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IOS Services Géoscientifiques

SOIL SAMPLING PROGRAM ON VICTORIA CREEK PROJECT
Kirkland Lake, Ontario
NTS 32D04

Presented to

Mr. Michael Rosatelli,
Vice President Exploration

Val-d'Or Mining Corp.

By

Donald Burden, P.Geo.

And

Réjean Girard, P.Geo.

Date: February 21st 2022
Project: 1487
Copy 1

Ville de Saguenay

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INTRODUCTION

The Victoria Creek project is located at the southwestern end of the Abitibi greenstone belt and encompasses a mineral property acquired by Val-d'Or Mining Corp. It covers 2917 hectares and is located approximately 10 km northeast of Kirkland Lake, Ontario. This region hosts dozens of historic and currently-producing gold mines, including the Toburn, Sylvanite, Wright-Hargreaves, Lake Shore, Teck-Hughes, KL Gold and Macassa Mines.

IOS Services Géoscientifiques inc. has been mandated by Val-d'Or Mining Corp. to conduct a systematic soil (horizon B) sampling program over the Victoria Creek property. The survey aimed to delineate gold exploration targets based upon pedochemical anomalies in the secondary environment. The drift overlying the Victoria Creek project consists predominantly of a variable sediment blanket chiefly composed of sandy, oxidized soil with patches of till veneer surrounded by large bogs, glaciolacustrine and glaciofluvial sediments.

The current report describes this soil sampling program, including a description of the collected samples, a chemical analysis using portable XRF and a brief interpretation. Analytical results by Ionic Leach have not been received at the time of writing this report and will be presented in a subsequent report.

The processing for gold grain counting using the ARTGold^{TM} automated gold grain counting in a few till samples collected in the course of the soil program are to be provided in separate report.

TERM OF REFERENCE

Val-d'Or Mining Corp., represented by Michael Rosatelli, Vice President Exploration, contracted IOS Services Géoscientifiques Inc. to conduct a gridded soil sampling program in order to detect mineralized occurrences on their Victoria Creek property.

The services regarding the soil sampling included:

1. Providing technical and professional staff members to carry out a soil sampling program according to the industry standards and sampling pattern.
2. Providing tools, equipment, transportation and all required logistical support to its staff so as to ensure the timely execution of the Program.
3. Perform measurements of physicochemical parameters (pH/Eh/TDS/δph/LOI)
4. Perform a portable XRF analysis using an aliquot of soil sample.

5. Organizing and managing chemical analysis at third party assay laboratory, and performing QAQC program.
6. Providing reports in a format acceptable for assessment filing, including a procedure description and an interpretation of the results.

Geological information has been obtained from the Geology Ontario database and from the Ontario Geological Survey, and includes geology, quaternary geology maps and assesment files. The digital elevation models (DEM) were taken from the website of the Ontario Geological Survey (**OGSEarth**).

The sampling program initially included 146 soil samples and 5 till samples distributed across a sector in the west part of property as specified by the client. The soil survey configuration was a 50 x 200 m grid with a single line of tills planned to test a central cross section of the grid.

IOS was involved with the planning of the program, glacial landform interpretation, selection of the sampling sites and logistic organization. The gridded soil survey was lead by Donald Burden P.Geo with assistance in the field from sampling technicians Charles Gilbert-Painchaud, Lars Bennedsen and Patrick Larouche.

The current report includes only HH-XRF analyses of the soil sample, analytical results by Ionic Leach not being available at this moment and will be presented in a subsequent report. The processing of till sample will be provided in separate report.

IOS has no interest or partnerships with Val-d'Or Mining Corp., other than a service agreement on a daily or per sample fee basis. IOS is an independent entity and is not financially involved in the process of acquiring or developing this project. The current report is not written in accordance to NI-43-101 instructions and shall not be used for financial purposes.

DESCRIPTION OF THE PROPERTY

GEOGRAPHIC LOCATION

The Victoria Creek project is located approximately 10 kilometres north-east of Kirkland Lake, Ontario (***figure 1***). It is found on the 42A02 NTS map sheet and covers approximately the central part of Morrissette Township. It lies approximately between latitudes 48°12'14.5"N and 48°15'00"N and longitudes 79°52'28.65"W and 80°01'7.25"W.

1:6 500 000

1487	Project: Victoria Creek

FIGURE 1: PROJECT LOCATION

Geology from Ontario Geological Survey 2021. 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release –Data 126 - Revision 1. Topographic background data from canadian government WMS

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ACCESS AND INFRASTRUCTURE

The Victoria Creek project is located in an area which is somewhat accessible by forestry trails and many cabins are located in the region. The sampling grid was accessible from Kirkland Lake by pickup truck by traveling north on Goodfish Road (***figure 2***). Room and board for the crew was available in Kirkland Lake.

LAND TENURE

The Victoria Creek Property comprises 132 claims covering 2917 hectares upon which Val-d'Or Mining Corp. is the claims holder (***map 1***).

CLIMATE AND PHYSIOGRAPHY

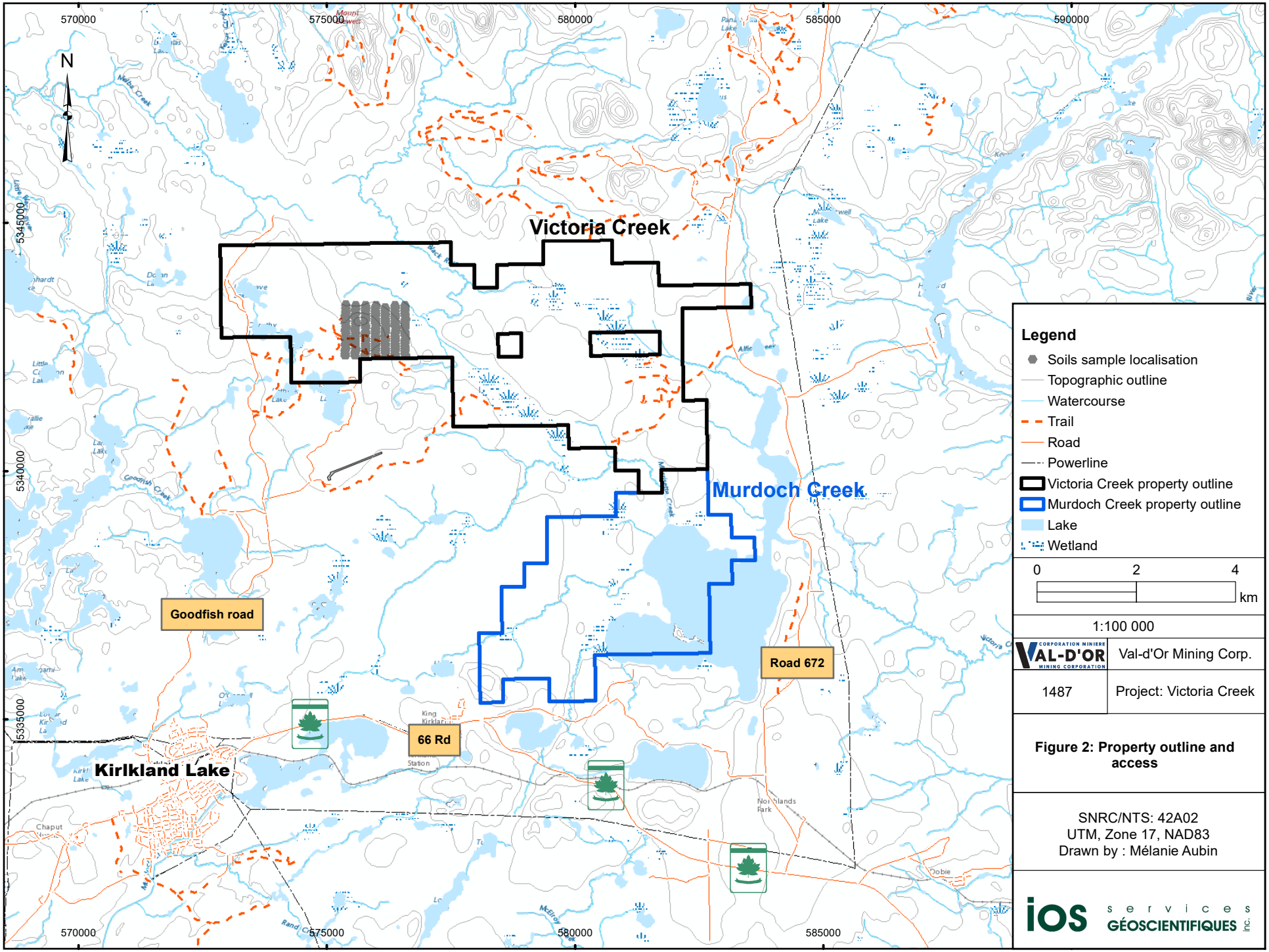
The Victoria Creek project is located in the Lake Abitibi ecological region (3E) (Crins et *al.,* 2009) and Kirkland Lake (3E-6) ecodistrict (Wester et *al.,* 2018). The Larder River is the major river watershed in the ecodistrict and represents both the highest and lowest elevations in the ecodistrict, 503 m ASL east of Larder Lake, and 181 m ASL in the southern portion of the Larder River (Wester et *al*., 2018).

Topography in the Kirkland Lake area ranges from steep-faced cliffs to rolling hills with interceding lows. The western sector of the Victoria Creek property study area is generally flat with a rolling landscape. Bedrock exposure is sporadic, generally concentrated on the edges of topographic highs (Bailey, 2009). Elevation on the property ranges from 210 m to 372 m. Glaciofluvial ice-contact deposits, glaciolacustrine coarse-grained deposits and bedrock with thin, patchy till cover much of the property.

The bioclimatic domain is the Humid Mid-Boreal Ecoclimatic Region (Ecoregions Working Group 1989) (Crins et *al.,* 2009). The forest landscape is dominated by mixed and coniferous forests including black spruce and jack pine, but is also associated with different species such as birch, tamarack, balsam fir and poplar (Wester et *al.,* 2018). Mean annual precipitation ranges between 652 and 1029 mm, and mean summer rainfall is 220 to 291 mm (Crins et *al.,* 2009).

PREVIOUS WORK

The current report is not meant to be a compilation of all relevant exploration history of the Victoria Creek Property. Exploration in the Kirkland Lake- Larder Lake mining camp has been ongoing for over one hundred years. A large part of the regional mineralization in the camp is known to be associated with Timiskaming syenite and felsic intrusive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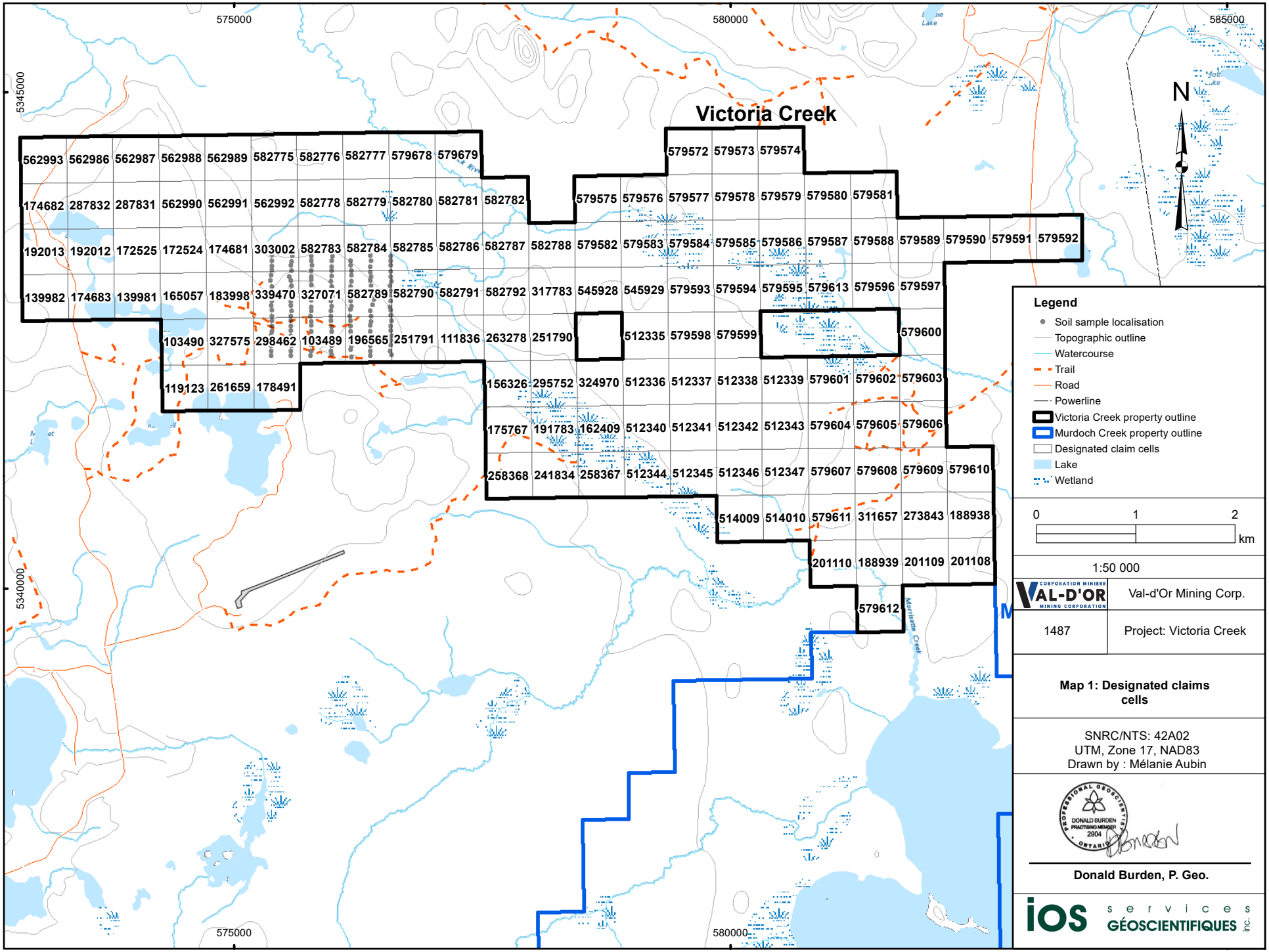
Victoria Creek
Murdoch Creek
Goodfish road
66 Rd
Road 672
Kirkland Lake
Legend
Soils sample localisation
Topographic outline
Watercourse
Trail
Road
Powerline
Victoria Creek property outline
Murdoch Creek property outline
Lake
Wetland
0
2
4
km
1:100 000
Val-d'Or Mining Corp.
1487
Project: Victoria Creek
Figure 2: Property outline and access
SNRC/NTS: 42A02
UTM, Zone 17, NAD83
Drawn by : Mélanie Aubin
ios services GÉOSCIENTIFIQUES inc.


Victoria Creek
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192013 192012 172525 172524 174681 303002 582783 582784 582785 582786 582787 582788
139982 174683 139981 165057 183998 339470 327071 582789 582790 582791 582792 317783
103490 327575 298462 103489 196565 251791 111836 263278 251790
119123 261659 178491
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175767 191783 162409 512340 512341 512342 512343 579604 579605 579606
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514009 514010 579611 311657 273843 188938
201110 188939 201109 201108
579612
Morrisette Creek
Legend
Soil sample localisation
Topographic outline
Watercourse
Trail
Road
Powerline
Victoria Creek property outline
Murdoch Creek property outline
Designated claim cells
Lake
Wetland
0 1 2
km
1:50 000
Val-d'Or Mining Corp.
1487
Project: Victoria Creek
Map 1: Designated claims cells
SNRC/NTS: 42A02
UTM, Zone 17, NAD83
Drawn by : Mélanie Aubin
DONALD BURDEN PRACTISING MEMBER 2904 ONTARIO
Donald Burden, P. Geo.
ios services GÉOSCIENTIFIQUES inc.

rocks, and is structurally controlled by second- and higher-order splays off the Cadillac-Larder Lake Deformation Zone (CLLDZ), a major deep crustal break in the Abitibi greenstone belt, which controls gold mineralization for over 200 kilometres through Ontario and Quebec (Bailey, 2009).

Over 140 documents are available on the Ontario Mineral Assessment Work database that reference exploration work performed on the Victoria Creek claims or on exploration properties formerly overlapping the current property boundary. The earliest documents related to the Victoria Creek property date back to 1977 and exploration has been ongoing in this area since then. Work reports from over forty companies reference work done including line cutting, stripping and trenching, mapping and prospecting, diamond drilling, magnetics, IP-resistivity, EM, VLF, radiometrics, gravity and geochemistry.

Only limited systematic geochemical surveying, typically soil and humus, has been collected on small grids in the vicinity of the Victoria Creek property. Gold-in-till and kimberlite indicator mineral analysis was performed on the V Property, located immediately to the north of this current survey, by Sudbury Contact Mines Ltd in 1995, and did not recommend further work be undertaken (Plasse, 1995).

REGIONAL GEOLOGY

The Victoria Creek project is located in the southwestern Abitibi greenstone belt of the southeastern Superior province. Within the southern part of the Abitibi belt, many steeply-dipping, east-west trending, discontinuous shear zones of undetermined displacement have been identified including the Porcupine-Destor and Cadillac-Larder Lake breaks (Carmichael, 1994) which have been prolific gold exploration targets for over one hundred years. These breaks follow lithofacies boundaries for the most part, including sedimentary-volcanic interfaces. Many of the gold deposits of the area are closely associated with secondary splays originating from these shear zones (Carmichael, 1994).

The Cadillac-Larder Lake Deformation Zone (CLLDZ) is considered to be one of the most important crustal-scale structures in the Abitibi Greenstone belt (Zhang et *al*., 2013). This structural corridor extends for over one-hundred kilometers past Larder Lake to the east (Powell, 1991; and Jensen, 1996).

Rock units within this deformation zone have been subjected to variable degrees of carbonitization, sericitization, talc alteration, albitization, chloritization and silicification (Faber et *al*., 1997). Importantly, the CLLDZ is the host to a number of gold occurrences

as well as former and present multi-million ounces gold producers (e.g., Kerr-Addison, Macassa, Young-Davidson) (Faber et *al*., 1997, Zhang et *al*., 2013).

The Kirkland Lake area is dominated by what is called the Upper Volcanic Cycle comprising a lower ultramafic sequence (Larder Lake group) disconformably overlain by a tholeiitic sequence (Kinojevis group) which is in turn disconformably overlain by a calc-alkalic sequence (Blake River group). This entire sequence is unconformably overlain by the late Archean Timiskaming series of clastic sediments and felsic volcanics (Carmichael, 1994).

LOCAL GEOLOGY

The general geology of the Kirkland Lake area was first described in 1967 by Rupert and Lovell at a scale of 1 inch to ½ mile (1:31,680 scale), and again by Pyke et *al*. in 1973 at a scale of 1 inch to 4 miles (1:253,440 scale; OGS Map 2205). The geology of the Victoria Creek property is shown on ***figure 3***.

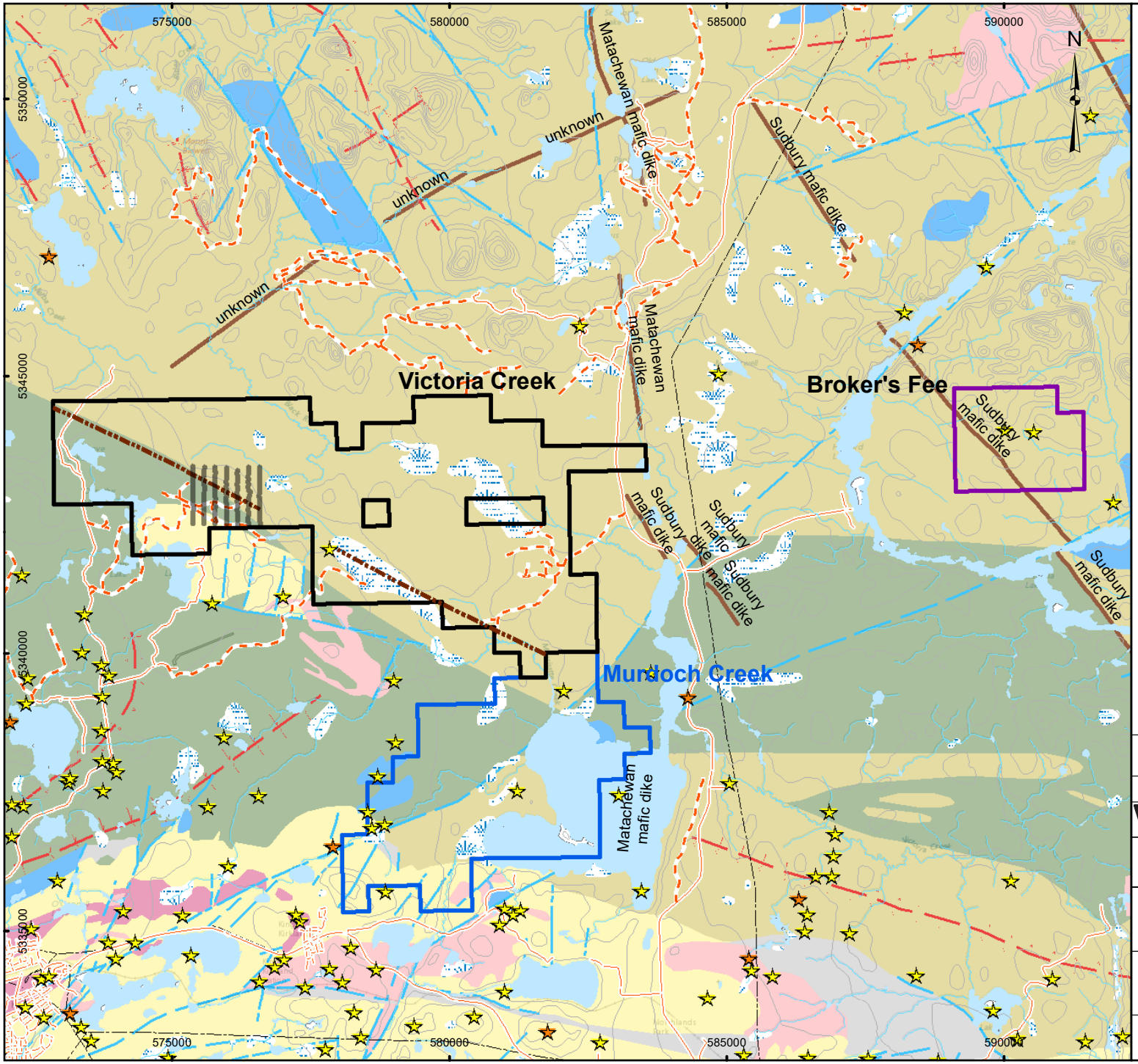
The volcanic stratigraphy underlying the project belongs chiefly to the Keewatin-aged felsic, intermediate, and mafic rocks, quartz-feldspar porphyry and Keewatin- or Timiskaming-aged coarse clastic metasediments (Rupert and Lovell, 1967; Pyke et *al*., 1973). The property is interpreted to lie along a northwest splay fault off the northern flank of the Kirkland Lake – Larder Lake section of the CLLDZ. In part, this fault marks the boundary between the Blake River group and the Kinojevis group, and the Blake River Group and the Kewagama Group (Sharpley, 1988).

MINERAL OCCURRENCES

One gold occurrence is reported on the Geology Ontario mineral occurrence database within the Victoria Creek property (***figures 3*** and ***4***). Medici Resources reported two samples in drill hole AP-96-1 with an intersection averaging 444 ppb (0.4 g/t) over 2 feet, in drill hole AP-96-1, and was described as "*white banded qtz-cb vein at 50° CA <1% py*" in a light greenish-grey, amygdaloidal, intermediate to felsic, fragmental- and/or flow-type volcanic rock (Sharpley, 1996).

QUATERNARY GEOLOGY

A regional quaternary geology map is available for the area (Baker, 2000) (***figure 4***). Ice-flow indicators in Arnold Township and Lebel Township, and the Munro Esker are all generally southward. The property is mostly covered by a thin blanket of glaciofluvial and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Sudbury mafic dike
Sudbury mafic dike
Legend
Soil sample localisation
Mineral occurrence (Cu)
Mineral occurrence (Au)
Topographic outline
Watercourse
Trail
Road
Powerline
Geological structures
Fault, unknown horizontal component, trend, interpreted, unknown generation
Fold, anticline, interpreted, unknown generation
Fold, syncline, interpreted, unknown generation
Dikes
Victoria Creek Fault Extention
Broker's Fee property outline
Victoria Creek property outline
Murdoch Creek property outline
Lake
Wetland
Diorite-monzondiorite-granodiorite suite
Foliated tonalite suite
Mafic and ultramafic rocks
Coarse clastic metasedimentary rocks
Metasedimentary rocks
Felsic to intermediate metavolcanic rocks
Mafic to intermediate metavolcanic rocks
0
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km
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Figure 3: Local geology
SNRC/NTS: 42A02
UTM, Zone 17, NAD83
Drawn by : Mélanie Aubin
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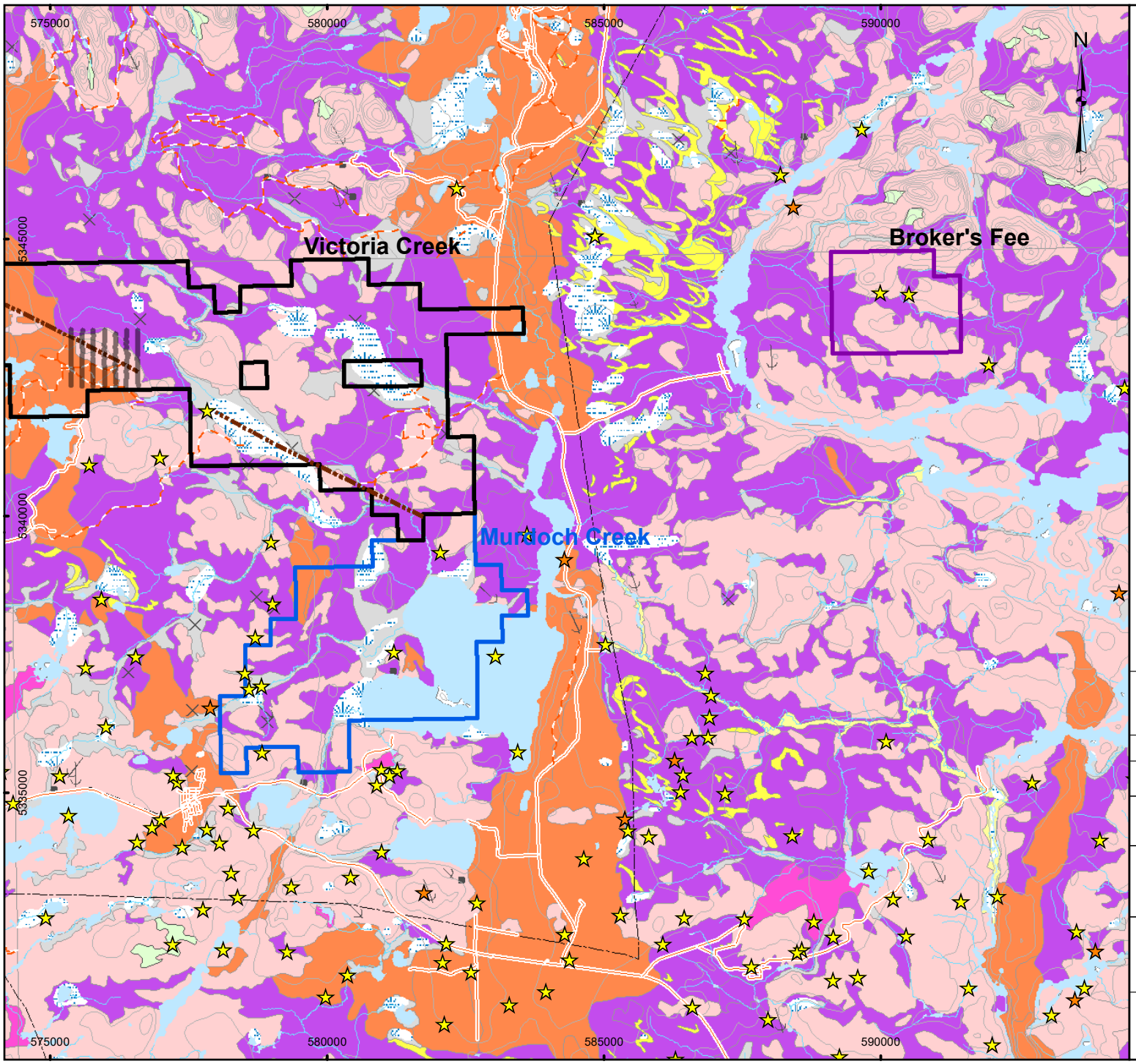

Legend

- Mineral occurrence (Cu)
- Mineral occurrence (Au)
- Soil sample localisation
- Outcrop
- sample
- Glacial stria, known direction
- Victoria Creek Fault Extention
- Topographic outline
- Watercourse
- Trail
- Road
- Powerline
- Broker's Fee property outline
- Victoria Creek property outline
- Murdoch Creek property outline

Surficial deposits (OGS)

- Man-made deposits
- Alluvial deposits
- Eolian Deposits
- Swamp and Organic Deposits
- Glaciolacustrine deposits
- Glaciofluvial deposits
- Till
- Bedrock Drift Complex
- Lake
- Wetland

0 2 4 km

1:100 000

VAL-D'OR MINING CORPORATION	Val-d'Or Mining Corp.
1487	Project: Victoria Creek

Figure 4: Local surficial deposits

SNRC/NTS: 42A02
UTM, Zone 17, NAD83
Drawn by : Mélanie Aubin

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coarse glaciolacustrine material with patches of till surrounding positive topographic features.

The glacial landscape of the Kirkland Lake region was affected by glacial lakes Barlow and Ojibway that first inundated the area nearly 9,600 years ago (Dyke, 2004). As the glacial lakes followed the advance and retreat of the glaciers, wave action and fluctuating lake levels removed surficial mineral material from bedrock and depositing it on the lake bed (Wester et *al.*, 2018) (***figure 4***).

2021 SOIL SAMPLING PROGRAM

SOIL SAMPLING SURVEY

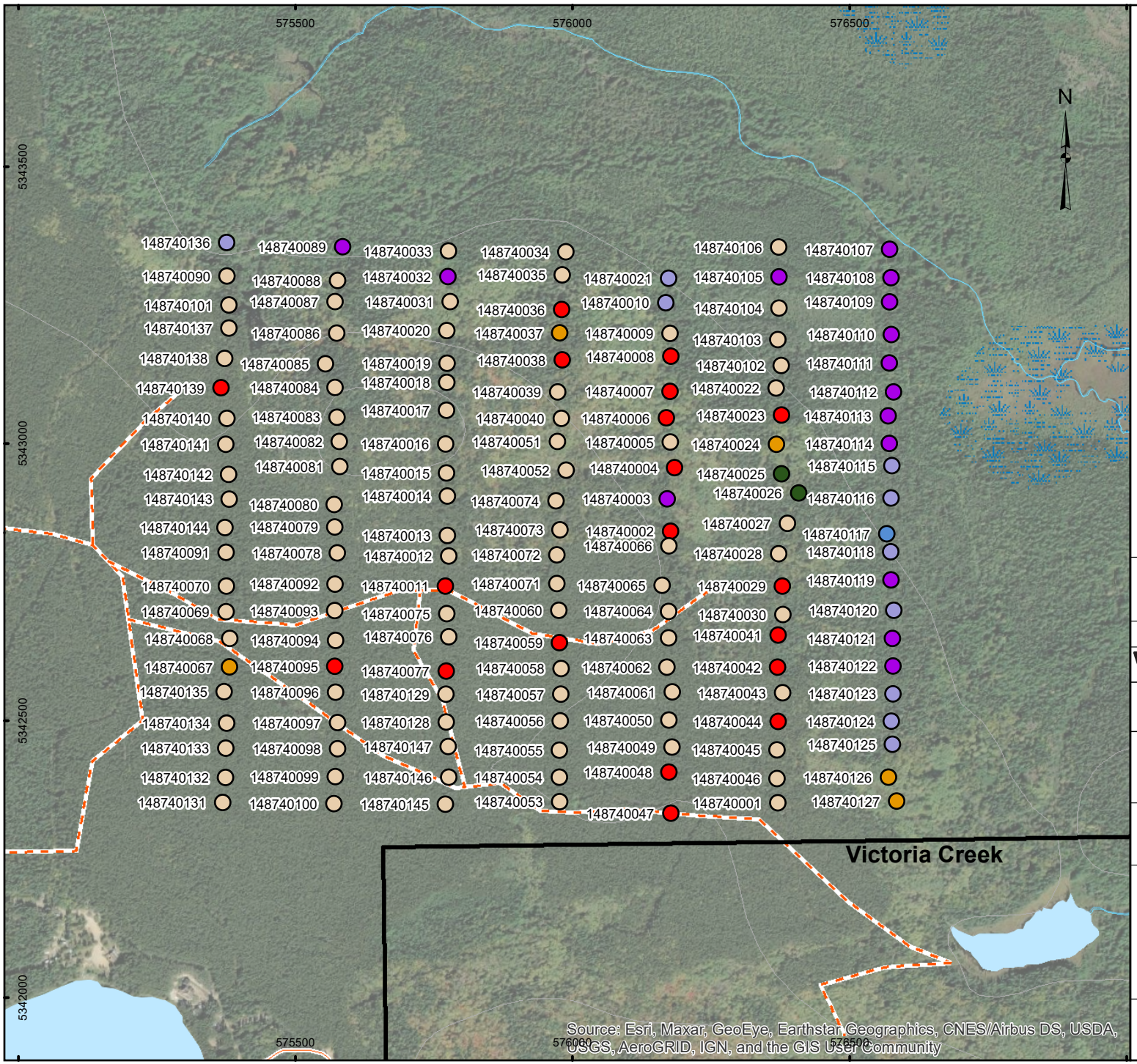
The sampling program aimed at evaluating the property's potential for blind gold occurrences based upon geochemical expression in the secondary environment.

