 12050 | 78 | 363 | 21 | -1 | 15 | 11 | 2 | 66 | 2 | **26.8** |
| 1334372 | 13 | 2 | 147 | 3 | 8140 | 57 | 224 | 16 | -1 | 13 | 13 | 2 | 36.4 | 2 | **23.8** |
| 1334373 | 26 | 2 | 57 | 2 | 3388 | 31 | 74 | 10 | -1 | 11 | 16 | 2 | 23.3 | 2 | **-1** |
| 1334374 | 24 | 3 | 129 | 4 | 13743 | 77 | 325 | 19 | -1 | 13 | 18 | 2 | 51 | 2 | **10** |
| 1334375 | 36 | 4 | 175 | 5 | 26405 | 149 | 409 | 29 | -1 | 17 | 21 | 3 | 58 | 2 | **23.8** |
| 1334470 | 36 | 3 | 117 | 3 | 15094 | 93 | 365 | 23 | -1 | 16 | 26 | 3 | 176 | 4 | **7.2** |
| 1334471 | -1 | 7 | 70 | 3 | 9128 | 61 | 326 | 18 | -1 | 14 | 25 | 2 | 64 | 2 | **-1** |
| 1334472 | 24 | 3 | 160 | 4 | 16758 | 100 | 408 | 24 | -1 | 15 | 25 | 2 | 75 | 2 | **7** |
| 1334473 | 40 | 4 | 214 | 5 | 18875 | 109 | 319 | 24 | -1 | 15 | 17 | 2 | 60 | 2 | **7.6** |
| 1334476 | 30 | 3 | 116 | 3 | 13687 | 85 | 409 | 22 | -1 | 15 | 21 | 2 | 70 | 2 | **-1** |
| 1334477 | -1 | 8 | 133 | 3 | 13048 | 81 | 349 | 21 | -1 | 14 | 26 | 2 | 57 | 2 | **4.2** |
| 1334478 | 28 | 3 | 187 | 4 | 19196 | 113 | 431 | 25 | -1 | 16 | 29 | 3 | 111 | 3 | **7.9** |
| 1334479 | -1 | 6 | 31 | 2 | 4369 | 36 | 278 | 13 | -1 | 12 | -1 | 6 | 34.9 | 2 | **-1** |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1334286 | 1.4 | -1 | 1.8 | 129.4 | 1.6 | 103 | 8 | 249 | 18 | -1 | -18.9 | -1 | 6 | -1 | 8 | -1 |
| 1334287 | 1.3 | -1 | 1.7 | 62.2 | 1.1 | 118 | 9 | 298 | 22 | -1 | -20.5 | -1 | 6 | -1 | 9 | -1 |
| 1334288 | 3.4 | -1 | 1.7 | 22 | 0.8 | 23 | 2 | 127 | 10 | -1 | 15 | -1 | 6 | -1 | 9 | -1 |
| 1334289 | 1.1 | -1 | 1.7 | 61.4 | 1.1 | 83 | 6 | 235 | 17 | -1 | -18.8 | -1 | 6 | -1 | 8 | -1 |
| 1334290 | 1.5 | -1 | 1.9 | 162.2 | 1.9 | 106 | 8 | 208 | 16 | -1 | -20.3 | -1 | 7 | -1 | 9 | -1 |
| 1334291 | 3.1 | -1 | 1.7 | 28.6 | 0.8 | 41 | 4 | 201 | 17 | -1 | -20.5 | -1 | 8 | -1 | 11 | -1 |
| 1334292 | 3.4 | -1 | 1.7 | 106 | 1.4 | 106 | 11 | 194 | 19 | -1 | -23.9 | -1 | 9 | -1 | 13 | -1 |
| 1334293 | 1.4 | -1 | 1.9 | 126.6 | 1.6 | 105 | 9 | 216 | 17 | -1 | -19.5 | -1 | 7 | -1 | 9 | -1 |
| 1334294 | 4.1 | -1 | 1.8 | 109.6 | 1.5 | 81 | 6 | 200 | 15 | -1 | -17.9 | -1 | 6 | -1 | 8 | -1 |
| 1334295 | 1.2 | -1 | 1.6 | 88.3 | 1.3 | 110 | 10 | 237 | 21 | -1 | 23 | -1 | 8 | -1 | 11 | -1 |
| 1334296 | 1.3 | -1 | 1.8 | 74.5 | 1.3 | 109 | 8 | 261 | 19 | -1 | -19.5 | -1 | 6 | -1 | 8 | -1 |
| 1334297 | 1.3 | -1 | 1.7 | 132.7 | 1.5 | 83 | 7 | 164 | 13 | -1 | -17.6 | -1 | 6 | -1 | 8 | -1 |
| 1334298 | 1.3 | -1 | 1.7 | 123.8 | 1.5 | 87 | 8 | 197 | 16 | -1 | -20 | -1 | 7 | -1 | 10 | -1 |
| 1334299 | 1.5 | -1 | 2 | 136.1 | 1.7 | 101 | 10 | 222 | 21 | -1 | -23.8 | -1 | 8 | -1 | 11 | -1 |
| 1334300 | 1.2 | -1 | 1.6 | 52.9 | 1 | 61 | 5 | 199 | 14 | -1 | -16.2 | -1 | 6 | -1 | 7 | -1 |
| 1334358 | 2.9 | -1 | 1.6 | 15.6 | 0.7 | 54 | 4 | 242 | 17 | -1 | 17 | -1 | 6 | -1 | 8 | -1 |
| 1334359 | 4.6 | -1 | 2 | 167.8 | 1.9 | 45 | 4 | 251 | 21 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1334360 | 3 | -1 | 1.7 | 45.7 | 1 | 32 | 3 | 246 | 19 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1334361 | 1.5 | -1 | 2 | 170.2 | 2 | 83 | 7 | 273 | 20 | -1 | 20 | -1 | 6 | -1 | 8 | -1 |
| 1334362 | 1.2 | -1 | 1.8 | 81.7 | 1.3 | 35 | 3 | 243 | 18 | -1 | -19.4 | -1 | 6 | -1 | 9 | -1 |
| 1334363 | 1.4 | -1 | 1.7 | 50.8 | 1 | 71 | 7 | 259 | 22 | -1 | -23 | -1 | 8 | -1 | 11 | -1 |
| 1334364 | 1.2 | -1 | 1.6 | 50.3 | 1 | 79 | 6 | 252 | 19 | -1 | -19.8 | -1 | 6 | -1 | 9 | -1 |
| 1334365 | 1.4 | -1 | 1.8 | 66.6 | 1.2 | 85 | 6 | 227 | 16 | -1 | -17.6 | -1 | 6 | -1 | 8 | -1 |
| 1334366 | 1.3 | -1 | 1.7 | 106.6 | 1.4 | 107 | 10 | 214 | 19 | -1 | 21 | -1 | 8 | -1 | 11 | -1 |
| 1334367 | 1.2 | -1 | 1.6 | 59.4 | 1.1 | 70 | 7 | 210 | 20 | -1 | 23 | -1 | 9 | -1 | 12 | -1 |
| 1334368 | 1.4 | -1 | 1.8 | 75.5 | 1.2 | 118 | 9 | 255 | 19 | -1 | -19.8 | -1 | 7 | -1 | 9 | -1 |
| 1334369 | 1.5 | -1 | 2 | 77.6 | 1.3 | 102 | 8 | 338 | 26 | -1 | -23.5 | -1 | 7 | -1 | 10 | -1 |
| 1334370 | 1.4 | -1 | 1.8 | 61.5 | 1.1 | 99 | 9 | 314 | 26 | -1 | -24 | -1 | 8 | -1 | 11 | -1 |
| 1334371 | 1.4 | -1 | 1.8 | 73.5 | 1.2 | 73 | 6 | 283 | 21 | -1 | -20.3 | -1 | 6 | -1 | 9 | -1 |
| 1334372 | 1.3 | -1 | 1.7 | 37.8 | 0.9 | 59 | 4 | 318 | 21 | -1 | 19 | -1 | 5 | -1 | 7 | -1 |
| 1334373 | 2.8 | -1 | 1.5 | 53.1 | 1 | 158 | 14 | 243 | 21 | -1 | 22 | -1 | 9 | -1 | 12 | -1 |
| 1334374 | 1.1 | -1 | 1.6 | 52.3 | 1 | 83 | 8 | 179 | 16 | -1 | -21 | -1 | 8 | -1 | 12 | -1 |
| 1334375 | 1.4 | -1 | 1.8 | 64.9 | 1.2 | 67 | 6 | 168 | 13 | -1 | -17.4 | -1 | 7 | -1 | 9 | -1 |
| 1334470 | 1.3 | -1 | 1.8 | 98.1 | 1.4 | 83 | 6 | 174 | 12 | -1 | -15.7 | -1 | 6 | -1 | 8 | -1 |
| 1334471 | 3.4 | -1 | 1.7 | 83.6 | 1.3 | 71 | 6 | 150 | 11 | -1 | -16.8 | -1 | 7 | -1 | 9 | -1 |
| 1334472 | 1.3 | -1 | 1.6 | 91.9 | 1.4 | 76 | 6 | 153 | 11 | -1 | 15 | -1 | 6 | -1 | 8 | -1 |
| 1334473 | 1.2 | -1 | 1.7 | 87.9 | 1.3 | 105 | 11 | 208 | 21 | -1 | -24.3 | -1 | 10 | -1 | 13 | -1 |
| 1334476 | 3.5 | -1 | 1.6 | 83.2 | 1.3 | 70 | 5 | 159 | 12 | -1 | -15.9 | -1 | 6 | -1 | 8 | -1 |
| 1334477 | 1.1 | -1 | 1.7 | 78.6 | 1.2 | 69 | 6 | 181 | 14 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |
| 1334478 | 1.3 | -1 | 1.7 | 110.5 | 1.5 | 88 | 7 | 170 | 12 | -1 | -16.7 | -1 | 6 | -1 | 8 | -1 |
| 1334479 | 3.3 | -1 | 1.5 | 41.9 | 0.9 | 64 | 6 | 181 | 15 | -1 | 19 | -1 | 8 | -1 | 11 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1334286 | 11 | -1 | 15 | 277 | 14 | -1 | 15 | -1 | 4.1 | 24.2 | 1.7 | Soil | PASS | 88.3 |
| 1334287 | 12 | -1 | 16 | 395 | 14 | -1 | 15 | -1 | 4 | 17.8 | 1.5 | Soil | PASS | 88.04 |
| 1334288 | 13 | -1 | 16 | 113 | 10 | -1 | 14 | -1 | 3.5 | 19.6 | 1.5 | Soil | PASS | 88.24 |
| 1334289 | 11 | -1 | 15 | 178 | 11 | -1 | 14 | -1 | 3.7 | 12.9 | 1.4 | Soil | PASS | 88.17 |
| 1334290 | 12 | -1 | 16 | 314 | 15 | -1 | 16 | -1 | 4.2 | 33.2 | 1.9 | Soil | PASS | 88.27 |
| 1334291 | 15 | -1 | 20 | 163 | 11 | -1 | 14 | -1 | 3.8 | 11.1 | 1.4 | Soil | PASS | 88.3 |
| 1334292 | 18 | -1 | 24 | 272 | 16 | -1 | 14 | -1 | 3.7 | 20.7 | 1.5 | Soil | PASS | 90.83 |
| 1334293 | 13 | -1 | 17 | 464 | 19 | -1 | 16 | 5.4 | 1.5 | 28.8 | 1.8 | Soil | PASS | 88.32 |
| 1334294 | 12 | -1 | 16 | 416 | 18 | -1 | 16 | -1 | 4.2 | 30.5 | 1.8 | Soil | PASS | 88.11 |
| 1334295 | 15 | -1 | 20 | 421 | 15 | -1 | 14 | -1 | 3.6 | 19 | 1.5 | Soil | PASS | 90.48 |
| 1334296 | 12 | -1 | 15 | 1137 | 21 | -1 | 16 | -1 | 4.1 | 16.9 | 1.6 | Soil | PASS | 87.95 |
| 1334297 | 11 | -1 | 15 | 725 | 24 | -1 | 14 | 4.5 | 1.3 | 33.8 | 1.7 | Soil | PASS | 90.17 |
| 1334298 | 13 | -1 | 18 | 320 | 16 | -1 | 14 | -1 | 3.7 | 28.8 | 1.7 | Soil | PASS | 90.29 |
| 1334299 | 16 | -1 | 20 | 643 | 24 | -1 | 16 | -1 | 4.2 | 19.9 | 1.8 | Soil | PASS | 90.84 |
| 1334300 | 11 | -1 | 14 | 276 | 12 | -1 | 14 | -1 | 3.6 | 15.7 | 1.4 | Soil | PASS | 88.18 |
| 1334358 | 12 | -1 | 16 | 90 | 7 | -1 | 13 | -1 | 3.5 | 13 | 1.3 | Soil | PASS | 88.07 |
| 1334359 | 14 | -1 | 18 | 330 | 17 | -1 | 15 | -1 | 4.3 | 50 | 2 | Soil | PASS | 88.3 |
| 1334360 | 14 | -1 | 18 | 124 | 9 | -1 | 13 | -1 | 3.6 | 11.1 | 1.3 | Soil | PASS | 88.16 |
| 1334361 | 12 | -1 | 15 | 430 | 18 | -1 | 16 | 5.3 | 1.5 | 23.8 | 1.8 | Soil | PASS | 88.33 |
| 1334362 | 12 | -1 | 16 | 287 | 14 | -1 | 14 | -1 | 3.9 | 17.3 | 1.5 | Soil | PASS | 88.33 |
| 1334363 | 15 | -1 | 19 | 235 | 13 | -1 | 15 | -1 | 3.4 | 21.7 | 1.5 | Soil | PASS | 90.74 |
| 1334364 | 12 | -1 | 17 | 348 | 15 | -1 | 13 | -1 | 3.6 | 18.4 | 1.5 | Soil | PASS | 88.28 |
| 1334365 | 11 | -1 | 14 | 274 | 13 | -1 | 15 | -1 | 3.9 | 21.5 | 1.6 | Soil | PASS | 88.11 |
| 1334366 | 16 | -1 | 21 | 324 | 15 | -1 | 15 | -1 | 3.7 | 23.8 | 1.6 | Soil | PASS | 90.65 |
| 1334367 | 16 | -1 | 22 | 219 | 12 | -1 | 14 | -1 | 3.5 | 17.8 | 1.5 | Soil | PASS | 90.9 |
| 1334368 | 13 | -1 | 17 | 469 | 15 | -1 | 16 | -1 | 4 | 22.3 | 1.6 | Soil | PASS | 88.29 |
| 1334369 | 14 | -1 | 18 | 720 | 19 | -1 | 17 | -1 | 4.2 | 25.4 | 1.7 | Soil | PASS | 88.04 |
| 1334370 | 14 | -1 | 19 | 335 | 12 | -1 | 15 | -1 | 3.7 | 16.7 | 1.5 | Soil | PASS | 88.31 |
| 1334371 | 12 | -1 | 16 | 237 | 12 | -1 | 16 | -1 | 4 | 18.3 | 1.5 | Soil | PASS | 88.15 |
| 1334372 | 10 | -1 | 14 | 386 | 15 | -1 | 15 | -1 | 3.7 | 9.3 | 1.3 | Soil | PASS | 88.19 |
| 1334373 | 17 | -1 | 22 | 212 | 11 | -1 | 12 | -1 | 3.6 | 10.4 | 1.3 | Soil | PASS | 88.44 |
| 1334374 | 16 | -1 | 21 | 218 | 13 | -1 | 13 | -1 | 3.4 | 16.5 | 1.4 | Soil | PASS | 90.46 |
| 1334375 | 12 | -1 | 17 | 326 | 16 | -1 | 15 | -1 | 3.8 | 16.2 | 1.6 | Soil | PASS | 88.19 |
| 1334470 | 11 | -1 | 15 | 230 | 13 | -1 | 15 | -1 | 4.1 | 22.8 | 1.6 | Soil | PASS | 87.94 |
| 1334471 | 12 | -1 | 15 | 899 | 23 | -1 | 13 | -1 | 3.7 | 19.5 | 1.5 | Soil | PASS | 88.19 |
| 1334472 | 11 | -1 | 14 | 237 | 12 | -1 | 14 | -1 | 3.9 | 24.3 | 1.6 | Soil | PASS | 88.23 |
| 1334473 | 18 | -1 | 24 | 300 | 16 | -1 | 14 | -1 | 3.8 | 20.8 | 1.6 | Soil | PASS | 91.02 |
| 1334476 | 11 | -1 | 14 | 226 | 13 | -1 | 14 | -1 | 3.9 | 20 | 1.6 | Soil | PASS | 88.27 |
| 1334477 | 13 | -1 | 17 | 536 | 22 | -1 | 14 | -1 | 3.7 | 14.8 | 1.5 | Soil | PASS | 88.11 |
| 1334478 | 11 | -1 | 15 | 268 | 13 | -1 | 15 | -1 | 4 | 25.7 | 1.7 | Soil | PASS | 88.15 |
| 1334479 | 15 | -1 | 20 | 861 | 30 | -1 | 13 | -1 | 3.5 | 20.7 | 1.5 | Soil | PASS | 88.16 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1334480 | HES | 8 | 569718 | 7024756 | Reddish Yellow | Sand | Dry | Subtle Slope | 80 | C | Black Spruce |
| 1334481 | HES | 8 | 569698 | 7024762 | Reddish Yellow | Sand | Dry | Subtle Slope | 40 | C | Poplar |
| 1334482 | HES | 8 | 569676 | 7024762 | Reddish Brown | Sand | Dry | Subtle Slope | 40 | C | Poplar |
| 1334483 | HES | 8 | 569657 | 7024771 | Chocolate Brown | Sand | Dry | Subtle Slope | 40 | C | Black Spruce |
| 1334484 | HES | 8 | 569637 | 7024777 | Chocolate Brown | Sand | Dry | Subtle Slope | 60 | C | Black Spruce |
| 1334485 | HES | 8 | 569650 | 7024566 | Reddish Brown | Clay | Wet | Subtle Slope | 50 | B | Pine |
| 1334486 | HES | 8 | 569633 | 7024578 | Chocolate Brown | Sand | Damp | Subtle Slope | 50 | C | Pine |
| 1334487 | HES | 8 | 569615 | 7024590 | Reddish Brown | Clay | Wet | Subtle Slope | 30 | B | Pine |
| 1334488 | HES | 8 | 569594 | 7024595 | Dark Blue Black | Sand | Damp | Flat | 30 | C | Pine |
| 1334489 | HES | 8 | 569573 | 7024599 | Reddish Brown | Sand | Damp | Flat | 30 | C | Pine |
| 1334490 | HES | 8 | 569553 | 7024607 | Reddish Yellow | Clay | Wet | Subtle Slope | 70 | B | Poplar |
| 1334491 | HES | 8 | 569533 | 7024616 | Reddish Brown | Clay | Wet | Subtle Slope | 70 | B | Poplar |
| 1334492 | HES | 8 | 569515 | 7024627 | Reddish Brown | Gravel | Damp | Subtle Slope | 50 | C | Black Spruce |
| 1334493 | HES | 8 | 569455 | 7024576 | Reddish Brown | Clay | Wet | Subtle Slope | 40 | B | Poplar |
| 1334494 | HES | 8 | 569447 | 7024596 | Reddish Brown | Clay | Wet | Subtle Slope | 40 | B | Poplar |
| 1334495 | HES | 8 | 569432 | 7024613 | Reddish Brown | Gravel | Dry | Subtle Slope | 20 | C | Poplar |
| 1334496 | HES | 8 | 569416 | 7024627 | Reddish Brown | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1334497 | HES | 8 | 569401 | 7024644 | Reddish Brown | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1334498 | HES | 8 | 569386 | 7024658 | Chocolate Brown | Gravel | Dry | Subtle Slope | 30 | C | Pine |
| 1334499 | HES | 8 | 569370 | 7024672 | Reddish Brown | Gravel | Dry | Subtle Slope | 30 | C | Black Spruce |
| 1334500 | HES | 8 | 569351 | 7024682 | Reddish Brown | Sand | Damp | Subtle Slope | 30 | C | Poplar |
| 1337502 | HES | 8 | 570563 | 7024672 | Chocolate Brown | Sand | Damp | Flat | 30 | B | Birch Forest |
| 1337503 | HES | 8 | 570546 | 7024685 | Grey | Gravel | Damp | Flat | 40 | C | Black Spruce |
| 1337504 | HES | 8 | 570527 | 7024694 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Black Spruce |
| 1337505 | HES | 8 | 570510 | 7024706 | Grey | Sand | Damp | Flat | 50 | C | Subalpine Fir |
| 1337506 | HES | 8 | 570494 | 7024721 | Chocolate Brown | Sand | Damp | Flat | 40 | B | Subalpine Fir |
| 1337507 | HES | 8 | 570479 | 7024732 | Chocolate Brown | Sand | Damp | Flat | 40 | B | Subalpine Fir |
| 1337508 | HES | 8 | 570459 | 7024740 | Grey | Sand | Damp | Flat | 60 | C | Black Spruce |
| 1337509 | HES | 8 | 570439 | 7024747 | Grey | Sand | Damp | Flat | 60 | C | Black Spruce |
| 1337510 | HES | 8 | 570420 | 7024754 | Reddish Brown | Clay | Damp | Flat | 30 | B | Subalpine Fir |
| 1337511 | HES | 8 | 570401 | 7024764 | Dark Brown | Sand | Damp | Flat | 40 | B | Black Spruce |
| 1337512 | HES | 8 | 570382 | 7024773 | Grey | Silt | Damp | Flat | 40 | B | Subalpine Fir |
| 1337513 | HES | 8 | 568880 | 7025013 | Chocolate Brown | Sand | Damp | Flat | 40 | B | Birch Forest |
| 1337514 | HES | 8 | 568862 | 7025003 | Reddish Brown | Clay | Damp | Subtle Slope | 20 | B | Birch Forest |
| 1337515 | HES | 8 | 568841 | 7025006 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Poplar |
| 1337516 | HES | 8 | 568820 | 7025011 | Light Grey | Sand | Damp | Subtle Slope | 50 | C | Poplar |
| 1337517 | HES | 8 | 568800 | 7025016 | Grey | Gravel | Damp | Subtle Slope | 30 | C | Poplar |
| 1337518 | HES | 8 | 568780 | 7025022 | Chocolate Brown | Sand | Damp | Subtle Slope | 30 | B | Poplar |
| 1337519 | HES | 8 | 568760 | 7025026 | Reddish Brown | Clay | Damp | Subtle Slope | 30 | B | Poplar |
| 1337520 | HES | 8 | 568741 | 7025034 | Grey | Sand | Damp | Flat | 50 | C | Poplar |
| 1337521 | HES | 8 | 568724 | 7025046 | Greyish Green | Sand | Damp | Flat | 50 | C | Poplar |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1334480 | Reindeer Moss | Excellent | | | |
| 1334481 | Bare Soil | Excellent | Bright Orange Rust | | |
| 1334482 | Leaf Cover | Good | Coarse | | |
| 1334483 | Reindeer Moss | Excellent | Coarse | Bright Orange Rust | |
| 1334484 | Bare Soil | Excellent | Coarse | Clay | |
| 1334485 | Leaf Cover | Poor | | | many holes used for samp. expoxed quartz |
| 1334486 | Thin Moss Cover | Good | Coarse | | |
| 1334487 | Bare Soil | Poor | Coarse | | many holes reqd for sample |
| 1334488 | Thin Moss Cover | Good | Coarse | | |
| 1334489 | Reindeer Moss | Good | Coarse | Quartz Chips | |
| 1334490 | Leaf Cover | Poor | | | "coming up to end of ridge. just muck |
| 1334491 | Sphagnum Moss < 30cm | Poor | Fine | | |
| 1334492 | Reindeer Moss | Good | Clay | | clay at bottom of samp. |
| 1334493 | Rock Cover | Poor | Quartz Chips | | |
| 1334494 | Rock Cover | Poor | Quartz Chips | | |
| 1334495 | Reindeer Moss | Good | Rocky Sample | | |
| 1334496 | Reindeer Moss | Good | Coarse | | |
| 1334497 | Leaf Cover | Good | Coarse | | |
| 1334498 | Sphagnum Moss < 30cm | Good | Dull Red Rust | | |
| 1334499 | Reindeer Moss | Good | Rocky Sample | Quartz Chips | |
| 1334500 | Reindeer Moss | Good | | | grey bits at 30cm |
| 1337502 | Reindeer Moss | Poor | Rocky Terrain | Outcrop Nearby | |
| 1337503 | Reindeer Moss | Good | Rocky | Outcrop Nearby | |
| 1337504 | Reindeer Moss | Poor | Rocky Terrain | | |
| 1337505 | Reindeer Moss | Excellent | Coarse | Rocky | |
| 1337506 | Reindeer Moss | Good | Fine | Rocky | |
| 1337507 | Sphagnum Moss < 30cm | Good | Rocky | | |
| 1337508 | Sphagnum Moss < 30cm | Good | Coarse | Rocky | |
| 1337509 | Sphagnum Moss < 30cm | Excellent | Rocky | Bright Orange Rust | |
| 1337510 | Reindeer Moss | Poor | Rocky | Outcrop Nearby | |
| 1337511 | Sphagnum Moss < 30cm | Poor | Rocky Terrain | Outcrop Nearby | |
| 1337512 | Reindeer Moss | Good | Rocky Terrain | Outcrop Nearby | |
| 1337513 | Leaf Cover | Good | Rocky | | |
| 1337514 | Thin Moss Cover | Poor | Rocky Terrain | Outcrop Nearby | |
| 1337515 | Thin Moss Cover | Good | Rocky | Outcrop Nearby | |
| 1337516 | Thin Moss Cover | Excellent | Bright Orange Rust | Rocky | |
| 1337517 | Thin Moss Cover | Good | Rocky | | |
| 1337518 | Leaf Cover | Good | Rocky | | |
| 1337519 | Thin Moss Cover | Poor | Rocky Terrain | | |
| 1337520 | Thin Moss Cover | Excellent | Rocky | | |
| 1337521 | Thin Moss Cover | Good | Coarse | Rocky | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1334480 | | 1334480 | -1 | 3801 | 1463 | 243 | -1 | 216 | 5256 | 92 | 2297 | 50 | 2070 | 42 |
| 1334481 | | 1334481 | -1 | 3293 | 1480 | 218 | -1 | 191 | 1099 | 48 | 2969 | 51 | 1542 | 32 |
| 1334482 | | 1334482 | -1 | 3614 | 1637 | 228 | 760 | 76 | 3374 | 70 | 3753 | 57 | 1457 | 33 |
| 1334483 | | 1334483 | -1 | 3527 | 1872 | 228 | -1 | 192 | 1770 | 53 | 3758 | 55 | 2516 | 40 |
| 1334484 | | 1334484 | -1 | 3638 | 1983 | 236 | 260 | 69 | 1396 | 50 | 3513 | 54 | 3139 | 45 |
| 1334485 | | 1334485 | -1 | 3845 | 1721 | 241 | -1 | 204 | 3846 | 76 | 2239 | 47 | 1769 | 41 |
| 1334486 | | 1334486 | -1 | 4244 | 1967 | 282 | -1 | 238 | 3346 | 80 | 3366 | 61 | 1968 | 45 |
| 1334487 | | 1334487 | -1 | 4563 | 1319 | 245 | -1 | 340 | 850 | 44 | 13511 | 105 | 44465 | 239 |
| 1334488 | | 1334488 | -1 | 3846 | 1735 | 244 | -1 | 207 | 1798 | 59 | 3365 | 57 | 986 | 32 |
| 1334489 | | 1334489 | -1 | 3846 | 1951 | 251 | -1 | 207 | 2108 | 61 | 3140 | 54 | 2514 | 44 |
| 1334490 | | 1334490 | -1 | 3145 | 995 | 201 | -1 | 183 | 2656 | 62 | 1476 | 39 | 1985 | 38 |
| 1334491 | | 1334491 | -1 | 3058 | 1486 | 206 | -1 | 181 | 1872 | 53 | 1155 | 35 | 2047 | 37 |
| 1334492 | | 1334492 | -1 | 3006 | 1377 | 191 | 226 | 56 | 1964 | 51 | 2010 | 40 | 1266 | 30 |
| 1334493 | | 1334493 | -1 | 3147 | 1299 | 202 | 485 | 67 | 1563 | 51 | 1125 | 35 | 1282 | 30 |
| 1334494 | | 1334494 | -1 | 2975 | 696 | 173 | -1 | 167 | 745 | 39 | 1636 | 38 | 1471 | 30 |
| 1334495 | | 1334495 | -1 | 3055 | 1799 | 210 | 239 | 61 | 2091 | 53 | 2769 | 46 | 2427 | 37 |
| 1334496 | | 1334496 | -1 | 3582 | 1142 | 213 | 319 | 68 | 1819 | 57 | 3733 | 57 | 1087 | 30 |
| 1334497 | | 1334497 | -1 | 3286 | 1535 | 214 | 203 | 64 | 1474 | 49 | 2817 | 48 | 2329 | 39 |
| 1334498 | | 1334498 | -1 | 3433 | 1970 | 230 | -1 | 195 | 2067 | 57 | 2836 | 49 | 3496 | 47 |
| 1334499 | | 1334499 | -1 | 3080 | 1703 | 204 | -1 | 160 | 1184 | 44 | 3283 | 50 | 817 | 24 |
| 1334500 | | 1334500 | -1 | 4266 | 2622 | 285 | -1 | 211 | 2572 | 69 | 3680 | 61 | 1706 | 41 |
| 1337502 | | 1337502 | -1 | 3583 | 1575 | 235 | -1 | 204 | 1221 | 53 | 2171 | 47 | 1354 | 34 |
| 1337503 | | 1337503 | -1 | 4517 | 1768 | 287 | 543 | 93 | 8390 | 124 | 2749 | 58 | 2014 | 48 |
| 1337504 | | 1337504 | -1 | 3874 | 1542 | 262 | -1 | 242 | 2229 | 70 | 1337 | 43 | 1419 | 41 |
| 1337505 | | 1337505 | -1 | 3744 | 1155 | 243 | -1 | 219 | 4820 | 90 | 301 | 32 | 1783 | 42 |
| 1337506 | | 1337506 | -1 | 2884 | 1063 | 189 | -1 | 167 | 1401 | 48 | 335 | 27 | 1671 | 34 |
| 1337507 | | 1337507 | -1 | 3758 | 1626 | 241 | 216 | 71 | 3227 | 73 | 1953 | 45 | 1392 | 38 |
| 1337508 | | 1337508 | -1 | 5821 | 2845 | 404 | -1 | 351 | 6624 | 141 | 4325 | 86 | 2591 | 63 |
| 1337509 | | 1337509 | -1 | 3965 | 1683 | 247 | 519 | 78 | 5199 | 90 | 2902 | 54 | 1469 | 36 |
| 1337510 | | 1337510 | -1 | 3686 | 890 | 219 | -1 | 203 | 4123 | 82 | 1363 | 41 | 1545 | 36 |
| 1337511 | | 1337511 | -1 | 3057 | 1079 | 200 | 242 | 65 | 3114 | 70 | 2012 | 44 | 1360 | 31 |
| 1337512 | | 1337512 | -1 | 4619 | 1956 | 287 | -1 | 281 | 2935 | 78 | 4499 | 70 | 7744 | 85 |
| 1337513 | | 1337513 | -1 | 5305 | 1627 | 310 | 465 | 129 | 3913 | 91 | 8022 | 96 | 27523 | 202 |
| 1337514 | | 1337514 | -1 | 5089 | 2092 | 299 | -1 | 389 | 2864 | 73 | 8067 | 88 | 42930 | 264 |
| 1337515 | | 1337515 | -1 | 3888 | 1120 | 238 | -1 | 222 | 1912 | 64 | 2150 | 49 | 1956 | 41 |
| 1337516 | | 1337516 | -1 | 3825 | 1102 | 239 | -1 | 220 | 6893 | 107 | 1025 | 41 | 2450 | 47 |
| 1337517 | | 1337517 | -1 | 4639 | 2995 | 330 | -1 | 267 | 11387 | 151 | 2563 | 60 | 3026 | 57 |
| 1337518 | | 1337518 | -1 | 4928 | 3822 | 390 | -1 | 294 | 2432 | 90 | 1466 | 52 | 1703 | 50 |
| 1337519 | | 1337519 | -1 | 3144 | 1398 | 203 | -1 | 215 | 2253 | 55 | 2803 | 46 | 10044 | 79 |
| 1337520 | | 1337520 | -1 | 3872 | 1282 | 240 | -1 | 213 | 5290 | 90 | 2919 | 54 | 2075 | 43 |
| 1337521 | | 1337521 | -1 | 5007 | 2167 | 322 | 730 | 106 | 6715 | 120 | 2547 | 60 | 2508 | 55 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1334480 | 37 | 4 | 220 | 5 | 19403 | 115 | 269 | 25 | -1 | 16 | 33 | 3 | 52 | 2 | **18** |
| 1334481 | 20 | 3 | 86 | 3 | 11832 | 70 | 339 | 18 | -1 | 13 | 22 | 2 | 39 | 2 | **12.6** |
| 1334482 | 22 | 3 | 136 | 4 | 18764 | 109 | 332 | 24 | -1 | 15 | 14 | 2 | 97 | 3 | **10.2** |
| 1334483 | 30 | 3 | 122 | 4 | 18702 | 109 | 374 | 24 | -1 | 16 | 23 | 2 | 121 | 3 | **8.8** |
| 1334484 | 35 | 3 | 127 | 4 | 20102 | 117 | 478 | 26 | -1 | 16 | 26 | 3 | 50 | 2 | **15** |
| 1334485 | 49 | 4 | 220 | 5 | 21276 | 124 | 344 | 26 | -1 | 17 | 33 | 3 | 82 | 3 | **25.4** |
| 1334486 | 54 | 4 | 142 | 5 | 33013 | 172 | 742 | 32 | -1 | 17 | 43 | 3 | 82 | 3 | **20.5** |
| 1334487 | -1 | 8 | 40 | 2 | 5867 | 45 | 175 | 14 | -1 | 13 | 8 | 2 | 40 | 2 | **-1** |
| 1334488 | 25 | 3 | 113 | 4 | 15796 | 88 | 314 | 21 | -1 | 14 | 16 | 2 | 55 | 2 | **11.2** |
| 1334489 | 36 | 4 | 153 | 4 | 25719 | 146 | 522 | 29 | -1 | 17 | 23 | 3 | 159 | 4 | **32.9** |
| 1334490 | 39 | 3 | 131 | 4 | 18648 | 110 | 494 | 25 | -1 | 16 | 31 | 3 | 125 | 3 | **13.5** |
| 1334491 | 25 | 3 | 103 | 3 | 11470 | 74 | 223 | 19 | -1 | 14 | 11 | 2 | 53 | 2 | **6.4** |
| 1334492 | 22 | 3 | 147 | 3 | 13344 | 83 | 188 | 20 | -1 | 14 | 12 | 2 | 168 | 3 | **4.5** |
| 1334493 | 26 | 3 | 83 | 3 | 12269 | 71 | 340 | 18 | -1 | 12 | 14 | 2 | 46.7 | 2 | **6.8** |
| 1334494 | 19 | 2 | 242 | 4 | 9126 | 61 | 290 | 17 | -1 | 13 | 18 | 2 | 90 | 3 | **-1** |
| 1334495 | 30 | 3 | 141 | 3 | 13917 | 85 | 243 | 21 | -1 | 14 | 20 | 2 | 73 | 2 | **-1** |
| 1334496 | 26 | 3 | 202 | 4 | 12224 | 70 | 177 | 17 | -1 | 12 | 17 | 2 | 45.4 | 2 | **5.9** |
| 1334497 | 25 | 3 | 130 | 4 | 15260 | 93 | 349 | 22 | -1 | 15 | 21 | 2 | 60 | 2 | **12.4** |
| 1334498 | 44 | 3 | 58 | 3 | 15808 | 96 | 398 | 23 | -1 | 15 | 15 | 2 | 44 | 2 | **-1** |
| 1334499 | 24 | 3 | 126 | 3 | 11617 | 74 | 128 | 19 | -1 | 13 | 14 | 2 | 54 | 2 | **-1** |
| 1334500 | 42 | 4 | 127 | 4 | 27906 | 146 | 617 | 29 | -1 | 16 | 31 | 3 | 87 | 3 | **7.6** |
| 1337502 | 25 | 3 | 87 | 3 | 12097 | 71 | 313 | 19 | -1 | 13 | -1 | 6 | 39.2 | 2 | **-1** |
| 1337503 | 57 | 5 | 108 | 5 | 34419 | 190 | 691 | 34 | -1 | 18 | 28 | 3 | 47 | 2 | **-1** |
| 1337504 | 32 | 4 | 123 | 4 | 16032 | 89 | 304 | 21 | -1 | 13 | -1 | 6 | 44.2 | 2 | **9.1** |
| 1337505 | 34 | 4 | 336 | 6 | 29728 | 165 | 487 | 31 | -1 | 17 | 38 | 3 | 60 | 2 | **-1** |
| 1337506 | 22 | 3 | 79 | 3 | 10619 | 63 | 303 | 17 | -1 | 12 | 18 | 2 | 44.2 | 2 | **8.6** |
| 1337507 | 32 | 4 | 216 | 5 | 18358 | 106 | 310 | 24 | -1 | 15 | 11 | 2 | 57 | 2 | **12.5** |
| 1337508 | 59 | 6 | 996 | 13 | 25078 | 151 | 303 | 30 | -1 | 17 | 25 | 3 | 48 | 3 | **32.9** |
| 1337509 | 30 | 3 | 320 | 6 | 17745 | 105 | 261 | 24 | -1 | 15 | 9 | 2 | 63 | 2 | **20.5** |
| 1337510 | 32 | 3 | 125 | 4 | 18419 | 107 | 349 | 24 | -1 | 15 | -1 | 6 | 41.2 | 2 | **15.8** |
| 1337511 | 16 | 2 | 104 | 3 | 4331 | 34 | -1 | 31 | -1 | 10 | -1 | 5 | 23.9 | 2 | **20.6** |
| 1337512 | 28 | 4 | 127 | 4 | 19294 | 105 | 357 | 23 | -1 | 14 | 18 | 2 | 60 | 2 | **21.3** |
| 1337513 | -1 | 12 | 112 | 4 | 14530 | 84 | 206 | 20 | -1 | 13 | 14 | 2 | 71 | 2 | **9.6** |
| 1337514 | -1 | 11 | 39 | 3 | 15427 | 86 | 535 | 21 | -1 | 13 | 12 | 2 | 58 | 2 | **-1** |
| 1337515 | 35 | 4 | 88 | 4 | 17775 | 98 | 457 | 23 | -1 | 14 | 16 | 2 | 48 | 2 | **24.5** |
| 1337516 | 49 | 4 | 95 | 4 | 23454 | 135 | 346 | 28 | -1 | 16 | 11 | 2 | 45 | 2 | **19.6** |
| 1337517 | 71 | 5 | 167 | 5 | 38081 | 197 | 584 | 34 | -1 | 17 | 22 | 2 | 52 | 2 | **38.6** |
| 1337518 | 40 | 5 | 91 | 5 | 16732 | 103 | 301 | 24 | -1 | 15 | 9 | 2 | 20.2 | 2 | **10.5** |
| 1337519 | -1 | 8 | 63 | 3 | 10330 | 66 | 225 | 18 | -1 | 13 | 7 | 2 | 33.3 | 2 | **3.5** |
| 1337520 | 34 | 4 | 111 | 4 | 26449 | 149 | 482 | 30 | -1 | 17 | 37 | 3 | 56 | 2 | **26.5** |
| 1337521 | 55 | 5 | 197 | 6 | 28278 | 152 | 513 | 29 | -1 | 17 | 33 | 3 | 83 | 3 | **37** |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1334480 | 1.4 | -1 | 1.8 | 70.6 | 1.2 | 59 | 5 | 256 | 19 | -1 | -19.3 | -1 | 6 | -1 | 8 | -1 |
| 1334481 | 1.2 | -1 | 1.6 | 67.6 | 1.1 | 63 | 6 | 215 | 18 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1334482 | 1.2 | -1 | 1.7 | 67.9 | 1.2 | 62 | 5 | 173 | 13 | -1 | -16.8 | -1 | 6 | -1 | 9 | -1 |
| 1334483 | 1.3 | -1 | 1.8 | 85.5 | 1.3 | 86 | 7 | 181 | 15 | -1 | 18 | -1 | 8 | -1 | 10 | -1 |
| 1334484 | 1.3 | -1 | 1.7 | 79.9 | 1.3 | 64 | 5 | 165 | 12 | -1 | 16 | -1 | 6 | -1 | 8 | -1 |
| 1334485 | 1.4 | -1 | 1.9 | 76.2 | 1.3 | 84 | 7 | 273 | 20 | -1 | -19.8 | -1 | 6 | -1 | 9 | -1 |
| 1334486 | 1.3 | -1 | 1.8 | 210 | 2 | 135 | 11 | 317 | 25 | -1 | 22 | -1 | 7 | -1 | 8 | -1 |
| 1334487 | 3.1 | -1 | 1.7 | 28.9 | 0.8 | 45 | 4 | 235 | 18 | -1 | -19.4 | -1 | 7 | -1 | 10 | -1 |
| 1334488 | 1.2 | -1 | 1.6 | 90.8 | 1.3 | 75 | 7 | 194 | 16 | -1 | -20.5 | -1 | 7 | -1 | 10 | -1 |
| 1334489 | 1.6 | -1 | 1.9 | 138.3 | 1.7 | 162 | 14 | 601 | 52 | -1 | 32 | -1 | 8 | -1 | 11 | -1 |
| 1334490 | 1.4 | -1 | 1.8 | 122.1 | 1.6 | 124 | 10 | 372 | 30 | -1 | -25 | -1 | 8 | -1 | 10 | -1 |
| 1334491 | 1.1 | -1 | 1.7 | 38.1 | 0.9 | 69 | 6 | 232 | 17 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |
| 1334492 | 1.1 | -1 | 1.7 | 47.8 | 1 | 54 | 4 | 288 | 20 | -1 | -18.9 | -1 | 6 | -1 | 8 | -1 |
| 1334493 | 1.1 | -1 | 1.6 | 52.7 | 1 | 85 | 8 | 287 | 25 | -1 | -23.8 | -1 | 8 | -1 | 11 | -1 |
| 1334494 | 3.4 | -1 | 1.5 | 42.4 | 0.9 | 89 | 8 | 216 | 18 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1334495 | 3.4 | -1 | 1.7 | 44.1 | 1 | 68 | 6 | 300 | 23 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1334496 | 1.1 | -1 | 1.5 | 31.7 | 0.8 | 63 | 7 | 275 | 26 | -1 | -25.4 | -1 | 9 | -1 | 13 | -1 |
| 1334497 | 1.2 | -1 | 1.8 | 78 | 1.3 | 59 | 5 | 230 | 17 | -1 | 18 | -1 | 6 | -1 | 8 | -1 |
| 1334498 | 3.6 | -1 | 1.7 | 219 | 2 | 166 | 15 | 195 | 17 | -1 | -20.6 | -1 | 8 | -1 | 11 | -1 |
| 1334499 | 3.1 | -1 | 1.7 | 35 | 0.9 | 50 | 4 | 334 | 25 | -1 | 22 | -1 | 7 | -1 | 9 | -1 |
| 1334500 | 1.4 | -1 | 1.8 | 139.3 | 1.6 | 85 | 7 | 180 | 14 | -1 | 17 | -1 | 6 | -1 | 8 | -1 |
| 1337502 | 3 | -1 | 1.5 | 54.5 | 1 | 78 | 8 | 270 | 24 | -1 | -24.3 | -1 | 9 | -1 | 12 | -1 |
| 1337503 | 5.8 | -1 | 2 | 157.5 | 1.9 | 121 | 10 | 228 | 19 | -1 | -21.6 | -1 | 8 | -1 | 10 | -1 |
| 1337504 | 1.1 | -1 | 1.5 | 31.8 | 0.8 | 65 | 6 | 188 | 17 | -1 | -21 | -1 | 8 | -1 | 11 | -1 |
| 1337505 | 4.1 | -1 | 1.8 | 146.8 | 1.8 | 95 | 7 | 168 | 13 | -1 | -18.6 | -1 | 6 | -1 | 9 | -1 |
| 1337506 | 1.1 | -1 | 1.6 | 51.8 | 1 | 83 | 8 | 219 | 19 | -1 | -21.8 | -1 | 8 | -1 | 11 | -1 |
| 1337507 | 1.2 | -1 | 1.6 | 77.6 | 1.2 | 107 | 9 | 180 | 14 | -1 | -19.1 | -1 | 7 | -1 | 10 | -1 |
| 1337508 | 1.6 | -1 | 1.9 | 168 | 2 | 116 | 13 | 198 | 22 | -1 | 25 | -1 | 10 | -1 | 14 | -1 |
| 1337509 | 1.4 | -1 | 1.8 | 96.3 | 1.4 | 97 | 8 | 221 | 17 | -1 | -19.3 | -1 | 7 | -1 | 9 | -1 |
| 1337510 | 1.3 | -1 | 1.7 | 55.8 | 1.1 | 91 | 8 | 242 | 21 | -1 | -22.5 | -1 | 8 | -1 | 11 | -1 |
| 1337511 | 1.1 | -1 | 1.5 | 19 | 0.7 | 109 | 11 | 306 | 29 | -1 | 26 | -1 | 9 | -1 | 13 | -1 |
| 1337512 | 1.2 | -1 | 1.7 | 61.5 | 1.1 | 74 | 6 | 197 | 16 | -1 | -19.8 | -1 | 6 | -1 | 9 | -1 |
| 1337513 | 1.1 | -1 | 1.6 | 67.9 | 1.1 | 78 | 7 | 181 | 16 | -1 | -20.7 | -1 | 8 | -1 | 10 | -1 |
| 1337514 | 3.2 | -1 | 1.6 | 110.9 | 1.4 | 108 | 10 | 151 | 14 | -1 | -20.4 | -1 | 8 | -1 | 12 | -1 |
| 1337515 | 1.4 | -1 | 1.7 | 84.6 | 1.2 | 98 | 9 | 167 | 15 | -1 | -21 | -1 | 8 | -1 | 11 | -1 |
| 1337516 | 1.4 | -1 | 1.9 | 140.2 | 1.7 | 139 | 12 | 311 | 25 | -1 | 23 | -1 | 8 | -1 | 10 | -1 |
| 1337517 | 1.9 | -1 | 1.9 | 161.8 | 1.8 | 143 | 12 | 188 | 16 | -1 | 19 | -1 | 7 | -1 | 10 | -1 |
| 1337518 | 1.3 | -1 | 1.8 | 41.2 | 1 | 74 | 9 | 272 | 30 | -1 | -29.2 | -1 | 11 | -1 | 15 | -1 |
| 1337519 | 1.1 | -1 | 1.5 | 49.8 | 1 | 105 | 10 | 259 | 23 | -1 | 23 | -1 | 9 | -1 | 12 | -1 |
| 1337520 | 1.6 | -1 | 1.9 | 139.9 | 1.7 | 136 | 11 | 218 | 17 | -1 | -19.4 | -1 | 7 | -1 | 10 | -1 |
| 1337521 | 1.7 | -1 | 1.8 | 132.6 | 1.6 | 113 | 10 | 240 | 20 | -1 | -21.5 | -1 | 7 | -1 | 10 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1334480 | 12 | -1 | 15 | 335 | 15 | -1 | 15 | -1 | 3.9 | 21.4 | 1.6 | Soil | PASS | 88.24 |
| 1334481 | 14 | -1 | 18 | 154 | 11 | -1 | 14 | -1 | 3.6 | 24.4 | 1.5 | Soil | PASS | 90.61 |
| 1334482 | 12 | -1 | 16 | 172 | 12 | -1 | 14 | -1 | 4 | 16 | 1.5 | Soil | PASS | 88.24 |
| 1334483 | 14 | -1 | 18 | 257 | 14 | -1 | 15 | -1 | 3.9 | 25.5 | 1.6 | Soil | PASS | 88.39 |
| 1334484 | 11 | -1 | 15 | 249 | 15 | -1 | 15 | -1 | 4 | 20 | 1.6 | Soil | PASS | 88.1 |
| 1334485 | 12 | -1 | 16 | 533 | 17 | -1 | 16 | -1 | 4.1 | 17.6 | 1.6 | Soil | PASS | 87.93 |
| 1334486 | 12 | -1 | 15 | 377 | 17 | -1 | 15 | 4.6 | 1.4 | 15.2 | 1.6 | Soil | PASS | 90.36 |
| 1334487 | 14 | -1 | 18 | 1119 | 37 | -1 | 13 | -1 | 3.4 | 16 | 1.4 | Soil | PASS | 88.02 |
| 1334488 | 14 | -1 | 18 | 234 | 13 | -1 | 14 | -1 | 3.5 | 20.7 | 1.5 | Soil | PASS | 90.29 |
| 1334489 | 15 | -1 | 20 | 300 | 15 | -1 | 17 | -1 | 4.2 | 22.1 | 1.7 | Soil | PASS | 88.25 |
| 1334490 | 14 | -1 | 18 | 305 | 14 | -1 | 15 | -1 | 4.1 | 25.5 | 1.7 | Soil | PASS | 88.06 |
| 1334491 | 12 | -1 | 17 | 324 | 13 | -1 | 15 | -1 | 3.7 | 15.3 | 1.5 | Soil | PASS | 88.08 |
| 1334492 | 11 | -1 | 14 | 286 | 11 | -1 | 14 | -1 | 3.7 | 17.1 | 1.5 | Soil | PASS | 88.27 |
| 1334493 | 15 | -1 | 21 | 204 | 11 | -1 | 13 | -1 | 3.3 | 17.8 | 1.4 | Soil | PASS | 90.26 |
| 1334494 | 14 | -1 | 19 | 188 | 11 | -1 | 13 | -1 | 3.4 | 21.8 | 1.5 | Soil | PASS | 88.32 |
| 1334495 | 14 | -1 | 18 | 236 | 13 | -1 | 14 | -1 | 3.8 | 20.2 | 1.5 | Soil | PASS | 88.1 |
| 1334496 | 17 | -1 | 23 | 177 | 11 | -1 | 13 | -1 | 3.1 | 18.3 | 1.4 | Soil | PASS | 90.52 |
| 1334497 | 11 | -1 | 15 | 290 | 14 | -1 | 15 | -1 | 3.9 | 14.4 | 1.5 | Soil | PASS | 88.21 |
| 1334498 | 16 | -1 | 20 | 304 | 15 | -1 | 14 | -1 | 4 | 21.6 | 1.6 | Soil | PASS | 88.2 |
| 1334499 | 13 | -1 | 17 | 136 | 9 | -1 | 14 | -1 | 3.8 | 14.1 | 1.4 | Soil | PASS | 88.29 |
| 1334500 | 12 | -1 | 15 | 358 | 16 | -1 | 15 | -1 | 3.9 | 36.6 | 1.8 | Soil | PASS | 90.4 |
| 1337502 | 16 | -1 | 21 | 196 | 12 | -1 | 13 | -1 | 3.4 | 13.3 | 1.3 | Soil | PASS | 90.62 |
| 1337503 | 14 | -1 | 18 | 514 | 19 | -1 | 16 | -1 | 4.1 | 83 | 3 | Soil | PASS | 88.46 |
| 1337504 | 15 | -1 | 20 | 401 | 16 | -1 | 13 | -1 | 3.4 | 14.4 | 1.4 | Soil | PASS | 90.57 |
| 1337505 | 12 | -1 | 15 | 354 | 16 | -1 | 14 | -1 | 4.2 | 33.2 | 1.9 | Soil | PASS | 88.26 |
| 1337506 | 15 | -1 | 20 | 265 | 12 | -1 | 13 | -1 | 3.3 | 15.7 | 1.3 | Soil | PASS | 90.25 |
| 1337507 | 14 | -1 | 18 | 406 | 15 | -1 | 14 | -1 | 3.7 | 17.1 | 1.5 | Soil | PASS | 88.32 |
| 1337508 | 19 | -1 | 25 | 490 | 23 | -1 | 17 | -1 | 4.2 | 16.4 | 1.7 | Soil | PASS | 91.28 |
| 1337509 | 13 | -1 | 16 | 238 | 14 | -1 | 16 | -1 | 4 | 19.8 | 1.6 | Soil | PASS | 88.37 |
| 1337510 | 16 | -1 | 21 | 230 | 14 | -1 | 15 | -1 | 3.8 | 15.6 | 1.5 | Soil | PASS | 88.32 |
| 1337511 | 18 | -1 | 23 | 216 | 11 | -1 | 13 | -1 | 3.2 | 7.9 | 1.2 | Soil | PASS | 90.47 |
| 1337512 | 12 | -1 | 16 | 731 | 25 | -1 | 15 | -1 | 3.7 | 14 | 1.4 | Soil | PASS | 90.61 |
| 1337513 | 15 | -1 | 20 | 962 | 38 | -1 | 13 | -1 | 3.6 | 17.4 | 1.4 | Soil | PASS | 90.82 |
| 1337514 | 16 | -1 | 22 | 1271 | 42 | -1 | 13 | -1 | 3.5 | 19.7 | 1.5 | Soil | PASS | 90.38 |
| 1337515 | 16 | -1 | 21 | 217 | 14 | -1 | 15 | -1 | 3.4 | 23.6 | 1.5 | Soil | PASS | 90.64 |
| 1337516 | 14 | -1 | 18 | 469 | 17 | -1 | 16 | 4.8 | 1.4 | 19.9 | 1.6 | Soil | PASS | 88.26 |
| 1337517 | 14 | -1 | 17 | 568 | 21 | -1 | 16 | -1 | 4.1 | 51 | 2 | Soil | PASS | 90.45 |
| 1337518 | 20 | -1 | 27 | 370 | 19 | -1 | 15 | -1 | 3.8 | 16.9 | 1.6 | Soil | PASS | 91.23 |
| 1337519 | 17 | -1 | 23 | 487 | 20 | -1 | 13 | -1 | 3.5 | 20.6 | 1.5 | Soil | PASS | 88.23 |
| 1337520 | 14 | -1 | 18 | 397 | 16 | -1 | 16 | -1 | 3.9 | 31.7 | 1.8 | Soil | PASS | 88.12 |
| 1337521 | 14 | -1 | 18 | 547 | 21 | -1 | 16 | -1 | 4 | 40.3 | 1.9 | Soil | PASS | 90.61 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337522 | HES | 8 | 568708 | 7025061 | Chocolate Brown | Sand | Damp | Flat | 40 | B | Poplar |
| 1337523 | HES | 8 | 568688 | 7025065 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Poplar |
| 1337524 | HES | 8 | 568667 | 7025070 | Chocolate Brown | Clay | Damp | Flat | 20 | B | Poplar |
| 1337525 | HES | 8 | 568667 | 7025070 | Chocolate Brown | Clay | Damp | Flat | 20 | B | Poplar |
| 1337526 | HES | 8 | 568647 | 7025072 | Reddish Yellow | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1337527 | HES | 8 | 568630 | 7025086 | Chocolate Brown | Sand | Damp | Flat | 40 | B | Birch Forest |
| 1337528 | HES | 8 | 568621 | 7025104 | Chocolate Brown | Clay | Damp | Subtle Slope | 50 | B | Dwarf Birch |
| 1337529 | HES | 8 | 568606 | 7025117 | Reddish Brown | Sand | Damp | Flat | 30 | B | Birch Forest |
| 1337530 | HES | 8 | 568857 | 7025137 | Chocolate Brown | Gravel | Damp | Flat | 40 | C | Poplar |
| 1337531 | HES | 8 | 568839 | 7025147 | Reddish Brown | Sand | Damp | Subtle Slope | 40 | C | Birch Forest |
| 1337532 | HES | 8 | 568821 | 7025156 | Reddish Brown | Sand | Damp | Subtle Slope | 30 | C | Poplar |
| 1337533 | HES | 8 | 568803 | 7025168 | Reddish Brown | Gravel | Damp | Subtle Slope | 30 | B | Birch Forest |
| 1337534 | HES | 8 | 568789 | 7025184 | Reddish Brown | Clay | Damp | Flat | 30 | B | Subalpine Fir |
| 1337535 | HES | 8 | 568771 | 7025193 | Reddish Brown | Clay | Wet | Subtle Slope | 30 | B | Birch Forest |
| 1337536 | HES | 8 | 568751 | 7025198 | Chocolate Brown | Gravel | Damp | Subtle Slope | 50 | C | Poplar |
| 1337537 | HES | 8 | 568734 | 7025212 | Chocolate Brown | Clay | Wet | Subtle Slope | 30 | B | Poplar |
| 1337538 | HES | 8 | 568715 | 7025221 | Chocolate Brown | Clay | Wet | Subtle Slope | 70 | B | Subalpine Fir |
| 1337539 | HES | 8 | 568698 | 7025233 | Dark Brown | Gravel | Damp | Pronounced Slope | 30 | C | Poplar |
| 1337540 | HES | 8 | 568683 | 7025248 | Greyish Green | Sand | Damp | Flat | 40 | C | Poplar |
| 1337541 | HES | 8 | 568668 | 7025261 | Reddish Brown | Clay | Wet | Subtle Slope | 20 | B | Birch Forest |
| 1337542 | HES | 8 | 568651 | 7025274 | Grey | Clay | Wet | Subtle Slope | 30 | B | Pine |
| 1337543 | HES | 8 | 568646 | 7025293 | Chocolate Brown | Sand | Damp | Steep | 20 | B | Birch Forest |
| 1337544 | HES | 8 | 568633 | 7025309 | Chocolate Brown | Gravel | Damp | Subtle Slope | 20 | C | Poplar |
| 1337545 | HES | 8 | 568623 | 7025327 | Light Grey | Sand | Damp | Subtle Slope | 50 | C | Pine |