The sampling grid consisted of collecting samples along a series of N-S oriented grid lines at 50 m spacing and lines spaced at 200 m arranged as a 21 x 7 orthogonal grid. The final sampling sites were positioned by field crews according to GPS.

The sampling program was conducted by IOS staff, Donald Burden, P.Geo, geologist, and Charles Gilbert-Painchaud, Lars Bennedsen and Patrick Larouche, technicians. The crew stayed at Super 8 Motel in Kirkland Lake.

A total of 146 soil samples were collected between November 8nd and November 11th 2021 (see daily reports in ***appendix 1***). A further three till samples were collected on the east side of the property as suitable material was located for gold grain analysis. All soil samples are 300 to 1300 g in weight, free of cobbles. Hand-held XRF chemical analysis was performed on a 10 g aliquot of the sample. The results for the gold grain counting in till samples are pending. Sample 148740130 was lost in the field. Sample locations and field descriptions are presented in ***appendix 2***.

The survey aimed at collecting the mineral soil directly underneath the humic soil, that can be either B or C horizon depending on drainage and permeability. Collected material includes, 94 sand samples, 25 glaciolacustrine deposits (15 coarse-grained and 10 fine-grained), 5 glaciofluvial ice-contact deposits, 19 diamicton samples, 1 melt-out till and 2 "mixed" or hybrid tills (lodgment and/or melt-out till) (***figure 5*** and ***map 2***). Diamicton sample consists of typical B-horizon sample, underlying till material were not reached and thus no interpretation of material type is pronounced. About 50% of the material are



Legend

Sample localisation and material type

- Sand
- Glaciolacustrine coarse-grained deposits
- Glaciolacustrine fine-grained deposits
- Diamicton
- Glaciofluvial ice-contact deposits
- Lodgment Till and or Melt-out
- Melt-out Till
- Topographic outline
- Watercourse
- Trail
- Road
- Victoria Creek property outline
- Lake
- Wetland

0 210 420 m

1:10 000

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1487	Project: Victoria Creek

Map 2: Soils sample localisation and material type

SNRC/NTS: 42A02
UTM, Zone 17, NAD83
Drawn by : Mélanie Aubin

DONALD BURDEN PRACTISING MEMBER 2904 PROFESSIONAL GEOSCIENTISTS ONTARIO

Donald Burden, P. Geo.

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not typical B-horizon encountered above till layer but rather glaciolacustrine material or littoral or prelittoral beach and gravely sand.

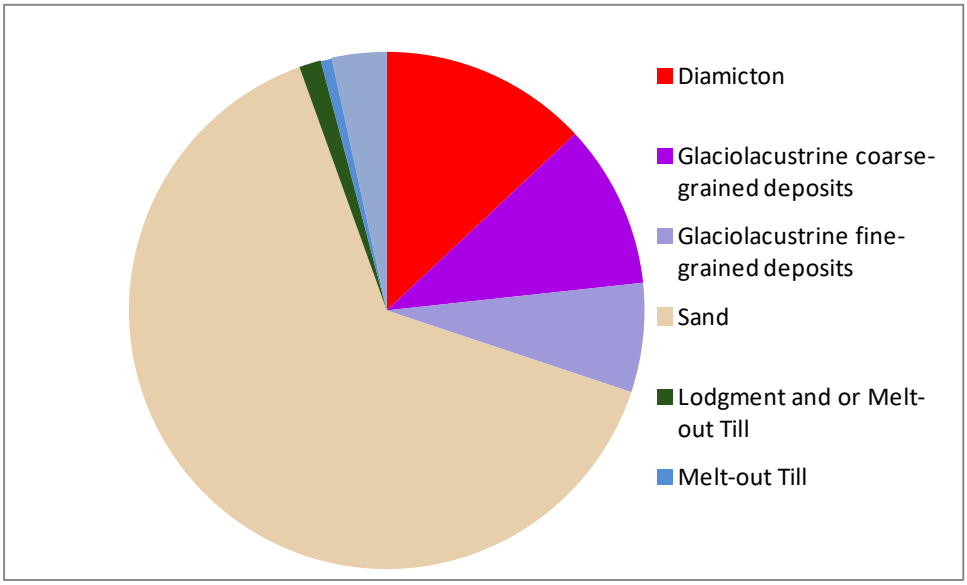


***Figure 5**: Proportion of soil sediment types sampled during the grid geochemistry survey. A total of 146 samples were collected.*

Samples were transported back to IOS facilities in Saguenay by the crew. They were prepared in IOS laboratory and ship to ALS Minerals in Vancouver for Ionic Leach.

SAMPLING PROCEDURE

B-horizon samples were ideally collected at the top of mineral soil, directly below the humic Ah or eluviated (Ae) horizons, within the podzolization profile (***figure 6***). Ideal material is collected in oxidized layer which accumulate iron and manganese oxides and illuviated clays from leached minerals from topsoils and eluvial (Ae) horizon, or in the topmost C horizon if podzolization did not developed.

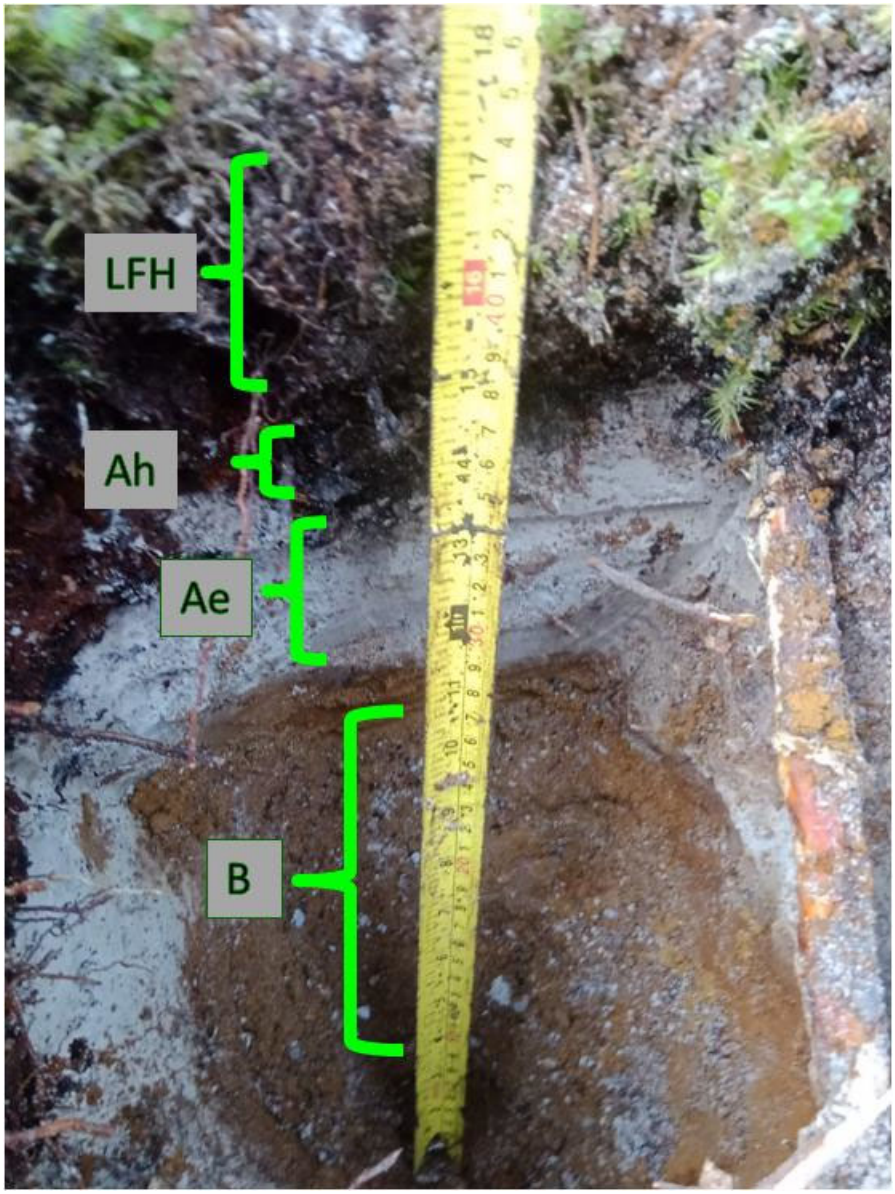


***Figure 6**: Photographs of small sampling hand-dug pit of sample 148740043 where mineral B-horizon soil is visible underneath 15 cm thick LFH horizon, 3 cm thick decomposed organic matter Ah and 15 cm thick elluviated horizon Ae. Sampling depth of this hole was 26 cm.*

Approximate sampling sites were recorded in a GPS device from a pre-selected grid on the property. Exact sites were positioned by samplers in the field according to local physiography. Relevant information from each sample site, such as soil structure, cobble composition, topography, vegetation, drainage, glacial or glaciofluvial landforms, description of surficial boulders and outcrops lithologies and photographs were recorded in a standardized coded form and captured in a numerical pad (***appendix 2**, **table 1**)*.

Samples were numbered as 1487**4**xxxx. The first four digits indicate the project number; the fifth digit represents the material type, and the last four digits being sequential. Soil samples were collected with a shovel or Dutch auger from 0.25 to 2.2 m deep. The shovel and other equipment were cleaned before each use to avoid contamination from previous sites.

Sampled material was bagged in a cloth bag, protected by a plastic bag. Sample bags were prepared in advance with sample number written on each cloth bag and red flag tapes with sample number were tied on the cloth bag. Another red flag-tape with a sample number was tied to a tree to indicate sampling site. Finally, every hole was backfilled once all the information was collected and the sample bagged.

SAMPLE RANDOMIZATION

Samples were collected using sequential number according to their position along profiles. They were renumbered in a random manner prior to preparation or analysis by the laboratory. For such, a new random sample number is attributed to each sample, including the insertions of quality control material. The purpose of randomization is to discriminate sequential or *"along-the-line*" anomalies caused by analytical issues or cross-contamination and which could be mistaken for real anomalies in sequential sampling sites. Corresponding sample number sequences are as follows:

	Sample number	**Analysis number**
B-horizon	1487**4**xxxx	1487**8**yyyy

ENVIRONMENTAL PARAMETERS MEASUREMENTS

Environmental parameters were measured on samples in laboratory prior to randomization and preparation. The pH, δpH, Eh and TDS (conductivity) were measured on saturated paste according to usual procedures (***appendix 2***, ***table 2***). The detailed protocol is presented in ***appendix 2*** and a summary of statistics are presented in ***table 1***. Measuring these parameters on water drained from cohesive clays for B-horizon is not possible. This forced the use of measurement on saturated paste, although it only represents an approximation of the in-situ equilibrated pH in the soil. Furthermore, molarity of the solution is modified because of the dilution by the added water or acid. Since the original water content is not measured, the initial molarity (or salinity) of the pore water cannot be calculated accurately. Preparation of the saturated paste on clay-rich material can be tedious, since no flocculation agent can be added.

Acid buffering capacity, or δpH, has been measured on every B-horizon sample by adding hydrochloric acid and measuring the resulting pH. The decrease in pH is not directly indicative of the acid buffering capacity, since such decrease depends on the initial acidity. Acid buffering capacity requires to be calculated from molarity variation, and pH needs to be converted to H^+ molarity for such calculation. Therefore, a less important decrease in pH is observed for more acidic samples, such as the calcium-poor, which does not mean they are buffered. This phenomenon is caused by the logarithmic scale of pH measurement, compared to molarity, so much more acid is needed to fluctuate an acidic sample. As consequent, the deficiency of carbonate in regard of acid cannot be simply evaluated by the difference in pH. Soils from the current project are slightly acid, with an average acidity of 5.73 pH and a narrow standard deviation of 0.61 pH. Still, these soils are not buffered, recording important acidification with the addition of HCl. Acid buffering capacity is an important factor controlling the metal content since prevent fluctuation of acidity due to changes in oxygen fugacity in iron rich material.

	pH	δpH	Eh	Conductivity	LOI 700°C
Average	5.73	2.29	210 mV	121 uS/cm	3.7%
Median	5.50	2.17	210 mV	42 uS/cm	3.8%
Std-deviation	0.61	0.76	87 mV	0.72 uS/cm	2.2%
Coef-variation	0.11	0.33	0.41	0.79	0.60
Coef-asymmetry	0.26	1.30	-0.19	-0.03	3.06
Maximum	7.02	5.77	343 mV	18 uS/cm	14%
Minimum	4.57	1.49	-480 mV	13 uS/cm	0.93%

***Table 1**: Statistics on the various environmental parameters measured on B-horizon samples.*

SAMPLE PREPARATION AND ANALYSIS

Upon reception of the sample and prior to any preparation, a 20 grams aliquot has been separated to perform measurements that require to be conducted on raw material. The remaining material was dedicated to preparation for LOI and chemical analyses.

Sample material dedicated for chemical analysis were air dried and sieved at 250 µm according to usual procedures. The detailed protocol is presented in ***appendix 2***.

Hand-held X-ray fluorescence analysis was performed in-house on < 250 µm material (***appendix 3***, ***table 1***) prior to its shipment to ALS Mineral for analysis by ICP-MS methods after Ionic Leach. HH-XRF analysis provides a total determination of metal in the mineral soil, and not only the labile component as for Ionic Leach methods. The HH-

XRF analyses were made with Olympus Vanta VRM instrument, using factory calibration and Compton normalization.

Loss on ignition was performed on < 250 µm dried material at 700° C in controlled oxidizing atmosphere to ensure combustion of organic matter, but not carbonate dissociation (***appendix 3***, ***table 2***).

The certificates of analysis are presented in ***appendix 6***, ***table 1*** for HH-XRF analysis (IOS) and ***table 2*** for loss on ignition (IOS).

QUALITY CONTROL OF ANALYTICAL PROCEDURES

In order to monitor analyses quality, a strict QAQC program was enforced. The program includes systematic insertion of blanks, certified and internal reference material prior to shipments to the commercial laboratories as well as for the in-house analyses. The blanks are used to detect contamination issues and sample mixing, while the certified and internal reference material served to check respectively accuracy and precision of the analytical technique. Analytical quality control is detailed in ***appendices 4*** and ***5***.

No reference materials exist for B-horizon analysis with Ionic Leach. To circumvent the situation, a large sample was collected in the field specifically for this type of survey and used as internal reference material (MRIHB20-2). The material has been dried, sieved to 250 microns, homogenized and aliquoted with a riffle splitter. Long term statistics are not available since it has been recently manufactured so precision cannot be accurately monitored for the moment and regional averages are not available yet. Blank material consists of - 90 µm pulverized quartz, used since 2012, although the currently used batch was made in 2020. ALS analytical laboratories inserted their own quality control material including reactant blanks, certified and internal reference materials. Analytical replicates were performed by ALS, and no sample duplicates were collected in the field. ALS quality control will be presented in another report. This quality control protocol is implemented as a routine by the contractor and applied to all similar projects.

HH-XRF analyses were conducted using the factory calibration, without calibration on reference material. Trace elements abundances are calculated using Compton normalization, where the abundance is a direct function of the normalized peak intensity. Consequently, uncalibrated elemental abundance are expected to be precise (properly replicated with a low variance), but not accurate (close to the true value), and can hence be used in a relative manner since peak intensity is a linear function of elemental abundance. Measuring abundant elements is more difficult due to matrix (ZAF) corrections and requires Pouchou-Pichoir matrix corrections. Abundance in then not an exact linear function of peak intensity, and results cannot be post-calibrated by simply

correcting to a reference material. Severe discrepancies were noted for light elements (Z<19 or potassium). Consequently, silicium and aluminium are significantly underestimated. Magnesium measurements are qualitative only, while sodium is not measured.

RESULTS

Conventional approach in exploration geochemistry is to assumed the metal abundance in a specific set of samples is indicative of the metal availability, and hence the proximity of a metal source. Metals are assumed to be associated in a similar manner as is mineral deposits, so their association in samples is assumed to be the signature of such deposits.

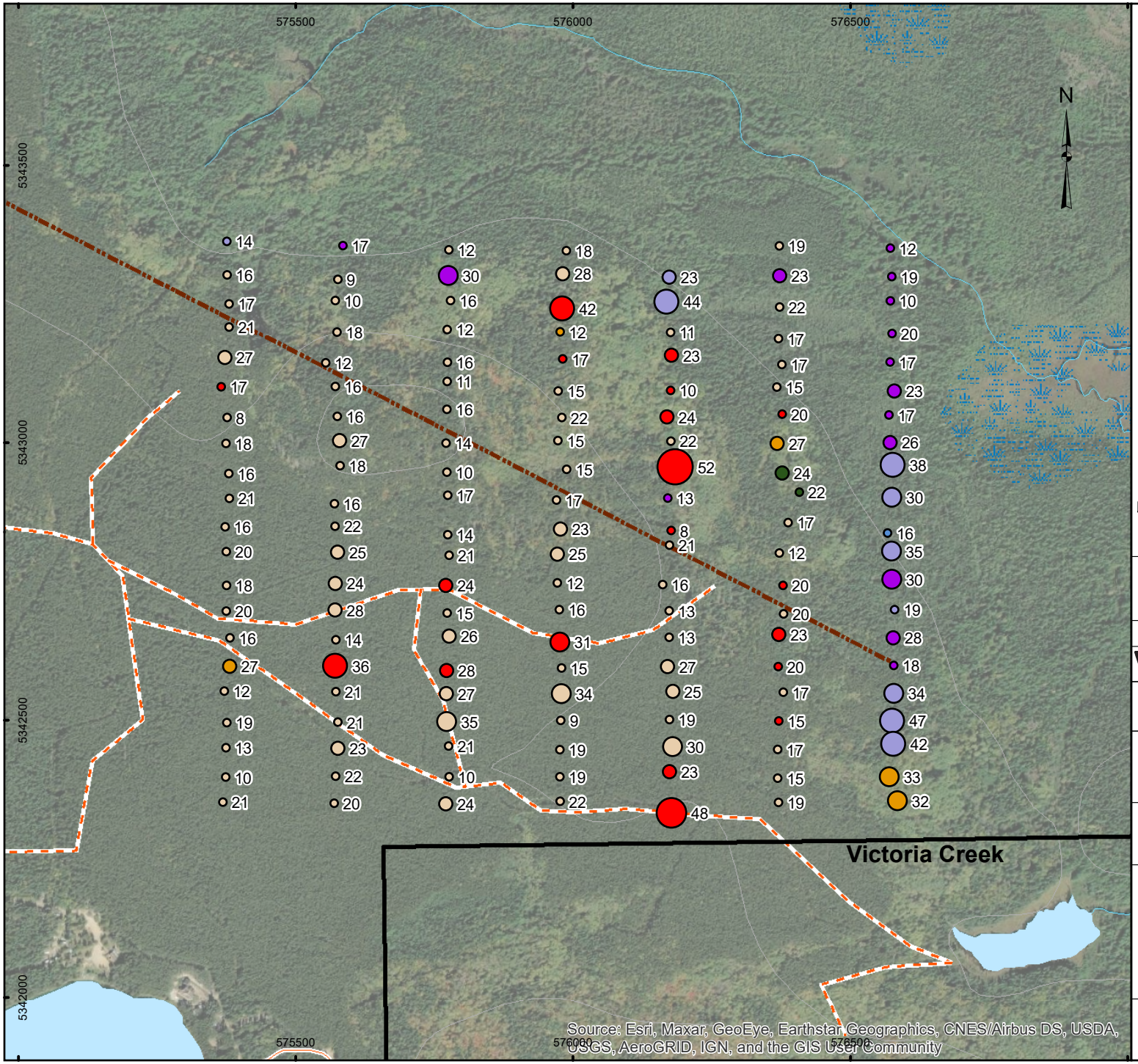
Abundance of significant metals by HH-XRF analysis are provided on ***maps 3*** to ***6***, where abundance is indicated by dot size referred as percentile of the population (***table 2***), while colour of the dots relates to overburden type. Since HH-XRF analyses measure the total abundance of the metals, these are assumed being dominated by detrital minerals or their weathered counterparts, plus a certain proportion of precipitates such as ferric iron and carbonates. Hydromorphic metals, such as those adsorbed on clays, are not expected to contribute significantly to the metal content of the samples. Total metal abundance in mineral soil is not significantly affected by environmental parameters (pH, Eh, etc.) and these can be neglected in their interpretation.

Percentile	Ni	Cu	Zn	Pb
66^{e}	22.00	10.00	28.00	12.00
85^{e}	28.00	13.00	34.00	13.00
95^{e}	35.75	17.75	42.00	15.00
99^{e}	47.55	24.10	48.55	20.75
99.8^{e}	50.84	32.81	49.71	25.13

Table 2*: Percentiles used for maps.*

Nickel, copper and zinc are chalcophile elements that typically substitutes to iron in sulphides. It is thus occasionally a proxy to sulphide abundance.

Nickel (***map 3***) is not abundant, spanning from 8 to 52 ppm (0.005%). It is distinctively enriched in samples collected on diamictons and glaciolacustrine deposits. These elevated values are scattered and isolated. More regular elevated values are noted in glaciolacustrine material. Such abundance is normal is sediment containing a certain proportion of ferromagnesian minerals where nickel is substituted to magnesium. Variation in abundance may simply relate to the variations in ferromagnesian mineral



Legend

Material type

- Sand
- Glaciolacustrine coarse-grained deposits
- Glaciolacustrine fine-grained deposits
- Diamicton
- Glaciofluvial ice-contact deposits
- Lodgment Till and or Melt-out
- Melt-out Till

Ni value in soil sample - ppm

- <= 66 percentile (8- 22)
- <= 85 percentile (22 - 28)
- <= 95 percentile (28 - 35)
- <= 99 percentile (35 - 47)
- <= 99,8 percentile (47 - 50)
- >99,8 percentile

- Victoria Creek Fault Extention
- Topographic outline
- Watercourse
- Trail
- Road
- Victoria Creek property outline
- Lake
- Wetland

0 200 400 m

1:10 000

Val-d'Or Mining Corp.

1487 | Project: Victoria Creek

Map 3: Nickel (Ni) value in soils samples - HH-XRF analyzer Olympus Vanta

SNRC/NTS: 42A02
UTM, Zone 17, NAD83
Drawn by : Mélanie Aubin

DONALD BURDEN PRACTISING MEMBER 2904 PROFESSIONAL GEOSCIENTISTS ONTARIO

Donald Burden, P. Geo.

ios services GÉOSCIENTIFIQUES inc.

abundances. The current nickel abundance does not require the presence of nickel sulphides in the sediments, and cannot be taken as indicative of nickel mineralization.

As for nickel, copper (***map 4***) is not abundant, spanning from 6 to 36 ppm and preferentially enriched in samples composed of diamictons and glaciolacustrine deposits. A few tens of ppm of copper is commonly present in ferromagnesian minerals, such as chlorite or amphiboles, and it is likely that the current recorded abundance is from such detrital minerals. Copper is slightly enriched in a few scattered samples, and faint enrichment is noted in glaciolacustrine clays. Its distribution is quite similar to nickel, suggesting a common source from ferromagnesian mineral. No detrital copper sulphide or copper carbonate precipitate is required to generate the current enrichments.

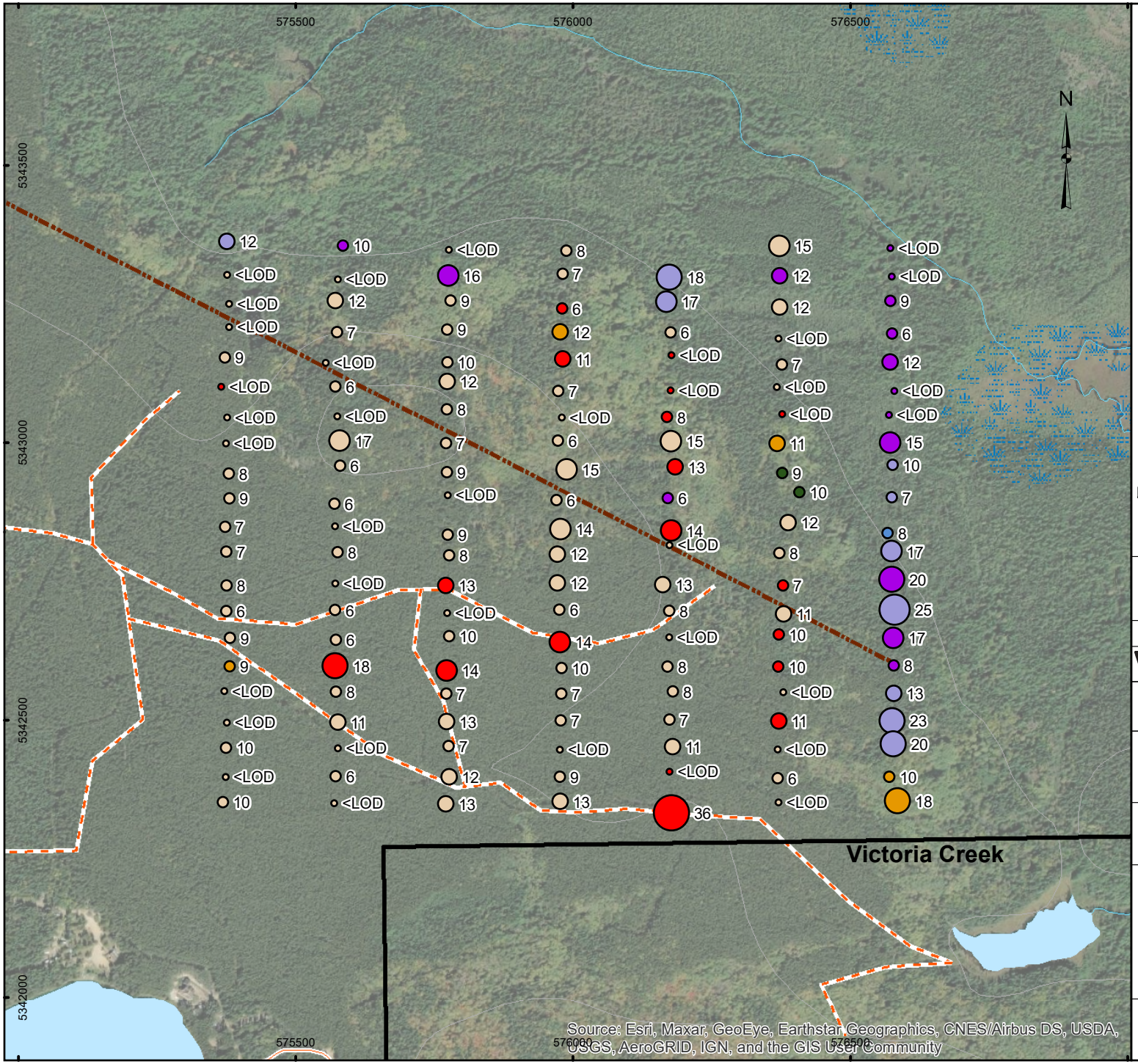
Zinc (***map 5***) is not abundant, spanning from 14 to 50 ppm and preferentially enriched in samples composed of sand, diamictons and glaciolacustrine deposits. Zinc is typically present to a few hundreds of ppm in ferromagnesian minerals as well as in magnetite. It is enriched in the same samples as are nickel and copper. Current abundance are likely related to the abundance of these minerals, and no zinc mineralization is required to generate the current abundance.

Lead (***map 6***) is not abundant, spanning from 8 to 26 ppm and preferentially enriched in sandy samples. Although commonly associated with copper and zinc in various type of sulfidic mineralization, most of lead in common rock is hosted in feldspar, zircon and a wide variety of other common minerals. Also, contrary to most other metals, lead is stable as sulphate in acidic environment, and can precipitate in heavily illuviated soils or gossans. Samples with lead enrichment are not the same as for other metals, supporting the hypothesis that this metal do not partition into the same minerals.

From this set of maps, it is concluded that no clear metallic anomalies is detected from the detrital components of these sediments.

CONCLUSIONS

No prominent metallic anomaly is detected with the HH-XRF results in the property. This method measures the total abundance of the metals, and the current abundances are comparable to what would be present in a normal sediment. Most transition metals can substitute in ferromagnesian minerals, and the current abundance is comparable to what would be expected in such minerals. Consequently, no mineral occurrence is requires to generate the current abundance.



me

Cu value in soil sample - ppm

- Limit of detection (<LOD)
- <=66 percentile (6 - 10)
- <= 85 percentile (10 - 13)
- <= 95 percentile (13,1 - 17,8)
- <= 99 percentile (17,9 - 24,1)
- > 99,8 percentile

Material type

- Sand
- Glaciolacustrine coarse-grained deposits
- Glaciolacustrine fine-grained deposits
- Diamicton
- Glaciofluvial ice-contact deposits
- Lodgment Till and or Melt-out
- Melt-out Till
- Victoria Creek Fault Extention
- Topographic outline
- Watercourse
- Trail
- Road
- Victoria Creek property outline
- Lake
- Wetland

0 200 400 m

1:10 000

Val-d'Or Mining Corp.

1487 | Project: Victoria Creek

Map 4: Copper (Cu) value in soils samples - HH-XRF analyzer Olympus Vanta

SNRC/NTS: 42A02
UTM, Zone 17, NAD83
Drawn by : Mélanie Aubin

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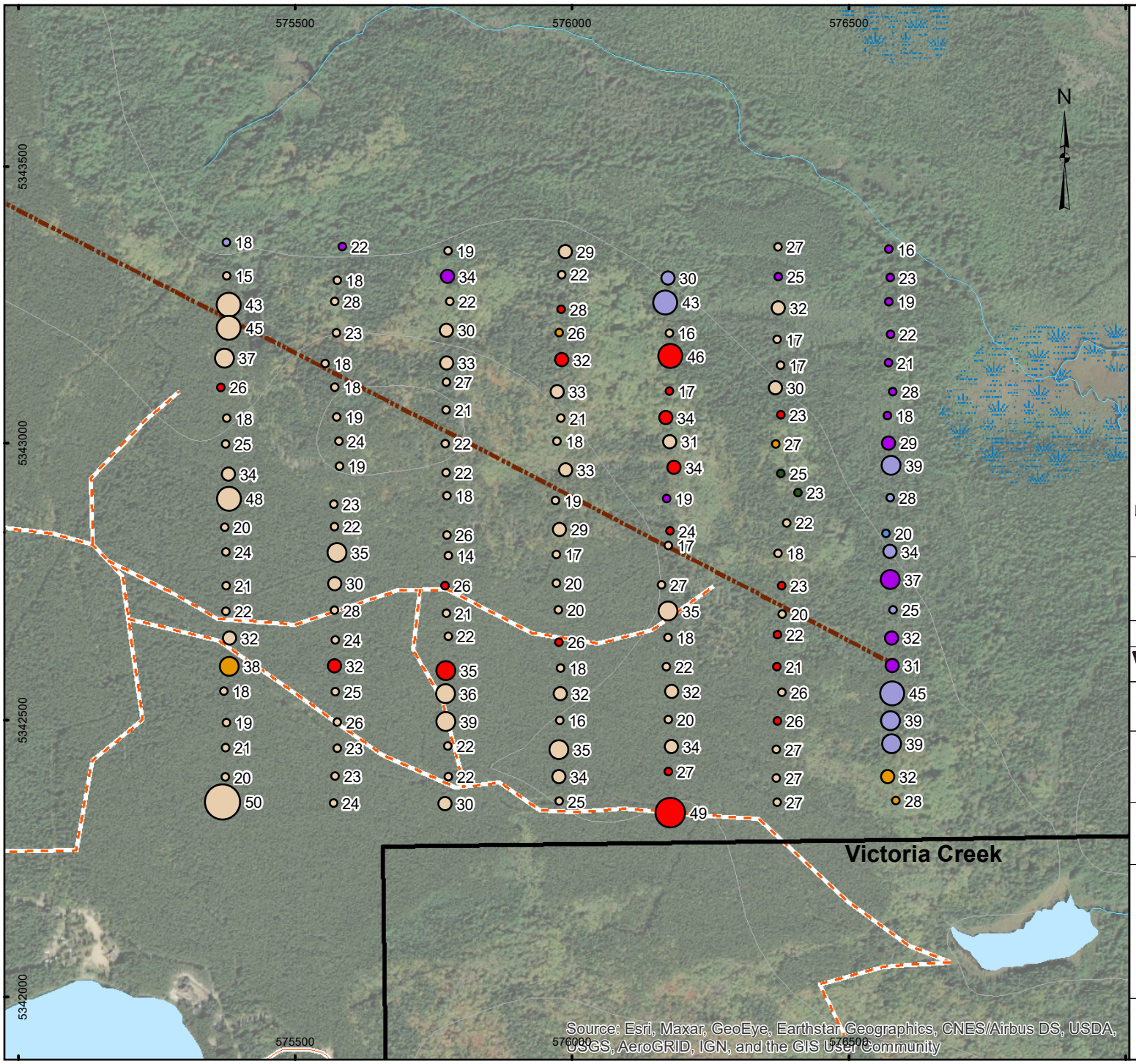

me

Zn value in soil sample - ppm

- <= 66 percentile (14- 28)
- <= 85 percentile (28,1 - 34,0)
- <= 95 percentile (34,1 - 42,0)
- <= 99 percentile (42,1 - 48,5)
- <= 99,8 percentile (48,6 - 49,7)
- > 99,8 percentile

Material type

- Sand
- Glaciolacustrine coarse-grained deposits
- Glaciolacustrine fine-grained deposits
- Diamicton
- Glaciofluvial ice-contact deposits
- Lodgment Till and or Melt-out
- Melt-out Till
- Victoria Creek Fault Extention
- Topographic outline
- Watercourse
- Trail
- Road
- Victoria Creek property outline
- Lake
- Wetland

0 200 400 m

1:10 000

Val-d'Or Mining Corp.