| 1337546 | HES | 8 | 568609 | 7025342 | Reddish Brown | Clay | Damp | Flat | 30 | B | Pine |
| 1337547 | HES | 8 | 568592 | 7025353 | Grey | Gravel | Damp | Flat | 20 | C | Pine |
| 1337548 | HES | 8 | 568581 | 7025371 | Chocolate Brown | Clay | Damp | Subtle Slope | 20 | B | Poplar |
| 1337549 | HES | 8 | 568563 | 7025381 | Pale Greenish | Sand | Damp | Subtle Slope | 50 | C | Pine |
| 1337550 | HES | 8 | 568548 | 7025395 | Pale Greenish | Sand | Damp | Subtle Slope | 50 | C | Birch Forest |
| 1337552 | HES | 8 | 568531 | 7025407 | Pale Greenish | Gravel | Damp | Subtle Slope | 40 | C | Poplar |
| 1337553 | HES | 8 | 568509 | 7025416 | Grey | Sand | Damp | Subtle Slope | 40 | C | Birch Forest |
| 1337554 | HES | 8 | 567798 | 7025670 | Chocolate Brown | Clay | Damp | Subtle Slope | 30 | B | Poplar |
| 1337555 | HES | 8 | 567816 | 7025667 | Chocolate Brown | Clay | Damp | Subtle Slope | 30 | B | Poplar |
| 1337556 | HES | 8 | 567837 | 7025662 | Pale Greenish | Sand | Damp | Flat | 40 | C | Pine |
| 1337557 | HES | 8 | 567857 | 7025664 | Pale Greenish | Sand | Damp | Subtle Slope | 30 | B | Poplar |
| 1337558 | HES | 8 | 567876 | 7025656 | Light Grey | Sand | Damp | Flat | 40 | B | Poplar |
| 1337559 | HES | 8 | 567895 | 7025653 | Chocolate Brown | Sand | Dry | Flat | 60 | B | Poplar |
| 1337560 | HES | 8 | 567914 | 7025648 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Poplar |
| 1337561 | HES | 8 | 567646 | 7025488 | Pale Greenish | Sand | Damp | Subtle Slope | 50 | B | Poplar |
| 1337562 | HES | 8 | 567664 | 7025481 | Pale Greenish | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1337563 | HES | 8 | 567682 | 7025473 | Pale Greenish | Sand | Damp | Subtle Slope | 40 | C | Subalpine Fir |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1337522 | Thin Moss Cover | Good | Rocky | | |
| 1337523 | Thin Moss Cover | Good | Rocky | | |
| 1337524 | Thin Moss Cover | Good | Rocky Terrain | Outcrop Nearby | |
| 1337525 | Thin Moss Cover | Good | Rocky Terrain | Outcrop Nearby | |
| 1337526 | Thin Moss Cover | Excellent | Coarse | Rocky | |
| 1337527 | Thin Moss Cover | Good | Coarse | Rocky Terrain | |
| 1337528 | Thin Moss Cover | Good | Rocky | | |
| 1337529 | Leaf Cover | Good | Clay | Rocky Terrain | |
| 1337530 | Leaf Cover | Good | Rocky Terrain | Outcrop Nearby | |
| 1337531 | Thin Moss Cover | Excellent | Coarse | Rocky | |
| 1337532 | Thin Moss Cover | Good | Coarse | Outcrop Nearby | |
| 1337533 | Sphagnum Moss < 30cm | Good | Outcrop Nearby | Rocky | |
| 1337534 | Reindeer Moss | Good | Rocky Terrain | Outcrop Nearby | |
| 1337535 | Thin Moss Cover | Good | Rocky | Outcrop Nearby | |
| 1337536 | Leaf Cover | Good | Clay | Rocky | |
| 1337537 | Leaf Cover | Good | Rocky Terrain | | |
| 1337538 | Bare Soil | Good | Rocky Terrain | Outcrop Nearby | |
| 1337539 | Bare Soil | Good | Rocky Terrain | Outcrop Nearby | |
| 1337540 | Bare Soil | Good | Clay | Outcrop Nearby | |
| 1337541 | Bare Soil | Poor | Rocky Terrain | Outcrop Nearby | |
| 1337542 | Rock Cover | Poor | Organic 25% | Outcrop Nearby | |
| 1337543 | Bare Soil | Good | Coarse | Rocky Terrain | |
| 1337544 | Bare Soil | Good | Rocky Terrain | Outcrop Nearby | |
| 1337545 | Grass Cover | Good | Coarse | Rocky Terrain | |
| 1337546 | Needle Cover | Good | Rocky Terrain | Outcrop Nearby | |
| 1337547 | Needle Cover | Good | Rocky Terrain | Outcrop Nearby | |
| 1337548 | Thin Moss Cover | Good | Rocky Terrain | | |
| 1337549 | Needle Cover | Excellent | Coarse | Rocky Terrain | |
| 1337550 | Leaf Cover | Excellent | Coarse | Rocky | |
| 1337552 | Needle Cover | Good | Rocky Terrain | | |
| 1337553 | Sphagnum Moss < 30cm | Excellent | Coarse | Outcrop Nearby | |
| 1337554 | Thin Moss Cover | Good | Rocky Terrain | | |
| 1337555 | Thin Moss Cover | Good | Rocky Terrain | Outcrop Nearby | |
| 1337556 | Leaf Cover | Good | Rocky Terrain | | |
| 1337557 | Thin Moss Cover | Good | Rocky Terrain | | |
| 1337558 | Leaf Cover | Good | Coarse | Rocky | |
| 1337559 | Leaf Cover | Good | Fine | Rocky | |
| 1337560 | Thin Moss Cover | Good | Rocky Terrain | | |
| 1337561 | Thin Moss Cover | Good | Coarse | Rocky | |
| 1337562 | Reindeer Moss | Good | Coarse | Rocky | |
| 1337563 | Thin Moss Cover | Good | Coarse | Rocky | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337522 | | 1337522 | -1 | 4261 | 1732 | 278 | -1 | 254 | 3451 | 84 | 2585 | 56 | 1742 | 45 |
| 1337523 | | 1337523 | -1 | 3930 | 2037 | 262 | 757 | 87 | 4840 | 88 | 1446 | 42 | 3131 | 51 |
| 1337524 | | 1337524 | -1 | 2730 | 687 | 161 | -1 | 143 | 1745 | 47 | 720 | 29 | 1065 | 26 |
| 1337525 | 1337524 | 1337525 | -1 | 5285 | 2562 | 346 | -1 | 296 | 10325 | 151 | 2134 | 59 | 2908 | 59 |
| 1337526 | | 1337526 | -1 | 4091 | 1442 | 256 | -1 | 223 | 5027 | 92 | 1846 | 47 | 1568 | 41 |
| 1337527 | | 1337527 | -1 | 3683 | 1681 | 234 | -1 | 194 | 2531 | 65 | 2785 | 51 | 1352 | 34 |
| 1337528 | | 1337528 | -1 | 3880 | 1903 | 251 | -1 | 210 | 1955 | 62 | 2580 | 51 | 934 | 33 |
| 1337529 | | 1337529 | -1 | 3953 | 2004 | 270 | 326 | 80 | 3321 | 76 | 2492 | 51 | 1911 | 43 |
| 1337530 | | 1337530 | -1 | 4284 | 1791 | 273 | 353 | 85 | 7663 | 115 | 2219 | 52 | 2715 | 52 |
| 1337531 | | 1337531 | -1 | 3396 | 1797 | 224 | 271 | 64 | 1411 | 49 | 3466 | 53 | 909 | 27 |
| 1337532 | | 1337532 | -1 | 3427 | 1897 | 230 | -1 | 182 | 1465 | 50 | 1883 | 42 | 1165 | 32 |
| 1337533 | | 1337533 | -1 | 3550 | 3056 | 266 | -1 | 200 | 3554 | 73 | 1715 | 42 | 1556 | 35 |
| 1337534 | | 1337534 | -1 | 3173 | 1301 | 207 | -1 | 174 | 2084 | 57 | 1450 | 39 | 960 | 29 |
| 1337535 | | 1337535 | -1 | 6400 | -1 | 1163 | -1 | 437 | 3462 | 134 | 1138 | 60 | 1919 | 66 |
| 1337536 | | 1337536 | -1 | 5252 | 1987 | 331 | -1 | 308 | 5256 | 116 | 2959 | 66 | 1957 | 52 |
| 1337537 | | 1337537 | -1 | 4857 | 1275 | 290 | -1 | 276 | 3902 | 95 | 2810 | 61 | 1760 | 49 |
| 1337538 | | 1337538 | -1 | 4227 | 1579 | 270 | 648 | 91 | 6499 | 106 | 1544 | 46 | 2033 | 50 |
| 1337539 | | 1337539 | -1 | 3422 | 1456 | 221 | -1 | 189 | 2139 | 58 | 3368 | 54 | 1204 | 31 |
| 1337540 | | 1337540 | -1 | 4471 | 2007 | 291 | -1 | 249 | 5193 | 100 | 2654 | 57 | 1947 | 48 |
| 1337541 | | 1337541 | -1 | 5224 | 2068 | 332 | 544 | 106 | 5114 | 108 | 2411 | 59 | 2721 | 58 |
| 1337542 | | 1337542 | -1 | 3543 | 1724 | 222 | -1 | 188 | 3656 | 70 | 4673 | 61 | 1463 | 34 |
| 1337543 | | 1337543 | -1 | 3888 | 1500 | 246 | -1 | 218 | 4479 | 85 | 3826 | 61 | 1930 | 42 |
| 1337544 | | 1337544 | -1 | 3787 | 3537 | 278 | -1 | 202 | 3630 | 74 | 4938 | 65 | 1947 | 38 |
| 1337545 | | 1337545 | -1 | 4261 | 1709 | 262 | -1 | 239 | 10434 | 133 | 3224 | 60 | 2987 | 51 |
| 1337546 | | 1337546 | -1 | 2929 | 2045 | 212 | -1 | 173 | 1521 | 47 | 1142 | 33 | 1829 | 34 |
| 1337547 | | 1337547 | -1 | 3692 | 2332 | 269 | -1 | 218 | 4367 | 88 | 2282 | 51 | 1655 | 39 |
| 1337548 | | 1337548 | -1 | 4877 | 2756 | 366 | -1 | 322 | 3217 | 101 | 2283 | 62 | 1917 | 53 |
| 1337549 | | 1337549 | -1 | 4158 | 2724 | 284 | -1 | 271 | 3982 | 81 | 4241 | 63 | 12525 | 104 |
| 1337550 | | 1337550 | -1 | 3787 | 1614 | 241 | 379 | 74 | 4417 | 82 | 2425 | 49 | 1425 | 36 |
| 1337552 | | 1337552 | -1 | 4066 | 1957 | 264 | -1 | 205 | 4195 | 85 | 2745 | 54 | 1645 | 39 |
| 1337553 | | 1337553 | -1 | 4372 | 2868 | 286 | -1 | 299 | 3465 | 73 | 6497 | 75 | 24877 | 163 |
| 1337554 | | 1337554 | -1 | 4284 | 1493 | 257 | -1 | 323 | 3537 | 73 | 6954 | 77 | 30964 | 191 |
| 1337555 | | 1337555 | -1 | 3910 | 919 | 229 | -1 | 211 | 4659 | 87 | 1614 | 44 | 1797 | 43 |
| 1337556 | | 1337556 | -1 | 4249 | 1643 | 269 | -1 | 227 | 6481 | 109 | 2940 | 59 | 1661 | 41 |
| 1337557 | | 1337557 | -1 | 4367 | 1498 | 272 | -1 | 244 | 7305 | 115 | 1919 | 51 | 2021 | 46 |
| 1337558 | | 1337558 | -1 | 4942 | 2472 | 321 | -1 | 263 | 16515 | 188 | 3542 | 69 | 4018 | 64 |
| 1337559 | | 1337559 | -1 | 3406 | 1576 | 213 | -1 | 173 | 1270 | 48 | 2244 | 44 | 2027 | 37 |
| 1337560 | | 1337560 | -1 | 5034 | 2631 | 348 | -1 | 293 | 4549 | 108 | 3705 | 72 | 2261 | 55 |
| 1337561 | | 1337561 | -1 | 4273 | 2359 | 307 | -1 | 244 | 7885 | 126 | 2431 | 58 | 2118 | 47 |
| 1337562 | | 1337562 | -1 | 4784 | 2023 | 311 | -1 | 258 | 8785 | 138 | 2667 | 62 | 2232 | 50 |
| 1337563 | | 1337563 | -1 | 3974 | 1887 | 263 | -1 | 227 | 1411 | 59 | 3401 | 59 | 2119 | 42 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337522 | 44 | 4 | 130 | 5 | 24287 | 135 | 350 | 27 | -1 | 15 | 14 | 2 | 38 | 2 | **109** |
| 1337523 | 36 | 4 | 133 | 4 | 20422 | 119 | 342 | 26 | -1 | 16 | 22 | 3 | 162 | 3 | **21.2** |
| 1337524 | 18 | 2 | 78 | 3 | 10762 | 70 | 353 | 19 | -1 | 14 | 12 | 2 | 42.3 | 2 | **36.7** |
| 1337525 | 52 | 5 | 163 | 6 | 44844 | 234 | 655 | 37 | -1 | 19 | 31 | 3 | 73 | 3 | **39.9** |
| 1337526 | 40 | 4 | 122 | 4 | 28538 | 159 | 350 | 30 | -1 | 17 | 21 | 3 | 51 | 2 | **38** |
| 1337527 | 31 | 3 | 144 | 4 | 13062 | 81 | 198 | 20 | -1 | 14 | -1 | 6 | 39.2 | 2 | **10.9** |
| 1337528 | 23 | 3 | 109 | 4 | 17370 | 97 | 365 | 22 | -1 | 14 | 22 | 2 | 54 | 2 | **17.2** |
| 1337529 | 29 | 4 | 137 | 4 | 28041 | 156 | 380 | 30 | -1 | 17 | 12 | 2 | 79 | 3 | **28.2** |
| 1337530 | 52 | 4 | 131 | 4 | 24187 | 140 | 398 | 28 | -1 | 17 | 15 | 2 | 56 | 2 | **7.7** |
| 1337531 | 22 | 3 | 568 | 7 | 14655 | 89 | 114 | 21 | -1 | 14 | 13 | 2 | 36.4 | 2 | **350** |
| 1337532 | 28 | 3 | 113 | 4 | 19872 | 115 | 561 | 26 | -1 | 16 | 13 | 2 | 78 | 3 | **-1** |
| 1337533 | 35 | 3 | 279 | 5 | 16170 | 96 | 210 | 22 | -1 | 14 | -1 | 6 | 44 | 2 | **-1** |
| 1337534 | 23 | 3 | 80 | 3 | 15276 | 91 | 340 | 22 | -1 | 14 | 17 | 2 | 51 | 2 | **8.3** |
| 1337535 | 45 | 6 | 145 | 7 | 16627 | 117 | 288 | 27 | -1 | 18 | -1 | 8 | 40 | 3 | **12.1** |
| 1337536 | 62 | 5 | 156 | 5 | 20193 | 120 | 258 | 25 | -1 | 16 | 17 | 3 | 43 | 2 | **8** |
| 1337537 | 44 | 5 | 170 | 5 | 21100 | 117 | 311 | 25 | -1 | 16 | 35 | 3 | 67 | 2 | **17.6** |
| 1337538 | 79 | 5 | 203 | 5 | 28370 | 160 | 502 | 31 | -1 | 18 | 46 | 3 | 96 | 3 | **15.1** |
| 1337539 | 25 | 3 | 264 | 5 | 15066 | 91 | 199 | 21 | -1 | 14 | 10 | 2 | 37.3 | 2 | **7.9** |
| 1337540 | 65 | 5 | 182 | 5 | 29597 | 155 | 504 | 29 | 24 | 6 | 52 | 3 | 83 | 3 | **22.6** |
| 1337541 | 49 | 5 | 142 | 5 | 30116 | 157 | 513 | 30 | -1 | 16 | 16 | 2 | 52 | 2 | **15.6** |
| 1337542 | 32 | 3 | 1744 | 13 | 12910 | 80 | 111 | 19 | -1 | 13 | 7 | 2 | 110 | 3 | **18.3** |
| 1337543 | 40 | 4 | 279 | 5 | 19518 | 112 | 299 | 24 | -1 | 15 | 13 | 2 | 64 | 2 | **13.5** |
| 1337544 | 41 | 3 | 306 | 5 | 13675 | 84 | 135 | 20 | -1 | 14 | 7 | 2 | 65 | 2 | **4** |
| 1337545 | 69 | 4 | 124 | 4 | 20129 | 118 | 380 | 26 | -1 | 15 | 12 | 2 | 58 | 2 | **22.6** |
| 1337546 | 28 | 3 | 83 | 3 | 11530 | 74 | 207 | 19 | -1 | 14 | -1 | 6 | 30.1 | 2 | **9.2** |
| 1337547 | 37 | 3 | 128 | 4 | 12089 | 72 | 167 | 18 | -1 | 13 | 8 | 2 | 50 | 2 | **3.4** |
| 1337548 | 39 | 5 | 135 | 5 | 17947 | 113 | 216 | 25 | -1 | 16 | 10 | 2 | 29 | 2 | **14.9** |
| 1337549 | 19 | 4 | 151 | 4 | 18297 | 108 | 307 | 24 | -1 | 15 | 14 | 2 | 49 | 2 | **19.9** |
| 1337550 | 41 | 4 | 290 | 5 | 20803 | 120 | 268 | 25 | -1 | 16 | 33 | 3 | 45 | 2 | **34.1** |
| 1337552 | 32 | 4 | 216 | 5 | 21569 | 124 | 362 | 26 | -1 | 16 | 24 | 3 | 57 | 2 | **39.6** |
| 1337553 | -1 | 10 | 86 | 3 | 16871 | 99 | 372 | 23 | -1 | 14 | 25 | 2 | 51 | 2 | **15.1** |
| 1337554 | -1 | 10 | 101 | 3 | 12781 | 81 | 265 | 20 | -1 | 14 | 9 | 2 | 66 | 2 | **10.4** |
| 1337555 | 41 | 4 | 149 | 4 | 18243 | 108 | 288 | 24 | -1 | 15 | 14 | 2 | 74 | 3 | **12.5** |
| 1337556 | 47 | 4 | 128 | 4 | 17047 | 95 | 171 | 21 | -1 | 13 | 21 | 2 | 38 | 2 | **15.3** |
| 1337557 | 50 | 4 | 122 | 5 | 24506 | 139 | 296 | 28 | -1 | 16 | 19 | 2 | 56 | 2 | **15** |
| 1337558 | 85 | 5 | 93 | 4 | 28827 | 154 | 434 | 29 | -1 | 17 | 20 | 2 | 60 | 2 | **17.6** |
| 1337559 | 32 | 3 | 107 | 3 | 12114 | 77 | 318 | 20 | -1 | 14 | 19 | 2 | 54 | 2 | **7.7** |
| 1337560 | 40 | 5 | 176 | 6 | 19358 | 115 | 269 | 25 | -1 | 15 | 11 | 2 | 48 | 2 | **10.9** |
| 1337561 | 44 | 4 | 225 | 5 | 20316 | 114 | 259 | 24 | -1 | 16 | 25 | 3 | 47 | 2 | **16** |
| 1337562 | 44 | 4 | 167 | 5 | 21388 | 120 | 261 | 25 | -1 | 15 | 20 | 2 | 45 | 2 | **18.1** |
| 1337563 | 27 | 3 | 129 | 4 | 15716 | 90 | 393 | 22 | -1 | 14 | 22 | 2 | 45 | 2 | **11.5** |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337522 | 2 | -1 | 1.9 | 64.2 | 1.2 | 104 | 12 | 302 | 32 | -1 | 29 | -1 | 11 | -1 | 14 | -1 |
| 1337523 | 1.6 | -1 | 1.7 | 68.7 | 1.2 | 79 | 6 | 257 | 18 | -1 | 19 | -1 | 6 | -1 | 8 | -1 |
| 1337524 | 1.6 | -1 | 1.8 | 54.1 | 1.1 | 72 | 5 | 230 | 16 | -1 | -17 | -1 | 6 | -1 | 8 | -1 |
| 1337525 | 1.7 | -1 | 2 | 188.8 | 2 | 156 | 15 | 317 | 29 | -1 | 26 | -1 | 8 | -1 | 12 | -1 |
| 1337526 | 1.7 | -1 | 1.8 | 81.7 | 1.3 | 81 | 7 | 224 | 17 | -1 | 19 | -1 | 7 | -1 | 9 | -1 |
| 1337527 | 1.2 | -1 | 1.7 | 68 | 1.2 | 80 | 7 | 269 | 21 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1337528 | 1.3 | -1 | 1.7 | 76.6 | 1.2 | 93 | 9 | 243 | 23 | -1 | -24.6 | -1 | 9 | -1 | 13 | -1 |
| 1337529 | 1.4 | -1 | 1.7 | 55.6 | 1.1 | 80 | 7 | 248 | 19 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1337530 | 1.3 | -1 | 1.8 | 132.2 | 1.7 | 97 | 7 | 208 | 15 | -1 | -18 | -1 | 6 | -1 | 8 | -1 |
| 1337531 | 4 | -1 | 2.2 | 26.4 | 0.8 | 79 | 7 | 348 | 29 | -1 | 24 | -1 | 7 | -1 | 11 | -1 |
| 1337532 | 3.7 | -1 | 1.7 | 84.4 | 1.3 | 111 | 9 | 220 | 18 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1337533 | 3.3 | -1 | 1.6 | 72.9 | 1.2 | 96 | 8 | 357 | 28 | -1 | 23 | -1 | 7 | -1 | 9 | -1 |
| 1337534 | 1.2 | -1 | 1.6 | 43.7 | 1 | 59 | 5 | 228 | 18 | -1 | 19 | -1 | 6 | -1 | 9 | -1 |
| 1337535 | 1.4 | -1 | 2 | 42.4 | 1.2 | 76 | 10 | 260 | 31 | -1 | 31 | -1 | 11 | -1 | 15 | -1 |
| 1337536 | 1.2 | -1 | 1.8 | 87.7 | 1.4 | 86 | 9 | 216 | 22 | -1 | -24.7 | -1 | 9 | -1 | 12 | -1 |
| 1337537 | 1.3 | -1 | 1.7 | 61.5 | 1.1 | 84 | 8 | 222 | 20 | -1 | 22 | -1 | 8 | -1 | 11 | -1 |
| 1337538 | 1.4 | 3 | 0.7 | 114 | 1.6 | 102 | 8 | 243 | 18 | -1 | -19.3 | -1 | 7 | -1 | 9 | -1 |
| 1337539 | 1.1 | -1 | 1.6 | 20.6 | 0.8 | 57 | 4 | 236 | 17 | -1 | 18 | -1 | 6 | -1 | 8 | -1 |
| 1337540 | 1.4 | 2 | 0.6 | 109.9 | 1.4 | 136 | 13 | 232 | 21 | -1 | -23.2 | -1 | 8 | -1 | 11 | -1 |
| 1337541 | 1.3 | -1 | 1.6 | 53.3 | 1 | 69 | 6 | 209 | 18 | -1 | 21 | -1 | 8 | -1 | 10 | -1 |
| 1337542 | 1.4 | -1 | 1.7 | 68.7 | 1.2 | 173 | 14 | 267 | 21 | -1 | -21.1 | -1 | 7 | -1 | 11 | -1 |
| 1337543 | 1.3 | -1 | 1.7 | 107.6 | 1.5 | 147 | 13 | 242 | 21 | -1 | -21.9 | -1 | 8 | -1 | 11 | -1 |
| 1337544 | 1.2 | -1 | 1.7 | 51.9 | 1.1 | 82 | 7 | 367 | 28 | -1 | 23 | -1 | 7 | -1 | 9 | -1 |
| 1337545 | 1.5 | -1 | 1.8 | 212 | 2 | 128 | 10 | 246 | 18 | -1 | 19 | -1 | 6 | -1 | 9 | -1 |
| 1337546 | 1.1 | -1 | 1.7 | 25.5 | 0.8 | 70 | 5 | 277 | 20 | -1 | 19 | -1 | 6 | -1 | 9 | -1 |
| 1337547 | 1 | -1 | 1.5 | 61.2 | 1.1 | 74 | 7 | 312 | 25 | -1 | 23 | -1 | 7 | -1 | 10 | -1 |
| 1337548 | 1.3 | -1 | 1.8 | 42.6 | 1.1 | 84 | 11 | 307 | 36 | -1 | -33.6 | -1 | 11 | -1 | 16 | -1 |
| 1337549 | 1.4 | -1 | 1.8 | 74.6 | 1.2 | 65 | 5 | 184 | 14 | -1 | 17 | -1 | 6 | -1 | 8 | -1 |
| 1337550 | 1.7 | -1 | 1.8 | 59 | 1.1 | 53 | 5 | 203 | 16 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |
| 1337552 | 1.6 | -1 | 1.8 | 86.2 | 1.3 | 86 | 7 | 209 | 17 | -1 | 19 | -1 | 7 | -1 | 10 | -1 |
| 1337553 | 1.3 | -1 | 1.7 | 94.5 | 1.4 | 130 | 12 | 196 | 17 | -1 | -20.8 | -1 | 8 | -1 | 12 | -1 |
| 1337554 | 1.2 | -1 | 1.8 | 77.4 | 1.3 | 89 | 7 | 228 | 17 | -1 | -19 | -1 | 6 | -1 | 9 | -1 |
| 1337555 | 1.3 | -1 | 1.7 | 57.3 | 1.1 | 99 | 9 | 310 | 26 | -1 | -24.3 | -1 | 8 | -1 | 11 | -1 |
| 1337556 | 1.2 | -1 | 1.7 | 65.7 | 1.1 | 60 | 6 | 212 | 18 | -1 | 20 | -1 | 8 | -1 | 10 | -1 |
| 1337557 | 1.4 | -1 | 1.8 | 92.1 | 1.4 | 85 | 8 | 232 | 20 | -1 | 22 | -1 | 9 | -1 | 12 | -1 |
| 1337558 | 1.6 | -1 | 1.8 | 280 | 2 | 133 | 11 | 159 | 13 | -1 | 17 | -1 | 6 | -1 | 9 | -1 |
| 1337559 | 1.2 | -1 | 1.8 | 65.3 | 1.2 | 73 | 6 | 198 | 15 | -1 | -17.8 | -1 | 6 | -1 | 9 | -1 |
| 1337560 | 1.3 | -1 | 1.9 | 70.5 | 1.3 | 80 | 8 | 233 | 22 | -1 | -23.4 | -1 | 8 | -1 | 11 | -1 |
| 1337561 | 1.3 | -1 | 1.7 | 105.5 | 1.4 | 69 | 6 | 195 | 17 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1337562 | 1.3 | -1 | 1.7 | 87.5 | 1.3 | 84 | 8 | 197 | 19 | -1 | 22 | -1 | 9 | -1 | 12 | -1 |
| 1337563 | 1.2 | -1 | 1.6 | 72.8 | 1.2 | 61 | 6 | 174 | 15 | -1 | 20 | -1 | 8 | -1 | 11 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337522 | 20 | -1 | 26 | 481 | 18 | -1 | 19 | -1 | 4.2 | 41.8 | 1.9 | Soil | PASS | 90.98 |
| 1337523 | 12 | -1 | 15 | 552 | 19 | -1 | 15 | 4.2 | 1.4 | 38 | 1.8 | Soil | PASS | 88.09 |
| 1337524 | 11 | -1 | 14 | 171 | 10 | -1 | 15 | -1 | 3.7 | 29.6 | 1.7 | Soil | PASS | 88.11 |
| 1337525 | 15 | -1 | 21 | 469 | 22 | -1 | 17 | 6.9 | 1.5 | 29 | 1.9 | Soil | PASS | 90.61 |
| 1337526 | 13 | -1 | 17 | 325 | 16 | -1 | 16 | -1 | 4.1 | 25.7 | 1.7 | Soil | PASS | 88.19 |
| 1337527 | 13 | -1 | 18 | 283 | 13 | -1 | 14 | -1 | 3.5 | 15.9 | 1.5 | Soil | PASS | 88.33 |
| 1337528 | 17 | -1 | 23 | 290 | 13 | -1 | 14 | -1 | 3.6 | 23.8 | 1.5 | Soil | PASS | 90.81 |
| 1337529 | 14 | -1 | 18 | 315 | 16 | -1 | 15 | -1 | 3.8 | 10.5 | 1.5 | Soil | PASS | 88.2 |
| 1337530 | 12 | -1 | 15 | 597 | 19 | -1 | 16 | 5.8 | 1.5 | 17.9 | 1.6 | Soil | PASS | 88.17 |
| 1337531 | 15 | -1 | 19 | 126 | 10 | -1 | 26 | -1 | 4.2 | 29 | 1.7 | Soil | PASS | 88.23 |
| 1337532 | 14 | -1 | 18 | 225 | 12 | -1 | 14 | -1 | 3.9 | 25.7 | 1.7 | Soil | PASS | 88.28 |
| 1337533 | 14 | -1 | 18 | 254 | 13 | -1 | 13 | -1 | 3.7 | 15.7 | 1.5 | Soil | PASS | 88.33 |
| 1337534 | 12 | -1 | 17 | 203 | 11 | -1 | 14 | -1 | 3.8 | 22.8 | 1.6 | Soil | PASS | 88.35 |
| 1337535 | 21 | -1 | 28 | 501 | 26 | -1 | 17 | -1 | 4.5 | 13.1 | 1.8 | Soil | PASS | 91.69 |
| 1337536 | 17 | -1 | 23 | 494 | 20 | -1 | 15 | -1 | 4 | 17 | 1.6 | Soil | PASS | 91.13 |
| 1337537 | 15 | -1 | 20 | 483 | 19 | -1 | 15 | -1 | 3.7 | 19.5 | 1.5 | Soil | PASS | 90.85 |
| 1337538 | 12 | -1 | 16 | 753 | 20 | -1 | 15 | 4.8 | 1.4 | 23.1 | 1.7 | Soil | PASS | 88.1 |
| 1337539 | 12 | -1 | 15 | 180 | 12 | -1 | 14 | -1 | 3.6 | 13.1 | 1.4 | Soil | PASS | 88.16 |
| 1337540 | 15 | -1 | 20 | 482 | 19 | -1 | 15 | -1 | 3.9 | 24 | 1.7 | Soil | PASS | 90.63 |
| 1337541 | 15 | -1 | 19 | 459 | 21 | -1 | 14 | -1 | 3.9 | 21.9 | 1.6 | Soil | PASS | 90.58 |
| 1337542 | 14 | -1 | 19 | 382 | 13 | -1 | 14 | -1 | 3.8 | 27.4 | 1.6 | Soil | PASS | 88.25 |
| 1337543 | 15 | -1 | 20 | 381 | 16 | -1 | 14 | -1 | 4 | 17.5 | 1.5 | Soil | PASS | 88.29 |
| 1337544 | 13 | -1 | 17 | 301 | 14 | -1 | 14 | -1 | 3.9 | 20.4 | 1.5 | Soil | PASS | 88.36 |
| 1337545 | 12 | -1 | 15 | 558 | 18 | -1 | 16 | 6.3 | 1.5 | 22.2 | 1.7 | Soil | PASS | 88.35 |
| 1337546 | 12 | -1 | 16 | 307 | 13 | -1 | 14 | -1 | 3.7 | 13.7 | 1.4 | Soil | PASS | 88.09 |
| 1337547 | 14 | -1 | 18 | 328 | 15 | -1 | 13 | -1 | 3.7 | 10.4 | 1.3 | Soil | PASS | 90.49 |
| 1337548 | 22 | -1 | 30 | 416 | 20 | -1 | 16 | -1 | 4 | 12.4 | 1.6 | Soil | PASS | 91.3 |
| 1337549 | 11 | -1 | 14 | 555 | 25 | -1 | 15 | -1 | 3.7 | 17.1 | 1.5 | Soil | PASS | 88.43 |
| 1337550 | 14 | -1 | 18 | 311 | 14 | -1 | 16 | -1 | 3.8 | 33 | 1.8 | Soil | PASS | 88.21 |
| 1337552 | 13 | -1 | 18 | 227 | 14 | -1 | 16 | -1 | 4.1 | 23.1 | 1.7 | Soil | PASS | 88.29 |
| 1337553 | 16 | -1 | 21 | 784 | 31 | -1 | 14 | -1 | 3.9 | 21.2 | 1.6 | Soil | PASS | 88.29 |
| 1337554 | 13 | -1 | 16 | 919 | 34 | -1 | 15 | -1 | 3.8 | 16.5 | 1.5 | Soil | PASS | 88.11 |
| 1337555 | 16 | -1 | 20 | 504 | 17 | -1 | 15 | -1 | 4 | 18.6 | 1.6 | Soil | PASS | 88.35 |
| 1337556 | 14 | -1 | 19 | 300 | 15 | -1 | 14 | -1 | 3.5 | 17 | 1.4 | Soil | PASS | 90.61 |
| 1337557 | 16 | -1 | 21 | 391 | 17 | -1 | 15 | -1 | 4 | 22.3 | 1.7 | Soil | PASS | 88.26 |
| 1337558 | 12 | -1 | 15 | 678 | 22 | -1 | 15 | 8.7 | 1.5 | 37.7 | 1.9 | Soil | PASS | 90.53 |
| 1337559 | 12 | -1 | 15 | 294 | 13 | -1 | 15 | -1 | 3.8 | 19.1 | 1.5 | Soil | PASS | 88.32 |
| 1337560 | 15 | -1 | 20 | 548 | 21 | -1 | 16 | -1 | 3.9 | 18.3 | 1.6 | Soil | PASS | 91.16 |
| 1337561 | 14 | -1 | 18 | 358 | 18 | -1 | 15 | -1 | 3.8 | 19.3 | 1.5 | Soil | PASS | 90.59 |
| 1337562 | 16 | -1 | 21 | 401 | 19 | -1 | 14 | -1 | 4 | 18.1 | 1.5 | Soil | PASS | 90.82 |
| 1337563 | 15 | -1 | 19 | 208 | 14 | -1 | 13 | -1 | 3.5 | 18.4 | 1.5 | Soil | PASS | 90.6 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337564 | HES | 8 | 567701 | 7025467 | Pale Greenish | Sand | Damp | Subtle Slope | 50 | C | Poplar |
| 1337565 | HES | 8 | 567723 | 7025465 | Pale Greenish | Sand | Damp | Subtle Slope | 60 | C | Subalpine Fir |
| 1337566 | HES | 8 | 567741 | 7025455 | Pale Greenish | Clay | Damp | Flat | 40 | B | Subalpine Fir |
| 1337567 | HES | 8 | 567762 | 7025459 | Pale Greenish | Clay | Damp | Flat | 80 | B | Subalpine Fir |
| 1337568 | HES | 8 | 567782 | 7025448 | Pale Greenish | Gravel | Damp | Pronounced Slope | 50 | C | Poplar |
| 1337569 | HES | 8 | 567802 | 7025446 | Pale Greenish | Sand | Damp | Subtle Slope | 100 | C | Subalpine Fir |
| 1337570 | HES | 8 | 567818 | 7025435 | Pale Greenish | Sand | Damp | Subtle Slope | 50 | B | Poplar |
| 1337571 | HES | 8 | 567835 | 7025423 | Pale Greenish | Gravel | Damp | Subtle Slope | 50 | C | Subalpine Fir |
| 1337572 | HES | 8 | 567853 | 7025413 | Pale Greenish | Gravel | Damp | Subtle Slope | 60 | C | Subalpine Fir |
| 1337573 | HES | 8 | 567872 | 7025404 | Pale Greenish | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1337574 | HES | 8 | 567891 | 7025395 | Pale Greenish | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1337575 | HES | 8 | 567891 | 7025395 | Pale Greenish | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1337576 | HES | 8 | 567377 | 7026220 | Greyish Green | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1337577 | HES | 8 | 567392 | 7026207 | Greyish Green | Sand | Damp | Subtle Slope | 50 | C | Poplar |
| 1337578 | HES | 8 | 567409 | 7026196 | Greyish Green | Sand | Damp | Flat | 60 | C | Poplar |
| 1337579 | HES | 8 | 567429 | 7026191 | Greyish Green | Clay | Damp | Subtle Slope | 70 | B | Willows |
| 1337580 | HES | 8 | 567442 | 7026175 | Grey | Sand | Damp | Flat | 40 | B | Poplar |
| 1337581 | HES | 8 | 567452 | 7026159 | Pale Greenish | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1337582 | HES | 8 | 567462 | 7026142 | Pale Greenish | Sand | Dry | Pronounced Slope | 100 | C | Poplar |
| 1337583 | HES | 8 | 567475 | 7026127 | Light Brown | Sand | Damp | Subtle Slope | 20 | B | Subalpine Fir |
| 1337584 | HES | 8 | 567487 | 7026112 | Chocolate Brown | Clay | Damp | Subtle Slope | 40 | B | Birch Forest |
| 1337585 | HES | 8 | 567505 | 7026100 | Chocolate Brown | Clay | Damp | Subtle Slope | 20 | B | Poplar |
| 1337586 | HES | 8 | 567523 | 7026089 | Chocolate Brown | Sand | Damp | Subtle Slope | 20 | C | Poplar |
| 1337587 | HES | 8 | 567543 | 7026090 | Chocolate Brown | Sand | Damp | Flat | 50 | C | Poplar |
| 1337588 | HES | 8 | 567563 | 7026092 | Dark Brown | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1337589 | HES | 8 | 567585 | 7026092 | Chocolate Brown | Gravel | Damp | Subtle Slope | 40 | C | Poplar |
| 1337602 | HES | 8 | 567513 | 7026050 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Poplar |
| 1337603 | HES | 8 | 567495 | 7026060 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Poplar |
| 1337604 | HES | 8 | 567475 | 7026064 | Light Brown | Clay | Damp | Flat | 20 | B | Poplar |
| 1337605 | HES | 8 | 567459 | 7026077 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Poplar |
| 1337606 | HES | 8 | 567442 | 7026089 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Poplar |
| 1337607 | HES | 8 | 567424 | 7026100 | Chocolate Brown | Clay | Damp | Flat | 40 | B | Poplar |
| 1337608 | HES | 8 | 567406 | 7026110 | Chocolate Brown | Clay | Damp | Flat | 60 | B | Poplar |
| 1337609 | HES | 8 | 567393 | 7026125 | Grey | Sand | Damp | Flat | 50 | C | Poplar |
| 1337610 | HES | 8 | 567375 | 7026138 | Pale Greenish | Sand | Damp | Subtle Slope | 50 | C | Poplar |
| 1337611 | HES | 8 | 567365 | 7026158 | Pale Greenish | Sand | Damp | Flat | 40 | B | Poplar |
| 1337612 | HES | 8 | 567358 | 7026177 | Pale Greenish | Sand | Damp | Flat | 30 | C | Poplar |
| 1337613 | HES | 8 | 567337 | 7026184 | Grey | Sand | Damp | Subtle Slope | 40 | B | Poplar |
| 1337614 | HES | 8 | 567320 | 7026195 | Dark Brown | Clay | Damp | Subtle Slope | 30 | B | Poplar |
| 1337615 | HES | 8 | 567301 | 7026205 | Chocolate Brown | Clay | Damp | Flat | 40 | B | Poplar |
| 1337616 | HES | 8 | 567282 | 7026216 | Reddish Brown | Clay | Damp | Flat | 20 | B | Poplar |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1337564 | Thin Moss Cover | Good | Coarse | Rocky Terrain | |
| 1337565 | Bare Soil | Good | Coarse | Rocky | |
| 1337566 | Thin Moss Cover | Good | Bright Orange Rust | | |
| 1337567 | Reindeer Moss | Good | | | |
| 1337568 | Thin Moss Cover | Good | Rocky | | |
| 1337569 | Sphagnum Moss < 30cm | Good | Coarse | | |
| 1337570 | Thin Moss Cover | Good | Coarse | Rocky | |
| 1337571 | Bare Soil | Good | Rocky | | |
| 1337572 | Thin Moss Cover | Good | Rocky | | |
| 1337573 | Bare Soil | Good | Coarse | Rocky | |
| 1337574 | Bare Soil | Excellent | Coarse | Rocky | |
| 1337575 | Bare Soil | Excellent | Coarse | Rocky | |
| 1337576 | Thin Moss Cover | Good | | | |
| 1337577 | Thin Moss Cover | Good | Rocky | Bright Orange Rust | |
| 1337578 | Thin Moss Cover | Excellent | Clay | | |
| 1337579 | Thin Moss Cover | Good | Outcrop Nearby | | |
| 1337580 | Leaf Cover | Good | Rocky | | |
| 1337581 | Leaf Cover | Good | Bright Orange Rust | Rocky | |
| 1337582 | Thin Moss Cover | Excellent | Bright Orange Rust | Rocky | |
| 1337583 | Rock Cover | Good | Rocky Terrain | | |
| 1337584 | Leaf Cover | Good | Rocky Terrain | | |
| 1337585 | Bare Soil | Poor | Rocky Terrain | Outcrop Nearby | |
| 1337586 | Bare Soil | Excellent | Rocky Terrain | | |
| 1337587 | Leaf Cover | Excellent | Coarse | Outcrop Nearby | |
| 1337588 | Leaf Cover | Excellent | Coarse | Rocky Terrain | |
| 1337589 | Leaf Cover | Good | Rocky Terrain | | |
| 1337602 | Thin Moss Cover | Good | Rocky Terrain | | |
| 1337603 | Leaf Cover | Good | Rocky Terrain | | |
| 1337604 | Leaf Cover | Good | Rocky Terrain | | |
| 1337605 | Leaf Cover | Good | Rocky Terrain | | |
| 1337606 | Thin Moss Cover | Good | Rocky Terrain | Outcrop Nearby | |
| 1337607 | Rock Cover | Good | Rocky Terrain | Outcrop Nearby | |
| 1337608 | Leaf Cover | Good | Rocky Terrain | Outcrop Nearby | |
| 1337609 | Leaf Cover | Excellent | Rocky Terrain | | |
| 1337610 | Leaf Cover | Excellent | Clay | Rocky Terrain | |
| 1337611 | Leaf Cover | Good | Rocky | | |
| 1337612 | Thin Moss Cover | Good | Rocky | | |
| 1337613 | Thin Moss Cover | Good | Rocky | | |
| 1337614 | Leaf Cover | Good | Rocky Terrain | Outcrop Nearby | |
| 1337615 | Thin Moss Cover | Good | Rocky Terrain | Outcrop Nearby | |
| 1337616 | Thin Moss Cover | Good | Rocky Terrain | | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337564 | | 1337564 | -1 | 4190 | 2201 | 280 | -1 | 224 | 5554 | 100 | 3190 | 59 | 1737 | 41 |
| 1337565 | | 1337565 | -1 | 4104 | 1879 | 275 | -1 | 231 | 6000 | 105 | 2076 | 51 | 1760 | 42 |
| 1337566 | | 1337566 | -1 | 7569 | 2096 | 514 | 572 | 178 | 5020 | 172 | 3111 | 94 | 1690 | 66 |
| 1337567 | | 1337567 | -1 | 3483 | 917 | 213 | -1 | 201 | 2753 | 68 | 1918 | 45 | 1204 | 32 |
| 1337568 | | 1337568 | -1 | 3586 | 1451 | 242 | -1 | 206 | 7259 | 106 | 1295 | 42 | 2080 | 43 |
| 1337569 | | 1337569 | -1 | 5649 | 2727 | 365 | -1 | 286 | 9437 | 153 | 4427 | 81 | 2279 | 56 |
| 1337570 | | 1337570 | -1 | 4355 | 1877 | 269 | 700 | 88 | 9047 | 122 | 3486 | 61 | 2174 | 44 |
| 1337571 | | 1337571 | -1 | 4652 | 1919 | 301 | -1 | 258 | 9284 | 138 | 2344 | 58 | 2181 | 49 |
| 1337572 | | 1337572 | -1 | 5007 | 2323 | 326 | -1 | 274 | 8857 | 138 | 3302 | 67 | 2120 | 50 |
| 1337573 | | 1337573 | -1 | 5226 | 1178 | 288 | -1 | 383 | 5855 | 100 | 9544 | 99 | 39833 | 253 |
| 1337574 | | 1337574 | -1 | 4411 | 1803 | 280 | -1 | 238 | 7873 | 120 | 3023 | 60 | 2097 | 46 |
| 1337575 | 1337574 | 1337575 | -1 | 4958 | 1629 | 303 | -1 | 270 | 10155 | 146 | 2231 | 58 | 3408 | 60 |
| 1337576 | | 1337576 | -1 | 4493 | 2085 | 273 | -1 | 211 | 3953 | 84 | 7737 | 89 | 1388 | 39 |
| 1337577 | | 1337577 | -1 | 4416 | 2886 | 288 | -1 | 214 | 5392 | 93 | 7783 | 87 | 1453 | 40 |
| 1337578 | | 1337578 | -1 | 4163 | 2089 | 284 | -1 | 234 | 4397 | 92 | 2362 | 53 | 1361 | 42 |
| 1337579 | | 1337579 | -1 | 4061 | 2464 | 276 | -1 | 213 | 4858 | 90 | 3144 | 57 | 1487 | 42 |
| 1337580 | | 1337580 | -1 | 3962 | 1685 | 245 | -1 | 200 | 3593 | 76 | 5962 | 74 | 1349 | 37 |
| 1337581 | | 1337581 | -1 | 4696 | 3850 | 324 | -1 | 240 | 5451 | 98 | 8327 | 94 | 1571 | 41 |
| 1337582 | | 1337582 | -1 | 6705 | 4681 | 437 | -1 | 301 | 6579 | 133 | 18840 | 189 | 1480 | 47 |
| 1337583 | | 1337583 | -1 | 4239 | 3626 | 287 | 348 | 91 | 4077 | 75 | 8789 | 86 | 16097 | 114 |
| 1337584 | | 1337584 | -1 | 4326 | 2163 | 283 | -1 | 226 | 3954 | 84 | 4522 | 68 | 1904 | 48 |
| 1337585 | | 1337585 | -1 | 4663 | 1423 | 281 | -1 | 247 | 7278 | 118 | 3612 | 65 | 2653 | 52 |
| 1337586 | | 1337586 | -1 | 5203 | 2358 | 323 | -1 | 313 | 7821 | 123 | 7857 | 96 | 14952 | 128 |
| 1337587 | | 1337587 | -1 | 3851 | 2895 | 259 | 789 | 75 | 1160 | 47 | 7792 | 81 | 459 | 24 |
| 1337588 | | 1337588 | -1 | 4856 | 1813 | 298 | 623 | 96 | 3410 | 87 | 5660 | 82 | 1005 | 37 |
| 1337589 | | 1337589 | -1 | 3464 | 2352 | 229 | 1382 | 80 | 1308 | 45 | 5803 | 66 | 700 | 25 |
| 1337602 | | 1337602 | -1 | 3229 | 1225 | 200 | 237 | 61 | 1839 | 51 | 1729 | 39 | 1691 | 35 |
| 1337603 | | 1337603 | -1 | 4948 | 1236 | 324 | -1 | 291 | 1737 | 85 | 1968 | 59 | 1107 | 47 |
| 1337604 | | 1337604 | -1 | 3123 | 1044 | 204 | -1 | 184 | 1731 | 55 | 1389 | 39 | 1715 | 37 |
| 1337605 | | 1337605 | -1 | 4300 | 1586 | 266 | -1 | 224 | 3322 | 81 | 2527 | 54 | 1497 | 44 |
| 1337606 | | 1337606 | -1 | 4698 | 1286 | 296 | -1 | 284 | 1620 | 77 | 2047 | 56 | 1352 | 44 |
| 1337607 | | 1337607 | -1 | 3844 | 1093 | 244 | -1 | 226 | 1847 | 64 | 2467 | 52 | 1156 | 39 |
| 1337608 | | 1337608 | -1 | 3981 | 1144 | 243 | -1 | 220 | 2225 | 67 | 1276 | 41 | 1127 | 40 |
| 1337609 | | 1337609 | -1 | 5330 | 2468 | 330 | -1 | 259 | 10205 | 145 | 4656 | 76 | 2256 | 52 |
| 1337610 | | 1337610 | -1 | 4164 | 2387 | 265 | -1 | 196 | 4918 | 88 | 4814 | 67 | 1642 | 40 |
| 1337611 | | 1337611 | -1 | 4036 | 2520 | 280 | -1 | 230 | 5301 | 96 | 4266 | 66 | 1365 | 38 |
| 1337612 | | 1337612 | -1 | 4109 | 1730 | 258 | -1 | 207 | 4297 | 87 | 4255 | 66 | 1348 | 38 |
| 1337613 | | 1337613 | -1 | 4293 | 1821 | 266 | -1 | 215 | 4674 | 91 | 5868 | 77 | 1241 | 37 |
| 1337614 | | 1337614 | -1 | 3604 | 1135 | 214 | -1 | 169 | 1913 | 55 | 1554 | 40 | 994 | 34 |
| 1337615 | | 1337615 | -1 | 4278 | 1921 | 283 | -1 | 236 | 5165 | 98 | 2285 | 53 | 2044 | 49 |
| 1337616 | | 1337616 | -1 | 3709 | 2226 | 253 | -1 | 207 | 2606 | 65 | 3138 | 54 | 1802 | 40 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337564 | 33 | 4 | 167 | 5 | 20498 | 111 | 313 | 24 | -1 | 15 | 27 | 2 | 49 | 2 | 23.9 |
| 1337565 | 37 | 4 | 145 | 5 | 22139 | 120 | 305 | 25 | -1 | 15 | 21 | 2 | 44 | 2 | 15.2 |
| 1337566 | 25 | 6 | 150 | 7 | 17142 | 133 | 268 | 30 | -1 | 20 | 14 | 3 | 16 | 3 | 10.2 |
| 1337567 | 28 | 3 | 94 | 4 | 16614 | 93 | 473 | 22 | -1 | 14 | 25 | 2 | 48 | 2 | 4.8 |
| 1337568 | 45 | 4 | 134 | 4 | 20572 | 120 | 236 | 25 | -1 | 16 | 20 | 3 | 42 | 2 | 13 |
| 1337569 | 46 | 5 | 238 | 6 | 27006 | 149 | 385 | 29 | -1 | 16 | 39 | 3 | 56 | 2 | 15.4 |
| 1337570 | 48 | 4 | 149 | 4 | 24971 | 143 | 346 | 29 | -1 | 17 | 31 | 3 | 64 | 2 | 17.3 |
| 1337571 | 43 | 4 | 120 | 5 | 22284 | 123 | 309 | 25 | -1 | 15 | 15 | 2 | 50 | 2 | 17.2 |
| 1337572 | 48 | 5 | 373 | 7 | 24521 | 133 | 348 | 27 | -1 | 16 | 29 | 3 | 65 | 2 | 26.5 |
| 1337573 | -1 | 11 | 77 | 3 | 14513 | 89 | 258 | 22 | -1 | 14 | 14 | 2 | 77 | 3 | 12.6 |
| 1337574 | 40 | 4 | 175 | 5 | 24756 | 130 | 275 | 26 | -1 | 15 | 26 | 2 | 54 | 2 | 20.2 |
| 1337575 | 51 | 5 | 155 | 5 | 23837 | 127 | 328 | 26 | -1 | 15 | 29 | 2 | 58 | 2 | 15.2 |
| 1337576 | 30 | 4 | 302 | 6 | 16909 | 94 | 289 | 21 | -1 | 14 | 29 | 2 | 57 | 2 | 31 |
| 1337577 | 43 | 4 | 414 | 6 | 21960 | 127 | 301 | 27 | -1 | 17 | 34 | 3 | 81 | 3 | 32.3 |
| 1337578 | 47 | 4 | 315 | 6 | 21134 | 115 | 308 | 24 | -1 | 15 | 32 | 3 | 66 | 2 | 40.1 |
| 1337579 | 48 | 4 | 267 | 5 | 19673 | 115 | 334 | 25 | -1 | 16 | 27 | 3 | 60 | 2 | 25.4 |
| 1337580 | 33 | 3 | 281 | 5 | 16736 | 101 | 270 | 23 | -1 | 15 | 10 | 2 | 46 | 2 | 12.5 |
| 1337581 | 35 | 4 | 341 | 6 | 18555 | 110 | 245 | 24 | -1 | 16 | 19 | 3 | 49 | 2 | 10.7 |
| 1337582 | 32 | 5 | 397 | 8 | 18751 | 114 | 206 | 25 | -1 | 16 | 17 | 3 | 66 | 3 | 13.4 |
| 1337583 | -1 | 10 | 263 | 5 | 16166 | 96 | 292 | 23 | -1 | 14 | -1 | 6 | 53 | 2 | -1 |
| 1337584 | 68 | 5 | 395 | 7 | 24754 | 142 | 410 | 29 | -1 | 17 | 28 | 3 | 76 | 3 | 26.7 |
| 1337585 | 44 | 4 | 205 | 5 | 27123 | 142 | 427 | 28 | -1 | 15 | 9 | 2 | 57 | 2 | 7.5 |
| 1337586 | 23 | 4 | 214 | 5 | 23743 | 126 | 425 | 26 | -1 | 15 | 10 | 2 | 51 | 2 | 3.3 |
| 1337587 | 16 | 3 | 300 | 5 | 16829 | 100 | 372 | 23 | -1 | 15 | 17 | 2 | 42 | 2 | 34.9 |
| 1337588 | 32 | 4 | 420 | 7 | 21340 | 117 | 190 | 24 | -1 | 14 | 11 | 2 | 24.7 | 2 | 38.2 |
| 1337589 | 23 | 3 | 250 | 4 | 15286 | 92 | 364 | 22 | -1 | 15 | 15 | 2 | 41.4 | 2 | 3.8 |
| 1337602 | 37 | 3 | 117 | 3 | 14722 | 90 | 230 | 21 | -1 | 15 | 10 | 2 | 48 | 2 | 11.4 |
| 1337603 | 39 | 5 | 170 | 6 | 15803 | 102 | 265 | 24 | -1 | 16 | -1 | 7 | 39 | 2 | 12.4 |
| 1337604 | 28 | 3 | 146 | 4 | 9547 | 65 | 176 | 17 | -1 | 13 | 7 | 2 | 22.5 | 2 | 6.1 |
| 1337605 | 49 | 4 | 293 | 6 | 20700 | 112 | 296 | 24 | -1 | 15 | 35 | 3 | 60 | 2 | 11 |
| 1337606 | 30 | 4 | 183 | 5 | 13291 | 87 | 242 | 21 | -1 | 14 | -1 | 7 | 26 | 2 | 9.1 |
| 1337607 | 37 | 4 | 224 | 5 | 18142 | 101 | 328 | 23 | -1 | 14 | 10 | 2 | 51 | 2 | 10.5 |
| 1337608 | 46 | 4 | 235 | 5 | 19992 | 108 | 416 | 24 | -1 | 15 | 31 | 2 | 68 | 2 | 16.1 |
| 1337609 | 54 | 5 | 307 | 7 | 31364 | 162 | 232 | 29 | -1 | 16 | 24 | 2 | 44 | 2 | 31.4 |
| 1337610 | 45 | 4 | 272 | 5 | 18662 | 109 | 301 | 24 | -1 | 15 | 21 | 2 | 53 | 2 | 11.6 |
| 1337611 | 28 | 3 | 280 | 5 | 15652 | 95 | 204 | 22 | -1 | 15 | 12 | 2 | 40 | 2 | 9.2 |
| 1337612 | 36 | 4 | 295 | 6 | 16488 | 92 | 269 | 21 | -1 | 14 | 22 | 2 | 44.1 | 2 | 11.7 |
| 1337613 | 35 | 4 | 288 | 5 | 16143 | 98 | 249 | 23 | -1 | 15 | 18 | 2 | 46 | 2 | 9.8 |
| 1337614 | 32 | 4 | 202 | 5 | 20286 | 117 | 392 | 25 | -1 | 17 | 17 | 2 | 92 | 3 | 14.9 |