1487 | Project: Victoria Creek

Map 5: Zinc (Zn) value in soils samples - HH-XRF analyzer Olympus Vanta

SNRC/NTS: 42A02
UTM, Zone 17, NAD83
Drawn by : Mélanie Aubin

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Donald Burden, P. Geo.

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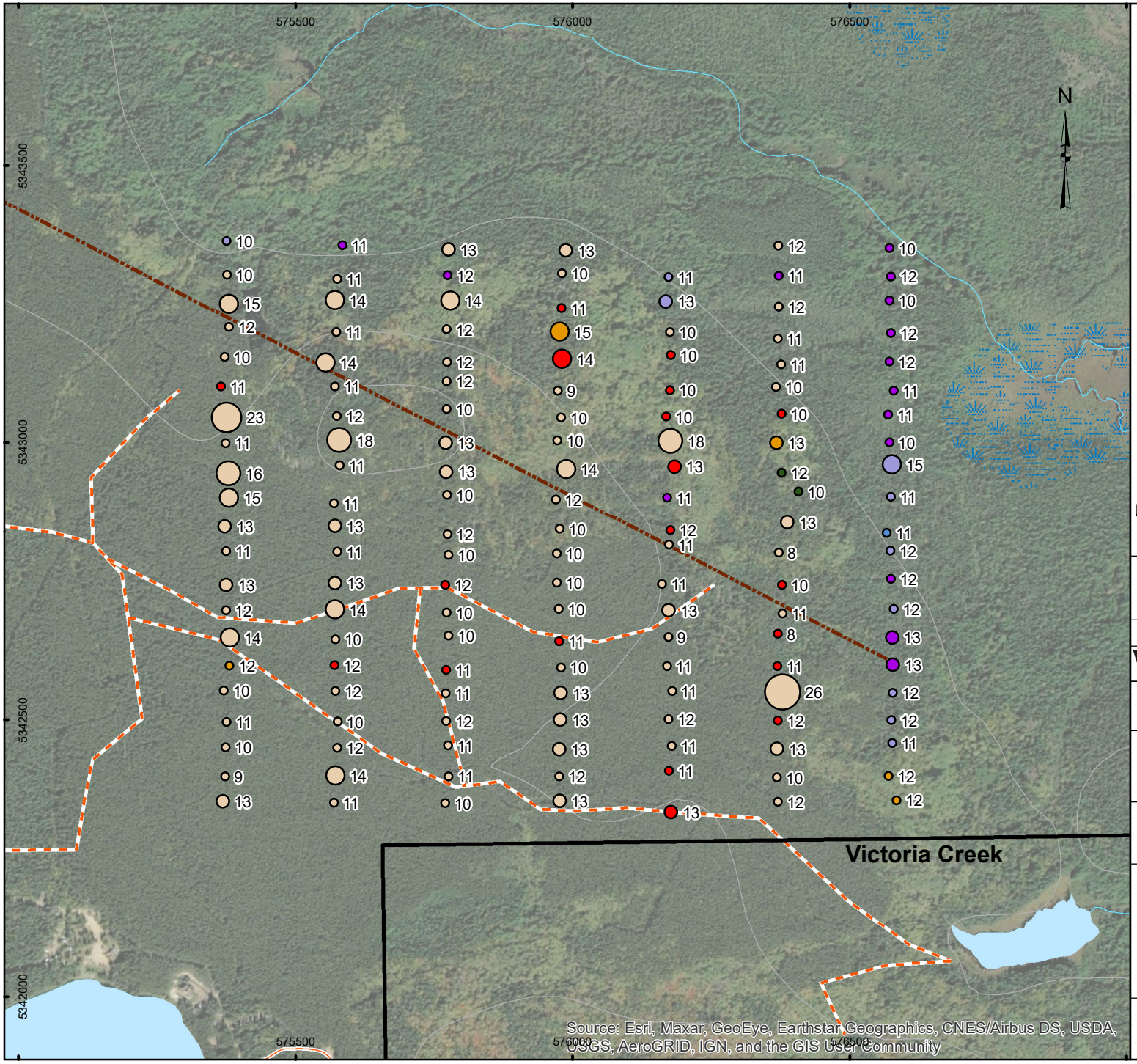

me

Pb value in soil sample - ppm

- <= 66 percentile (8,0 - 12,0)
- <= 85 percentile (12,1 - 13,0)
- <= 95 percentile (13,1 - 15,0)
- <= 99 percentile (15,1 - 20,8)
- <= 99,8 percentile (20,9 - 25,1)
- > 99,8 percentile

Material type

- Sand
- Glaciolacustrine coarse-grained deposits
- Glaciolacustrine fine-grained deposits
- Diamicton
- Glaciofluvial ice-contact deposits
- Lodgment Till and or Melt-out
- Melt-out Till
- Victoria Creek Fault Extention
- Topographic outline
- Watercourse
- Trail
- Road
- Victoria Creek property outline
- Lake
- Wetland

0 200 400 m

1:10 000

Val-d'Or Mining Corp.

1487 | Project: Victoria Creek

Map 6: Lead (Pb) value in soils samples - HH-XRF analyzer Olympus Vanta

SNRC/NTS: 42A02
UTM, Zone 17, NAD83
Drawn by : Mélanie Aubin

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Hydromorphic enrichment of metals are typically not detected by HH-XRF, being two to three orders of magnitude less intense than the background metal abundance in glacial sediments. Ionic Leach analyses, currently pending at the laboratory, will be required to properly evaluate the current survey.

None of the known mineral occurrence within or near the property caused a significant geochemical anomaly in the glacial sediment detectible with the current method.

Respectfully submitted

1487_2021_Report_Soils_XRF
Victoria Creek, February 21st, 2022

Réjean Girard, P.Geo.
OGQ nº 521

1487_2021_Report_Soils_XRF
Victoria Creek, February 21st, 2022

Donald Burden, P.Geo.
PGO nº 2904

Contributions:

Natacha Fournier, P.Geo., scientific revision
Karen Gagné, chemist, quality control
Karine Desbiens, edition
Mélanie Aubin, biologist, drawing

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APPENDIX 1

DAILY REPORTS

RAPPORT JOURNALIER	Date: 2021-11-08	PROJET: 1487	CAMPEMENT: Super 8 KL	MÉTÉO: cloud and drizzle +10
		CLIENT: Golden Valle	RESP: Donald Burden	SIGNATURE: DB
		APPEL QUOTIDIEN: non		

COMMENTAIRES SUR LES TRAVAUX: Mobilized into Victoria Creek property and sampled 106, 95, 96, 97, 98, 99, 100, 101, 102, 103, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 104, 121, 120, 119, 118.

COMMENTAIRES SUR LA GÉOLOGIE:

PERSONNEL	TÂCHES	No Projet	Couché	Heures	Hors camps	Échant: De	Échant: A	FACT.
Donald Burden	Géologue sénior	1487	oui	6				
Patrick Larouche	Technicien d'échantillonage	1487	oui	6				
Charles Gilbert-Painchaud	Technicien d'échantillonage	1487	oui	6				
Lars Bennedsen	Technicien d'échantillonage	1487	oui	6				

VOLS D'HYDRAVIONS:		AVARIS MÉCANIQUES:	
TEMPS D'HÉLICOPTÈRE:		ACCIDENTS:	
VOYAGES DE CAMION:		TEMPS MORT:	
EXPÉDITION D'ÉCHANTILLONS:		AMÉLIORATIONS À PRÉVOIR:	
ACHATS:			
MOBILISATION:			
DÉMOBILISATION:			
FORAGE- # TROU:		VÉRIFICATION:	**IOS Services Géoscientifiques Inc**
BUDGET RÉSIDUEL:	DÉPENSES:	FACTURATION:	

RAPPORT JOURNALIER	Date: 2021-11-09	PROJET: 1487	CAMPEMENT: Super 8 KL	MÉTÉO: cloud and sun +10
		CLIENT: Golden Valle	RESP: Donald Burden	SIGNATURE: DB
		APPEL QUOTIDIEN: non		

COMMENTAIRES SUR LES TRAVAUX: Échantillonné 117, 118, 116, 115, 114, 113, 61, 62, 63, 84, 83, 82, 81, 80, 79, 78, 112, 111, 110, 109, 108, 107, 85, 86, 87, 88, 77, 76, 64, 65, 66, 67, 68, 69, 70, 71, 89, 90, 91, 92, 93, 94, 6, 7, 8, 9, 72, 73, 74, 75, 50, 49, 48, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 20, 10, 19.

COMMENTAIRES SUR LA GÉOLOGIE:

PERSONNEL	TÂCHES	No Projet	Couché	Heures	Hors camps	Échant: De	Échant: A	FACT.
Donald Burden	Géologue sénior	1487	oui	12.5				
Patrick Larouche	Technicien d'échantillonage	1487	oui	11.5				
Charles Gilbert-Painchaud	Technicien d'échantillonage	1487	oui	11.5				
Lars Bennedsen	Technicien d'échantillonage	1487	oui	11.5				

VOLS D'HYDRAVIONS:		AVARIS MÉCANIQUES:	
TEMPS D'HÉLICOPTÈRE:		ACCIDENTS:	
VOYAGES DE CAMION:		TEMPS MORT:	
EXPÉDITION D'ÉCHANTILLONS:		AMÉLIORATIONS À PRÉVOIR:	
ACHATS:			
MOBILISATION:			
DÉMOBILISATION:			
FORAGE- # TROU:		VÉRIFICATION:	**IOS Services Géoscientifiques Inc**
BUDGET RÉSIDUEL:	DÉPENSES:	FACTURATION:	

RAPPORT JOURNALIER	Date: 2021-11-10	PROJET: 1487	CAMPEMENT: Super 8 KL	MÉTÉO: cloud and sun +10
		CLIENT: Golden Valle	RESP: Donald Burden	SIGNATURE: DB
		APPEL QUOTIDIEN: non		

COMMENTAIRES SUR LES TRAVAUX: Terminé d'échantillonnage ; complété 30, 29, 28, 27, 26, 25, 24, 23, 22, 19, 102, 123, 124, 125, 126, 147, 146, 145, 144, 143, 142, 141, 140, 139, 138, 137, 136, 135, 134, 133, 132, 131, 130, 129, 128, 127, 46, 47, 1, 2, 3, 4, 5, 21, 18, 17, 16, 15, 14, 13, 12, 11, 43, 44, 45; chargé la remorque et partis avec.

COMMENTAIRES SUR LA GÉOLOGIE:

PERSONNEL	TÂCHES	No Projet	Couché	Heures	Hors camps	Échant: De	Échant: A	FACT.
Donald Burden	Géologue sénior	1487	oui	11.5				
Patrick Larouche	Technicien d'échantillonage	1487	oui	11.5				
Charles Gilbert-Painchaud	Technicien d'échantillonage	1487	oui	11.5				
Lars Bennedsen	Technicien d'échantillonage	1487	oui	11.5				

VOLS D'HYDRAVIONS:		AVARIS MÉCANIQUES:	
TEMPS D'HÉLICOPTÈRE:		ACCIDENTS:	
VOYAGES DE CAMION:		TEMPS MORT:	
EXPÉDITION D'ÉCHANTILLONS:		AMÉLIORATIONS À PRÉVOIR:	
ACHATS:			
MOBILISATION:			
DÉMOBILISATION:			
FORAGE- # TROU:		VÉRIFICATION:	**IOS Services Géoscientifiques Inc**
BUDGET RÉSIDUEL:	DÉPENSES:	FACTURATION:	

RAPPORT JOURNALIER	Date: 2021-11-10	PROJET: 1487	CAMPEMENT: Super 8 KL	MÉTÉO: cloud and sun +10
		CLIENT: Golden Valle	RESP: Donald Burden	SIGNATURE: DB
		APPEL QUOTIDIEN: non		

COMMENTAIRES SUR LES TRAVAUX: Démobilisation vers Chicoutimi.

COMMENTAIRES SUR LA GÉOLOGIE:

PERSONNEL	TÂCHES	No Projet	Couché	Heures	Hors camps	Échant: De	Échant: A	FACT.
Donald Burden	Géologue sénior	1487	oui	8				
Patrick Larouche	Technicien d'échantillonage	1487	oui	8				
Charles Gilbert-Painchaud	Technicien d'échantillonage	1487	oui	8				
Lars Bennedsen	Technicien d'échantillonage	1487	oui	8				

VOLS D'HYDRAVIONS:		AVARIS MÉCANIQUES:	
TEMPS D'HÉLICOPTÈRE:		ACCIDENTS:	
VOYAGES DE CAMION:		TEMPS MORT:	
EXPÉDITION D'ÉCHANTILLONS:		AMÉLIORATIONS À PRÉVOIR:	
ACHATS:			
MOBILISATION:			
DEMOBILISATION:			
FORAGE- # TROU:		VÉRIFICATION:	**IOS Services Géoscientifiques Inc**
BUDGET RÉSIDUEL:	DÉPENSES:	FACTURATION:	

APPENDIX 2

SAMPLE LOCATION AND DESCRIPTION

Table 1: Location and description of samples (B-horizon)
Table 2: Environmental parameters, samples preparation and description

SAMPLE PROCESSING

pH, pH buffering capacity, Eh and conductivity measurements (B-horizon)

Upon reception, an aliquot of damp sample was used for pH (pH = - log [H_3O^+]), Eh and conductivity (µS/cm) or TDS measurements. These measurements were taken in water saturated paste with the use of a pH-EC-metre (HI 98129 Waterproof pH & EC, *Hanna Instruments*) and oxidoreduction potential with ORP device (HI 98121 Combo pH & ORP Waterproof, *Hanna instruments*). The saturated paste is made by mixing demineralized water to the sample in determined proportion, and allowing the paste to equilibrate for 10 minutes. The same paste was used to measure the buffering capacity by adding 0.5 ml hydrochloric acid 1.0 N. The pH-EC meter was calibrated with two buffer solutions for pH and one solution for conductivity, at the beginning of the day and every 20 samples then after. The oxidoreduction potential device is not possible to calibrate but is checked with readings on two buffers solution (240 mV and 470 mV) at the beginning of the day and every 20 samples then after. The results of environmental parameters were presented in ***appendix 2***, ***table 2***.

Time drift and recalibration of pH are discernible on time-charts, which are causes of noise in the measurement. For this project two different sensors were used for the pH and ΔpH measurement. Tests conducted subsequently indicated that demineralized water record significant drift in acidity through time, interpreted as the primary cause of the current issue. The lack of cationic charge in the water is apparently the cause of this instability, not buffering the uptake of carbon dioxide from the air, which can be circumvent by adding some calcium chloride to the water, a procedure which was not applied in the current project. The variation of acidity through the addition of hydrochloric acid is variable, with an average change of 3.45 points of pH from the addition of HCl 1N (0.5 ml). Calculation of buffering capacity and calcium carbonate equivalent will be provided upon request.

Also, pH and Eh of deionized water typically drift through time due to interaction with air, and is typically readjusted only once day.

Oxidoreduction potential has been measured on B-horizon samples on saturated paste. Redox potential measurements are quite tricky, since they are made in a strongly oxidizing atmosphere. Thus, a buffering protocol for the electrode is necessary, but not fully efficient. Redox potential is thus not very precise and diurnal or inter-calibration drift are very difficult to avoid.

Electrolytic conductivity has been measured with same device along with pH in saturated paste. Conductivity is a measure of the ionic content of the sample, and thus a function of the sum of all cations, including H^+. Electrolytes can be thoroughly dissociated, such

as for NaCl, or weakly dissociated, such as Ca $(HCO_3)_2$. Thus, contribution of the various cations to the conductivity, at the same concentration, will differ. Therefore, conductivity can be used as a proxy of the abundance of strong electrolyte only, such as H^+, Na^+, K^+.

Drying

Samples were suspended in a forced-air ventilated dry-room until fully dried and slightly heated with an average of 35 °C. It is important to maintain samples at less than 45 °C temperature during drying process in order to avoid losses of volatile elements (mercury, bismuth, bromine, etc.). During the drying process, clay-rich soils tend to cement and become lumpy, and samples require to be hammered with a wooden or rubber mallet. Drying of the samples typically takes about two or three weeks.

Randomization

In order to avoid “along the line” sequential anomalies due to instrumental drift or cross-contamination, sample number were randomized in IOS laboratory prior to processing or analysis. Original field number ranged from 1487**4**0001 to 1487**4**0147. The randomized numbers including numbers of internal reference materials ranged from 1487**8**0001 to 1487**8**0163. The correspondence table is provided in ***appendix 2***. Note that the first four digits are the project number, the fifth is the type of material and the last four are sequential.

Hammering

The samples are placed into a clean bag and hammered on a steel plate with a rubber mallet until enough disaggregated non-fibrous material is available. Samples are transfer in a new bag if needed. Samples are weighted in a clean stainless dish, where a visual description is made (colour, proportions of organic matter, sand, silt and clay). The visual sample description and colour are presented in ***appendix 2***, ***table 2***. Notice that the samples do not need to be entirely disaggregated during the process, as long as sufficient material for the analysis is liberated.

Colour determination

Determining the sample colour is performed by using a Munsell colour chart (*Munsell Soil Colour Chart*) as suggested by the Soil Conservation Service of the US Department of Agriculture (USDA). The Munsell colour system is the standard for the classification of the colour of the soil. The colour classification is based on three variables, hue, brightness and saturation ("tint or hue"), "intensity (value)" and "saturation (chroma)". Each colour is identified successively on the anhydrous samples. To determine the

colour, the dry sample and the fraction < 250 µm are visually compared to a standardized colour chart. The Munsell colour of the samples is provided in ***appendix 2***, ***table 2***.

Grinding

Disaggregated samples are triturated if necessary, using a porcelain or agate mortar grinder or manually with a porcelain mortar and pestle. The mortar and pestle are decontaminated between each sample using compressed air, by grinding sugar or quartz in powder and cleaned with demineralized water. The working space is cleaned between each sample.

Sieving

Ground samples are hand sieved or with the use of a Retsch sieve shaker at 250 µm (60 US standard meshes) using 8" stainless steel screens. About 150 grams of samples for ALS analysis and about 15 grams for IOS analysis of sieved material are needed, sieving being halted after. Every portion is weighted and the mass balance calculated. All size fractions are bagged and placed in separate trays. The remaining coarse material is stored in the cardboard box. Fine fractions (< 250 µm) are sent to the analytical laboratories and a part is kept for losses on ignition carried out by IOS. Any equipment that came into contact with the samples is cleaned between each sample using compressed air and demineralized water. After each sample, sieves are cleaned in an ultrasonic bath with demineralized water. Processing measurements are listed in ***tables 2*** of ***appendix 2***.

Quality control on preparation

The principal quality control procedure in the preparation is to calculate the mass balance. Weight before and after handling for sample preparation is compiled and weight differential is calculated. Material losses during laboratory manipulations should not exceed 3.0 g. A slight mass gain was observed on five samples and is probably due to measurement error with the balances. The average weight loss for the samples is 3.3 g much influenced by the loss of 398 g of the sample which was dropped and the second sample excess 3 g has a loss of 11.8 g due to an error on the initial weight. No samples were doped or diluted and wearing jewellery was prohibited for technicians throughout the duration of the project, both at work and at home.

Number randomized	Field soil number	Material type revised	UTMX Nad 83, zone 17	UTMY nad 83, zone 17	NTS Map Sheet	Designated claim cell	Altitude (m)	Target	GSF_DATE	Transport type	Excavation method	LFH thickness (cm)	LFH (%)	Ah thickness (cm)	Ah (%)	Ae thickness (cm)	Ae (%)	B thickness (cm)	B (%)	B color	C thickness (cm)
148780002	148740119	Glaciolacustrine coarse-grained deposits	576574,7	5342754	32D04	582789	316,6	134	2021-11-10T13:29:53Z	By foot	Auger	10	0	110	0	0	0	20	100		0
148780003	148740037	Glaciofluvial ice-contact deposits	575976,7	5343200	32D04	327071	330,3	81	2021-11-08T14:55:04Z	By foot	Hand shovel	2	0	8	0	12	0	15	100	5YR 3/4	0
148780004	148740057	Sand	575979,1	5342548	32D04	103489	352,1	68	2021-11-09T08:43:23Z	By foot	Hand shovel	8	0	6	0	8	0	21	100	10YR 4/6	0
148780005	148740067	Glaciofluvial ice-contact deposits	575380,9	5342597	32D04	298462	350,9	6	2021-11-09T15:14:52Z	By foot	Hand shovel	9	0	2	0	10	0	13	70	10YR 3/4	15
148780006	148740100	Sand	575569,4	5342350	32D04	298462	362,3	22	2021-11-10T10:03:11Z	By foot	Hand shovel	8	0	2	0	3	0	17	80	10YR 5/6	8
148780007	148740083	Sand	575575,2	5343048	32D04	339470	355,2	36	2021-11-09T13:45:22Z	By foot	Hand shovel	4	0	10	0	7	0	15	100	10YR 5/3	0
148780008	148740109	Glaciolacustrine coarse-grained deposits	576572,1	5343256	32D04	582785	314,4	145	2021-11-10T10:43:12Z	By foot	Auger	15	0	200	0	0	0	15	100	5Y 4/2	0
148780009	148740041	Diamicton	576370,9	5342654	32D04	196565	350,1	112	2021-11-09T09:56:07Z	By foot	Hand shovel	15	0	2	0	7	0	22	92	10YR 4/4	2
148780010	148740027	Sand	576388,1	5342856	32D04	582789	346,4	116	2021-11-09T08:52:11Z	By foot	Hand shovel	8	0	3	0	6	0	11	85	10YR 4/6	6
148780012	148740035	Sand	575981,4	5343305	32D04	582783	321,8	83	2021-11-08T14:27:18Z	By foot	Hand shovel	2	0	10	0	4	0	30	100		0
148780013	148740094	Sand	575572,5	5342645	32D04	298462	361,5	28	2021-11-10T08:52:15Z	By foot	Hand shovel	12	0	3	0	8	0	7	70	7.5YR 5/6	12
148780014	148740046	Sand	576369,2	5342395	32D04	196565	353,9	107	2021-11-09T11:44:42Z	By foot	Hand shovel	10	0	2	0	20	0	19	100	10YR 4/6	0
148780015	148740085	Sand	575554,3	5343144	32D04	339470	356,0	38	2021-11-09T14:13:04Z	By foot	Hand shovel	3	0	16	0	4	0	24	100	10YR 4/6	0
148780016	148740071	Sand	575971,6	5342747	32D04	327071	351,1	72	2021-11-09T09:38:38Z	By foot	Hand shovel	2	0	12	0	11	0	18	100	10YR 5/6	0
148780017	148740014	Sand	575774	5342905	32D04	327071	361,4	54	2021-11-08T11:24:12Z	By foot	Hand shovel	3	0	14	0	5	0	20	50	5YR 4/6	16
148780018	148740103	Sand	576370,5	5343188	32D04	582789	320,7	123	2021-11-10T08:52:24Z	By foot	Hand shovel	3	0	20	0	2	0	24	100	10YR 5/6	0
148780019	148740133	Sand	575374,5	5342450	32D04	298462	359,1	3	2021-11-10T10:50:48Z	By foot	Hand shovel	8	0	2	0	8	0	12	85	10YR 5/6	12
148780020	148740141	Sand	575374,2	5342999	32D04	339470	362,7	14	2021-11-10T13:43:26Z	By foot	Hand shovel	9	0	3	0	7	0	12	90	10YR 4/6	4
148780022	148740129	Sand	575771,4	5342547	32D04	103489	356,6	47	2021-11-10T15:57:55Z	By foot	Hand shovel	12	0	2	0	2	0	22	100	10YR 4/6	0
148780023	148740039	Sand	575973,6	5343093	32D04	327071	339,7	79	2021-11-08T15:29:45Z	By foot	Hand shovel	2	0	5	0	10	0	20	100	10YR 5/8	0
148780024	148740006	Diamicton	576169,3	5343046	32D04	582789	337,3	99	2021-11-08T12:27:33Z	By foot	Hand shovel	9	0	2	0	0	0	17	40	10YR 5/6	14
148780025	148740101	Sand	575379,9	5343250	32D04	303002	334,4	19	2021-11-09T16:00:52Z	By foot	Hand shovel	3	0	8	0	10	0	20	100	10YR 5/8	0
148780026	148740070	Sand	575375,3	5342743	32D04	339470	366,8	9	2021-11-09T15:54:02Z	By foot	Hand shovel	6	0	1	0	9	0	13	60	10YR 4/6	18
148780027	148740060	Sand	575975,5	5342699	32D04	103489	350,4	71	2021-11-09T09:23:01Z	By foot	Hand shovel	4	0	6	0	8	0	22	100	10YR 5/6	0
148780028	148740020	Sand	575773,4	5343204	32D04	582783	338,7	60	2021-11-08T13:05:20Z	By foot	Hand shovel	3	0	8	0	14	0	13	100	2.5YR 3/6	0
148780029	148740089	Glaciolacustrine coarse-grained deposits	575585,1	5343355	32D04	303002	331,8	42	2021-11-09T15:17:46Z	By foot	Auger	3	0	85	0	0	0	12	100	5Y 5/4	0
148780030	148740111	Glaciolacustrine coarse-grained deposits	576571,9	5343145	32D04	582789	313,9	143	2021-11-10T11:23:28Z	By foot	Auger	10	0	200	0	0	0	20	100	5Y 4/2	0
148780032	148740032	Glaciolacustrine coarse-grained deposits	575775	5343301	32D04	582783	327,2	62	2021-11-08T13:34:17Z	By foot	Auger	2	0	8	0	4	0	15	100	2.5Y 6/2	0
148780033	148740028	Sand	576372	5342801	32D04	582789	342,8	115	2021-11-09T09:07:00Z	By foot	Hand shovel	9	0	2	0	8	0	13	80	10YR 5/6	8
148780034	148740061	Sand	576179,9	5342551	32D04	196565	360,1	89	2021-11-09T13:36:44Z	By foot	Hand shovel	10	0	2	0	10	0	19	20	10YR 4/6	4
148780035	148740077	Diamicton	575772,3	5342589	32D04	103489	345,7	48	2021-11-09T11:39:56Z	By foot	Hand shovel	2	0	9	0	11	0	18	100	10YR 4/6	0
148780036	148740102	Sand	576376,7	5343141	32D04	582789	320,0	102	2021-11-10T08:43:24Z	By foot	Hand shovel	3	0	14	0	14	0	23	100	7.5YR 4/4	0
148780037	148740048	Diamicton	576174	5342407	32D04	196565	353,8	86	2021-11-09T12:51:17Z	By foot	Hand shovel	7	0	4	0	10	0	15	85	10YR 5/6	3
148780038	148740019	Sand	575773,6	5343145	32D04	327071	343,5	59	2021-11-08T12:49:31Z	By foot	Hand shovel	2	0	11	0	10	0	22	100	5YR 4/6	0
148780039	148740092	Sand	575571,5	5342746	32D04	339470	348,5	30	2021-11-10T08:31:18Z	By foot	Hand shovel	11	0	1	0	5	0	13	85	2.5Y 5/4	12
148780040	148740082	Sand	575579,1	5343004	32D04	339470	356,8	35	2021-11-09T13:33:54Z	By foot	Hand shovel	3	0	20	0	4	0	20	100	5Y 5/6	0
148780042	148740075	Sand	575773	5342693	32D04	103489	343,4	50	2021-11-09T11:19:21Z	By foot	Hand shovel	5	0	9	0	9	0	15	100	10YR 4/6	0
148780043	148740110	Glaciolacustrine coarse-grained deposits	576575,1	5343197	32D04	582790	314,8	144	2021-11-10T10:58:22Z	By foot	Auger	5	0	200	0	0	0	20	100	5Y 4/2	0
148780044	148740128	Sand	575772,1	5342497	32D04	103489	355,8	46	2021-11-10T15:45:49Z	By foot	Hand shovel	12	0	2	0	3	0	18	100	10YR 4/6	0
148780045	148740135	Sand	575371,2	5342552	32D04	298462	356,7	5	2021-11-10T11:13:26Z	By foot	Hand shovel	13	0	5	0	5	0	5	40	10YR 6/6	12
148780046	148740097	Sand	575576,2	5342496	32D04	298462	366,1	25	2021-11-10T09:24:34Z	By foot	Hand shovel	12	0	2	0	2	0	19	80	10YR 4/6	7
148780047	148740076	Sand	575776,7	5342651	32D04	103489	344,4	49	2021-11-09T11:30:13Z	By foot	Hand shovel	2	0	2	0	1	0	24	100	5YR 5/6	0
148780048	148740064	Sand	576173,5	5342697	32D04	196565	351,5	92	2021-11-09T14:20:09Z	By foot	Hand shovel	16	0	6	0	19	1	14	99	7.5YR 5/6	0
148780049	148740033	Sand	575776,2	5343348	32D04	582783	324,2	63	2021-11-08T13:47:03Z	By foot	Hand shovel	2	0	13	0	12	0	10	100	7.5YR 4/6	0
148780050	148740003	Glaciolacustrine coarse-grained deposits	576171	5342900	32D04	582789	355,7	96	2021-11-08T11:15:23Z	By foot	Hand shovel	9	0	4	0	7	0	22	95	10YR 4/6	2
148780052	148740124	Glaciolacustrine fine-grained deposits	576575,5	5342499	32D04	196565	324,2	130	2021-11-10T14:58:19Z	By foot	Auger	10	0	150	0	0	0	20	100	5GY 5/1	0
148780053	148740013	Sand	575774,3	5342834	32D04	327071	352,3	53	2021-11-08T10:32:53Z	By foot	Hand shovel	3	0	13	0	11	0	15	100	2.5YR 2.5/4	0
148780054	148740134	Sand	575375,8	5342496	32D04	298462	365,8	4	2021-11-10T11:01:49Z	By foot	Hand shovel	6	0	2	0	15	0	15	90	7.5YR 4/6	1
148780055	148740036	Diamicton	575980,5	5343242	32D04	582783	325,6	82	2021-11-08T14:40:00Z	By foot	Hand shovel	3	0	7	0	7	0	22	100	2.5Y 5/6	0
148780056	148740065	Sand	576161,6	5342744	32D04	582789	353,8	93	2021-11-09T14:40:46Z	By foot	Hand shovel	6	0	0	0	0	0	19	100	10YR 4/4	0
148780057	148740126	Glaciofluvial ice-contact deposits	576570,4	5342398	32D04	196565	325,4	128	2021-11-10T15:22:20Z	By foot	Hand shovel	5	0	9	0	1	0	20	100	10YR 5/8	0
148780058	148740042	Diamicton	576370,2	5342596	32D04	196565	352,0	111	2021-11-09T10:16:32Z	By foot	Hand shovel	9	0	19	0	4	0	15	100	10YR 4/2	0
148780059	148740062	Sand	576170,6	5342596	32D04	196565	351,3	90	2021-11-09T13:49:36Z	By foot	Hand shovel	13	0	3	0	6	0	20	85	10YR 6/6	5
148780060	148740132	Sand	575373,7	5342397	32D04	298462	371,1	2	2021-11-10T10:39:21Z	By foot	Hand shovel	12	0	2	0	9	0	9	90	10YR 5/6	14
148780062	148740050	Sand	576173,9	5342501	32D04	196565	351,3	88	2021-11-09T13:19:40Z	By foot	Hand shovel	8	0	2	0	8	0	9	60	10YR 4/6	14
148780063	148740068	Sand	575381,7	5342648	32D04	298462	359,7	7	2021-11-09T15:28:33Z	By foot	Hand shovel	7	0	2	0	7	0	21	85	10YR 4/6	3
148780064	148740017	Sand	575772,9	5343060	32D04	327071	359,8	57	2021-11-08T12:09:57Z	By foot	Hand shovel	1	0	14	0	6	0	19	100	7.5YR 4/6	0
148780065	148740084	Sand	575571,7	5343101	32D04	339470	358,2	37	2021-11-09T13:54:19Z	By foot	Hand shovel	2	0	15	0	8	0	15	100	5YR 4/6	0
148780066	148740107	Glaciolacustrine coarse-grained deposits	576572,2	5343351	32D04	582785	307,0	147	2021-11-10T10:11:55Z	By foot	Auger	3	0	200	0	0	0	20	100	5Y 4/2	0
148780067	148740086	Sand	575574,3	5343199	32D04	303002	351,0	39	2021-11-09T14:37:32Z	By foot	Hand shovel	3	0	7	0	10	0	12	100	7.5YR 4/6	0

Number randomized	Field soil number	C (%)	C color	Soil sampling depth (cm)	Humidity	Compacity	B blocs (%)	B pebbles (%)	B sand (%)	B Silt (%)	B clay (%)	B MO (%)	C Blocs (%)	C Pebbles (%)	C sand (%)	C Silt (%)	C Clay (%)	Roundness pebbles	Litho. pebbles	Forest cover	Drainage	Sampled under	Slope
148780002	148740119	0	0	140	Humid	Compact	0	0	85	8	2	5	0	0	0	0	0			Medium	Medium	Hypme	0
148780003	148740037	0	0	35	Humid	Little compact	0	1	85	12	2	0	0	0	0	0	0			Medium	Good	Dead leaves	2
148780004	148740057	0		34	Humid	Little compact	0	1	95	2	1	1	0	0	0	0	0			Medium	Good	Hypme	0
148780005	148740067	30	2.5Y 5/6	49	Dry	Little compact to compact	0	5	94	1	0	0	0	10	89	1	0			Low	Excellent	Hypme	0
148780006	148740100	20	2.5Y 5/4	38	Dry	Little compact to compact	2	2	95	1	0	0	0	1	98	1	0			Medium	Excellent	Hypme	0
148780007	148740083	0		35	Humid	Little compact	0	0	98	2	0	0	0	0	0	0	0			Medium	Good	Sphagnum	0
148780008	148740109	0		220	Wet	Compact	0	0	90	5	0	5	0	0	0	0	0			Bog	Bad	Sphagnum	0
148780009	148740041	8	2.5Y 4/2	48	Humid	Compact	5	5	84	5	1	0	0	4	88	7	1	Subangular subrounded		Medium	Really good	Hypme	0
148780010	148740027	15	2.5Y 5/6	34	Dry	Little compact to compact	0	3	96	1	0	0	0	8	80	10	2			Medium	Excellent	Hypme	0
148780012	148740035	0		40	Humid	Little compact	0	0	96	3	1	0	0	0	0	0	0			Medium	Good	Hypme	0
148780013	148740094	30	5Y 7/4	42	Dry	Little compact to compact	0	1	98	1	0	0	0	0	100	0	0			Medium	Excellent	Hypme	0
148780014	148740046	0		0	Dry	Little compact to compact	0	5	90	3	2	0	0	0	0	0	0			Medium	Excellent	Dead leaves	0
148780015	148740085	0		41	Humid	Compact	0	0	99	1	0	0	0	0	0	0	0			Medium	Good	Hypme	5
148780016	148740071	0		42	Humid	Little compact	0	1	97	1	1	0	0	0	0	0	0			Medium	Good	Hypme	1
148780017	148740014	50		48	Humid	Little compact	0	3	94	2	1	0	0	0	0	0	0			Medium	Good	Dead leaves	0
148780018	148740103	0		49	Wet	Little compact	0	0	93	2	0	5	0	0	0	0	0			Medium	Moderated	Sphagnum	0
148780019	148740133	15	2.5Y 7/4	42	Dry	Little compact to compact	2	3	95	0	0	0	0	1	99	0	0	Subangular subrounded		Medium	Excellent	Hypme	0
148780020	148740141	10	2.5Y 5/4	38	Dry	Little compact to compact	0	2	98	0	0	0	0	5	95	0	0			Medium	Excellent	Hypme	0
148780022	148740129	0		38	Dry	Little compact to compact	0	1	99	0	0	0	0	0	0	0	0			Medium	Excellent	Hypme	0
148780023	148740039	0		34	Humid	Little compact	0	1	96	2	1	0	0	0	0	0	0			Medium	Good	Hypme	1
148780024	148740006	60	2.5Y 4/4	0	Dry	Little compact to compact	0	0	95	4	1	0	0	1	90	6	3			Dense	Really good	Dead leaves	0
148780025	148740101	0		34	Humid	Compact	0	0	98	2	0	0	0	0	0	0	0			Medium	Good	Dead leaves	3
148780026	148740070	40	2.5Y	47	Dry	Little compact	0	0	100	0	0	0	0	0	100	0	0			Medium	Excellent	Hypme	0
148780027	148740060	0		37	Humid	Little compact	0	1	96	2	1	0	0	0	0	0	0			Medium	Good	Hypme	1
148780028	148740020	0		35	Humid	Little compact	0	1	96	2	1	0	0	0	0	0	0			Medium	Good	Dead leaves	3
148780029	148740089	0	0	100	Wet	Little compact	0	0	50	50	0	0	0	0	0	0	0			Medium	Good	Hypme	0
148780030	148740111	0		220	Wet	Compact	0	0	96	2	0	2	0	0	0	0	0			Medium	Bad	Sphagnum	0
148780032	148740032	0	0	35	Wet	Little compact	0	0	10	60	30	0	0	0	0	0	0			Bog	Bad	Sphagnum	0
148780033	148740028	20	2.5Y 7/6	44	Dry	Little compact to compact	0	5	89	5	1	0	0	4	87	8	1			Medium	Excellent	Dead leaves	0
148780034	148740061	80	2.5Y 5/6	45	Dry	Compact	0	1	99	0	0	0	0	1	99	0	0	Subangular		Medium	Excellent	Hypme	0
148780035	148740077	0		38	Humid	Little compact	0	5	93	2	0	0	0	0	0	0	0	Subangular subrounded	i1	Medium	Good	Hypme	0
148780036	148740102	0		49	Wet	Little compact	0	0	98	2	0	0	0	0	0	0	0			Medium	Moderated	Sphagnum	1
148780037	148740048	15	5Y 6/4	36	Dry	Compact	4	5	89	2	0	0	0	4	95	1	0	Subangular subrounded		Medium	Excellent	Hypme	0
148780038	148740019	0		45	Humid	Little compact	0	1	96	2	1	0	0	0	0	0	0			Medium	Good	Hypme	4
148780039	148740092	15	5Y 7/4	42	Dry	Little compact to compact	0	3	96	1	0	0	0	0	100	0	0			Medium	Excellent	Hypme	0
148780040	148740082	0		0	Humid	Compact	0	1	95	4	0	0	0	0	0	0	0			Medium	Medium	Sphagnum	0
148780042	148740075	0		35	Humid	Little compact	0	1	98	1	0	0	0	0	0	0	0			Medium	Good	Hypme	2
148780043	148740110	0		220	Wet	Compact	0	0	93	2	0	5	0	0	0	0	0			Medium	Moderated	Hypme	0
148780044	148740128	0		35	Dry	Little compact to compact	0	3	97	0	0	0	0	0	0	0	0	Subangular subrounded		Medium	Excellent	Hypme	0
148780045	148740135	60	2.5Y 6/4	42	Dry	Little compact to compact	0	5	95	0	0	0	0	1	99	0	0	Subangular subrounded		Medium	Excellent	Hypme	0
148780046	148740097	20	2.5Y 6/6	42	Dry	Little compact to compact	2	4	93	1	0	0	0	6	94	0	0			Medium	Excellent	Hypme	0
148780047	148740076	0		33	Humid	Compact	0	0	98	2	0	0	0	0	0	0	0			Medium	Good	Hypme	0
148780048	148740064	0		55	Dry	Little compact to compact	0	6	94	0	0	0	0	0	0	0	0	Subangular subrounded		Medium	Excellent	Hypme	0
148780049	148740033	0		37	Humid	Little compact	0	0	97	2	1	0	0	0	0	0	0			Medium	Good	Hypme	1
148780050	148740003	5	0	44	Humid	Little compact to compact	4	5	82	5	4	0	0	8	80	8	4			Low	Excellent	Dead leaves	0
148780052	148740124	0	0	180	Humid	Really compact	0	0	0	50	50	0	0	0	0	0	0			Medium	Bad	Hypme	0
148780053	148740013	0		32	Humid	Little compact	0	1	94	5	0	0	0	0	0	0	0			Medium	Medium	Dead leaves	2
148780054	148740134	10	2.5Y 5/6	39	Dry	Little compact to compact	0	4	95	1	0	0	0	0	100	0	0	Subangular subrounded		Medium	Excellent	Hypme	0
148780055	148740036	0	0	35	Humid	Little compact	0	5	81	12	2	0	0	0	0	0	0			Medium	Good	Dead leaves	2
148780056	148740065	0		25	Humid	Little compact	0	1	99	0	0	0	0	0	0	0	0			Medium	Excellent	Dead leaves	0
148780057	148740126	0	0	28	Humid	Compact	15	10	50	25	0	0	0	0	0	0	0	Subangular subrounded		Low	Good	Dead leaves	3
148780058	148740042	0	0	0	Wet	Little compact to compact	4	4	85	6	1	0	0	0	0	0	0	Subrounded		Medium	Moderated	Hypme	0
148780059	148740062	15	2.5Y 6/4	47	Dry	Compact	0	1	99	0	0	0	0	5	95	0	0	Subangular subrounded		Medium	Excellent	Hypme	0
148780060	148740132	10	2.5Y 5/4	44	Dry	Little compact to compact	0	5	95	0	0	0	0	0	100	0	0	Subangular subrounded		Low	Excellent	Hypme	0
148780062	148740050	40	2.5Y 6/4	41	Dry	Little compact to compact	0	4	91	5	0	0	0	1	99	0	0	Subangular subrounded		Medium	Excellent	Hypme	0
148780063	148740068	15	2.5Y 6/6	40	Dry	Little compact	0	1	99	0	0	0	0	1	99	0	0	Subrounded		Medium	Excellent	Hypme	0
148780064	148740017	0		38	Humid	Little compact	0	1	97	1	1	0	0	0	0	0	0			Medium	Good	Hypme	2
148780065	148740084	0		37	Humid	Compact	0	1	97	1	1	0	0	0	0	0	0			Medium	Good	Hypme	1
148780066	148740107	0		220	Saturated	Compact	0	0	85	10	0	5	0	0	0	0	0			Medium	Good	Dead leaves	0
148780067	148740086	0		34	Humid	Little compact	0	5	93	2	0	0	0	0	0	0	0		v2	Medium	Good	Hypme	2

Number randomized	Field soil number	Slope situation	Slope shape	Slope side	Comments
148780002	148740119	Re flat	Regular		clay/silt/sand
148780003	148740037	Mid Slope	Wavy		
148780004	148740057	Re flat	Regular		fine sand
148780005	148740067	Flat Field			C color : 2.5Y 5/6. Esker materials.
148780006	148740100	Flat Field			C color : 2.5Y 5/4
148780007	148740083	Open depression	Concave		fine sand
148780008	148740109	Re flat	Regular		fine sand
148780009	148740041	Low slope	Irregular	Medium	C color: 2.5Y 4/2
148780010	148740027	Mid Slope	Regular	Medium	Collected in the middle of a slope. Lot of bedrock around. C: 2.5Y 5/6
148780012	148740035	Re flat	Regular		
148780013	148740094	Flat Field			C color: 5Y 7/4
148780014	148740046	Mid Slope	Regular	Medium	
148780015	148740085	Mid Slope	Irregular		fine sand
148780016	148740071	Re flat	Regular		fine sand
148780017	148740014	Re flat	Regular		sand
148780018	148740103	Mid Slope	Regular		fine and medium sand
148780019	148740133	Flat Field			C color: 2.5Y 7/4
148780020	148740141	Flat Field			C color : 2.5Y 5/4
148780022	148740129	Flat Field			
148780023	148740039	Mid Slope	Regular		
148780024	148740006	Low slope	Regular	Top	No AE layer. We took the samplel 15 cm after the AH. B and C the sample. C color : 2.5Y 4/4
148780025	148740101	Mid Slope	Irregular		fine sand
148780026	148740070	Flat Field			C color : 2.5Y
148780027	148740060	Mid Slope			fine sand
148780028	148740020	Mid Slope	Regular		fine and medium sand
148780029	148740089	Re flat	Regular		fine sand and silt
148780030	148740111	Re flat	Regular		fine sand
148780032	148740032	Re flat	Regular		clay/silt
148780033	148740028	Mid Slope	Wavy	Medium	Lot of bedrocks all around the target. C color : 2.5Y 7/6
148780034	148740061	Flat Field			C color: 2.5Y 5/6
148780035	148740077	Re flat	Regular		fine sand
148780036	148740102	Mid Slope	Regular		fine and medium sand
148780037	148740048	Flat Field			C color : 5Y 6/4
148780038	148740019	Mid Slope	Irregular		large cliff to south continues to descend
148780039	148740092	Flat Field			C color : 5Y 7/4
148780040	148740082	Re flat	Regular		fine sand and silt
148780042	148740075	Re flat	Regular		fine and medium sand
148780043	148740110	Re flat	Regular		fine sand
148780044	148740128	Flat Field			
148780045	148740135	Flat Field			C color: 2.5Y 6/4
148780046	148740097	Flat Field			C color: 2.5Y 6/6
148780047	148740076	Re flat	Regular		fine sand
148780048	148740064	Low slope	Wavy	Medium	
148780049	148740033	Re flat	Irregular		
148780050	148740003	Top slope	Wavy	Medium	Collected in the middle side of a hill. B and C horizon inside the sample.
148780052	148740124	Re flat	Regular		clay/silt
148780053	148740013	Mid Slope	Regular		medium sand, collected beside an outcrop
148780054	148740134	Flat Field			C color : 2.5Y 5/6
148780055	148740036	Mid Slope	Regular		
148780056	148740065	Low slope	Regular	Medium	Top layer as been removed by mankind. Lot of bedrocks all around. Near a old road (7m).
148780057	148740126	Mid Slope	Regular		cobbly, gravely sand
148780058	148740042	Mid Slope	Regular	Low	Water is filling the hole.
148780059	148740062	Flat Field			C color: 2.5Y 6/4
148780060	148740132	Flat Field			C Color: 2.5Y 5/4
148780062	148740050	Flat Field			C color :2.5Y 6/4
148780063	148740068	Flat Field			C color: 2.5Y 6/6
148780064	148740017	Mid Slope	Irregular	Medium	fine and medium sand
148780065	148740084	Top slope	Regular		fine and medium sand
148780066	148740107	Re flat	Regular		fine silt and sand
148780067	148740086	Mid Slope	Regular		fine and medium sand

Number randomized	Field soil number	Material type revised	UTMX Nad 83, zone 17	UTMY nad 83, zone 17	NTS Map Sheet	Designated claim cell	Altitude (m)	Target	GSF_DATE	Transport type	Excavation method	LFH thickness (cm)	LFH (%)	Ah thickness (cm)	Ah (%)	Ae thickness (cm)	Ae (%)	B thickness (cm)	B (%)	B color	C thickness (cm)
148780068	148740044	Diamicton	576371,1	5342498	32D04	196565	345,9	109	2021-11-09T11:11:37Z	By foot	Hand shovel	6	0	6	0	9	0	15	90	10YR 5/6	9
148780069	148740127	Glaciofluvial ice-contact deposits	576585,2	5342354	32D04	251791	331,0	127	2021-11-10T15:36:12Z	By foot	Hand shovel	1	0	12	0	1	0	21	100	5Y 5/4	0
148780070	148740053	Sand	575976,9	5342353	32D04	103489	341,6	64	2021-11-09T08:06:49Z	ATV	Hand shovel	3	0	7	0	5	0	21	100	10YR 5/6	0
148780072	148740034	Sand	575988,2	5343346	32D04	582783	320,1	84	2021-11-08T14:16:49Z	By foot	Hand shovel	2	0	13	0	6	0	14	100	7.5YR 4/6	0
148780073	148740018	Sand	575773,1	5343111	32D04	327071	343,6	58	2021-11-08T12:36:39Z	By foot	Hand shovel	2	0	14	0	2	0	30	100	5YR 5/8	0
148780074	148740098	Sand	575576	5342449	32D04	298462	346,0	24	2021-11-10T09:37:32Z	By foot	Hand shovel	12	0	2	0	6	0	20	95	10YR 5/6	3
148780075	148740008	Diamicton	576177,6	5343158	32D04	582789	336,0	101	2021-11-08T13:02:42Z	By foot	Hand shovel	7	0	2	0	2	0	27	100	7.5YR 4/6	0
148780076	148740118	Glaciolacustrine fine-grained deposits	576574,1	5342804	32D04	582789	317,3	136	2021-11-10T13:21:21Z	By foot	Hand shovel	24	0	0	0	1	0	5	0	5Y 5/4	10
148780077	148740040	Sand	575979,7	5343045	32D04	327071	337,0	78	2021-11-08T15:42:38Z	By foot	Hand shovel	1	0	9	0	7	0	21	100	2.5Y 3/8	0
148780078	148740007	Diamicton	576176	5343094	32D04	582789	339,5	100	2021-11-08T12:48:24Z	By foot	Hand shovel	8	0	1	0	6	0	23	100	10YR 5/6	0
148780079	148740147	Sand	575775,9	5342453	32D04	103489	360,8	45	2021-11-10T15:35:57Z	By foot	Hand shovel	6	0	4	0	6	0	24	100	10YR 5/6	0
148780080	148740004	Diamicton	576184,4	5342956	32D04	582789	0,0	97	2021-11-08T11:41:23Z	By foot	Hand shovel	9	0	2	0	5	0	26	100	7.5YR 5/4	0
148780082	148740095	Diamicton	575571,1	5342598	32D04	298462	358,7	27	2021-11-10T09:00:26Z	By foot	Hand shovel	10	0	2	0	3	0	19	60	7.5YR 4/6	9
148780083	148740055	Sand	575976,4	5342447	32D04	103489	344,7	DB-CGP	2021-11-09T08:28:08Z	By foot	Hand shovel	2	0	9	0	7	0	21	100	10YR 4/6	0
148780084	148740079	Sand	575571,2	5342850	32D04	339470	344,8	32	2021-11-09T12:51:20Z	By foot	Hand shovel	3	0	5	0	4	0	29	100	10YR 6/6	0
148780085	148740143	Sand	575380,4	5342900	32D04	339470	361,5	12	2021-11-10T14:28:38Z	By foot	Hand shovel	7	0	2	0	2	0	11	85	10YR 5/6	12
148780086	148740136	Glaciolacustrine fine-grained deposits	575375,9	5343363	32D04	303002	327,2	21	2021-11-10T11:59:59Z	By foot	Hand shovel	0	0	0	0	0	0	0	0		190
148780087	148740038	Diamicton	575981,6	5343151	32D04	327071	333,0	80	2021-11-08T15:15:34Z	By foot	Hand shovel	2	0	8	0	7	0	16	100	5YR 4/6	0
148780088	148740096	Sand	575572,6	5342551	32D04	298462	362,3	26	2021-11-10T09:11:09Z	By foot	Hand shovel	12	0	3	0	3	0	13	60	7.5YR 4/6	10
148780089	148740120	Glaciolacustrine fine-grained deposits	576580,1	5342699	32D04	251791	315,3	134	2021-11-10T13:45:37Z	By foot	Auger	10	0	170	0	0	0	2	0	5Y 5/2	18
148780090	148740051	Sand	575973	5343004	32D04	327071	337,3	77	2021-11-08T15:51:33Z	By foot	Hand shovel	3	0	7	0	9	0	19	100	5YR 4/6	0
148780092	148740073	Sand	575977,4	5342845	32D04	327071	349,6	74	2021-11-09T10:35:09Z	By foot	Hand shovel	2	0	7	0	4	0	19	100	7.5YR 4/6	0
148780093	148740026	Lodgment and or Melt-out Till	576408,2	5342911	32D04	582789	345,4	117	2021-11-09T08:26:45Zl	By foot	Hand shovel	19	0	4	0	8	0	11	80	10YR 3/6	9
148780094	148740105	Glaciolacustrine coarse-grained deposits	576372,7	5343301	32D04	582784	324,8	125	2021-11-10T09:26:25Z	By foot	Auger	10	0	200	0	0	0	20	100	5Y 4/2	0
148780095	148740088	Sand	575575,8	5343294	32D04	303002	336,3	41	2021-11-09T15:03:03Z	By foot	Hand shovel	2	0	7	0	8	0	20	100	10YR 5/8	0
148780096	148740005	Sand	576176,6	5343003	32D04	582789	336,4	98	2021-11-08T11:52:13Z	By foot	Hand shovel	7	0	2	0	15	0	15	100	7.5YR 4/6	0
148780097	148740080	Sand	575570	5342890	32D04	339470	344,9	33	2021-11-09T12:59:43Z	By foot	Hand shovel	2	0	6	0	10	0	22	100	10YR 5/3	0
148780098	148740072	Sand	575971,6	5342799	32D04	327071	347,9	73	2021-11-09T10:25:40Z	By foot	Hand shovel	2	0	6	0	1	0	26	100	2.5Y 3/8	0
148780099	148740054	Sand	575976,2	5342398	32D04	103489	344,8	65	2021-11-09T08:18:58Z	ATV	Hand shovel	2	0	7	0	12	0	20	100	10YR 4/6	0
148780100	148740087	Sand	575571,5	5343256	32D04	303002	338,3	40	2021-11-09T14:54:49Z	By foot	Hand shovel	3	0	11	0	16	0	18	100	7.5YR 2.5/3	0
148780102	148740117	Melt-out Till	576567,4	5342837	32D04	582789	315,1	137	2021-11-10T12:42:06Z	By foot	Hand shovel	14	0	18	0	2	0	21	100		0
148780103	148740016	Sand	575771	5342999	32D04	327071	365,4	56	2021-11-08T12:00:22Z	By foot	Hand shovel	1	0	12	0	2	0	23	100	5YR 4/6	0
148780104	148740025	Lodgment and or Melt-out Till	576377,4	5342945	32D04	582789	335,5	118	2021-11-08T16:03:13Z	By foot	Hand shovel	13	0	7	0	7	0	19	60	10YR 4/6	1
148780105	148740145	Sand	575770,5	5342349	32D04	103489	358,7	43	2021-11-10T15:13:06Z	By foot	Hand shovel	7	0	2	0	2	0	24	100	10YR 5/6	0
148780106	148740090	Sand	575376,4	5343303	32D04	303002	329,7	20	2021-11-09T15:49:06Z	By foot	Hand shovel	3	0	11	0	5	0	21	100	10YR 3/6	0
148780107	148740144	Sand	575372,7	5342848	32D04	339470	365,9	11	2021-11-10T14:41:11Z	By foot	Hand shovel	12	0	7	0	8	0	12	90	7.5YR 4/4	2
148780108	148740024	Glaciofluvial ice-contact deposits	576368	5342999	32D04	582789	324,2	119	2021-11-08T15:40:51Z	By foot	Hand shovel	9	0	1	0	5	0	25	90	2.5Y 4/4	1
148780109	148740091	Sand	575375	5342803	32D04	339470	364,3	10	2021-11-09T16:06:15Z	By foot	Hand shovel	8	0	1	0	7	0	17	85	10YR 4/6	10
148780110	148740069	Sand	575374,8	5342697	32D04	298462	363,9	8	2021-11-09T15:40:23Z	By foot	Hand shovel	14	0	1	0	6	0	9	60	2.5Y 5/6	17
148780112	148740031	Sand	575779,4	5343256	32D04	582783	328,7	61	2021-11-08T13:21:40Z	By foot	Hand shovel	2	0	8	0	7	0	18	100	7.5YR 2.5/3	0
148780113	148740122	Glaciolacustrine coarse-grained deposits	576578,2	5342598	32D04	196565	321,6	132	2021-11-10T14:28:54Z	By foot	Hand shovel	6	0	22	0	1	0	10	100	10YR 4/3	0
148780114	148740059	Diamicton	575976,5	5342641	32D04	103489	354,9	70	2021-11-09T09:11:41Z	ATV	Hand shovel	5	0	7	0	4	0	22	100	7.5YR 4/6	0
148780115	148740112	Glaciolacustrine coarse-grained deposits	576579,6	5343093	32D04	582790	315,2	142	2021-11-10T11:32:44Z	By foot	Auger	10	0	200	0	0	0	20	100	5Y 5/4	0
148780116	148740081	Sand	575580	5342959	32D04	339470	355,2	34	2021-11-09T13:22:12Z	By foot	Hand shovel	4	0	12	0	6	0	22	100	5YR 5/6	0
148780117	148740001	Sand	576370,7	5342351	32D04	196565	352,2	106	2021-11-08T09:38:13Z	By foot	Hand shovel	13	0	2	0	12	0	19	0	7.5YR 4/6	0
148780118	148740058	Sand	575979,2	5342594	32D04	103489	351,4	69	2021-11-09T08:53:58Z	By foot	Hand shovel	8	0	8	0	9	0	13	100	5YR 4/4	0
148780119	148740115	Glaciolacustrine fine-grained deposits	576576,3	5342960	32D04	582790	315,1	139	2021-11-10T12:12:56Z	By foot	Auger	10	0	120	0	0	0	20	100	5Y 4/2	0
148780120	148740022	Sand	576367,5	5343100	32D04	582789	312,2	121	2021-11-08T14:18:06Z	By foot	Hand shovel	15	0	2	0	12	0	20	100	10YR 3/4	0
148780122	148740056	Sand	575978,1	5342499	32D04	103489	347,9	67	2021-11-09T08:35:18Z	By foot	Hand shovel	3	0	9	0	5	0	12	75	5YR 3/4	8
148780123	148740002	Diamicton	576176,9	5342842	32D04	582789	354,2	95	2021-11-08T10:56:14Z	By foot	Hand shovel	12	0	4	0	6	0	26	100	7.5YR 4/6	0
148780124	148740108	Glaciolacustrine coarse-grained deposits	576574,8	5343299	32D04	582785	315,9	146	2021-11-10T10:30:31Z	By foot	Auger	3	0	200	0	0	0	20	100	5Y 4/2	0
148780125	148740011	Diamicton	575770,5	5342742	32D04	327071	347,7	51	2021-11-08T10:14:13Z	By foot	Hand shovel	5	0	6	0	7	0	16	100	10YR 4/6	0
148780126	148740047	Diamicton	576177,7	5342333	32D04	196565	351,7	85	2021-11-09T12:06:06Z	By foot	Hand shovel	10	0	3	0	6	0	15	80	10YR 3/6	14
148780127	148740104	Sand	576372,5	5343244	32D04	582784	321,0	124	2021-11-10T09:08:53Z	By foot	Auger	5	0	120	0	0	0	15	100	7.5YR 4/2	0
148780128	148740066	Sand	576174,3	5342816	32D04	582789	350,4	94	2021-11-09T14:54:18Z	By foot	Hand shovel	10	0	3	0	4	0	15	70	10YR 5/6	10
148780129	148740093	Sand	575571,1	5342698	32D04	298462	361,1	29	2021-11-10T08:42:46Z	By foot	Hand shovel	10	0	2	0	16	0	9	80	10YR 5/6	9
148780130	148740078	Sand	575575,6	5342802	32D04	339470	344,5	31	2021-11-09T12:42:37Z	By foot	Hand shovel	2	0	6	0	7	0	17	100	10YR 5/8	0
148780132	148740099	Sand	575572,2	5342399	32D04	298462	365,3	23	2021-11-10T09:51:46Z	By foot	Hand shovel	7	0	5	0	6	0	10	85	7.5YR 4/6	10
148780133	148740045	Sand	576369,2	5342447	32D04	196565	348,0	108	2021-11-09T11:27:33Z	By foot	Hand shovel	7	0	3	0	11	0	9	90	10YR 4/6	4
148780134	148740139	Diamicton	575366	5343101	32D04	339470	344,7	16	2021-11-10T13:11:59Z	By foot	Hand shovel	12	0	3	0	12	0	12	90		2