| 1337615 | 49 | 4 | 203 | 5 | 23186 | 123 | 343 | 25 | -1 | 15 | 13 | 2 | 49 | 2 | 13.1 |
| 1337616 | 39 | 4 | 209 | 5 | 17415 | 103 | 250 | 23 | -1 | 15 | 10 | 2 | 52 | 2 | 11.6 |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337564 | 1.3 | -1 | 1.7 | 77.1 | 1.2 | 87 | 7 | 219 | 17 | -1 | -19.4 | -1 | 7 | -1 | 9 | -1 |
| 1337565 | 1.3 | -1 | 1.7 | 98.6 | 1.3 | 74 | 7 | 214 | 18 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1337566 | 1.6 | -1 | 2.2 | 91.7 | 1.8 | 73 | 10 | 180 | 24 | -1 | 29 | -1 | 12 | -1 | 16 | -1 |
| 1337567 | 1.2 | -1 | 1.6 | 123.2 | 1.5 | 86 | 7 | 164 | 13 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |
| 1337568 | 1.3 | -1 | 1.7 | 91.5 | 1.4 | 90 | 7 | 235 | 18 | -1 | 19 | -1 | 7 | -1 | 10 | -1 |
| 1337569 | 1.4 | -1 | 1.8 | 113.6 | 1.5 | 88 | 8 | 199 | 18 | -1 | 21 | -1 | 8 | -1 | 11 | -1 |
| 1337570 | 1.5 | -1 | 1.9 | 120.6 | 1.6 | 89 | 7 | 218 | 16 | -1 | -18.8 | -1 | 6 | -1 | 9 | -1 |
| 1337571 | 1.4 | -1 | 1.7 | 119.1 | 1.5 | 100 | 9 | 224 | 19 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1337572 | 1.4 | -1 | 1.7 | 97.1 | 1.4 | 68 | 6 | 211 | 18 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1337573 | 1.3 | -1 | 1.7 | 79.8 | 1.3 | 71 | 7 | 202 | 17 | -1 | 20 | -1 | 8 | -1 | 11 | -1 |
| 1337574 | 1.4 | -1 | 1.7 | 94.7 | 1.3 | 93 | 9 | 218 | 20 | -1 | -22.7 | -1 | 8 | -1 | 12 | -1 |
| 1337575 | 1.3 | -1 | 1.7 | 116.5 | 1.5 | 74 | 6 | 181 | 14 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |
| 1337576 | 1.3 | -1 | 1.7 | 75.5 | 1.2 | 70 | 6 | 160 | 13 | -1 | 17 | -1 | 6 | -1 | 9 | -1 |
| 1337577 | 1.5 | -1 | 1.9 | 99.5 | 1.4 | 88 | 7 | 208 | 16 | -1 | -18.5 | -1 | 7 | -1 | 9 | -1 |
| 1337578 | 1.5 | 2 | 0.6 | 75.7 | 1.2 | 44 | 4 | 169 | 14 | -1 | -18.4 | -1 | 7 | -1 | 9 | -1 |
| 1337579 | 1.4 | -1 | 1.9 | 91 | 1.4 | 65 | 5 | 169 | 13 | -1 | 17 | -1 | 7 | -1 | 9 | -1 |
| 1337580 | 1.2 | -1 | 1.8 | 71.6 | 1.2 | 68 | 5 | 189 | 14 | -1 | -17.6 | -1 | 6 | -1 | 8 | -1 |
| 1337581 | 1.3 | -1 | 1.8 | 86.4 | 1.3 | 68 | 6 | 203 | 17 | -1 | 19 | -1 | 7 | -1 | 10 | -1 |
| 1337582 | 1.3 | -1 | 1.8 | 84.9 | 1.4 | 166 | 17 | 202 | 21 | -1 | 24 | -1 | 9 | -1 | 13 | -1 |
| 1337583 | 3.2 | -1 | 1.7 | 102.2 | 1.4 | 117 | 10 | 256 | 20 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1337584 | 1.5 | -1 | 1.9 | 83.3 | 1.3 | 95 | 7 | 239 | 18 | -1 | -19.1 | -1 | 7 | -1 | 9 | -1 |
| 1337585 | 1.2 | -1 | 1.7 | 138.8 | 1.6 | 119 | 11 | 384 | 33 | -1 | 26 | -1 | 8 | -1 | 10 | -1 |
| 1337586 | 1.1 | -1 | 1.6 | 152.1 | 1.7 | 123 | 11 | 227 | 20 | -1 | 21 | -1 | 8 | -1 | 11 | -1 |
| 1337587 | 1.6 | -1 | 1.8 | 80.6 | 1.3 | 92 | 8 | 199 | 17 | -1 | -19.9 | -1 | 7 | -1 | 10 | -1 |
| 1337588 | 1.6 | -1 | 1.7 | 59.7 | 1.1 | 46 | 5 | 143 | 13 | -1 | -19.2 | -1 | 8 | -1 | 10 | -1 |
| 1337589 | 1.2 | -1 | 1.7 | 101.2 | 1.4 | 101 | 8 | 214 | 16 | 23 | 6 | -1 | 7 | -1 | 9 | -1 |
| 1337602 | 1.1 | -1 | 1.7 | 40.8 | 1 | 84 | 6 | 327 | 23 | -1 | -20.9 | -1 | 6 | -1 | 9 | -1 |
| 1337603 | 1.3 | -1 | 1.8 | 48.7 | 1.1 | 66 | 7 | 228 | 24 | -1 | 25 | -1 | 10 | -1 | 13 | -1 |
| 1337604 | 1.1 | -1 | 1.7 | 51 | 1.1 | 69 | 6 | 291 | 21 | -1 | 20 | -1 | 6 | -1 | 8 | -1 |
| 1337605 | 1.2 | -1 | 1.7 | 65.1 | 1.1 | 88 | 8 | 223 | 18 | -1 | -20.5 | -1 | 7 | -1 | 10 | -1 |
| 1337606 | 1.2 | -1 | 1.8 | 51.9 | 1.1 | 76 | 9 | 290 | 31 | -1 | 29 | -1 | 10 | -1 | 14 | -1 |
| 1337607 | 1.1 | -1 | 1.7 | 67.9 | 1.1 | 84 | 8 | 213 | 18 | -1 | 20 | -1 | 8 | -1 | 10 | -1 |
| 1337608 | 1.2 | -1 | 1.8 | 75.4 | 1.2 | 87 | 8 | 226 | 19 | -1 | -20.7 | -1 | 7 | -1 | 10 | -1 |
| 1337609 | 1.6 | -1 | 1.8 | 110.9 | 1.4 | 73 | 6 | 152 | 12 | -1 | 17 | -1 | 6 | -1 | 9 | -1 |
| 1337610 | 1.3 | -1 | 1.7 | 72.6 | 1.2 | 78 | 6 | 187 | 14 | -1 | -17.9 | -1 | 7 | -1 | 9 | -1 |
| 1337611 | 1.2 | -1 | 1.6 | 79.5 | 1.3 | 63 | 5 | 155 | 12 | -1 | 16 | -1 | 7 | -1 | 9 | -1 |
| 1337612 | 1.2 | -1 | 1.7 | 89.6 | 1.3 | 71 | 7 | 245 | 21 | -1 | -22.4 | -1 | 8 | -1 | 11 | -1 |
| 1337613 | 1.2 | -1 | 1.7 | 83.2 | 1.3 | 66 | 6 | 170 | 13 | -1 | 17 | -1 | 7 | -1 | 9 | -1 |
| 1337614 | 1.3 | -1 | 1.7 | 58.8 | 1.1 | 64 | 5 | 209 | 15 | -1 | 17 | -1 | 6 | -1 | 8 | -1 |
| 1337615 | 1.2 | -1 | 1.6 | 109.5 | 1.4 | 81 | 7 | 291 | 23 | -1 | -22.1 | -1 | 7 | -1 | 9 | -1 |
| 1337616 | 1.2 | -1 | 1.7 | 50 | 1 | 90 | 7 | 294 | 23 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337564 | 13 | -1 | 16 | 290 | 15 | -1 | 15 | -1 | 3.8 | 19 | 1.5 | Soil | PASS | 90.29 |
| 1337565 | 13 | -1 | 18 | 313 | 16 | -1 | 15 | -1 | 3.7 | 18.4 | 1.5 | Soil | PASS | 90.58 |
| 1337566 | 21 | -1 | 29 | 364 | 25 | -1 | 18 | -1 | 5.1 | 15 | 2 | Soil | PASS | 91.89 |
| 1337567 | 13 | -1 | 17 | 203 | 12 | -1 | 14 | -1 | 3.7 | 26.2 | 1.6 | Soil | PASS | 90.37 |
| 1337568 | 13 | -1 | 18 | 409 | 16 | -1 | 14 | -1 | 4 | 17.8 | 1.6 | Soil | PASS | 88.35 |
| 1337569 | 15 | -1 | 19 | 502 | 21 | -1 | 15 | -1 | 4 | 20.7 | 1.7 | Soil | PASS | 90.9 |
| 1337570 | 13 | -1 | 16 | 365 | 16 | -1 | 16 | -1 | 4.2 | 26.9 | 1.8 | Soil | PASS | 88.21 |
| 1337571 | 14 | -1 | 18 | 373 | 18 | -1 | 15 | -1 | 3.9 | 26.2 | 1.7 | Soil | PASS | 90.76 |
| 1337572 | 14 | -1 | 18 | 408 | 19 | -1 | 15 | 6.7 | 1.4 | 22.2 | 1.6 | Soil | PASS | 90.73 |
| 1337573 | 15 | -1 | 20 | 1170 | 41 | -1 | 15 | -1 | 3.8 | 17.6 | 1.5 | Soil | PASS | 88.29 |
| 1337574 | 16 | -1 | 21 | 351 | 17 | -1 | 14 | -1 | 3.7 | 23.3 | 1.6 | Soil | PASS | 90.37 |
| 1337575 | 13 | -1 | 16 | 527 | 21 | -1 | 14 | -1 | 3.9 | 26.1 | 1.6 | Soil | PASS | 90.44 |
| 1337576 | 13 | -1 | 16 | 462 | 16 | -1 | 15 | -1 | 3.7 | 12.3 | 1.4 | Soil | PASS | 90.32 |
| 1337577 | 12 | -1 | 16 | 478 | 16 | -1 | 16 | -1 | 4.3 | 13.9 | 1.5 | Soil | PASS | 88.03 |
| 1337578 | 13 | -1 | 17 | 480 | 17 | -1 | 15 | -1 | 3.8 | 16.4 | 1.5 | Soil | PASS | 90.44 |
| 1337579 | 12 | -1 | 16 | 549 | 17 | -1 | 16 | -1 | 3.9 | 16.1 | 1.6 | Soil | PASS | 88.24 |
| 1337580 | 12 | -1 | 16 | 396 | 15 | -1 | 15 | -1 | 4 | 14.4 | 1.5 | Soil | PASS | 88.29 |
| 1337581 | 14 | -1 | 18 | 438 | 16 | -1 | 15 | -1 | 3.9 | 16.7 | 1.6 | Soil | PASS | 88.33 |
| 1337582 | 17 | -1 | 23 | 353 | 18 | -1 | 15 | -1 | 4.1 | 16.2 | 1.6 | Soil | PASS | 91.29 |
| 1337583 | 14 | -1 | 18 | 658 | 26 | -1 | 14 | -1 | 3.8 | 13.1 | 1.5 | Soil | PASS | 87.99 |
| 1337584 | 12 | -1 | 16 | 684 | 20 | -1 | 15 | -1 | 4 | 17.9 | 1.6 | Soil | PASS | 88.09 |
| 1337585 | 15 | -1 | 19 | 421 | 19 | -1 | 13 | -1 | 3.9 | 15 | 1.5 | Soil | PASS | 90.25 |
| 1337586 | 15 | -1 | 19 | 719 | 30 | -1 | 14 | -1 | 3.7 | 12.5 | 1.4 | Soil | PASS | 90.31 |
| 1337587 | 14 | -1 | 19 | 176 | 10 | -1 | 16 | -1 | 3.7 | 22.6 | 1.6 | Soil | PASS | 88.32 |
| 1337588 | 14 | -1 | 19 | 247 | 15 | -1 | 16 | -1 | 3.8 | 29.5 | 1.7 | Soil | PASS | 90.74 |
| 1337589 | 13 | -1 | 17 | 230 | 10 | -1 | 14 | -1 | 3.8 | 20 | 1.6 | Soil | PASS | 88.2 |
| 1337602 | 12 | -1 | 16 | 353 | 13 | -1 | 14 | -1 | 4 | 10.4 | 1.4 | Soil | PASS | 88.05 |
| 1337603 | 18 | -1 | 23 | 419 | 19 | -1 | 15 | -1 | 4 | 11.2 | 1.5 | Soil | PASS | 91.38 |
| 1337604 | 12 | -1 | 15 | 348 | 14 | -1 | 14 | -1 | 3.8 | 13.2 | 1.4 | Soil | PASS | 88.47 |
| 1337605 | 13 | -1 | 17 | 559 | 18 | -1 | 14 | -1 | 3.6 | 16.2 | 1.5 | Soil | PASS | 90.4 |
| 1337606 | 20 | -1 | 26 | 347 | 17 | -1 | 15 | -1 | 4 | 12.3 | 1.5 | Soil | PASS | 91.35 |
| 1337607 | 14 | -1 | 19 | 434 | 16 | -1 | 14 | -1 | 3.6 | 13.6 | 1.4 | Soil | PASS | 90.52 |
| 1337608 | 14 | -1 | 18 | 499 | 17 | -1 | 15 | -1 | 3.7 | 16.3 | 1.4 | Soil | PASS | 90.32 |
| 1337609 | 13 | -1 | 16 | 444 | 20 | -1 | 15 | -1 | 3.9 | 30.7 | 1.7 | Soil | PASS | 90.07 |
| 1337610 | 12 | -1 | 16 | 494 | 16 | -1 | 15 | -1 | 4 | 18.4 | 1.6 | Soil | PASS | 88.33 |
| 1337611 | 13 | -1 | 17 | 354 | 15 | -1 | 13 | -1 | 3.9 | 15.1 | 1.5 | Soil | PASS | 88.19 |
| 1337612 | 15 | -1 | 20 | 361 | 15 | -1 | 14 | -1 | 3.5 | 16 | 1.4 | Soil | PASS | 90.46 |
| 1337613 | 13 | -1 | 16 | 363 | 15 | -1 | 14 | -1 | 3.8 | 16.4 | 1.5 | Soil | PASS | 88.4 |
| 1337614 | 11 | -1 | 15 | 404 | 14 | -1 | 15 | -1 | 3.9 | 17 | 1.5 | Soil | PASS | 88.03 |
| 1337615 | 13 | -1 | 17 | 587 | 19 | -1 | 14 | -1 | 3.6 | 13.2 | 1.4 | Soil | PASS | 90.13 |
| 1337616 | 13 | -1 | 17 | 423 | 15 | -1 | 14 | -1 | 3.9 | 13.8 | 1.5 | Soil | PASS | 88.24 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337617 | HES | 8 | 567268 | 7026232 | Chocolate Brown | Clay | Damp | Subtle Slope | 60 | B | Poplar |
| 1337618 | HES | 8 | 567256 | 7026250 | Dark Grey Black | Sand | Damp | Flat | 40 | B | Poplar |
| 1337619 | HES | 8 | 567262 | 7026226 | Chocolate Brown | Gravel | Damp | Subtle Slope | 40 | C | Poplar |
| 1337620 | HES | 8 | 567277 | 7026212 | Reddish Brown | Clay | Wet | Subtle Slope | 40 | B | Poplar |
| 1337621 | HES | 8 | 567290 | 7026195 | Reddish Brown | Clay | Wet | Subtle Slope | 40 | B | Poplar |
| 1337622 | HES | 8 | 567303 | 7026180 | Pale Greenish | Sand | Damp | Flat | 40 | C | Subalpine Fir |
| 1337623 | HES | 8 | 567351 | 7026250 | Pale Greenish | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1337624 | HES | 8 | 567363 | 7026234 | Greyish Green | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1337625 | HES | 8 | 567363 | 7026234 | Greyish Green | Sand | Damp | Subtle Slope | 50 | C | Poplar |
| 1337626 | HES | 8 | 567910 | 7025388 | Pale Greenish | Gravel | Damp | Subtle Slope | 40 | B | Subalpine Fir |
| 1337627 | HES | 8 | 567929 | 7025383 | Chocolate Brown | Clay | Damp | Subtle Slope | 30 | B | Poplar |
| 1337628 | HES | 8 | 567948 | 7025371 | Chocolate Brown | Sand | Damp | Flat | 40 | C | Subalpine Fir |
| 1337629 | HES | 8 | 567966 | 7025361 | Pale Greenish | Sand | Damp | Flat | 60 | B | Subalpine Fir |
| 1337630 | HES | 8 | 567985 | 7025354 | Grey | Clay | Damp | Flat | 70 | B | Subalpine Fir |
| 1337631 | HES | 8 | 568001 | 7025342 | Light Grey | Sand | Damp | Subtle Slope | 20 | C | Poplar |
| 1337632 | HES | 8 | 568019 | 7025335 | Light Bluish Grey | Sand | Damp | Subtle Slope | 40 | C | Subalpine Fir |
| 1337633 | HES | 8 | 568038 | 7025328 | Grey | Gravel | Damp | Flat | 40 | C | Subalpine Fir |
| 1337634 | HES | 8 | 568058 | 7025321 | Reddish Brown | Clay | Damp | Flat | 20 | B | Pine |
| 1337635 | HES | 8 | 568081 | 7025300 | Light Brown | Gravel | Dry | Flat | 10 | B | Subalpine Fir |
| 1337636 | HES | 8 | 568102 | 7025295 | Grey | Gravel | Damp | Flat | 40 | C | Subalpine Fir |
| 1337637 | HES | 8 | 568127 | 7025309 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | B | Pine |
| 1337638 | HES | 8 | 568136 | 7025258 | Grey | Clay | Damp | Subtle Slope | 50 | B | Subalpine Fir |
| 1337639 | HES | 8 | 568121 | 7025272 | Grey | Gravel | Damp | Subtle Slope | 40 | B | Subalpine Fir |
| 1337640 | HES | 8 | 568147 | 7025241 | Pale Greenish | Sand | Damp | Subtle Slope | 40 | B | Subalpine Fir |
| 1337641 | HES | 8 | 568163 | 7025227 | Reddish Brown | Clay | Damp | Subtle Slope | 20 | B | Subalpine Fir |
| 1337642 | HES | 8 | 568179 | 7025216 | Reddish Brown | Clay | Damp | Subtle Slope | 30 | B | Subalpine Fir |
| 1337643 | HES | 8 | 568196 | 7025200 | Chocolate Brown | Clay | Damp | Subtle Slope | 30 | B | Subalpine Fir |
| 1337644 | HES | 8 | 568213 | 7025188 | Chocolate Brown | Clay | Damp | Subtle Slope | 30 | B | Subalpine Fir |
| 1337645 | HES | 8 | 568230 | 7025177 | Reddish Orange | Sand | Damp | Flat | 30 | C | Dwarf Birch |
| 1337646 | HES | 8 | 568248 | 7025168 | Grey | Sand | Damp | Subtle Slope | 30 | C | Subalpine Fir |
| 1337647 | HES | 8 | 568263 | 7025154 | Grey | Sand | Damp | Flat | 50 | B | Subalpine Fir |
| 1337648 | HES | 8 | 568276 | 7025137 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | B | Subalpine Fir |
| 1337649 | HES | 8 | 568289 | 7025121 | Light Bluish Grey | Sand | Damp | Subtle Slope | 80 | C | Subalpine Fir |
| 1337650 | HES | 8 | 568301 | 7025105 | Chocolate Brown | Gravel | Damp | Subtle Slope | 60 | C | Subalpine Fir |
| 1337676 | HES | 8 | 567332 | 7025278 | Reddish Brown | Clay | Wet | Subtle Slope | 40 | B | Poplar |
| 1337677 | HES | 8 | 567315 | 7025289 | Greyish Green | Sand | Damp | Subtle Slope | 40 | C | Birch Forest |
| 1337678 | HES | 8 | 567295 | 7025294 | Greyish Green | Sand | Damp | Subtle Slope | 80 | C | Black Spruce |
| 1337679 | HES | 8 | 567279 | 7025308 | Reddish Brown | Sand | Damp | Subtle Slope | 60 | B | Birch Forest |
| 1337680 | HES | 8 | 567258 | 7025310 | Chocolate Brown | Gravel | Damp | Subtle Slope | 50 | C | Birch Forest |
| 1337681 | HES | 8 | 567245 | 7025325 | Chocolate Brown | Sand | Damp | Subtle Slope | 50 | C | Poplar |
| 1337682 | HES | 8 | 567165 | 7025272 | Chocolate Brown | Sand | Wet | Subtle Slope | 30 | C | Birch Forest |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1337617 | Thin Moss Cover | Good | Rocky Terrain | | |
| 1337618 | Rock Cover | Poor | Rocky Terrain | Organic 10% | |
| 1337619 | Bare Soil | Excellent | Rocky Terrain | | |
| 1337620 | Thin Moss Cover | Poor | Rocky Terrain | Outcrop Nearby | |
| 1337621 | Thin Moss Cover | Good | Rocky Terrain | | |
| 1337622 | Thin Moss Cover | Good | Rocky Terrain | | |
| 1337623 | Thin Moss Cover | Good | Rocky | | |
| 1337624 | Leaf Cover | Excellent | Rocky | | |
| 1337625 | Leaf Cover | Excellent | Rocky | | |
| 1337626 | Bare Soil | Good | Rocky Terrain | | |
| 1337627 | Bare Soil | Good | Rocky Terrain | | |
| 1337628 | Reindeer Moss | Good | Coarse | Rocky | |
| 1337629 | Thin Moss Cover | Good | Coarse | | |
| 1337630 | Thin Moss Cover | Good | Rocky | | |
| 1337631 | Bare Soil | Good | Coarse | Rocky | |
| 1337632 | Reindeer Moss | Excellent | Coarse | Rocky | |
| 1337633 | Thin Moss Cover | Excellent | Rocky | | |
| 1337634 | Bare Soil | Good | Rocky Terrain | | |
| 1337635 | Bare Soil | Poor | Rocky | | |
| 1337636 | Reindeer Moss | Good | Rocky | | |
| 1337637 | Thin Moss Cover | Good | Coarse | Rocky | |
| 1337638 | Reindeer Moss | Good | Rocky | | |
| 1337639 | Reindeer Moss | Good | Rocky | Clay | |
| 1337640 | Reindeer Moss | Good | Coarse | Rocky | |
| 1337641 | Reindeer Moss | Poor | Rocky Terrain | Outcrop Nearby | |
| 1337642 | Reindeer Moss | Good | Rocky Terrain | | |
| 1337643 | Reindeer Moss | Good | Rocky Terrain | Outcrop Nearby | |
| 1337644 | Reindeer Moss | Good | Rocky | | |
| 1337645 | Reindeer Moss | Excellent | Coarse | Rocky | |
| 1337646 | Bare Soil | Excellent | Coarse | Rocky | |
| 1337647 | Reindeer Moss | Good | Clay | Rocky | |
| 1337648 | Reindeer Moss | Good | Rocky | | |
| 1337649 | Thin Moss Cover | Excellent | Coarse | | |
| 1337650 | Reindeer Moss | Excellent | Rocky | | |
| 1337676 | Sphagnum Moss < 30cm | Poor | | | |
| 1337677 | Sphagnum Moss < 30cm | Good | Coarse | | |
| 1337678 | Sphagnum Moss < 30cm | Good | Coarse | | soapy |
| 1337679 | Leaf Cover | Good | Fine | | green bits @60cm |
| 1337680 | Leaf Cover | Good | Coarse | | |
| 1337681 | Leaf Cover | Good | Coarse | | |
| 1337682 | Leaf Cover | Good | Coarse | | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337617 | | 1337617 | -1 | 5116 | 1027 | 322 | -1 | 322 | 3366 | 104 | 2741 | 67 | 1694 | 53 |
| 1337618 | | 1337618 | -1 | 3808 | 2100 | 232 | -1 | 192 | 5305 | 84 | 8962 | 86 | 3037 | 43 |
| 1337619 | | 1337619 | -1 | 3425 | 2535 | 243 | 370 | 65 | 708 | 41 | 5889 | 69 | 395 | 22 |
| 1337620 | | 1337620 | -1 | 5490 | 1803 | 338 | -1 | 396 | 1590 | 76 | 7588 | 101 | 27386 | 220 |
| 1337621 | | 1337621 | -1 | 3671 | 2213 | 246 | -1 | 191 | 2727 | 63 | 3434 | 54 | 2678 | 45 |
| 1337622 | | 1337622 | -1 | 3922 | 2141 | 250 | -1 | 188 | 5677 | 91 | 4861 | 66 | 1516 | 36 |
| 1337623 | | 1337623 | -1 | 4092 | 1943 | 261 | -1 | 207 | 4507 | 87 | 4388 | 66 | 1739 | 40 |
| 1337624 | | 1337624 | -1 | 7726 | 2633 | 459 | -1 | 562 | 1271 | 95 | 13519 | 168 | 40817 | 358 |
| 1337625 | 1337624 | 1337625 | -1 | 4789 | 1676 | 286 | -1 | 229 | 5640 | 105 | 6654 | 87 | 1622 | 43 |
| 1337626 | | 1337626 | -1 | 4610 | 2511 | 318 | -1 | 257 | 11171 | 150 | 2246 | 57 | 2519 | 52 |
| 1337627 | | 1337627 | -1 | 4615 | 1619 | 314 | -1 | 290 | 7523 | 133 | 1558 | 53 | 2147 | 52 |
| 1337628 | | 1337628 | -1 | 4478 | 1741 | 282 | -1 | 226 | 7683 | 120 | 3097 | 61 | 1915 | 45 |
| 1337629 | | 1337629 | -1 | 5174 | 1993 | 335 | -1 | 289 | 11976 | 167 | 1882 | 58 | 2914 | 59 |
| 1337630 | | 1337630 | -1 | 6060 | 1949 | 400 | -1 | 362 | 5918 | 146 | 1288 | 59 | 1968 | 61 |
| 1337631 | | 1337631 | -1 | 4402 | 1784 | 274 | -1 | 223 | 10320 | 135 | 2272 | 54 | 2254 | 46 |
| 1337632 | | 1337632 | -1 | 4675 | 2175 | 321 | -1 | 267 | 9193 | 140 | 2482 | 60 | 2155 | 51 |
| 1337633 | | 1337633 | -1 | 5674 | 2739 | 378 | -1 | 336 | 11899 | 168 | 4307 | 80 | 5492 | 81 |
| 1337634 | | 1337634 | -1 | 4831 | 1989 | 323 | -1 | 280 | 4081 | 103 | 1480 | 51 | 2271 | 53 |
| 1337635 | | 1337635 | -1 | 4188 | 1532 | 267 | -1 | 232 | 7495 | 117 | 2162 | 53 | 2601 | 49 |
| 1337636 | | 1337636 | -1 | 4806 | 2275 | 296 | -1 | 380 | 2670 | 69 | 10125 | 98 | 44388 | 265 |
| 1337637 | | 1337637 | -1 | 3929 | 2228 | 276 | -1 | 226 | 7068 | 109 | 1952 | 49 | 2295 | 46 |
| 1337638 | | 1337638 | -1 | 2932 | 1294 | 185 | -1 | 157 | 1100 | 41 | 1538 | 36 | 1750 | 32 |
| 1337639 | | 1337639 | -1 | 4279 | 2152 | 288 | -1 | 249 | 5716 | 104 | 1983 | 51 | 1884 | 47 |
| 1337640 | | 1337640 | -1 | 4479 | 1870 | 282 | -1 | 245 | 9191 | 128 | 2325 | 54 | 2455 | 50 |
| 1337641 | | 1337641 | -1 | 3137 | 1604 | 209 | 499 | 67 | 648 | 39 | 2039 | 42 | 1770 | 33 |
| 1337642 | | 1337642 | -1 | 4210 | 2230 | 280 | 400 | 84 | 2287 | 70 | 3056 | 58 | 2179 | 45 |
| 1337643 | | 1337643 | -1 | 3430 | 1843 | 237 | -1 | 192 | 1706 | 55 | 1438 | 39 | 1925 | 41 |
| 1337644 | | 1337644 | -1 | 3758 | 1144 | 233 | -1 | 207 | 5113 | 89 | 1356 | 41 | 1854 | 41 |
| 1337645 | | 1337645 | -1 | 6582 | 3005 | 433 | -1 | 366 | 10477 | 172 | 3782 | 82 | 2268 | 65 |
| 1337646 | | 1337646 | -1 | 5042 | 1843 | 324 | -1 | 293 | 8158 | 134 | 3343 | 68 | 2360 | 54 |
| 1337647 | | 1337647 | -1 | 3365 | 2049 | 231 | -1 | 188 | 1952 | 54 | 2497 | 46 | 1483 | 36 |
| 1337648 | | 1337648 | -1 | 3947 | 1683 | 262 | -1 | 225 | 4624 | 90 | 1768 | 47 | 2115 | 46 |
| 1337649 | | 1337649 | -1 | 4632 | 1969 | 292 | 516 | 94 | 12702 | 156 | 3523 | 66 | 2761 | 52 |
| 1337650 | | 1337650 | -1 | 4658 | 2207 | 301 | -1 | 243 | 4826 | 98 | 4284 | 70 | 1836 | 46 |
| 1337676 | | 1337676 | -1 | 2962 | 1672 | 201 | 222 | 57 | 754 | 37 | 888 | 31 | 1464 | 31 |
| 1337677 | | 1337677 | -1 | 4019 | 1438 | 250 | -1 | 222 | 2798 | 72 | 4895 | 70 | 1186 | 36 |
| 1337678 | | 1337678 | -1 | 8034 | 1994 | 524 | 711 | 169 | 2827 | 143 | 4782 | 137 | 1888 | 79 |
| 1337679 | | 1337679 | -1 | 3709 | 886 | 236 | -1 | 229 | 1289 | 60 | 887 | 38 | 1744 | 42 |
| 1337680 | | 1337680 | -1 | 3875 | 1295 | 229 | 512 | 75 | 4163 | 80 | 3077 | 54 | 1065 | 33 |
| 1337681 | | 1337681 | -1 | 4098 | 2099 | 251 | -1 | 197 | 3295 | 74 | 5879 | 73 | 1646 | 37 |
| 1337682 | | 1337682 | -1 | 3293 | 1104 | 210 | 197 | 65 | 761 | 46 | 2566 | 50 | 437 | 22 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337617 | 43 | 5 | 266 | 7 | 18233 | 114 | 258 | 25 | -1 | 16 | -1 | 7 | 32 | 2 | 13.1 |
| 1337618 | 54 | 3 | 172 | 4 | 7224 | 52 | 122 | 15 | -1 | 12 | -1 | 6 | 31 | 2 | 3 |
| 1337619 | 17 | 3 | 307 | 5 | 15196 | 93 | 303 | 22 | -1 | 15 | 13 | 2 | 52 | 2 | 10.1 |
| 1337620 | -1 | 12 | 202 | 5 | 9382 | 67 | 220 | 18 | -1 | 14 | -1 | 6 | 27 | 2 | 5.8 |
| 1337621 | 36 | 4 | 298 | 5 | 22266 | 127 | 308 | 26 | -1 | 16 | 21 | 2 | 67 | 2 | 22.9 |
| 1337622 | 32 | 3 | 290 | 5 | 20078 | 117 | 223 | 25 | -1 | 16 | 24 | 3 | 60 | 2 | 12.4 |
| 1337623 | 38 | 4 | 300 | 5 | 16654 | 99 | 173 | 22 | -1 | 15 | 18 | 2 | 43 | 2 | 19 |
| 1337624 | -1 | 13 | 170 | 5 | 6272 | 57 | 196 | 17 | -1 | 15 | -1 | 8 | 16 | 2 | 11.5 |
| 1337625 | 49 | 4 | 374 | 7 | 22248 | 122 | 326 | 25 | -1 | 15 | 28 | 3 | 58 | 2 | 21.9 |
| 1337626 | 58 | 5 | 146 | 5 | 27773 | 146 | 404 | 28 | -1 | 16 | 29 | 3 | 57 | 2 | 16.8 |
| 1337627 | 47 | 5 | 141 | 5 | 20906 | 119 | 260 | 25 | -1 | 15 | 16 | 2 | 39 | 2 | 11.2 |
| 1337628 | 42 | 4 | 354 | 6 | 25527 | 134 | 291 | 26 | -1 | 16 | 32 | 3 | 66 | 2 | 28.2 |
| 1337629 | 55 | 5 | 174 | 6 | 29194 | 157 | 342 | 29 | -1 | 16 | 27 | 3 | 53 | 2 | 15.3 |
| 1337630 | 47 | 6 | 123 | 6 | 19038 | 124 | 261 | 27 | -1 | 17 | 20 | 3 | 31 | 2 | 8 |
| 1337631 | 45 | 4 | 128 | 4 | 26921 | 153 | 357 | 30 | -1 | 16 | 14 | 2 | 58 | 2 | 6.4 |
| 1337632 | 50 | 5 | 93 | 5 | 34768 | 185 | 458 | 33 | -1 | 17 | 23 | 3 | 49 | 2 | 4.7 |
| 1337633 | 64 | 6 | 611 | 9 | 48328 | 248 | 437 | 38 | -1 | 20 | 60 | 3 | 70 | 3 | 21.2 |
| 1337634 | 40 | 5 | 103 | 5 | 17532 | 104 | 208 | 23 | -1 | 14 | -1 | 7 | 36 | 2 | 6.1 |
| 1337635 | 56 | 4 | 67 | 4 | 21051 | 114 | 311 | 24 | -1 | 14 | 10 | 2 | 37.6 | 2 | 3.7 |
| 1337636 | -1 | 10 | 41 | 3 | 11009 | 67 | 309 | 18 | -1 | 13 | 13 | 2 | 63 | 2 | -1 |
| 1337637 | 46 | 4 | 133 | 4 | 20313 | 119 | 248 | 25 | -1 | 16 | 24 | 3 | 53 | 2 | 16.9 |
| 1337638 | 20 | 2 | 106 | 3 | 12807 | 80 | 383 | 21 | -1 | 15 | 35 | 3 | 86 | 3 | 8.7 |
| 1337639 | 48 | 4 | 213 | 5 | 18619 | 103 | 262 | 23 | 17 | 5 | 24 | 2 | 78 | 2 | 11 |
| 1337640 | 65 | 5 | 178 | 5 | 26331 | 150 | 283 | 29 | -1 | 17 | 35 | 3 | 64 | 2 | 39.3 |
| 1337641 | 24 | 3 | 67 | 3 | 8828 | 60 | 197 | 17 | -1 | 13 | 7 | 2 | 29.2 | 2 | 7 |
| 1337642 | 33 | 4 | 294 | 6 | 15367 | 87 | 176 | 20 | -1 | 13 | -1 | 6 | 68 | 2 | 4.1 |
| 1337643 | 42 | 4 | 119 | 4 | 16935 | 101 | 297 | 23 | -1 | 15 | 8 | 2 | 46 | 2 | 9.6 |
| 1337644 | 36 | 4 | 91 | 4 | 25963 | 147 | 420 | 29 | -1 | 16 | 22 | 3 | 51 | 2 | 14.5 |
| 1337645 | 54 | 7 | 513 | 10 | 65875 | 351 | 742 | 47 | -1 | 22 | 54 | 3 | 60 | 3 | -1 |
| 1337646 | 50 | 5 | 250 | 6 | 37627 | 200 | 643 | 34 | -1 | 18 | 42 | 3 | 53 | 2 | 5.4 |
| 1337647 | 35 | 3 | 180 | 4 | 19801 | 117 | 354 | 26 | -1 | 17 | 29 | 3 | 68 | 2 | 26.1 |
| 1337648 | 43 | 4 | 160 | 5 | 19459 | 114 | 302 | 25 | -1 | 16 | 15 | 2 | 78 | 3 | 15.8 |
| 1337649 | 63 | 4 | 102 | 4 | 26053 | 139 | 377 | 27 | -1 | 15 | 8 | 2 | 57 | 2 | -1 |
| 1337650 | 45 | 4 | 267 | 6 | 27969 | 147 | 359 | 28 | -1 | 16 | 33 | 3 | 63 | 2 | 29 |
| 1337676 | 29 | 3 | 195 | 4 | 14467 | 87 | 395 | 22 | -1 | 14 | 17 | 2 | 53 | 2 | 8.8 |
| 1337677 | 35 | 4 | 257 | 5 | 19779 | 105 | 461 | 23 | -1 | 14 | 8 | 2 | 54 | 2 | 7.1 |
| 1337678 | 30 | 7 | 260 | 10 | 20688 | 120 | 532 | 26 | -1 | 15 | 22 | 2 | 61 | 2 | 4.9 |
| 1337679 | 27 | 3 | 179 | 5 | 11530 | 72 | 236 | 19 | -1 | 13 | 11 | 2 | 33.5 | 2 | 7.8 |
| 1337680 | 34 | 3 | 232 | 5 | 20924 | 121 | 466 | 26 | -1 | 16 | 9 | 2 | 55 | 2 | 7 |
| 1337681 | 41 | 3 | 255 | 5 | 12804 | 81 | 223 | 20 | -1 | 14 | 12 | 2 | 45 | 2 | 6.6 |
| 1337682 | 11 | 2 | 216 | 4 | 6875 | 47 | 195 | 14 | -1 | 11 | -1 | 6 | 21.9 | 2 | -1 |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337617 | 1.3 | -1 | 1.9 | 59 | 1.2 | 80 | 8 | 212 | 21 | -1 | 24 | -1 | 8 | -1 | 12 | -1 |
| 1337618 | 1 | -1 | 1.6 | 119 | 1.5 | 117 | 9 | 385 | 29 | -1 | 23 | -1 | 7 | -1 | 9 | -1 |
| 1337619 | 1.3 | -1 | 1.9 | 67.9 | 1.2 | 70 | 6 | 280 | 21 | -1 | 19 | -1 | 6 | -1 | 8 | -1 |
| 1337620 | 1.1 | -1 | 1.7 | 28.7 | 0.9 | 60 | 7 | 202 | 22 | -1 | 25 | -1 | 10 | -1 | 13 | -1 |
| 1337621 | 1.4 | -1 | 1.8 | 62.8 | 1.1 | 90 | 8 | 254 | 20 | -1 | -20.7 | -1 | 8 | -1 | 11 | -1 |
| 1337622 | 1.3 | -1 | 1.7 | 91.6 | 1.4 | 78 | 7 | 254 | 20 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1337623 | 1.3 | -1 | 1.7 | 55 | 1.1 | 64 | 6 | 183 | 15 | -1 | 18 | -1 | 7 | -1 | 10 | -1 |
| 1337624 | 1.4 | -1 | 1.9 | 41 | 1.2 | 50 | 7 | 130 | 16 | -1 | 23 | -1 | 10 | -1 | 15 | -1 |
| 1337625 | 1.4 | -1 | 1.8 | 86.8 | 1.3 | 88 | 8 | 228 | 21 | -1 | 22 | -1 | 8 | -1 | 11 | -1 |
| 1337626 | 1.4 | -1 | 1.8 | 140.4 | 1.6 | 79 | 7 | 148 | 12 | -1 | 16 | -1 | 7 | -1 | 9 | 14 |
| 1337627 | 1.2 | -1 | 1.8 | 94.9 | 1.4 | 71 | 7 | 170 | 16 | -1 | -20.6 | -1 | 8 | -1 | 11 | -1 |
| 1337628 | 1.5 | -1 | 1.7 | 93.6 | 1.3 | 74 | 7 | 159 | 13 | -1 | 18 | -1 | 7 | -1 | 10 | -1 |
| 1337629 | 1.4 | -1 | 1.8 | 132.1 | 1.6 | 92 | 8 | 189 | 16 | -1 | 19 | -1 | 7 | -1 | 11 | -1 |
| 1337630 | 1.3 | -1 | 2 | 99 | 1.6 | 131 | 16 | 204 | 24 | -1 | 27 | -1 | 11 | -1 | 15 | -1 |
| 1337631 | 1.3 | -1 | 1.9 | 126.7 | 1.6 | 96 | 8 | 138 | 11 | -1 | 16 | -1 | 7 | -1 | 10 | 16 |
| 1337632 | 1.6 | -1 | 1.9 | 181.7 | 1.9 | 108 | 10 | 142 | 13 | -1 | -19.5 | -1 | 8 | -1 | 11 | -1 |
| 1337633 | 1.5 | -1 | 1.8 | 187.1 | 2 | 126 | 12 | 177 | 16 | -1 | -22.1 | -1 | 8 | -1 | 12 | -1 |
| 1337634 | 1.1 | -1 | 1.7 | 64.6 | 1.2 | 75 | 8 | 192 | 18 | -1 | 22 | -1 | 8 | -1 | 11 | -1 |
| 1337635 | 1.1 | -1 | 1.6 | 138.8 | 1.6 | 95 | 9 | 189 | 17 | -1 | 20 | -1 | 8 | -1 | 11 | -1 |
| 1337636 | 3.1 | -1 | 1.6 | 128.4 | 1.5 | 121 | 12 | 152 | 15 | -1 | -21.8 | -1 | 10 | -1 | 13 | -1 |
| 1337637 | 1.4 | -1 | 1.8 | 96.5 | 1.4 | 73 | 5 | 147 | 10 | -1 | 15 | -1 | 6 | -1 | 7 | -1 |
| 1337638 | 1.2 | -1 | 1.8 | 70.7 | 1.2 | 109 | 9 | 234 | 18 | -1 | -19.4 | -1 | 7 | -1 | 9 | -1 |
| 1337639 | 1.1 | -1 | 1.6 | 78.3 | 1.2 | 100 | 9 | 195 | 17 | -1 | -20.6 | -1 | 8 | -1 | 10 | -1 |
| 1337640 | 1.7 | -1 | 1.8 | 119.3 | 1.6 | 86 | 7 | 212 | 16 | -1 | -18.5 | -1 | 6 | -1 | 9 | -1 |
| 1337641 | 1.1 | -1 | 1.6 | 45.9 | 1 | 71 | 6 | 251 | 21 | -1 | -21.4 | -1 | 7 | -1 | 10 | -1 |
| 1337642 | 1 | -1 | 1.5 | 28.1 | 0.8 | 87 | 9 | 312 | 30 | -1 | 27 | -1 | 9 | -1 | 12 | -1 |
| 1337643 | 1.2 | -1 | 1.8 | 42.7 | 1 | 79 | 6 | 282 | 20 | -1 | 20 | -1 | 6 | -1 | 9 | -1 |
| 1337644 | 1.3 | -1 | 1.8 | 102.8 | 1.5 | 98 | 9 | 230 | 19 | -1 | 21 | -1 | 8 | -1 | 11 | -1 |
| 1337645 | 4.8 | -1 | 1.9 | 135.3 | 1.8 | 93 | 9 | 163 | 16 | -1 | -22.5 | -1 | 8 | -1 | 12 | -1 |
| 1337646 | 1.3 | -1 | 1.9 | 158.5 | 1.8 | 98 | 9 | 158 | 14 | -1 | -20.4 | -1 | 8 | -1 | 11 | -1 |
| 1337647 | 1.5 | -1 | 1.8 | 85.5 | 1.3 | 97 | 8 | 265 | 20 | -1 | -20.1 | -1 | 7 | -1 | 9 | -1 |
| 1337648 | 1.3 | -1 | 1.7 | 69.1 | 1.2 | 73 | 6 | 221 | 17 | -1 | -19.1 | -1 | 6 | -1 | 9 | -1 |
| 1337649 | 3.3 | -1 | 1.7 | 206.2 | 2 | 115 | 10 | 118 | 10 | -1 | 16 | -1 | 7 | -1 | 9 | -1 |
| 1337650 | 1.5 | -1 | 1.7 | 90.2 | 1.3 | 73 | 6 | 179 | 15 | -1 | -18.5 | -1 | 7 | -1 | 9 | -1 |
| 1337676 | 1.2 | -1 | 1.7 | 52.1 | 1 | 89 | 7 | 234 | 18 | -1 | -19 | -1 | 7 | -1 | 9 | -1 |
| 1337677 | 1.2 | -1 | 1.6 | 132.8 | 1.5 | 98 | 8 | 169 | 13 | -1 | 17 | -1 | 6 | -1 | 9 | -1 |
| 1337678 | 1.3 | -1 | 1.8 | 163.7 | 1.8 | 86 | 7 | 129 | 10 | -1 | 15 | -1 | 6 | -1 | 8 | -1 |
| 1337679 | 1.1 | -1 | 1.6 | 46.1 | 1 | 89 | 9 | 272 | 27 | -1 | -26.6 | -1 | 10 | -1 | 14 | -1 |
| 1337680 | 1.2 | -1 | 1.7 | 159.9 | 1.8 | 124 | 10 | 170 | 13 | -1 | -17.8 | -1 | 7 | -1 | 9 | -1 |
| 1337681 | 1.2 | -1 | 1.7 | 76.7 | 1.3 | 120 | 10 | 376 | 31 | -1 | -25.8 | -1 | 8 | -1 | 11 | -1 |
| 1337682 | 2.8 | -1 | 1.5 | 44.7 | 0.9 | 46 | 5 | 206 | 18 | -1 | -21.1 | -1 | 8 | -1 | 10 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337617 | 16 | -1 | 22 | 512 | 21 | -1 | 16 | -1 | 4.1 | 12.8 | 1.6 | Soil | PASS | 91.32 |
| 1337618 | 13 | -1 | 17 | 385 | 14 | -1 | 14 | -1 | 3.7 | 9.3 | 1.4 | Soil | PASS | 88.37 |
| 1337619 | 11 | -1 | 15 | 153 | 10 | -1 | 15 | -1 | 3.9 | 21.2 | 1.6 | Soil | PASS | 88.25 |
| 1337620 | 18 | -1 | 24 | 821 | 40 | -1 | 14 | -1 | 3.7 | 11.9 | 1.5 | Soil | PASS | 91.34 |
| 1337621 | 15 | -1 | 19 | 493 | 17 | -1 | 15 | -1 | 3.8 | 21.4 | 1.6 | Soil | PASS | 87.96 |
| 1337622 | 14 | -1 | 18 | 351 | 14 | -1 | 14 | -1 | 4 | 17.4 | 1.6 | Soil | PASS | 88.08 |
| 1337623 | 14 | -1 | 18 | 388 | 16 | -1 | 14 | -1 | 3.7 | 16.6 | 1.5 | Soil | PASS | 88.47 |
| 1337624 | 19 | -1 | 25 | 825 | 55 | -1 | 16 | -1 | 4.3 | 10.2 | 1.7 | Soil | PASS | 91.71 |
| 1337625 | 15 | -1 | 20 | 409 | 17 | -1 | 15 | 5.5 | 1.4 | 21.5 | 1.6 | Soil | PASS | 90.75 |
| 1337626 | 4 | -1 | 16 | 456 | 19 | -1 | 15 | -1 | 3.9 | 24.6 | 1.7 | Soil | PASS | 90.21 |
| 1337627 | 14 | -1 | 19 | 420 | 20 | -1 | 15 | -1 | 3.8 | 14.6 | 1.5 | Soil | PASS | 90.89 |
| 1337628 | 13 | -1 | 17 | 350 | 17 | -1 | 14 | -1 | 3.7 | 27.5 | 1.6 | Soil | PASS | 90.36 |
| 1337629 | 14 | -1 | 18 | 463 | 21 | -1 | 15 | -1 | 4.1 | 22.4 | 1.7 | Soil | PASS | 90.65 |
| 1337630 | 20 | -1 | 27 | 507 | 24 | -1 | 17 | -1 | 4.4 | 15.3 | 1.7 | Soil | PASS | 91.47 |
| 1337631 | 5 | -1 | 17 | 400 | 17 | -1 | 15 | -1 | 4.2 | 19.5 | 1.7 | Soil | PASS | 88.21 |
| 1337632 | 15 | -1 | 19 | 431 | 19 | -1 | 15 | 5.2 | 1.4 | 49 | 2 | Soil | PASS | 90.69 |
| 1337633 | 16 | -1 | 20 | 636 | 27 | -1 | 16 | -1 | 4.2 | 24.8 | 1.8 | Soil | PASS | 90.35 |
| 1337634 | 15 | -1 | 20 | 428 | 20 | -1 | 14 | -1 | 3.9 | 12.8 | 1.5 | Soil | PASS | 91.18 |
| 1337635 | 15 | -1 | 19 | 420 | 18 | -1 | 13 | 3.9 | 1.3 | 12.4 | 1.4 | Soil | PASS | 90.64 |
| 1337636 | 18 | -1 | 24 | 1202 | 41 | -1 | 13 | -1 | 3.5 | 15.5 | 1.4 | Soil | PASS | 90.55 |
| 1337637 | 10 | -1 | 14 | 411 | 17 | -1 | 15 | -1 | 3.9 | 20.4 | 1.6 | Soil | PASS | 88.13 |
| 1337638 | 13 | -1 | 17 | 207 | 11 | -1 | 15 | -1 | 3.8 | 18.6 | 1.5 | Soil | PASS | 88.23 |
| 1337639 | 14 | -1 | 19 | 541 | 18 | -1 | 14 | -1 | 3.6 | 12.1 | 1.4 | Soil | PASS | 90.73 |
| 1337640 | 12 | -1 | 16 | 512 | 19 | -1 | 17 | -1 | 4.1 | 24.7 | 1.7 | Soil | PASS | 88.04 |
| 1337641 | 15 | -1 | 19 | 181 | 11 | -1 | 14 | -1 | 3.6 | 13.7 | 1.4 | Soil | PASS | 88.39 |
| 1337642 | 17 | -1 | 23 | 357 | 16 | -1 | 12 | -1 | 3.3 | 10 | 1.3 | Soil | PASS | 90.61 |
| 1337643 | 12 | -1 | 16 | 426 | 15 | -1 | 15 | -1 | 4 | 16.4 | 1.5 | Soil | PASS | 88.34 |
| 1337644 | 15 | -1 | 20 | 361 | 16 | -1 | 15 | -1 | 4.1 | 17.1 | 1.6 | Soil | PASS | 88.08 |
| 1337645 | 16 | -1 | 21 | 471 | 25 | -1 | 15 | -1 | 4.3 | 45 | 2 | Soil | PASS | 90.54 |
| 1337646 | 14 | -1 | 19 | 434 | 20 | -1 | 16 | 5 | 1.4 | 22.6 | 1.7 | Soil | PASS | 90.7 |
| 1337647 | 13 | -1 | 17 | 401 | 14 | -1 | 16 | -1 | 4 | 25.2 | 1.7 | Soil | PASS | 88 |
| 1337648 | 12 | -1 | 16 | 465 | 17 | -1 | 15 | -1 | 3.9 | 19.9 | 1.6 | Soil | PASS | 88.31 |
| 1337649 | 13 | -1 | 16 | 507 | 19 | -1 | 14 | -1 | 3.9 | 17.9 | 1.6 | Soil | PASS | 90.5 |
| 1337650 | 13 | -1 | 17 | 418 | 18 | -1 | 15 | -1 | 3.9 | 21.9 | 1.6 | Soil | PASS | 90.55 |
| 1337676 | 13 | -1 | 17 | 202 | 11 | -1 | 14 | -1 | 3.6 | 20.1 | 1.5 | Soil | PASS | 88.29 |
| 1337677 | 12 | -1 | 16 | 300 | 14 | -1 | 13 | -1 | 3.6 | 21.3 | 1.5 | Soil | PASS | 90.33 |
| 1337678 | 11 | -1 | 15 | 236 | 28 | -1 | 15 | 5.3 | 1.4 | 22.2 | 1.7 | Soil | PASS | 58.32 |
| 1337679 | 18 | -1 | 25 | 344 | 16 | -1 | 13 | -1 | 3.7 | 14.2 | 1.4 | Soil | PASS | 90.91 |
| 1337680 | 13 | -1 | 16 | 263 | 13 | -1 | 14 | -1 | 4.1 | 15.1 | 1.5 | Soil | PASS | 88.14 |
| 1337681 | 15 | -1 | 20 | 334 | 14 | -1 | 14 | -1 | 3.8 | 16 | 1.5 | Soil | PASS | 88.4 |
| 1337682 | 15 | -1 | 19 | 125 | 9 | -1 | 12 | -1 | 3.3 | 13.7 | 1.3 | Soil | PASS | 90.68 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337683 | HES | 8 | 567181 | 7025260 | Chocolate Brown | Sand | Damp | Subtle Slope | 50 | C | Birch Forest |
| 1337684 | HES | 8 | 567199 | 7025251 | Chocolate Brown | Sand | Damp | Subtle Slope | 30 | C | Poplar |
| 1337685 | HES | 8 | 567217 | 7025245 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Birch Forest |
| 1337686 | HES | 8 | 567234 | 7025233 | Reddish Yellow | Sand | Dry | Subtle Slope | 60 | C | Birch Forest |
| 1337687 | HES | 8 | 567252 | 7025223 | Chocolate Brown | Sand | Wet | Subtle Slope | 40 | B | Birch Forest |
| 1337688 | HES | 8 | 567270 | 7025221 | Chocolate Brown | Sand | Damp | Subtle Slope | 50 | C | Birch Forest |
| 1337689 | HES | 8 | 567452 | 7025266 | Chocolate Brown | Clay | Wet | Subtle Slope | 60 | B | Pine |
| 1337690 | HES | 8 | 567610 | 7025213 | Chocolate Brown | Clay | Wet | Flat | 50 | B | Pine |
| 1337691 | HES | 8 | 567594 | 7025226 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1337692 | HES | 8 | 567572 | 7025226 | Chocolate Brown | Sand | Damp | Subtle Slope | 70 | B | Pine |
| 1337693 | HES | 8 | 567553 | 7025234 | Chocolate Brown | Sand | Damp | Subtle Slope | 70 | C | Pine |
| 1337694 | HES | 8 | 567533 | 7025236 | Chocolate Brown | Sand | Damp | Subtle Slope | 70 | B | Pine |
| 1337695 | HES | 8 | 567517 | 7025248 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1337696 | HES | 8 | 567495 | 7025254 | Chocolate Brown | Sand | Dry | Flat | 60 | B | Pine |
| 1337697 | HES | 8 | 567473 | 7025261 | Bluish Grey | Sand | Damp | Subtle Slope | 60 | B | Birch Forest |
| 1337752 | HES | 8 | 567849 | 7025778 | Chocolate Brown | Clay | Damp | Flat | 60 | B | Poplar |
| 1337753 | HES | 8 | 567861 | 7025762 | Chocolate Brown | Silt | Dry | Subtle Slope | 20 | B | Poplar |
| 1337754 | HES | 8 | 567876 | 7025750 | Chocolate Brown | Sand | Dry | Flat | 30 | C | Birch Forest |
| 1337755 | HES | 8 | 567896 | 7025749 | Chocolate Brown | Silt | Dry | Flat | 30 | B | Poplar |
| 1337756 | HES | 8 | 567907 | 7025732 | Light Bluish Grey | Clay | Dry | Flat | 20 | B | Birch Forest |
| 1337757 | HES | 8 | 567909 | 7025712 | Chocolate Brown | Sand | Dry | Flat | 50 | C | Birch Forest |
| 1337758 | HES | 8 | 567926 | 7025701 | Chocolate Brown | Sand | Dry | Flat | 30 | C | Birch Forest |
| 1337759 | HES | 8 | 567943 | 7025692 | Chocolate Brown | Sand | Dry | Flat | 40 | C | Birch Forest |
| 1337760 | HES | 8 | 567959 | 7025682 | Chocolate Brown | Sand | Dry | Subtle Slope | 30 | C | Birch Forest |
| 1337761 | HES | 8 | 567977 | 7025671 | Chocolate Brown | Clay | Dry | Subtle Slope | 60 | B | Birch Forest |
| 1337762 | HES | 8 | 567993 | 7025659 | Chocolate Brown | Clay | Damp | Subtle Slope | 60 | C | Birch Forest |
| 1337763 | HES | 8 | 568013 | 7025656 | Chocolate Brown | Clay | Damp | Flat | 40 | C | Birch Forest |
| 1337764 | HES | 8 | 568031 | 7025646 | Chocolate Brown | Sand | Damp | Flat | 20 | C | Birch Forest |
| 1337765 | HES | 8 | 568047 | 7025633 | Chocolate Brown | Clay | Dry | Subtle Slope | 50 | C | Birch Forest |
| 1337766 | HES | 8 | 568062 | 7025619 | Chocolate Brown | Gravel | Dry | Flat | 30 | C | Birch Forest |
| 1337767 | HES | 8 | 568077 | 7025607 | Chocolate Brown | Clay | Damp | Flat | 40 | B | Birch Forest |
| 1337768 | HES | 8 | 568092 | 7025594 | Chocolate Brown | Clay | Dry | Flat | 30 | B | Birch Forest |
| 1337769 | HES | 8 | 568110 | 7025585 | Chocolate Brown | Clay | Dry | Flat | 30 | B | Birch Forest |
| 1337770 | HES | 8 | 568129 | 7025579 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Birch Forest |
| 1337771 | HES | 8 | 568144 | 7025567 | Chocolate Brown | Clay | Damp | Flat | 20 | B | Birch Forest |
| 1337772 | HES | 8 | 568159 | 7025553 | Chocolate Brown | Clay | Damp | Flat | 10 | B | Birch Forest |
| 1337773 | HES | 8 | 568177 | 7025544 | Chocolate Brown | Clay | Dry | Flat | 60 | C | Birch Forest |
| 1337774 | HES | 8 | 568190 | 7025529 | Chocolate Brown | Clay | Damp | Flat | 20 | B | Birch Forest |
| 1337775 | HES | 8 | 568190 | 7025529 | Chocolate Brown | Clay | Damp | Flat | 20 | B | Birch Forest |
| 1337776 | HES | 8 | 568208 | 7025521 | Chocolate Brown | Clay | Damp | Flat | 20 | B | Black Spruce |
| 1337777 | HES | 8 | 568218 | 7025504 | Chocolate Brown | Sand | Dry | Flat | 40 | C | Pine |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1337683 | Leaf Cover | Good | Coarse | | |
| 1337684 | Leaf Cover | Excellent | Coarse | | |
| 1337685 | Leaf Cover | Good | Coarse | Rusty Rock Chip | lots of exposed quartz as seen in samp photo |
| 1337686 | Leaf Cover | Excellent | Coarse | | |
| 1337687 | Leaf Cover | Good | Fine | | |
| 1337688 | Leaf Cover | Excellent | Coarse | | |
| 1337689 | Thin Moss Cover | Poor | Dull Red Rust | | |
| 1337690 | Needle Cover | Poor | | | |
| 1337691 | Needle Cover | Excellent | Coarse | | in recess between two mini ridges |
| 1337692 | Sphagnum Moss < 30cm | Good | Fine | | |
| 1337693 | Needle Cover | Good | Fine | | |
| 1337694 | Leaf Cover | Good | Fine | | |
| 1337695 | Reindeer Moss | Excellent | Coarse | Bright Orange Rust | |
| 1337696 | Reindeer Moss | Good | Fine | | little bit of orange grit in samp |
| 1337697 | Reindeer Moss | Good | Fine | | big colour change |
| 1337752 | Leaf Cover | Good | Rocky | | |
| 1337753 | Leaf Cover | Poor | Organic 10% | Rocky Terrain | |
| 1337754 | Reindeer Moss | Good | Rocky Sample | | |
| 1337755 | Leaf Cover | Poor | Organic 10% | Rocky Terrain | |
| 1337756 | Leaf Cover | Good | Rocky | | |
| 1337757 | Leaf Cover | Good | Rocky | | |
| 1337758 | Leaf Cover | Good | Rocky | | |
| 1337759 | Leaf Cover | Good | Rocky | | |
| 1337760 | Leaf Cover | Good | Rocky | | |
| 1337761 | Leaf Cover | Good | Rocky | | |
| 1337762 | Grass Cover | Good | Rocky | | |
| 1337763 | Grass Cover | Good | Rocky Terrain | Sandy | |
| 1337764 | Grass Cover | Excellent | Rocky Terrain | | |
| 1337765 | Reindeer Moss | Excellent | Rocky Terrain | Sandy | |
| 1337766 | Reindeer Moss | Good | Rocky Terrain | Sandy | |
| 1337767 | Reindeer Moss | Good | Rocky Terrain | | |
| 1337768 | Leaf Cover | Good | Rocky Terrain | | |
| 1337769 | Reindeer Moss | Good | Rocky Terrain | | |
| 1337770 | Reindeer Moss | Good | Organic 10% | Rocky Terrain | |
| 1337771 | Grass Cover | Good | Rocky Terrain | | |
| 1337772 | Thin Moss Cover | Good | Organic 10% | Rocky Terrain | |
| 1337773 | Grass Cover | Good | Rocky Terrain | Sandy | |
| 1337774 | Thin Moss Cover | Good | Organic 10% | Rocky Terrain | |
| 1337775 | Thin Moss Cover | Good | Organic 10% | Rocky Terrain | |
| 1337776 | Reindeer Moss | Good | Rocky Terrain | | |
| 1337777 | Grass Cover | Excellent | Rocky | | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337683 | | 1337683 | -1 | 4261 | 1838 | 271 | -1 | 228 | 1316 | 60 | 5441 | 77 | 816 | 31 |
| 1337684 | | 1337684 | -1 | 3462 | 1781 | 215 | -1 | 165 | 1024 | 43 | 3970 | 55 | 816 | 26 |
| 1337685 | | 1337685 | -1 | 3289 | 1412 | 202 | 227 | 60 | 939 | 41 | 3836 | 54 | 1586 | 32 |
| 1337686 | | 1337686 | -1 | 3569 | 2921 | 242 | 521 | 65 | 1778 | 51 | 4314 | 57 | 959 | 26 |
| 1337687 | | 1337687 | -1 | 3554 | 1394 | 231 | -1 | 207 | 2608 | 67 | 1947 | 45 | 1224 | 34 |
| 1337688 | | 1337688 | -1 | 3283 | 1614 | 216 | 645 | 71 | 1888 | 54 | 3618 | 54 | 1886 | 35 |
| 1337689 | | 1337689 | -1 | 3278 | 1350 | 208 | -1 | 181 | 1177 | 46 | 2168 | 44 | 2220 | 39 |
| 1337690 | | 1337690 | -1 | 3173 | 1410 | 204 | 182 | 60 | 3829 | 70 | 1710 | 40 | 1593 | 34 |
| 1337691 | | 1337691 | -1 | 3756 | 1666 | 225 | -1 | 183 | 1668 | 53 | 3834 | 56 | 2143 | 38 |
| 1337692 | | 1337692 | -1 | 3251 | 1652 | 203 | 266 | 59 | 1711 | 49 | 3179 | 49 | 1620 | 33 |
| 1337693 | | 1337693 | -1 | 3168 | 1398 | 194 | -1 | 168 | 3168 | 62 | 3379 | 50 | 1536 | 31 |
| 1337694 | | 1337694 | -1 | 4804 | 1805 | 315 | -1 | 285 | 2265 | 85 | 2193 | 58 | 1376 | 44 |
| 1337695 | | 1337695 | -1 | 3048 | 1016 | 186 | -1 | 162 | 1287 | 46 | 3698 | 53 | 1658 | 31 |
| 1337696 | | 1337696 | -1 | 3053 | 1158 | 187 | 489 | 62 | 1697 | 49 | 3390 | 50 | 1322 | 29 |
| 1337697 | | 1337697 | -1 | 3413 | 1252 | 214 | 760 | 77 | 2023 | 60 | 1904 | 44 | 755 | 27 |
| 1337752 | | 1337752 | -1 | 3623 | 1363 | 225 | -1 | 200 | 4836 | 84 | 1975 | 45 | 1837 | 41 |
| 1337753 | | 1337753 | -1 | 2962 | 1442 | 189 | 234 | 55 | 2047 | 52 | 3211 | 48 | 1217 | 27 |
| 1337754 | | 1337754 | -1 | 3490 | 1011 | 212 | 272 | 68 | 4255 | 80 | 2638 | 50 | 1085 | 32 |
| 1337755 | | 1337755 | -1 | 3180 | 1806 | 214 | 752 | 71 | 2202 | 56 | 2586 | 46 | 1179 | 30 |
| 1337756 | | 1337756 | -1 | 3985 | 1398 | 242 | 341 | 97 | 1555 | 58 | 7190 | 82 | 16483 | 125 |
| 1337757 | | 1337757 | -1 | 3445 | 1564 | 207 | 465 | 74 | 3106 | 62 | 3514 | 51 | 8261 | 71 |
| 1337758 | | 1337758 | -1 | 3484 | 1420 | 209 | 589 | 81 | 3401 | 65 | 4702 | 59 | 11352 | 87 |
| 1337759 | | 1337759 | -1 | 2844 | 1518 | 194 | 450 | 60 | 2248 | 55 | 1239 | 34 | 555 | 23 |
| 1337760 | | 1337760 | -1 | 3112 | 1371 | 189 | 364 | 78 | 1274 | 41 | 2491 | 41 | 17671 | 109 |
| 1337761 | | 1337761 | -1 | 2820 | 1426 | 189 | 607 | 62 | 1227 | 43 | 1044 | 32 | 678 | 23 |
| 1337762 | | 1337762 | -1 | 4092 | 1501 | 271 | 968 | 99 | 3990 | 92 | 1206 | 44 | 956 | 35 |
| 1337763 | | 1337763 | -1 | 3419 | 1644 | 224 | 572 | 71 | 2458 | 62 | 1195 | 37 | 579 | 27 |
| 1337764 | | 1337764 | -1 | 4215 | 2127 | 273 | 594 | 85 | 2949 | 77 | 3430 | 61 | 935 | 33 |
| 1337765 | | 1337765 | -1 | 3317 | 1399 | 208 | 460 | 66 | 2477 | 60 | 2060 | 43 | 867 | 28 |
| 1337766 | | 1337766 | -1 | 2665 | 2009 | 189 | 668 | 57 | 1116 | 38 | 2634 | 42 | 247 | 15 |
| 1337767 | | 1337767 | -1 | 3484 | 948 | 210 | 545 | 82 | 1400 | 53 | 2644 | 50 | 6289 | 67 |
| 1337768 | | 1337768 | -1 | 3826 | 1737 | 233 | 451 | 71 | 2781 | 65 | 2345 | 47 | 1024 | 32 |
| 1337769 | | 1337769 | -1 | 4633 | 1408 | 294 | 861 | 112 | 2715 | 87 | 2233 | 57 | 4115 | 65 |
| 1337770 | | 1337770 | -1 | 3737 | 1706 | 253 | 766 | 87 | 2205 | 67 | 1251 | 41 | 1841 | 41 |
| 1337771 | | 1337771 | -1 | 3264 | 969 | 197 | 545 | 69 | 2655 | 60 | 1801 | 40 | 1803 | 36 |
| 1337772 | | 1337772 | -1 | 2822 | 1402 | 195 | 446 | 61 | 1708 | 48 | 1451 | 36 | 1075 | 29 |
| 1337773 | | 1337773 | -1 | 3296 | 1644 | 210 | 883 | 72 | 1908 | 52 | 1356 | 36 | 628 | 25 |
| 1337774 | | 1337774 | -1 | 2828 | 1143 | 182 | 476 | 60 | 1376 | 45 | 487 | 27 | 507 | 22 |
| 1337775 | 1337774 | 1337775 | -1 | 3799 | 1030 | 235 | 625 | 85 | 1830 | 64 | 967 | 38 | 1101 | 36 |
| 1337776 | | 1337776 | -1 | 3663 | 978 | 206 | 500 | 70 | 1293 | 50 | 1618 | 41 | 434 | 24 |
| 1337777 | | 1337777 | -1 | 4215 | 1821 | 279 | 1365 | 105 | 4188 | 92 | 2452 | 55 | 915 | 34 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337683 | 26 | 3 | 269 | 5 | 16167 | 94 | 369 | 22 | -1 | 14 | 18 | 2 | 39 | 2 | **16.8** |
| 1337684 | 16 | 3 | 243 | 4 | 14081 | 86 | 387 | 22 | -1 | 14 | 12 | 2 | 38.1 | 2 | **12.7** |
| 1337685 | 23 | 3 | 225 | 4 | 13405 | 83 | 354 | 21 | -1 | 14 | 20 | 2 | 48 | 2 | **12** |
| 1337686 | 20 | 3 | 277 | 5 | 15654 | 94 | 403 | 23 | -1 | 15 | 27 | 3 | 55 | 2 | **17.4** |
| 1337687 | 28 | 3 | 100 | 4 | 16139 | 96 | 330 | 23 | -1 | 14 | 15 | 2 | 31.8 | 2 | **21.3** |
| 1337688 | 27 | 3 | 229 | 4 | 16147 | 96 | 375 | 23 | -1 | 14 | 30 | 3 | 51 | 2 | **17.9** |
| 1337689 | 32 | 3 | 246 | 5 | 12934 | 81 | 364 | 21 | -1 | 15 | 34 | 3 | 62 | 2 | **11.5** |
| 1337690 | 32 | 3 | 210 | 4 | 13280 | 82 | 171 | 20 | -1 | 14 | 14 | 2 | 47 | 2 | **18** |
| 1337691 | 21 | 3 | 243 | 5 | 18110 | 105 | 545 | 25 | -1 | 15 | 38 | 3 | 56 | 2 | **27.4** |
| 1337692 | 28 | 3 | 259 | 4 | 14496 | 88 | 409 | 22 | -1 | 15 | 33 | 3 | 71 | 2 | **7.4** |
| 1337693 | 36 | 3 | 219 | 4 | 12056 | 76 | 328 | 20 | -1 | 14 | 23 | 2 | 53 | 2 | **4.9** |
| 1337694 | 32 | 4 | 213 | 6 | 13236 | 85 | 230 | 21 | -1 | 14 | -1 | 7 | 17.4 | 2 | **17.4** |
| 1337695 | 20 | 2 | 254 | 4 | 8878 | 60 | 207 | 17 | -1 | 13 | 9 | 2 | 33.1 | 2 | **7.7** |
| 1337696 | 26 | 3 | 209 | 4 | 9658 | 64 | 273 | 18 | -1 | 13 | 18 | 2 | 47 | 2 | **6.8** |
| 1337697 | 25 | 3 | 168 | 4 | 9383 | 59 | 279 | 17 | -1 | 12 | 19 | 2 | 41.2 | 2 | **6.3** |
| 1337752 | 49 | 4 | 193 | 4 | 15317 | 93 | 173 | 22 | -1 | 15 | 23 | 3 | 32.8 | 2 | **9.2** |
| 1337753 | 17 | 2 | 293 | 4 | 6286 | 47 | 126 | 14 | -1 | 12 | -1 | 6 | 35.4 | 2 | **-1** |
| 1337754 | 38 | 3 | 235 | 5 | 16748 | 100 | 355 | 23 | -1 | 14 | 9 | 2 | 42 | 2 | **-1** |
| 1337755 | 22 | 3 | 287 | 5 | 9469 | 63 | 120 | 17 | -1 | 13 | -1 | 6 | 72 | 2 | **-1** |
| 1337756 | -1 | 7 | 144 | 3 | 1224 | 17 | -1 | 19 | -1 | 10 | -1 | 5 | 23 | 2 | **-1** |
| 1337757 | -1 | 8 | 207 | 4 | 13248 | 82 | 329 | 21 | -1 | 14 | 16 | 2 | 95 | 3 | **5.9** |
| 1337758 | -1 | 8 | 184 | 4 | 9403 | 62 | 307 | 17 | -1 | 13 | 12 | 2 | 68 | 2 | **4.8** |
| 1337759 | 19 | 2 | 188 | 4 | 10608 | 69 | 287 | 19 | -1 | 14 | 18 | 2 | 37.8 | 2 | **8.6** |
| 1337760 | -1 | 7 | 145 | 3 | 8093 | 56 | 308 | 17 | -1 | 13 | 8 | 2 | 56 | 2 | **6.4** |
| 1337761 | 16 | 2 | 183 | 4 | 9020 | 61 | 245 | 17 | -1 | 13 | 7 | 2 | 55 | 2 | **6.9** |
| 1337762 | 27 | 4 | 186 | 5 | 15488 | 90 | 299 | 21 | -1 | 13 | 20 | 2 | 26.5 | 2 | **20.9** |
| 1337763 | 29 | 3 | 242 | 5 | 15457 | 92 | 399 | 22 | -1 | 14 | 19 | 2 | 40.9 | 2 | **15.9** |
| 1337764 | 26 | 3 | 369 | 6 | 13946 | 80 | 224 | 19 | -1 | 13 | -1 | 6 | 38.7 | 2 | **8.9** |
| 1337765 | 25 | 3 | 246 | 4 | 12590 | 79 | 261 | 20 | -1 | 14 | 10 | 2 | 45 | 2 | **7.6** |
| 1337766 | 7 | 2 | 231 | 4 | 7298 | 52 | 146 | 15 | -1 | 12 | 12 | 2 | 77 | 2 | **-1** |
| 1337767 | -1 | 7 | 175 | 4 | 7705 | 51 | 286 | 15 | -1 | 11 | -1 | 6 | 48.4 | 2 | **3.5** |
| 1337768 | 30 | 3 | 223 | 5 | 20133 | 116 | 351 | 25 | -1 | 16 | 17 | 2 | 65 | 2 | **24.4** |
| 1337769 | -1 | 11 | 182 | 5 | 11865 | 77 | 288 | 20 | -1 | 14 | 7 | 2 | 26.9 | 2 | **16** |
| 1337770 | 32 | 4 | 201 | 5 | 14296 | 81 | 292 | 20 | -1 | 13 | -1 | 6 | 44.5 | 2 | **8.1** |
| 1337771 | 16 | 3 | 186 | 4 | 16426 | 97 | 296 | 23 | -1 | 14 | 7 | 2 | 94 | 3 | **22.7** |
| 1337772 | 22 | 3 | 206 | 4 | 13792 | 84 | 316 | 21 | -1 | 14 | -1 | 6 | 52 | 2 | **8.1** |
| 1337773 | 30 | 3 | 243 | 4 | 16790 | 100 | 441 | 24 | -1 | 15 | 37 | 3 | 40.3 | 2 | **28.5** |
| 1337774 | 14 | 2 | 148 | 3 | 10555 | 69 | 323 | 19 | -1 | 13 | 15 | 2 | 53 | 2 | **13** |
| 1337775 | 28 | 3 | 200 | 5 | 13023 | 76 | 272 | 19 | -1 | 13 | 7 | 2 | 47.4 | 2 | **8.7** |
| 1337776 | 12 | 3 | 188 | 4 | 14893 | 83 | 484 | 21 | -1 | 13 | 10 | 2 | 85 | 2 | **13.7** |
| 1337777 | 25 | 4 | 291 | 6 | 14339 | 83 | 131 | 19 | -1 | 13 | 13 | 2 | 25.2 | 2 | **11** |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337683 | 1.3 | -1 | 1.7 | 93.3 | 1.3 | 89 | 9 | 192 | 18 | -1 | -22.1 | -1 | 8 | -1 | 11 | -1 |
| 1337684 | 1.2 | -1 | 1.7 | 76.4 | 1.2 | 76 | 6 | 226 | 16 | -1 | -17.9 | -1 | 6 | -1 | 8 | -1 |
| 1337685 | 1.3 | -1 | 1.6 | 75.5 | 1.2 | 85 | 7 | 279 | 22 | -1 | -21.7 | -1 | 8 | -1 | 10 | -1 |
| 1337686 | 1.4 | -1 | 1.8 | 85.2 | 1.3 | 72 | 6 | 229 | 17 | -1 | 19 | -1 | 7 | -1 | 9 | -1 |
| 1337687 | 1.4 | -1 | 1.6 | 79.4 | 1.3 | 63 | 5 | 242 | 19 | -1 | 20 | -1 | 7 | -1 | 9 | -1 |
| 1337688 | 1.4 | -1 | 1.8 | 83.7 | 1.3 | 80 | 7 | 267 | 21 | -1 | 20 | -1 | 7 | -1 | 9 | -1 |
| 1337689 | 1.3 | -1 | 1.8 | 61.8 | 1.1 | 103 | 8 | 250 | 19 | -1 | -20.6 | -1 | 7 | -1 | 9 | -1 |
| 1337690 | 1.2 | -1 | 1.7 | 49.5 | 1 | 69 | 5 | 241 | 18 | -1 | 19 | -1 | 6 | -1 | 9 | -1 |
| 1337691 | 1.5 | -1 | 1.8 | 74.1 | 1.2 | 79 | 7 | 212 | 17 | -1 | -19.1 | -1 | 7 | -1 | 9 | -1 |
| 1337692 | 1.2 | -1 | 1.8 | 100 | 1.4 | 133 | 10 | 279 | 21 | -1 | 20 | -1 | 7 | -1 | 9 | -1 |
| 1337693 | 1.2 | -1 | 1.7 | 136.8 | 1.6 | 123 | 10 | 245 | 19 | -1 | -20.1 | -1 | 7 | -1 | 10 | -1 |
| 1337694 | 1.3 | -1 | 1.8 | 49.5 | 1.1 | 68 | 8 | 238 | 25 | -1 | -27.6 | -1 | 10 | -1 | 13 | -1 |
| 1337695 | 1.2 | -1 | 1.6 | 49.5 | 1 | 57 | 5 | 289 | 23 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1337696 | 1.1 | -1 | 1.6 | 68 | 1.1 | 115 | 10 | 277 | 23 | -1 | -23.4 | -1 | 9 | -1 | 11 | -1 |
| 1337697 | 1.1 | -1 | 1.7 | 62 | 1.1 | 76 | 7 | 218 | 18 | -1 | -20.7 | -1 | 7 | -1 | 10 | -1 |
| 1337752 | 1.1 | -1 | 1.7 | 97.2 | 1.4 | 99 | 8 | 252 | 19 | -1 | 19 | -1 | 6 | -1 | 8 | -1 |
| 1337753 | 2.9 | -1 | 1.6 | 30.6 | 0.8 | 74 | 6 | 238 | 18 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |
| 1337754 | 3.5 | -1 | 1.7 | 134 | 1.6 | 97 | 8 | 267 | 20 | -1 | 20 | -1 | 6 | -1 | 9 | -1 |
| 1337755 | 2.9 | -1 | 1.6 | 34.5 | 0.9 | 64 | 5 | 248 | 19 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1337756 | 2.6 | -1 | 1.5 | 37.9 | 0.9 | 75 | 7 | 302 | 27 | -1 | -25 | -1 | 8 | -1 | 11 | -1 |
| 1337757 | 1.3 | -1 | 1.7 | 67.3 | 1.2 | 129 | 11 | 304 | 24 | -1 | -22.6 | -1 | 7 | -1 | 10 | -1 |
| 1337758 | 1.2 | -1 | 1.6 | 67.1 | 1.1 | 95 | 8 | 141 | 11 | -1 | 16 | -1 | 7 | -1 | 10 | -1 |
| 1337759 | 1.3 | -1 | 1.7 | 70.3 | 1.2 | 91 | 7 | 320 | 23 | -1 | 20 | -1 | 6 | -1 | 8 | -1 |
| 1337760 | 1.2 | -1 | 1.6 | 60.4 | 1.1 | 69 | 5 | 197 | 13 | -1 | -15.8 | -1 | 6 | -1 | 7 | -1 |
| 1337761 | 1.1 | -1 | 1.7 | 49.1 | 1 | 89 | 7 | 345 | 26 | -1 | 22 | -1 | 7 | -1 | 10 | -1 |
| 1337762 | 1.4 | -1 | 1.7 | 73.2 | 1.2 | 69 | 7 | 233 | 22 | -1 | -24 | -1 | 9 | -1 | 12 | -1 |
| 1337763 | 1.3 | -1 | 1.8 | 81.8 | 1.3 | 68 | 6 | 211 | 17 | -1 | 19 | -1 | 7 | -1 | 10 | -1 |
| 1337764 | 1.1 | -1 | 1.6 | 53.6 | 1 | 70 | 7 | 272 | 25 | -1 | 24 | -1 | 9 | -1 | 12 | -1 |
| 1337765 | 1.2 | -1 | 1.7 | 46.2 | 1 | 71 | 6 | 274 | 21 | -1 | -20.2 | -1 | 7 | -1 | 9 | -1 |
| 1337766 | 3 | -1 | 1.7 | 21.1 | 0.8 | 39 | 3 | 348 | 25 | 25 | 7 | -1 | 6 | -1 | 9 | -1 |
| 1337767 | 1 | -1 | 1.5 | 40.1 | 0.9 | 56 | 5 | 212 | 19 | -1 | -21.5 | -1 | 8 | -1 | 11 | -1 |
| 1337768 | 1.4 | -1 | 1.7 | 67.7 | 1.2 | 73 | 6 | 231 | 18 | -1 | -20 | -1 | 7 | -1 | 10 | -1 |
| 1337769 | 1.3 | -1 | 1.7 | 72.9 | 1.3 | 59 | 7 | 237 | 24 | -1 | 25 | -1 | 9 | -1 | 12 | -1 |
| 1337770 | 1.1 | -1 | 1.6 | 32 | 0.8 | 78 | 7 | 292 | 23 | -1 | 22 | -1 | 7 | -1 | 10 | -1 |
| 1337771 | 1.4 | -1 | 1.6 | 43.8 | 1 | 60 | 5 | 201 | 15 | -1 | -17.8 | -1 | 6 | -1 | 9 | -1 |
| 1337772 | 1.2 | -1 | 1.6 | 33.3 | 0.9 | 74 | 5 | 272 | 18 | -1 | 18 | -1 | 6 | -1 | 8 | -1 |
| 1337773 | 1.5 | -1 | 1.8 | 82.4 | 1.3 | 71 | 6 | 324 | 24 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1337774 | 1.2 | -1 | 1.7 | 37 | 0.9 | 81 | 7 | 443 | 36 | -1 | 26 | -1 | 8 | -1 | 10 | -1 |
| 1337775 | 1.1 | -1 | 1.5 | 35.2 | 0.9 | 70 | 6 | 228 | 18 | -1 | -20.2 | -1 | 7 | -1 | 9 | -1 |
| 1337776 | 1.2 | -1 | 1.5 | 41.5 | 0.9 | 59 | 6 | 284 | 24 | -1 | 23 | -1 | 8 | -1 | 11 | -1 |
| 1337777 | 1.1 | -1 | 1.6 | 53.9 | 1 | 50 | 5 | 151 | 14 | -1 | 19 | -1 | 8 | -1 | 12 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337683 | 16 | -1 | 21 | 186 | 13 | -1 | 14 | -1 | 3.8 | 18.2 | 1.5 | Soil | PASS | 91.04 |
| 1337684 | 11 | -1 | 15 | 188 | 10 | -1 | 15 | -1 | 3.7 | 13.3 | 1.4 | Soil | PASS | 88.07 |
| 1337685 | 15 | -1 | 19 | 202 | 11 | -1 | 15 | -1 | 3.9 | 21.4 | 1.6 | Soil | PASS | 88.26 |
| 1337686 | 12 | -1 | 16 | 145 | 10 | -1 | 15 | -1 | 3.8 | 24.3 | 1.6 | Soil | PASS | 88.23 |
| 1337687 | 13 | -1 | 17 | 228 | 13 | -1 | 15 | -1 | 3.8 | 17.8 | 1.5 | Soil | PASS | 88.34 |
| 1337688 | 13 | -1 | 17 | 197 | 12 | -1 | 16 | -1 | 3.8 | 23.1 | 1.6 | Soil | PASS | 88.42 |
| 1337689 | 13 | -1 | 17 | 308 | 14 | -1 | 15 | -1 | 3.8 | 18.4 | 1.5 | Soil | PASS | 88.18 |
| 1337690 | 12 | -1 | 17 | 309 | 13 | -1 | 14 | -1 | 3.9 | 9.9 | 1.4 | Soil | PASS | 87.97 |
| 1337691 | 13 | -1 | 17 | 241 | 13 | -1 | 16 | -1 | 4 | 23.9 | 1.6 | Soil | PASS | 88.3 |
| 1337692 | 13 | -1 | 17 | 307 | 12 | -1 | 15 | 5.4 | 1.4 | 21.8 | 1.6 | Soil | PASS | 88.11 |
| 1337693 | 14 | -1 | 18 | 282 | 12 | -1 | 15 | -1 | 3.8 | 17.9 | 1.5 | Soil | PASS | 88.06 |
| 1337694 | 19 | -1 | 25 | 355 | 17 | -1 | 15 | -1 | 3.9 | 12.3 | 1.5 | Soil | PASS | 91.23 |
| 1337695 | 13 | -1 | 18 | 184 | 11 | -1 | 13 | -1 | 3.7 | 18.6 | 1.5 | Soil | PASS | 88.17 |
| 1337696 | 16 | -1 | 21 | 224 | 11 | -1 | 13 | -1 | 3.8 | 17.4 | 1.5 | Soil | PASS | 88.33 |
| 1337697 | 13 | -1 | 18 | 223 | 11 | -1 | 13 | -1 | 3.3 | 19.5 | 1.4 | Soil | PASS | 90.53 |
| 1337752 | 12 | -1 | 16 | 549 | 16 | -1 | 14 | -1 | 4 | 11.3 | 1.4 | Soil | PASS | 88.14 |
| 1337753 | 13 | -1 | 17 | 209 | 10 | -1 | 13 | -1 | 3.4 | 12 | 1.4 | Soil | PASS | 88.19 |
| 1337754 | 12 | -1 | 16 | 283 | 13 | -1 | 15 | -1 | 3.9 | 17.7 | 1.6 | Soil | PASS | 88.21 |
| 1337755 | 14 | -1 | 18 | 289 | 12 | -1 | 13 | -1 | 3.7 | 10.8 | 1.4 | Soil | PASS | 88.36 |
| 1337756 | 16 | -1 | 21 | 858 | 28 | -1 | 12 | -1 | 3.4 | 11 | 1.3 | Soil | PASS | 90.68 |
| 1337757 | 14 | -1 | 18 | 727 | 20 | -1 | 15 | -1 | 3.7 | 28.4 | 1.7 | Soil | PASS | 88.11 |
| 1337758 | 13 | -1 | 18 | 846 | 23 | -1 | 14 | -1 | 3.5 | 23.4 | 1.5 | Soil | PASS | 88.2 |
| 1337759 | 11 | -1 | 15 | 185 | 9 | -1 | 15 | -1 | 3.7 | 23.2 | 1.6 | Soil | PASS | 88.19 |
| 1337760 | 11 | -1 | 14 | 977 | 25 | -1 | 14 | -1 | 3.5 | 23.1 | 1.5 | Soil | PASS | 87.95 |
| 1337761 | 13 | -1 | 17 | 178 | 9 | -1 | 14 | -1 | 3.6 | 14.3 | 1.4 | Soil | PASS | 88.21 |
| 1337762 | 17 | -1 | 23 | 251 | 14 | -1 | 14 | -1 | 3.8 | 24.2 | 1.6 | Soil | PASS | 90.85 |
| 1337763 | 14 | -1 | 17 | 263 | 12 | -1 | 14 | -1 | 3.7 | 21.9 | 1.6 | Soil | PASS | 88.23 |
| 1337764 | 16 | -1 | 21 | 221 | 13 | -1 | 13 | -1 | 3.4 | 16.5 | 1.4 | Soil | PASS | 90.71 |
| 1337765 | 13 | -1 | 17 | 244 | 11 | -1 | 14 | -1 | 3.7 | 19.6 | 1.5 | Soil | PASS | 88.09 |
| 1337766 | 12 | -1 | 16 | 48 | 6 | -1 | 14 | -1 | 3.7 | 12.5 | 1.4 | Soil | PASS | 88.16 |
| 1337767 | 15 | -1 | 20 | 540 | 19 | -1 | 12 | -1 | 3.3 | 17.9 | 1.4 | Soil | PASS | 90.63 |
| 1337768 | 14 | -1 | 18 | 271 | 13 | -1 | 15 | -1 | 3.7 | 16.3 | 1.5 | Soil | PASS | 88.08 |
| 1337769 | 18 | -1 | 23 | 421 | 21 | -1 | 15 | -1 | 3.7 | 19.8 | 1.6 | Soil | PASS | 91.13 |
| 1337770 | 13 | -1 | 18 | 318 | 15 | -1 | 13 | -1 | 3.6 | 17.4 | 1.4 | Soil | PASS | 90.44 |
| 1337771 | 12 | -1 | 16 | 310 | 13 | -1 | 15 | -1 | 3.6 | 18.2 | 1.5 | Soil | PASS | 88.19 |
| 1337772 | 11 | -1 | 14 | 250 | 11 | -1 | 14 | -1 | 3.8 | 17.6 | 1.5 | Soil | PASS | 88 |
| 1337773 | 13 | -1 | 17 | 189 | 11 | -1 | 16 | -1 | 3.9 | 26.3 | 1.7 | Soil | PASS | 88.01 |
| 1337774 | 15 | -1 | 20 | 151 | 9 | -1 | 14 | -1 | 3.7 | 15.9 | 1.5 | Soil | PASS | 88.24 |
| 1337775 | 13 | -1 | 17 | 314 | 14 | -1 | 13 | -1 | 3.4 | 15.6 | 1.4 | Soil | PASS | 90.47 |
| 1337776 | 15 | -1 | 20 | 125 | 10 | -1 | 13 | -1 | 3.4 | 26.2 | 1.5 | Soil | PASS | 90.23 |
| 1337777 | 16 | -1 | 21 | 239 | 14 | -1 | 13 | -1 | 3.4 | 16.2 | 1.4 | Soil | PASS | 90.78 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337778 | HES | 8 | 568218 | 7025484 | Chocolate Brown | Sand | Dry | Subtle Slope | 50 | C | Pine |
| 1337779 | HES | 8 | 568237 | 7025475 | Chocolate Brown | Clay | Damp | Flat | 20 | B | Pine |
| 1337780 | HES | 8 | 568249 | 7025459 | Chocolate Brown | Clay | Dry | Flat | 30 | C | Pine |
| 1337781 | HES | 8 | 568258 | 7025441 | Chocolate Brown | Clay | Damp | Flat | 20 | B | Pine |
| 1337782 | HES | 8 | 568273 | 7025428 | Chocolate Brown | Clay | Damp | Flat | 40 | C | Pine |
| 1337783 | HES | 8 | 568289 | 7025415 | Chocolate Brown | Sand | Dry | Flat | 60 | C | Pine |
| 1337784 | HES | 8 | 568306 | 7025403 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Pine |
| 1337785 | HES | 8 | 568320 | 7025389 | Chocolate Brown | Clay | Dry | Subtle Slope | 40 | C | Pine |
| 1337786 | HES | 8 | 568338 | 7025377 | Chocolate Brown | Clay | Damp | Subtle Slope | 30 | B | Pine |
| 1337787 | HES | 8 | 568351 | 7025362 | Chocolate Brown | Clay | Damp | Subtle Slope | 20 | B | Birch Forest |
| 1337788 | HES | 8 | 568365 | 7025347 | Chocolate Brown | Clay | Dry | Subtle Slope | 20 | B | Subalpine Fir |
| 1337789 | HES | 8 | 568380 | 7025334 | Chocolate Brown | Clay | Damp | Flat | 20 | B | Birch Forest |
| 1337790 | HES | 8 | 568393 | 7025319 | Chocolate Brown | Clay | Dry | Flat | 50 | C | Birch Forest |
| 1337791 | HES | 8 | 568409 | 7025307 | Chocolate Brown | Clay | Dry | Flat | 50 | C | Birch Forest |
| 1337792 | HES | 8 | 568031 | 7026158 | Chocolate Brown | Clay | Dry | Flat | 30 | B | Birch Forest |
| 1337793 | HES | 8 | 568011 | 7026162 | Chocolate Brown | Clay | Dry | Flat | 30 | B | Poplar |
| 1337794 | HES | 8 | 567990 | 7026159 | Chocolate Brown | Silt | Dry | Flat | 20 | B | Poplar |
| 1337795 | HES | 8 | 567971 | 7026166 | Chocolate Brown | Sand | Dry | Subtle Slope | 30 | C | Poplar |
| 1337796 | HES | 8 | 567952 | 7026174 | Chocolate Brown | Clay | Dry | Flat | 30 | B | Poplar |
| 1337797 | HES | 8 | 567934 | 7026184 | Chocolate Brown | Clay | Dry | Flat | 20 | B | Poplar |
| 1337798 | HES | 8 | 567916 | 7026192 | Chocolate Brown | Sand | Dry | Flat | 30 | C | Subalpine Fir |
| 1337799 | HES | 8 | 567896 | 7026200 | Chocolate Brown | Clay | Dry | Flat | 60 | B | Willows |
| 1337800 | HES | 8 | 567884 | 7026216 | Chocolate Brown | Sand | Dry | Subtle Slope | 30 | B | Subalpine Fir |
| 1337802 | HES | 8 | 567865 | 7026226 | Chocolate Brown | Clay | Dry | Subtle Slope | 30 | B | Subalpine Fir |
| 1337803 | HES | 8 | 567855 | 7026243 | Chocolate Brown | Sand | Dry | Subtle Slope | 30 | C | Subalpine Fir |
| 1337804 | HES | 8 | 567841 | 7026260 | Chocolate Brown | Sand | Damp | Subtle Slope | 30 | C | Black Spruce |
| 1337805 | HES | 8 | 567829 | 7026275 | Chocolate Brown | Clay | Dry | Subtle Slope | 60 | C | Old Burn |
| 1337806 | HES | 8 | 567815 | 7026289 | Chocolate Brown | Clay | Damp | Subtle Slope | 50 | B | Old Burn |
| 1337807 | HES | 8 | 567805 | 7026307 | Chocolate Brown | Sand | Dry | Subtle Slope | 30 | C | Black Spruce |
| 1337808 | HES | 8 | 567786 | 7026316 | Chocolate Brown | Clay | Dry | Subtle Slope | 20 | B | Poplar |
| 1337809 | HES | 8 | 567767 | 7026322 | Chocolate Brown | Sand | Dry | Subtle Slope | 30 | C | Black Spruce |
| 1337810 | HES | 8 | 567750 | 7026334 | Chocolate Brown | Sand | Dry | Flat | 20 | C | Black Spruce |
| 1337811 | HES | 8 | 567802 | 7026121 | Chocolate Brown | Silt | Dry | Flat | 20 | B | Poplar |
| 1337812 | HES | 8 | 567788 | 7026135 | Chocolate Brown | Sand | Dry | Flat | 30 | C | Poplar |
| 1337813 | HES | 8 | 567773 | 7026150 | Chocolate Brown | Sand | Dry | Subtle Slope | 20 | C | Poplar |
| 1337814 | HES | 8 | 567763 | 7026169 | Chocolate Brown | Clay | Dry | Subtle Slope | 60 | C | Black Spruce |
| 1337815 | HES | 8 | 567757 | 7026188 | Chocolate Brown | Clay | Dry | Flat | 70 | B | Black Spruce |
| 1337816 | HES | 8 | 567747 | 7026207 | Chocolate Brown | Silt | Dry | Flat | 20 | B | Birch Forest |
| 1337817 | HES | 8 | 567729 | 7026218 | Chocolate Brown | Sand | Dry | Subtle Slope | 30 | C | Poplar |
| 1337818 | HES | 8 | 567711 | 7026230 | Chocolate Brown | Sand | Dry | Subtle Slope | 30 | C | Subalpine Fir |
| 1337819 | HES | 8 | 567697 | 7026245 | Chocolate Brown | Sand | Dry | Subtle Slope | 30 | C | Birch Forest |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1337778 | Grass Cover | Excellent | Rocky | | |
| 1337779 | Grass Cover | Good | Rocky | | |
| 1337780 | Grass Cover | Good | Rocky | | |
| 1337781 | Grass Cover | Good | Rocky | | |
| 1337782 | Grass Cover | Good | Rocky | | |
| 1337783 | Reindeer Moss | Good | Rocky | | |
| 1337784 | Reindeer Moss | Good | Rocky | | |
| 1337785 | Grass Cover | Good | Rocky | Sandy | |
| 1337786 | Reindeer Moss | Good | Rocky Terrain | | |
| 1337787 | Thin Moss Cover | Good | Rocky | | |
| 1337788 | Thin Moss Cover | Good | Rocky Terrain | | |
| 1337789 | Grass Cover | Good | Organic 10% | Rocky Terrain | |
| 1337790 | Reindeer Moss | Good | Rocky Terrain | Sandy | |
| 1337791 | Reindeer Moss | Good | Rocky | | |
| 1337792 | Grass Cover | Good | Rocky Terrain | | |
| 1337793 | Bare Soil | Good | Rocky | | |
| 1337794 | Leaf Cover | Good | Rocky Terrain | | |
| 1337795 | Leaf Cover | Excellent | Rocky Terrain | Rocky Sample | |
| 1337796 | Bare Soil | Good | Rocky | | |
| 1337797 | Grass Cover | Good | Rocky Terrain | | |
| 1337798 | Grass Cover | Good | Rocky Terrain | Rocky Sample | |
| 1337799 | Thin Moss Cover | Good | Rocky | | |
| 1337800 | Grass Cover | Good | Rocky Sample | Rocky Terrain | |
| 1337802 | Grass Cover | Good | Rocky | | |
| 1337803 | Grass Cover | Good | Rocky Sample | | |
| 1337804 | Grass Cover | Good | Rocky | | |
| 1337805 | Grass Cover | Good | Rocky | Sandy | |
| 1337806 | Grass Cover | Poor | Organic 25% | Rocky | |
| 1337807 | Grass Cover | Excellent | Rocky | | |
| 1337808 | Grass Cover | Good | Rocky | | |
| 1337809 | Grass Cover | Excellent | Rocky | | |
| 1337810 | Grass Cover | Good | Rocky | | |
| 1337811 | Grass Cover | Good | Rocky | | |
| 1337812 | Grass Cover | Good | Rocky | | |
| 1337813 | Grass Cover | Good | Rocky | | |
| 1337814 | Grass Cover | Good | Rocky | | |
| 1337815 | Grass Cover | Good | Rocky | | |
| 1337816 | Grass Cover | Good | Rocky | | |
| 1337817 | Leaf Cover | Good | Rocky Terrain | | |
| 1337818 | Grass Cover | Good | Rocky | | |
| 1337819 | Leaf Cover | Good | Rocky | | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337778 | | 1337778 | -1 | 3748 | 2346 | 256 | 588 | 76 | 3618 | 74 | 3371 | 55 | 1026 | 33 |
| 1337779 | | 1337779 | -1 | 3398 | 1341 | 202 | 727 | 74 | 2118 | 53 | 4301 | 56 | 5239 | 55 |
| 1337780 | | 1337780 | -1 | 3148 | 1300 | 205 | 716 | 71 | 1713 | 52 | 1793 | 41 | 385 | 28 |
| 1337781 | | 1337781 | -1 | 2994 | 1438 | 186 | 544 | 59 | 1202 | 42 | 2270 | 41 | 521 | 21 |
| 1337782 | | 1337782 | -1 | 3724 | 1753 | 245 | 479 | 76 | 2498 | 68 | 2105 | 48 | 627 | 28 |
| 1337783 | | 1337783 | -1 | 3268 | 1612 | 222 | 718 | 74 | 1731 | 54 | 734 | 32 | 504 | 27 |
| 1337784 | | 1337784 | -1 | 2940 | 1729 | 204 | 455 | 61 | 2649 | 58 | 635 | 29 | 496 | 23 |
| 1337785 | | 1337785 | -1 | 3231 | 1452 | 209 | 387 | 64 | 1589 | 50 | 2289 | 44 | 659 | 26 |
| 1337786 | | 1337786 | -1 | 3423 | 1562 | 211 | 575 | 76 | 1760 | 50 | 4063 | 55 | 7614 | 68 |
| 1337787 | | 1337787 | -1 | 3080 | 1168 | 199 | 533 | 67 | 1148 | 47 | 708 | 31 | 451 | 24 |
| 1337788 | | 1337788 | -1 | 3120 | 927 | 180 | 526 | 63 | 4025 | 71 | 811 | 32 | 844 | 25 |
| 1337789 | | 1337789 | -1 | 2479 | 1467 | 161 | 390 | 52 | 678 | 29 | 2447 | 38 | 3821 | 41 |
| 1337790 | | 1337790 | -1 | 3052 | 1546 | 202 | 629 | 68 | 1746 | 49 | 2619 | 45 | 2929 | 42 |
| 1337791 | | 1337791 | -1 | 3000 | 1362 | 193 | 614 | 64 | 1666 | 48 | 905 | 31 | 609 | 25 |
| 1337792 | | 1337792 | -1 | 3233 | 1341 | 206 | 788 | 73 | 1628 | 53 | 2485 | 46 | 741 | 25 |
| 1337793 | | 1337793 | -1 | 2331 | 930 | 151 | 430 | 55 | 1083 | 36 | 582 | 25 | 3332 | 39 |
| 1337794 | | 1337794 | -1 | 2806 | 1307 | 179 | 500 | 60 | 1488 | 43 | 2323 | 40 | 2611 | 37 |
| 1337795 | | 1337795 | -1 | 4105 | 1519 | 272 | 759 | 94 | 3010 | 81 | 3744 | 65 | 940 | 36 |
| 1337796 | | 1337796 | -1 | 2214 | 1037 | 154 | 288 | 47 | 1095 | 36 | 506 | 24 | 298 | 18 |
| 1337797 | | 1337797 | -1 | 3082 | 1102 | 195 | 511 | 65 | 1536 | 50 | 1140 | 35 | 371 | 21 |
| 1337798 | | 1337798 | -1 | 3396 | 1778 | 219 | 686 | 70 | 1737 | 52 | 3815 | 55 | 591 | 25 |
| 1337799 | | 1337799 | -1 | 2818 | 1120 | 168 | 323 | 51 | 1003 | 38 | 1729 | 36 | 187 | 16 |
| 1337800 | | 1337800 | -1 | 2927 | 1720 | 194 | 817 | 64 | 1364 | 43 | 2899 | 45 | 529 | 21 |
| 1337802 | | 1337802 | -1 | 3847 | 2224 | 267 | 778 | 89 | 5217 | 90 | 3057 | 55 | 4023 | 59 |
| 1337803 | | 1337803 | -1 | 3183 | 2301 | 223 | 723 | 68 | 2455 | 58 | 4596 | 58 | 984 | 28 |
| 1337804 | | 1337804 | -1 | 3700 | 1505 | 213 | 329 | 84 | 1281 | 45 | 6411 | 68 | 17102 | 114 |
| 1337805 | | 1337805 | -1 | 3040 | 1536 | 198 | 711 | 65 | 1646 | 49 | 2302 | 43 | 322 | 21 |
| 1337806 | | 1337806 | -1 | 3244 | 1203 | 198 | 445 | 81 | 1386 | 46 | 4748 | 58 | 14569 | 101 |
| 1337807 | | 1337807 | -1 | 3603 | 1729 | 220 | 512 | 88 | 1409 | 46 | 6711 | 69 | 19454 | 123 |
| 1337808 | | 1337808 | -1 | 2826 | 1066 | 178 | 466 | 59 | 2334 | 54 | 596 | 28 | 591 | 24 |
| 1337809 | | 1337809 | -1 | 3602 | 1847 | 231 | 732 | 74 | 2736 | 64 | 3613 | 55 | 865 | 29 |
| 1337810 | | 1337810 | -1 | 3181 | 1618 | 211 | 778 | 70 | 2317 | 57 | 1924 | 41 | 528 | 24 |
| 1337811 | | 1337811 | -1 | 3379 | 1618 | 207 | 499 | 82 | 1078 | 41 | 5916 | 63 | 16694 | 109 |
| 1337812 | | 1337812 | -1 | 3128 | 1128 | 193 | -1 | 228 | 1090 | 42 | 4344 | 55 | 14346 | 99 |
| 1337813 | | 1337813 | -1 | 3295 | 1209 | 201 | 835 | 73 | 2469 | 61 | 3016 | 50 | 518 | 23 |
| 1337814 | | 1337814 | -1 | 2775 | 1402 | 185 | 428 | 59 | 1730 | 47 | 2122 | 40 | 1906 | 33 |
| 1337815 | | 1337815 | -1 | 4890 | 1527 | 307 | 905 | 111 | 4337 | 106 | 3098 | 67 | 968 | 40 |
| 1337816 | | 1337816 | -1 | 3070 | 1433 | 203 | 562 | 66 | 1940 | 54 | 894 | 32 | 782 | 26 |
| 1337817 | | 1337817 | -1 | 2872 | 966 | 173 | 347 | 55 | 2004 | 51 | 1319 | 34 | 387 | 20 |
| 1337818 | | 1337818 | -1 | 4110 | 1773 | 251 | 747 | 82 | 4673 | 85 | 4321 | 63 | 1035 | 34 |
| 1337819 | | 1337819 | -1 | 2978 | 1065 | 185 | 418 | 60 | 2417 | 55 | 1894 | 39 | 607 | 24 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337778 | 27 | 3 | 325 | 5 | 20828 | 119 | 381 | 26 | -1 | 16 | 30 | 3 | 43 | 2 | 27.6 |
| 1337779 | -1 | 8 | 213 | 4 | 11124 | 71 | 233 | 19 | -1 | 14 | 7 | 2 | 59 | 2 | 9.3 |
| 1337780 | 30 | 3 | 240 | 4 | 13225 | 82 | 400 | 21 | -1 | 14 | 21 | 2 | 45 | 2 | 8.7 |
| 1337781 | 14 | 2 | 185 | 4 | 9322 | 62 | 244 | 17 | -1 | 13 | 15 | 2 | 29.7 | 2 | 7.6 |
| 1337782 | 22 | 3 | 227 | 5 | 13625 | 79 | 282 | 20 | -1 | 13 | 17 | 2 | 26.6 | 2 | 19.4 |
| 1337783 | 28 | 3 | 334 | 5 | 15871 | 96 | 397 | 23 | -1 | 15 | 41 | 3 | 45 | 2 | 21.5 |
| 1337784 | 20 | 3 | 184 | 4 | 14753 | 91 | 445 | 23 | -1 | 15 | 32 | 3 | 61 | 2 | 17.6 |
| 1337785 | 24 | 3 | 206 | 4 | 16760 | 100 | 452 | 24 | -1 | 15 | 26 | 3 | 87 | 3 | 19.1 |
| 1337786 | -1 | 8 | 211 | 4 | 12446 | 78 | 271 | 20 | -1 | 14 | 20 | 2 | 44 | 2 | 12.3 |
| 1337787 | 20 | 3 | 200 | 4 | 10047 | 66 | 289 | 18 | -1 | 13 | 13 | 2 | 35 | 2 | 7.4 |
| 1337788 | 22 | 3 | 176 | 4 | 11238 | 72 | 330 | 19 | -1 | 13 | 26 | 2 | 46 | 2 | 11 |
| 1337789 | -1 | 5 | 160 | 3 | 5551 | 43 | 287 | 14 | -1 | 12 | 11 | 2 | 37 | 2 | 9.2 |
| 1337790 | -1 | 8 | 213 | 4 | 13521 | 83 | 378 | 21 | -1 | 14 | 28 | 2 | 52 | 2 | 17.1 |
| 1337791 | 24 | 3 | 216 | 4 | 15359 | 93 | 421 | 23 | -1 | 15 | 27 | 3 | 43 | 2 | 15.7 |
| 1337792 | 20 | 3 | 192 | 4 | 8076 | 56 | 197 | 16 | -1 | 12 | -1 | 6 | 50 | 2 | 12.5 |
| 1337793 | -1 | 6 | 110 | 3 | 5317 | 41 | 151 | 13 | -1 | 12 | 8 | 2 | 38.1 | 2 | 4 |
| 1337794 | -1 | 7 | 199 | 4 | 10537 | 69 | 251 | 18 | -1 | 13 | 7 | 2 | 50 | 2 | 7.8 |
| 1337795 | 30 | 4 | 244 | 5 | 22163 | 125 | 565 | 27 | -1 | 15 | 10 | 2 | 47 | 2 | -1 |
| 1337796 | 12 | 2 | 141 | 3 | 7941 | 56 | 252 | 16 | -1 | 13 | 17 | 2 | 53 | 2 | 4 |
| 1337797 | 10 | 2 | 180 | 4 | 13533 | 77 | 409 | 20 | -1 | 13 | 11 | 2 | 38.3 | 2 | -1 |
| 1337798 | 23 | 3 | 265 | 5 | 12374 | 78 | 299 | 20 | -1 | 14 | 22 | 2 | 43 | 2 | 9.9 |
| 1337799 | 10 | 2 | 211 | 4 | 9529 | 64 | 363 | 18 | -1 | 13 | 23 | 2 | 45 | 2 | 5.3 |
| 1337800 | 18 | 2 | 292 | 4 | 9655 | 64 | 223 | 17 | -1 | 13 | 11 | 2 | 79 | 2 | 5.1 |
| 1337802 | 50 | 4 | 262 | 5 | 18696 | 111 | 306 | 25 | -1 | 16 | 18 | 2 | 68 | 2 | 11.3 |
| 1337803 | 26 | 3 | 239 | 4 | 10179 | 67 | 180 | 18 | -1 | 14 | 10 | 2 | 59 | 2 | -1 |
| 1337804 | -1 | 7 | 295 | 4 | 8017 | 55 | 278 | 16 | -1 | 13 | 20 | 2 | 51 | 2 | 8.5 |
| 1337805 | 17 | 2 | 237 | 4 | 10593 | 69 | 309 | 19 | -1 | 14 | 20 | 2 | 53 | 2 | 7.8 |
| 1337806 | -1 | 7 | 256 | 4 | 6315 | 46 | 262 | 15 | -1 | 12 | 9 | 2 | 47.6 | 2 | 6.6 |
| 1337807 | -1 | 7 | 188 | 4 | 8053 | 56 | 352 | 17 | -1 | 13 | 14 | 2 | 65 | 2 | 4.1 |
| 1337808 | 15 | 2 | 165 | 4 | 11743 | 74 | 337 | 20 | -1 | 14 | 8 | 2 | 51 | 2 | 8.3 |
| 1337809 | 23 | 3 | 287 | 5 | 18548 | 109 | 459 | 25 | -1 | 15 | 16 | 2 | 47 | 2 | 13.6 |
| 1337810 | 14 | 3 | 200 | 4 | 18377 | 108 | 403 | 24 | -1 | 15 | 27 | 3 | 83 | 3 | 29.5 |
| 1337811 | -1 | 7 | 177 | 3 | 7656 | 54 | 339 | 16 | -1 | 13 | 14 | 2 | 47 | 2 | 6.6 |
| 1337812 | -1 | 6 | 146 | 3 | 6727 | 49 | 309 | 15 | -1 | 12 | 15 | 2 | 41.8 | 2 | 9.8 |
| 1337813 | 15 | 2 | 223 | 4 | 10012 | 61 | 224 | 16 | -1 | 12 | 9 | 2 | 32.5 | 2 | 19.6 |
| 1337814 | -1 | 7 | 187 | 4 | 10104 | 66 | 313 | 18 | -1 | 14 | 14 | 2 | 45 | 2 | 9.3 |
| 1337815 | 27 | 4 | 367 | 7 | 16735 | 103 | 303 | 24 | -1 | 15 | 16 | 2 | 42 | 2 | 12.4 |
| 1337816 | 18 | 3 | 188 | 4 | 11518 | 73 | 250 | 19 | -1 | 14 | 9 | 2 | 36.8 | 2 | 9.6 |
| 1337817 | 13 | 2 | 204 | 4 | 10855 | 70 | 297 | 19 | -1 | 14 | 12 | 2 | 43.3 | 2 | 11.1 |
| 1337818 | 35 | 4 | 324 | 6 | 21710 | 126 | 358 | 27 | -1 | 16 | 21 | 3 | 57 | 2 | 13.3 |
| 1337819 | 17 | 3 | 192 | 4 | 17804 | 106 | 439 | 24 | -1 | 16 | 31 | 3 | 47 | 2 | 27.5 |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337778 | 1.5 | -1 | 1.8 | 82 | 1.3 | 66 | 6 | 179 | 14 | -1 | -17.8 | -1 | 7 | -1 | 9 | -1 |
| 1337779 | 1.2 | -1 | 1.7 | 49 | 1 | 68 | 5 | 227 | 17 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |
| 1337780 | 1.2 | -1 | 1.7 | 61 | 1.1 | 119 | 10 | 296 | 24 | -1 | -22.7 | -1 | 7 | -1 | 10 | -1 |
| 1337781 | 1.1 | -1 | 1.7 | 47.5 | 1 | 79 | 6 | 344 | 25 | -1 | 21 | -1 | 7 | -1 | 9 | -1 |
| 1337782 | 1.3 | -1 | 1.6 | 73.9 | 1.2 | 63 | 6 | 218 | 19 | -1 | 21 | -1 | 8 | -1 | 11 | -1 |
| 1337783 | 1.4 | -1 | 1.7 | 69.5 | 1.2 | 66 | 6 | 377 | 30 | -1 | 24 | -1 | 7 | -1 | 10 | -1 |
| 1337784 | 1.4 | -1 | 1.8 | 92.8 | 1.4 | 69 | 5 | 321 | 22 | 25 | 6 | -1 | 6 | -1 | 8 | -1 |
| 1337785 | 1.4 | -1 | 1.9 | 98.8 | 1.4 | 80 | 6 | 260 | 20 | -1 | 20 | -1 | 7 | -1 | 9 | -1 |
| 1337786 | 1.3 | -1 | 1.7 | 65.7 | 1.2 | 55 | 4 | 340 | 24 | -1 | 20 | -1 | 6 | -1 | 8 | -1 |
| 1337787 | 1.2 | -1 | 1.7 | 52 | 1 | 74 | 6 | 340 | 27 | 33 | 8 | -1 | 7 | -1 | 10 | -1 |
| 1337788 | 1.2 | -1 | 1.7 | 53.6 | 1.1 | 72 | 6 | 359 | 26 | -1 | 22 | -1 | 6 | -1 | 9 | 14 |
| 1337789 | 1.1 | -1 | 1.6 | 47.1 | 1 | 60 | 5 | 408 | 30 | 31 | 8 | -1 | 7 | -1 | 9 | -1 |
| 1337790 | 1.4 | -1 | 1.7 | 88.9 | 1.3 | 74 | 6 | 256 | 19 | -1 | 19 | -1 | 6 | -1 | 9 | -1 |
| 1337791 | 1.3 | -1 | 1.7 | 97.9 | 1.4 | 71 | 5 | 309 | 22 | -1 | 19 | -1 | 6 | -1 | 8 | -1 |
| 1337792 | 1.1 | -1 | 1.6 | 57.6 | 1.1 | 39 | 4 | 185 | 15 | -1 | -19 | -1 | 7 | -1 | 10 | -1 |
| 1337793 | 1 | -1 | 1.5 | 35.1 | 0.9 | 48 | 4 | 243 | 18 | -1 | 19 | -1 | 7 | -1 | 9 | -1 |
| 1337794 | 1.1 | -1 | 1.7 | 49.7 | 1 | 63 | 5 | 262 | 18 | -1 | 18 | -1 | 6 | -1 | 8 | -1 |