Number randomized	Field soil number	C (%)	C color	Soil sampling depth (cm)	Humidity	Compacity	B blocs (%)	B pebbles (%)	B sand (%)	B Silt (%)	B clay (%)	B MO (%)	C Blocs (%)	C Pebbles (%)	C sand (%)	C Silt (%)	C Clay (%)	Roundness pebbles	Litho. pebbles	Forest cover	Drainage	Sampled under	Slope
148780068	148740044	10	2.5Y 5/6	45	Dry	Compact	3	6	86	5	0	0	0	8	90	2	0	Subangular subrounded		Medium	Excellent	Dead leaves	0
148780069	148740127	0	0	35	Humid	Compact	0	8	70	18	2	2	0	0	0	0	0	Subangular subrounded	v3, v2	Medium	Medium	Dead leaves	2
148780070	148740053	0		38	Humid	Little compact	0	1	96	2	1	0	0	0	0	0	0			Medium	Good	Hypme	1
148780072	148740034	0		37	Humid	Little compact	0	0	97	2	1	0	0	0	0	0	0			Medium	Good	Hypme	2
148780073	148740018	0		45	Humid	Little compact	0	1	97	1	1	0	0	0	0	0	0			Medium	Good	Hypme	2
148780074	148740098	5	2.5Y 6/4	43	Dry	Little compact to compact	0	1	99	0	0	0	0	5	95	0	0	Subrounded		Medium	Excellent	Hypme	0
148780075	148740008	0	0	0	Dry	Little compact to compact	3	6	86	4	1	0	0	0	0	0	0	Subangular subrounded		Medium	Excellent	Dead leaves	0
148780076	148740118	100	0	45	Humid	Compact	0	0	0	0	0	0	0	0	0	55	45			Medium	Bad	Sphagnum	0
148780077	148740040	0		35	Humid	Little compact	0	1	96	2	1	0	0	0	0	0	0			Low	Good	Dead leaves	1
148780078	148740007	0	0	38	Dry	Little compact to compact	4	6	84	5	1	0	0	0	0	0	0	Subangular		Medium	Excellent	Dead leaves	0
148780079	148740147	0		42	Dry	Little compact to compact	0	1	99	0	0	0	0	0	0	0	0			Medium	Excellent	Hypme	0
148780080	148740004	0	0	42	Dry	Little compact to compact	4	5	86	4	1	0	0	0	0	0	0	Angular_Subangular		Low	Excellent	Hypme	0
148780082	148740095	40	2.5Y 5/4	45	Dry	Little compact to compact	0	5	95	0	0	0	0	20	79	1	0			Medium	Excellent	Hypme	0
148780083	148740055	0		37	Humid	Compact	0	1	96	2	1	0	0	0	0	0	0			Medium	Good	Hypme	0
148780084	148740079	0		37	Humid	Little compact	0	0	94	5	1	0	0	0	0	0	0			Medium	Good	Hypme	0
148780085	148740143	15	2.5Y 5/4	34	Dry	Little compact to compact	0	1	99	0	0	0	0	4	88	8	0			Medium	Excellent	Hypme	0
148780086	148740136	100	0	190	Saturated	Really compact	0	0	0	0	0	0	0	0	0	0	100			Swamp	Bad	Hypme	0
148780087	148740038	0		34	Humid	Compact	1	3	92	3	1	0	0	0	0	0	0			Medium	Medium	Hypme	2
148780088	148740096	40	2.5Y 5/6	41	Dry	Little compact to compact	0	2	97	1	0	0	0	5	95	0	0			Medium	Excellent	Hypme	0
148780089	148740120	100	0	200	Wet	Really compact	0	0	0	0	0	0	0	0	0	50	50			Medium	Bad	Hypme	0
148780090	148740051	0		32	Humid	Little compact	0	1	96	2	1	0	0	0	0	0	0			Low	Good	Dead leaves	2
148780092	148740073	0		35	Humid	Compact	0	1	97	1	1	0	0	0	0	0	0			Medium	Good	Dead leaves	2
148780093	148740026	20	2.5Y 4/4	51	Dry	Little compact to compact	1	0	84	14	1	0	1	4	80	14	1			Medium	Really good	Hypme	0
148780094	148740105	0	0	215	Saturated	Little compact	0	2	83	5	0	10	0	0	0	0	0				Bad	Sphagnum	0
148780095	148740088	0		36	Humid	Little compact	0	0	98	2	0	0	0	0	0	0	0			Medium	Good	Hypme	3
148780096	148740005	0		0	Dry	Little compact to compact	0	5	89	5	1	0	0	0	0	0	0	Subangular subrounded		Low	Excellent	Dead leaves	0
148780097	148740080	0		39	Humid	Compact	0	0	98	2	0	0	0	0	0	0	0			Medium	Good	Hypme	0
148780098	148740072	0		30	Humid	Little compact	0	1	98	1	0	0	0	0	0	0	0			Low	Moderated	Dead leaves	1
148780099	148740054	0		39	Humid	Compact	0	1	96	2	1	0	0	0	0	0	0			Medium	Good	Hypme	0
148780100	148740087	0		38	Humid	Little compact	0	0	98	2	0	0	0	0	0	0	0			Medium	Good	Hypme	0
148780102	148740117	0	0	63	Wet	Compact	1	8	74	14	2	1	0	0	0	0	0	Subangular subrounded	v3, v2	Low	Moderated	Sphagnum	1
148780103	148740016	0		35	Humid	Little compact	0	2	95	2	1	0	0	0	0	0	0			Medium	Good	Hypme	0
148780104	148740025	40	5Y 5/2	46	Humid	Compact	3	6	82	8	1	0	5	12	70	12	1			Medium	Really good	Dead leaves	0
148780105	148740145	0		35	Dry	Little compact to compact	0	4	96	0	0	0	0	0	0	0	0	Subangular subrounded		Medium	Excellent	Hypme	0
148780106	148740090	0		36	Humid	Little compact	0	0	97	2	1	0	0	0	0	0	0			Medium	Good	Dead leaves	3
148780107	148740144	10	2.5YR 6/4	41	Dry	Little compact to compact	0	4	95	1	0	0	0	2	96	2	0	Subangular subrounded		Medium	Excellent	Hypme	0
148780108	148740024	10	2.5Y 4/4	42	Dry	Compact	5	12	68	14	1	0	15	69	0	15	1	Subangular subrounded		Low	Medium	Dead leaves	0
148780109	148740091	15	5Y 5/4	43	Dry	Little compact	0	1	99	0	0	0	0	5	95	0	0			Medium	Excellent	Hypme	0
148780110	148740069	40	5Y 7/4	47	Dry	Little compact to compact	0	0	100	0	0	0	0	0	100	0	0			Medium	Excellent	Hypme	0
148780112	148740031	0		32	Wet	Little compact	0	0	92	3	2	3	0	0	0	0	0			Low	Medium	Dead leaves	2
148780113	148740122	0	0	40	Humid	Compact	0	14	40	40	4	2	0	0	0	0	0			Medium	Medium	Hypme	0
148780114	148740059	0		35	Humid	Little compact	0	2	95	1	1	1	0	0	0	0	0			Medium	Good	Hypme	0
148780115	148740112	0		220	Wet	Compact	0	0	90	5	0	5	0	0	0	0	0			Medium	Bad	Sphagnum	0
148780116	148740081	0		42	Humid	Compact	0	0	97	3	0	0	0	0	0	0	0			Medium	Good	Dead leaves	4
148780117	148740001	100		44	Dry	Little compact to compact	0	4	90	5	1	0	0	0	0	0	0	Angular		Medium	Excellent	Hypme	0
148780118	148740058	0		36	Humid	Little compact	0	1	96	2	1	0	0	0	0	0	0			Medium	Good	Hypme	0
148780119	148740115	0	0	150	Wet	Compact	0	0	5	45	49	1	0	0	0	0	0			Medium	Moderated	Hypme	2
148780120	148740022	0		0	Saturated	Really compact	0	6	90	4	0	0	0	0	0	0	0			Medium	Excellent	Hypme	0
148780122	148740056	25		37	Humid	Little compact	0	1	96	2	1	0	0	1	96	2	1			Medium	Good	Hypme	0
148780123	148740002	0	0	44	Dry	Little compact to compact	5	5	82	7	1	0	0	0	0	0	0	Angular_Subangular		Low	Excellent	Dead leaves	0
148780124	148740108	0		220	Wet	Compact	0	0	92	3	0	5	0	0	0	0	0			Medium	Bad	Sphagnum	0
148780125	148740011	0	0	35	Humid	Little compact	0	5	88	6	1	0	0	0	0	0	0	Subangular subrounded		Medium	Good	Hypme	0
148780126	148740047	20	2.5Y 5/4	48	Dry	Little compact	3	6	89	2	0	0	2	12	84	2	0	Subangular subrounded		Medium	Excellent	Dead leaves	0
148780127	148740104	0		145	Saturated	Little compact	0	0	93	2	0	5	0	0	0	0	0			Bog	Bad	Sphagnum	0
148780128	148740066	30	2.5Y 5/6	42	Dry	Little compact to compact	0	0	99	1	0	0	0	0	97	3	0			Medium	Excellent	Hypme	0
148780129	148740093	20	5Y 7/4	46	Dry	Little compact to compact	0	1	99	0	0	0	0	1	98	1	0			Medium	Excellent	Hypme	0
148780130	148740078	0		29	Humid	Little compact	0	0	90	10	0	0	0	0	0	0	0			Medium	Good	Hypme	0
148780132	148740099	15	2.5Y 6/6	38	Dry	Little compact to loose	0	1	98	1	0	0	0	2	98	0	0			Medium	Excellent	Hypme	0
148780133	148740045	10	2.5Y 5/6	34	Dry	Little compact to compact	0	3	93	4	0	0	0	0	95	5	0	Subangular subrounded		Medium	Excellent	Hypme	0
148780134	148740139	10	2.5Y 5/6	41	Dry	Little compact to compact	0	3	96	1	0	0	0	18	82	0	0			Medium	Excellent	Hypme	0

Number randomized	Field soil number	Slope situation	Slope shape	Slope side	Comments
148780068	148740044	Low slope	Regular	Low	Look like esker materials. C color: 2.5Y 5/6
148780069	148740127	Mid Slope	Irregular		cobbly till
148780070	148740053	Re flat	Regular		fine sand
148780072	148740034	Mid Slope	Regular		
148780073	148740018	Re flat	Regular		moved, soil not readily available, mostly moss on bedrock. big structure 15m S of here with pillow basalts against something else
148780074	148740098	Flat Field			C color: 2.5Y 6/4. Sample collected next to a road (10m).
148780075	148740008	Low slope	Regular	Low	
148780076	148740118	Re flat			clay/silt
148780077	148740040	Re flat	Irregular		
148780078	148740007	Flat Field			
148780079	148740147	Flat Field			
148780080	148740004	Top slope	Irregular	Medium	Sample collected in the middle of the hill. Lot of bedrock directly on the target.
148780082	148740095	Flat Field			C color : 2.5Y 5/4
148780083	148740055	Re flat	Regular		fine sand
148780084	148740079	Re flat	Regular		fine sand
148780085	148740143	Flat Field			C color: 2.5Y 5/4
148780086	148740136	Flat Field			Majority of clay in the sample. Some organics is left when cleaning the clay.
148780087	148740038	Mid Slope	Irregular		
148780088	148740096	Flat Field			C color: 2.5Y 5/6
148780089	148740120	Re flat	Regular		clay/silt
148780090	148740051	Mid Slope	Irregular		
148780092	148740073	Low slope	Irregular		fine sand
148780093	148740026	Mid Slope	Wavy	Medium	Sample collected in the middle of a very wavy area. Lot of bedrocks all around. C color: 2.5Y 4/4. B & C inside the sample.
148780094	148740105	Re flat	Regular		medium sand, couldn't remove 15cm of top B easily so most of this material is from the AB contact directly rather than from 15cm below it
148780095	148740088	Mid Slope	Regular		fine sand
148780096	148740005	Top slope	Irregular	Medium	
148780097	148740080	Re flat	Regular		fine sand
148780098	148740072	Re flat			coarse and medium sand
148780099	148740054	Re flat			fine sand
148780100	148740087	Mid Slope	Regular		fine and medium sand
148780102	148740117	Low slope	Concave		taken to overlap/coincide with till 148720004. same hole
148780103	148740016	Re flat	Regular		medium sand
148780104	148740025	Mid Slope	Regular	Medium	C color: 5Y 5/2
148780105	148740145	Flat Field			
148780106	148740090	Mid Slope	Irregular		fine and medium sand
148780107	148740144	Flat Field			C color: 2.5YR 6/4
148780108	148740024	Rounded peak	Regular	Low	C : 2.5Y 4/4. B & C mixed inside the sample.
148780109	148740091	Flat Field			c color: 5Y 5/4
148780110	148740069	Flat Field			C color : 5Y 7/4
148780112	148740031	Mid Slope	Regular	Medium	
148780113	148740122	Re flat	Regular		fine sand
148780114	148740059	Re flat	Regular		medium and coarse sand
148780115	148740112	Re flat	Regular		fine sand
148780116	148740081	Mid Slope	Irregular		fine and medium sand
148780117	148740001	Flat Field			
148780118	148740058	Re flat	Regular		fine sand
148780119	148740115	Low slope	Regular		clay/silt
148780120	148740022	Flat Field			
148780122	148740056	Re flat	Regular		fine sand
148780123	148740002	Mid Slope	Wavy	Medium	
148780124	148740108	Re flat	Regular		fine sand, several auger-fuls from the AB contact
148780125	148740011	Re flat	Regular		beside the trail
148780126	148740047	Flat Field			Esker materials. C color : 2.5Y 5/4
148780127	148740104	Re flat	Regular		medium and coarse sand
148780128	148740066	Low slope	Regular	Medium	C color : 2.5Y 5/6
148780129	148740093	Flat Field			C color : 5Y 7/4
148780130	148740078	Re flat	Regular		fine sand
148780132	148740099	Flat Field			C color: 2.5Y 6/6
148780133	148740045	Low slope	Regular	Medium	C color : 2.5Y 5/6
148780134	148740139	Flat Field			C color: 2.5Y 5/6

Number randomized	Field soil number	Material type revised	UTMX Nad 83, zone 17	UTMY nad 83, zone 17	NTS Map Sheet	Designated claim cell	Altitude (m)	Target	GSF_DATE	Transport type	Excavation method	LFH thickness (cm)	LFH (%)	Ah thickness (cm)	Ah (%)	Ae thickness (cm)	Ae (%)	B thickness (cm)	B (%)	B color	C thickness (cm)
148780135	148740015	Sand	575772,5	5342947	32D04	327071	362,4	55	2021-11-08T11:36:05Z	By foot	Hand shovel	3	0	8	0	12	50	17	50	5YR 4/6	0
148780136	148740131	Sand	575368,7	5342352	32D04	298462	371,5	1	2021-11-10T10:27:39Z	By foot	Hand shovel	12	0	3	0	3	0	16	90	7.5YR 4/6	8
148780137	148740023	Diamicton	576377,2	5343051	32D04	582789	323,5	120	2021-11-08T15:25:21Z	By foot	Hand shovel	0	0	0	0	0	0	0	95	10YR 4/6	0
148780138	148740116	Glaciolacustrine fine-grained deposits	576574,9	5342902	32D04	582789	316,0	138	2021-11-10T12:30:17Z	By foot	Hand shovel	8	0	10	0	0	0	20	100	5Y 5/2	0
148780139	148740063	Sand	576173,3	5342649	32D04	196565	352,2	91	2021-11-09T14:02:02Z	By foot	Hand shovel	8	0	2	0	13	0	14	30	10YR 4/6	5
148780140	148740021	Glaciolacustrine fine-grained deposits	576173,5	5343298	32D04	582784	323,6	104	2021-11-08T14:00:10Z	By foot	Hand shovel	0	0	0	0	0	0	0	0		0
148780142	148740049	Sand	576179,7	5342452	32D04	196565	349,4	87	2021-11-09T13:04:45Z	By foot	Hand shovel	6	0	2	0	3	0	18	95	10YR 4/6	4
148780143	148740138	Sand	575372,1	5343154	32D04	339470	346,4	17	2021-11-10T12:25:57Z	By foot	Hand shovel	10	0	2	0	10	0	16	90	10YR 4/6	10
148780144	148740052	Sand	575988,8	5342952	32D04	327071	344,2	76	2021-11-08T16:08:58Z	By foot	Hand shovel	3	0	7	0	10	0	18	100	5YR 3/4	0
148780145	148740146	Sand	575776,8	5342398	32D04	103489	361,9	44	2021-11-10T15:25:00Z	By foot	Hand shovel	12	0	2	0	12	10	10	90	10YR 5/6	0
148780146	148740012	Sand	575776,7	5342797	32D04	327071	348,9	52	2021-11-08T10:22:24Z	By foot	Hand shovel	3	0	6	0	1	0	22	100	10YR 5/8	0
148780147	148740114	Glaciolacustrine coarse-grained deposits	576571,9	5343000	32D04	582789	314,5	140	2021-11-10T11:59:32Z	By foot	Auger	10	0	130	0	0	0	20	100	5Y 5/4	0
148780148	148740106	Sand	576371,9	5343355	32D04	582784	327,2	126	2021-11-10T09:51:04Z	By foot	Auger	0	0	0	5	0	0	0	95	5Y 4/2	0
148780149	148740125	Glaciolacustrine fine-grained deposits	576577,6	5342457	32D04	196565	325,2	129	2021-11-10T15:12:50Z	By foot	Auger	0	0	0	0	0	0	20	100	5GY 5/1	0
148780150	148740043	Sand	576379,4	5342550	32D04	196565	350,4	110	2021-11-09T10:52:48Z	By foot	Hand shovel	15	0	3	0	19	0	9	100	7.5YR 5/6	0
148780152	148740140	Sand	575376,3	5343045	32D04	339470	354,1	15	2021-11-10T13:24:14Z	By foot	Hand shovel	12	0	5	0	12	10	14	85	10YR 4/6	3
148780153	148740010	Glaciolacustrine fine-grained deposits	576168,6	5343254	32D04	582784	320,2	103	2021-11-08T13:44:19Z	By foot	Hand shovel	0	0	0	20	0	0	0	0		0
148780154	148740137	Sand	575380,2	5343209	32D04	303002	334,8	18	2021-11-10T12:16:49Z	By foot	Hand shovel	6	0	1	0	18	0	12	100	10YR 5/6	0
148780155	148740074	Sand	575970	5342896	32D04	327071	353,1	75	2021-11-09T10:56:29Z	By foot	Hand shovel	3	0	9	0	7	0	18	100	7.5YR 4/6	0
148780156	148740113	Glaciolacustrine coarse-grained deposits	576569,5	5343050	32D04	582789	316,9	141	2021-11-10T11:44:35Z	By foot	Auger	10	0	200	0	0	0	20	100	5Y 5/4	0
148780157	148740121	Glaciolacustrine coarse-grained deposits	576577,3	5342648	32D04	196565	318,9	133	2021-11-10T14:01:49Z	By foot	Auger	10	0	90	0	0	0	20	100	7.5YR 2.5/2	0
148780158	148740009	Sand	576175,9	5343199	32D04	582789	315,2	102	2021-11-08T13:19:37Z	By foot	Hand shovel	15	0	3	0	15	0	20	100	7.5YR 3/4	0
148780159	148740142	Sand	575379,3	5342944	32D04	339470	356,5	13	2021-11-10T14:05:02Z	By foot	Hand shovel	8	0	3	0	2	0	19	100	10YR 4/4	0
148780160	148740029	Diamicton	576378,6	5342743	32D04	196565	347,7	114	2021-11-09T09:24:23Z	By foot	Hand shovel	12	0	2	0	4	0	17	80	10YR 5/6	6
148780162	148740123	Glaciolacustrine fine-grained deposits	576578,3	5342548	32D04	196565	320,9	131	2021-11-10T14:46:01Z	By foot	Auger	10	0	100	0	0	0	20	100	5Y 4/2	0
148780163	148740030	Sand	576379,6	5342691	32D04	196565	350,3	113	2021-11-09T09:39:04Z	By foot	Hand shovel	12	0	20	0	0	0	27	85	7.5YR 4/4	14

Number randomized	Field soil number	C (%)	C color	Soil sampling depth (cm)	Humidity	Compacity	B blocs (%)	B pebbles (%)	B sand (%)	B Silt (%)	B clay (%)	B MO (%)	C Blocs (%)	C Pebbles (%)	C sand (%)	C Silt (%)	C Clay (%)	Roundness pebbles	Litho. pebbles	Forest cover	Drainage	Sampled under	Slope
148780135	148740015	0		35	Humid	Little compact	0	1	95	3	1	0	0	0	0	0	0	Subangular subrounded		Medium	Good	Dead leaves	2
148780136	148740131	10	2.5Y 6/6	42	Dry	Little compact to compact	0	5	94	1	0	0	0	4	96	0	0			Medium	Excellent	Hypme	0
148780137	148740023	5	2.5Y 6/4	0	Dry	Compact	0	8	72	17	3	0	0	14	67	16	3						0
148780138	148740116	0	0	40	Wet	Compact	0	0	0	0	0	0	0	0	0	60	40			Medium	Moderated	Hypme	0
148780139	148740063	70	2.5Y 6/6	42	Dry	Little compact to compact	0	1	99	0	0	0	0	0	99	1	0			Medium	Excellent	Dead leaves	0
148780140	148740021	100	0	140	Saturated	Really compact	0	0	0	0	0	0	0	0	0	0	100			Dense	Bad	Hypme	0
148780142	148740049	5	2.5Y 5/5	33	Dry	Compact	0	5	93	2	0	0	0	10	89	1	0			Medium	Excellent	Dead leaves	0
148780143	148740138	10	2.5Y 6/4	48	Dry	Little compact to compact	0	2	98	0	0	0	0	0	100	0	0			Low	Excellent	Hypme	0
148780144	148740052	0		29	Humid	Little compact	0	1	97	1	1	0	0	0	0	0	0			Medium	Good	Dead leaves	4
148780145	148740146	0		36	Dry	Little compact to compact	0	4	96	0	0	0	0	0	0	0	0			Low	Excellent	Hypme	0
148780146	148740012	0		36	Humid	Little compact	0	3	95	2	0	0	0	0	0	0	0	Subangular subrounded		Medium	Good	Dead leaves	1
148780147	148740114	0	0	160	Wet	Little compact	0	2	88	5	0	5	0	0	0	0	0			Medium	Bad	Sphagnum	0
148780148	148740106	0		220	Wet	Compact	0	0	93	2	0	5	0	0	0	0	0			Medium	Moderated	Hypme	0
148780149	148740125	0	0	100	Humid	Little compact	0	0	0	50	50	0	0	0	0	0	0			Medium	Bad	Dead leaves	0
148780150	148740043	0		46	Dry	Little compact to compact	0	5	90	5	0	0	0	0	0	0	0			Medium	Excellent	Hypme	0
148780152	148740140	5	2.5Y 6/4	45	Dry	Little compact to compact	0	2	98	0	0	0	0	5	95	0	0			Medium	Excellent	Hypme	0
148780153	148740010	80	0	108	Saturated	Really compact	0	0	0	0	0	0	0	0	0	0	100			Dense	Bad	Hypme	0
148780154	148740137	0		37	Dry	Little compact to compact	0	1	99	0	0	0	0	0	0	0	0			Medium	Excellent	Hypme	0
148780155	148740074	0		39	Humid	Compact	0	1	96	2	1	0	0	0	0	0	0			Medium	Good	Dead leaves	1
148780156	148740113	0		220	Wet	Little compact	0	0	90	5	0	5	0	0	0	0	0			Medium	Moderated	Sphagnum	0
148780157	148740121	0	0	120	Humid	Compact	0	0	10	70	10	10	0	0	0	0	0			Medium	Moderated	Hypme	0
148780158	148740009	0		53	Dry	Little compact to compact	0	5	90	5	0	0	0	0	0	0	0			Medium	Excellent	Hypme	0
148780159	148740142	0		33	Dry	Little compact to compact	0	0	99	1	0	0	0	0	0	0	0			Medium	Excellent	Hypme	0
148780160	148740029	20	2.5Y 5/6	41	Dry	Little compact to compact	4	8	81	6	1	0	0	6	87	6	1	Angular_Subangular		Medium	Excellent	Dead leaves	0
148780162	148740123	0	0	130	Humid	Compact	0	0	0	50	50	0	0	0	0	0	0			Medium	Moderated	Hypme	0
148780163	148740030	15	2.5Y 4/2	63	Saturated	Little compact to compact	0	3	93	3	1	0	0	6	87	6	1			Medium	Medium	Hypme	0

Number randomized	Field soil number	Slope situation	Slope shape	Slope side	Comments
148780135	148740015				collected beside a rocky outcrop
148780136	148740131	Flat Field			C color: 2.5Y 6/6
148780137	148740023	Low slope	Regular	Top	C: 2.5Y 6/4
148780138	148740116	Re flat	Regular		clay/silt
148780139	148740063	Flat Field			C color : 2.5Y 6/6
148780140	148740021	Flat Field			Only clay.
148780142	148740049	Flat Field			C color : 2.5Y 5/5
148780143	148740138	Flat Field			C color: 2.5Y 6/4
148780144	148740052	Mid Slope	Irregular		
148780145	148740146	Flat Field			Sample collected near the road (6m).
148780146	148740012	Re flat	Irregular		fine and medium sand
148780147	148740114	Re flat	Regular		fine and medium sand
148780148	148740106	Re flat	Regular		sample comprised of several probings with the auger to max depth collecting the top ~5cm of the AB contact each time
148780149	148740125	Re flat			clay/silt
148780150	148740043	Mid Slope	Regular	Top	Sample collected on the top of big boulders (or bedrock).
148780152	148740140	Flat Field			C color: 2.5Y 6/4
148780153	148740010	Flat Field			Only organics for a big part. Only clay in the sample.
148780154	148740137	Flat Field			
148780155	148740074	Re flat	Irregular		fine, medium and coarse sand
148780156	148740113	Re flat	Regular		stratified fine and medium sand
148780157	148740121	Re flat	Regular		clay/silt
148780158	148740009	Low slope	Regular	Top	
148780159	148740142	Flat Field			
148780160	148740029	Mid Slope	Wavy	Medium	C color: 2.5Y 5/6. Taken on the bedrock.
148780162	148740123	Re flat	Regular		clay/silt with sparse pebbles
148780163	148740030	Low slope	Regular	Low	Water is filling the hole. C color : 2.5Y 4/2. Very swampy all around.

FIELD SAMPLI			WEIGHT MEASUREMENTS					ENVIRONMENTAL PARAMETERS						
PROJECT	ANALYSIS NUMBER	FIELD NUMBER	INITIAL WEIGHT WITH BAG	SOIL FOR pH MEASURE	VOLUME OF WATER	SOIL WITH DEMINERALIZED WATER	COMMENTS	pH	pH WITH 0.5 ml HCl 1 N	CONDUCTIVITY	CONDUCTIVITY TEMPERATURE	Eh	TEMPERATURE Eh (˚C)	COMMENTS
	Nb analys:	146	(g)	(g)	(ml)	(g)				(µS/cm)	(°C)	(mV)		
Count	Count	Historic	1232	1232	1232	1232		1232	1231	1232	1232	1232	1232	
99 Percentile	99 Percentile	Historic	1538,5	20,5	10,0	30,5		7,23	5,01	348	26,3	397	26,3	
Average	Average	Historic	845,5	20,0	10,0	30,0		5,56	2,40	60	20,3	215	20,6	
Std-Dev	Std-Dev	Historic	255,0	0,2	0,0	0,2		0,68	0,87	70	3,0	84	2,9	
Coefficient var.	Coefficient var.	Historic	0,3	0,0	0,0	0,0		0,12	0,36	1	0,1	0	0,1	
Maximum	Maximum	Historic	2324,4	20,6	10,0	30,8		7,82	5,77	1269	27,8	428	26,6	
Minimum	Minimum	Historic	259,1	19,4	10,0	29,2		3,10	0,91	1	13,3	-480	14,6	
Count	Count	Project	146	146	146	146		146	146	146	146	146	146	
Average	Average	Project	827,2	20,0	10,0	30,0		5,73	2,29	121	16,0	210,19	17,7	
Mediane	Mediane	Project						5,50	2,17	42,00	20,50	210,00	20,60	
Std. Dev.	Std. Dev.	Project	199,3	0,0	0,0	0,0		0,61	0,76	95,28	0,72	86,92	0,71	
Coefficient var.	Coefficient var.	Project	0,2	0,0	0,0	0,0		0,11	0,33	0,79	0,04	0,41	0,04	
Coefficient asy.	Coefficient asy.	Project						0,26	1,30	6,63	-0,03	-0,19	0,06	
Maximum	Maximum	Project	1294,2	20,2	10,0	30,2		7,02	5,77	656	17,6	343,00	19,4	
Minimum	Minimum	Project	347,2	19,9	10,0	29,8		4,57	1,49	16	13,3	-480,00	15,4	
1487	148780002	148740119	491,2	20,0	10,0	30,0		6,30	5,30	250	16,0	88	17,6	
1487	148780003	148740037	701,8	20,0	10,0	30,0		5,01	2,31	128	16,9	163	18,5	
1487	148780004	148740057	742,4	20,0	10,0	30,0		5,11	2,08	40	15,9	235	17,4	
1487	148780005	148740067	960,1	20,0	10,0	30,0		5,27	1,75	36	15,7	301	17,5	
1487	148780006	148740100	1103,9	20,0	10,0	30,0		6,12	2,11	59	15,7	253	17,3	
1487	148780007	148740083	919,6	20,0	10,0	30,0		5,67	2,14	95	15,9	231	17,5	
1487	148780008	148740109	515,0	20,0	10,0	30,0		6,57	2,15	152	16,3	98	18,0	
1487	148780009	148740041	1204,8	20,0	10,0	30,0		6,71	2,04	73	17,4	339	19,2	
1487	148780010	148740027	793,8	20,1	10,0	30,1		5,20	2,43	53	15,8	183	17,5	
1487	148780012	148740035	990,3	20,0	10,0	30,0		5,51	1,94	220	17,0	149	18,9	
1487	148780013	148740094	817,4	20,0	10,0	30,0		5,98	1,78	86	16,2	263	17,6	
1487	148780014	148740046	1125,7	20,0	10,0	30,0		4,78	1,82	54	16,7	254	18,5	
1487	148780015	148740085	876,2	20,0	10,0	30,0		5,48	2,34	147	15,4	252	17,2	
1487	148780016	148740071	964,7	20,0	10,0	30,0		5,74	1,93	74	16,7	289	18,3	
1487	148780017	148740014	1172,5	20,0	10,0	30,0		5,59	1,53	78	15,2	241	17,1	
1487	148780018	148740103	1114,5	20,0	10,0	30,0		6,02	2,11	140	16,3	212	18,2	
1487	148780019	148740133	802,6	20,0	10,0	30,0	Repris aliquot.	6,02	2,11	72	15,9	186	17,9	
1487	148780020	148740141	880,7	20,0	10,0	30,0		6,43	1,62	44	16,5	239	18,0	
1487	148780022	148740129	1251,8	20,0	10,0	30,0	Repris aliquot.	6,23	2,11	37	16,5	170	17,8	Reprise des mesures.
1487	148780023	148740039	836,7	20,0	10,0	30,0		5,13	1,83	90	16,7	182	18,5	
1487	148780024	148740006	892,9	20,1	10,0	30,1		5,10	2,04	94	15,1	161	17,0	
1487	148780025	148740101	753,1	20,0	10,0	30,0		6,51	2,57	61	16,2	250	18,0	
1487	148780026	148740070	1020,9	20,0	10,0	30,0		4,92	1,70	109	16,2	291	18,1	
1487	148780027	148740060	773,8	20,0	10,0	30,0		5,46	1,80	67	15,4	243	17,0	
1487	148780028	148740020	926,2	20,0	10,0	30,0	Repris aliquot.	6,75	2,34	301	15,6	268	17,4	Reprise des mesures.
1487	148780029	148740089	541,0	20,0	10,0	30,0		5,54	2,67	234	15,9	234	17,6	
1487	148780030	148740111	551,0	20,0	10,0	30,0		6,19	3,19	332	16,5	136	18,0	
1487	148780032	148740032	721,3	20,0	10,0	30,0		5,30	2,69	369	17,3	-480	19,1	Repris le Eh.
1487	148780033	148740028	821,3	20,0	10,0	30,0		5,44	1,76	66	15,3	194	16,9	
1487	148780034	148740061	1049,7	20,0	10,0	30,0		4,65	1,98	152	13,3	335	15,4	
1487	148780035	148740077	913,7	20,0	10,0	30,0		5,96	1,97	60	17,1	297	18,8	
1487	148780036	148740102	1005,9	20,0	10,0	30,0		6,31	2,54	97	16,3	266	18,0	
1487	148780037	148740048	1052,7	20,0	10,0	30,0		4,79	1,78	168	16,6	259	18,1	
1487	148780038	148740019	722,2	20,0	10,0	30,0		4,89	2,22	147	15,4	280	17,3	
1487	148780039	148740092	763,0	20,0	10,0	30,0		5,94	1,95	74	16,0	244	17,6	
1487	148780040	148740082	899,1	20,0	10,0	30,0		5,83	1,73	55	16,1	215	17,2	
1487	148780042	148740075	930,9	20,0	10,0	30,0		5,60	1,74	164	17,1	308	18,9	
1487	148780043	148740110	579,2	20,0	10,0	30,0		6,47	2,39	140	16,3	114	17,9	
1487	148780044	148740128	781,1	20,0	10,0	30,0	Repris aliquot.	6,32	1,87	41	16,3	169	18,0	Reprise des mesures.
1487	148780045	148740135	1188,3	20,1	10,0	30,1	Repris aliquot.	6,28	1,88	42	16,0	178	17,8	
1487	148780046	148740097	800,2	20,0	10,0	30,0		5,77	1,62	132	16,0	264	17,3	
1487	148780047	148740076	866,6	20,0	10,0	29,9		5,96	2,07	55	17,1	286	18,9	
1487	148780048	148740064	888,2	20,0	10,0	30,0		5,15	2,12	92	14,3	337	16,6	
1487	148780049	148740033	912,3	20,0	10,0	30,0		5,27	2,49	102	17,1	106	19,0	
1487	148780050	148740003	1015,0	20,1	10,0	30,1		4,78	1,73	656	15,7	170	16,9	
1487	148780052	148740124	480,6	20,1	10,0	30,1		6,03	3,95	123	16,1	134	17,3	
1487	148780053	148740013	891,3	20,1	10,0	30,1		5,64	1,57	91	14,8	248	17,1	
1487	148780054	148740134	857,2	20,0	10,0	30,0	Repris aliquot.	6,00	2,66	88	16,2	187	17,7	
1487	148780055	148740036	758,4	20,0	10,0	30,0		5,58	1,99	66	17,0	132	18,6	
1487	148780056	148740065	998,4	20,0	10,0	30,0		4,71	2,48	176	14,8	334	16,8	
1487	148780057	148740126	766,7	20,0	10,0	30,0		6,96	2,54	86	15,7	130	17,6	
1487	148780058	148740042	1256,2	20,0	10,0	30,0		5,62	2,17	115	17,6	199	19,3	
1487	148780059	148740062	886,4	20,0	10,0	30,0		5,04	2,02	62	13,7	343	15,7	
1487	148780060	148740132	986,2	20,0	10,0	30,0	Repris aliquot.	6,20	1,57	36	16,0	185	17,3	