| 1337795 | 4.7 | -1 | 1.8 | 189.6 | 2 | 109 | 10 | 205 | 19 | -1 | 22 | -1 | 8 | -1 | 11 | -1 |
| 1337796 | 1.1 | -1 | 1.7 | 49.9 | 1 | 79 | 6 | 347 | 23 | 20 | 7 | -1 | 6 | -1 | 8 | -1 |
| 1337797 | 3.2 | -1 | 1.6 | 76.6 | 1.1 | 67 | 6 | 243 | 21 | -1 | 21 | -1 | 8 | -1 | 11 | -1 |
| 1337798 | 1.2 | -1 | 1.7 | 71 | 1.2 | 63 | 5 | 260 | 19 | -1 | 19 | -1 | 6 | -1 | 8 | -1 |
| 1337799 | 1.2 | -1 | 1.7 | 70.2 | 1.2 | 86 | 7 | 339 | 26 | -1 | 22 | -1 | 7 | -1 | 9 | -1 |
| 1337800 | 1.1 | -1 | 1.6 | 65.5 | 1.1 | 110 | 10 | 410 | 34 | -1 | 26 | -1 | 8 | -1 | 11 | -1 |
| 1337802 | 1.3 | -1 | 1.8 | 68.8 | 1.2 | 97 | 7 | 283 | 20 | -1 | 19 | -1 | 6 | -1 | 8 | -1 |
| 1337803 | 3.3 | -1 | 1.7 | 79 | 1.2 | 114 | 9 | 304 | 23 | -1 | 21 | -1 | 7 | -1 | 9 | -1 |
| 1337804 | 1.2 | -1 | 1.7 | 50.4 | 1 | 68 | 6 | 224 | 17 | -1 | 19 | -1 | 7 | -1 | 9 | -1 |
| 1337805 | 1.2 | -1 | 1.7 | 56.1 | 1.1 | 92 | 7 | 281 | 21 | -1 | 20 | -1 | 7 | -1 | 9 | -1 |
| 1337806 | 1.1 | -1 | 1.6 | 40.6 | 0.9 | 101 | 9 | 157 | 13 | -1 | -18.5 | -1 | 7 | -1 | 10 | -1 |
| 1337807 | 1.1 | -1 | 1.6 | 70.2 | 1.2 | 74 | 6 | 197 | 15 | -1 | 17 | -1 | 6 | -1 | 9 | -1 |
| 1337808 | 1.1 | -1 | 1.6 | 50.4 | 1 | 77 | 6 | 320 | 23 | -1 | 20 | -1 | 7 | -1 | 9 | -1 |
| 1337809 | 1.3 | -1 | 1.8 | 111.1 | 1.5 | 102 | 9 | 334 | 27 | -1 | 23 | -1 | 7 | -1 | 10 | -1 |
| 1337810 | 1.5 | -1 | 1.8 | 92.3 | 1.4 | 99 | 9 | 426 | 36 | 36 | 9 | -1 | 8 | -1 | 11 | -1 |
| 1337811 | 1.1 | -1 | 1.6 | 61.4 | 1.1 | 70 | 6 | 270 | 20 | -1 | 19 | -1 | 6 | -1 | 9 | -1 |
| 1337812 | 1.2 | -1 | 1.7 | 57.4 | 1.1 | 64 | 5 | 284 | 22 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1337813 | 1.2 | -1 | 1.5 | 48.1 | 0.9 | 86 | 8 | 241 | 21 | -1 | 22 | -1 | 8 | -1 | 11 | -1 |
| 1337814 | 1.2 | -1 | 1.7 | 66.9 | 1.2 | 80 | 6 | 253 | 18 | -1 | 19 | -1 | 6 | -1 | 9 | -1 |
| 1337815 | 1.3 | -1 | 1.8 | 57.4 | 1.2 | 90 | 10 | 220 | 23 | -1 | -26.4 | -1 | 9 | -1 | 13 | -1 |
| 1337816 | 1.2 | -1 | 1.6 | 51.7 | 1 | 69 | 6 | 277 | 21 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1337817 | 1.2 | -1 | 1.7 | 58.4 | 1.1 | 90 | 8 | 301 | 25 | -1 | -23.1 | -1 | 8 | -1 | 11 | -1 |
| 1337818 | 1.4 | -1 | 1.8 | 78.8 | 1.3 | 76 | 6 | 294 | 22 | -1 | -20.9 | -1 | 7 | -1 | 9 | -1 |
| 1337819 | 1.5 | -1 | 1.7 | 79.1 | 1.3 | 62 | 5 | 224 | 15 | -1 | 16 | -1 | 6 | -1 | 7 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337778 | 13 | -1 | 17 | 286 | 13 | -1 | 15 | -1 | 3.9 | 22.8 | 1.6 | Soil | PASS | 88.21 |
| 1337779 | 12 | -1 | 16 | 543 | 17 | -1 | 14 | -1 | 3.7 | 21.5 | 1.5 | Soil | PASS | 88.17 |
| 1337780 | 14 | -1 | 18 | 440 | 13 | -1 | 15 | -1 | 3.8 | 19.3 | 1.5 | Soil | PASS | 88.03 |
| 1337781 | 13 | -1 | 16 | 153 | 9 | -1 | 14 | -1 | 3.5 | 16.2 | 1.4 | Soil | PASS | 88.12 |
| 1337782 | 15 | -1 | 19 | 216 | 12 | -1 | 14 | -1 | 3.6 | 25.4 | 1.5 | Soil | PASS | 90.58 |
| 1337783 | 14 | -1 | 18 | 282 | 12 | -1 | 15 | -1 | 3.8 | 23.3 | 1.6 | Soil | PASS | 88.33 |
| 1337784 | 11 | -1 | 14 | 189 | 10 | -1 | 15 | -1 | 3.9 | 24.5 | 1.6 | Soil | PASS | 88.12 |
| 1337785 | 13 | -1 | 17 | 204 | 11 | -1 | 15 | -1 | 3.8 | 24.1 | 1.6 | Soil | PASS | 88.15 |
| 1337786 | 11 | -1 | 15 | 593 | 19 | -1 | 14 | -1 | 3.8 | 21.3 | 1.6 | Soil | PASS | 88.18 |
| 1337787 | 13 | -1 | 18 | 203 | 10 | -1 | 14 | -1 | 3.8 | 18.4 | 1.5 | Soil | PASS | 88.39 |
| 1337788 | 4 | -1 | 16 | 191 | 10 | -1 | 14 | -1 | 3.7 | 17.5 | 1.5 | Soil | PASS | 88.18 |
| 1337789 | 13 | -1 | 17 | 448 | 13 | -1 | 14 | -1 | 3.3 | 16.9 | 1.4 | Soil | PASS | 88.05 |
| 1337790 | 12 | -1 | 16 | 401 | 14 | -1 | 15 | -1 | 3.5 | 24.4 | 1.6 | Soil | PASS | 88.06 |
| 1337791 | 12 | -1 | 15 | 226 | 10 | -1 | 15 | -1 | 3.8 | 21.7 | 1.6 | Soil | PASS | 87.9 |
| 1337792 | 14 | -1 | 18 | 177 | 10 | -1 | 14 | -1 | 3.6 | 9.9 | 1.3 | Soil | PASS | 88.32 |
| 1337793 | 13 | -1 | 17 | 390 | 13 | -1 | 13 | -1 | 3.4 | 12.6 | 1.3 | Soil | PASS | 88.22 |
| 1337794 | 11 | -1 | 15 | 323 | 12 | -1 | 14 | -1 | 3.8 | 13.5 | 1.4 | Soil | PASS | 87.97 |
| 1337795 | 15 | -1 | 19 | 281 | 15 | -1 | 15 | -1 | 4.1 | 56 | 2 | Soil | PASS | 90.94 |
| 1337796 | 11 | -1 | 15 | 166 | 8 | -1 | 14 | -1 | 3.6 | 16.2 | 1.4 | Soil | PASS | 88.01 |
| 1337797 | 14 | -1 | 19 | 121 | 9 | -1 | 13 | -1 | 3.4 | 18.7 | 1.4 | Soil | PASS | 90.32 |
| 1337798 | 12 | -1 | 15 | 221 | 11 | -1 | 14 | -1 | 3.6 | 18.8 | 1.5 | Soil | PASS | 88.31 |
| 1337799 | 13 | -1 | 17 | 101 | 7 | -1 | 14 | -1 | 3.8 | 20.9 | 1.5 | Soil | PASS | 88.13 |
| 1337800 | 15 | -1 | 20 | 160 | 9 | -1 | 13 | -1 | 3.7 | 13.9 | 1.4 | Soil | PASS | 88.33 |
| 1337802 | 12 | -1 | 15 | 944 | 22 | -1 | 16 | 4.5 | 1.4 | 21.3 | 1.6 | Soil | PASS | 88.15 |
| 1337803 | 13 | -1 | 17 | 285 | 11 | -1 | 14 | 4.7 | 1.4 | 15.1 | 1.5 | Soil | PASS | 88.25 |
| 1337804 | 13 | -1 | 17 | 1000 | 26 | -1 | 14 | -1 | 3.6 | 23.9 | 1.5 | Soil | PASS | 88.34 |
| 1337805 | 12 | -1 | 16 | 201 | 9 | -1 | 14 | -1 | 3.7 | 19.6 | 1.5 | Soil | PASS | 88.2 |
| 1337806 | 14 | -1 | 19 | 783 | 24 | -1 | 13 | -1 | 3.4 | 14.3 | 1.4 | Soil | PASS | 88.31 |
| 1337807 | 12 | -1 | 16 | 906 | 26 | -1 | 14 | -1 | 3.6 | 17.5 | 1.5 | Soil | PASS | 88.19 |
| 1337808 | 12 | -1 | 17 | 269 | 10 | -1 | 14 | -1 | 3.6 | 12.9 | 1.4 | Soil | PASS | 87.89 |
| 1337809 | 14 | -1 | 18 | 235 | 12 | -1 | 15 | -1 | 3.9 | 21.5 | 1.6 | Soil | PASS | 88.25 |
| 1337810 | 15 | -1 | 20 | 156 | 10 | -1 | 16 | -1 | 3.8 | 18.9 | 1.6 | Soil | PASS | 88.19 |
| 1337811 | 12 | -1 | 16 | 937 | 25 | -1 | 13 | -1 | 3.7 | 17.3 | 1.5 | Soil | PASS | 88.25 |
| 1337812 | 13 | -1 | 17 | 829 | 24 | -1 | 14 | -1 | 3.4 | 18 | 1.5 | Soil | PASS | 88.39 |
| 1337813 | 15 | -1 | 20 | 157 | 9 | -1 | 13 | -1 | 3.2 | 13.7 | 1.3 | Soil | PASS | 90.66 |
| 1337814 | 12 | -1 | 16 | 306 | 12 | -1 | 14 | -1 | 3.6 | 17.4 | 1.5 | Soil | PASS | 88.23 |
| 1337815 | 19 | -1 | 24 | 353 | 17 | -1 | 15 | -1 | 3.9 | 20.9 | 1.6 | Soil | PASS | 91.14 |
| 1337816 | 13 | -1 | 17 | 210 | 11 | -1 | 14 | -1 | 3.5 | 15.3 | 1.4 | Soil | PASS | 88.25 |
| 1337817 | 15 | -1 | 19 | 139 | 8 | -1 | 14 | -1 | 3.7 | 17.2 | 1.5 | Soil | PASS | 88.26 |
| 1337818 | 12 | -1 | 16 | 313 | 14 | -1 | 15 | -1 | 3.9 | 21.9 | 1.6 | Soil | PASS | 88.2 |
| 1337819 | 10 | -1 | 13 | 160 | 10 | -1 | 15 | -1 | 3.9 | 21.8 | 1.6 | Soil | PASS | 88.06 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337820 | HES | 8 | 567683 | 7026259 | Light Brown | Sand | Dry | Subtle Slope | 30 | C | Poplar |
| 1337821 | HES | 8 | 567665 | 7026267 | Light Brown | Sand | Dry | Subtle Slope | 30 | C | Birch Forest |
| 1337822 | HES | 8 | 567648 | 7026278 | Chocolate Brown | Sand | Damp | Subtle Slope | 90 | C | Poplar |
| 1337823 | HES | 8 | 567635 | 7026294 | Chocolate Brown | Sand | Dry | Subtle Slope | 50 | C | Poplar |
| 1337824 | HES | 8 | 567621 | 7026311 | Chocolate Brown | Sand | Dry | Subtle Slope | 50 | C | Poplar |
| 1337825 | HES | 8 | 567621 | 7026311 | Chocolate Brown | Sand | Dry | Subtle Slope | 50 | C | Poplar |
| 1337826 | HES | 8 | 567607 | 7026326 | Chocolate Brown | Sand | Dry | Subtle Slope | 40 | C | Black Spruce |
| 1337827 | HES | 8 | 567587 | 7026332 | Chocolate Brown | Sand | Dry | Subtle Slope | 60 | C | Black Spruce |
| 1338002 | HES | 8 | 567864 | 7025891 | Chocolate Brown | Sand | Damp | Pronounced Slope | 60 | C | Black Spruce |
| 1338003 | HES | 8 | 567851 | 7025909 | Chocolate Brown | Sand | Damp | Pronounced Slope | 70 | C | Dwarf Birch |
| 1338004 | HES | 8 | 567854 | 7025926 | Chocolate Brown | Clay | Damp | Subtle Slope | 20 | B | Poplar |
| 1338005 | HES | 8 | 567820 | 7025936 | Light Brown | Sand | Dry | Subtle Slope | 50 | C | Old Burn |
| 1338006 | HES | 8 | 567813 | 7025958 | Light Brown | Sand | Dry | Subtle Slope | 20 | C | Poplar |
| 1338007 | HES | 8 | 567802 | 7025976 | Chocolate Brown | Clay | Damp | Subtle Slope | 20 | B | Poplar |
| 1338008 | HES | 8 | 567788 | 7025993 | Bluish Grey | Silt | Damp | Subtle Slope | 50 | B | Poplar |
| 1338009 | HES | 8 | 567773 | 7026008 | Bluish Grey | Silt | Damp | Flat | 70 | B | Old Burn |
| 1338010 | HES | 8 | 567757 | 7026021 | Grey | Silt | Damp | Subtle Slope | 80 | B | Black Spruce |
| 1338011 | HES | 8 | 567745 | 7026040 | Chocolate Brown | Sand | Damp | Subtle Slope | 80 | C | Black Spruce |
| 1338012 | HES | 8 | 567737 | 7026063 | Chocolate Brown | Clay | Damp | Subtle Slope | 50 | B | Poplar |
| 1338013 | HES | 8 | 567722 | 7026077 | Chocolate Brown | Clay | Damp | Subtle Slope | 20 | B | Poplar |
| 1338014 | HES | 8 | 567708 | 7026096 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Poplar |
| 1338015 | HES | 8 | 567692 | 7026117 | Chocolate Brown | Silt | Damp | Pronounced Slope | 30 | B | Poplar |
| 1338016 | HES | 8 | 567667 | 7026122 | Chocolate Brown | Sand | Damp | Subtle Slope | 30 | C | Black Spruce |
| 1338017 | HES | 8 | 567656 | 7026141 | Chocolate Brown | Clay | Damp | Subtle Slope | 30 | B | Poplar |
| 1338018 | HES | 8 | 567640 | 7026157 | Chocolate Brown | Clay | Damp | Subtle Slope | 50 | B | Poplar |
| 1338019 | HES | 8 | 567627 | 7026175 | Chocolate Brown | Clay | Damp | Subtle Slope | 20 | B | Black Spruce |
| 1338020 | HES | 8 | 567669 | 7026057 | Chocolate Brown | Clay | Damp | Subtle Slope | 50 | B | Black Spruce |
| 1338021 | HES | 8 | 567648 | 7026066 | Reddish Yellow | Clay | Damp | Flat | 40 | B | Poplar |
| 1338022 | HES | 8 | 567630 | 7026079 | Reddish Yellow | Clay | Damp | Subtle Slope | 30 | B | Poplar |
| 1338023 | HES | 8 | 567609 | 7026088 | Reddish Yellow | Clay | Damp | Subtle Slope | 10 | B | Poplar |
| 1340471 | HES | 8 | 570082 | 7025709 | Reddish Brown | Silt | Damp | Subtle Slope | 60 | B | Poplar |
| 1340472 | HES | 8 | 570086 | 7025691 | Chocolate Brown | Sand | Damp | Flat | 20 | B | Birch Forest |
| 1340473 | HES | 8 | 570094 | 7025672 | Greyish Green | Gravel | Damp | Subtle Slope | 30 | C | Birch Forest |
| 1340474 | HES | 8 | 570102 | 7025652 | Bluish Grey | Gravel | Damp | Flat | 30 | C | Birch Forest |
| 1340475 | HES | 8 | 570102 | 7025652 | Bluish Grey | Gravel | Damp | Flat | 30 | C | Birch Forest |
| 1340476 | HES | 8 | 570116 | 7025636 | Grey | Sand | Damp | Subtle Slope | 30 | B | Birch Forest |
| 1340477 | HES | 8 | 570124 | 7025617 | Grey | Sand | Damp | Subtle Slope | 30 | C | Birch Forest |
| 1340478 | HES | 8 | 570134 | 7025600 | Grey | Gravel | Damp | Flat | 30 | C | Birch Forest |
| 1340479 | HES | 8 | 570139 | 7025580 | Light Brown | Clay | Damp | Flat | 60 | B | Willows |
| 1340480 | HES | 8 | 570163 | 7025397 | Light Grey | Sand | Damp | Subtle Slope | 70 | C | Birch Forest |
| 1340481 | HES | 8 | 570149 | 7025382 | Chocolate Brown | Gravel | Damp | Flat | 40 | C | Birch Forest |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1337820 | Leaf Cover | Excellent | Rocky | | |
| 1337821 | Grass Cover | Excellent | Rocky | | |
| 1337822 | Reindeer Moss | Excellent | Rocky | | |
| 1337823 | Rock Cover | Excellent | Rocky | | |
| 1337824 | Leaf Cover | Excellent | Rocky | | |
| 1337825 | Leaf Cover | Excellent | Rocky | | |
| 1337826 | Reindeer Moss | Excellent | Rocky | | |
| 1337827 | Leaf Cover | Excellent | Rocky | | |
| 1338002 | Reindeer Moss | Excellent | Rusty Rock Chip | | moved away from swamp |
| 1338003 | Reindeer Moss | Excellent | Rusty Rock Chip | | |
| 1338004 | Thin Moss Cover | Good | Outcrop Nearby | | .moved away from organic |
| 1338005 | Thin Moss Cover | Excellent | Rusty Rock Chip | | |
| 1338006 | Thin Moss Cover | Excellent | Rusty Rock Chip | | |
| 1338007 | Thin Moss Cover | Good | Rusty Rock Chip | | quartz vein nearby |
| 1338008 | Thin Moss Cover | Good | Coarse | Rusty Rock Chip | |
| 1338009 | Bare Soil | Good | Rusty Rock Chip | | |
| 1338010 | Thin Moss Cover | Good | Rusty Rock Chip | | |
| 1338011 | Reindeer Moss | Excellent | Rusty Rock Chip | | 50cm organic |
| 1338012 | Reindeer Moss | Good | Outcrop Nearby | | |
| 1338013 | Reindeer Moss | Good | Outcrop Nearby | Rusty Rock Chip | |
| 1338014 | Thin Moss Cover | Good | Outcrop Nearby | | |
| 1338015 | Leaf Cover | Good | Rusty Rock Chip | Outcrop Nearby | |
| 1338016 | Reindeer Moss | Excellent | Rusty Rock Chip | | |
| 1338017 | Reindeer Moss | Good | | | inbetween outcrops |
| 1338018 | Reindeer Moss | Good | Rocky Terrain | | |
| 1338019 | Thin Moss Cover | Good | Quartz Chips | Outcrop Nearby | |
| 1338020 | Reindeer Moss | Good | Rocky Terrain | | quartz vein nearby |
| 1338021 | Bare Soil | Good | Outcrop Nearby | Coarse | |
| 1338022 | Bare Soil | Good | Rusty Rock Chip | Quartz Chips | |
| 1338023 | Bare Soil | Good | Top Layer | | |
| 1340471 | Thin Moss Cover | Good | Outcrop Nearby | Rocky Terrain | |
| 1340472 | Bare Soil | Good | Outcrop Nearby | Rocky Terrain | |
| 1340473 | Thin Moss Cover | Good | Outcrop Nearby | Rocky Terrain | |
| 1340474 | Thin Moss Cover | Good | Rocky | | |
| 1340475 | Thin Moss Cover | Good | Rocky | | |
| 1340476 | Thin Moss Cover | Good | Rocky Terrain | Outcrop Nearby | |
| 1340477 | Thin Moss Cover | Good | Coarse | Rocky Terrain | |
| 1340478 | Leaf Cover | Good | Outcrop Nearby | Rocky Terrain | |
| 1340479 | Thin Moss Cover | Good | Outcrop Nearby | | |
| 1340480 | Thin Moss Cover | Excellent | Coarse | | |
| 1340481 | Thin Moss Cover | Excellent | Rocky | | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337820 | | 1337820 | -1 | 3918 | 1604 | 234 | 734 | 78 | 4050 | 78 | 3946 | 59 | 976 | 32 |
| 1337821 | | 1337821 | -1 | 3475 | 1463 | 214 | 595 | 72 | 2169 | 56 | 4319 | 58 | 3058 | 44 |
| 1337822 | | 1337822 | -1 | 2797 | 1362 | 177 | 401 | 60 | 1335 | 40 | 4352 | 51 | 5471 | 51 |
| 1337823 | | 1337823 | -1 | 3714 | 2111 | 231 | 534 | 68 | 2040 | 55 | 5005 | 63 | 604 | 24 |
| 1337824 | | 1337824 | -1 | 3734 | 2271 | 251 | 710 | 77 | 3134 | 69 | 3981 | 59 | 1148 | 32 |
| 1337825 | 1337824 | 1337825 | -1 | 3812 | 2107 | 255 | 775 | 82 | 2409 | 65 | 2542 | 50 | 836 | 31 |
| 1337826 | | 1337826 | -1 | 3484 | 1173 | 213 | 548 | 72 | 3909 | 75 | 3639 | 56 | 1138 | 30 |
| 1337827 | | 1337827 | -1 | 3243 | 1198 | 193 | 544 | 63 | 1620 | 49 | 3002 | 48 | 375 | 21 |
| 1338002 | | 1338002 | -1 | 4492 | 1424 | 289 | 586 | 99 | 11614 | 158 | 2689 | 62 | 1693 | 45 |
| 1338003 | | 1338003 | -1 | 5145 | 1714 | 296 | 421 | 124 | 7085 | 109 | 7282 | 86 | 30953 | 206 |
| 1338004 | | 1338004 | -1 | 2937 | 1340 | 182 | 620 | 62 | 1684 | 48 | 1032 | 32 | 799 | 23 |
| 1338005 | | 1338005 | -1 | 4170 | 1660 | 256 | 667 | 84 | 5327 | 94 | 3832 | 62 | 1477 | 37 |
| 1338006 | | 1338006 | -1 | 3799 | 2191 | 242 | 778 | 76 | 3433 | 71 | 3599 | 56 | 982 | 30 |
| 1338007 | | 1338007 | -1 | 2878 | 926 | 177 | 642 | 64 | 3154 | 63 | 881 | 32 | 689 | 24 |
| 1338008 | | 1338008 | -1 | 8345 | 2369 | 631 | 336420 | 1861 | 2786 | 62 | 13162 | 109 | 1504 | 31 |
| 1338009 | | 1338009 | -1 | 3789 | 1423 | 234 | 691 | 79 | 3801 | 79 | 2465 | 50 | 702 | 28 |
| 1338010 | | 1338010 | -1 | 5695 | 2009 | 342 | -1 | 303 | 11511 | 165 | 5481 | 88 | 2241 | 55 |
| 1338011 | | 1338011 | -1 | 3567 | 1576 | 224 | 491 | 70 | 3952 | 75 | 3213 | 53 | 885 | 29 |
| 1338012 | | 1338012 | -1 | 4320 | 2610 | 295 | 344 | 85 | 9162 | 125 | 1940 | 50 | 2381 | 48 |
| 1338013 | | 1338013 | -1 | 4521 | 1313 | 275 | -1 | 257 | 8076 | 125 | 1502 | 49 | 2171 | 50 |
| 1338014 | | 1338014 | -1 | 4766 | 1270 | 285 | 848 | 105 | 7204 | 125 | 1547 | 51 | 1544 | 45 |
| 1338015 | | 1338015 | -1 | 3702 | 1706 | 235 | 586 | 76 | 3556 | 74 | 1663 | 42 | 1687 | 37 |
| 1338016 | | 1338016 | -1 | 3553 | 1012 | 216 | 429 | 74 | 3106 | 70 | 1950 | 45 | 2585 | 42 |
| 1338017 | | 1338017 | -1 | 3313 | 1048 | 204 | 647 | 74 | 2633 | 64 | 1144 | 37 | 1472 | 34 |
| 1338018 | | 1338018 | -1 | 3029 | 745 | 179 | 451 | 63 | 4629 | 75 | 928 | 33 | 1577 | 33 |
| 1338019 | | 1338019 | -1 | 3967 | 1347 | 254 | -1 | 226 | 2224 | 72 | 1340 | 44 | 1757 | 44 |
| 1338020 | | 1338020 | -1 | 3227 | 932 | 189 | 537 | 67 | 3189 | 66 | 1282 | 36 | 1005 | 31 |
| 1338021 | | 1338021 | -1 | 4143 | 1716 | 264 | 654 | 87 | 3529 | 80 | 1218 | 41 | 1467 | 41 |
| 1338022 | | 1338022 | -1 | 3830 | 1577 | 239 | 253 | 73 | 4543 | 83 | 3061 | 54 | 2150 | 43 |
| 1338023 | | 1338023 | -1 | 3229 | 1193 | 203 | 677 | 73 | 1764 | 54 | 1271 | 37 | 1794 | 34 |
| 1340471 | | 1340471 | -1 | 2882 | 1089 | 183 | -1 | 166 | 981 | 41 | 1160 | 33 | 1639 | 31 |
| 1340472 | | 1340472 | -1 | 5060 | 2087 | 324 | 365 | 97 | 5021 | 102 | 2083 | 54 | 1680 | 50 |
| 1340473 | | 1340473 | -1 | 3231 | 1450 | 205 | 623 | 70 | 1506 | 50 | 1374 | 37 | 2414 | 37 |
| 1340474 | | 1340474 | -1 | 5176 | 1099 | 306 | -1 | 285 | 7025 | 123 | 2307 | 59 | 1471 | 49 |
| 1340475 | 1340474 | 1340475 | -1 | 6429 | 1921 | 396 | 595 | 129 | 9240 | 164 | 2405 | 69 | 1783 | 59 |
| 1340476 | | 1340476 | -1 | 4114 | 1615 | 270 | 554 | 89 | 3555 | 87 | 1666 | 48 | 999 | 36 |
| 1340477 | | 1340477 | -1 | 3403 | 1659 | 219 | 505 | 71 | 1427 | 50 | 1468 | 38 | 2186 | 38 |
| 1340478 | | 1340478 | -1 | 4947 | 1837 | 285 | 425 | 125 | 4298 | 84 | 9783 | 97 | 39237 | 241 |
| 1340479 | | 1340479 | -1 | 3224 | 1385 | 209 | 423 | 66 | 2795 | 62 | 2419 | 45 | 1252 | 33 |
| 1340480 | | 1340480 | -1 | 3089 | 1507 | 202 | 552 | 65 | 1669 | 49 | 2067 | 41 | 1358 | 30 |
| 1340481 | | 1340481 | -1 | 4830 | 1880 | 296 | -1 | 244 | 5371 | 101 | 3846 | 66 | 2149 | 49 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337820 | 35 | 3 | 284 | 5 | 20848 | 120 | 532 | 26 | -1 | 16 | 20 | 2 | 56 | 2 | 5.7 |
| 1337821 | 19 | 3 | 208 | 4 | 17278 | 103 | 356 | 24 | -1 | 15 | 18 | 2 | 44 | 2 | -1 |
| 1337822 | -1 | 6 | 181 | 3 | 9669 | 63 | 285 | 18 | -1 | 13 | 12 | 2 | 34.5 | 2 | -1 |
| 1337823 | 14 | 3 | 355 | 5 | 16158 | 96 | 203 | 22 | -1 | 14 | 19 | 2 | 27.9 | 2 | -1 |
| 1337824 | 27 | 3 | 232 | 5 | 23001 | 132 | 512 | 28 | -1 | 16 | 24 | 3 | 35 | 2 | 9.7 |
| 1337825 | 25 | 3 | 199 | 5 | 23851 | 127 | 716 | 27 | -1 | 15 | 22 | 2 | 27.7 | 2 | 14.9 |
| 1337826 | 26 | 3 | 298 | 5 | 14328 | 87 | 156 | 21 | -1 | 14 | 7 | 2 | 28.3 | 2 | -1 |
| 1337827 | 9 | 2 | 266 | 4 | 14529 | 88 | 303 | 21 | -1 | 14 | 13 | 2 | 33.2 | 2 | -1 |
| 1338002 | 35 | 4 | 222 | 5 | 20811 | 118 | 388 | 25 | -1 | 15 | 22 | 2 | 51 | 2 | -1 |
| 1338003 | -1 | 12 | 230 | 5 | 23513 | 134 | 626 | 28 | -1 | 16 | 20 | 2 | 77 | 3 | -1 |
| 1338004 | 19 | 2 | 132 | 3 | 7116 | 51 | 200 | 15 | -1 | 12 | 9 | 2 | 24.7 | 2 | 3.9 |
| 1338005 | 35 | 4 | 232 | 5 | 22648 | 129 | 400 | 27 | -1 | 15 | 14 | 2 | 50 | 2 | 4.1 |
| 1338006 | 33 | 3 | 237 | 5 | 17763 | 105 | 500 | 25 | -1 | 15 | 20 | 2 | 42 | 2 | -1 |
| 1338007 | 27 | 3 | 180 | 4 | 10359 | 68 | 299 | 18 | -1 | 13 | 14 | 2 | 31.4 | 2 | 5.5 |
| 1338008 | -1 | 6 | 73 | 3 | 5559 | 40 | 297 | 13 | -1 | 11 | 8 | 2 | 79 | 2 | -1 |
| 1338009 | 24 | 3 | 214 | 5 | 19800 | 108 | 573 | 24 | -1 | 14 | 21 | 2 | 41.6 | 2 | -1 |
| 1338010 | 60 | 5 | 365 | 7 | 35613 | 192 | 547 | 34 | -1 | 18 | 31 | 3 | 57 | 2 | -1 |
| 1338011 | 25 | 3 | 256 | 5 | 20354 | 117 | 374 | 25 | -1 | 15 | 22 | 2 | 44 | 2 | 16.5 |
| 1338012 | 54 | 4 | 247 | 5 | 28349 | 160 | 481 | 31 | -1 | 18 | 31 | 3 | 72 | 3 | 5.8 |
| 1338013 | 49 | 5 | 254 | 6 | 22629 | 121 | 325 | 25 | -1 | 15 | 17 | 2 | 59 | 2 | 15.8 |
| 1338014 | 35 | 4 | 200 | 5 | 18078 | 104 | 358 | 23 | -1 | 15 | 21 | 2 | 57 | 2 | 10.6 |
| 1338015 | 35 | 3 | 143 | 4 | 20812 | 121 | 565 | 27 | -1 | 16 | 22 | 3 | 55 | 2 | 7 |
| 1338016 | 24 | 3 | 116 | 4 | 22463 | 127 | 549 | 27 | -1 | 15 | 20 | 2 | 38.8 | 2 | 5.5 |
| 1338017 | 25 | 3 | 103 | 3 | 11572 | 74 | 362 | 20 | -1 | 13 | 15 | 2 | 45 | 2 | 6.7 |
| 1338018 | 36 | 3 | 125 | 3 | 13469 | 83 | 331 | 21 | -1 | 14 | 21 | 2 | 40.7 | 2 | 8.7 |
| 1338019 | 39 | 4 | 108 | 4 | 13468 | 83 | 315 | 21 | -1 | 13 | 16 | 2 | 37 | 2 | 9.9 |
| 1338020 | 33 | 3 | 70 | 3 | 10043 | 66 | 197 | 18 | -1 | 14 | 11 | 2 | 29 | 2 | 5.3 |
| 1338021 | 38 | 4 | 186 | 5 | 21205 | 122 | 451 | 26 | -1 | 16 | 23 | 3 | 50 | 2 | 14.3 |
| 1338022 | 48 | 4 | 224 | 5 | 19339 | 114 | 325 | 25 | -1 | 16 | 16 | 2 | 76 | 3 | 8.7 |
| 1338023 | 24 | 3 | 74 | 3 | 11101 | 71 | 318 | 19 | -1 | 13 | 15 | 2 | 62 | 2 | 7.8 |
| 1340471 | 24 | 3 | 70 | 3 | 10136 | 66 | 334 | 18 | -1 | 14 | 17 | 2 | 42.6 | 2 | 15.1 |
| 1340472 | 49 | 5 | 495 | 8 | 47250 | 263 | 626 | 41 | -1 | 22 | 46 | 3 | 102 | 3 | 680 |
| 1340473 | 21 | 3 | 101 | 3 | 11610 | 68 | 366 | 18 | -1 | 12 | 15 | 2 | 39.7 | 2 | 13.2 |
| 1340474 | 85 | 6 | 224 | 6 | 42675 | 233 | 722 | 38 | -1 | 20 | 26 | 3 | 87 | 3 | 12.5 |
| 1340475 | 98 | 7 | 272 | 8 | 51095 | 282 | 774 | 43 | -1 | 21 | 21 | 3 | 82 | 3 | 12.6 |
| 1340476 | 28 | 4 | 308 | 6 | 17628 | 102 | 266 | 23 | -1 | 14 | 14 | 2 | 38 | 2 | -1 |
| 1340477 | 25 | 3 | 172 | 4 | 15930 | 94 | 381 | 23 | -1 | 15 | 22 | 2 | 36.9 | 2 | 8.2 |
| 1340478 | -1 | 10 | 98 | 3 | 10056 | 61 | 317 | 17 | -1 | 12 | -1 | 6 | 46.1 | 2 | 10.8 |
| 1340479 | 32 | 3 | 161 | 4 | 14682 | 90 | 299 | 22 | -1 | 15 | 11 | 2 | 57 | 2 | 12.5 |
| 1340480 | 25 | 3 | 109 | 3 | 17885 | 104 | 483 | 24 | -1 | 15 | 20 | 2 | 53 | 2 | 5.9 |
| 1340481 | 51 | 5 | 202 | 5 | 35320 | 194 | 560 | 34 | -1 | 18 | 31 | 3 | 74 | 3 | 38.2 |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337820 | 1.3 | -1 | 1.8 | 154 | 1.8 | 128 | 11 | 242 | 20 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1337821 | 3.9 | -1 | 1.8 | 169.4 | 1.9 | 114 | 9 | 241 | 18 | 21 | 6 | -1 | 6 | -1 | 8 | -1 |
| 1337822 | 3 | -1 | 1.6 | 58 | 1.1 | 95 | 8 | 205 | 16 | -1 | -18.8 | -1 | 7 | -1 | 10 | -1 |
| 1337823 | 3.2 | -1 | 1.7 | 47.6 | 1 | 54 | 5 | 303 | 25 | -1 | 22 | -1 | 8 | -1 | 11 | -1 |
| 1337824 | 1.3 | -1 | 1.8 | 158.3 | 1.8 | 124 | 10 | 349 | 27 | -1 | 23 | -1 | 7 | -1 | 9 | 14 |
| 1337825 | 1.3 | -1 | 1.7 | 125.2 | 1.5 | 115 | 10 | 403 | 35 | -1 | 27 | -1 | 8 | -1 | 10 | -1 |
| 1337826 | 3.2 | -1 | 1.7 | 80.8 | 1.3 | 76 | 6 | 174 | 14 | -1 | -17.7 | -1 | 7 | -1 | 9 | -1 |
| 1337827 | 3.6 | -1 | 1.7 | 73.5 | 1.2 | 61 | 5 | 261 | 21 | -1 | 20 | -1 | 8 | -1 | 10 | -1 |
| 1338002 | 3.8 | -1 | 1.8 | 151.4 | 1.7 | 122 | 11 | 168 | 15 | -1 | 20 | -1 | 8 | -1 | 11 | -1 |
| 1338003 | 3.9 | -1 | 1.8 | 121.6 | 1.6 | 109 | 9 | 227 | 18 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1338004 | 1 | -1 | 1.7 | 38.5 | 0.9 | 70 | 6 | 419 | 31 | -1 | 24 | -1 | 7 | -1 | 9 | -1 |
| 1338005 | 1.2 | -1 | 1.8 | 91.6 | 1.4 | 88 | 7 | 244 | 19 | -1 | 19 | -1 | 6 | -1 | 8 | -1 |
| 1338006 | 3.3 | -1 | 1.8 | 173.9 | 1.9 | 136 | 11 | 341 | 26 | 26 | 7 | -1 | 7 | -1 | 9 | -1 |
| 1338007 | 1.2 | -1 | 1.7 | 67.5 | 1.2 | 86 | 7 | 344 | 25 | -1 | 21 | -1 | 6 | -1 | 9 | -1 |
| 1338008 | 3 | -1 | 1.5 | 109.9 | 1.3 | 93 | 8 | 208 | 17 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1338009 | 3.2 | -1 | 1.7 | 150.5 | 1.6 | 106 | 10 | 300 | 26 | -1 | 24 | -1 | 7 | -1 | 11 | -1 |
| 1338010 | 4 | -1 | 1.9 | 185.2 | 2 | 107 | 10 | 196 | 17 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1338011 | 1.4 | -1 | 1.8 | 93 | 1.4 | 111 | 9 | 257 | 20 | 22 | 7 | -1 | 7 | -1 | 9 | -1 |
| 1338012 | 1.4 | -1 | 1.9 | 161.8 | 1.9 | 97 | 7 | 198 | 14 | -1 | -17.5 | -1 | 6 | -1 | 8 | -1 |
| 1338013 | 1.3 | -1 | 1.7 | 98.3 | 1.3 | 83 | 7 | 244 | 19 | -1 | -20.1 | -1 | 7 | -1 | 9 | -1 |
| 1338014 | 1.2 | -1 | 1.7 | 84 | 1.3 | 91 | 9 | 182 | 16 | -1 | 20 | -1 | 8 | -1 | 11 | -1 |
| 1338015 | 1.3 | -1 | 1.9 | 167.8 | 1.9 | 87 | 7 | 256 | 20 | -1 | 20 | -1 | 7 | -1 | 9 | 15 |
| 1338016 | 1.2 | -1 | 1.7 | 44 | 1 | 55 | 5 | 191 | 17 | -1 | -20.9 | -1 | 8 | -1 | 12 | -1 |
| 1338017 | 1.1 | -1 | 1.6 | 57 | 1.1 | 91 | 8 | 246 | 21 | -1 | -22.3 | -1 | 8 | -1 | 11 | -1 |
| 1338018 | 1.3 | -1 | 1.7 | 71.4 | 1.2 | 96 | 7 | 244 | 18 | -1 | -19.5 | -1 | 6 | -1 | 9 | -1 |
| 1338019 | 1.2 | -1 | 1.8 | 58.3 | 1.1 | 90 | 10 | 255 | 26 | -1 | -27.4 | -1 | 9 | -1 | 13 | -1 |
| 1338020 | 1.2 | -1 | 1.6 | 57.8 | 1.1 | 98 | 8 | 275 | 21 | -1 | -20.4 | -1 | 7 | -1 | 9 | -1 |
| 1338021 | 1.3 | -1 | 1.8 | 75.9 | 1.3 | 109 | 10 | 238 | 20 | -1 | -22.3 | -1 | 8 | -1 | 11 | -1 |
| 1338022 | 1.2 | -1 | 1.8 | 59 | 1.1 | 93 | 7 | 321 | 23 | -1 | -20.9 | -1 | 6 | -1 | 8 | -1 |
| 1338023 | 1.1 | -1 | 1.6 | 41.3 | 1 | 73 | 6 | 273 | 22 | -1 | -21.3 | -1 | 7 | -1 | 10 | -1 |
| 1340471 | 1.2 | -1 | 1.7 | 49.9 | 1 | 88 | 8 | 256 | 21 | -1 | -21.7 | -1 | 7 | -1 | 10 | -1 |
| 1340472 | 6 | -1 | 3 | 160.4 | 2 | 90 | 7 | 250 | 20 | -1 | -20.4 | -1 | 8 | -1 | 10 | -1 |
| 1340473 | 1.1 | -1 | 1.5 | 63.1 | 1 | 51 | 5 | 194 | 17 | -1 | -20.4 | -1 | 8 | -1 | 11 | -1 |
| 1340474 | 1.3 | -1 | 1.9 | 116.9 | 1.6 | 44 | 4 | 185 | 14 | -1 | -17.8 | -1 | 6 | -1 | 9 | -1 |
| 1340475 | 1.4 | -1 | 1.9 | 107.7 | 1.6 | 41 | 5 | 148 | 15 | -1 | 21 | -1 | 9 | -1 | 12 | -1 |
| 1340476 | 3.4 | -1 | 1.6 | 83.2 | 1.3 | 48 | 5 | 183 | 17 | -1 | 22 | -1 | 8 | -1 | 11 | -1 |
| 1340477 | 1.3 | -1 | 1.6 | 76.8 | 1.2 | 45 | 5 | 173 | 15 | -1 | 19 | -1 | 8 | -1 | 11 | -1 |
| 1340478 | 1.1 | -1 | 1.5 | 111.6 | 1.4 | 69 | 7 | 236 | 23 | -1 | -24 | -1 | 9 | -1 | 12 | -1 |
| 1340479 | 1.2 | -1 | 1.7 | 61 | 1.1 | 97 | 7 | 265 | 19 | -1 | -19 | -1 | 6 | -1 | 8 | -1 |
| 1340480 | 1.4 | -1 | 1.7 | 139.3 | 1.7 | 60 | 5 | 208 | 17 | -1 | -19.5 | -1 | 7 | -1 | 10 | -1 |
| 1340481 | 1.7 | -1 | 1.8 | 108.2 | 1.5 | 97 | 8 | 200 | 16 | -1 | 19 | -1 | 7 | -1 | 10 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1337820 | 14 | -1 | 18 | 317 | 13 | -1 | 15 | -1 | 3.9 | 28.4 | 1.7 | Soil | PASS | 88.13 |
| 1337821 | 12 | -1 | 15 | 361 | 15 | -1 | 14 | -1 | 4 | 29.5 | 1.7 | Soil | PASS | 88.27 |
| 1337822 | 14 | -1 | 18 | 391 | 15 | -1 | 13 | -1 | 3.4 | 11 | 1.3 | Soil | PASS | 88.08 |
| 1337823 | 15 | -1 | 19 | 123 | 10 | -1 | 14 | -1 | 3.7 | 13 | 1.4 | Soil | PASS | 88.25 |
| 1337824 | 4 | -1 | 17 | 246 | 13 | -1 | 15 | -1 | 4.2 | 19.2 | 1.6 | Soil | PASS | 88.2 |
| 1337825 | 14 | -1 | 19 | 251 | 13 | -1 | 14 | -1 | 3.8 | 17.8 | 1.5 | Soil | PASS | 90.56 |
| 1337826 | 13 | -1 | 17 | 212 | 12 | -1 | 13 | -1 | 3.8 | 16.6 | 1.5 | Soil | PASS | 88.44 |
| 1337827 | 14 | -1 | 18 | 123 | 9 | -1 | 14 | -1 | 3.6 | 28.4 | 1.7 | Soil | PASS | 88.15 |
| 1338002 | 15 | -1 | 19 | 374 | 17 | -1 | 15 | -1 | 3.8 | 26.8 | 1.7 | Soil | PASS | 90.85 |
| 1338003 | 14 | -1 | 18 | 1087 | 38 | -1 | 15 | -1 | 4 | 30.4 | 1.8 | Soil | PASS | 88.27 |
| 1338004 | 13 | -1 | 17 | 170 | 9 | -1 | 14 | -1 | 3.7 | 12.8 | 1.4 | Soil | PASS | 88.23 |
| 1338005 | 12 | -1 | 15 | 253 | 14 | -1 | 15 | -1 | 4 | 15.4 | 1.5 | Soil | PASS | 88.39 |
| 1338006 | 12 | -1 | 16 | 261 | 12 | -1 | 15 | -1 | 4 | 15.9 | 1.6 | Soil | PASS | 88.3 |
| 1338007 | 12 | -1 | 16 | 198 | 10 | -1 | 14 | -1 | 3.9 | 19.5 | 1.5 | Soil | PASS | 88.14 |
| 1338008 | 14 | -1 | 19 | 284 | 11 | -1 | 13 | -1 | 3.1 | 22 | 1.4 | Soil | PASS | 90.24 |
| 1338009 | 15 | -1 | 19 | 171 | 11 | -1 | 13 | -1 | 3.7 | 18.7 | 1.5 | Soil | PASS | 90.58 |
| 1338010 | 14 | -1 | 18 | 488 | 21 | -1 | 15 | -1 | 4.2 | 30.1 | 1.9 | Soil | PASS | 90.8 |
| 1338011 | 13 | -1 | 16 | 195 | 11 | -1 | 15 | -1 | 3.9 | 20.7 | 1.6 | Soil | PASS | 88.25 |
| 1338012 | 12 | -1 | 15 | 478 | 18 | -1 | 16 | 5.3 | 1.5 | 29 | 1.8 | Soil | PASS | 88.09 |
| 1338013 | 13 | -1 | 16 | 573 | 20 | -1 | 15 | 5 | 1.3 | 18 | 1.5 | Soil | PASS | 90.39 |
| 1338014 | 15 | -1 | 20 | 421 | 18 | -1 | 15 | -1 | 3.8 | 17.7 | 1.5 | Soil | PASS | 90.91 |
| 1338015 | 4 | -1 | 16 | 263 | 14 | -1 | 15 | -1 | 4.1 | 24.4 | 1.7 | Soil | PASS | 88.26 |
| 1338016 | 16 | -1 | 21 | 187 | 14 | -1 | 14 | -1 | 3.7 | 15.6 | 1.5 | Soil | PASS | 88.43 |
| 1338017 | 15 | -1 | 20 | 259 | 13 | -1 | 14 | -1 | 3.7 | 16.2 | 1.5 | Soil | PASS | 88.38 |
| 1338018 | 12 | -1 | 16 | 303 | 12 | -1 | 14 | -1 | 3.8 | 22.9 | 1.6 | Soil | PASS | 88.09 |
| 1338019 | 18 | -1 | 24 | 437 | 17 | -1 | 14 | -1 | 3.7 | 20.8 | 1.6 | Soil | PASS | 91.13 |
| 1338020 | 13 | -1 | 17 | 382 | 13 | -1 | 14 | -1 | 3.6 | 22.5 | 1.6 | Soil | PASS | 88.19 |
| 1338021 | 14 | -1 | 19 | 415 | 16 | -1 | 15 | -1 | 4 | 19.2 | 1.6 | Soil | PASS | 88.37 |
| 1338022 | 12 | -1 | 15 | 502 | 17 | -1 | 15 | -1 | 4.1 | 15.8 | 1.5 | Soil | PASS | 88.13 |
| 1338023 | 14 | -1 | 18 | 204 | 12 | -1 | 14 | -1 | 3.6 | 14.7 | 1.4 | Soil | PASS | 88.27 |
| 1340471 | 14 | -1 | 19 | 203 | 11 | -1 | 14 | -1 | 3.6 | 14.8 | 1.4 | Soil | PASS | 88.33 |
| 1340472 | 13 | -1 | 17 | 401 | 20 | -1 | 39 | -1 | 5.3 | 52 | 2 | Soil | PASS | 87.94 |
| 1340473 | 15 | -1 | 19 | 172 | 12 | -1 | 13 | -1 | 3.4 | 14.4 | 1.3 | Soil | PASS | 90.39 |
| 1340474 | 12 | -1 | 16 | 451 | 20 | -1 | 16 | 4.6 | 1.5 | 15.2 | 1.7 | Soil | PASS | 88.33 |
| 1340475 | 16 | -1 | 22 | 450 | 24 | -1 | 16 | -1 | 4.3 | 13.4 | 1.8 | Soil | PASS | 91.13 |
| 1340476 | 16 | -1 | 20 | 261 | 14 | -1 | 13 | -1 | 3.8 | 19.8 | 1.5 | Soil | PASS | 90.89 |
| 1340477 | 15 | -1 | 20 | 204 | 13 | -1 | 14 | -1 | 3.6 | 25.4 | 1.6 | Soil | PASS | 88.39 |
| 1340478 | 18 | -1 | 23 | 1096 | 39 | -1 | 13 | -1 | 3.5 | 14.7 | 1.3 | Soil | PASS | 90.56 |
| 1340479 | 11 | -1 | 15 | 378 | 13 | -1 | 15 | -1 | 4 | 14.7 | 1.5 | Soil | PASS | 88.06 |
| 1340480 | 14 | -1 | 18 | 180 | 11 | -1 | 15 | 4.6 | 1.4 | 34.2 | 1.8 | Soil | PASS | 88.18 |
| 1340481 | 13 | -1 | 18 | 404 | 19 | -1 | 16 | -1 | 4.1 | 29.7 | 1.8 | Soil | PASS | 88.08 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1340482 | HES | 8 | 570147 | 7025362 | Grey | Sand | Damp | Flat | 60 | C | Black Spruce |
| 1340483 | HES | 8 | 570145 | 7025342 | Chocolate Brown | Sand | Damp | Flat | 50 | C | Birch Forest |
| 1340484 | HES | 8 | 570135 | 7025324 | Chocolate Brown | Sand | Damp | Flat | 40 | C | Birch Forest |
| 1340485 | HES | 8 | 570139 | 7025305 | Chocolate Brown | Clay | Damp | Subtle Slope | 40 | B | Poplar |
| 1340486 | HES | 8 | 570157 | 7025294 | Reddish Brown | Clay | Damp | Subtle Slope | 40 | B | Poplar |
| 1340487 | HES | 8 | 570173 | 7025281 | Reddish Brown | Clay | Damp | Subtle Slope | 30 | B | Poplar |
| 1340488 | HES | 8 | 570189 | 7025267 | Reddish Brown | Clay | Damp | Flat | 40 | B | Poplar |
| 1340489 | HES | 8 | 570203 | 7025253 | Chocolate Brown | Clay | Damp | Flat | 40 | B | Birch Forest |
| 1340490 | HES | 8 | 570223 | 7025242 | Reddish Brown | Clay | Wet | Flat | 20 | B | Birch Forest |
| 1340491 | HES | 8 | 570369 | 7025226 | Greyish Green | Sand | Damp | Subtle Slope | 30 | C | Poplar |
| 1340492 | HES | 8 | 570381 | 7025211 | Greyish Green | Sand | Damp | Subtle Slope | 50 | C | Poplar |
| 1340493 | HES | 8 | 570400 | 7025204 | Greyish Green | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1340494 | HES | 8 | 570415 | 7025189 | Greyish Green | Clay | Damp | Subtle Slope | 60 | B | Birch Forest |
| 1340495 | HES | 8 | 570423 | 7025171 | Greyish Green | Clay | Damp | Subtle Slope | 70 | B | Pine |
| 1340496 | HES | 8 | 570440 | 7025157 | Greyish Green | Sand | Damp | Subtle Slope | 70 | B | Black Spruce |
| 1340497 | HES | 8 | 570450 | 7025139 | Greyish Green | Sand | Damp | Subtle Slope | 60 | C | Black Spruce |
| 1340498 | HES | 8 | 570459 | 7025121 | Light Grey | Sand | Damp | Flat | 70 | B | Black Spruce |
| 1340499 | HES | 8 | 570458 | 7025100 | Greyish Green | Sand | Damp | Subtle Slope | 40 | B | Black Spruce |
| 1340500 | HES | 8 | 570582 | 7024664 | Chocolate Brown | Gravel | Damp | Flat | 40 | C | Subalpine Fir |
| 1342026 | HES | 8 | 569007 | 7025363 | Chocolate Brown | Silt | Dry | Flat | 20 | B | Subalpine Fir |
| 1342027 | HES | 8 | 568988 | 7025373 | Chocolate Brown | Silt | Dry | Flat | 20 | B | Poplar |
| 1342028 | HES | 8 | 568970 | 7025381 | Chocolate Brown | Silt | Dry | Flat | 50 | B | Poplar |
| 1342029 | HES | 8 | 568954 | 7025395 | Chocolate Brown | Silt | Dry | Flat | 10 | B | Subalpine Fir |
| 1342030 | HES | 8 | 568941 | 7025410 | Chocolate Brown | Clay | Damp | Flat | 60 | B | Subalpine Fir |
| 1342031 | HES | 8 | 568929 | 7025426 | Chocolate Brown | Clay | Damp | Flat | 30 | B | Poplar |
| 1342032 | HES | 8 | 568910 | 7025433 | Chocolate Brown | Clay | Dry | Flat | 20 | B | Willows |
| 1342033 | HES | 8 | 568891 | 7025441 | Chocolate Brown | Clay | Dry | Flat | 30 | C | Poplar |
| 1342034 | HES | 8 | 568872 | 7025449 | Chocolate Brown | Silt | Dry | Flat | 10 | B | Black Spruce |
| 1342035 | HES | 8 | 568854 | 7025459 | Dark Blue Black | Clay | Damp | Flat | 20 | B | Subalpine Fir |
| 1342036 | HES | 8 | 568836 | 7025469 | Chocolate Brown | Clay | Damp | Flat | 20 | B | Subalpine Fir |
| 1342037 | HES | 8 | 568819 | 7025480 | Chocolate Brown | Clay | Dry | Flat | 50 | B | Subalpine Fir |
| 1342038 | HES | 8 | 568811 | 7025498 | Chocolate Brown | Clay | Dry | Flat | 50 | C | Subalpine Fir |
| 1342039 | HES | 8 | 568793 | 7025507 | Chocolate Brown | Clay | Dry | Flat | 30 | B | Subalpine Fir |
| 1342040 | HES | 8 | 568776 | 7025519 | Chocolate Brown | Silt | Dry | Flat | 10 | B | Subalpine Fir |
| 1342041 | HES | 8 | 568762 | 7025535 | Chocolate Brown | Clay | Dry | Flat | 30 | B | Subalpine Fir |
| 1342042 | HES | 8 | 568745 | 7025547 | Chocolate Brown | Clay | Dry | Flat | 30 | C | Subalpine Fir |
| 1342043 | HES | 8 | 568586 | 7025765 | Dark Brown | Clay | Damp | Flat | 70 | B | Black Spruce |
| 1342044 | HES | 8 | 568605 | 7025759 | Chocolate Brown | Sand | Dry | Flat | 60 | C | Poplar |
| 1342045 | HES | 8 | 568610 | 7025739 | Chocolate Brown | Clay | Dry | Flat | 70 | C | Willows |
| 1342046 | HES | 8 | 568626 | 7025728 | Chocolate Brown | Clay | Dry | Flat | 60 | C | Poplar |
| 1342047 | HES | 8 | 568646 | 7025721 | Chocolate Brown | Sand | Dry | Flat | 40 | C | Poplar |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1340482 | Thin Moss Cover | Good | Outcrop Nearby | Rocky | |
| 1340483 | Thin Moss Cover | Good | Coarse | Rocky | |
| 1340484 | Leaf Cover | Good | Coarse | Rocky | |
| 1340485 | Leaf Cover | Good | Rocky Terrain | Outcrop Nearby | |
| 1340486 | Thin Moss Cover | Poor | Outcrop Nearby | Rocky | taken below rusty quartz outcrop |
| 1340487 | Bare Soil | Poor | Rocky Terrain | Outcrop Nearby | |
| 1340488 | Thin Moss Cover | Good | Rocky | Outcrop Nearby | |
| 1340489 | Bare Soil | Good | Rocky | Outcrop Nearby | |
| 1340490 | Thin Moss Cover | Poor | Rocky Terrain | Outcrop Nearby | |
| 1340491 | Leaf Cover | Good | Fine | Rocky | |
| 1340492 | Leaf Cover | Good | Rocky | | |
| 1340493 | Leaf Cover | Good | Fine | Rocky | |
| 1340494 | Thin Moss Cover | Good | Rocky | | |
| 1340495 | Thin Moss Cover | Good | Sandy | | |
| 1340496 | Thin Moss Cover | Good | Fine | | |
| 1340497 | Thin Moss Cover | Good | | | |
| 1340498 | Sphagnum Moss < 30cm | Good | | | |
| 1340499 | Thin Moss Cover | Good | Rocky | | |
| 1340500 | Reindeer Moss | Good | Rocky | Outcrop Nearby | |
| 1342026 | Grass Cover | Poor | Organic 10% | Rocky Terrain | |
| 1342027 | Reindeer Moss | Good | Organic 10% | Rocky Terrain | |
| 1342028 | Grass Cover | Good | Quartz Chips | Rocky Terrain | |
| 1342029 | Reindeer Moss | Good | Organic 10% | Rocky Terrain | |
| 1342030 | Grass Cover | Good | Rocky Terrain | | |
| 1342031 | Grass Cover | Good | Rocky Terrain | | |
| 1342032 | Reindeer Moss | Good | Organic 10% | Rocky Terrain | |
| 1342033 | Grass Cover | Good | Rocky Terrain | Sandy | |
| 1342034 | Reindeer Moss | Good | Organic 10% | Rocky Terrain | |
| 1342035 | Reindeer Moss | Good | Organic 10% | Rocky Terrain | |
| 1342036 | Reindeer Moss | Good | Organic 10% | Rocky Terrain | |
| 1342037 | Grass Cover | Good | Rocky | | |
| 1342038 | Grass Cover | Good | Rocky Terrain | Sandy | |
| 1342039 | Reindeer Moss | Good | Organic 10% | Rocky Terrain | |
| 1342040 | Reindeer Moss | Good | Organic 10% | Rocky Terrain | |
| 1342041 | Needle Cover | Good | Organic 10% | Rocky Terrain | |
| 1342042 | Reindeer Moss | Good | Rocky Terrain | | |
| 1342043 | Sphagnum Moss > 30cm | Good | Organic 10% | Rocky | |
| 1342044 | Leaf Cover | Good | Rocky | | |
| 1342045 | Leaf Cover | Good | Rocky | | |
| 1342046 | Leaf Cover | Good | Rocky | Sandy | |
| 1342047 | Leaf Cover | Good | Rocky | | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1340482 | | 1340482 | -1 | 3553 | 1318 | 226 | 359 | 73 | 1705 | 58 | 2260 | 48 | 1699 | 37 |
| 1340483 | | 1340483 | -1 | 4377 | 1718 | 276 | -1 | 237 | 6699 | 109 | 2107 | 51 | 2135 | 48 |
| 1340484 | | 1340484 | -1 | 3944 | 1311 | 244 | -1 | 214 | 2615 | 71 | 2171 | 49 | 1235 | 36 |
| 1340485 | | 1340485 | -1 | 3006 | 1362 | 202 | -1 | 179 | 834 | 41 | 1209 | 35 | 2033 | 36 |
| 1340486 | | 1340486 | -1 | 3497 | 1110 | 220 | -1 | 194 | 1913 | 58 | 1427 | 40 | 1877 | 41 |
| 1340487 | | 1340487 | -1 | 6528 | -1 | 1194 | 1676 | 172 | 4251 | 141 | 1479 | 64 | 1560 | 56 |
| 1340488 | | 1340488 | -1 | 3042 | 1167 | 188 | 218 | 57 | 1602 | 48 | 1660 | 38 | 1019 | 29 |
| 1340489 | | 1340489 | -1 | 4660 | 1421 | 291 | -1 | 274 | 3978 | 96 | 2137 | 55 | 1945 | 51 |
| 1340490 | | 1340490 | -1 | 2922 | 1641 | 205 | 517 | 74 | 2183 | 54 | 1685 | 38 | 8345 | 70 |
| 1340491 | | 1340491 | -1 | 4757 | 1804 | 286 | -1 | 331 | 4238 | 88 | 6690 | 83 | 24225 | 173 |
| 1340492 | | 1340492 | -1 | 3953 | 1688 | 261 | -1 | 233 | 4811 | 92 | 3506 | 61 | 1505 | 39 |
| 1340493 | | 1340493 | -1 | 4730 | 1646 | 299 | -1 | 273 | 4766 | 105 | 2957 | 63 | 1779 | 46 |
| 1340494 | | 1340494 | -1 | 4230 | 1502 | 267 | 365 | 85 | 5662 | 101 | 3163 | 60 | 1809 | 43 |
| 1340495 | | 1340495 | -1 | 4214 | 2008 | 287 | -1 | 251 | 5561 | 104 | 3079 | 61 | 1650 | 42 |
| 1340496 | | 1340496 | -1 | 4821 | 1525 | 275 | -1 | 374 | 1685 | 59 | 9540 | 94 | 43131 | 257 |
| 1340497 | | 1340497 | -1 | 3413 | 1253 | 220 | -1 | 192 | 3862 | 76 | 1497 | 41 | 1518 | 37 |
| 1340498 | | 1340498 | -1 | 2980 | 1423 | 192 | 293 | 59 | 993 | 40 | 1724 | 38 | 2118 | 34 |
| 1340499 | | 1340499 | -1 | 3726 | 1629 | 249 | 286 | 75 | 3768 | 81 | 3086 | 56 | 1269 | 36 |
| 1340500 | | 1340500 | -1 | 3701 | 1313 | 233 | 491 | 77 | 4338 | 82 | 1038 | 38 | 1743 | 39 |
| 1342026 | | 1342026 | -1 | 3157 | 1888 | 214 | 181 | 59 | 1073 | 42 | 3155 | 49 | 1911 | 34 |
| 1342027 | | 1342027 | -1 | 3539 | 1162 | 217 | -1 | 199 | 2282 | 60 | 1678 | 41 | 1856 | 38 |
| 1342028 | | 1342028 | -1 | 3323 | 1026 | 200 | -1 | 181 | 3291 | 66 | 1602 | 39 | 2212 | 39 |
| 1342029 | | 1342029 | -1 | 3634 | 853 | 220 | -1 | 205 | 3942 | 79 | 1772 | 44 | 3157 | 49 |
| 1342030 | | 1342030 | -1 | 3779 | 917 | 232 | -1 | 224 | 1890 | 64 | 1423 | 42 | 1088 | 39 |
| 1342031 | | 1342031 | -1 | 3102 | 1430 | 211 | 332 | 66 | 1278 | 47 | 1610 | 39 | 1894 | 36 |
| 1342032 | | 1342032 | -1 | 3415 | 925 | 195 | 326 | 77 | 1151 | 44 | 2186 | 42 | 10788 | 86 |
| 1342033 | | 1342033 | -1 | 3311 | 1199 | 200 | -1 | 170 | 1248 | 45 | 2627 | 46 | 1191 | 30 |
| 1342034 | | 1342034 | -1 | 3115 | 1002 | 195 | -1 | 170 | 1446 | 49 | 1939 | 42 | 1004 | 29 |
| 1342035 | | 1342035 | -1 | 3086 | 1536 | 217 | 371 | 68 | 989 | 47 | 954 | 34 | 1651 | 34 |
| 1342036 | | 1342036 | -1 | 3811 | 1740 | 242 | 338 | 74 | 3161 | 70 | 1553 | 41 | 2642 | 46 |
| 1342037 | | 1342037 | -1 | 3248 | 1002 | 189 | 235 | 76 | 2867 | 58 | 2720 | 44 | 14792 | 100 |
| 1342038 | | 1342038 | -1 | 3035 | 1743 | 207 | -1 | 164 | 1436 | 46 | 1174 | 34 | 898 | 27 |
| 1342039 | | 1342039 | -1 | 3223 | 1570 | 205 | 664 | 69 | 2032 | 53 | 2478 | 44 | 2765 | 39 |
| 1342040 | | 1342040 | -1 | 3076 | 1346 | 190 | -1 | 206 | 528 | 33 | 4078 | 52 | 12664 | 89 |
| 1342041 | | 1342041 | -1 | 2897 | 1282 | 181 | -1 | 156 | 1263 | 41 | 3592 | 49 | 2588 | 36 |
| 1342042 | | 1342042 | -1 | 3044 | 1135 | 185 | 232 | 72 | 1439 | 43 | 3021 | 45 | 13136 | 90 |
| 1342043 | | 1342043 | -1 | 3117 | 2362 | 214 | 168 | 55 | 1935 | 49 | 4094 | 53 | 2156 | 34 |
| 1342044 | | 1342044 | -1 | 3295 | 1732 | 222 | 246 | 64 | 1531 | 52 | 3124 | 52 | 968 | 28 |
| 1342045 | | 1342045 | -1 | 3066 | 1183 | 186 | -1 | 205 | 1608 | 46 | 3350 | 48 | 10381 | 79 |
| 1342046 | | 1342046 | -1 | 3165 | 1553 | 199 | -1 | 163 | 1055 | 42 | 2507 | 44 | 2043 | 34 |
| 1342047 | | 1342047 | -1 | 2933 | 1023 | 180 | -1 | 156 | 1404 | 46 | 2550 | 44 | 700 | 23 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1340482 | 34 | 3 | 102 | 4 | 13607 | 78 | 421 | 20 | -1 | 14 | 18 | 2 | 38.6 | 2 | 7.4 |
| 1340483 | 55 | 5 | 204 | 5 | 30087 | 168 | 501 | 32 | -1 | 18 | 38 | 3 | 56 | 2 | 75 |
| 1340484 | 32 | 4 | 126 | 4 | 20614 | 112 | 435 | 24 | -1 | 14 | 15 | 2 | 44 | 2 | 13 |
| 1340485 | 27 | 3 | 87 | 3 | 12858 | 80 | 381 | 21 | -1 | 14 | 28 | 3 | 42 | 2 | 11.6 |
| 1340486 | 36 | 4 | 99 | 4 | 17726 | 106 | 352 | 24 | -1 | 15 | 13 | 2 | 53 | 2 | 18.2 |
| 1340487 | 38 | 5 | 117 | 6 | 12877 | 96 | 215 | 24 | -1 | 17 | -1 | 8 | 22 | 2 | 11.5 |
| 1340488 | 23 | 3 | 111 | 3 | 12101 | 76 | 291 | 20 | -1 | 14 | 7 | 2 | 44 | 2 | 8.5 |
| 1340489 | 41 | 5 | 180 | 5 | 20218 | 115 | 288 | 25 | -1 | 15 | 18 | 2 | 50 | 2 | 18.4 |
| 1340490 | 11 | 3 | 88 | 3 | 9051 | 60 | 137 | 16 | -1 | 13 | -1 | 6 | 45 | 2 | 11.3 |
| 1340491 | -1 | 11 | 129 | 4 | 14325 | 81 | 285 | 20 | -1 | 13 | 13 | 2 | 50.2 | 2 | 7.8 |
| 1340492 | 33 | 4 | 167 | 5 | 21080 | 111 | 412 | 24 | -1 | 15 | 20 | 2 | 60 | 2 | 9 |
| 1340493 | 38 | 4 | 197 | 5 | 20830 | 119 | 346 | 25 | -1 | 16 | 25 | 3 | 48 | 2 | 6 |
| 1340494 | 45 | 4 | 230 | 5 | 24186 | 126 | 425 | 26 | -1 | 15 | 31 | 2 | 65 | 2 | 9.8 |
| 1340495 | 38 | 4 | 210 | 5 | 19380 | 106 | 316 | 23 | -1 | 14 | 24 | 2 | 54 | 2 | 8.1 |
| 1340496 | -1 | 10 | 72 | 3 | 9714 | 65 | 340 | 18 | -1 | 13 | 11 | 2 | 48 | 2 | 3.4 |
| 1340497 | 30 | 3 | 189 | 4 | 17044 | 102 | 332 | 23 | -1 | 15 | 21 | 2 | 47 | 2 | 5.8 |
| 1340498 | 21 | 3 | 99 | 3 | 11463 | 73 | 351 | 20 | -1 | 14 | 25 | 2 | 47 | 2 | 5.8 |
| 1340499 | 28 | 3 | 142 | 4 | 18428 | 108 | 345 | 24 | -1 | 15 | 22 | 2 | 49 | 2 | 6.3 |
| 1340500 | 35 | 4 | 94 | 4 | 23431 | 133 | 411 | 27 | -1 | 16 | 16 | 2 | 46 | 2 | 35.2 |
| 1342026 | 24 | 3 | 94 | 3 | 14406 | 87 | 356 | 21 | -1 | 14 | 21 | 2 | 77 | 2 | 10.4 |
| 1342027 | 28 | 3 | 159 | 4 | 21452 | 124 | 464 | 27 | -1 | 15 | 11 | 2 | 59 | 2 | 17.3 |
| 1342028 | 37 | 3 | 98 | 3 | 19324 | 113 | 389 | 25 | -1 | 16 | 14 | 2 | 118 | 3 | 15.4 |
| 1342029 | 46 | 4 | 176 | 4 | 19516 | 117 | 294 | 25 | -1 | 15 | 11 | 2 | 46 | 2 | 9.5 |
| 1342030 | 44 | 4 | 175 | 5 | 14311 | 82 | 307 | 20 | -1 | 14 | 20 | 2 | 54 | 2 | 14.3 |
| 1342031 | 21 | 3 | 103 | 3 | 15135 | 92 | 368 | 22 | -1 | 14 | 12 | 2 | 64 | 2 | 12.9 |
| 1342032 | -1 | 8 | 349 | 5 | 10162 | 66 | 349 | 18 | -1 | 13 | 7 | 2 | 78 | 2 | 9 |
| 1342033 | 19 | 3 | 118 | 3 | 15907 | 95 | 368 | 23 | -1 | 15 | 30 | 3 | 46 | 2 | 11 |
| 1342034 | 18 | 3 | 138 | 4 | 13306 | 82 | 271 | 21 | -1 | 14 | 11 | 2 | 108 | 3 | 7.5 |
| 1342035 | 28 | 3 | 73 | 3 | 9327 | 57 | 207 | 16 | -1 | 11 | 7 | 2 | 18.2 | 2 | -1 |
| 1342036 | 45 | 4 | 196 | 5 | 20996 | 121 | 320 | 26 | -1 | 16 | 20 | 2 | 104 | 3 | 18.2 |
| 1342037 | -1 | 8 | 81 | 3 | 10801 | 70 | 294 | 19 | -1 | 15 | 18 | 2 | 72 | 2 | 11.7 |
| 1342038 | 29 | 3 | 92 | 3 | 17100 | 102 | 428 | 24 | -1 | 15 | 29 | 3 | 115 | 3 | 12.8 |
| 1342039 | 30 | 3 | 219 | 4 | 12891 | 80 | 326 | 20 | -1 | 14 | 18 | 2 | 102 | 3 | 8.3 |
| 1342040 | -1 | 6 | 38 | 2 | 6371 | 47 | 262 | 15 | -1 | 12 | -1 | 6 | 50 | 2 | 5 |
| 1342041 | 11 | 2 | 80 | 3 | 10016 | 66 | 206 | 18 | -1 | 13 | 9 | 2 | 42.7 | 2 | 5.2 |
| 1342042 | -1 | 7 | 71 | 3 | 8569 | 58 | 205 | 16 | -1 | 12 | 8 | 2 | 53 | 2 | 4.1 |
| 1342043 | 19 | 2 | 103 | 3 | 10938 | 70 | 262 | 19 | -1 | 14 | 22 | 2 | 116 | 3 | 5.3 |
| 1342044 | 21 | 3 | 143 | 4 | 11691 | 74 | 279 | 19 | -1 | 14 | 16 | 2 | 72 | 2 | 7.7 |
| 1342045 | -1 | 7 | 65 | 2 | 7314 | 52 | 189 | 15 | -1 | 13 | 11 | 2 | 57 | 2 | 4.1 |
| 1342046 | 19 | 3 | 166 | 4 | 12694 | 79 | 383 | 20 | -1 | 14 | 19 | 2 | 65 | 2 | 4.2 |
| 1342047 | 17 | 2 | 83 | 3 | 9669 | 64 | 224 | 18 | -1 | 13 | 16 | 2 | 47 | 2 | 5 |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1340482 | 1.1 | -1 | 1.6 | 137.6 | 1.5 | 120 | 10 | 240 | 20 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1340483 | 2 | -1 | 1.9 | 136.2 | 1.7 | 133 | 11 | 255 | 21 | -1 | -21.3 | -1 | 7 | -1 | 10 | -1 |
| 1340484 | 1.2 | -1 | 1.7 | 107.5 | 1.4 | 129 | 12 | 210 | 19 | -1 | -21.7 | -1 | 8 | -1 | 11 | -1 |
| 1340485 | 1.2 | -1 | 1.7 | 58.4 | 1.1 | 98 | 8 | 275 | 22 | -1 | 21 | -1 | 7 | -1 | 9 | -1 |
| 1340486 | 1.3 | -1 | 1.7 | 44.6 | 1 | 74 | 6 | 308 | 22 | -1 | -20.6 | -1 | 6 | -1 | 9 | -1 |
| 1340487 | 1.4 | -1 | 2.1 | 29.7 | 1.1 | 57 | 8 | 231 | 28 | -1 | -30.5 | -1 | 11 | -1 | 16 | -1 |
| 1340488 | 1.1 | -1 | 1.7 | 46.5 | 1 | 99 | 8 | 303 | 23 | -1 | -21.1 | -1 | 7 | -1 | 9 | -1 |
| 1340489 | 1.3 | -1 | 1.7 | 67.3 | 1.2 | 99 | 10 | 282 | 28 | -1 | -26.7 | -1 | 9 | -1 | 13 | -1 |
| 1340490 | 1.1 | -1 | 1.6 | 24 | 0.8 | 64 | 5 | 270 | 20 | -1 | -20.3 | -1 | 7 | -1 | 9 | -1 |
| 1340491 | 1.1 | -1 | 1.6 | 71.7 | 1.1 | 96 | 9 | 199 | 18 | -1 | -21.4 | -1 | 8 | -1 | 12 | -1 |
| 1340492 | 1.2 | -1 | 1.6 | 95 | 1.3 | 104 | 10 | 224 | 20 | -1 | -22.3 | -1 | 8 | -1 | 11 | -1 |
| 1340493 | 1.3 | -1 | 1.7 | 90.6 | 1.4 | 90 | 10 | 257 | 26 | -1 | 26 | -1 | 9 | -1 | 14 | -1 |
| 1340494 | 1.2 | -1 | 1.6 | 112 | 1.4 | 86 | 7 | 187 | 15 | -1 | -19 | -1 | 7 | -1 | 9 | -1 |
| 1340495 | 1.2 | -1 | 1.6 | 91.4 | 1.3 | 73 | 6 | 186 | 15 | -1 | -19.4 | -1 | 7 | -1 | 10 | -1 |
| 1340496 | 1.1 | -1 | 1.7 | 82.2 | 1.3 | 81 | 8 | 218 | 19 | -1 | 21 | -1 | 8 | -1 | 12 | -1 |
| 1340497 | 1.2 | -1 | 1.8 | 90.6 | 1.4 | 80 | 6 | 201 | 15 | -1 | -17.8 | -1 | 6 | -1 | 9 | -1 |
| 1340498 | 1.2 | -1 | 1.7 | 74 | 1.2 | 72 | 6 | 184 | 14 | -1 | 17 | -1 | 7 | -1 | 9 | -1 |
| 1340499 | 1.2 | -1 | 1.7 | 82.8 | 1.3 | 76 | 7 | 207 | 17 | -1 | -20 | -1 | 7 | -1 | 10 | -1 |
| 1340500 | 1.6 | -1 | 1.8 | 97.2 | 1.4 | 82 | 6 | 230 | 17 | -1 | 18 | -1 | 6 | -1 | 8 | -1 |
| 1342026 | 1.3 | -1 | 1.7 | 64.1 | 1.1 | 96 | 8 | 255 | 21 | -1 | -21.1 | -1 | 8 | -1 | 11 | -1 |
| 1342027 | 1.4 | -1 | 1.8 | 127.1 | 1.6 | 114 | 9 | 333 | 26 | -1 | -22.8 | -1 | 7 | -1 | 9 | -1 |
| 1342028 | 1.3 | -1 | 1.8 | 99.5 | 1.4 | 85 | 6 | 328 | 23 | -1 | 20 | -1 | 6 | -1 | 8 | -1 |
| 1342029 | 1.3 | -1 | 1.9 | 94.3 | 1.4 | 91 | 7 | 989 | 70 | 49 | 11 | -1 | 6 | -1 | 8 | -1 |
| 1342030 | 1.2 | -1 | 1.6 | 58.2 | 1 | 76 | 7 | 231 | 19 | -1 | -20.9 | -1 | 7 | -1 | 10 | -1 |
| 1342031 | 1.3 | -1 | 1.8 | 91.1 | 1.3 | 82 | 7 | 336 | 27 | -1 | 23 | -1 | 7 | -1 | 10 | -1 |
| 1342032 | 1.2 | -1 | 1.6 | 34.6 | 0.9 | 85 | 8 | 269 | 23 | -1 | -23 | -1 | 8 | -1 | 11 | -1 |
| 1342033 | 1.3 | -1 | 1.7 | 66.6 | 1.2 | 76 | 6 | 201 | 15 | -1 | -18.1 | -1 | 7 | -1 | 9 | -1 |
| 1342034 | 1.2 | -1 | 1.7 | 62.5 | 1.1 | 79 | 6 | 225 | 17 | -1 | -19.5 | -1 | 7 | -1 | 9 | -1 |
| 1342035 | 2.9 | -1 | 1.4 | 40.5 | 0.9 | 82 | 8 | 264 | 23 | -1 | 23 | -1 | 8 | -1 | 11 | -1 |
| 1342036 | 1.4 | -1 | 1.7 | 65.1 | 1.2 | 95 | 8 | 278 | 22 | -1 | -21.4 | -1 | 7 | -1 | 10 | -1 |
| 1342037 | 1.3 | -1 | 1.7 | 62.7 | 1.1 | 76 | 6 | 248 | 17 | -1 | -18.3 | -1 | 6 | -1 | 8 | -1 |
| 1342038 | 1.4 | -1 | 1.7 | 82.2 | 1.3 | 75 | 6 | 217 | 16 | -1 | -19.2 | -1 | 7 | -1 | 9 | -1 |
| 1342039 | 1.2 | -1 | 1.7 | 53.1 | 1 | 89 | 7 | 240 | 17 | -1 | -18.2 | -1 | 6 | -1 | 8 | -1 |
| 1342040 | 1.1 | -1 | 1.6 | 29.9 | 0.8 | 55 | 5 | 229 | 17 | -1 | 19 | -1 | 6 | -1 | 9 | -1 |
| 1342041 | 1.2 | -1 | 1.6 | 36.1 | 0.9 | 66 | 5 | 248 | 17 | -1 | -18.2 | -1 | 6 | -1 | 8 | -1 |
| 1342042 | 1.1 | -1 | 1.6 | 41.9 | 0.9 | 70 | 5 | 207 | 15 | -1 | 17 | -1 | 6 | -1 | 9 | -1 |
| 1342043 | 1.2 | -1 | 1.7 | 58 | 1.1 | 101 | 8 | 181 | 13 | -1 | -17.3 | -1 | 6 | -1 | 9 | -1 |
| 1342044 | 1.2 | -1 | 1.7 | 62.9 | 1.1 | 75 | 6 | 178 | 14 | -1 | 17 | -1 | 7 | -1 | 9 | -1 |
| 1342045 | 1.1 | -1 | 1.6 | 60.3 | 1.1 | 60 | 5 | 160 | 12 | -1 | 16 | -1 | 6 | -1 | 9 | -1 |
| 1342046 | 1.2 | -1 | 1.7 | 75.1 | 1.2 | 93 | 8 | 148 | 12 | -1 | 16 | -1 | 7 | -1 | 10 | -1 |
| 1342047 | 1.1 | -1 | 1.7 | 63.9 | 1.1 | 78 | 6 | 190 | 15 | -1 | -18.7 | -1 | 7 | -1 | 9 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1340482 | 14 | -1 | 18 | 259 | 13 | -1 | 13 | -1 | 3.7 | 20.3 | 1.5 | Soil | PASS | 90.49 |
| 1340483 | 14 | -1 | 18 | 472 | 18 | -1 | 18 | -1 | 4.2 | 27.4 | 1.8 | Soil | PASS | 88.09 |
| 1340484 | 15 | -1 | 20 | 284 | 14 | -1 | 14 | -1 | 3.6 | 18.9 | 1.5 | Soil | PASS | 90.74 |
| 1340485 | 14 | -1 | 18 | 217 | 12 | -1 | 14 | -1 | 3.9 | 19.2 | 1.5 | Soil | PASS | 88.37 |
| 1340486 | 12 | -1 | 16 | 421 | 16 | -1 | 15 | -1 | 3.9 | 13.8 | 1.5 | Soil | PASS | 88 |
| 1340487 | 22 | -1 | 29 | 316 | 21 | -1 | 17 | -1 | 4.5 | 11.1 | 1.7 | Soil | PASS | 91.76 |
| 1340488 | 13 | -1 | 17 | 299 | 12 | -1 | 14 | -1 | 3.9 | 14.2 | 1.4 | Soil | PASS | 87.97 |
| 1340489 | 17 | -1 | 23 | 567 | 20 | -1 | 14 | -1 | 3.8 | 14.4 | 1.5 | Soil | PASS | 90.92 |
| 1340490 | 13 | -1 | 18 | 455 | 19 | -1 | 14 | -1 | 3.6 | 9.3 | 1.3 | Soil | PASS | 88.3 |
| 1340491 | 16 | -1 | 21 | 821 | 34 | -1 | 13 | -1 | 3.4 | 15.3 | 1.4 | Soil | PASS | 90.49 |
| 1340492 | 16 | -1 | 20 | 337 | 15 | -1 | 13 | -1 | 3.7 | 20.9 | 1.5 | Soil | PASS | 90.39 |
| 1340493 | 18 | -1 | 24 | 334 | 17 | -1 | 14 | 5 | 1.4 | 26.5 | 1.7 | Soil | PASS | 91.06 |
| 1340494 | 13 | -1 | 17 | 363 | 16 | -1 | 14 | -1 | 3.7 | 18.9 | 1.5 | Soil | PASS | 90.42 |
| 1340495 | 14 | -1 | 18 | 328 | 16 | -1 | 13 | -1 | 3.8 | 18.8 | 1.5 | Soil | PASS | 90.32 |
| 1340496 | 16 | -1 | 21 | 1108 | 40 | -1 | 13 | -1 | 3.9 | 16.5 | 1.5 | Soil | PASS | 88.25 |
| 1340497 | 12 | -1 | 16 | 376 | 14 | -1 | 15 | -1 | 3.8 | 19 | 1.6 | Soil | PASS | 88.12 |
| 1340498 | 12 | -1 | 16 | 212 | 12 | -1 | 14 | -1 | 3.9 | 18.2 | 1.5 | Soil | PASS | 88.19 |
| 1340499 | 14 | -1 | 18 | 310 | 14 | -1 | 14 | -1 | 4 | 17 | 1.5 | Soil | PASS | 88.32 |
| 1340500 | 11 | -1 | 15 | 295 | 15 | -1 | 16 | -1 | 4.1 | 22.4 | 1.6 | Soil | PASS | 88.33 |
| 1342026 | 15 | -1 | 19 | 213 | 12 | -1 | 14 | -1 | 3.7 | 21.6 | 1.5 | Soil | PASS | 88.15 |
| 1342027 | 13 | -1 | 18 | 288 | 14 | -1 | 15 | -1 | 4 | 18.8 | 1.6 | Soil | PASS | 88.2 |
| 1342028 | 12 | -1 | 15 | 297 | 14 | -1 | 15 | -1 | 3.8 | 20.1 | 1.6 | Soil | PASS | 87.93 |
| 1342029 | 12 | -1 | 15 | 374 | 17 | -1 | 16 | -1 | 4.1 | 18.8 | 1.6 | Soil | PASS | 88.25 |
| 1342030 | 14 | -1 | 19 | 538 | 17 | -1 | 14 | -1 | 3.6 | 17.2 | 1.4 | Soil | PASS | 90.37 |
| 1342031 | 14 | -1 | 18 | 210 | 12 | -1 | 15 | -1 | 3.8 | 24.4 | 1.6 | Soil | PASS | 88.31 |
| 1342032 | 15 | -1 | 20 | 684 | 22 | -1 | 14 | -1 | 3.4 | 19.5 | 1.5 | Soil | PASS | 88.32 |
| 1342033 | 12 | -1 | 16 | 185 | 11 | -1 | 15 | -1 | 3.6 | 23.1 | 1.6 | Soil | PASS | 88.1 |
| 1342034 | 13 | -1 | 17 | 191 | 11 | -1 | 14 | -1 | 3.9 | 18.1 | 1.5 | Soil | PASS | 88.26 |
| 1342035 | 16 | -1 | 21 | 197 | 12 | -1 | 12 | -1 | 3.3 | 14.1 | 1.3 | Soil | PASS | 90.43 |
| 1342036 | 14 | -1 | 18 | 430 | 17 | -1 | 15 | -1 | 4.1 | 20.6 | 1.6 | Soil | PASS | 88.21 |
| 1342037 | 11 | -1 | 15 | 917 | 24 | -1 | 14 | -1 | 3.7 | 20.8 | 1.5 | Soil | PASS | 87.93 |
| 1342038 | 13 | -1 | 17 | 200 | 11 | -1 | 15 | -1 | 3.9 | 25.3 | 1.6 | Soil | PASS | 87.95 |
| 1342039 | 12 | -1 | 15 | 228 | 13 | -1 | 14 | -1 | 3.7 | 21.9 | 1.5 | Soil | PASS | 88.16 |
| 1342040 | 13 | -1 | 17 | 761 | 22 | -1 | 14 | -1 | 3.4 | 13.9 | 1.4 | Soil | PASS | 88.07 |
| 1342041 | 11 | -1 | 15 | 272 | 12 | -1 | 13 | -1 | 3.9 | 19.9 | 1.5 | Soil | PASS | 88.13 |
| 1342042 | 12 | -1 | 16 | 746 | 22 | -1 | 13 | -1 | 3.5 | 17.3 | 1.4 | Soil | PASS | 88.07 |
| 1342043 | 13 | -1 | 16 | 208 | 11 | -1 | 14 | -1 | 3.8 | 20.9 | 1.5 | Soil | PASS | 88.12 |
| 1342044 | 13 | -1 | 17 | 190 | 11 | -1 | 14 | -1 | 3.6 | 21.2 | 1.5 | Soil | PASS | 88.4 |
| 1342045 | 12 | -1 | 16 | 701 | 20 | -1 | 13 | -1 | 3.5 | 19.7 | 1.5 | Soil | PASS | 88.23 |
| 1342046 | 13 | -1 | 17 | 182 | 11 | -1 | 14 | -1 | 3.6 | 24.2 | 1.6 | Soil | PASS | 88.26 |
| 1342047 | 13 | -1 | 18 | 140 | 9 | -1 | 14 | -1 | 3.6 | 17.7 | 1.5 | Soil | PASS | 88.35 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1342048 | HES | 8 | 568666 | 7025719 | Chocolate Brown | Sand | Dry | Flat | 30 | C | Subalpine Fir |
| 1342049 | HES | 8 | 568686 | 7025724 | Chocolate Brown | Clay | Damp | Flat | 70 | B | Willows |
| 1342050 | HES | 8 | 568703 | 7025736 | Chocolate Brown | Sand | Dry | Subtle Slope | 30 | C | Poplar |
| 1355821 | HES | 8 | 569071 | 7025465 | Chocolate Brown | Silt | Dry | Subtle Slope | 60 | C | Poplar |
| 1355822 | HES | 8 | 569091 | 7025460 | Reddish Orange | Silt | Damp | Subtle Slope | 30 | C | Poplar |
| 1355823 | HES | 8 | 569108 | 7025450 | Reddish Orange | Silt | Damp | Subtle Slope | 30 | B | Pine |
| 1355824 | HES | 8 | 569365 | 7024763 | Reddish Yellow | Silt | Damp | Subtle Slope | 40 | C | Birch Forest |
| 1355825 | HES | 8 | 569365 | 7024763 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | C | Birch Forest |
| 1355826 | HES | 8 | 569128 | 7025448 | Reddish Orange | Sand | Damp | Subtle Slope | 50 | C | Pine |
| 1355827 | HES | 8 | 569147 | 7025440 | Chocolate Brown | Silt | Dry | Subtle Slope | 50 | C | Pine |
| 1355828 | HES | 8 | 569167 | 7025436 | Reddish Brown | Silt | Damp | Subtle Slope | 30 | B | Pine |
| 1355829 | HES | 8 | 569187 | 7025430 | Reddish Brown | Silt | Damp | Subtle Slope | 40 | B | Pine |
| 1355830 | HES | 8 | 569203 | 7025419 | Chocolate Brown | Silt | Damp | Flat | 50 | B | Pine |
| 1355831 | HES | 8 | 569221 | 7025409 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Pine |
| 1355832 | HES | 8 | 569219 | 7025389 | Reddish Brown | Silt | Damp | Subtle Slope | 30 | B | Pine |
| 1355833 | HES | 8 | 569240 | 7025386 | Chocolate Brown | Sand | Damp | Subtle Slope | 90 | B | Pine |
| 1355834 | HES | 8 | 569257 | 7025377 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Poplar |
| 1355835 | HES | 8 | 569274 | 7025367 | Chocolate Brown | Silt | Damp | Subtle Slope | 50 | B | Pine |
| 1355836 | HES | 8 | 569285 | 7025351 | Reddish Orange | Sand | Dry | Subtle Slope | 40 | C | Pine |
| 1355837 | HES | 8 | 569302 | 7025339 | Reddish Orange | Sand | Damp | Subtle Slope | 20 | C | Pine |
| 1355838 | HES | 8 | 569224 | 7025297 | Chocolate Brown | Gravel | Damp | Subtle Slope | 30 | C | Pine |
| 1355839 | HES | 8 | 569243 | 7025291 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Pine |
| 1355840 | HES | 8 | 569261 | 7025282 | Reddish Brown | Silt | Damp | Subtle Slope | 30 | B | Pine |
| 1355841 | HES | 8 | 569280 | 7025276 | Chocolate Brown | Silt | Damp | Flat | 30 | B | Pine |
| 1355842 | HES | 8 | 569298 | 7025287 | Dark Brown | Sand | Dry | Subtle Slope | 50 | C | Pine |
| 1355843 | HES | 8 | 569319 | 7025279 | Dark Brown | Sand | Dry | Subtle Slope | 40 | C | Pine |
| 1355844 | HES | 8 | 569337 | 7025269 | Chocolate Brown | Silt | Dry | Subtle Slope | 40 | B | Pine |
| 1355845 | HES | 8 | 569354 | 7025261 | Reddish Brown | Silt | Damp | Subtle Slope | 20 | B | Pine |
| 1355846 | HES | 8 | 569374 | 7025252 | Reddish Orange | Silt | Damp | Subtle Slope | 40 | B | Pine |
| 1355847 | HES | 8 | 569392 | 7025243 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Pine |
| 1355848 | HES | 8 | 569412 | 7025237 | Reddish Brown | Silt | Damp | Subtle Slope | 20 | B | Pine |
| 1355849 | HES | 8 | 569424 | 7025220 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | C | Pine |
| 1355850 | HES | 8 | 569222 | 7024913 | Chocolate Brown | Silt | Damp | Subtle Slope | 20 | B | Poplar |
| 1355852 | HES | 8 | 569237 | 7024899 | Chocolate Brown | Sand | Dry | Subtle Slope | 20 | C | Black Spruce |
| 1355853 | HES | 8 | 569252 | 7024886 | Chocolate Brown | Sand | Dry | Subtle Slope | 40 | C | Black Spruce |
| 1355854 | HES | 8 | 569272 | 7024878 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Pine |
| 1355855 | HES | 8 | 569283 | 7024861 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Poplar |
| 1355856 | HES | 8 | 569292 | 7024842 | Reddish Brown | Sand | Dry | Subtle Slope | 20 | C | Poplar |
| 1355857 | HES | 8 | 569310 | 7024831 | Chocolate Brown | Sand | Dry | Subtle Slope | 40 | C | Poplar |
| 1355858 | HES | 8 | 569328 | 7024821 | Chocolate Brown | Sand | Dry | Subtle Slope | 40 | C | Dwarf Birch |
| 1355859 | HES | 8 | 569342 | 7024806 | Reddish Brown | Sand | Damp | Subtle Slope | 20 | C | Poplar |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1342048 | Leaf Cover | Good | Rocky | | |
| 1342049 | Reindeer Moss | Good | Rocky | | |
| 1342050 | Leaf Cover | Excellent | Rocky | | |
| 1355821 | Thin Moss Cover | Excellent | Coarse | | and greyish green; very soapy texture |
| 1355822 | Thin Moss Cover | Good | Coarse | Rocky Terrain | |
| 1355823 | Thin Moss Cover | Good | Rocky Terrain | | |
| 1355824 | Thin Moss Cover | Good | Coarse | Outcrop Nearby | below outcrop |
| 1355825 | Thin Moss Cover | Good | Coarse | Outcrop Nearby | below outcrop |
| 1355826 | Thin Moss Cover | Good | Fine | | |
| 1355827 | Thin Moss Cover | Good | Coarse | Rocky Terrain | |
| 1355828 | Thin Moss Cover | Good | Coarse | Quartz Chips | |
| 1355829 | Thin Moss Cover | Good | Outcrop Nearby | | |
| 1355830 | Thin Moss Cover | Good | | | |
| 1355831 | Thin Moss Cover | Good | Rocky Terrain | | |
| 1355832 | Reindeer Moss | Good | Outcrop Nearby | | |
| 1355833 | Thin Moss Cover | Good | Fine | | |
| 1355834 | Thin Moss Cover | Good | | | |
| 1355835 | Thin Moss Cover | Good | Quartz Chips | | |
| 1355836 | Thin Moss Cover | Excellent | Coarse | Outcrop Nearby | |
| 1355837 | Thin Moss Cover | Excellent | Coarse | Rocky Terrain | quartz chips, some with red stain |
| 1355838 | Needle Cover | Excellent | Rocky Sample | Rocky Terrain | |
| 1355839 | Reindeer Moss | Good | Coarse | Rocky Terrain | |
| 1355840 | Reindeer Moss | Good | Rocky Terrain | Outcrop Nearby | |
| 1355841 | Thin Moss Cover | Good | Coarse | | |
| 1355842 | Leaf Cover | Excellent | Fine | | very greasy, sample site at base of spine |
| 1355843 | Thin Moss Cover | Excellent | Coarse | Dull Red Rust | below outcrop |
| 1355844 | Needle Cover | Good | | | |
| 1355845 | Bare Soil | Good | Coarse | Rocky Terrain | |
| 1355846 | Needle Cover | Good | Sandy | Outcrop Nearby | below outcrop |
| 1355847 | Sphagnum Moss < 30cm | Good | Coarse | Quartz Chips | sample from base of rusty quartz vein |
| 1355848 | Thin Moss Cover | Good | Rocky Terrain | Outcrop Nearby | |
| 1355849 | Thin Moss Cover | Good | Coarse | Outcrop Nearby | quartz chips; below outcrop |
| 1355850 | Sphagnum Moss < 30cm | Good | Coarse | Rocky Terrain | quartz chips |
| 1355852 | Thin Moss Cover | Excellent | Coarse | Rocky Terrain | |
| 1355853 | Leaf Cover | Excellent | Coarse | Rocky Terrain | |
| 1355854 | Needle Cover | Good | Coarse | Rocky Terrain | |
| 1355855 | Leaf Cover | Good | Coarse | Quartz Chips | |
| 1355856 | Leaf Cover | Excellent | Coarse | Rocky Terrain | |
| 1355857 | Reindeer Moss | Excellent | Coarse | Rocky Terrain | |
| 1355858 | Leaf Cover | Excellent | Coarse | Rocky Terrain | |
| 1355859 | Thin Moss Cover | Excellent | Coarse | Quartz Chips | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1342048 | | 1342048 | -1 | 3183 | 1627 | 207 | -1 | 167 | 881 | 42 | 2921 | 48 | 1398 | 30 |
| 1342049 | | 1342049 | -1 | 4012 | 1722 | 266 | -1 | 245 | 3452 | 82 | 4192 | 67 | 4405 | 59 |
| 1342050 | | 1342050 | -1 | 3499 | 1052 | 210 | -1 | 192 | 1144 | 48 | 2697 | 49 | 2573 | 42 |
| 1355821 | | 1355821 | -1 | 3689 | 1034 | 209 | -1 | 194 | 9740 | 116 | 2484 | 49 | 1949 | 36 |
| 1355822 | | 1355822 | -1 | 3542 | 1241 | 216 | -1 | 191 | 3486 | 72 | 1580 | 41 | 1296 | 33 |
| 1355823 | | 1355823 | -1 | 3821 | 1514 | 240 | -1 | 218 | 4019 | 80 | 2539 | 50 | 2832 | 46 |
| 1355824 | | 1355824 | -1 | 3942 | 967 | 234 | -1 | 217 | 2086 | 66 | 1298 | 41 | 2068 | 42 |
| 1355825 | 1355824 | 1355825 | -1 | 2946 | 1086 | 177 | -1 | 182 | 3216 | 61 | 1839 | 38 | 6693 | 61 |
| 1355826 | | 1355826 | -1 | 3554 | 1537 | 226 | 247 | 69 | 2499 | 63 | 3014 | 52 | 2816 | 43 |
| 1355827 | | 1355827 | -1 | 4020 | 1346 | 247 | -1 | 216 | 3943 | 85 | 2767 | 55 | 1329 | 36 |
| 1355828 | | 1355828 | -1 | 4500 | 1506 | 273 | -1 | 250 | 6754 | 113 | 4499 | 71 | 2170 | 46 |
| 1355829 | | 1355829 | -1 | 3332 | 1037 | 202 | -1 | 181 | 1319 | 50 | 1840 | 42 | 950 | 28 |
| 1355830 | | 1355830 | -1 | 3426 | 1328 | 207 | -1 | 176 | 2670 | 62 | 3541 | 54 | 867 | 27 |
| 1355831 | | 1355831 | -1 | 4057 | 2470 | 281 | -1 | 232 | 6161 | 102 | 1900 | 48 | 2339 | 48 |
| 1355832 | | 1355832 | -1 | 3868 | 1459 | 242 | -1 | 213 | 2602 | 70 | 2220 | 49 | 2458 | 45 |
| 1355833 | | 1355833 | -1 | 3451 | 1610 | 230 | -1 | 198 | 2628 | 65 | 3218 | 54 | 1966 | 38 |
| 1355834 | | 1355834 | -1 | 3635 | 1795 | 235 | -1 | 190 | 3638 | 73 | 3666 | 57 | 1404 | 34 |
| 1355835 | | 1355835 | -1 | 3148 | 1003 | 197 | -1 | 185 | 2753 | 62 | 1421 | 38 | 3014 | 43 |
| 1355836 | | 1355836 | -1 | 4573 | 1961 | 288 | -1 | 246 | 9395 | 131 | 2799 | 59 | 2570 | 51 |
| 1355837 | | 1355837 | -1 | 5690 | 1711 | 320 | -1 | 424 | 4129 | 88 | 12950 | 120 | 51370 | 316 |
| 1355838 | | 1355838 | -1 | 3463 | 1128 | 209 | -1 | 183 | 7270 | 101 | 2501 | 49 | 1852 | 36 |
| 1355839 | | 1355839 | -1 | 3887 | 1700 | 246 | -1 | 212 | 4718 | 86 | 3030 | 55 | 2184 | 42 |
| 1355840 | | 1355840 | -1 | 3387 | 767 | 201 | -1 | 190 | 1758 | 56 | 1522 | 40 | 2213 | 39 |
| 1355841 | | 1355841 | -1 | 3018 | 860 | 184 | -1 | 166 | 3514 | 68 | 1057 | 34 | 1812 | 33 |
| 1355842 | | 1355842 | -1 | 5553 | 1451 | 302 | -1 | 416 | 4306 | 86 | 12127 | 112 | 49416 | 298 |
| 1355843 | | 1355843 | -1 | 7096 | 1729 | 432 | -1 | 386 | 11879 | 189 | 4203 | 89 | 3594 | 80 |
| 1355844 | | 1355844 | -1 | 3491 | 1506 | 216 | 258 | 65 | 2162 | 57 | 2838 | 49 | 2093 | 37 |
| 1355845 | | 1355845 | -1 | 3604 | 1540 | 236 | -1 | 200 | 1822 | 59 | 3377 | 56 | 2815 | 45 |
| 1355846 | | 1355846 | -1 | 5310 | 1370 | 327 | -1 | 360 | 5859 | 112 | 4570 | 77 | 13837 | 130 |
| 1355847 | | 1355847 | -1 | 3650 | 1542 | 233 | 244 | 71 | 2861 | 69 | 1838 | 44 | 2311 | 41 |
| 1355848 | | 1355848 | -1 | 3237 | 1008 | 195 | -1 | 175 | 2111 | 57 | 1464 | 38 | 1591 | 33 |
| 1355849 | | 1355849 | -1 | 3446 | 1195 | 218 | -1 | 191 | 4713 | 85 | 1966 | 45 | 2705 | 43 |
| 1355850 | | 1355850 | -1 | 3012 | 1142 | 183 | -1 | 157 | 5839 | 82 | 1642 | 38 | 1125 | 27 |
| 1355852 | | 1355852 | -1 | 4416 | 1994 | 288 | -1 | 241 | 4584 | 94 | 4396 | 70 | 1779 | 43 |
| 1355853 | | 1355853 | -1 | 4911 | 1867 | 298 | -1 | 258 | 7171 | 119 | 4231 | 71 | 2043 | 47 |
| 1355854 | | 1355854 | -1 | 3450 | 1205 | 212 | -1 | 186 | 2037 | 58 | 2461 | 47 | 1513 | 35 |
| 1355855 | | 1355855 | -1 | 3871 | 1314 | 238 | -1 | 207 | 4464 | 83 | 4155 | 62 | 1893 | 41 |
| 1355856 | | 1355856 | -1 | 3803 | 1758 | 250 | -1 | 208 | 3587 | 78 | 2971 | 54 | 1380 | 36 |
| 1355857 | | 1355857 | -1 | 3435 | 1089 | 203 | -1 | 178 | 2845 | 64 | 2551 | 47 | 899 | 28 |
| 1355858 | | 1355858 | -1 | 3952 | 1896 | 258 | -1 | 217 | 4851 | 89 | 3361 | 58 | 1664 | 39 |
| 1355859 | | 1355859 | -1 | 3375 | 1758 | 223 | 265 | 65 | 1900 | 54 | 2572 | 47 | 1718 | 35 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1342048 | 17 | 2 | 123 | 3 | 11109 | 71 | 286 | 19 | -1 | 14 | 27 | 2 | 69 | 2 | 7 |
| 1342049 | 24 | 3 | 154 | 4 | 13884 | 82 | 252 | 20 | -1 | 14 | 23 | 2 | 45 | 2 | 8.5 |
| 1342050 | 34 | 3 | 73 | 3 | 15815 | 95 | 463 | 23 | -1 | 15 | 15 | 2 | 46 | 2 | 3.8 |
| 1355821 | 35 | 3 | 97 | 3 | 18707 | 110 | 399 | 25 | -1 | 15 | 17 | 2 | 66 | 2 | 8.5 |
| 1355822 | 26 | 3 | 93 | 3 | 16920 | 100 | 425 | 24 | -1 | 15 | 16 | 2 | 34.9 | 2 | 9.4 |
| 1355823 | 48 | 4 | 107 | 4 | 18133 | 107 | 356 | 24 | -1 | 16 | 39 | 3 | 54 | 2 | 12.1 |
| 1355824 | 23 | 3 | 67 | 4 | 23001 | 124 | 627 | 27 | -1 | 14 | 30 | 2 | 25.5 | 2 | -1 |
| 1355825 | -1 | 6 | 45 | 2 | 6718 | 49 | 246 | 15 | -1 | 12 | 12 | 2 | 48 | 2 | -1 |
| 1355826 | 34 | 3 | 96 | 3 | 15671 | 95 | 362 | 23 | -1 | 14 | 34 | 3 | 39 | 2 | 13.1 |
| 1355827 | 22 | 3 | 210 | 5 | 15528 | 87 | 326 | 21 | -1 | 13 | 22 | 2 | 30.4 | 2 | 9.1 |
| 1355828 | 46 | 4 | 145 | 5 | 22550 | 124 | 428 | 26 | -1 | 16 | 26 | 2 | 53 | 2 | 15.9 |
| 1355829 | 18 | 3 | 73 | 3 | 12675 | 79 | 350 | 20 | -1 | 14 | 10 | 2 | 30.1 | 2 | 9.1 |
| 1355830 | 22 | 3 | 154 | 4 | 15880 | 95 | 407 | 23 | -1 | 15 | 30 | 3 | 52 | 2 | 12.8 |
| 1355831 | 53 | 4 | 196 | 5 | 20824 | 121 | 283 | 26 | -1 | 16 | 16 | 2 | 51 | 2 | 13.1 |
| 1355832 | 30 | 3 | 102 | 4 | 16745 | 94 | 314 | 22 | -1 | 14 | 20 | 2 | 51 | 2 | 12.8 |
| 1355833 | 26 | 3 | 195 | 4 | 17404 | 104 | 397 | 24 | -1 | 17 | 46 | 3 | 87 | 3 | 13.6 |
| 1355834 | 31 | 3 | 191 | 4 | 17798 | 104 | 350 | 24 | -1 | 16 | 27 | 3 | 62 | 2 | 13.1 |
| 1355835 | 36 | 3 | 226 | 4 | 14957 | 91 | 371 | 22 | -1 | 15 | 42 | 3 | 53 | 2 | 14.7 |
| 1355836 | 55 | 5 | 272 | 6 | 28080 | 161 | 397 | 31 | 19 | 6 | 35 | 3 | 64 | 3 | 166 |
| 1355837 | -1 | 12 | 74 | 3 | 19223 | 112 | 475 | 25 | -1 | 15 | 12 | 2 | 64 | 2 | 8.6 |
| 1355838 | 34 | 3 | 93 | 3 | 11484 | 73 | 117 | 18 | -1 | 13 | -1 | 6 | 25.4 | 2 | 9.1 |
| 1355839 | 37 | 4 | 310 | 5 | 20875 | 121 | 452 | 26 | -1 | 16 | 35 | 3 | 45 | 2 | 9.1 |
| 1355840 | 26 | 3 | 99 | 3 | 16796 | 92 | 509 | 22 | -1 | 14 | 20 | 2 | 43.4 | 2 | 10.5 |
| 1355841 | 23 | 3 | 62 | 3 | 12239 | 76 | 357 | 20 | -1 | 14 | 23 | 2 | 37.4 | 2 | 7.4 |
| 1355842 | -1 | 12 | 50 | 3 | 18971 | 112 | 525 | 25 | -1 | 15 | 13 | 2 | 51 | 2 | -1 |
| 1355843 | 65 | 8 | 344 | 9 | 96899 | 515 | 781 | 58 | -1 | 26 | 64 | 4 | 73 | 3 | 11 |
| 1355844 | 29 | 3 | 102 | 3 | 18100 | 106 | 379 | 24 | -1 | 16 | 38 | 3 | 50 | 2 | 14.9 |
| 1355845 | 36 | 3 | 86 | 3 | 17609 | 96 | 421 | 22 | -1 | 14 | 17 | 2 | 45.2 | 2 | 14.1 |
| 1355846 | 26 | 5 | 131 | 5 | 39224 | 199 | 556 | 33 | 20 | 6 | 42 | 3 | 69 | 2 | 20.7 |
| 1355847 | 27 | 3 | 71 | 3 | 16742 | 92 | 312 | 21 | -1 | 13 | 13 | 2 | 27.6 | 2 | 7.6 |
| 1355848 | 23 | 3 | 67 | 3 | 13283 | 82 | 434 | 21 | -1 | 14 | 19 | 2 | 30.9 | 2 | 6.3 |
| 1355849 | 32 | 3 | 79 | 3 | 14876 | 83 | 375 | 20 | -1 | 13 | 15 | 2 | 42.8 | 2 | 6.4 |
| 1355850 | 16 | 2 | 152 | 3 | 12037 | 76 | 313 | 20 | -1 | 14 | 11 | 2 | 48 | 2 | 7.5 |
| 1355852 | 39 | 4 | 208 | 5 | 31098 | 163 | 492 | 30 | -1 | 17 | 31 | 3 | 56 | 2 | 15.5 |
| 1355853 | 45 | 4 | 204 | 5 | 28151 | 157 | 333 | 30 | -1 | 18 | 30 | 3 | 61 | 2 | 20.8 |
| 1355854 | 30 | 3 | 121 | 4 | 14364 | 88 | 296 | 21 | -1 | 14 | 8 | 2 | 39.7 | 2 | 8.7 |
| 1355855 | 33 | 4 | 187 | 5 | 20793 | 120 | 325 | 26 | -1 | 16 | 19 | 2 | 64 | 2 | 16.8 |
| 1355856 | 31 | 4 | 156 | 4 | 21739 | 125 | 316 | 26 | -1 | 15 | 19 | 2 | 57 | 2 | 7.4 |
| 1355857 | 15 | 3 | 127 | 4 | 18111 | 106 | 409 | 24 | -1 | 15 | 21 | 2 | 53 | 2 | 8.6 |
| 1355858 | 35 | 4 | 208 | 5 | 21909 | 126 | 302 | 26 | -1 | 16 | 13 | 2 | 69 | 2 | 13.7 |
| 1355859 | 25 | 3 | 143 | 4 | 16737 | 99 | 360 | 23 | -1 | 14 | 14 | 2 | 41.5 | 2 | 10.2 |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1342048 | 1.2 | -1 | 1.7 | 69.1 | 1.2 | 68 | 6 | 222 | 17 | -1 | 18 | -1 | 6 | -1 | 9 | -1 |
| 1342049 | 1.2 | -1 | 1.7 | 67.8 | 1.1 | 88 | 9 | 196 | 19 | -1 | -23.3 | -1 | 9 | -1 | 12 | -1 |
| 1342050 | 1.2 | -1 | 1.7 | 121.1 | 1.6 | 122 | 11 | 206 | 18 | -1 | -21.3 | -1 | 8 | -1 | 11 | -1 |
| 1355821 | 1.2 | -1 | 1.8 | 135.8 | 1.7 | 112 | 8 | 210 | 15 | 18 | 6 | -1 | 6 | -1 | 9 | -1 |
| 1355822 | 1.2 | -1 | 1.7 | 72.9 | 1.2 | 60 | 5 | 253 | 19 | -1 | 19 | -1 | 6 | -1 | 9 | -1 |
| 1355823 | 1.3 | -1 | 1.8 | 69.2 | 1.2 | 67 | 6 | 198 | 15 | -1 | -18.1 | -1 | 6 | -1 | 9 | -1 |
| 1355824 | 3.5 | -1 | 1.6 | 107.7 | 1.4 | 86 | 8 | 208 | 19 | -1 | -22.6 | -1 | 8 | -1 | 11 | -1 |
| 1355825 | 3.4 | -1 | 1.6 | 80.1 | 1.2 | 85 | 7 | 214 | 17 | -1 | 19 | -1 | 7 | -1 | 10 | -1 |
| 1355826 | 1.4 | -1 | 1.8 | 73.8 | 1.2 | 72 | 6 | 227 | 18 | -1 | 19 | -1 | 7 | -1 | 9 | -1 |
| 1355827 | 1.2 | -1 | 1.6 | 63.3 | 1.1 | 55 | 5 | 194 | 17 | -1 | 20 | -1 | 8 | -1 | 11 | -1 |
| 1355828 | 1.3 | -1 | 1.8 | 129.4 | 1.6 | 103 | 9 | 218 | 19 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1355829 | 1.2 | -1 | 1.7 | 63.7 | 1.1 | 53 | 5 | 187 | 15 | -1 | -18.1 | -1 | 7 | -1 | 9 | -1 |
| 1355830 | 1.3 | -1 | 1.7 | 75.5 | 1.2 | 70 | 6 | 218 | 16 | -1 | -18.8 | -1 | 7 | -1 | 9 | -1 |
| 1355831 | 1.3 | -1 | 1.8 | 67.3 | 1.2 | 92 | 8 | 251 | 20 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1355832 | 1.3 | -1 | 1.6 | 55.9 | 1 | 60 | 6 | 216 | 19 | -1 | 21 | -1 | 8 | -1 | 11 | -1 |
| 1355833 | 1.4 | -1 | 1.8 | 86.5 | 1.3 | 64 | 5 | 219 | 16 | -1 | 18 | -1 | 6 | -1 | 8 | -1 |
| 1355834 | 1.3 | -1 | 1.7 | 84.2 | 1.3 | 61 | 5 | 193 | 14 | -1 | 17 | -1 | 6 | -1 | 8 | -1 |
| 1355835 | 1.3 | -1 | 1.8 | 84.7 | 1.3 | 64 | 5 | 198 | 14 | -1 | -16.9 | -1 | 6 | -1 | 8 | -1 |
| 1355836 | 3 | -1 | 2.3 | 138.7 | 1.8 | 159 | 13 | 678 | 55 | -1 | 32 | -1 | 7 | -1 | 10 | -1 |
| 1355837 | 1.3 | -1 | 1.8 | 59.6 | 1.1 | 49 | 4 | 178 | 14 | -1 | 17 | -1 | 6 | -1 | 9 | -1 |
| 1355838 | 1.1 | -1 | 1.8 | 70.7 | 1.2 | 67 | 6 | 311 | 23 | -1 | 21 | -1 | 7 | -1 | 9 | -1 |
| 1355839 | 1.4 | -1 | 1.8 | 94.5 | 1.4 | 95 | 9 | 242 | 21 | -1 | -22.4 | -1 | 8 | -1 | 11 | -1 |
| 1355840 | 1.2 | -1 | 1.6 | 61 | 1.1 | 77 | 7 | 224 | 18 | -1 | -20.4 | -1 | 7 | -1 | 10 | -1 |
| 1355841 | 1.3 | -1 | 1.7 | 76 | 1.2 | 69 | 6 | 179 | 14 | -1 | -18.7 | -1 | 7 | -1 | 9 | -1 |
| 1355842 | 3.4 | -1 | 1.8 | 150.1 | 1.8 | 125 | 10 | 178 | 14 | -1 | -18.5 | -1 | 7 | -1 | 9 | -1 |
| 1355843 | 1.8 | -1 | 2.2 | 117.9 | 1.7 | 87 | 8 | 320 | 28 | -1 | -26.5 | -1 | 8 | -1 | 11 | -1 |
| 1355844 | 1.4 | -1 | 1.8 | 83.6 | 1.3 | 89 | 8 | 255 | 20 | -1 | -20.9 | -1 | 7 | -1 | 10 | -1 |