PROJECT NUMBER	RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	ESTANT (Nad 83)	NORDANT (Nad 83)	ZONE	NTS SHEET	CLAIM	CIBLE	READING #	XRF MODE	COMMENT	CERTIFICATE	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																	
	Nb Analysis:	146											Mg	Mg Error1s	Al	Al Error1s	Si	Si Error1s	P	P Error1s	S	S Error1s	K	K Error1s	Ca	Ca Error1s	Ti	Ti Error1s	V
													ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Compte	Historique											459	1949	1932	1949	1949	1949	1949	1949	946	1949	1882	1949	1949	1949	1931	1949	621
99 Percentile	99 Percentile	Historique											7989	31253	45817	376	306025	513	3948	36	7968	468	14740	304	31546	96	5795	105	279
Moyenne	Moyenne	Historique											4304	7673	25810	289	129625	347	2992	31	1427	187	7750	48	12905	43	2484	75	87
Écart type	Écart type	Historique											1044	6080	9782	83	59265	108	333	3	1653	161	3357	103	5920	16	1135	40	44
Coefficient va	Coeff. var.	Historique											0	1	0	0	0	0	0	0	1	1	0	2	0	0	0	1	1
Maximum	Maximum	Historique											9829	50224	53831	1069	314508	533	5371	43	14754	532	17179	3492	44507	131	16053	1537	558
Minimum	Minimum	Historique											2747	858	820	126	2915	60	1853	19	74	18	49	11	1139	11	153	31	32
Compte	Compte	Projet											5	146	146	146	146	146	146	146	55	146	146	146	146	146	146	146	32
Moyenne	Moyenne	Projet											4049	7836	32005	321	146845	383	2983	33	504	258	9781	42	11410	40	2291	78	78
Écart type	Écart type	Projet											495	1732	6216	23	19622	28	297	1	433	185	1572	4	4126	11	640	4	19
Maximum	Maximum	Projet											4636	11320	46241	368	188557	478	4003	37	1973	532	13905	53	33368	107	4793	87	142
Minimum	Minimum	Projet											3610	1028	18416	257	79977	305	2368	29	80	23	5862	30	5939	26	999	66	57
1487	148780002	148740119	576574,7	5342753,7	17	32D04	582789	134	4	Geochem(3-Beam)	Full pallet	IOS22-0003	4531	1248	23563	306	149725	478	2609	33	<LOD	320	11313	50	32322	107	2451	81	<LOD
1487	148780003	148740037	575976,7	5343199,8	17	32D04	327071	81	5	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9516	20895	300	138137	389	2771	33	<LOD	452	8056	39	9790	37	3064	79	72
1487	148780004	148740057	575979,1	5342547,6	17	32D04	103489	68	6	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8474	38856	351	144279	378	3070	34	<LOD	406	9582	40	9825	36	2710	78	<LOD
1487	148780005	148740067	575380,9	5342597,0	17	32D04	298462	6	7	Geochem(3-Beam)	Half pellet	IOS22-0003	<LOD	7900	43994	361	144273	375	3423	35	407	27	8413	38	11123	38	2775	79	<LOD
1487	148780006	148740100	575569,4	5342350,2	17	32D04	298462	22	8	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7888	34461	337	157213	393	3016	34	<LOD	383	10684	43	10660	38	2149	79	<LOD
1487	148780007	148740083	575575,2	5343047,7	17	32D04	339470	36	9	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7532	36870	339	152273	378	3089	34	<LOD	372	10751	43	12144	40	2156	78	<LOD
1487	148780008	148740109	576572,1	5343255,8	17	32D04	582785	145	10	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7539	22563	295	165045	398	2902	34	269	28	11560	45	13482	44	1352	77	<LOD
1487	148780009	148740041	576370,9	5342654,4	17	32D04	196565	112	11	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8817	34977	341	140816	374	3060	34	<LOD	439	7839	37	9894	36	1517	74	<LOD
1487	148780010	148740027	576388,1	5342856,0	17	32D04	582789	116	12	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	11320	42071	365	104003	321	3001	33	453	26	7196	35	7638	30	2096	72	62
1487	148780012	148740035	575981,4	5343304,8	17	32D04	582783	83	15	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6719	30470	310	165710	397	2924	33	<LOD	338	10527	42	13936	44	2394	78	<LOD
1487	148780013	148740094	575572,5	5342644,9	17	32D04	298462	28	16	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9997	38677	360	139620	381	3435	37	390	29	9238	42	8489	34	1513	77	<LOD
1487	148780014	148740046	576369,2	5342395,3	17	32D04	196565	107	17	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8293	24741	307	154768	402	2767	33	<LOD	414	10044	43	9164	35	2424	80	<LOD
1487	148780015	148740085	575554,3	5343143,9	17	32D04	339470	38	18	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8494	37973	346	131455	361	2879	33	295	27	9505	41	9363	35	2203	76	<LOD
1487	148780016	148740071	575971,6	5342747,1	17	32D04	327071	72	19	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8561	37522	336	150748	380	3387	35	294	26	7974	37	9444	34	1796	74	<LOD
1487	148780017	148740014	575774,0	5342905,5	17	32D04	327071	54	20	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7838	31425	316	170599	404	2947	33	<LOD	365	9615	41	11272	39	1601	77	<LOD
1487	148780018	148740103	576370,5	5343187,5	17	32D04	582789	123	21	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	11255	40614	365	118560	349	2944	34	<LOD	532	8602	40	8592	34	1067	73	<LOD
1487	148780019	148740133	575374,5	5342450,1	17	32D04	298462	3	22	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8648	37160	335	152636	381	3578	36	154	26	10141	42	7321	30	1633	77	<LOD
1487	148780020	148740141	575374,2	5342998,7	17	32D04	339470	14	23	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6874	35034	320	154806	380	3043	32	<LOD	376	9963	40	10513	36	3197	80	95
1487	148780022	148740129	575771,4	5342547,5	17	32D04	103489	47	25	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8837	41266	359	126623	362	3222	35	339	26	8464	39	9569	36	2308	78	<LOD
1487	148780023	148740039	575973,6	5343093,0	17	32D04	327071	79	26	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8103	33782	323	162136	392	3251	34	<LOD	384	10394	42	9816	36	1711	76	<LOD
1487	148780024	148740006	576169,3	5343046,4	17	32D04	582789	99	27	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6523	30237	308	163996	395	2907	32	<LOD	340	12158	46	12796	42	2661	81	<LOD
1487	148780025	148740101	575379,9	5343250,2	17	32D04	303002	19	28	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8468	33590	325	146818	378	3245	34	<LOD	393	10278	42	11272	39	2148	78	<LOD
1487	148780026	148740070	575375,3	5342742,5	17	32D04	339470	9	29	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6726	33239	315	175286	402	3426	35	<LOD	375	9703	41	8514	32	999	73	<LOD
1487	148780027	148740060	575975,5	5342699,1	17	32D04	103489	71	30	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8967	37290	345	155737	398	3173	35	140	28	9262	41	10214	38	1096	75	<LOD
1487	148780028	148740020	575773,4	5343204,2	17	32D04	582783	60	31	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7824	26070	298	138208	368	3075	33	<LOD	428	10256	42	8553	33	2875	76	66
1487	148780029	148740089	575585,1	5343355,3	17	32D04	303002	42	32	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6908	22088	287	167644	408	2800	33	368	28	10944	45	17359	53	1793	80	<LOD
1487	148780030	148740111	576571,9	5343145,3	17	32D04	582789	143	33	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6669	24045	288	171852	406	2905	33	<LOD	364	11019	44	13968	45	1812	79	<LOD
1487	148780032	148740032	575775,0	5343301,4	17	32D04	582783	62	35	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	5999	27929	298	176295	411	2947	33	<LOD	314	12911	48	15532	49	2586	82	<LOD
1487	148780033	148740028	576372,0	5342801,3	17	32D04	582789	115	36	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8773	33156	321	156392	387	3272	34	<LOD	409	8803	39	8446	32	1125	74	<LOD
1487	148780034	148740061	576179,9	5342551,4	17	32D04	196565	89	37	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7971	42531	351	135490	364	3531	35	717	28	7970	37	10248	37	2161	76	<LOD
1487	148780035	148740077	575772,3	5342589,4	17	32D04	103489	48	38	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7812	45570	356	127768	353	3308	34	592	27	8002	37	10742	37	2860	78	71
1487	148780036	148740102	576376,7	5343140,8	17	32D04	582789	102	39	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9653	41850	357	111351	331	3099	33	<LOD	520	6412	34	9026	34	1495	72	<LOD
1487	148780037	148740048	576174,0	5342407,0	17	32D04	196565	86	40	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7671	38446	339	142006	370	3193	34	487	27	9605	41	9820	36	1953	77	<LOD
1487	148780038	148740019	575773,6	5343145,0	17	32D04	327071	59	41	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8278	29816	323	146380	390	2696	33	342	28	10082	43	9866	37	2541	82	72
1487	148780039	148740092	575571,5	5342746,4	17	32D04	339470	30	42	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8785	34633	326	146303	377	4003	37	127	26	9152	40	9135	34	2113	77	<LOD
1487	148780040	148740082	575579,1	5343003,9	17	32D04	339470	35	43	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7111	29448	313	160265	403	2663	32	<LOD	368	10718	44	14409	47	2514	81	<LOD
1487	148780042	148740075	575773,0	5342692,7	17	32D04	103489	50	45	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8927	37005	334	151731	384	3722	37	275	27	7725	37	9383	35	1650	77	<LOD
1487	148780043	148740110	576575,1	5343196,9	17	32D04	582790	144	46	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6528	24899	290	168487	397	2712	32	<LOD	348	12536	47	13994	45	1683	78	<LOD
1487	148780044	148740128	575772,1	5342497,2	17	32D04	103489	46	47	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9472	42548	349	119332	340	3306	33	284	25	7836	36	9874	35	2868	75	86
1487	148780045	148740135	575371,2	5342552,0	17	32D04	298462	5	48	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7188	39810	337	158627	386	3372	35	<LOD	398	8789	39	9265	34	1308	74	<LOD
1487	148780046	148740097	575576,2	5342496,2	17	32D04	298462	25	49	Geochem(3-Beam)	Full pallet	IOS22-0003	3655	1141	35225	337	138901	442	3300	35	<LOD	422	8858	43	9179	38	2342	77	<LOD
1487	148780047	148740076	575776,7	5342651,5	17	32D04	103489	49	50	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7957	42635	352	135983	364	3404	35	453	27	8565	38	9228	34	1989	77	<LOD
1487	148780048	148740064	576173,5	5342697,2	17	32D04	196565	92	51	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9921	34516	320	117908	334	2841	31	<LOD	475	7543	35	7588	30	3086	75	<LOD
1487	148780049	148740033	575776,2	5343347,8	17	32D04	582783	63	52	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8300	35881	328	126809	348	2669	30	<LOD	459	8852	38	7850	31	2732	74	79
1487	148780050	148740003	576171,0	5342900,4	17	32D04	582789	96	53	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7529	25174	302	159417	404	2571	32	<LOD	391	10696	45	12077	42	2376	83	<LOD
1487	148780052	148740124	576575,5	5342498,8	17	32D04	196565	130	55	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7009	26827	312	162081	412	2569	33	<LOD	352	13905	52	16872	54	2693	83	<LOD
1487	148780053	148740013	575774,3	5342834,3	17	32D04	327071	53	56	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	10219	20299	269	98005	314	2721	29	427	23	5922	30	5939	26	2916	66	57
1487	148780054	148740134	575375,8	5342495,5	17	32D04	298462	4	57	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9887	45543	365	127263	355	3254	34	1025	28	8601	39	8678	33	1623	74	<LOD
1487	148780055	148740036	575980,5	5343242,1	17	32D04	582783	82	58	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6996	31972	317	155376	392	2846	32	<LOD	368	10632	43	13163	43	2550	79	<LOD
1487	148780056	148740065	576161,6	5342744,2	17	32D04	582789	93	59	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9654	36615	348	121135	356	2928	34	426	27	7260	37	8519	34	2240	77	75
1487	148780057	148740126	576570,4	5342397,8	17	32D04	196565	128	60	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8414	33850	323	118903	340	2834	31	<LOD	470	7854	36	10584	37	2554	72	<LOD
1487	148780058	148740042	576370,2	5342596,2	17	32D04	196565	111	61	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6092	26985	290	172032	396	2897	32	<LOD	323	11640	44	13881	44	2344	80	<LOD
1487	148780059	148740062	576170,6	5342596,4	17	32D04	196565	90	62	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7271	36131	326	145353	371	3362	34	99	25	9079	39	11137	38	2675	79	<LOD
1487	148780060	148740132	575373,7	5342397,1	17	32D04	298462	2	63	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7283	35446	328	165153	396	3299	35	<LOD	384	8853	39	9580	35	1003	74	<LOD
1487	148780062	148740050	576173,9	5342501,0	17	32D04	196565	88	65	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9629	39921	344	131826	357	3153	33	444	26	8611	38	9170	34	1633	74	<LOD
1487	148780063	148740068	575381,7	5342648,1	17	32D04	298462	7	66	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8269	29863	325	144924	390	3039	34	<LOD	445	10441	44	10211	38	2105	79	<LOD
1487	148780064	148740017	575772,9	5343060,2	17	32D04	327071	57	67	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7858	34537	328	143840	376	2993	33	962	29	8713	39	10017	36	2101	77	<LOD

RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																																				
		V	Cr	Cr	Mn	Mn	Fe	Fe	Co	Co	Ni	Ni	Cu	Cu	Zn	Zn	As	As	Se	Se	Rb	Rb	Sr	Sr	Y	Y	Zr	Zr	Nb	Nb	Mo	Mo	Ag					
Nb Analysis:	146	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s						
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm						
Compte	Historique	1949	1063	1949	1944	1949	1949	1949	652	1949	1437	1949	1734	1949	1941	1949	390	1949	28	1949	1926	1949	1897	1949	1843	1949	1929	1949	321	1949	684	1949	24						
99 Percentile	Historique	105	202	48	762	14	58605	188	197	104	124	9	359	10	235	3	17	4	4	3	90	2	430	3	25	4	325	3	8	5	13	7	4						
Moyenne	Historique	63	63	23	253	20	19373	65	68	43	30	4	30	3	40	2	4	3	2	2	38	1	277	2	8	1	148	1	4	4	5	4	3						
Écart type	Historique	32	54	15	213	225	12565	36	33	27	23	2	87	2	33	1	9	1	1	0	19	0	110	1	5	1	66	0	3	1	3	2	1						
Coeff. var.	Historique	1	1	1	1	11	1	1	0	1	1	1	3	1	1	0	2	0	0	0	1	0	0	0	1	1	0	0	1	0	1	1	0						
Maximum	Historique	109	1377	58	4597	6409	150168	484	231	139	399	10	1829	10	274	6	163	6	4	3	109	3	1819	6	83	5	481	6	51	5	37	7	4						
Minimum	Historique	8	22	7	17	4	695	8	15	5	5	1	5	1	4	1	2	0	1	0	1	0	1	0	2	0	2	1	2	1	2	1	2						
Compte	Projet	146	101	146	146	146	146	146	14	146	146	146	110	146	146	146	28	146	0	146	146	146	146	146	145	146	146	146	8	146	45	146	0						
Moyenne	Projet	77	52	21	227	10	17734	62	47	59	21	2	11	4	26	2	3	3	#DIV/0!	2	49	1	299	2	6	1	135	1	4	5	4	5	#DIV/0!						
Écart type	Projet	30	23	16	115	1	6862	18	9	18	8	0	5	3	8	0	1	1	#DIV/0!	0	4	0	21	0	3	0	57	0	1	1	1	2	#DIV/0!						
Maximum	Projet	102	210	50	1304	17	59016	163	63	114	52	3	36	10	50	2	5	4	0	3	58	1	345	2	15	4	300	2	4	5	8	7	0						
Minimum	Projet	17	30	9	92	8	7914	35	33	11	8	2	6	2	14	1	2	1	0	2	40	1	221	1	2	1	41	1	3	1	3	1	0						
148780002	148740119	96	71	11	366	12	19141	75	43	13	30	2	20	2	37	2	<LOD	4	<LOD	2	49	1	297	2	13	1	207	1	<LOD	5	<LOD	6	<LOD						
148780003	148740037	20	39	10	220	10	32029	99	<LOD	90	12	2	12	2	26	2	3	1	<LOD	2	46	1	277	2	6	1	165	1	<LOD	5	5	1	<LOD						
148780004	148740057	95	43	10	201	10	20126	66	<LOD	68	34	2	7	2	32	2	<LOD	4	<LOD	2	45	1	282	1	9	1	215	1	<LOD	4	3	1	<LOD						
148780005	148740067	94	66	10	265	10	20484	66	<LOD	68	27	2	9	2	38	2	<LOD	4	<LOD	2	44	1	301	2	6	1	107	1	<LOD	4	<LOD	6	<LOD						
148780006	148740100	91	34	10	177	10	14831	53	<LOD	59	20	2	<LOD	9	24	2	2	1	<LOD	2	50	1	306	2	7	1	117	1	<LOD	5	<LOD	6	<LOD						
148780007	148740083	88	<LOD	44	177	9	10414	42	<LOD	49	16	2	<LOD	9	19	1	<LOD	4	<LOD	2	50	1	307	1	6	1	135	1	<LOD	4	3	1	<LOD						
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148780009	148740041	86	<LOD	44	129	9	12921	49	<LOD	55	23	2	10	2	22	1	<LOD	4	<LOD	2	44	1	288	1	6	1	62	1	<LOD	5	<LOD	6	<LOD						
148780010	148740027	19	30	10	164	9	19252	64	<LOD	66	17	2	12	2	22	1	<LOD	4	<LOD	2	45	1	267	1	5	1	130	1	<LOD	4	<LOD	6	<LOD						
148780012	148740035	90	<LOD	46	261	10	17108	58	48	12	28	2	7	2	22	2	<LOD	4	<LOD	2	46	1	327	2	8	1	160	1	<LOD	4	<LOD	6	<LOD						
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148780014	148740046	97	32	10	349	11	19897	68	<LOD	70	15	2	6	2	27	2	2	1	<LOD	2	50	1	294	2	5	1	102	1	<LOD	5	<LOD	6	<LOD						
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148780016	148740071	86	<LOD	44	111	9	13311	49	<LOD	54	12	2	12	2	20	1	<LOD	4	<LOD	2	48	1	298	1	3	1	69	1	<LOD	4	<LOD	6	<LOD						
148780017	148740014	88	<LOD	45	190	10	11968	46	<LOD	53	17	2	<LOD	9	18	1	<LOD	4	<LOD	2	50	1	324	2	4	1	46	1	<LOD	5	<LOD	6	<LOD						
148780018	148740103	86	<LOD	46	132	9	12935	50	<LOD	55	17	2	<LOD	9	17	1	<LOD	4	<LOD	2	51	1	300	2	3	1	56	1	<LOD	5	<LOD	6	<LOD						
148780019	148740133	88	<LOD	43	119	9	12376	47	<LOD	52	13	2	10	2	21	1	<LOD	4	<LOD	2	52	1	283	1	2	1	57	1	<LOD	4	<LOD	6	<LOD						
148780020	148740141	21	56	10	222	10	17659	59	<LOD	62	18	2	<LOD	9	25	2	<LOD	4	<LOD	2	48	1	286	1	7	1	173	1	<LOD	4	<LOD	6	<LOD						
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148780024	148740006	96	43	10	258	10	18479	62	<LOD	66	24	2	8	2	34	2	2	1	<LOD	2	57	1	303	2	6	1	190	1	<LOD	5	4	1	<LOD						
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RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																																		
		Ag Error1s	Cd	Cd Error1s	Sn	Sn Error1s	Sb	Sb Error1s	Ba	Ba Error1s	La	La Error1s	Ce	Ce Error1s	Pr	Pr Error1s	Nd	Nd Error1s	W	W Error1s	Hg	Hg Error1s	Pb	Pb Error1s	Bi	Bi Error1s	Th	Th Error1s	U	U Error1s	LE	LE Error1s
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99 Percentile	Historique	117	20	23	27	32	33	44	422	850	109	2312	131	2513	155	3427	221	4953	21	13	5	9	42	4	#NOMBRE!	35	58	6	18	8	968027	1156
Moyenne	Historique	74	15	19	19	25	25	37	241	39	60	1391	71	1434	91	2493	144	3558	11	11	5	8	12	1	#DIV/0!	32	19	2	6	3	796652	530
Écart type	Historique	15	2	4	2	7	4	7	104	158	26	772	38	898	22	813	35	1270	3	2	1	1	9	1	#DIV/0!	3	10	1	4	3	68333	246
Coeff. var.	Historique	0	0	0	0	0	0	0	0	4	0	1	1	1	0	0	0	0	0	0	0	0	1	1	#DIV/0!	0	1	0	1	1	0	0
Maximum	Historique	173	23	24	28	33	33	46	568	1725	511	3123	833	3316	182	4442	261	6117	23	14	5	9	203	4	0	38	83	12	66	10	979470	1571
Minimum	Historique	1	12	4	16	5	17	6	12	4	28	8	31	9	41	12	54	15	7	2	4	1	2	0	0	17	6	1	2	1	679637	146
Compte	Projet	146	6	146	17	146	5	146	146	146	21	146	22	146	11	146	12	146	0	146	0	146	146	146	0	146	146	146	80	146	146	146
Moyenne	Projet	66	14	22	19	28	27	41	293	10	59	1478	65	1619	93	2452	161	3556	#DIV/0!	12	#DIV/0!	8	12	1	#DIV/0!	33	16	2	4	4	775426	474
Écart type	Projet	3	1	4	2	8	2	7	29	0	7	603	7	678	9	698	28	1061	#DIV/0!	1	#DIV/0!	1	2	0	#DIV/0!	1	4	0	1	3	16595	104
Maximum	Projet	80	16	24	23	33	31	46	361	11	77	1924	83	2086	111	2923	215	4294	0	13	0	9	26	1	0	36	25	2	6	8	828138	1097
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148780058	148740042	63	<LOD	22	<LOD	30	<LOD	42	331	10	<LOD	1618	<LOD	1784	<LOD	2477	<LOD	3622	<LOD	12	<LOD	8	11	1	<LOD	33	15	2	<LOD	7	755329	448
148780059	148740062	63	<LOD	22	<LOD	30	<LOD	42	288	10	<LOD	1673	<LOD	1845	<LOD	2574	<LOD	3771	<LOD	12	<LOD	8	11	1	<LOD	32	11	2	5	1	773679	447
148780060	148740132	63	<LOD	23	<LOD	31	<LOD	43	293	10	65	17	<LOD	1842	<LOD	2568	<LOD	3749	<LOD	12	<LOD	8	9	1	<LOD	33	12	2	<LOD	7	766374	464
148780062	148740050	64	13	4	<LOD	30	<LOD	42	274	10	<LOD	1685	<LOD	1859	<LOD	2598	<LOD	3811	<LOD	12	<LOD	8	12	1	<LOD	33	15	2	<LOD	7	788683	450
148780063	148740068	68	<LOD	23	21	6	<LOD	44	299	10	<LOD	1758	<LOD	1941	<LOD	2706	<LOD	3958	<LOD	13	<LOD	9	14	1	<LOD	35	17	2	6	1	782424	463
148780064	148740017	65	<LOD	22	<LOD	30	<LOD	42	292	10	<LOD	1694	83	19	<LOD	2611	<LOD	3845	<LOD	11	<LOD	8	10	1	<LOD	33	14	2	4	1	780500	453

PROJECT NUMBER	RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	ESTANT (Nad 83)	NORDANT (Nad 83)	ZONE	NTS SHEET	CLAIM	CIBLE	READING #	XRF MODE	COMMENT	CERTIFICATE	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																	
	Nb Analysis:	146											Mg	Mg Error1s	Al	Al Error1s	Si	Si Error1s	P	P Error1s	S	S Error1s	K	K Error1s	Ca	Ca Error1s	Ti	Ti Error1s	V
													ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Compte	Historique											459	1949	1932	1949	1949	1949	1949	1949	946	1949	1882	1949	1949	1949	1931	1949	621
99 Percentile	99 Percentile	Historique											7989	31253	45817	376	306025	513	3948	36	7968	468	14740	304	31546	96	5795	105	279
Moyenne	Moyenne	Historique											4304	7673	25810	289	129625	347	2992	31	1427	187	7750	48	12905	43	2484	75	87
Écart type	Écart type	Historique											1044	6080	9782	83	59265	108	333	3	1653	161	3357	103	5920	16	1135	40	44
Coefficient va	Coeff. var.	Historique											0	1	0	0	0	0	0	0	1	1	0	2	0	0	0	1	1
Maximum	Maximum	Historique											9829	50224	53831	1069	314508	533	5371	43	14754	532	17179	3492	44507	131	16053	1537	558
Minimum	Minimum	Historique											2747	858	820	126	2915	60	1853	19	74	18	49	11	1139	11	153	31	32
Compte	Compte	Projet											5	146	146	146	146	146	146	146	55	146	146	146	146	146	146	146	32
Moyenne	Moyenne	Projet											4049	7836	32005	321	146845	383	2983	33	504	258	9781	42	11410	40	2291	78	78
Écart type	Écart type	Projet											495	1732	6216	23	19622	28	297	1	433	185	1572	4	4126	11	640	4	19
Maximum	Maximum	Projet											4636	11320	46241	368	188557	478	4003	37	1973	532	13905	53	33368	107	4793	87	142
Minimum	Minimum	Projet											3610	1028	18416	257	79977	305	2368	29	80	23	5862	30	5939	26	999	66	57
1487	148780065	148740084	575571,7	5343101,1	17	32D04	339470	37	68	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9905	31372	333	114733	347	2464	31	418	27	8335	39	9114	35	1934	75	63
1487	148780066	148740107	576572,2	5343350,6	17	32D04	582785	147	69	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6312	24450	284	180890	406	2751	32	284	27	10766	43	12199	40	1115	74	<LOD
1487	148780067	148740086	575574,3	5343199,3	17	32D04	303002	39	70	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7385	28550	303	143135	375	2943	32	<LOD	412	9074	39	10938	38	3901	83	<LOD
1487	148780068	148740044	576371,1	5342498,2	17	32D04	196565	109	71	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7646	31522	310	137117	361	3338	33	<LOD	412	8558	38	8962	33	2951	78	<LOD
1487	148780069	148740127	576585,2	5342354,4	17	32D04	251791	127	72	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7056	27836	306	161309	405	2525	32	<LOD	358	10996	45	13812	46	2737	81	<LOD
1487	148780070	148740053	575976,9	5342353,3	17	32D04	103489	64	73	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7838	29676	319	144067	383	2894	33	<LOD	408	10635	44	12564	43	2384	80	<LOD
1487	148780072	148740034	575988,2	5343345,9	17	32D04	582783	84	4	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8599	29090	325	148717	388	2962	34	<LOD	393	9880	42	10123	37	2732	79	68
1487	148780073	148740018	575773,1	5343110,5	17	32D04	327071	58	5	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8872	30698	330	142539	381	2898	33	115	26	9015	40	8477	33	2552	77	<LOD
1487	148780074	148740098	575576,0	5342449,3	17	32D04	298462	24	6	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8069	35325	335	156251	390	2988	33	<LOD	387	9867	41	10472	37	2258	77	<LOD
1487	148780075	148740008	576177,6	5343157,6	17	32D04	582789	101	7	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9026	37465	347	134460	367	3351	35	<LOD	430	9224	40	10538	37	2695	79	68
1487	148780076	148740118	576574,1	5342804,4	17	32D04	582789	136	8	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6504	27368	303	173187	411	2838	33	<LOD	304	12034	46	16584	51	2454	81	<LOD
1487	148780077	148740040	575979,7	5343045,2	17	32D04	327071	78	9	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8237	33092	328	157250	392	2988	34	<LOD	388	8998	39	11340	39	1599	76	<LOD
1487	148780078	148740007	576176,0	5343094,4	17	32D04	582789	100	12	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8305	23189	302	173329	421	2933	35	<LOD	366	12324	49	10312	38	2531	85	<LOD
1487	148780079	148740147	575775,9	5342453,0	17	32D04	103489	45	13	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8997	31947	341	147608	400	2870	35	152	28	9574	43	9372	37	2130	82	<LOD
1487	148780080	148740004	576184,4	5342956,4	17	32D04	582789	97	14	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9690	30947	326	98717	321	2624	31	297	24	6975	35	10145	37	3843	77	68
1487	148780082	148740095	575571,1	5342597,7	17	32D04	298462	27	16	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8929	37821	356	135479	381	3246	36	848	29	8979	41	10971	40	2232	81	<LOD
1487	148780083	148740055	575976,4	5342446,6	17	32D04	103489	DB-CGP	17	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7808	32179	328	154656	398	2828	33	82	27	10743	44	10128	37	3180	85	<LOD
1487	148780084	148740079	575571,2	5342849,5	17	32D04	339470	32	18	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7776	32725	331	154993	400	2958	34	<LOD	405	10735	45	11750	41	2030	81	<LOD
1487	148780085	148740143	575380,4	5342899,9	17	32D04	339470	12	19	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9731	30972	330	144095	395	2687	33	<LOD	452	9436	42	9150	36	3395	84	77
1487	148780086	148740136	575375,9	5343363,0	17	32D04	303002	21	20	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7091	21666	293	173012	421	2598	34	<LOD	364	11220	46	18715	57	1424	81	<LOD
1487	148780087	148740038	575981,6	5343151,0	17	32D04	327071	80	21	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7717	29344	314	147080	388	2788	32	<LOD	416	10502	44	9797	37	3312	82	<LOD
1487	148780088	148740096	575572,6	5342550,9	17	32D04	298462	26	22	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9200	37222	342	144321	380	2954	34	<LOD	433	9793	42	10709	38	1723	78	<LOD
1487	148780089	148740120	576580,1	5342699,1	17	32D04	251791	134	23	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6276	23590	292	161536	402	2485	32	<LOD	327	12073	47	28566	79	2245	84	<LOD
1487	148780090	148740051	575973,0	5343003,8	17	32D04	327071	77	24	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	10308	29868	322	140806	381	2855	34	<LOD	471	7548	37	9719	36	2021	78	<LOD
1487	148780092	148740073	575977,4	5342844,5	17	32D04	327071	74	26	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9904	33001	332	134550	372	2816	33	476	27	9281	41	9864	37	2221	78	<LOD
1487	148780093	148740026	576408,2	5342911,0	17	32D04	582789	117	27	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	11283	39865	365	119460	359	2563	32	204	28	8157	40	9379	37	1998	78	77
1487	148780094	148740105	576372,7	5343301,0	17	32D04	582784	125	28	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7397	22945	294	156951	401	2477	32	<LOD	396	11251	46	15580	50	2571	85	<LOD
1487	148780095	148740088	575575,8	5343294,3	17	32D04	303002	41	29	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9158	26667	310	160075	408	2603	33	<LOD	403	10887	45	9326	36	2585	84	<LOD
1487	148780096	148740005	576176,6	5343002,8	17	32D04	582789	98	30	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8577	22988	289	129044	369	2631	31	<LOD	473	8886	40	9399	36	2648	74	62
1487	148780097	148740080	575570,0	5342889,8	17	32D04	339470	33	31	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	10437	32400	337	142280	389	3242	36	<LOD	470	10154	45	9748	38	1616	78	<LOD
1487	148780098	148740072	575971,6	5342799,2	17	32D04	327071	73	32	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7387	31041	319	165105	409	3079	35	<LOD	399	9275	42	11137	40	1351	77	<LOD
1487	148780099	148740054	575976,2	5342397,6	17	32D04	103489	65	33	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8351	36992	342	138780	377	3213	35	324	28	9172	41	8849	35	2588	81	<LOD
1487	148780100	148740087	575571,5	5343256,5	17	32D04	303002	40	34	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8958	20594	283	127098	363	2833	32	<LOD	498	8653	39	7210	30	4793	86	142
1487	148780102	148740117	576567,4	5342837,0	17	32D04	582789	137	36	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6584	27071	296	174241	411	2450	31	<LOD	343	10377	43	11430	40	3160	85	<LOD
1487	148780103	148740016	575771,0	5342999,3	17	32D04	327071	56	37	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9328	33845	341	122187	362	2614	32	774	29	9032	41	9184	36	2581	79	<LOD
1487	148780104	148740025	576377,4	5342945,4	17	32D04	582789	118	38	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6391	27209	298	169392	407	2672	32	<LOD	347	11566	46	15064	48	2673	83	<LOD
1487	148780105	148740145	575770,5	5342349,1	17	32D04	103489	43	39	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8221	41338	348	125046	353	3069	33	200	26	8431	38	8922	34	2676	78	66
1487	148780106	148740090	575376,4	5343302,6	17	32D04	303002	20	40	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8156	29941	327	153251	405	2638	34	<LOD	434	10000	44	11668	42	1901	82	<LOD
1487	148780107	148740144	575372,7	5342848,5	17	32D04	339470	11	41	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8139	29879	315	144271	386	3175	34	<LOD	446	8299	39	8639	34	3394	83	<LOD
1487	148780108	148740024	576368,0	5342998,8	17	32D04	582789	119	42	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7980	25672	299	170220	417	2580	32	<LOD	352	12148	48	14922	49	2660	84	74
1487	148780109	148740091	575375,0	5342803,5	17	32D04	339470	10	43	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9103	36056	336	150310	389	3511	36	321	27	10178	43	9859	37	1504	78	<LOD
1487	148780110	148740069	575374,8	5342696,6	17	32D04	298462	8	44	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7660	29508	316	159671	402	3229	35	<LOD	415	10647	45	10601	39	1422	79	<LOD
1487	148780112	148740031	575779,4	5343256,1	17	32D04	582783	61	46	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7066	27363	308	161460	402	3088	34	<LOD	377	13017	50	11329	41	2786	86	78
1487	148780113	148740122	576578,2	5342598,4	17	32D04	196565	132	47	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6603	25446	295	170205	411	2694	32	<LOD	353	11764	47	13246	44	3147	87	71
1487	148780114	148740059	575976,5	5342640,7	17	32D04	103489	70	48	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8132	34464	339	145509	398	3071	35	<LOD	428	8731	41	11541	42	2458	84	<LOD
1487	148780115	148740112	576579,6	5343093,4	17	32D04	582790	142	49	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7260	23466	293	149935	393	2672	33	216	27	9857	43	18116	56	2689	85	<LOD
1487	148780116	148740081	575580,0	5342958,8	17	32D04	339470	34	50	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	10916	34513	338	128688	365	2746	33	<LOD	500	8799	40	8436	34	2002	77	66
1487	148780117	148740001	576370,7	5342351,5	17	32D04	196565	106	51	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7786	31228	320	150360	389	2963	34	<LOD	421	10044	43	9981	37	1808	78	<LOD
1487	148780118	148740058	575979,2	5342594,0	17	32D04	103489	69	52	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9087	31518	337	141410	393	2568	33	<LOD	489	9005	42	8813	36	1887	80	<LOD
1487	148780119	148740115	576576,3	5342959,9	17	32D04	582790	139	53	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7290	24985	305	152965	405	2508	32	<LOD	390	12724	50	15990	53	2611	83	82
1487	148780120	148740022	576367,5	5343100,3	17	32D04	582789	121	54	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8688	36443	335	121235	350	2819	32	894	28	8454	39	8220	33	2562	77	<LOD
1487	148780122	148740056	575978,1	5342499,4	17	32D04	103489	67	57	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7134	30139	302	186276	413	2932	33	<LOD	332	10943	43	9931	36	2619	82	<LOD
1487	148780123	148740002	576176,9	5342841,5	17	32D04	582789	95	58	Geochem(3-Beam)	Full pallet	IOS22-0003	4636	1203	34076	339	79977	320	3171	33	431	24	5862	33	6721	31	1848	66	57
1487	148780124	148740108	576574,8	5343299,3	17	32D04	582785	146	59	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6523	24901	289	173500	405	2884	33	<LOD	361	10937	44	14669	46	1857	78	<LOD
1487	148780125	148740011	575770,5	5342742,5	17	32D04	327071	51	60	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8337	37352	346	139553	379	3180	35	493	28	9688	42	9634	36	2497	80	<LOD
1487	148780126	148740047	576177,7	5342332,8	17	32D04	196565	85	61	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7160	35290	320	138375	368	3074	32	<LOD	396	9061	39	10903	38	4111	82	113
1487	148780127	148740104	576372,5	5343244,4	17	32D04	582784	124	62	Geochem(3-Beam)	Full pallet	IOS22-0003	3610	1058	26344	294	154586	453	2945	33	203	26	10412	45	14313	51	1985	76	<LOD

RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																																			
		V Error1s	Cr	Cr Error1s	Mn	Mn Error1s	Fe	Fe Error1s	Co	Co Error1s	Ni	Ni Error1s	Cu	Cu Error1s	Zn	Zn Error1s	As	As Error1s	Se	Se Error1s	Rb	Rb Error1s	Sr	Sr Error1s	Y	Y Error1s	Zr	Zr Error1s	Nb	Nb Error1s	Mo	Mo Error1s	Ag					
Nb Analysis:	146	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm					
Compte	Historique	1949	1063	1949	1944	1949	1949	1949	652	1949	1437	1949	1734	1949	1941	1949	390	1949	28	1949	1926	1949	1897	1949	1843	1949	1929	1949	321	1949	684	1949	24					
99 Percentile	Historique	105	202	48	762	14	58605	188	197	104	124	9	359	10	235	3	17	4	4	3	90	2	430	3	25	4	325	3	8	5	13	7	4					
Moyenne	Historique	63	63	23	253	20	19373	65	68	43	30	4	30	3	40	2	4	3	2	2	38	1	277	2	8	1	148	1	4	4	5	4	3					
Écart type	Historique	32	54	15	213	225	12565	36	33	27	23	2	87	2	33	1	9	1	1	0	19	0	110	1	5	1	66	0	3	1	3	2	1					
Coeff. var.	Historique	1	1	1	1	11	1	1	0	1	1	1	3	1	1	0	2	0	0	0	1	0	0	0	1	1	0	0	1	0	1	1	0					
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RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																																	
		Ag Error1s	Cd	Cd Error1s	Sn	Sn Error1s	Sb	Sb Error1s	Ba	Ba Error1s	La	La Error1s	Ce	Ce Error1s	Pr	Pr Error1s	Nd	Nd Error1s	W	W Error1s	Hg	Hg Error1s	Pb	Pb Error1s	Bi	Bi Error1s	Th	Th Error1s	U	U Error1s	LE	LE Error1s
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99 Percentile	Historique	117	20	23	27	32	33	44	422	850	109	2312	131	2513	155	3427	221	4953	21	13	5	9	42	4	#NOMBRE!	35	58	6	18	8	968027	1156
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Coeff. var.	Historique	0	0	0	0	0	0	0	0	4	0	1	1	1	0	0	0	0	0	0	0	0	1	1	#DIV/0!	0	1	0	1	1	0	0
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PROJECT NUMBER	RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	ESTANT (Nad 83)	NORDANT (Nad 83)	ZONE	NTS SHEET	CLAIM	CIBLE	READING #	XRF MODE	COMMENT	CERTIFICATE	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																	
													Mg	Mg Error1s	Al	Al Error1s	Si	Si Error1s	P	P Error1s	S	S Error1s	K	K Error1s	Ca	Ca Error1s	Ti	Ti Error1s	V
	Nb Analysis:	146											ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Compte	Historique											459	1949	1932	1949	1949	1949	1949	1949	946	1949	1882	1949	1949	1949	1931	1949	621
99 Percentile	99 Percentile	Historique											7989	31253	45817	376	306025	513	3948	36	7968	468	14740	304	31546	96	5795	105	279
Moyenne	Moyenne	Historique											4304	7673	25810	289	129625	347	2992	31	1427	187	7750	48	12905	43	2484	75	87
Écart type	Écart type	Historique											1044	6080	9782	83	59265	108	333	3	1653	161	3357	103	5920	16	1135	40	44
Coefficient va	Coeff. var.	Historique											0	1	0	0	0	0	0	0	1	1	0	2	0	0	0	1	1
Maximum	Maximum	Historique											9829	50224	53831	1069	314508	533	5371	43	14754	532	17179	3492	44507	131	16053	1537	558
Minimum	Minimum	Historique											2747	858	820	126	2915	60	1853	19	74	18	49	11	1139	11	153	31	32
Compte	Compte	Projet											5	146	146	146	146	146	146	146	55	146	146	146	146	146	146	146	32
Moyenne	Moyenne	Projet											4049	7836	32005	321	146845	383	2983	33	504	258	9781	42	11410	40	2291	78	78
Écart type	Écart type	Projet											495	1732	6216	23	19622	28	297	1	433	185	1572	4	4126	11	640	4	19
Maximum	Maximum	Projet											4636	11320	46241	368	188557	478	4003	37	1973	532	13905	53	33368	107	4793	87	142
Minimum	Minimum	Projet											3610	1028	18416	257	79977	305	2368	29	80	23	5862	30	5939	26	999	66	57
1487	148780128	148740066	576174,3	5342815,6	17	32D04	582789	94	63	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7950	31943	324	149717	389	2979	34	<LOD	421	10041	43	9383	36	1904	78	<LOD
1487	148780129	148740093	575571,1	5342698,4	17	32D04	298462	29	64	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6672	33605	317	158686	388	3278	34	80	25	11518	45	11465	39	2227	76	<LOD
1487	148780130	148740078	575575,6	5342802,4	17	32D04	339470	31	65	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8109	32109	315	159316	391	3276	34	<LOD	381	11495	45	11248	39	2167	80	<LOD
1487	148780132	148740099	575572,2	5342398,6	17	32D04	298462	23	67	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8389	31020	312	158238	392	3067	33	<LOD	396	10383	43	10356	37	2309	79	<LOD
1487	148780133	148740045	576369,2	5342447,1	17	32D04	196565	108	68	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8603	29513	306	150738	381	3376	34	<LOD	404	10378	42	9469	35	2503	77	<LOD
1487	148780134	148740139	575366,0	5343100,9	17	32D04	339470	16	69	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7412	31020	316	152245	393	3313	35	<LOD	404	9080	41	10100	37	3130	83	<LOD
1487	148780135	148740015	575772,5	5342947,1	17	32D04	327071	55	70	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7778	24436	285	168321	401	2749	32	<LOD	360	11259	44	10304	37	2670	80	75
1487	148780136	148740131	575368,7	5342352,2	17	32D04	298462	1	71	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7637	42817	342	123483	342	3197	32	1115	27	8232	37	8736	32	3044	76	<LOD
1487	148780137	148740023	576377,2	5343051,4	17	32D04	582789	120	72	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8892	40742	350	116721	339	3286	34	1310	29	8597	39	7831	31	2008	75	<LOD
1487	148780138	148740116	576574,9	5342901,6	17	32D04	582789	138	73	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	5994	27181	292	174937	407	2742	32	<LOD	316	12214	46	16049	49	2761	83	82
1487	148780139	148740063	576173,3	5342649,0	17	32D04	196565	91	74	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8065	41030	347	139528	370	3445	35	<LOD	444	7498	36	8206	32	1645	75	<LOD
1487	148780140	148740021	576173,5	5343298,2	17	32D04	582784	104	75	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7091	22974	287	138262	365	2368	30	1973	31	11511	45	20501	60	1989	79	<LOD
1487	148780142	148740049	576179,7	5342452,1	17	32D04	196565	87	77	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7440	35177	324	142504	372	3254	34	244	26	9892	41	9622	35	2651	79	<LOD
1487	148780143	148740138	575372,1	5343153,8	17	32D04	339470	17	78	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6912	34764	321	152110	382	3486	35	<LOD	390	9942	41	11870	40	2053	77	<LOD
1487	148780144	148740052	575988,8	5342951,9	17	32D04	327071	76	79	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8423	18416	257	119471	346	3182	31	<LOD	470	7356	34	6677	28	3660	72	114
1487	148780145	148740146	575776,8	5342397,7	17	32D04	103489	44	80	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8702	39016	350	133038	370	3111	34	313	28	8071	39	8895	35	2066	79	<LOD
1487	148780146	148740012	575776,7	5342797,2	17	32D04	327071	52	81	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7343	34827	326	158020	391	3191	34	<LOD	412	9688	42	9556	36	1120	76	<LOD
1487	148780147	148740114	576571,9	5343000,3	17	32D04	582789	140	82	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6769	25734	288	142045	363	2798	31	1939	30	10555	42	16981	51	2444	78	<LOD
1487	148780148	148740106	576371,9	5343354,9	17	32D04	582784	126	83	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6918	20516	265	123461	331	2675	30	1372	27	9884	39	22779	63	1944	74	<LOD
1487	148780149	148740125	576577,6	5342457,0	17	32D04	196565	129	84	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6239	26076	297	175420	422	2704	33	<LOD	322	13261	50	17535	55	2648	84	77
1487	148780150	148740043	576379,4	5342549,9	17	32D04	196565	110	85	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	10136	46241	368	95990	307	3173	33	478	26	6736	34	7092	29	1782	71	<LOD
1487	148780152	148740140	575376,3	5343045,3	17	32D04	339470	15	87	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	5935	25145	282	188557	418	2952	33	<LOD	324	11175	44	10205	36	2668	84	<LOD
1487	148780153	148740010	576168,6	5343254,4	17	32D04	582784	103	88	Geochem(3-Beam)	Full pallet	IOS22-0003	3814	1028	26665	295	157679	460	2651	32	<LOD	294	13303	53	33368	103	2532	81	116
1487	148780154	148740137	575380,2	5343208,7	17	32D04	303002	18	89	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9104	35636	328	138767	367	3514	35	<LOD	431	9987	42	9636	35	2029	75	<LOD
1487	148780155	148740074	575970,0	5342896,4	17	32D04	327071	75	90	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8177	35717	323	154277	385	2823	32	1353	29	10335	42	10853	38	2322	78	<LOD
1487	148780156	148740113	576569,5	5343049,8	17	32D04	582789	141	91	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6248	22264	275	177929	406	2828	33	791	28	11402	45	15341	48	1225	76	<LOD
1487	148780157	148740121	576577,3	5342648,2	17	32D04	196565	133	92	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6563	24440	291	160693	400	2647	32	80	26	12277	47	18783	57	2385	82	<LOD
1487	148780158	148740009	576175,9	5343198,9	17	32D04	582789	102	93	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9910	40701	346	99315	305	2862	31	187	25	7233	34	7685	30	1464	68	<LOD
1487	148780159	148740142	575379,3	5342944,2	17	32D04	339470	13	94	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7270	32564	317	150930	381	3304	34	<LOD	419	9816	41	9154	34	2142	78	<LOD
1487	148780160	148740029	576378,6	5342742,7	17	32D04	196565	114	95	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7489	38628	332	134400	357	2966	32	<LOD	434	8900	38	10017	36	2337	75	<LOD
1487	148780162	148740123	576578,3	5342548,4	17	32D04	196565	131	97	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6285	28613	304	167387	408	2610	32	<LOD	343	12571	48	16422	51	2739	82	67
1487	148780163	148740030	576379,6	5342691,4	17	32D04	196565	113	98	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6530	28139	294	163614	391	2918	32	<LOD	364	10452	42	12271	41	2081	76	<LOD

RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																																	
		V Error1s	Cr	Cr Error1s	Mn	Mn Error1s	Fe	Fe Error1s	Co	Co Error1s	Ni	Ni Error1s	Cu	Cu Error1s	Zn	Zn Error1s	As	As Error1s	Se	Se Error1s	Rb	Rb Error1s	Sr	Sr Error1s	Y	Y Error1s	Zr	Zr Error1s	Nb	Nb Error1s	Mo	Mo Error1s	Ag
Nb Analysis:	146	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Historique	1949	1063	1949	1944	1949	1949	1949	652	1949	1437	1949	1734	1949	1941	1949	390	1949	28	1949	1926	1949	1897	1949	1843	1949	1929	1949	321	1949	684	1949	24
99 Percentile	Historique	105	202	48	762	14	58605	188	197	104	124	9	359	10	235	3	17	4	4	3	90	2	430	3	25	4	325	3	8	5	13	7	4
Moyenne	Historique	63	63	23	253	20	19373	65	68	43	30	4	30	3	40	2	4	3	2	2	38	1	277	2	8	1	148	1	4	4	5	4	3
Écart type	Historique	32	54	15	213	225	12565	36	33	27	23	2	87	2	33	1	9	1	1	0	19	0	110	1	5	1	66	0	3	1	3	2	1
Coeff. var.	Historique	1	1	1	1	11	1	1	0	1	1	1	3	1	1	0	2	0	0	0	1	0	0	0	1	1	0	0	1	0	1	1	0
Maximum	Historique	109	1377	58	4597	6409	150168	484	231	139	399	10	1829	10	274	6	163	6	4	3	109	3	1819	6	83	5	481	6	51	5	37	7	4
Minimum	Historique	8	22	7	17	4	695	8	15	5	5	1	5	1	4	1	2	0	1	0	1	0	1	0	2	0	2	1	2	1	2	1	2
Compte	Projet	146	101	146	146	146	146	146	14	146	146	146	110	146	146	146	28	146	0	146	146	146	146	146	145	146	146	146	8	146	45	146	0
Moyenne	Projet	77	52	21	227	10	17734	62	47	59	21	2	11	4	26	2	3	3	#DIV/0!	2	49	1	299	2	6	1	135	1	4	5	4	5	#DIV/0!
Écart type	Projet	30	23	16	115	1	6862	18	9	18	8	0	5	3	8	0	1	1	#DIV/0!	0	4	0	21	0	3	0	57	0	1	1	1	2	#DIV/0!
Maximum	Projet	102	210	50	1304	17	59016	163	63	114	52	3	36	10	50	2	5	4	0	3	58	1	345	2	15	4	300	2	4	5	8	7	0
Minimum	Projet	17	30	9	92	8	7914	35	33	11	8	2	6	2	14	1	2	1	0	2	40	1	221	1	2	1	41	1	3	1	3	1	0
148780128	148740066	90	<LOD	47	129	10	13672	52	<LOD	57	21	2	<LOD	9	17	2	<LOD	4	<LOD	3	49	1	310	2	4	1	80	1	<LOD	5	<LOD	6	<LOD
148780129	148740093	92	70	11	220	10	17736	60	<LOD	65	28	2	6	2	28	2	<LOD	4	<LOD	2	49	1	304	2	7	1	150	1	<LOD	5	<LOD	6	<LOD
148780130	148740078	93	31	10	223	10	14769	54	<LOD	59	25	2	8	2	35	2	2	1	<LOD	2	53	1	303	2	4	1	150	1	<LOD	5	<LOD	6	<LOD
148780132	148740099	93	51	11	198	10	15464	55	<LOD	60	22	2	6	2	23	2	<LOD	4	<LOD	2	49	1	313	2	5	1	124	1	<LOD	5	<LOD	6	<LOD
148780133	148740045	91	<LOD	46	254	10	17162	59	<LOD	63	17	2	<LOD	9	27	2	<LOD	4	<LOD	2	52	1	289	1	4	1	159	1	<LOD	5	<LOD	6	<LOD
148780134	148740139	101	74	11	307	11	19955	67	<LOD	69	17	2	<LOD	10	26	2	<LOD	4	<LOD	2	47	1	289	2	6	1	128	1	<LOD	5	<LOD	6	<LOD
148780135	148740015	22	<LOD	47	209	10	17884	61	<LOD	65	10	2	9	2	22	2	<LOD	4	<LOD	2	54	1	291	2	4	1	162	1	<LOD	5	<LOD	6	<LOD
148780136	148740131	97	56	10	312	10	25998	79	<LOD	77	21	2	10	2	50	2	<LOD	4	<LOD	2	43	1	266	1	5	1	201	1	<LOD	4	<LOD	6	<LOD
148780137	148740023	91	<LOD	46	168	9	18639	63	<LOD	66	20	2	<LOD	9	23	2	<LOD	4	<LOD	2	53	1	286	1	4	1	68	1	<LOD	4	<LOD	6	<LOD
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148780139	148740063	89	<LOD	43	208	10	13934	52	<LOD	57	13	2	<LOD	9	18	2	<LOD	4	<LOD	2	43	1	297	2	5	1	50	1	<LOD	5	<LOD	6	<LOD
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RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																																	
		Ag Error1s	Cd	Cd Error1s	Sn	Sn Error1s	Sb	Sb Error1s	Ba	Ba Error1s	La	La Error1s	Ce	Ce Error1s	Pr	Pr Error1s	Nd	Nd Error1s	W	W Error1s	Hg	Hg Error1s	Pb	Pb Error1s	Bi	Bi Error1s	Th	Th Error1s	U	U Error1s	LE	LE Error1s
Nb Analysis:	146	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Historique	1949	74	1949	145	1949	50	1949	1882	1949	456	1949	550	1949	181	1949	216	1949	27	1949	4	1949	1872	1949	0	1949	1927	1949	1336	1949	1949	1949
99 Percentile	Historique	117	20	23	27	32	33	44	422	850	109	2312	131	2513	155	3427	221	4953	21	13	5	9	42	4	#NOMBRE!	35	58	6	18	8	968027	1156
Moyenne	Historique	74	15	19	19	25	25	37	241	39	60	1391	71	1434	91	2493	144	3558	11	11	5	8	12	1	#DIV/0!	32	19	2	6	3	796652	530
Écart type	Historique	15	2	4	2	7	4	7	104	158	26	772	38	898	22	813	35	1270	3	2	1	1	9	1	#DIV/0!	3	10	1	4	3	68333	246
Coeff. var.	Historique	0	0	0	0	0	0	0	0	4	0	1	1	1	0	0	0	0	0	0	0	0	1	1	#DIV/0!	0	1	0	1	1	0	0
Maximum	Historique	173	23	24	28	33	33	46	568	1725	511	3123	833	3316	182	4442	261	6117	23	14	5	9	203	4	0	38	83	12	66	10	979470	1571
Minimum	Historique	1	12	4	16	5	17	6	12	4	28	8	31	9	41	12	54	15	7	2	4	1	2	0	0	17	6	1	2	1	679637	146
Compte	Projet	146	6	146	17	146	5	146	146	146	21	146	22	146	11	146	12	146	0	146	0	146	146	146	0	146	146	146	80	146	146	146
Moyenne	Projet	66	14	22	19	28	27	41	293	10	59	1478	65	1619	93	2452	161	3556	#DIV/0!	12	#DIV/0!	8	12	1	#DIV/0!	33	16	2	4	4	775426	474
Écart type	Projet	3	1	4	2	8	2	7	29	0	7	603	7	678	9	698	28	1061	#DIV/0!	1	#DIV/0!	1	2	0	#DIV/0!	1	4	0	1	3	16595	104
Maximum	Projet	80	16	24	23	33	31	46	361	11	77	1924	83	2086	111	2923	215	4294	0	13	0	9	26	1	0	36	25	2	6	8	828138	1097
Minimum	Projet	60	13	4	17	5	25	8	226	9	50	16	56	18	83	27	128	40	0	10	0	7	8	1	0	27	8	2	3	1	735557	395
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148780153	148740010	70	<LOD	22	<LOD	31	<LOD	43	346	11	66	18	<LOD	1991	<LOD	2768	<LOD	4037	<LOD	13	<LOD	9	13	1	<LOD	35	21	2	<LOD	8	735557	912
148780154	148740137	64	<LOD	22	<LOD	30	<LOD	42	306	10	57	17	<LOD	1851	<LOD	2589	<LOD	3800	<LOD	12	<LOD	8	12	1	<LOD	33	12	2	3	1	782457	447
148780155	148740074	69	<LOD	22	<LOD	30	<LOD	42	310	10	61	17	<LOD	1931	<LOD	2703	<LOD	3968	<LOD	12	<LOD	8	12	1	<LOD	33	11	2	3	1	764275	455
148780156	148740113	62	<LOD	23	<LOD	31	<LOD	44	315	10	<LOD	1655	<LOD	1817	<LOD	2544	<LOD	3712	<LOD	12	<LOD	9	11	1	<LOD	34	13	2	4	1	757884	450
148780157	148740121	70	<LOD	23	<LOD	31	<LOD	43	312	10	<LOD	1785	<LOD	1972	<LOD	2737	<LOD	3999	<LOD	13	<LOD	9	13	1	<LOD	35	21	2	4	1	760547	454
148780158	148740009	66	<LOD	21	<LOD	29	<LOD	40	258	9	<LOD	1678	<LOD	1848	<LOD	2563	<LOD	3756	<LOD	11	<LOD	8	10	1	<LOD	31	11	2	4	1	822935	423
148780159	148740142	65	<LOD	22	<LOD	30	<LOD	42	297	10	<LOD	1710	<LOD	1889	<LOD	2627	<LOD	3821	<LOD	12	<LOD	8	16	1	<LOD	33	15	2	<LOD	7	776266	451
148780160	148740029	66	<LOD	22	<LOD	29	<LOD	41	272	10	<LOD	1703	<LOD	1884	<LOD	2612	<LOD	3827	<LOD	12	<LOD	8	10	1	<LOD	32	9	2	4	1	782842	441
148780162	148740123	70	<LOD	23	<LOD	31	<LOD	43	294	10	<LOD	1784	<LOD	1963	<LOD	2711	<LOD	3971	<LOD	12	<LOD	9	12	1	<LOD	35	20	2	4	1	750729	463
148780163	148740030	65	<LOD	22	<LOD	30	<LOD	42	325	10	<LOD	1689	<LOD	1856	<LOD	2585	<LOD	3789	<LOD	12	<LOD	8	11	1	<LOD	33	14	2	<LOD	7	762570	446

					DATA FOR THE LOSS ON IGNITION AT 700°C						LOI CALCULATIONS (700°C)		
PROJECT NUMBER	SAMPLE	FIELD SAMPLE	SAMPLE TYPE	CERTIFICATE	Batch number	Crucible number	Weight empty crucible predried	Weight material and crucible after pre-drying	Weight material and crucible after LOI (700°C)	Comments	Dry weight	Weight cremated (700°C)	LOI (700°C)
Nb Analyses:	146						(g)	(g)	(g)		(g)	(g)	(%)
Compte	Historique						17737	17713	5876		17669	5829	5774
Moyenne	Historique						21,3423	29,1591	30,6230		7,8404	9,3309	27,5705
Écart-type (σ)	Historique						4,4813	7,0414	7,0212		5,1161	6,8306	30,7993
Maximum	Historique						141,9409	157,5155	51,4219		43,1417	30,4286	100,0000
Minimum	Historique						17,8099	18,2403	17,9339		-20,8484	-0,0013	0,0000
Compte	Projet						146	146	146		146	146	146
Moyenne	Projet						21,5561	42,4616	41,7358		20,9055	20,1798	3,6841
Écart-type (σ)	Projet						1,3345	3,6370	3,7773		3,5261	3,6654	2,2252
Maximum	Projet						25,1944	50,2690	49,8987		30,7989	30,4286	13,9790
Minimum	Projet						18,7875	32,1975	31,8773		9,8879	9,5677	0,9287
1487	148780002	148740119	Horizon B	IOS22-0010	1487-1	302	22,9112	37,4737	36,3408		14,5625	13,4296	7,7796
1487	148780003	148740037	Horizon B	IOS22-0010	1487-1	303	22,0388	39,4766	38,2183		17,4378	16,1795	7,2159
1487	148780004	148740057	Horizon B	IOS22-0010	1487-1	304	21,6422	40,9597	40,1365		19,3175	18,4943	4,2614
1487	148780005	148740067	Horizon B	IOS22-0010	1487-1	305	22,3096	32,1975	31,8773	Vidé.	9,8879	9,5677	3,2383
1487	148780006	148740100	Horizon B	IOS22-0010	1487-1	306	22,2609	47,7480	47,2057		25,4871	24,9448	2,1277
1487	148780007	148740083	Horizon B	IOS22-0010	1487-1	307	20,0478	40,8440	39,7462		20,7962	19,6984	5,2788
1487	148780008	148740109	Horizon B	IOS22-0010	1487-1	308	21,3071	44,4748	44,0838		23,1677	22,7767	1,6877
1487	148780009	148740041	Horizon B	IOS22-0010	1487-1	309	23,5217	43,7551	42,8636		20,2334	19,3419	4,4061
1487	148780010	148740027	Horizon B	IOS22-0010	1487-1	310	20,8709	37,9644	36,6889		17,0935	15,8180	7,4619
1487	148780012	148740035	Horizon B	IOS22-0010	1487-1	312	24,7417	44,4249	43,9338		19,6832	19,1921	2,4950
1487	148780013	148740094	Horizon B	IOS22-0010	1487-1	313	20,7017	44,5224	43,9464		23,8207	23,2447	2,4181
1487	148780014	148740046	Horizon B	IOS22-0010	1487-1	314	21,9057	42,0023	41,3447		20,0966	19,4390	3,2722
1487	148780015	148740085	Horizon B	IOS22-0010	1487-1	315	20,4441	38,4895	37,5355		18,0454	17,0914	5,2867
1487	148780016	148740071	Horizon B	IOS22-0010	1487-1	316	23,0683	47,5824	46,9677		24,5141	23,8994	2,5075
1487	148780017	148740014	Horizon B	IOS22-0010	1487-1	317	22,6773	46,7344	46,4067		24,0571	23,7294	1,3622
1487	148780018	148740103	Horizon B	IOS22-0010	1487-1	318	19,3474	44,4027	43,3420		25,0553	23,9946	4,2334
1487	148780019	148740133	Horizon B	IOS22-0010	1487-1	319	23,9568	47,4329	47,0110		23,4761	23,0542	1,7971
1487	148780020	148740141	Horizon B	IOS22-0010	1487-1	320	23,2216	44,5904	43,7839		21,3688	20,5623	3,7742
1487	148780022	148740129	Horizon B	IOS22-0010	1487-1	322	21,1103	46,6889	45,6879		25,5786	24,5776	3,9134
1487	148780023	148740039	Horizon B	IOS22-0010	1487-1	323	22,0759	44,6813	44,1710		22,6054	22,0951	2,2574
1487	148780024	148740006	Horizon B	IOS22-0010	1487-1	326	22,8767	40,8045	40,0078		17,9278	17,1311	4,4439
1487	148780025	148740101	Horizon B	IOS22-0010	1487-1	327	21,4921	43,3211	42,6463		21,829	21,1542	3,0913
1487	148780026	148740070	Horizon B	IOS22-0010	1487-1	22	22,4517	49,7795	49,5257		27,3278	27,0740	0,9287
1487	148780027	148740060	Horizon B	IOS22-0010	1487-1	329	22,4538	48,1112	47,7709		25,6574	25,3171	1,3263
1487	148780028	148740020	Horizon B	IOS22-0010	1487-1	330	23,3883	41,5003	40,3990		18,112	17,0107	6,0805
1487	148780029	148740089	Horizon B	IOS22-0010	1487-1	331	21,6758	42,7958	42,1637		21,12	20,4879	2,9929
1487	148780030	148740111	Horizon B	IOS22-0010	1487-1	332	21,3738	41,6899	41,4215		20,3161	20,0477	1,3211
1487	148780032	148740032	Horizon B	IOS22-0010	1487-1	334	23,2618	39,2089	38,7525		15,9471	15,4907	2,8620
1487	148780033	148740028	Horizon B	IOS22-0010	1487-1	335	19,5907	43,6921	43,1712		24,1014	23,5805	2,1613
1487	148780034	148740061	Horizon B	IOS22-0010	1487-1	336	21,3999	44,9239	44,2953		23,524	22,8954	2,6722
1487	148780035	148740077	Horizon B	IOS22-0010	1487-1	337	23,7827	44,5224	43,7911		20,7397	20,0084	3,5261
1487	148780036	148740102	Horizon B	IOS22-0010	1487-1	338	23,2267	43,2956	42,2007		20,0689	18,9740	5,4557
1487	148780037	148740048	Horizon B	IOS22-0010	1487-1	339	23,3969	45,2639	44,7279		21,867	21,3310	2,4512
1487	148780038	148740019	Horizon B	IOS22-0010	1487-1	340	21,2389	36,9358	36,4227		15,6969	15,1838	3,2688
1487	148780039	148740092	Horizon B	IOS22-0010	1487-1	341	22,3744	41,5603	41,0225		19,1859	18,6481	2,8031
1487	148780040	148740082	Horizon B	IOS22-0010	1487-1	342	20,8507	42,0644	41,6637		21,2137	20,8130	1,8889
1487	148780042	148740075	Horizon B	IOS22-0010	1487-1	344	21,2104	44,8295	44,4683		23,6191	23,2579	1,5293
1487	148780043	148740110	Horizon B	IOS22-0010	1487-1	345	22,2852	43,5324	43,0984		21,2472	20,8132	2,0426
1487	148780044	148740128	Horizon B	IOS22-0010	1487-1	346	23,8535	43,2667	42,1473		19,4132	18,2938	5,7662
1487	148780045	148740135	Horizon B	IOS22-0010	1487-1	347	23,1405	48,7909	48,3843		25,6504	25,2438	1,5852
1487	148780046	148740097	Horizon B	IOS22-0010	1487-1	23	21,4478	41,8746	41,3817		20,4268	19,9339	2,4130
1487	148780047	148740076	Horizon B	IOS22-0010	1487-1	349	21,8887	45,2556	44,7877		23,3669	22,8990	2,0024
1487	148780048	148740064	Horizon B	IOS22-0010	1487-1	24	21,0459	41,5762	40,6865		20,5303	19,6406	4,3336
1487	148780049	148740033	Horizon B	IOS22-0010	1487-1	325	23,9712	38,0264	36,8611		14,0552	12,8899	8,2909
1487	148780050	148740003	Horizon B	IOS22-0010	1487-1	352	20,0148	43,3785	42,9405		23,3637	22,9257	1,8747
1487	148780052	148740124	Horizon B	IOS22-0010	1487-1	354	20,3640	36,6999	36,0410		16,3359	15,6770	4,0334
1487	148780053	148740013	Horizon B	IOS22-0010	1487-1	355	18,7875	35,0842	33,5785		16,2967	14,7910	9,2393
1487	148780054	148740134	Horizon B	IOS22-0010	1487-1	356	21,1725	39,7954	39,2386		18,6229	18,0661	2,9899
1487	148780055	148740036	Horizon B	IOS22-0010	1487-1	357	21,5745	43,6424	42,8594		22,0679	21,2849	3,5481
1487	148780056	148740065	Horizon B	IOS22-0010	1487-1	358	21,2726	40,3354	39,3244		19,0628	18,0518	5,3035
1487	148780057	148740126	Horizon B	IOS22-0010	1487-1	359	22,1424	37,6354	36,3827		15,493	14,2403	8,0856
1487	148780058	148740042	Horizon B	IOS22-0010	1487-1	360	22,1430	48,3853	47,8877		26,2423	25,7447	1,8962
1487	148780059	148740062	Horizon B	IOS22-0010	1487-1	361	19,1871	40,8499	40,4385		21,6628	21,2514	1,8991
1487	148780060	148740132	Horizon B	IOS22-0010	1487-1	362	20,7571	46,6514	46,3898		25,8943	25,6327	1,0103
1487	148780062	148740050	Horizon B	IOS22-0010	1487-1	364	22,4493	41,3704	40,8233		18,9211	18,3740	2,8915
1487	148780063	148740068	Horizon B	IOS22-0010	1487-1	365	22,1611	40,1217	39,7270		17,9606	17,5659	2,1976
1487	148780064	148740017	Horizon B	IOS22-0010	1487-1	366	22,5729	44,1408	43,6620		21,5679	21,0891	2,2200
1487	148780065	148740084	Horizon B	IOS22-0010	1487-1	561	21,3209	41,6172	40,6830		20,2963	19,3621	4,6028
1487	148780066	148740107	Horizon B	IOS22-0010	1487-1	368	22,6875	46,8305	46,5118		24,143	23,8243	1,3201
1487	148780067	148740086	Horizon B	IOS22-0010	1487-1	369	22,3419	41,4948	40,7576		19,1529	18,4157	3,8490
1487	148780068	148740044	Horizon B	IOS22-0010	1487-1	370	22,5153	45,7845	45,0189		23,2692	22,5036	3,2902
1487	148780069	148740127	Horizon B	IOS22-0010	1487-1	371	22,7288	42,4176	41,7533		19,6888	19,0245	3,3740
1487	148780070	148740053	Horizon B	IOS22-0010	1487-1	372	23,2314	43,9971	43,4227		20,7657	20,1913	2,7661
1487	148780072	148740034	Horizon B	IOS22-0010	1487-1	374	21,4796	40,8827	40,1026		19,4031	18,6230	4,0205
1487	148780073	148740018	Horizon B	IOS22-0010	1487-1	375	20,2765	38,8570	37,9739		18,5805	17,6974	4,7528
1487	148780074	148740098	Horizon B	IOS22-0010	1487-1	376	20,6313	40,1862	39,7842		19,5549	19,1529	2,0558
1487	148780075	148740008	Horizon B	IOS22-0010	1487-1	377	21,4058	43,1899	42,4991		21,7841	21,0933	3,1711
1487	148780076	148740118	Horizon B	IOS22-0010	1487-1	378	20,2173	35,7929	35,5952		15,5756	15,3779	1,2693
1487	148780077	148740040	Horizon B	IOS22-0010	1487-1	379	22,2931	43,6073	43,1065		21,3142	20,8134	2,3496
1487	148780078	148740007	Horizon B	IOS22-0010	1487-1	380	23,3360	44,5442	44,1485		21,2082	20,8125	1,8658
1487	148780079	148740147	Horizon B	IOS22-0010	1487-1	381	20,0871	45,3335	44,8431		25,2464	24,7560	1,9425
1487	148780080	148740004	Horizon B	IOS22-0010	1487-1	382	21,8534	42,6057	40,5673		20,7523	18,7139	9,8225
1487	148780082	148740095	Horizon B	IOS22-0010	1487-1	384	20,6931	46,2013	45,5628		25,5082	24,8697	2,5031
1487	148780083	148740055	Horizon B	IOS22-0010	1487-1	385	21,1675	39,0147	38,5313		17,8472	17,3638	2,7085
1487	148780084	148740079	Horizon B	IOS22-0010	1487-1	386	23,0048	49,7931	49,2524		26,7883	26,2476	2,0184
1487	148780085	148740143	Horizon B	IOS22-0010	1487-1	387	22,9016	44,7699	43,4654		21,8683	20,5638	5,9653
1487	148780086	148740136	Horizon B	IOS22-0010	1487-1	388	23,4668	49,3223	48,8844		25,8555	25,4176	1,6936
1487	148780087	148740038	Horizon B	IOS22-0010	1487-1	389	20,2681	40,6196	39,5093		20,3515	19,2412	5,4556
1487	148780088	148740096	Horizon B	IOS22-0010	1487-1	390	21,3307	49,4989	48,9961		28,1682	27,6654	1,7850
1487	148780089	148740120	Horizon B	IOS22-0010	1487-1	391	20,7304	42,3612	41,8127		21,6308	21,0823	2,5357
1487	148780090	148740051	Horizon B	IOS22-0010	1487-1	392	25,1944	46,6169	45,9348		21,4225	20,7404	3,1840
1487	148780092	148740073	Horizon B	IOS22-0010	1487-1	394	21,4605	43,5275	42,6145		22,067	21,1540	4,1374