| 1355845 | 1.2 | -1 | 1.6 | 102.1 | 1.3 | 102 | 9 | 196 | 16 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1355846 | 1.5 | -1 | 1.8 | 75.2 | 1.2 | 57 | 5 | 167 | 14 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |
| 1355847 | 1.1 | -1 | 1.6 | 53.7 | 1 | 60 | 5 | 245 | 20 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1355848 | 1.2 | -1 | 1.7 | 70.7 | 1.2 | 72 | 6 | 230 | 19 | -1 | -21.4 | -1 | 8 | -1 | 11 | -1 |
| 1355849 | 1.1 | -1 | 1.6 | 113.4 | 1.4 | 100 | 9 | 287 | 23 | -1 | 22 | -1 | 7 | -1 | 10 | -1 |
| 1355850 | 1.2 | -1 | 1.7 | 50.4 | 1 | 101 | 8 | 287 | 22 | -1 | -21.1 | -1 | 7 | -1 | 10 | -1 |
| 1355852 | 1.4 | -1 | 1.7 | 95.2 | 1.4 | 114 | 11 | 215 | 20 | -1 | 23 | -1 | 8 | -1 | 12 | -1 |
| 1355853 | 1.4 | -1 | 1.8 | 98.1 | 1.4 | 107 | 10 | 195 | 17 | -1 | -20.9 | -1 | 8 | -1 | 11 | -1 |
| 1355854 | 1.2 | -1 | 1.8 | 53 | 1.1 | 77 | 6 | 280 | 21 | -1 | -20.6 | -1 | 7 | -1 | 9 | -1 |
| 1355855 | 1.4 | -1 | 1.7 | 67.4 | 1.2 | 96 | 8 | 270 | 21 | -1 | -21.4 | -1 | 8 | -1 | 10 | -1 |
| 1355856 | 1.3 | -1 | 1.8 | 58.7 | 1.1 | 95 | 8 | 376 | 31 | -1 | 25 | -1 | 7 | -1 | 11 | -1 |
| 1355857 | 1.3 | -1 | 1.7 | 89.1 | 1.3 | 86 | 7 | 196 | 16 | -1 | -19.4 | -1 | 8 | -1 | 10 | -1 |
| 1355858 | 1.3 | -1 | 1.7 | 70.6 | 1.2 | 65 | 5 | 193 | 14 | -1 | 17 | -1 | 6 | -1 | 8 | -1 |
| 1355859 | 1.2 | -1 | 1.7 | 51.9 | 1.1 | 74 | 6 | 244 | 19 | -1 | 19 | -1 | 7 | -1 | 9 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1342048 | 12 | -1 | 16 | 156 | 11 | -1 | 14 | -1 | 4 | 18.7 | 1.5 | Soil | PASS | 88.39 |
| 1342049 | 17 | -1 | 23 | 288 | 18 | -1 | 14 | -1 | 3.7 | 19.4 | 1.5 | Soil | PASS | 90.81 |
| 1342050 | 16 | -1 | 20 | 239 | 14 | -1 | 14 | -1 | 3.9 | 20.5 | 1.6 | Soil | PASS | 88.35 |
| 1355821 | 12 | -1 | 15 | 255 | 13 | -1 | 14 | -1 | 3.9 | 17.9 | 1.6 | Soil | PASS | 88.11 |
| 1355822 | 12 | -1 | 16 | 221 | 12 | -1 | 14 | -1 | 3.8 | 15.8 | 1.5 | Soil | PASS | 88.21 |
| 1355823 | 12 | -1 | 16 | 340 | 16 | -1 | 15 | -1 | 3.9 | 18.5 | 1.6 | Soil | PASS | 88.19 |
| 1355824 | 16 | -1 | 20 | 199 | 14 | -1 | 14 | -1 | 3.8 | 23.7 | 1.6 | Soil | PASS | 90.78 |
| 1355825 | 14 | -1 | 19 | 607 | 18 | -1 | 13 | -1 | 3.4 | 26 | 1.6 | Soil | PASS | 88.43 |
| 1355826 | 13 | -1 | 17 | 255 | 14 | -1 | 15 | 4.4 | 1.4 | 30.1 | 1.7 | Soil | PASS | 88.44 |
| 1355827 | 14 | -1 | 19 | 209 | 13 | -1 | 14 | -1 | 3.4 | 21.5 | 1.5 | Soil | PASS | 90.49 |
| 1355828 | 14 | -1 | 18 | 356 | 17 | -1 | 15 | -1 | 4 | 23.6 | 1.6 | Soil | PASS | 90.63 |
| 1355829 | 13 | -1 | 17 | 179 | 11 | -1 | 14 | -1 | 3.7 | 21 | 1.6 | Soil | PASS | 88.36 |
| 1355830 | 12 | -1 | 16 | 201 | 11 | -1 | 15 | -1 | 4 | 21.8 | 1.6 | Soil | PASS | 88.25 |
| 1355831 | 14 | -1 | 18 | 549 | 18 | -1 | 15 | -1 | 3.8 | 18.5 | 1.6 | Soil | PASS | 88.36 |
| 1355832 | 14 | -1 | 19 | 315 | 16 | -1 | 14 | -1 | 3.7 | 24.9 | 1.5 | Soil | PASS | 90.6 |
| 1355833 | 11 | -1 | 15 | 250 | 13 | -1 | 16 | -1 | 4 | 23.3 | 1.6 | Soil | PASS | 88.13 |
| 1355834 | 12 | -1 | 15 | 267 | 13 | -1 | 15 | -1 | 4 | 20.4 | 1.6 | Soil | PASS | 88.35 |
| 1355835 | 11 | -1 | 14 | 273 | 14 | -1 | 15 | -1 | 3.7 | 21.9 | 1.6 | Soil | PASS | 88.07 |
| 1355836 | 14 | -1 | 18 | 515 | 19 | -1 | 23 | -1 | 4.6 | 49 | 2 | Soil | PASS | 88.29 |
| 1355837 | 12 | -1 | 16 | 1242 | 46 | -1 | 15 | -1 | 4 | 21.5 | 1.6 | Soil | PASS | 88.41 |
| 1355838 | 13 | -1 | 17 | 304 | 13 | -1 | 14 | -1 | 3.6 | 8.1 | 1.3 | Soil | PASS | 88.28 |
| 1355839 | 16 | -1 | 21 | 292 | 15 | -1 | 15 | -1 | 4 | 33.9 | 1.8 | Soil | PASS | 88.47 |
| 1355840 | 14 | -1 | 18 | 180 | 13 | -1 | 14 | -1 | 3.6 | 18.8 | 1.4 | Soil | PASS | 90.45 |
| 1355841 | 13 | -1 | 17 | 182 | 11 | -1 | 14 | -1 | 3.7 | 25.9 | 1.6 | Soil | PASS | 88.17 |
| 1355842 | 13 | -1 | 16 | 1496 | 45 | -1 | 15 | -1 | 4.1 | 17.4 | 1.6 | Soil | PASS | 88.13 |
| 1355843 | 15 | -1 | 19 | 540 | 30 | -1 | 18 | -1 | 4.7 | 35 | 3 | Soil | PASS | 90.25 |
| 1355844 | 14 | -1 | 18 | 243 | 13 | -1 | 15 | -1 | 4.1 | 24.1 | 1.6 | Soil | PASS | 88.07 |
| 1355845 | 14 | -1 | 18 | 279 | 15 | -1 | 14 | -1 | 3.7 | 19.1 | 1.5 | Soil | PASS | 90.39 |
| 1355846 | 13 | -1 | 17 | 751 | 32 | -1 | 15 | -1 | 3.9 | 29.9 | 1.8 | Soil | PASS | 90.16 |
| 1355847 | 14 | -1 | 18 | 256 | 14 | -1 | 13 | -1 | 3.5 | 16.5 | 1.4 | Soil | PASS | 90.26 |
| 1355848 | 15 | -1 | 19 | 185 | 12 | -1 | 14 | -1 | 3.5 | 21.7 | 1.6 | Soil | PASS | 88.39 |
| 1355849 | 14 | -1 | 18 | 237 | 14 | -1 | 14 | -1 | 3.6 | 20.7 | 1.5 | Soil | PASS | 90.28 |
| 1355850 | 14 | -1 | 18 | 218 | 10 | -1 | 14 | -1 | 3.8 | 22 | 1.5 | Soil | PASS | 88.18 |
| 1355852 | 16 | -1 | 21 | 278 | 16 | -1 | 15 | 4.1 | 1.3 | 25.5 | 1.7 | Soil | PASS | 90.7 |
| 1355853 | 15 | -1 | 20 | 357 | 18 | -1 | 15 | -1 | 3.6 | 19.9 | 1.7 | Soil | PASS | 88.35 |
| 1355854 | 13 | -1 | 17 | 317 | 13 | -1 | 14 | -1 | 3.8 | 14.5 | 1.5 | Soil | PASS | 88.24 |
| 1355855 | 14 | -1 | 18 | 397 | 16 | -1 | 15 | -1 | 3.9 | 22.3 | 1.6 | Soil | PASS | 88.23 |
| 1355856 | 14 | -1 | 19 | 283 | 14 | -1 | 14 | -1 | 3.9 | 20.4 | 1.6 | Soil | PASS | 88.25 |
| 1355857 | 15 | -1 | 19 | 166 | 11 | -1 | 15 | -1 | 4 | 23.6 | 1.6 | Soil | PASS | 88.2 |
| 1355858 | 12 | -1 | 15 | 287 | 15 | -1 | 14 | -1 | 3.8 | 16.6 | 1.5 | Soil | PASS | 88.24 |
| 1355859 | 13 | -1 | 17 | 222 | 12 | -1 | 15 | -1 | 3.6 | 16 | 1.5 | Soil | PASS | 88.36 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355860 | HES | 8 | 569359 | 7024795 | Chocolate Brown | Gravel | Damp | Subtle Slope | 50 | C | Pine |
| 1355861 | HES | 8 | 569345 | 7024768 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Dwarf Birch |
| 1355862 | HES | 8 | 569085 | 7025084 | Reddish Brown | Sand | Wet | Subtle Slope | 30 | B | Pine |
| 1355863 | HES | 8 | 569071 | 7025100 | Chocolate Brown | Silt | Damp | Subtle Slope | 60 | B | Pine |
| 1355864 | HES | 8 | 569056 | 7025115 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Pine |
| 1355865 | HES | 8 | 569041 | 7025131 | Reddish Brown | Silt | Damp | Subtle Slope | 40 | B | Pine |
| 1355866 | HES | 8 | 569023 | 7025141 | Reddish Orange | Sand | Dry | Subtle Slope | 40 | C | Pine |
| 1355867 | HES | 8 | 569006 | 7025155 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Pine |
| 1355868 | HES | 8 | 568990 | 7025168 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Pine |
| 1355869 | HES | 8 | 568971 | 7025175 | Chocolate Brown | Silt | Damp | Subtle Slope | 60 | B | Pine |
| 1355870 | HES | 8 | 568952 | 7025184 | Light Brown | Sand | Dry | Subtle Slope | 60 | C | Pine |
| 1355871 | HES | 8 | 568937 | 7025199 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1355872 | HES | 8 | 568917 | 7025209 | Reddish Yellow | Sand | Dry | Subtle Slope | 60 | C | Pine |
| 1355873 | HES | 8 | 568895 | 7025210 | Chocolate Brown | Silt | Damp | Subtle Slope | 70 | B | Pine |
| 1355874 | HES | 8 | 568879 | 7025223 | Chocolate Brown | Silt | Dry | Subtle Slope | 60 | B | Pine |
| 1355875 | HES | 8 | 568879 | 7025223 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Pine |
| 1355876 | HES | 8 | 568859 | 7025231 | Chocolate Brown | Silt | Damp | Subtle Slope | 50 | B | Pine |
| 1355877 | HES | 8 | 568841 | 7025242 | Chocolate Brown | Silt | Damp | Subtle Slope | 50 | B | Pine |
| 1355878 | HES | 8 | 568821 | 7025248 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Pine |
| 1355879 | HES | 8 | 568802 | 7025242 | Chocolate Brown | Silt | Wet | Subtle Slope | 20 | B | Birch Forest |
| 1355880 | HES | 8 | 568787 | 7025256 | Chocolate Brown | Silt | Damp | Subtle Slope | 50 | B | Birch Forest |
| 1355881 | HES | 8 | 568771 | 7025268 | Reddish Orange | Clay | Wet | Subtle Slope | 50 | B | Poplar |
| 1355882 | HES | 8 | 568752 | 7025279 | Chocolate Brown | Silt | Wet | Subtle Slope | 30 | B | Birch Forest |
| 1355883 | HES | 8 | 568734 | 7025291 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Poplar |
| 1355884 | HES | 8 | 568712 | 7025296 | Chocolate Brown | Silt | Damp | Subtle Slope | 50 | B | Poplar |
| 1355885 | HES | 8 | 568696 | 7025311 | Chocolate Brown | Silt | Damp | Subtle Slope | 70 | B | Poplar |
| 1355886 | HES | 8 | 568688 | 7025331 | Chocolate Brown | Silt | Damp | Subtle Slope | 50 | B | Willows |
| 1355887 | HES | 8 | 568670 | 7025339 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | B | Alders |
| 1355888 | HES | 8 | 568661 | 7025359 | Chocolate Brown | Silt | Damp | Subtle Slope | 20 | B | Alders |
| 1355889 | HES | 8 | 568658 | 7025380 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Poplar |
| 1355890 | HES | 8 | 568641 | 7025393 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Poplar |
| 1355891 | HES | 8 | 568623 | 7025402 | Chocolate Brown | Silt | Damp | Pronounced Slope | 30 | B | Alders |
| 1355892 | HES | 8 | 568604 | 7025393 | Chocolate Brown | Silt | Damp | Pronounced Slope | 30 | B | Poplar |
| 1355893 | HES | 8 | 568582 | 7025394 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1355894 | HES | 8 | 568564 | 7025401 | Chocolate Brown | Sand | Damp | Subtle Slope | 50 | C | Birch Forest |
| 1355895 | HES | 8 | 568548 | 7025416 | Reddish Brown | Sand | Dry | Subtle Slope | 50 | C | Birch Forest |
| 1355896 | HES | 8 | 568537 | 7025435 | Reddish Brown | Sand | Dry | Subtle Slope | 50 | C | Birch Forest |
| 1355897 | HES | 8 | 568534 | 7025456 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Birch Forest |
| 1355898 | HES | 8 | 568509 | 7025450 | Reddish Brown | Sand | Dry | Pronounced Slope | 60 | C | Birch Forest |
| 1355899 | HES | 8 | 568501 | 7025469 | Reddish Brown | Silt | Damp | Pronounced Slope | 40 | C | Birch Forest |
| 1355900 | HES | 8 | 568496 | 7025492 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Birch Forest |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1355860 | Thin Moss Cover | Excellent | Rocky Sample | | |
| 1355861 | Thin Moss Cover | Good | Coarse | Outcrop Nearby | taken in recession between double outcrop |
| 1355862 | Needle Cover | Good | Coarse | Clay | recessive zone in between 2 outcrops |
| 1355863 | Needle Cover | Good | Coarse | Outcrop Nearby | |
| 1355864 | Thin Moss Cover | Good | Clay | Outcrop Nearby | recessive zone |
| 1355865 | Thin Moss Cover | Good | Coarse | | below outcrop |
| 1355866 | Needle Cover | Good | Fine | Outcrop Nearby | |
| 1355867 | Needle Cover | Good | Coarse | Clay | quartz chips |
| 1355868 | Needle Cover | Good | Coarse | Sandy | |
| 1355869 | Needle Cover | Good | Sandy | Quartz Chips | |
| 1355870 | Needle Cover | Excellent | Coarse | | |
| 1355871 | Needle Cover | Excellent | Coarse | Clay | |
| 1355872 | Thin Moss Cover | Excellent | Fine | | recessive zone |
| 1355873 | Needle Cover | Good | Sandy | | recessive zone |
| 1355874 | Thin Moss Cover | Good | Outcrop Nearby | | recessive zone |
| 1355875 | Thin Moss Cover | Good | Outcrop Nearby | | recessive zone |
| 1355876 | Needle Cover | Good | Clay | | recession |
| 1355877 | Thin Moss Cover | Poor | Clay | | |
| 1355878 | Thin Moss Cover | Good | Outcrop Nearby | | recession |
| 1355879 | Thin Moss Cover | Poor | Clay | | |
| 1355880 | Thin Moss Cover | Poor | Clay | Outcrop Nearby | |
| 1355881 | Thin Moss Cover | Good | Sandy | | below outcrop |
| 1355882 | Thin Moss Cover | Good | Clay | Sandy | |
| 1355883 | Thin Moss Cover | Good | Coarse | Rocky Terrain | ...recession |
| 1355884 | Thin Moss Cover | Good | Sandy | Outcrop Nearby | recession |
| 1355885 | Thin Moss Cover | Poor | Outcrop Nearby | | recession |
| 1355886 | Thin Moss Cover | Good | Sandy | | |
| 1355887 | Sphagnum Moss < 30cm | Good | Coarse | | ".and grey |
| 1355888 | Thin Moss Cover | Poor | Outcrop Nearby | | |
| 1355889 | Thin Moss Cover | Good | Coarse | | |
| 1355890 | Thin Moss Cover | Good | Sandy | Rocky Terrain | |
| 1355891 | Leaf Cover | Good | Rocky Terrain | | |
| 1355892 | Thin Moss Cover | Good | Coarse | Rocky Terrain | |
| 1355893 | Thin Moss Cover | Excellent | Coarse | | |
| 1355894 | Thin Moss Cover | Good | Coarse | | |
| 1355895 | Thin Moss Cover | Excellent | Coarse | | |
| 1355896 | Thin Moss Cover | Excellent | | | soapy |
| 1355897 | Thin Moss Cover | Excellent | Coarse | | |
| 1355898 | Thin Moss Cover | Excellent | Outcrop Nearby | | soapy |
| 1355899 | Thin Moss Cover | Good | Sandy | | soapy |
| 1355900 | Thin Moss Cover | Good | Coarse | | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355860 | | 1355860 | -1 | 3719 | 1451 | 226 | 208 | 69 | 3035 | 68 | 3144 | 53 | 2713 | 43 |
| 1355861 | | 1355861 | -1 | 4670 | 946 | 277 | -1 | 314 | 1799 | 75 | 2348 | 57 | 9257 | 101 |
| 1355862 | | 1355862 | -1 | 3620 | 1024 | 212 | -1 | 192 | 5041 | 84 | 1620 | 42 | 2216 | 40 |
| 1355863 | | 1355863 | -1 | 3724 | 1460 | 227 | -1 | 243 | 3558 | 70 | 4453 | 60 | 11569 | 92 |
| 1355864 | | 1355864 | -1 | 3963 | 1431 | 246 | 525 | 82 | 5396 | 95 | 1035 | 40 | 1787 | 42 |
| 1355865 | | 1355865 | -1 | 3393 | 1201 | 220 | 630 | 77 | 2806 | 68 | 1214 | 38 | 1601 | 37 |
| 1355866 | | 1355866 | -1 | 4081 | 1453 | 258 | -1 | 228 | 5774 | 100 | 1952 | 49 | 2053 | 45 |
| 1355867 | | 1355867 | -1 | 3936 | 1414 | 243 | -1 | 216 | 3050 | 73 | 1977 | 46 | 1492 | 38 |
| 1355868 | | 1355868 | -1 | 4647 | 1418 | 259 | -1 | 359 | 1817 | 56 | 11961 | 101 | 45574 | 253 |
| 1355869 | | 1355869 | -1 | 4014 | 2512 | 273 | 292 | 77 | 4354 | 84 | 3043 | 55 | 1852 | 43 |
| 1355870 | | 1355870 | -1 | 3164 | 1812 | 216 | -1 | 171 | 1787 | 51 | 2212 | 43 | 1727 | 34 |
| 1355871 | | 1355871 | -1 | 4327 | 1849 | 284 | -1 | 258 | 6893 | 112 | 1429 | 46 | 2350 | 51 |
| 1355872 | | 1355872 | -1 | 3018 | 1267 | 195 | -1 | 172 | 1516 | 48 | 1784 | 39 | 2621 | 39 |
| 1355873 | | 1355873 | -1 | 4054 | 1582 | 249 | 544 | 81 | 4763 | 89 | 2463 | 51 | 1385 | 38 |
| 1355874 | | 1355874 | -1 | 6465 | 1787 | 409 | -1 | 396 | 3505 | 127 | 3073 | 80 | 1531 | 58 |
| 1355875 | 1355874 | 1355875 | -1 | 3786 | 1808 | 240 | -1 | 256 | 2653 | 63 | 3449 | 54 | 13648 | 104 |
| 1355876 | | 1355876 | -1 | 3739 | 1534 | 234 | 521 | 77 | 5331 | 88 | 1336 | 40 | 2312 | 44 |
| 1355877 | | 1355877 | -1 | 4148 | 1845 | 255 | 387 | 79 | 6303 | 101 | 1777 | 46 | 1974 | 45 |
| 1355878 | | 1355878 | -1 | 2980 | 1251 | 194 | -1 | 175 | 1795 | 52 | 731 | 31 | 2301 | 38 |
| 1355879 | | 1355879 | -1 | 4862 | 1136 | 299 | -1 | 283 | 4412 | 106 | 3263 | 68 | 1508 | 47 |
| 1355880 | | 1355880 | -1 | 4579 | 1424 | 284 | 841 | 102 | 7322 | 120 | 2346 | 56 | 2668 | 54 |
| 1355881 | | 1355881 | -1 | 3808 | 1046 | 239 | 758 | 90 | 2627 | 73 | 663 | 35 | 2325 | 47 |
| 1355882 | | 1355882 | -1 | 4274 | 1400 | 257 | 860 | 93 | 2878 | 76 | 1439 | 44 | 1906 | 43 |
| 1355883 | | 1355883 | -1 | 4819 | 1369 | 269 | 646 | 128 | 2674 | 66 | 10686 | 98 | 45222 | 260 |
| 1355884 | | 1355884 | -1 | 3383 | 2081 | 241 | 727 | 78 | 2096 | 59 | 1251 | 38 | 2198 | 40 |
| 1355885 | | 1355885 | -1 | 3152 | 971 | 190 | -1 | 168 | 2495 | 59 | 868 | 32 | 1298 | 34 |
| 1355886 | | 1355886 | -1 | 3716 | 900 | 226 | -1 | 206 | 4469 | 89 | 2102 | 49 | 1414 | 39 |
| 1355887 | | 1355887 | -1 | 4255 | 2337 | 286 | 1225 | 100 | 3461 | 82 | 3360 | 61 | 1267 | 40 |
| 1355888 | | 1355888 | -1 | 4795 | 2070 | 324 | 874 | 112 | 4731 | 108 | 2338 | 59 | 2186 | 54 |
| 1355889 | | 1355889 | -1 | 4411 | 1298 | 286 | 866 | 109 | 2186 | 83 | 931 | 43 | 2002 | 46 |
| 1355890 | | 1355890 | -1 | 3838 | 1407 | 235 | -1 | 213 | 2505 | 69 | 2068 | 48 | 2589 | 45 |
| 1355891 | | 1355891 | -1 | 3026 | 1274 | 197 | 588 | 68 | 1561 | 50 | 492 | 28 | 1840 | 34 |
| 1355892 | | 1355892 | -1 | 3719 | 1798 | 244 | -1 | 213 | 9071 | 118 | 1134 | 41 | 3581 | 50 |
| 1355893 | | 1355893 | -1 | 3248 | 1578 | 224 | 221 | 68 | 2354 | 62 | 1833 | 43 | 2459 | 41 |
| 1355894 | | 1355894 | -1 | 4777 | 2110 | 308 | -1 | 257 | 8972 | 136 | 3678 | 69 | 1983 | 47 |
| 1355895 | | 1355895 | -1 | 3808 | 1978 | 252 | -1 | 223 | 4612 | 85 | 2596 | 51 | 3248 | 49 |
| 1355896 | | 1355896 | -1 | 3791 | 1800 | 244 | 502 | 79 | 4569 | 83 | 2743 | 51 | 3646 | 51 |
| 1355897 | | 1355897 | -1 | 4202 | 1696 | 272 | -1 | 230 | 5849 | 105 | 2757 | 57 | 1883 | 43 |
| 1355898 | | 1355898 | -1 | 4300 | 1045 | 251 | -1 | 243 | 12339 | 149 | 1741 | 50 | 3012 | 50 |
| 1355899 | | 1355899 | -1 | 4927 | 1401 | 307 | -1 | 293 | 16863 | 198 | 2831 | 67 | 3033 | 58 |
| 1355900 | | 1355900 | -1 | 3727 | 1305 | 228 | -1 | 208 | 5772 | 94 | 3118 | 55 | 1932 | 39 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355860 | 37 | 3 | 131 | 4 | 19851 | 115 | 450 | 26 | -1 | 16 | 35 | 3 | 53 | 2 | 17.8 |
| 1355861 | -1 | 11 | 128 | 4 | 11408 | 75 | 261 | 20 | -1 | 14 | -1 | 7 | 89 | 3 | 6.4 |
| 1355862 | 37 | 3 | 109 | 4 | 20456 | 117 | 371 | 25 | -1 | 16 | 25 | 3 | 94 | 3 | 11.4 |
| 1355863 | -1 | 9 | 107 | 3 | 15940 | 96 | 356 | 23 | -1 | 16 | 22 | 2 | 71 | 2 | 12.4 |
| 1355864 | 38 | 4 | 140 | 4 | 20821 | 119 | 434 | 26 | -1 | 16 | 22 | 2 | 68 | 2 | 15 |
| 1355865 | 31 | 3 | 105 | 4 | 13993 | 85 | 313 | 21 | -1 | 14 | 13 | 2 | 48 | 2 | 14.5 |
| 1355866 | 35 | 4 | 126 | 4 | 23368 | 135 | 286 | 27 | -1 | 17 | 29 | 3 | 81 | 3 | 36.4 |
| 1355867 | 33 | 4 | 121 | 4 | 20069 | 117 | 347 | 25 | 39 | 6 | 27 | 3 | 63 | 2 | 19.3 |
| 1355868 | -1 | 9 | 41 | 2 | 8117 | 57 | 299 | 17 | -1 | 14 | 14 | 2 | 61 | 2 | 9.6 |
| 1355869 | 44 | 4 | 153 | 4 | 20548 | 119 | 344 | 26 | -1 | 16 | 26 | 3 | 57 | 2 | 31.8 |
| 1355870 | 28 | 3 | 146 | 4 | 18045 | 105 | 416 | 24 | -1 | 15 | 34 | 3 | 48 | 2 | 28.9 |
| 1355871 | 59 | 5 | 172 | 5 | 28335 | 161 | 409 | 31 | -1 | 18 | 45 | 3 | 63 | 2 | 26.7 |
| 1355872 | 27 | 3 | 68 | 3 | 12953 | 80 | 295 | 20 | -1 | 14 | 27 | 2 | 38.3 | 2 | 16.5 |
| 1355873 | 46 | 4 | 142 | 4 | 20618 | 119 | 447 | 26 | 21 | 6 | 60 | 3 | 97 | 3 | 17.7 |
| 1355874 | 36 | 5 | 143 | 6 | 14963 | 109 | 240 | 26 | -1 | 17 | 13 | 3 | 26 | 3 | 10.8 |
| 1355875 | 11 | 3 | 111 | 4 | 13810 | 85 | 244 | 21 | -1 | 15 | 13 | 2 | 52 | 2 | 59.8 |
| 1355876 | 53 | 4 | 151 | 4 | 19375 | 113 | 297 | 25 | -1 | 16 | 31 | 3 | 62 | 2 | 22.8 |
| 1355877 | 56 | 4 | 138 | 4 | 19748 | 114 | 306 | 25 | -1 | 16 | 30 | 3 | 47 | 2 | 17.5 |
| 1355878 | 30 | 3 | 71 | 3 | 10300 | 68 | 272 | 18 | -1 | 14 | 11 | 2 | 58 | 2 | 25.7 |
| 1355879 | 44 | 5 | 182 | 5 | 17523 | 105 | 306 | 24 | -1 | 15 | 23 | 3 | 48 | 2 | 13.4 |
| 1355880 | 56 | 5 | 208 | 5 | 22769 | 122 | 286 | 25 | 34 | 6 | 61 | 3 | 79 | 2 | 14.8 |
| 1355881 | 53 | 4 | 84 | 4 | 16831 | 94 | 463 | 22 | -1 | 15 | 33 | 3 | 56 | 2 | 19.9 |
| 1355882 | 37 | 4 | 106 | 4 | 18508 | 102 | 461 | 23 | -1 | 14 | 17 | 2 | 52 | 2 | 12.6 |
| 1355883 | -1 | 10 | 60 | 3 | 10815 | 70 | 376 | 19 | -1 | 14 | 26 | 2 | 76 | 2 | 11.2 |
| 1355884 | 35 | 3 | 92 | 3 | 17600 | 104 | 511 | 24 | -1 | 15 | 11 | 2 | 60 | 2 | 7.7 |
| 1355885 | 36 | 3 | 215 | 4 | 15015 | 91 | 390 | 22 | -1 | 16 | 32 | 3 | 76 | 2 | 67.4 |
| 1355886 | 48 | 4 | 113 | 4 | 13851 | 82 | 369 | 21 | -1 | 15 | 24 | 2 | 48 | 2 | 10.3 |
| 1355887 | 42 | 4 | 161 | 5 | 18302 | 103 | 432 | 23 | -1 | 15 | 19 | 2 | 63 | 2 | 13.6 |
| 1355888 | 48 | 5 | 198 | 6 | 15815 | 94 | 222 | 22 | -1 | 14 | -1 | 6 | 43 | 2 | 9.4 |
| 1355889 | 27 | 4 | 75 | 4 | 8327 | 59 | 239 | 17 | -1 | 13 | 9 | 2 | 28 | 2 | 48.3 |
| 1355890 | 31 | 3 | 110 | 4 | 14201 | 86 | 307 | 21 | -1 | 14 | 23 | 2 | 38 | 2 | 18.6 |
| 1355891 | 28 | 3 | 74 | 3 | 9471 | 63 | 299 | 18 | -1 | 14 | 12 | 2 | 54 | 2 | 7.8 |
| 1355892 | 55 | 4 | 95 | 4 | 18079 | 108 | 381 | 25 | -1 | 15 | 13 | 2 | 152 | 3 | 9.9 |
| 1355893 | 22 | 3 | 153 | 4 | 16062 | 96 | 445 | 23 | -1 | 15 | 21 | 2 | 45 | 2 | 18 |
| 1355894 | 45 | 4 | 157 | 5 | 24385 | 132 | 259 | 26 | -1 | 15 | 14 | 2 | 48 | 2 | 20.8 |
| 1355895 | 39 | 4 | 220 | 5 | 22415 | 129 | 533 | 28 | -1 | 16 | 30 | 3 | 96 | 3 | 6 |
| 1355896 | 46 | 4 | 102 | 4 | 21453 | 124 | 537 | 27 | -1 | 16 | 22 | 3 | 75 | 3 | -1 |
| 1355897 | 38 | 4 | 107 | 4 | 21493 | 117 | 466 | 25 | -1 | 15 | 19 | 2 | 43 | 2 | 26 |
| 1355898 | 49 | 4 | 92 | 4 | 26169 | 136 | 635 | 28 | -1 | 15 | 27 | 2 | 70 | 2 | -1 |
| 1355899 | 72 | 5 | 104 | 5 | 24836 | 135 | 366 | 27 | -1 | 16 | 17 | 2 | 50 | 2 | 138 |
| 1355900 | 37 | 3 | 165 | 4 | 16084 | 96 | 427 | 23 | -1 | 15 | 17 | 2 | 80 | 3 | 19.3 |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355860 | 1.4 | -1 | 1.7 | 101.3 | 1.4 | 89 | 8 | 196 | 16 | -1 | 19 | -1 | 8 | -1 | 10 | -1 |
| 1355861 | 1.2 | -1 | 1.7 | 36.8 | 1 | 92 | 10 | 229 | 24 | -1 | -27.1 | -1 | 10 | -1 | 14 | -1 |
| 1355862 | 1.3 | -1 | 1.8 | 63.4 | 1.1 | 88 | 7 | 245 | 19 | -1 | -20.7 | -1 | 7 | -1 | 10 | -1 |
| 1355863 | 1.4 | -1 | 1.8 | 105.6 | 1.4 | 118 | 10 | 261 | 22 | -1 | -22.4 | -1 | 8 | -1 | 10 | -1 |
| 1355864 | 1.4 | -1 | 1.7 | 58.2 | 1.1 | 99 | 9 | 314 | 26 | -1 | 23 | -1 | 8 | -1 | 10 | -1 |
| 1355865 | 1.3 | -1 | 1.7 | 48.9 | 1 | 75 | 6 | 216 | 17 | -1 | -19.5 | -1 | 7 | -1 | 10 | -1 |
| 1355866 | 1.6 | -1 | 1.9 | 75.2 | 1.3 | 52 | 4 | 216 | 16 | -1 | -18 | -1 | 6 | -1 | 8 | -1 |
| 1355867 | 1.4 | -1 | 1.8 | 65.8 | 1.2 | 77 | 7 | 239 | 19 | -1 | -20.8 | -1 | 7 | -1 | 10 | -1 |
| 1355868 | 1.2 | -1 | 1.7 | 60.5 | 1.1 | 60 | 5 | 240 | 18 | -1 | 19 | -1 | 7 | -1 | 9 | -1 |
| 1355869 | 1.5 | -1 | 1.8 | 77.4 | 1.3 | 86 | 7 | 305 | 23 | -1 | 21 | -1 | 7 | -1 | 9 | -1 |
| 1355870 | 1.6 | -1 | 1.8 | 83.7 | 1.3 | 83 | 7 | 311 | 26 | -1 | 23 | -1 | 8 | -1 | 11 | -1 |
| 1355871 | 1.6 | -1 | 1.9 | 109.1 | 1.5 | 67 | 5 | 209 | 15 | -1 | -17.8 | -1 | 6 | -1 | 8 | -1 |
| 1355872 | 1.3 | -1 | 1.7 | 67.5 | 1.2 | 77 | 7 | 294 | 24 | -1 | -22.5 | -1 | 8 | -1 | 10 | -1 |
| 1355873 | 1.4 | -1 | 1.8 | 75.4 | 1.3 | 74 | 6 | 173 | 12 | -1 | -16.1 | -1 | 6 | -1 | 7 | -1 |
| 1355874 | 1.4 | -1 | 2 | 40.9 | 1.2 | 59 | 7 | 206 | 23 | -1 | -26.7 | -1 | 9 | -1 | 13 | -1 |
| 1355875 | 1.7 | -1 | 1.8 | 48.6 | 1 | 92 | 7 | 291 | 21 | -1 | 20 | -1 | 6 | -1 | 9 | -1 |
| 1355876 | 1.5 | -1 | 1.9 | 64.5 | 1.2 | 101 | 8 | 294 | 22 | -1 | -21.5 | -1 | 7 | -1 | 9 | -1 |
| 1355877 | 1.3 | -1 | 1.8 | 73.6 | 1.2 | 98 | 8 | 272 | 21 | -1 | -21.7 | -1 | 7 | -1 | 10 | -1 |
| 1355878 | 1.4 | -1 | 1.8 | 90.5 | 1.3 | 92 | 7 | 267 | 20 | -1 | 19 | -1 | 6 | -1 | 9 | -1 |
| 1355879 | 1.3 | -1 | 1.7 | 54.1 | 1.1 | 66 | 6 | 212 | 19 | -1 | -22.1 | -1 | 8 | -1 | 11 | -1 |
| 1355880 | 1.2 | -1 | 1.7 | 63.9 | 1.1 | 90 | 8 | 211 | 18 | -1 | -20.6 | -1 | 7 | -1 | 10 | -1 |
| 1355881 | 1.3 | -1 | 1.6 | 56.4 | 1 | 65 | 6 | 189 | 16 | -1 | -20.6 | -1 | 7 | -1 | 10 | -1 |
| 1355882 | 1.3 | -1 | 1.6 | 33.9 | 0.9 | 76 | 8 | 257 | 24 | -1 | -24.7 | -1 | 9 | -1 | 12 | -1 |
| 1355883 | 1.4 | -1 | 1.7 | 92.6 | 1.3 | 84 | 7 | 228 | 18 | -1 | -20.2 | -1 | 7 | -1 | 9 | -1 |
| 1355884 | 1.3 | -1 | 1.8 | 98.5 | 1.4 | 79 | 6 | 198 | 14 | -1 | -17.7 | -1 | 6 | -1 | 8 | -1 |
| 1355885 | 1.8 | -1 | 1.9 | 74.9 | 1.2 | 136 | 11 | 241 | 18 | -1 | -19.6 | -1 | 7 | -1 | 9 | -1 |
| 1355886 | 1.3 | 2 | 0.6 | 95.6 | 1.3 | 93 | 8 | 185 | 15 | -1 | -19.1 | -1 | 7 | -1 | 9 | -1 |
| 1355887 | 1.3 | -1 | 1.7 | 89.3 | 1.3 | 111 | 10 | 174 | 15 | -1 | -19.5 | -1 | 8 | -1 | 10 | -1 |
| 1355888 | 1.2 | -1 | 1.7 | 64.4 | 1.2 | 68 | 7 | 240 | 21 | -1 | 22 | -1 | 8 | -1 | 10 | -1 |
| 1355889 | 1.7 | -1 | 1.8 | 32.3 | 0.9 | 61 | 7 | 266 | 26 | -1 | -26.2 | -1 | 8 | -1 | 12 | -1 |
| 1355890 | 1.4 | -1 | 1.8 | 71.7 | 1.2 | 107 | 13 | 330 | 38 | -1 | 33 | -1 | 11 | -1 | 16 | -1 |
| 1355891 | 1.2 | -1 | 1.7 | 68.6 | 1.2 | 79 | 7 | 230 | 18 | -1 | -19.4 | 8 | 2 | -1 | 9 | -1 |
| 1355892 | 1.3 | -1 | 1.8 | 126.9 | 1.6 | 81 | 7 | 213 | 17 | -1 | -19.2 | -1 | 7 | -1 | 10 | -1 |
| 1355893 | 1.4 | -1 | 1.8 | 85.4 | 1.3 | 69 | 6 | 173 | 13 | -1 | 17 | -1 | 7 | -1 | 9 | -1 |
| 1355894 | 1.3 | -1 | 1.8 | 80.1 | 1.2 | 77 | 7 | 223 | 20 | -1 | -22.4 | -1 | 8 | -1 | 11 | -1 |
| 1355895 | 1.4 | -1 | 1.9 | 168.3 | 1.9 | 102 | 8 | 173 | 13 | -1 | 17 | -1 | 6 | -1 | 9 | 15 |
| 1355896 | 3.7 | -1 | 1.8 | 200 | 2 | 132 | 11 | 154 | 12 | -1 | -18.4 | -1 | 7 | -1 | 9 | -1 |
| 1355897 | 1.5 | -1 | 1.7 | 115 | 1.5 | 98 | 10 | 243 | 23 | -1 | 23 | -1 | 8 | -1 | 11 | -1 |
| 1355898 | 3.8 | -1 | 1.7 | 211.9 | 2 | 109 | 9 | 143 | 12 | -1 | 17 | -1 | 7 | -1 | 9 | -1 |
| 1355899 | 2 | -1 | 1.9 | 240 | 2 | 96 | 8 | 213 | 18 | 20 | 7 | -1 | 7 | -1 | 10 | -1 |
| 1355900 | 1.4 | -1 | 1.9 | 116.9 | 1.5 | 102 | 9 | 188 | 15 | -1 | 19 | -1 | 7 | -1 | 10 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355860 | 14 | -1 | 19 | 266 | 14 | -1 | 15 | -1 | 4 | 27.9 | 1.7 | Soil | PASS | 88.21 |
| 1355861 | 19 | -1 | 26 | 677 | 27 | -1 | 14 | -1 | 3.6 | 16.4 | 1.5 | Soil | PASS | 91.34 |
| 1355862 | 14 | -1 | 18 | 331 | 15 | -1 | 14 | -1 | 3.7 | 23.1 | 1.6 | Soil | PASS | 88.12 |
| 1355863 | 14 | -1 | 19 | 827 | 24 | -1 | 14 | -1 | 4 | 26.2 | 1.7 | Soil | PASS | 88.28 |
| 1355864 | 14 | -1 | 19 | 417 | 16 | -1 | 15 | -1 | 4 | 26 | 1.7 | Soil | PASS | 88.26 |
| 1355865 | 13 | -1 | 17 | 311 | 14 | -1 | 14 | -1 | 3.9 | 18.5 | 1.5 | Soil | PASS | 88.44 |
| 1355866 | 11 | -1 | 15 | 394 | 17 | -1 | 17 | -1 | 3.9 | 19.9 | 1.6 | Soil | PASS | 88.15 |
| 1355867 | 14 | -1 | 19 | 308 | 15 | -1 | 15 | -1 | 3.7 | 25.8 | 1.7 | Soil | PASS | 88.17 |
| 1355868 | 13 | -1 | 17 | 1183 | 39 | -1 | 14 | -1 | 3.8 | 20.1 | 1.5 | Soil | PASS | 88.01 |
| 1355869 | 13 | -1 | 17 | 552 | 17 | -1 | 16 | -1 | 4 | 19 | 1.6 | Soil | PASS | 88.13 |
| 1355870 | 15 | -1 | 20 | 246 | 12 | -1 | 16 | -1 | 3.8 | 29.7 | 1.7 | Soil | PASS | 88.19 |
| 1355871 | 11 | -1 | 15 | 579 | 20 | -1 | 17 | -1 | 4.3 | 29.3 | 1.8 | Soil | PASS | 88.18 |
| 1355872 | 14 | -1 | 19 | 238 | 13 | -1 | 15 | -1 | 3.8 | 23.2 | 1.6 | Soil | PASS | 88.25 |
| 1355873 | 11 | -1 | 14 | 375 | 15 | -1 | 15 | -1 | 3.9 | 23.3 | 1.6 | Soil | PASS | 88.49 |
| 1355874 | 17 | -1 | 23 | 480 | 23 | -1 | 17 | -1 | 4.4 | 14.4 | 1.8 | Soil | PASS | 91.73 |
| 1355875 | 12 | -1 | 16 | 688 | 25 | -1 | 17 | -1 | 3.9 | 18.4 | 1.5 | Soil | PASS | 87.99 |
| 1355876 | 13 | -1 | 17 | 484 | 16 | -1 | 16 | -1 | 4 | 25.8 | 1.7 | Soil | PASS | 88.17 |
| 1355877 | 13 | -1 | 17 | 603 | 18 | -1 | 15 | -1 | 3.8 | 17.2 | 1.5 | Soil | PASS | 88.27 |
| 1355878 | 12 | -1 | 16 | 322 | 13 | -1 | 16 | -1 | 4 | 17.6 | 1.5 | Soil | PASS | 88.24 |
| 1355879 | 14 | -1 | 19 | 418 | 19 | -1 | 15 | -1 | 3.8 | 19.4 | 1.6 | Soil | PASS | 91.19 |
| 1355880 | 14 | -1 | 18 | 541 | 20 | -1 | 14 | -1 | 3.8 | 18.4 | 1.5 | Soil | PASS | 90.5 |
| 1355881 | 13 | -1 | 18 | 421 | 17 | -1 | 14 | -1 | 3.6 | 19 | 1.5 | Soil | PASS | 90.64 |
| 1355882 | 16 | -1 | 22 | 303 | 16 | -1 | 14 | -1 | 3.6 | 26.6 | 1.6 | Soil | PASS | 90.68 |
| 1355883 | 13 | -1 | 17 | 1269 | 40 | -1 | 15 | -1 | 3.8 | 28.1 | 1.7 | Soil | PASS | 88.03 |
| 1355884 | 12 | -1 | 15 | 269 | 14 | -1 | 15 | 4.7 | 1.4 | 21.3 | 1.6 | Soil | PASS | 88.31 |
| 1355885 | 13 | -1 | 16 | 467 | 14 | -1 | 17 | -1 | 4.1 | 20.8 | 1.6 | Soil | PASS | 88.19 |
| 1355886 | 12 | -1 | 17 | 475 | 16 | -1 | 14 | -1 | 3.7 | 23.8 | 1.6 | Soil | PASS | 90.79 |
| 1355887 | 14 | -1 | 18 | 464 | 17 | -1 | 14 | -1 | 3.8 | 22.8 | 1.6 | Soil | PASS | 90.59 |
| 1355888 | 15 | -1 | 19 | 551 | 21 | -1 | 14 | -1 | 3.8 | 14.5 | 1.5 | Soil | PASS | 90.94 |
| 1355889 | 17 | -1 | 22 | 211 | 16 | -1 | 16 | -1 | 3.8 | 18.1 | 1.5 | Soil | PASS | 91.24 |
| 1355890 | 22 | -1 | 29 | 291 | 15 | -1 | 15 | -1 | 3.9 | 28.6 | 1.7 | Soil | PASS | 91.15 |
| 1355891 | 13 | -1 | 17 | 215 | 12 | -1 | 14 | -1 | 3.9 | 17.8 | 1.5 | Soil | PASS | 88.36 |
| 1355892 | 14 | -1 | 18 | 385 | 17 | -1 | 15 | -1 | 4.1 | 25 | 1.7 | Soil | PASS | 88.22 |
| 1355893 | 12 | -1 | 16 | 224 | 14 | -1 | 14 | -1 | 4 | 26.3 | 1.7 | Soil | PASS | 88.35 |
| 1355894 | 15 | -1 | 20 | 368 | 18 | -1 | 15 | -1 | 4 | 18 | 1.5 | Soil | PASS | 90.75 |
| 1355895 | 4 | -1 | 15 | 319 | 16 | -1 | 16 | -1 | 4.2 | 34.8 | 1.9 | Soil | PASS | 88.25 |
| 1355896 | 13 | -1 | 17 | 371 | 17 | -1 | 15 | 4.5 | 1.4 | 22.9 | 1.7 | Soil | PASS | 88.31 |
| 1355897 | 16 | -1 | 21 | 300 | 16 | -1 | 15 | -1 | 3.8 | 27.3 | 1.6 | Soil | PASS | 90.86 |
| 1355898 | 13 | -1 | 17 | 374 | 17 | -1 | 14 | 4 | 1.3 | 33.7 | 1.7 | Soil | PASS | 90.23 |
| 1355899 | 13 | -1 | 17 | 527 | 21 | -1 | 20 | -1 | 4.2 | 16.4 | 1.6 | Soil | PASS | 90.59 |
| 1355900 | 14 | -1 | 18 | 313 | 14 | -1 | 16 | -1 | 4 | 23.6 | 1.6 | Soil | PASS | 88.43 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355902 | HES | 8 | 568440 | 7025465 | Chocolate Brown | Silt | Damp | Pronounced Slope | 20 | B | Birch Forest |
| 1355903 | HES | 8 | 568431 | 7025484 | Chocolate Brown | Silt | Damp | Subtle Slope | 50 | B | Birch Forest |
| 1355904 | HES | 8 | 568416 | 7025499 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Black Spruce |
| 1355905 | HES | 8 | 568403 | 7025515 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Black Spruce |
| 1355906 | HES | 8 | 568386 | 7025526 | Dark Brown | Sand | Dry | Subtle Slope | 20 | C | Black Spruce |
| 1355907 | HES | 8 | 568372 | 7025540 | Chocolate Brown | Silt | Damp | Subtle Slope | 50 | C | Black Spruce |
| 1355908 | HES | 8 | 568355 | 7025552 | Reddish Yellow | Silt | Damp | Subtle Slope | 60 | C | Black Spruce |
| 1355909 | HES | 8 | 568339 | 7025564 | Chocolate Brown | Silt | Dry | Subtle Slope | 40 | C | Pine |
| 1355910 | HES | 8 | 568326 | 7025581 | Reddish Orange | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1355911 | HES | 8 | 568309 | 7025593 | Grey | Sand | Damp | Subtle Slope | 40 | C | Birch Forest |
| 1355912 | HES | 8 | 568291 | 7025602 | Reddish Yellow | Silt | Damp | Subtle Slope | 30 | C | Poplar |
| 1355913 | HES | 8 | 568279 | 7025619 | Dark Brown | Silt | Dry | Subtle Slope | 50 | C | Poplar |
| 1355914 | HES | 8 | 568261 | 7025630 | Light Brown | Silt | Damp | Subtle Slope | 60 | C | Poplar |
| 1355915 | HES | 8 | 568250 | 7025648 | Chocolate Brown | Silt | Dry | Pronounced Slope | 40 | B | Birch Forest |
| 1355916 | HES | 8 | 568237 | 7025665 | Reddish Yellow | Silt | Dry | Subtle Slope | 60 | B | Birch Forest |
| 1355917 | HES | 8 | 568225 | 7025682 | Chocolate Brown | Silt | Damp | Pronounced Slope | 30 | B | Birch Forest |
| 1355918 | HES | 8 | 568219 | 7025696 | Dark Brown | Silt | Damp | Subtle Slope | 50 | B | Poplar |
| 1355919 | HES | 8 | 568216 | 7025717 | Chocolate Brown | Silt | Damp | Pronounced Slope | 40 | B | Birch Forest |
| 1355920 | HES | 8 | 568206 | 7025735 | Dark Brown | Silt | Damp | Subtle Slope | 40 | B | Willows |
| 1355921 | HES | 8 | 568274 | 7025690 | Light Brown | Silt | Damp | Subtle Slope | 60 | C | Pine |
| 1355922 | HES | 8 | 568290 | 7025678 | Chocolate Brown | Silt | Damp | Subtle Slope | 20 | B | Pine |
| 1355923 | HES | 8 | 568303 | 7025662 | Chocolate Brown | Silt | Damp | Subtle Slope | 50 | B | Pine |
| 1355924 | HES | 8 | 568319 | 7025650 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1355925 | HES | 8 | 568319 | 7025650 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1355926 | HES | 8 | 568335 | 7025639 | Chocolate Brown | Sand | Dry | Subtle Slope | 40 | C | Pine |
| 1355927 | HES | 8 | 568351 | 7025625 | Chocolate Brown | Silt | Damp | Subtle Slope | 60 | B | Pine |
| 1355928 | HES | 8 | 568366 | 7025612 | Chocolate Brown | Silt | Damp | Subtle Slope | 60 | B | Pine |
| 1355929 | HES | 8 | 568382 | 7025599 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1355930 | HES | 8 | 568394 | 7025581 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Pine |
| 1355931 | HES | 8 | 568410 | 7025568 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Pine |
| 1355932 | HES | 8 | 568426 | 7025555 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Poplar |
| 1355933 | HES | 8 | 568442 | 7025545 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Black Spruce |
| 1355934 | HES | 8 | 568458 | 7025531 | Greyish Green | Silt | Dry | Subtle Slope | 50 | C | Poplar |
| 1355935 | HES | 8 | 568468 | 7025514 | Chocolate Brown | Sand | Damp | Subtle Slope | 30 | C | Black Spruce |
| 1355936 | HES | 8 | 568467 | 7025564 | Chocolate Brown | Silt | Wet | Flat | 80 | B | Black Spruce |
| 1355937 | HES | 8 | 568449 | 7025577 | Chocolate Brown | Silt | Damp | Subtle Slope | 20 | B | Old Burn |
| 1355938 | HES | 8 | 568435 | 7025592 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Pine |
| 1355939 | HES | 8 | 568418 | 7025603 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Pine |
| 1355940 | HES | 8 | 568403 | 7025618 | Chocolate Brown | Silt | Dry | Subtle Slope | 40 | B | Pine |
| 1355941 | HES | 8 | 568389 | 7025633 | Chocolate Brown | Silt | Damp | Subtle Slope | 20 | B | Alders |
| 1355942 | HES | 8 | 568377 | 7025650 | Chocolate Brown | Gravel | Dry | Subtle Slope | 20 | C | Pine |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1355902 | Thin Moss Cover | Good | Coarse | | schist |
| 1355903 | Thin Moss Cover | Good | Outcrop Nearby | | |
| 1355904 | Thin Moss Cover | Excellent | Coarse | Outcrop Nearby | rusty quartz |
| 1355905 | Reindeer Moss | Good | Clay | Outcrop Nearby | |
| 1355906 | Thin Moss Cover | Excellent | Coarse | Rocky Terrain | |
| 1355907 | Thin Moss Cover | Good | Coarse | | schist |
| 1355908 | Thin Moss Cover | Excellent | Coarse | | schist |
| 1355909 | Thin Moss Cover | Excellent | Coarse | | schist, light bluish grey |
| 1355910 | Thin Moss Cover | Excellent | Coarse | | and choco brown |
| 1355911 | Thin Moss Cover | Excellent | Coarse | Outcrop Nearby | schist |
| 1355912 | Thin Moss Cover | Excellent | Coarse | | schist |
| 1355913 | Thin Moss Cover | Excellent | Coarse | | schist |
| 1355914 | Sphagnum Moss < 30cm | Excellent | Coarse | Outcrop Nearby | very greasy schist |
| 1355915 | Thin Moss Cover | Poor | | | end of original ridge |
| 1355916 | Thin Moss Cover | Good | Sandy | Outcrop Nearby | recessed zone |
| 1355917 | Bare Soil | Good | Coarse | Outcrop Nearby | schist |
| 1355918 | Thin Moss Cover | Good | Coarse | Outcrop Nearby | |
| 1355919 | Sphagnum Moss < 30cm | Good | Coarse | Outcrop Nearby | |
| 1355920 | Thin Moss Cover | Good | Coarse | Rocky Terrain | |
| 1355921 | Thin Moss Cover | Good | Coarse | | greasy texture |
| 1355922 | Thin Moss Cover | Good | Clay | Sandy | |
| 1355923 | Sphagnum Moss < 30cm | Good | Coarse | Clay | |
| 1355924 | Thin Moss Cover | Excellent | Coarse | | |
| 1355925 | Thin Moss Cover | Excellent | Coarse | | |
| 1355926 | Needle Cover | Excellent | Coarse | | |
| 1355927 | Thin Moss Cover | Poor | | | |
| 1355928 | Thin Moss Cover | Good | Sandy | | |
| 1355929 | Thin Moss Cover | Excellent | Coarse | Clay | |
| 1355930 | Thin Moss Cover | Good | Coarse | Outcrop Nearby | |
| 1355931 | Needle Cover | Good | Coarse | | |
| 1355932 | Reindeer Moss | Good | Sandy | | |
| 1355933 | Bare Soil | Excellent | Coarse | | |
| 1355934 | Thin Moss Cover | Excellent | Coarse | | schist |
| 1355935 | Thin Moss Cover | Excellent | Coarse | | |
| 1355936 | Sphagnum Moss < 30cm | Good | Coarse | Outcrop Nearby | |
| 1355937 | Reindeer Moss | Good | Sandy | Clay | |
| 1355938 | Reindeer Moss | Poor | Clay | Rocky Terrain | |
| 1355939 | Reindeer Moss | Good | Sandy | | |
| 1355940 | Needle Cover | Poor | Rocky Terrain | | |
| 1355941 | Thin Moss Cover | Poor | Clay | | |
| 1355942 | Needle Cover | Excellent | Rocky Sample | | |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355902 | | 1355902 | -1 | 3752 | 1308 | 226 | 588 | 77 | 8001 | 108 | 1146 | 40 | 1760 | 38 |
| 1355903 | | 1355903 | -1 | 3958 | 1207 | 242 | 528 | 84 | 8118 | 115 | 1750 | 47 | 2690 | 48 |
| 1355904 | | 1355904 | -1 | 5207 | 1113 | 280 | -1 | 373 | 8788 | 118 | 11389 | 107 | 41184 | 250 |
| 1355905 | | 1355905 | -1 | 6698 | -1 | 1154 | 939 | 149 | 6270 | 153 | 1400 | 62 | 1958 | 62 |
| 1355906 | | 1355906 | -1 | 5009 | 1916 | 332 | -1 | 287 | 11366 | 157 | 3735 | 72 | 2641 | 58 |
| 1355907 | | 1355907 | -1 | 3946 | 1474 | 250 | -1 | 213 | 5517 | 96 | 2954 | 56 | 1124 | 36 |
| 1355908 | | 1355908 | -1 | 4613 | 990 | 263 | -1 | 248 | 10090 | 138 | 2718 | 59 | 2205 | 48 |
| 1355909 | | 1355909 | -1 | 3791 | 1279 | 234 | -1 | 208 | 8071 | 112 | 2327 | 50 | 1443 | 36 |
| 1355910 | | 1355910 | -1 | 4980 | 1590 | 287 | -1 | 248 | 6727 | 115 | 3271 | 63 | 1349 | 41 |
| 1355911 | | 1355911 | -1 | 3564 | 1415 | 223 | 292 | 68 | 4483 | 81 | 1663 | 42 | 1190 | 33 |
| 1355912 | | 1355912 | -1 | 4462 | 1826 | 282 | 447 | 88 | 7384 | 114 | 1581 | 47 | 2250 | 48 |
| 1355913 | | 1355913 | -1 | 5568 | 1740 | 335 | -1 | 300 | 13880 | 179 | 5141 | 84 | 2867 | 59 |
| 1355914 | | 1355914 | -1 | 5638 | 1945 | 323 | -1 | 347 | 11410 | 150 | 6081 | 85 | 18244 | 148 |
| 1355915 | | 1355915 | -1 | 3181 | 1304 | 197 | 570 | 65 | 4061 | 73 | 1877 | 41 | 558 | 25 |
| 1355916 | | 1355916 | -1 | 3957 | 1583 | 241 | 538 | 78 | 4192 | 81 | 3757 | 59 | 1481 | 39 |
| 1355917 | | 1355917 | -1 | 3349 | 1145 | 212 | 799 | 78 | 4650 | 84 | 508 | 32 | 891 | 29 |
| 1355918 | | 1355918 | -1 | 3792 | 1176 | 222 | -1 | 198 | 5313 | 88 | 2480 | 49 | 1224 | 34 |
| 1355919 | | 1355919 | -1 | 4225 | 805 | 229 | -1 | 218 | 9030 | 121 | 3908 | 63 | 2084 | 44 |
| 1355920 | | 1355920 | -1 | 3567 | 1362 | 216 | 619 | 71 | 5044 | 83 | 2424 | 47 | 680 | 27 |
| 1355921 | | 1355921 | -1 | 3593 | 1583 | 235 | 643 | 78 | 4112 | 81 | 1405 | 41 | 982 | 31 |
| 1355922 | | 1355922 | -1 | 4214 | 1284 | 234 | -1 | 214 | 5428 | 90 | 5147 | 68 | 1809 | 40 |
| 1355923 | | 1355923 | -1 | 4253 | -1 | 786 | -1 | 263 | 3294 | 92 | 1925 | 53 | 882 | 36 |
| 1355924 | | 1355924 | -1 | 3843 | 1681 | 250 | 919 | 88 | 3800 | 83 | 1387 | 43 | 960 | 32 |
| 1355925 | 1355924 | 1355925 | -1 | 3438 | 1691 | 217 | 389 | 65 | 4339 | 77 | 2767 | 49 | 705 | 25 |
| 1355926 | | 1355926 | -1 | 4284 | 1742 | 259 | -1 | 226 | 4698 | 91 | 2940 | 56 | 1002 | 34 |
| 1355927 | | 1355927 | -1 | 3671 | 1394 | 234 | -1 | 217 | 4203 | 79 | 2693 | 51 | 5067 | 61 |
| 1355928 | | 1355928 | -1 | 4411 | 1810 | 280 | -1 | 248 | 6727 | 111 | 1229 | 44 | 2107 | 50 |
| 1355929 | | 1355929 | -1 | 4128 | 2128 | 280 | 269 | 82 | 8270 | 118 | 2214 | 52 | 1944 | 46 |
| 1355930 | | 1355930 | -1 | 2748 | 1180 | 178 | -1 | 150 | 2415 | 55 | 663 | 29 | 560 | 22 |
| 1355931 | | 1355931 | -1 | 2885 | 965 | 176 | -1 | 152 | 3084 | 61 | 655 | 29 | 603 | 23 |
| 1355932 | | 1355932 | -1 | 3767 | 1817 | 241 | 308 | 72 | 5407 | 89 | 1932 | 45 | 1685 | 39 |
| 1355933 | | 1355933 | -1 | 3678 | 1243 | 211 | 296 | 65 | 5171 | 84 | 2071 | 45 | 1040 | 30 |
| 1355934 | | 1355934 | -1 | 4326 | 1595 | 266 | -1 | 231 | 6849 | 109 | 3145 | 59 | 1699 | 42 |
| 1355935 | | 1355935 | -1 | 3867 | 1048 | 227 | -1 | 209 | 4595 | 85 | 1915 | 46 | 1269 | 37 |
| 1355936 | | 1355936 | -1 | 5374 | 1670 | 317 | -1 | 283 | 12921 | 165 | 5064 | 80 | 2429 | 54 |
| 1355937 | | 1355937 | -1 | 2947 | 1413 | 188 | 529 | 60 | 3339 | 63 | 759 | 30 | 686 | 23 |
| 1355938 | | 1355938 | -1 | 3206 | 1081 | 197 | -1 | 169 | 4326 | 75 | 1333 | 37 | 1468 | 34 |
| 1355939 | | 1355939 | -1 | 3522 | 1147 | 225 | -1 | 191 | 2926 | 71 | 1896 | 45 | 1135 | 35 |
| 1355940 | | 1355940 | -1 | 2666 | 1000 | 173 | -1 | 143 | 2090 | 51 | 1041 | 32 | 760 | 25 |
| 1355941 | | 1355941 | -1 | 4155 | 906 | 244 | 295 | 85 | 4189 | 89 | 1405 | 44 | 3037 | 52 |
| 1355942 | | 1355942 | -1 | 4500 | 1562 | 275 | -1 | 240 | 4271 | 87 | 4455 | 68 | 1190 | 39 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355902 | 48 | 4 | 209 | 5 | 20610 | 118 | 365 | 26 | -1 | 15 | 12 | 2 | 147 | 3 | 8 |
| 1355903 | 43 | 4 | 229 | 5 | 18222 | 108 | 278 | 24 | -1 | 15 | 19 | 2 | 145 | 3 | 10.2 |
| 1355904 | -1 | 11 | 160 | 4 | 14815 | 84 | 424 | 21 | -1 | 13 | 13 | 2 | 55 | 2 | -1 |
| 1355905 | 36 | 6 | 234 | 7 | 19215 | 127 | 248 | 27 | -1 | 17 | 9 | 3 | 44 | 3 | 8.9 |
| 1355906 | 68 | 6 | 505 | 8 | 45213 | 231 | 601 | 37 | -1 | 18 | 39 | 3 | 70 | 2 | 5.1 |
| 1355907 | 32 | 4 | 283 | 5 | 24051 | 126 | 594 | 26 | -1 | 15 | 27 | 2 | 58 | 2 | 13.6 |
| 1355908 | 60 | 5 | 284 | 6 | 26750 | 141 | 510 | 28 | -1 | 16 | 27 | 2 | 60 | 2 | 11.8 |
| 1355909 | 48 | 4 | 251 | 5 | 22349 | 127 | 492 | 27 | -1 | 16 | 22 | 2 | 60 | 2 | -1 |
| 1355910 | 35 | 4 | 319 | 6 | 31772 | 168 | 639 | 31 | -1 | 17 | 36 | 3 | 73 | 3 | 118 |
| 1355911 | 35 | 3 | 229 | 5 | 20995 | 123 | 522 | 27 | -1 | 16 | 30 | 3 | 56 | 2 | 10.4 |
| 1355912 | 49 | 5 | 257 | 6 | 36567 | 203 | 640 | 36 | -1 | 18 | 19 | 3 | 100 | 3 | 11.3 |
| 1355913 | 76 | 6 | 377 | 7 | 41151 | 217 | 624 | 36 | -1 | 19 | 40 | 3 | 93 | 3 | -1 |
| 1355914 | 29 | 5 | 234 | 6 | 34218 | 177 | 594 | 32 | -1 | 17 | 21 | 2 | 76 | 2 | -1 |
| 1355915 | 27 | 3 | 200 | 4 | 11812 | 75 | 366 | 20 | -1 | 15 | 29 | 3 | 76 | 2 | 7.7 |
| 1355916 | 43 | 4 | 248 | 5 | 19065 | 111 | 317 | 24 | -1 | 15 | 23 | 2 | 82 | 3 | 13.4 |
| 1355917 | 28 | 3 | 158 | 4 | 12874 | 74 | 347 | 19 | -1 | 12 | 10 | 2 | 27.8 | 2 | 5.7 |
| 1355918 | 26 | 3 | 303 | 5 | 25189 | 142 | 859 | 30 | -1 | 16 | 33 | 3 | 50 | 2 | -1 |
| 1355919 | 53 | 4 | 273 | 5 | 17046 | 102 | 313 | 23 | -1 | 15 | 20 | 2 | 59 | 2 | 13.3 |
| 1355920 | 24 | 3 | 1029 | 9 | 18419 | 108 | 404 | 24 | -1 | 15 | 31 | 3 | 68 | 2 | 9.2 |
| 1355921 | 34 | 3 | 223 | 5 | 16818 | 100 | 427 | 24 | -1 | 14 | 25 | 3 | 127 | 3 | 5.5 |
| 1355922 | 40 | 4 | 236 | 5 | 19516 | 116 | 351 | 26 | -1 | 16 | 14 | 2 | 63 | 2 | 12.4 |
| 1355923 | 18 | 4 | 179 | 5 | 11989 | 76 | 252 | 20 | -1 | 14 | 10 | 2 | 31.4 | 2 | 8.7 |
| 1355924 | 30 | 3 | 224 | 5 | 14364 | 84 | 312 | 20 | -1 | 13 | 16 | 2 | 27.8 | 2 | 10.6 |
| 1355925 | 26 | 3 | 234 | 4 | 12468 | 78 | 264 | 20 | -1 | 14 | 9 | 2 | 39.1 | 2 | 4.2 |
| 1355926 | 35 | 4 | 306 | 6 | 23046 | 124 | 496 | 26 | -1 | 15 | 30 | 3 | 56 | 2 | 4.9 |
| 1355927 | 44 | 4 | 280 | 5 | 20162 | 118 | 311 | 26 | -1 | 16 | 27 | 3 | 62 | 2 | 14.2 |
| 1355928 | 60 | 5 | 277 | 6 | 23232 | 125 | 367 | 26 | -1 | 15 | 25 | 2 | 61 | 2 | 18.3 |
| 1355929 | 50 | 4 | 316 | 6 | 29172 | 164 | 410 | 31 | -1 | 18 | 42 | 3 | 64 | 2 | 34.8 |
| 1355930 | 16 | 2 | 154 | 3 | 8452 | 58 | 257 | 17 | -1 | 13 | 10 | 2 | 27.6 | 2 | 6.5 |
| 1355931 | 27 | 3 | 180 | 4 | 12398 | 79 | 345 | 20 | -1 | 14 | 24 | 2 | 43 | 2 | 11 |
| 1355932 | 42 | 4 | 222 | 5 | 20241 | 117 | 298 | 25 | -1 | 16 | 24 | 3 | 54 | 2 | 16.6 |
| 1355933 | 28 | 3 | 245 | 5 | 18851 | 112 | 418 | 25 | -1 | 16 | 35 | 3 | 48 | 2 | 25.5 |
| 1355934 | 48 | 4 | 282 | 6 | 27857 | 146 | 615 | 29 | -1 | 16 | 22 | 2 | 72 | 2 | 6.6 |
| 1355935 | 31 | 4 | 233 | 5 | 22220 | 127 | 459 | 27 | -1 | 16 | 19 | 2 | 54 | 2 | 17.2 |
| 1355936 | 65 | 5 | 377 | 7 | 38538 | 197 | 638 | 34 | -1 | 18 | 22 | 2 | 73 | 2 | -1 |
| 1355937 | 16 | 2 | 172 | 4 | 11125 | 72 | 312 | 19 | -1 | 14 | 20 | 2 | 42.2 | 2 | 9.8 |
| 1355938 | 35 | 3 | 246 | 4 | 15599 | 93 | 261 | 22 | -1 | 15 | 11 | 2 | 59 | 2 | 11.3 |
| 1355939 | 35 | 4 | 204 | 5 | 15788 | 95 | 320 | 23 | -1 | 16 | 30 | 3 | 65 | 2 | 12.3 |
| 1355940 | 26 | 3 | 185 | 4 | 11211 | 71 | 272 | 19 | -1 | 14 | 20 | 2 | 50 | 2 | 8.5 |
| 1355941 | 38 | 4 | 170 | 5 | 15579 | 88 | 262 | 21 | -1 | 13 | 8 | 2 | 44.2 | 2 | 9.7 |
| 1355942 | 30 | 4 | 369 | 7 | 36138 | 198 | 382 | 34 | -1 | 18 | 15 | 2 | 72 | 3 | -1 |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355902 | 1.4 | -1 | 1.8 | 171.1 | 1.9 | 131 | 11 | 170 | 14 | -1 | -19 | -1 | 8 | -1 | 10 | -1 |
| 1355903 | 1.3 | -1 | 1.8 | 77.8 | 1.3 | 101 | 8 | 325 | 26 | -1 | -22.9 | -1 | 7 | -1 | 10 | -1 |
| 1355904 | 3.2 | -1 | 1.7 | 101.7 | 1.3 | 95 | 9 | 213 | 19 | -1 | 22 | -1 | 8 | -1 | 11 | -1 |
| 1355905 | 1.4 | -1 | 1.9 | 56 | 1.3 | 86 | 11 | 237 | 28 | -1 | -30.1 | -1 | 11 | -1 | 15 | -1 |
| 1355906 | 1.4 | -1 | 1.9 | 161.6 | 1.8 | 101 | 9 | 213 | 18 | -1 | -22.1 | -1 | 7 | -1 | 10 | -1 |
| 1355907 | 1.3 | -1 | 1.7 | 156 | 1.7 | 105 | 9 | 250 | 20 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1355908 | 1.3 | -1 | 1.8 | 145.9 | 1.6 | 97 | 8 | 221 | 17 | -1 | -19 | -1 | 6 | -1 | 9 | -1 |
| 1355909 | 3.6 | -1 | 1.7 | 180.6 | 1.9 | 120 | 10 | 177 | 14 | -1 | 17 | -1 | 7 | -1 | 9 | -1 |
| 1355910 | 2 | -1 | 2 | 121.1 | 1.5 | 94 | 9 | 266 | 23 | -1 | -23.9 | -1 | 8 | -1 | 10 | -1 |
| 1355911 | 1.4 | -1 | 1.8 | 194 | 2 | 99 | 8 | 209 | 16 | -1 | 18 | -1 | 6 | -1 | 8 | -1 |
| 1355912 | 1.4 | -1 | 1.9 | 148.3 | 1.8 | 107 | 8 | 228 | 17 | -1 | -18.4 | -1 | 6 | -1 | 8 | -1 |
| 1355913 | 4.9 | -1 | 2 | 191 | 2 | 114 | 10 | 181 | 16 | -1 | -21.2 | -1 | 8 | -1 | 11 | -1 |
| 1355914 | 4 | -1 | 1.8 | 182 | 1.9 | 95 | 8 | 122 | 10 | -1 | 15 | -1 | 6 | -1 | 9 | -1 |
| 1355915 | 1.2 | -1 | 1.7 | 79 | 1.3 | 121 | 10 | 385 | 29 | -1 | 23 | -1 | 7 | -1 | 9 | -1 |
| 1355916 | 1.3 | -1 | 1.8 | 74.5 | 1.2 | 100 | 8 | 290 | 23 | -1 | -21.6 | -1 | 7 | -1 | 9 | -1 |
| 1355917 | 1.1 | -1 | 1.6 | 124.1 | 1.4 | 111 | 11 | 224 | 20 | -1 | -23.5 | -1 | 9 | -1 | 12 | -1 |
| 1355918 | 4.2 | -1 | 1.8 | 122.8 | 1.6 | 93 | 7 | 230 | 16 | -1 | -18 | -1 | 6 | -1 | 8 | -1 |
| 1355919 | 1.2 | -1 | 1.8 | 100.9 | 1.4 | 116 | 9 | 238 | 18 | -1 | -19.3 | -1 | 7 | -1 | 9 | -1 |
| 1355920 | 1.4 | -1 | 1.8 | 92.6 | 1.4 | 102 | 8 | 254 | 19 | -1 | 20 | -1 | 7 | -1 | 9 | -1 |
| 1355921 | 1.3 | -1 | 1.7 | 123.1 | 1.6 | 96 | 9 | 368 | 31 | -1 | 26 | -1 | 8 | -1 | 11 | -1 |
| 1355922 | 1.3 | -1 | 1.8 | 65.9 | 1.2 | 106 | 8 | 269 | 20 | -1 | 19 | -1 | 6 | -1 | 8 | -1 |
| 1355923 | 1.2 | -1 | 1.6 | 48.2 | 1 | 72 | 7 | 234 | 21 | -1 | -24.2 | -1 | 8 | -1 | 11 | -1 |
| 1355924 | 1.2 | -1 | 1.6 | 132 | 1.5 | 108 | 10 | 399 | 36 | 29 | 9 | -1 | 8 | -1 | 11 | -1 |
| 1355925 | 1.1 | -1 | 1.6 | 76.9 | 1.2 | 98 | 9 | 381 | 33 | -1 | 26 | -1 | 8 | -1 | 11 | 20 |
| 1355926 | 1.5 | -1 | 1.7 | 139.8 | 1.6 | 100 | 10 | 395 | 35 | -1 | 27 | -1 | 8 | -1 | 11 | -1 |
| 1355927 | 1.3 | -1 | 1.9 | 71 | 1.2 | 108 | 9 | 287 | 22 | -1 | -21.8 | -1 | 7 | -1 | 10 | -1 |
| 1355928 | 1.3 | -1 | 1.7 | 73.3 | 1.2 | 82 | 7 | 265 | 21 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1355929 | 1.7 | -1 | 1.9 | 98.7 | 1.5 | 79 | 6 | 247 | 18 | -1 | 19 | -1 | 6 | -1 | 9 | -1 |
| 1355930 | 1.1 | -1 | 1.7 | 37.3 | 0.9 | 70 | 5 | 287 | 21 | -1 | -19.7 | -1 | 6 | -1 | 8 | -1 |
| 1355931 | 1.3 | -1 | 1.7 | 63.7 | 1.1 | 73 | 6 | 346 | 24 | -1 | 20 | -1 | 6 | -1 | 8 | -1 |
| 1355932 | 1.3 | -1 | 1.9 | 69.7 | 1.2 | 98 | 8 | 298 | 24 | -1 | -22.6 | -1 | 7 | -1 | 10 | -1 |
| 1355933 | 1.5 | -1 | 1.9 | 107 | 1.5 | 75 | 6 | 407 | 30 | 28 | 8 | -1 | 6 | -1 | 8 | -1 |
| 1355934 | 1.2 | -1 | 1.8 | 206 | 2 | 126 | 11 | 244 | 21 | -1 | 21 | -1 | 8 | -1 | 11 | 16 |
| 1355935 | 1.4 | -1 | 1.7 | 83.8 | 1.3 | 104 | 8 | 219 | 17 | -1 | -19.4 | -1 | 7 | -1 | 10 | -1 |
| 1355936 | 3.8 | -1 | 1.8 | 196.6 | 2 | 106 | 8 | 139 | 11 | -1 | -15.9 | -1 | 6 | -1 | 8 | 12 |
| 1355937 | 1.2 | -1 | 1.7 | 50.2 | 1 | 79 | 6 | 357 | 27 | -1 | 22 | -1 | 7 | -1 | 10 | -1 |
| 1355938 | 1.2 | -1 | 1.7 | 51.6 | 1 | 90 | 7 | 298 | 22 | -1 | 21 | -1 | 7 | -1 | 10 | -1 |
| 1355939 | 1.3 | -1 | 1.8 | 65.9 | 1.2 | 86 | 7 | 269 | 21 | -1 | -21.1 | -1 | 7 | -1 | 9 | -1 |
| 1355940 | 1.1 | -1 | 1.7 | 49.1 | 1 | 82 | 6 | 277 | 20 | -1 | -19.2 | -1 | 6 | -1 | 8 | -1 |
| 1355941 | 1.1 | -1 | 1.5 | 44.1 | 0.9 | 87 | 9 | 332 | 31 | -1 | -27.2 | -1 | 9 | -1 | 12 | -1 |
| 1355942 | 3.5 | -1 | 1.9 | 23.2 | 0.8 | 51 | 4 | 231 | 17 | -1 | 18 | -1 | 7 | -1 | 9 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355902 | 15 | -1 | 18 | 329 | 14 | -1 | 15 | -1 | 4 | 31.3 | 1.8 | Soil | PASS | 88.04 |
| 1355903 | 14 | -1 | 18 | 457 | 17 | -1 | 15 | -1 | 3.9 | 17.9 | 1.6 | Soil | PASS | 88.38 |
| 1355904 | 16 | -1 | 21 | 1302 | 41 | -1 | 14 | -1 | 3.7 | 18.8 | 1.4 | Soil | PASS | 90.35 |
| 1355905 | 21 | -1 | 28 | 494 | 24 | -1 | 16 | -1 | 4.5 | 19.4 | 1.8 | Soil | PASS | 91.67 |
| 1355906 | 13 | -1 | 17 | 516 | 22 | -1 | 15 | 4.2 | 1.4 | 31.7 | 1.9 | Soil | PASS | 90.3 |
| 1355907 | 14 | -1 | 17 | 324 | 15 | -1 | 14 | -1 | 3.7 | 20.3 | 1.5 | Soil | PASS | 90.26 |
| 1355908 | 12 | -1 | 15 | 415 | 18 | -1 | 14 | -1 | 3.9 | 25.1 | 1.6 | Soil | PASS | 90.23 |
| 1355909 | 12 | -1 | 16 | 294 | 14 | -1 | 14 | 4.3 | 1.4 | 23.9 | 1.7 | Soil | PASS | 88.16 |
| 1355910 | 14 | -1 | 18 | 303 | 16 | -1 | 20 | -1 | 4 | 31.5 | 1.8 | Soil | PASS | 90.71 |
| 1355911 | 12 | -1 | 15 | 249 | 13 | -1 | 15 | -1 | 4.2 | 23.4 | 1.7 | Soil | PASS | 88.17 |
| 1355912 | 11 | -1 | 14 | 370 | 18 | -1 | 16 | 4.8 | 1.5 | 18.4 | 1.7 | Soil | PASS | 88.28 |
| 1355913 | 15 | -1 | 19 | 497 | 22 | -1 | 16 | 5.2 | 1.5 | 54 | 2 | Soil | PASS | 90.57 |
| 1355914 | 12 | -1 | 15 | 891 | 33 | -1 | 15 | -1 | 4 | 32.1 | 1.8 | Soil | PASS | 90.23 |
| 1355915 | 13 | -1 | 17 | 293 | 11 | -1 | 15 | -1 | 3.9 | 19 | 1.5 | Soil | PASS | 88.2 |
| 1355916 | 13 | -1 | 17 | 474 | 16 | -1 | 15 | -1 | 3.9 | 20.8 | 1.6 | Soil | PASS | 88.26 |
| 1355917 | 17 | -1 | 22 | 203 | 11 | -1 | 13 | -1 | 3.5 | 19.1 | 1.4 | Soil | PASS | 90.28 |
| 1355918 | 11 | -1 | 14 | 291 | 13 | -1 | 15 | -1 | 4.1 | 36.6 | 1.9 | Soil | PASS | 88.33 |
| 1355919 | 13 | -1 | 17 | 560 | 17 | -1 | 15 | -1 | 3.9 | 14.8 | 1.5 | Soil | PASS | 88.26 |
| 1355920 | 13 | -1 | 17 | 225 | 11 | -1 | 15 | -1 | 3.7 | 33.1 | 1.8 | Soil | PASS | 88.1 |
| 1355921 | 16 | -1 | 20 | 197 | 12 | -1 | 15 | -1 | 3.7 | 24.4 | 1.6 | Soil | PASS | 88.43 |
| 1355922 | 12 | -1 | 16 | 441 | 16 | -1 | 15 | -1 | 4.1 | 13.6 | 1.5 | Soil | PASS | 88.02 |
| 1355923 | 15 | -1 | 20 | 244 | 14 | -1 | 14 | -1 | 3.8 | 15.8 | 1.5 | Soil | PASS | 91.08 |
| 1355924 | 15 | -1 | 20 | 241 | 13 | -1 | 14 | -1 | 3.6 | 17.4 | 1.5 | Soil | PASS | 90.72 |
| 1355925 | 6 | -1 | 21 | 152 | 10 | -1 | 14 | -1 | 3.6 | 15.6 | 1.5 | Soil | PASS | 88.41 |
| 1355926 | 16 | -1 | 21 | 259 | 14 | -1 | 14 | -1 | 3.9 | 52.8 | 2 | Soil | PASS | 90.53 |
| 1355927 | 13 | -1 | 18 | 620 | 20 | -1 | 15 | -1 | 4 | 19.6 | 1.6 | Soil | PASS | 88.15 |
| 1355928 | 13 | -1 | 17 | 686 | 20 | -1 | 14 | 4.1 | 1.3 | 17.8 | 1.5 | Soil | PASS | 90.4 |
| 1355929 | 12 | -1 | 16 | 539 | 18 | -1 | 17 | -1 | 4.3 | 27.2 | 1.8 | Soil | PASS | 88.06 |
| 1355930 | 12 | -1 | 16 | 188 | 9 | -1 | 14 | -1 | 3.5 | 14.3 | 1.4 | Soil | PASS | 88.17 |
| 1355931 | 11 | -1 | 15 | 199 | 10 | -1 | 14 | -1 | 3.9 | 20.2 | 1.6 | Soil | PASS | 87.99 |
| 1355932 | 14 | -1 | 18 | 402 | 15 | -1 | 15 | -1 | 4 | 18.1 | 1.6 | Soil | PASS | 88.11 |
| 1355933 | 12 | -1 | 15 | 259 | 12 | -1 | 16 | -1 | 4.1 | 23.4 | 1.7 | Soil | PASS | 88.19 |
| 1355934 | 5 | -1 | 18 | 345 | 16 | -1 | 14 | -1 | 3.9 | 22.4 | 1.6 | Soil | PASS | 90.17 |
| 1355935 | 13 | -1 | 18 | 359 | 15 | -1 | 15 | -1 | 3.9 | 21.7 | 1.6 | Soil | PASS | 88.23 |
| 1355936 | 4 | -1 | 15 | 480 | 21 | -1 | 15 | 8.3 | 1.5 | 26.5 | 1.7 | Soil | PASS | 90.14 |
| 1355937 | 14 | -1 | 18 | 181 | 9 | -1 | 14 | -1 | 3.8 | 15.5 | 1.4 | Soil | PASS | 87.97 |
| 1355938 | 13 | -1 | 17 | 351 | 13 | -1 | 14 | -1 | 3.6 | 15.8 | 1.5 | Soil | PASS | 88.03 |
| 1355939 | 13 | -1 | 18 | 384 | 15 | -1 | 15 | -1 | 3.7 | 19 | 1.6 | Soil | PASS | 88.31 |
| 1355940 | 12 | -1 | 16 | 223 | 10 | -1 | 14 | -1 | 3.7 | 13.8 | 1.4 | Soil | PASS | 88.1 |
| 1355941 | 18 | -1 | 23 | 430 | 18 | -1 | 13 | -1 | 3.4 | 14.8 | 1.4 | Soil | PASS | 90.46 |
| 1355942 | 12 | -1 | 16 | 267 | 16 | -1 | 15 | -1 | 4.1 | 17 | 1.6 | Soil | PASS | 88.18 |

| sample_id | project | Zone | eastin | northing | colour | text | moisture | slope | depth | horizon | site_veget |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355943 | HES | 8 | 568361 | 7025664 | Chocolate Brown | Clay | Damp | Subtle Slope | 30 | B | Pine |
| 1355944 | HES | 8 | 568344 | 7025678 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | C | Pine |
| 1355945 | HES | 8 | 568330 | 7025691 | Chocolate Brown | Silt | Dry | Subtle Slope | 60 | C | Pine |
| 1355946 | HES | 8 | 568316 | 7025705 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Pine |
| 1355947 | HES | 8 | 567349 | 7026312 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Poplar |
| 1355948 | HES | 8 | 567333 | 7026325 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Poplar |
| 1355949 | HES | 8 | 567318 | 7026339 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Poplar |
| 1355950 | HES | 8 | 567297 | 7026344 | Reddish Brown | Silt | Damp | Subtle Slope | 20 | C | Black Spruce |
| 1355952 | HES | 8 | 567338 | 7026358 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Black Spruce |
| 1355953 | HES | 8 | 567355 | 7026347 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Poplar |
| 1355954 | HES | 8 | 567369 | 7026333 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Black Spruce |
| 1355955 | HES | 8 | 567385 | 7026320 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1355956 | HES | 8 | 567452 | 7026351 | Chocolate Brown | Silt | Dry | Subtle Slope | 50 | C | Dwarf Birch |
| 1355957 | HES | 8 | 567464 | 7026335 | Dark Brown | Silt | Dry | Subtle Slope | 50 | C | Black Spruce |
| 1355958 | HES | 8 | 567483 | 7026326 | Chocolate Brown | Gravel | Dry | Subtle Slope | 30 | C | Poplar |
| 1355959 | HES | 8 | 567500 | 7026314 | Dark Brown | Sand | Dry | Subtle Slope | 40 | C | Black Spruce |
| 1355960 | HES | 8 | 567512 | 7026298 | Chocolate Brown | Sand | Dry | Subtle Slope | 40 | C | Poplar |
| 1355961 | HES | 8 | 567523 | 7026281 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Poplar |
| 1355962 | HES | 8 | 567511 | 7026277 | Chocolate Brown | Silt | Wet | Subtle Slope | 20 | B | Poplar |
| 1355963 | HES | 8 | 567493 | 7026288 | Chocolate Brown | Sand | Damp | Subtle Slope | 10 | C | Poplar |
| 1355964 | HES | 8 | 567477 | 7026301 | Chocolate Brown | Sand | Damp | Subtle Slope | 40 | C | Black Spruce |
| 1355965 | HES | 8 | 567460 | 7026311 | Dark Brown | Sand | Dry | Subtle Slope | 60 | C | Black Spruce |
| 1355966 | HES | 8 | 567537 | 7026303 | Grey | Sand | Damp | Subtle Slope | 50 | C | Black Spruce |
| 1355967 | HES | 8 | 567550 | 7026288 | Chocolate Brown | Sand | Damp | Subtle Slope | 30 | C | Poplar |
| 1355968 | HES | 8 | 567564 | 7026273 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Poplar |
| 1355969 | HES | 8 | 567577 | 7026258 | Chocolate Brown | Silt | Damp | Subtle Slope | 30 | B | Poplar |
| 1355970 | HES | 8 | 567580 | 7026238 | Chocolate Brown | Silt | Damp | Subtle Slope | 20 | B | Poplar |
| 1355971 | HES | 8 | 567549 | 7026259 | Chocolate Brown | Silt | Damp | Subtle Slope | 50 | B | Poplar |
| 1355972 | HES | 8 | 567537 | 7026276 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Poplar |
| 1355973 | HES | 8 | 567529 | 7026294 | Chocolate Brown | Silt | Damp | Subtle Slope | 40 | B | Poplar |
| 1355974 | HES | 8 | 567519 | 7026311 | Grey | Sand | Dry | Subtle Slope | 50 | C | Poplar |
| 1355975 | HES | 8 | 567519 | 7026311 | Light Bluish Grey | Sand | Dry | Subtle Slope | 60 | C | Poplar |

| sample_id | ground_cov | quality | note1 | note2 | remarks |
|---|---|---|---|---|---|
| 1355943 | Thin Moss Cover | Good | Sandy | Rocky Terrain | |
| 1355944 | Sphagnum Moss < 30cm | Good | Sandy | | |
| 1355945 | Thin Moss Cover | Excellent | Coarse | | schist , grey |
| 1355946 | Needle Cover | Excellent | Coarse | | |
| 1355947 | Thin Moss Cover | Poor | Clay | | |
| 1355948 | Thin Moss Cover | Good | Sandy | | |
| 1355949 | Thin Moss Cover | Poor | Clay | | |
| 1355950 | Thin Moss Cover | Good | Coarse | | schist |
| 1355952 | Thin Moss Cover | Good | Clay | Outcrop Nearby | |
| 1355953 | Thin Moss Cover | Good | Clay | | |
| 1355954 | Thin Moss Cover | Good | Sandy | | |
| 1355955 | Thin Moss Cover | Excellent | Coarse | | |
| 1355956 | Thin Moss Cover | Excellent | Coarse | | schist |
| 1355957 | Thin Moss Cover | Excellent | Coarse | | schist |
| 1355958 | Thin Moss Cover | Excellent | Rocky Sample | | |
| 1355959 | Thin Moss Cover | Excellent | Coarse | | schist |
| 1355960 | Thin Moss Cover | Excellent | Coarse | Outcrop Nearby | schist |
| 1355961 | Thin Moss Cover | Excellent | Coarse | Outcrop Nearby | |
| 1355962 | Thin Moss Cover | Good | Clay | | quartz nearby |
| 1355963 | Thin Moss Cover | Excellent | Coarse | Quartz Chips | below outcrop |
| 1355964 | Thin Moss Cover | Good | Coarse | | quartz nearby |
| 1355965 | Thin Moss Cover | Excellent | Fine | | |
| 1355966 | Thin Moss Cover | Excellent | Coarse | Dull Red Rust | |
| 1355967 | Thin Moss Cover | Good | Coarse | | and silt |
| 1355968 | Thin Moss Cover | Good | Coarse | Sandy | |
| 1355969 | Thin Moss Cover | Good | Sandy | | |
| 1355970 | Thin Moss Cover | Good | Clay | | |
| 1355971 | Thin Moss Cover | Good | | | |
| 1355972 | Thin Moss Cover | Good | | | |
| 1355973 | Thin Moss Cover | Good | Clay | | quartz vein nearby |
| 1355974 | Thin Moss Cover | Excellent | Coarse | | metallic and greasy |
| 1355975 | Thin Moss Cover | Excellent | Coarse | | greasy |

| sample_id | dupe_of_id | SampleID | P | P_prec | S | S_prec | Cl | Cl_prec | K | K_prec | Ca | Ca_prec | Ti | Ti_prec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355943 | | 1355943 | -1 | 3580 | 1402 | 225 | 405 | 72 | 3690 | 73 | 2088 | 45 | 1687 | 38 |
| 1355944 | | 1355944 | -1 | 4198 | 1321 | 240 | -1 | 308 | 3022 | 64 | 11420 | 96 | 34198 | 193 |
| 1355945 | | 1355945 | -1 | 4035 | 2305 | 256 | 353 | 83 | 5277 | 88 | 3173 | 54 | 8146 | 77 |
| 1355946 | | 1355946 | -1 | 3254 | 1663 | 211 | 254 | 64 | 2415 | 59 | 2404 | 45 | 3039 | 42 |
| 1355947 | | 1355947 | -1 | 3731 | 921 | 220 | -1 | 211 | 3744 | 80 | 971 | 38 | 1093 | 36 |
| 1355948 | | 1355948 | -1 | 4162 | 1466 | 252 | 331 | 78 | 2777 | 72 | 2096 | 49 | 791 | 34 |
| 1355949 | | 1355949 | -1 | 3700 | 840 | 232 | 254 | 78 | 1868 | 68 | 440 | 33 | 647 | 30 |
| 1355950 | | 1355950 | -1 | 3980 | 1233 | 243 | 430 | 79 | 3838 | 81 | 1769 | 46 | 903 | 33 |
| 1355952 | | 1355952 | -1 | 5781 | 1718 | 386 | -1 | 378 | 2486 | 111 | 2580 | 73 | 1276 | 49 |
| 1355953 | | 1355953 | -1 | 2967 | 1144 | 194 | 371 | 64 | 1675 | 52 | 885 | 32 | 1715 | 33 |
| 1355954 | | 1355954 | -1 | 3811 | 1436 | 244 | -1 | 218 | 4060 | 83 | 1889 | 46 | 1513 | 42 |
| 1355955 | | 1355955 | -1 | 3645 | 1465 | 218 | 475 | 69 | 2437 | 62 | 3246 | 53 | 625 | 27 |
| 1355956 | | 1355956 | -1 | 3929 | 1115 | 225 | -1 | 205 | 3906 | 79 | 4521 | 65 | 824 | 31 |
| 1355957 | | 1355957 | -1 | 5773 | 1903 | 335 | 617 | 109 | 16611 | 196 | 3174 | 69 | 2827 | 59 |
| 1355958 | | 1355958 | -1 | 3736 | 1008 | 205 | -1 | 193 | 11756 | 127 | 2659 | 50 | 1900 | 37 |
| 1355959 | | 1355959 | -1 | 3276 | 1083 | 194 | -1 | 176 | 2739 | 61 | 3233 | 50 | 1859 | 34 |
| 1355960 | | 1355960 | -1 | 4891 | 988 | 267 | 379 | 92 | 3697 | 92 | 3476 | 66 | 1919 | 44 |
| 1355961 | | 1355961 | -1 | 4560 | 1198 | 274 | 326 | 91 | 4464 | 97 | 4808 | 76 | 2300 | 48 |
| 1355962 | | 1355962 | -1 | 3700 | 717 | 218 | -1 | 224 | 1980 | 64 | 1358 | 41 | 2034 | 41 |
| 1355963 | | 1355963 | -1 | 4064 | 1927 | 243 | -1 | 197 | 2362 | 62 | 4484 | 63 | 942 | 30 |
| 1355964 | | 1355964 | -1 | 3768 | 1356 | 237 | 408 | 77 | 5613 | 96 | 2281 | 50 | 1433 | 37 |
| 1355965 | | 1355965 | -1 | 4345 | 1637 | 261 | 397 | 81 | 3127 | 75 | 3784 | 62 | 1762 | 42 |
| 1355966 | | 1355966 | -1 | 4045 | 1358 | 231 | 305 | 71 | 3581 | 75 | 4577 | 64 | 964 | 31 |
| 1355967 | | 1355967 | -1 | 4780 | 1013 | 279 | 348 | 94 | 6934 | 119 | 3088 | 63 | 2139 | 51 |
| 1355968 | | 1355968 | -1 | 3648 | 1239 | 231 | 259 | 73 | 2421 | 65 | 1900 | 45 | 2079 | 41 |
| 1355969 | | 1355969 | -1 | 3543 | 1035 | 201 | -1 | 184 | 3298 | 68 | 2224 | 45 | 1613 | 34 |
| 1355970 | | 1355970 | -1 | 3468 | 1987 | 237 | -1 | 193 | 1638 | 54 | 2551 | 48 | 732 | 29 |
| 1355971 | | 1355971 | -1 | 4121 | 1079 | 242 | -1 | 231 | 4697 | 90 | 3837 | 62 | 1665 | 42 |
| 1355972 | | 1355972 | -1 | 3912 | 1167 | 260 | 341 | 88 | 1760 | 71 | 2566 | 57 | 1609 | 41 |
| 1355973 | | 1355973 | -1 | 4354 | 944 | 256 | -1 | 256 | 1704 | 71 | 1451 | 47 | 1401 | 39 |
| 1355974 | | 1355974 | -1 | 3947 | 1834 | 253 | 292 | 74 | 5057 | 89 | 3920 | 61 | 1396 | 37 |
| 1355975 | 1355974 | 1355975 | -1 | 4551 | 1960 | 292 | -1 | 255 | 10975 | 144 | 3895 | 68 | 2605 | 52 |

| sample_id | Cr | Cr_prec | Mn | Mn_prec | Fe | Fe_prec | Co | Co_prec | Ni | Ni_prec | Cu | Cu_prec | Zn | Zn_prec | As |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355943 | 40 | 4 | 195 | 4 | 17714 | 105 | 313 | 24 | -1 | 15 | 14 | 2 | 56 | 2 | **8.1** |
| 1355944 | -1 | 9 | 127 | 3 | 12138 | 77 | 342 | 20 | -1 | 14 | 22 | 2 | 54 | 2 | **11** |
| 1355945 | 18 | 3 | 220 | 5 | 19264 | 113 | 491 | 25 | -1 | 15 | 26 | 3 | 56 | 2 | **6.2** |
| 1355946 | 12 | 3 | 219 | 4 | 11733 | 75 | 311 | 20 | -1 | 14 | 30 | 3 | 33.9 | 2 | **11** |
| 1355947 | 36 | 4 | 193 | 5 | 14023 | 80 | 337 | 20 | -1 | 13 | 14 | 2 | 58 | 2 | **10.6** |
| 1355948 | 23 | 4 | 275 | 6 | 23867 | 135 | 536 | 28 | -1 | 16 | 25 | 3 | 61 | 2 | **11.6** |
| 1355949 | 17 | 3 | 189 | 5 | 11934 | 74 | 309 | 19 | -1 | 13 | 19 | 2 | 33.8 | 2 | **7.9** |
| 1355950 | 29 | 4 | 212 | 5 | 29290 | 162 | 838 | 32 | -1 | 16 | 19 | 2 | 41 | 2 | **-1** |
| 1355952 | 17 | 4 | 184 | 6 | 10531 | 80 | 229 | 21 | -1 | 16 | -1 | 8 | 19 | 2 | **9.9** |
| 1355953 | 26 | 3 | 166 | 4 | 9038 | 56 | 254 | 16 | -1 | 12 | 12 | 2 | 30.8 | 2 | **3.4** |
| 1355954 | 54 | 4 | 250 | 5 | 17299 | 103 | 277 | 23 | -1 | 15 | 24 | 3 | 50 | 2 | **11.8** |
| 1355955 | 22 | 3 | 274 | 5 | 12751 | 80 | 304 | 20 | -1 | 14 | 16 | 2 | 42 | 2 | **8.2** |
| 1355956 | 36 | 3 | 247 | 5 | 18354 | 99 | 502 | 23 | -1 | 14 | 14 | 2 | 120 | 3 | **6.4** |
| 1355957 | 51 | 5 | 362 | 7 | 45266 | 231 | 973 | 38 | -1 | 20 | 43 | 3 | 190 | 4 | **-1** |
| 1355958 | 38 | 3 | 220 | 4 | 12208 | 77 | 107 | 19 | -1 | 13 | -1 | 6 | 36.9 | 2 | **12.1** |
| 1355959 | 23 | 3 | 251 | 4 | 14108 | 86 | 378 | 21 | -1 | 15 | 26 | 2 | 79 | 2 | **12.5** |
| 1355960 | 32 | 4 | 231 | 5 | 18800 | 111 | 454 | 25 | -1 | 15 | 13 | 2 | 41 | 2 | **-1** |
| 1355961 | 46 | 4 | 302 | 6 | 18337 | 105 | 367 | 24 | -1 | 14 | 25 | 2 | 43 | 2 | **9.2** |
| 1355962 | 29 | 3 | 195 | 5 | 13558 | 78 | 339 | 20 | -1 | 13 | 9 | 2 | 46.5 | 2 | **6.8** |
| 1355963 | 25 | 3 | 278 | 5 | 20127 | 117 | 459 | 26 | -1 | 15 | 16 | 2 | 84 | 3 | **17.6** |
| 1355964 | 29 | 3 | 233 | 5 | 15507 | 94 | 307 | 22 | -1 | 14 | 14 | 2 | 48 | 2 | **6.9** |
| 1355965 | 29 | 4 | 286 | 6 | 28083 | 144 | 696 | 29 | -1 | 17 | 52 | 3 | 49 | 2 | **15.6** |
| 1355966 | 30 | 3 | 268 | 5 | 20221 | 117 | 522 | 26 | -1 | 15 | 12 | 2 | 43 | 2 | **-1** |
| 1355967 | 56 | 5 | 307 | 6 | 22910 | 122 | 334 | 25 | -1 | 15 | 27 | 2 | 76 | 2 | **8.8** |
| 1355968 | 25 | 3 | 214 | 5 | 18425 | 107 | 392 | 24 | -1 | 15 | 12 | 2 | 35.5 | 2 | **5.8** |
| 1355969 | 27 | 3 | 230 | 4 | 15791 | 95 | 433 | 23 | -1 | 15 | 25 | 2 | 57 | 2 | **10.2** |
| 1355970 | 20 | 3 | 271 | 5 | 15613 | 93 | 405 | 23 | -1 | 15 | 10 | 2 | 54 | 2 | **9.9** |
| 1355971 | 35 | 4 | 278 | 5 | 18220 | 107 | 323 | 24 | -1 | 16 | 28 | 3 | 75 | 3 | **11.2** |
| 1355972 | 27 | 3 | 219 | 5 | 10667 | 70 | 281 | 19 | -1 | 14 | 19 | 2 | 48 | 2 | **8.3** |
| 1355973 | 25 | 3 | 189 | 5 | 11797 | 75 | 336 | 20 | -1 | 14 | 21 | 2 | 28 | 2 | **8.5** |
| 1355974 | 35 | 4 | 330 | 6 | 20918 | 121 | 350 | 26 | -1 | 15 | 18 | 2 | 38.3 | 2 | **-1** |
| 1355975 | 76 | 5 | 238 | 6 | 26026 | 147 | 430 | 29 | -1 | 16 | 16 | 2 | 43 | 2 | **-1** |

| sample_id | As_prec | Se | Se_prec | Rb | Rb_prec | Sr | Sr_prec | Zr | Zr_prec | Mo | Mo_prec | Ag | Ag_prec | Cd | Cd_prec | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355943 | 1.2 | -1 | 1.8 | 32.3 | 0.9 | 72 | 6 | 312 | 22 | -1 | 20 | -1 | 6 | -1 | 9 | -1 |
| 1355944 | 1.2 | -1 | 1.7 | 67 | 1.2 | 60 | 5 | 168 | 13 | -1 | -17.1 | -1 | 6 | -1 | 9 | -1 |
| 1355945 | 1.4 | -1 | 1.8 | 167.9 | 1.9 | 103 | 8 | 236 | 19 | -1 | 20 | -1 | 7 | -1 | 9 | -1 |
| 1355946 | 1.2 | -1 | 1.7 | 62.3 | 1.1 | 62 | 6 | 279 | 23 | -1 | 22 | -1 | 8 | -1 | 10 | -1 |
| 1355947 | 1.1 | -1 | 1.7 | 56.4 | 1 | 67 | 6 | 239 | 19 | -1 | -20.3 | -1 | 7 | -1 | 9 | -1 |
| 1355948 | 1.4 | -1 | 1.8 | 89.9 | 1.4 | 74 | 7 | 233 | 19 | -1 | 20 | -1 | 8 | -1 | 10 | -1 |
| 1355949 | 1.1 | -1 | 1.6 | 51.8 | 1 | 80 | 8 | 254 | 23 | -1 | 23 | -1 | 7 | -1 | 11 | -1 |
| 1355950 | 3.8 | -1 | 1.7 | 163.1 | 1.9 | 91 | 8 | 177 | 14 | -1 | 18 | -1 | 7 | -1 | 10 | -1 |
| 1355952 | 1.3 | -1 | 2 | 37.1 | 1.1 | 62 | 8 | 209 | 24 | -1 | -27.8 | -1 | 10 | -1 | 14 | -1 |
| 1355953 | 1 | -1 | 1.4 | 48.1 | 0.9 | 82 | 8 | 282 | 25 | -1 | -24.3 | -1 | 8 | -1 | 11 | -1 |
| 1355954 | 1.3 | -1 | 1.7 | 61.4 | 1.1 | 81 | 7 | 249 | 19 | -1 | -20.6 | -1 | 7 | -1 | 9 | -1 |
| 1355955 | 1.2 | -1 | 1.6 | 68 | 1.2 | 87 | 7 | 245 | 20 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1355956 | 1.2 | -1 | 1.6 | 136.2 | 1.5 | 144 | 13 | 201 | 17 | -1 | -21.2 | -1 | 8 | -1 | 11 | -1 |
| 1355957 | 4.1 | -1 | 1.8 | 166.3 | 1.8 | 117 | 10 | 213 | 18 | -1 | -22.2 | -1 | 7 | -1 | 10 | -1 |
| 1355958 | 1.1 | -1 | 1.7 | 58.7 | 1.1 | 88 | 7 | 389 | 29 | -1 | 23 | -1 | 7 | -1 | 9 | -1 |
| 1355959 | 1.3 | -1 | 1.7 | 76.5 | 1.2 | 97 | 8 | 305 | 23 | -1 | 21 | -1 | 6 | -1 | 9 | -1 |
| 1355960 | 4 | -1 | 1.8 | 176.4 | 1.9 | 121 | 13 | 185 | 19 | -1 | -23.5 | -1 | 9 | -1 | 12 | -1 |
| 1355961 | 1.2 | -1 | 1.6 | 89.1 | 1.3 | 88 | 9 | 182 | 17 | -1 | -21.6 | -1 | 8 | -1 | 11 | -1 |
| 1355962 | 1.1 | -1 | 1.5 | 39 | 0.9 | 71 | 7 | 302 | 26 | -1 | -24.5 | -1 | 8 | -1 | 11 | -1 |
| 1355963 | 1.3 | -1 | 1.7 | 87.7 | 1.3 | 83 | 7 | 239 | 20 | -1 | 21 | -1 | 8 | -1 | 11 | -1 |
| 1355964 | 1.2 | -1 | 1.8 | 67.7 | 1.2 | 73 | 6 | 269 | 21 | -1 | -21.2 | -1 | 7 | -1 | 10 | -1 |
| 1355965 | 1.3 | -1 | 1.7 | 116 | 1.4 | 105 | 9 | 214 | 18 | -1 | -21.7 | -1 | 7 | -1 | 10 | -1 |
| 1355966 | 3.7 | 2 | 0.6 | 144.3 | 1.7 | 109 | 9 | 211 | 17 | -1 | -20.8 | -1 | 7 | -1 | 10 | -1 |
| 1355967 | 1.2 | -1 | 1.7 | 61.5 | 1.1 | 74 | 6 | 210 | 16 | -1 | 18 | -1 | 6 | -1 | 9 | -1 |
| 1355968 | 1.2 | -1 | 1.7 | 47.1 | 1 | 66 | 6 | 234 | 19 | -1 | 20 | -1 | 7 | -1 | 10 | -1 |
| 1355969 | 1.4 | -1 | 1.8 | 81.7 | 1.3 | 75 | 6 | 210 | 15 | -1 | -17.8 | -1 | 6 | -1 | 8 | -1 |
| 1355970 | 1.2 | -1 | 1.6 | 54.2 | 1.1 | 67 | 6 | 241 | 18 | -1 | -20.3 | -1 | 7 | -1 | 9 | -1 |
| 1355971 | 1.3 | -1 | 1.8 | 79.3 | 1.3 | 103 | 8 | 229 | 18 | -1 | 19 | -1 | 7 | -1 | 9 | -1 |
| 1355972 | 1.2 | -1 | 1.7 | 54.1 | 1.1 | 65 | 6 | 180 | 16 | -1 | -20 | -1 | 7 | -1 | 10 | -1 |
| 1355973 | 1.2 | -1 | 1.7 | 50.1 | 1.1 | 86 | 9 | 209 | 21 | -1 | -23.7 | -1 | 9 | -1 | 12 | -1 |
| 1355974 | 3.7 | -1 | 1.8 | 140.1 | 1.7 | 90 | 7 | 250 | 18 | -1 | 18 | -1 | 6 | -1 | 8 | -1 |
| 1355975 | 4.5 | -1 | 1.8 | 217 | 2 | 132 | 10 | 159 | 12 | -1 | 16 | -1 | 6 | -1 | 9 | -1 |

| sample_id | Sn_prec | Sb | Sb_prec | Ba | Ba_prec | Au | Au_prec | Hg | Hg_prec | Pb | Pb_prec | Mode | Pass_Fail | ElapsedTimeTotal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1355943 | 12 | -1 | 16 | 368 | 15 | -1 | 15 | -1 | 3.9 | 16.1 | 1.5 | Soil | PASS | 88.07 |
| 1355944 | 12 | -1 | 16 | 1104 | 34 | -1 | 15 | -1 | 3.7 | 19 | 1.5 | Soil | PASS | 88.03 |
| 1355945 | 12 | -1 | 16 | 656 | 22 | -1 | 15 | 6.1 | 1.4 | 31.7 | 1.8 | Soil | PASS | 88.15 |
| 1355946 | 14 | -1 | 19 | 299 | 14 | -1 | 14 | -1 | 3.7 | 19.9 | 1.5 | Soil | PASS | 88.5 |
| 1355947 | 13 | -1 | 17 | 411 | 15 | -1 | 14 | -1 | 3.6 | 16.1 | 1.4 | Soil | PASS | 90.4 |
| 1355948 | 14 | -1 | 19 | 287 | 14 | -1 | 15 | -1 | 3.8 | 28.9 | 1.7 | Soil | PASS | 88.26 |
| 1355949 | 15 | -1 | 20 | 203 | 12 | -1 | 14 | -1 | 3.5 | 16.5 | 1.4 | Soil | PASS | 90.95 |
| 1355950 | 13 | -1 | 17 | 225 | 14 | -1 | 14 | -1 | 4.1 | 24.5 | 1.7 | Soil | PASS | 88.38 |
| 1355952 | 18 | -1 | 25 | 318 | 19 | -1 | 17 | -1 | 4.4 | 10.3 | 1.6 | Soil | PASS | 91.74 |
| 1355953 | 16 | -1 | 22 | 205 | 12 | -1 | 12 | -1 | 3.3 | 16.3 | 1.3 | Soil | PASS | 90.33 |
| 1355954 | 13 | -1 | 17 | 575 | 17 | -1 | 14 | -1 | 4 | 16.9 | 1.5 | Soil | PASS | 88.41 |
| 1355955 | 14 | -1 | 18 | 281 | 12 | -1 | 14 | -1 | 3.6 | 14.7 | 1.5 | Soil | PASS | 88.26 |
| 1355956 | 15 | -1 | 19 | 269 | 13 | -1 | 13 | -1 | 3.6 | 22.8 | 1.5 | Soil | PASS | 90.21 |
| 1355957 | 14 | -1 | 18 | 528 | 22 | -1 | 15 | -1 | 4.1 | 36.8 | 1.9 | Soil | PASS | 90.05 |
| 1355958 | 13 | -1 | 17 | 373 | 14 | -1 | 14 | -1 | 3.6 | 7.4 | 1.3 | Soil | PASS | 88.02 |
| 1355959 | 13 | -1 | 17 | 211 | 12 | -1 | 14 | -1 | 3.8 | 24.1 | 1.6 | Soil | PASS | 88.24 |
| 1355960 | 18 | -1 | 23 | 256 | 16 | -1 | 14 | -1 | 4.1 | 36.4 | 1.9 | Soil | PASS | 91.02 |
| 1355961 | 16 | -1 | 21 | 356 | 17 | -1 | 14 | -1 | 3.8 | 18.8 | 1.5 | Soil | PASS | 90.98 |
| 1355962 | 15 | -1 | 20 | 254 | 14 | -1 | 13 | -1 | 3.4 | 17.7 | 1.4 | Soil | PASS | 90.59 |
| 1355963 | 15 | -1 | 19 | 197 | 12 | -1 | 15 | -1 | 4 | 16.8 | 1.5 | Soil | PASS | 88.23 |
| 1355964 | 14 | -1 | 18 | 310 | 14 | -1 | 15 | -1 | 3.7 | 19.3 | 1.5 | Soil | PASS | 88.35 |
| 1355965 | 13 | -1 | 17 | 336 | 16 | -1 | 14 | -1 | 3.7 | 22 | 1.6 | Soil | PASS | 90.13 |
| 1355966 | 14 | -1 | 18 | 233 | 12 | -1 | 14 | -1 | 4.1 | 23.7 | 1.7 | Soil | PASS | 88.33 |
| 1355967 | 12 | -1 | 16 | 499 | 20 | -1 | 14 | -1 | 3.7 | 17.6 | 1.5 | Soil | PASS | 90.41 |
| 1355968 | 14 | -1 | 18 | 279 | 15 | -1 | 14 | -1 | 3.9 | 22.4 | 1.6 | Soil | PASS | 88.25 |
| 1355969 | 12 | -1 | 15 | 272 | 13 | -1 | 15 | -1 | 3.9 | 28.2 | 1.7 | Soil | PASS | 88.15 |
| 1355970 | 13 | -1 | 17 | 263 | 12 | -1 | 14 | -1 | 3.9 | 16.8 | 1.5 | Soil | PASS | 88.42 |
| 1355971 | 13 | -1 | 17 | 447 | 16 | -1 | 15 | -1 | 4 | 18.7 | 1.6 | Soil | PASS | 88.27 |
| 1355972 | 13 | -1 | 17 | 262 | 15 | -1 | 14 | -1 | 3.9 | 17.7 | 1.5 | Soil | PASS | 91.13 |
| 1355973 | 17 | -1 | 22 | 233 | 15 | -1 | 14 | -1 | 3.9 | 20.1 | 1.6 | Soil | PASS | 91.2 |
| 1355974 | 11 | -1 | 14 | 322 | 14 | -1 | 15 | -1 | 4 | 21.3 | 1.6 | Soil | PASS | 88.43 |
| 1355975 | 12 | -1 | 15 | 560 | 20 | -1 | 15 | -1 | 4.2 | 47 | 2 | Soil | PASS | 88.34 |