					DATA FOR THE LOSS ON IGNITION AT 700°C						LOI CALCULATIONS (700°C)		
PROJECT NUMBER	SAMPLE	FIELD SAMPLE	SAMPLE TYPE	CERTIFICATE	Batch number	Crucible number	Weight empty crucible predried	Weight material and crucible after pre-drying	Weight material and crucible after LOI (700°C)	Comments	Dry weight	Weight cremated (700°C)	LOI (700°C)
Nb Analyses:	146						(g)	(g)	(g)		(g)	(g)	(%)
Compte	Historique						17737	17713	5876		17669	5829	5774
Moyenne	Historique						21,3423	29,1591	30,6230		7,8404	9,3309	27,5705
Écart-type (σ)	Historique						4,4813	7,0414	7,0212		5,1161	6,8306	30,7993
Maximum	Historique						141,9409	157,5155	51,4219		43,1417	30,4286	100,0000
Minimum	Historique						17,8099	18,2403	17,9339		-20,8484	-0,0013	0,0000
Compte	Projet						146	146	146		146	146	146
Moyenne	Projet						21,5561	42,4616	41,7358		20,9055	20,1798	3,6841
Écart-type (σ)	Projet						1,3345	3,6370	3,7773		3,5261	3,6654	2,2252
Maximum	Projet						25,1944	50,2690	49,8987		30,7989	30,4286	13,9790
Minimum	Projet						18,7875	32,1975	31,8773		9,8879	9,5677	0,9287
1487	148780093	148740026	Horizon B	IOS22-0010	1487-1	395	22,0468	42,9473	41,8136		20,9005	19,7668	5,4243
1487	148780094	148740105	Horizon B	IOS22-0010	1487-1	396	20,8016	41,2431	40,5659		20,4415	19,7643	3,3129
1487	148780095	148740088	Horizon B	IOS22-0010	1487-1	397	21,4483	42,7976	42,2463		21,3493	20,7980	2,5823
1487	148780096	148740005	Horizon B	IOS22-0010	1487-1	398	23,0195	37,0913	35,1242		14,0718	12,1047	13,9790
1487	148780097	148740080	Horizon B	IOS22-0010	1487-1	399	23,0116	47,3007	46,6649		24,2891	23,6533	2,6176
1487	148780098	148740072	Horizon B	IOS22-0010	1487-2	400	19,4701	50,2690	49,8987		30,7989	30,4286	1,2023
1487	148780099	148740054	Horizon B	IOS22-0010	1487-2	571	20,8467	44,2028	43,4672		23,3561	22,6205	3,1495
1487	148780100	148740087	Horizon B	IOS22-0010	1487-2	562	21,9571	40,8571	39,5304		18,9	17,5733	7,0196
1487	148780102	148740117	Horizon B	IOS22-0010	1487-2	204	21,3475	36,5442	35,9065		15,1967	14,5590	4,1963
1487	148780103	148740016	Horizon B	IOS22-0010	1487-2	205	20,5925	37,8159	36,9767		17,2234	16,3842	4,8724
1487	148780104	148740025	Horizon B	IOS22-0010	1487-2	206	20,4869	40,1194	39,5716		19,6325	19,0847	2,7903
1487	148780105	148740145	Horizon B	IOS22-0010	1487-2	567	23,9694	49,2424	48,2608		25,273	24,2914	3,8840
1487	148780106	148740090	Horizon B	IOS22-0010	1487-2	208	20,6225	45,5105	45,0347		24,888	24,4122	1,9118
1487	148780107	148740144	Horizon B	IOS22-0010	1487-2	209	21,3112	42,4155	41,5212		21,1043	20,2100	4,2375
1487	148780108	148740024	Horizon B	IOS22-0010	1487-2	210	22,6623	40,0573	39,5324		17,395	16,8701	3,0175
1487	148780109	148740091	Horizon B	IOS22-0010	1487-2	211	20,8033	45,3944	45,0118		24,5911	24,2085	1,5558
1487	148780110	148740069	Horizon B	IOS22-0010	1487-2	212	23,8459	44,6202	44,2698		20,7743	20,4239	1,6867
1487	148780112	148740031	Horizon B	IOS22-0010	1487-2	214	19,7031	38,6451	37,8306		18,942	18,1275	4,3000
1487	148780113	148740122	Horizon B	IOS22-0010	1487-2	215	21,9134	37,0997	36,3974		15,1863	14,4840	4,6246
1487	148780114	148740059	Horizon B	IOS22-0010	1487-2	216	19,8473	48,2234	47,7445		28,3761	27,8972	1,6877
1487	148780115	148740112	Horizon B	IOS22-0010	1487-2	217	19,3992	41,0730	40,3859		21,6738	20,9867	3,1702
1487	148780116	148740081	Horizon B	IOS22-0010	1487-2	218	21,8487	42,9071	42,0534		21,0584	20,2047	4,0540
1487	148780117	148740001	Horizon B	IOS22-0010	1487-2	219	21,3640	42,4267	41,8238		21,0627	20,4598	2,8624
1487	148780118	148740058	Horizon B	IOS22-0010	1487-2	220	20,0842	40,8724	40,3196		20,7882	20,2354	2,6592
1487	148780119	148740115	Horizon B	IOS22-0010	1487-2	221	20,4062	35,7968	35,0835		15,3906	14,6773	4,6346
1487	148780120	148740022	Horizon B	IOS22-0010	1487-2	222	21,3971	41,7228	40,8417		20,3257	19,4446	4,3349
1487	148780122	148740056	Horizon B	IOS22-0010	1487-2	126	23,4713	43,8792	43,4730		20,4079	20,0017	1,9904
1487	148780123	148740002	Horizon B	IOS22-0010	1487-2	127	20,3232	35,9742	34,2760		15,651	13,9528	10,8504
1487	148780124	148740108	Horizon B	IOS22-0010	1487-2	128	18,9582	42,3011	41,8947		23,3429	22,9365	1,7410
1487	148780125	148740011	Horizon B	IOS22-0010	1487-2	129	21,2866	46,3049	45,6594		25,0183	24,3728	2,5801
1487	148780126	148740047	Horizon B	IOS22-0010	1487-2	130	19,9138	39,5495	38,1869		19,6357	18,2731	6,9394
1487	148780127	148740104	Horizon B	IOS22-0010	1487-2	131	20,6336	41,6599	40,6165		21,0263	19,9829	4,9624
1487	148780128	148740066	Horizon B	IOS22-0010	1487-2	132	21,1634	44,6915	44,2809		23,5281	23,1175	1,7451
1487	148780129	148740093	Horizon B	IOS22-0010	1487-2	133	20,7828	45,3425	44,7031		24,5597	23,9203	2,6035
1487	148780130	148740078	Horizon B	IOS22-0010	1487-2	134	21,8689	45,8778	45,3156		24,0089	23,4467	2,3416
1487	148780132	148740099	Horizon B	IOS22-0010	1487-2	136	22,9406	44,0403	43,5321		21,0997	20,5915	2,4086
1487	148780133	148740045	Horizon B	IOS22-0010	1487-2	137	19,7329	40,7299	39,8980		20,997	20,1651	3,9620
1487	148780134	148740139	Horizon B	IOS22-0010	1487-2	138	23,5423	42,0857	41,4994		18,5434	17,9571	3,1618
1487	148780135	148740015	Horizon B	IOS22-0010	1487-2	139	21,5305	40,9116	40,3568		19,3811	18,8263	2,8626
1487	148780136	148740131	Horizon B	IOS22-0010	1487-2	140	20,5535	40,8906	39,8460		20,3371	19,2925	5,1364
1487	148780137	148740023	Horizon B	IOS22-0010	1487-2	141	19,7642	37,7997	37,0994		18,0355	17,3352	3,8829
1487	148780138	148740116	Horizon B	IOS22-0010	1487-2	142	20,7953	38,4671	38,0684		17,6718	17,2731	2,2561
1487	148780139	148740063	Horizon B	IOS22-0010	1487-2	143	19,5382	44,4819	43,8172		24,9437	24,2790	2,6648
1487	148780140	148740021	Horizon B	IOS22-0010	1487-2	144	20,1791	40,3057	39,2958		20,1266	19,1167	5,0177
1487	148780142	148740049	Horizon B	IOS22-0010	1487-2	146	19,5728	43,6180	42,9820		24,0452	23,4092	2,6450
1487	148780143	148740138	Horizon B	IOS22-0010	1487-2	147	21,7027	48,2875	47,7681		26,5848	26,0654	1,9537
1487	148780144	148740052	Horizon B	IOS22-0010	1487-2	148	20,7445	35,1492	33,2698		14,4047	12,5253	13,0471
1487	148780145	148740146	Horizon B	IOS22-0010	1487-2	149	19,9373	47,4250	46,4092		27,4877	26,4719	3,6955
1487	148780146	148740012	Horizon B	IOS22-0010	1487-2	150	19,7585	44,9323	44,5371		25,1738	24,7786	1,5699
1487	148780147	148740114	Horizon B	IOS22-0010	1487-2	151	19,3175	38,7676	37,8179		19,4501	18,5004	4,8828
1487	148780148	148740106	Horizon B	IOS22-0010	1487-2	152	20,5292	37,4469	36,0162		16,9177	15,4870	8,4568
1487	148780149	148740125	Horizon B	IOS22-0010	1487-2	153	22,8825	37,1087	36,7147		14,2262	13,8322	2,7695
1487	148780150	148740043	Horizon B	IOS22-0010	1487-2	154	23,0188	39,3527	38,2988		16,3339	15,2800	6,4522
1487	148780152	148740140	Horizon B	IOS22-0010	1487-2	156	20,2891	40,3027	39,9262		20,0136	19,6371	1,8812
1487	148780153	148740010	Horizon B	IOS22-0010	1487-2	157	19,8408	35,4903	34,9120		15,6495	15,0712	3,6953
1487	148780154	148740137	Horizon B	IOS22-0010	1487-2	108	22,1909	45,3044	44,6303		23,1135	22,4394	2,9165
1487	148780155	148740074	Horizon B	IOS22-0010	1487-2	159	20,9355	41,3073	40,7598		20,3718	19,8243	2,6875
1487	148780156	148740113	Horizon B	IOS22-0010	1487-2	160	19,0222	45,4413	44,9534		26,4191	25,9312	1,8468
1487	148780157	148740121	Horizon B	IOS22-0010	1487-2	161	22,2887	36,9937	36,0729		14,705	13,7842	6,2618
1487	148780158	148740009	Horizon B	IOS22-0010	1487-2	162	22,4248	44,4674	42,8458		22,0426	20,4210	7,3567
1487	148780159	148740142	Horizon B	IOS22-0010	1487-2	163	22,3764	42,4689	41,6999		20,0925	19,3235	3,8273
1487	148780160	148740029	Horizon B	IOS22-0010	1487-2	164	20,4157	42,0634	40,9649		21,6477	20,5492	5,0744
1487	148780162	148740123	Horizon B	IOS22-0010	1487-2	166	20,5965	37,5693	36,6397		16,9728	16,0432	5,4770
1487	148780163	148740030	Horizon B	IOS22-0010	1487-2	167	23,0969	43,3854	42,8035		20,2885	19,7066	2,8681

		SAMPLE PREPARATION						SAMPLE DESCRIPTION											
ANALYSIS NUMBER	FIELD NUMBER	Initial weight	0-250 µ weight	LOI aliquot 0-250 µ weight	0-250 µ weight for ALS Minerals	> 250 µ weight	Comments	Original sample colour			Dry < 250 µ fraction colour			Fibrous matter	Organic matter	Sand	Silt	Clay	Other (particularities)
Nb analys:	146	(g)	(g)	(g)	(g)	(g)		Hue	Value	Chroma	Hue	Value	Chroma	(%)	(%)	(%)	(%)	(%)	
Count	Historic	1230	1232	1232	1233	1232								1230	1230	1230	1230	1230	
99 Percentile	Historic	1272,6	667,0	488,3	186,5	1052,0								20	40	88	80	90	
Average	Historic	651,6	240,2	84,6	153,4	411,1								3	2	34	27	34	
Std-Dev	Historic	236,2	141,8	109,0	18,1	241,4								5	7	25	18	28	
Coefficient var.	Historic	0,4	0,6	1,3	0,1	0,6								2	3	1	1	1	
Maximum	Historic	1993,6	3166,7	586,2	265,8	1478,1								50	80	94	90	99	
Minimum	Historic	106,2	56,4	6,2	20,0	2,1								0	0	0	0	0	
Count	Project	146	146	146	146	146								146	146	146	146	146	
Average	Project	648,5	316,5	168,7	147,8	328,7								2	2	55	27	15	
Mediane	Project	645,05	184,05	27,80	158,90	399,65								1,00	0,01	31,50	25,00	23,00	
Std. Dev.	Project	191,33	139,15	136,42	10,52	169,38								0,89	2,85	18,52	10,63	17,25	
Coefficient var.	Project	0,30	0,44	0,81	0,07	0,52								0,51	1,45	0,34	0,40	1,17	
Coefficient asy.	Project	0,47	8,18	2,05	-1,66	0,58								3,65	6,53	0,31	1,14	0,69	
Maximum	Project	1135,0	733,6	583,6	200,0	795,1								4	20	85	50	88	
Minimum	Project	184,0	110,0	10,0	95,0	26,8								1	0	4	5	0	
148780002	148740119	301,3	185,7	36,0	150,0	115,5		7,5 YR	6	1	7,5 YR	6	1	1	0	20	39	40	
148780003	148740037	477,6	216,6	66,1	150,0	260,2		7,5 YR	5	3	7,5 YR	5	4	3	1	71	20	5	Grosses roches.
148780004	148740057	563,8	267,8	117,8	150,0	295,3		10 YR	6	4	10 YR	7	4	3	0	67	30	0	
148780005	148740067	849,2	110,0	10,0	100,0	341,0	Perte de matériel, tamis tombé au sol.	10 YR	6	4	10 YR	6	4	3	0	80	17	0	
148780006	148740100	941,7	490,4	340,8	150,0	450,6		10 YR	6	4	10 YR	7	4	3	1	85	11	0	
148780007	148740083	621,1	448,2	298,2	150,0	171,1		10 YR	6	3	10 YR	5	3	1	0	40	29	30	
148780008	148740109	318,3	201,6	51,6	150,0	116,4		7,5 YR	5	1	7,5 YR	5	1	4	3	20	48	25	Grosses roches.
148780009	148740041	864,0	460,5	310,5	150,0	403,4		7,5 YR	5	3	7,5 YR	5	4	1	1	73	15	10	
148780010	148740027	573,3	241,6	91,6	150,0	331,6		7,5 YR	5	4	7,5 YR	6	4	4	1	80	10	5	
148780012	148740035	772,9	604,4	454,4	150,0	167,3		10 YR	7	4	7,5 YR	6	4	1	0	80	9	10	
148780013	148740094	702,6	409,2	259,2	150,0	293,3		10 YR	6	4	7,5 YR	6	4	1	0	70	24	5	
148780014	148740046	932,7	361,6	211,8	150,0	570,7		10 YR	5	4	10 YR	5	4	1	1	70	23	5	
148780015	148740085	580,0	413,6	263,6	150,0	166,3		10 YR	6	4	10 YR	6	4	1	1	55	33	10	
148780016	148740071	834,2	339,3	189,3	150,0	493,2		10 YR	6	4	10 YR	6	4	2	0	60	33	5	
148780017	148740014	927,8	406,7	256,7	150,0	520,6		10 YR	6	3	10 YR	6	3	1	0	60	34	5	
148780018	148740103	800,1	450,2	300,2	150,0	349,8		10 YR	5	4	10 YR	5	4	1	0	60	34	5	Grosses roches.
148780019	148740133	675,2	320,8	170,8	150,0	354,0		10 YR	6	4	10 YR	6	4	2	0	65	30	3	
148780020	148740141	740,6	181,0	31,0	150,0	559,1		10 YR	6	3	10 YR	6	4	2	0	65	30	3	
148780022	148740129	1041,8	286,4	136,3	150,1	754,8		10 YR	6	4	10 YR	6	4	2	1	65	29	3	Roches
148780023	148740039	701,7	533,2	383,2	150,0	168,1		10 YR	6	4	10 YR	6	4	1	0	70	24	5	
148780024	148740006	719,9	186,2	36,2	150,0	531,5		10 YR	6	3	10 YR	6	3	3	0	60	25	12	
148780025	148740101	607,8	464,0	314,0	150,0	143,4		10 YR	6	4	10 YR	6	6	2	0	58	30	10	
148780026	148740070	921,3	647,4	497,4	150,0	272,4		10 YR	6	4	10 YR	6	4	1	0	65	32	2	
148780027	148740060	684,8	435,8	285,5	150,0	248,7		10 YR	6	6	10 YR	6	6	3	0	65	32	0	
148780028	148740020	658,1	298,0	148,0	150,0	358,5		10 YR	5	4	10 YR	5	4	2	2	46	40	10	
148780029	148740089	332,9	182,0	32,0	150,0	150,7		10 YR	5	1	10 YR	5	1	2	6	41	41	10	Roches.
148780030	148740111	359,2	181,2	31,2	150,0	177,6		7,5 YR	6	1	7,5 YR	6	1	2	2	45	35	16	
148780032	148740032	500,7	156,1	36,1	120,0	344,0		7,5 YR	8	1	7,5 YR	8	1	1	0	60	19	20	Beaucoup de grosses roches.
148780033	148740028	693,3	513,9	363,8	150,1	178,7		7,5 YR	6	4	10 YR	7	4	2	1	65	27	5	
148780034	148740061	934,0	258,0	108,0	150,0	675,3		10 YR	6	4	10 YR	6	4	3	1	60	30	6	
148780035	148740077	794,2	189,7	49,7	140,0	604,1		10 YR	6	4	10 YR	6	4	2	0	60	33	5	
148780036	148740102	714,1	267,2	117,2	150,0	446,4		10 YR	5	4	10 YR	6	4	1	1	45	40	13	
148780037	148740048	897,1	514,8	364,8	150,0	381,4		10 YR	7	4	10 YR	7	4	1	1	50	35	13	
148780038	148740019	516,1	268,5	118,5	150,0	247,3		10 YR	6	4	10 YR	7	4	2	0	50	30	18	
148780039	148740092	629,6	453,2	303,2	150,0	176,2		10 YR	6	4	10 YR	7	4	1	1	60	30	8	
148780040	148740082	705,2	378,4	228,4	150,0	326,6		10 YR	7	2	10 YR	7	3	1	1	45	30	23	
148780042	148740075	818,6	507,7	357,7	150,0	310,8		10 YR	7	4	10 YR	7	4	1	1	55	38	5	
148780043	148740110	380,4	223,4	73,4	150,0	156,5	Beaucoup de roches.	7,5 YR	6	1	7,5 YR	5	1	1	4	35	30	30	
148780044	148740128	661,4	134,2	34,2	100,0	527,0	Beaucoup de roches.	7,5 YR	6	4	7,5 YR	6	4	1	2	55	35	7	Beaucoup de roches.
148780045	148740135	1059,7	610,8	460,8	150,0	448,5		10 YR	6	4	10 YR	7	4	3	1	60	30	6	
148780046	148740097	690,5	260,8	110,8	150,0	429,4		7,5 YR	6	4	7,5 YR	6	4	4	1	50	40	5	
148780047	148740076	750,6	365,5	215,5	150,0	384,6		10 YR	7	4	10 YR	7	4	2	2	50	40	6	
148780048	148740064	756,1	232,3	82,3	150,0	523,3		10 YR	6	3	10 YR	6	3	2	2	48	40	8	
148780049	148740033	622,0	267,6	117,6	150,0	353,7		10 YR	6	4	10 YR	6	4	1	1	45	35	18	
148780050	148740003	736,5	582,3	432,3	150,0	153,4		7,5 YR	6	3	7,5 YR	6	4	2	2	45	30	21	
148780052	148740124	331,8	193,8	43,8	150,0	137,1		5 GY	7	1	5 GY	7	1	2	3	10	25	60	
148780053	148740013	690,3	205,4	55,4	150,0	484,6		5 YR	4	4	5 YR	4	4	2	2	80	14	2	
148780054	148740134	655,6	535,6	385,6	150,0	119,8		10 YR	6	6	10 YR	6	6	1	1	60	30	8	
148780055	148740036	598,9	247,8	97,8	150,0	350,7		7,5 YR	7	3	7,5 YR	7	4	1	1	45	30	23	
148780056	148740065	767,7	236,0	86,0	150,0	531,3		7,5 YR	6	4	7,5 YR	6	4	4	2	49	40	5	
148780057	148740126	577,5	235,3	85,3	150,0	341,8		7,5 YR	6	4	7,5 YR	6	6	2	1	50	35	12	
148780058	148740042	940,9	599,9	449,8	150,0	339,8		2,5 YR	6	2	2,5 YR	6	2	1	1	60	30	8	
148780059	148740062	759,6	287,9	137,9	150,0	471,0		7,5 YR	6	4	7,5 YR	6	4	3	1	50	40	6	
148780060	148740132	861,7	561,1	411,1	150,0	300,3		10 YR	6	3	10 YR	6	3	1	1	65	25	8	

FIELD SAMPLI			WEIGHT MEASUREMENTS					ENVIRONMENTAL PARAMETERS						
PROJECT	ANALYSIS NUMBER	FIELD NUMBER	INITIAL WEIGHT WITH BAG	SOIL FOR pH MEASURE	VOLUME OF WATER	SOIL WITH DEMINERALIZED WATER	COMMENTS	pH	pH WITH 0.5 ml HCl 1 N	CONDUCTIVITY	CONDUCTIVITY TEMPERATURE	Eh	TEMPERATURE Eh (˚C)	COMMENTS
	Nb analys:	146	(g)	(g)	(ml)	(g)				(µS/cm)	(°C)	(mV)		
Count	Count	Historic	1232	1232	1232	1232		1232	1231	1232	1232	1232	1232	
99 Percentile	99 Percentile	Historic	1538,5	20,5	10,0	30,5		7,23	5,01	348	26,3	397	26,3	
Average	Average	Historic	845,5	20,0	10,0	30,0		5,56	2,40	60	20,3	215	20,6	
Std-Dev	Std-Dev	Historic	255,0	0,2	0,0	0,2		0,68	0,87	70	3,0	84	2,9	
Coefficient var.	Coefficient var.	Historic	0,3	0,0	0,0	0,0		0,12	0,36	1	0,1	0	0,1	
Maximum	Maximum	Historic	2324,4	20,6	10,0	30,8		7,82	5,77	1269	27,8	428	26,6	
Minimum	Minimum	Historic	259,1	19,4	10,0	29,2		3,10	0,91	1	13,3	-480	14,6	
Count	Count	Project	146	146	146	146		146	146	146	146	146	146	
Average	Average	Project	827,2	20,0	10,0	30,0		5,73	2,29	121	16,0	210,19	17,7	
Mediane	Mediane	Project						5,50	2,17	42,00	20,50	210,00	20,60	
Std. Dev.	Std. Dev.	Project	199,3	0,0	0,0	0,0		0,61	0,76	95,28	0,72	86,92	0,71	
Coefficient var.	Coefficient var.	Project	0,2	0,0	0,0	0,0		0,11	0,33	0,79	0,04	0,41	0,04	
Coefficient asy.	Coefficient asy.	Project						0,26	1,30	6,63	-0,03	-0,19	0,06	
Maximum	Maximum	Project	1294,2	20,2	10,0	30,2		7,02	5,77	656	17,6	343,00	19,4	
Minimum	Minimum	Project	347,2	19,9	10,0	29,8		4,57	1,49	16	13,3	-480,00	15,4	
1487	148780062	148740050	1294,2	20,0	10,0	30,0		5,03	1,69	166	16,1	269	17,8	
1487	148780063	148740068	988,1	20,0	10,0	30,0		5,21	1,96	117	15,7	307	17,6	
1487	148780064	148740017	772,0	19,9	10,0	29,9		5,22	1,91	81	15,5	271	17,1	
1487	148780065	148740084	656,0	20,0	10,0	30,0		5,70	2,05	77	16,0	244	17,6	
1487	148780066	148740107	636,2	20,0	10,0	30,0		6,16	3,21	415	16,5	170	18,1	
1487	148780067	148740086	751,1	20,0	10,0	30,0		5,69	2,10	80	15,8	247	17,3	
1487	148780068	148740044	868,5	20,0	10,0	30,0		5,38	1,72	96	17,0	253	19,4	
1487	148780069	148740127	878,3	20,0	10,0	30,0	Repris aliquot.	6,34	2,35	34	16,3	162	17,5	Reprise des mesures.
1487	148780070	148740053	781,9	20,0	10,0	30,0		4,96	2,00	179	15,9	231	18,0	
1487	148780072	148740034	785,8	20,0	10,0	30,0		5,52	2,17	90	17,0	126	18,8	
1487	148780073	148740018	640,9	20,1	10,0	30,1		4,92	2,06	107	15,4	279	17,1	
1487	148780074	148740098	1095,9	20,0	10,0	30,0		5,96	1,97	108	15,8	254	17,4	
1487	148780075	148740008	713,9	20,0	10,0	30,0		5,18	1,90	135	15,3	213	16,9	
1487	148780076	148740118	1074,0	20,0	10,0	30,0		6,37	2,50	89	15,9	62	17,6	
1487	148780077	148740040	642,5	20,0	10,0	30,0		5,00	2,11	154	16,7	189	18,5	
1487	148780078	148740007	706,9	20,0	10,0	30,0		4,77	1,82	153	15,2	195	17,1	
1487	148780079	148740147	879,6	20,0	10,0	30,0		5,75	1,75	62	16,3	276	17,8	
1487	148780080	148740004	504,6	20,0	10,0	30,0		4,98	1,88	148	15,0	184	16,8	
1487	148780082	148740095	696,3	20,0	10,0	30,0		6,08	1,64	44	16,1	254	17,5	
1487	148780083	148740055	765,7	20,0	10,0	30,1		5,11	1,87	51	16,0	232	18,1	
1487	148780084	148740079	596,5	20,0	10,0	30,0		5,65	1,94	91	17,1	320	18,8	
1487	148780085	148740143	1077,9	20,0	10,0	30,0		5,99	2,31	83	16,2	234	18,4	
1487	148780086	148740136	913,6	20,0	10,0	30,0	Repris aliquot.	6,19	4,15	400	16,1	169	18,1	
1487	148780087	148740038	760,0	20,0	10,0	30,0		5,07	2,10	80	16,8	172	18,6	
1487	148780088	148740096	822,1	20,1	10,0	30,1		5,97	1,78	58	16,1	246	17,9	
1487	148780089	148740120	413,6	20,0	10,0	30,0		6,53	4,95	185	15,9	55	17,3	
1487	148780090	148740051	883,2	20,0	10,0	30,0		6,33	1,73	58	16,4	177	18,2	
1487	148780092	148740073	484,3	20,0	10,0	30,0		5,74	2,10	76	16,9	309	18,7	
1487	148780093	148740026	766,9	20,0	10,0	30,0		5,38	2,24	90	16,1	179	17,6	
1487	148780094	148740105	379,7	20,0	10,0	30,0		5,83	3,09	123	16,1	138	18,1	
1487	148780095	148740088	786,1	20,0	10,0	30,0		5,46	1,96	105	15,8	254	17,7	
1487	148780096	148740005	750,3	20,0	10,0	30,0		4,78	2,76	218	15,2	143	16,9	
1487	148780097	148740080	733,2	20,0	10,0	30,0		5,84	1,92	53	17,1	303	18,8	
1487	148780098	148740072	1035,2	20,0	10,0	30,0		5,06	1,66	91	16,9	315	18,7	
1487	148780099	148740054	586,8	20,0	10,0	30,0		5,36	2,08	44	16,1	217	18,0	
1487	148780100	148740087	642,8	20,0	10,0	30,0		5,39	2,48	83	15,8	266	17,6	
1487	148780102	148740117	982,4	20,0	10,0	30,0		6,51	2,43	107	15,9	88	17,6	
1487	148780103	148740016	634,7	20,2	10,0	30,2		5,03	2,15	107	15,5	270	17,4	
1487	148780104	148740025	1009,6	20,0	10,0	30,0		5,57	2,22	198	15,8	185	17,7	
1487	148780105	148740145	984,6	20,0	10,0	30,0		5,86	2,31	16	16,5	225	18,2	
1487	148780106	148740090	1032,3	20,1	10,0	30,1		5,86	1,79	71	16,0	222	17,3	
1487	148780107	148740144	758,7	20,0	10,0	30,0		6,12	1,88	61	16,5	240	18,2	
1487	148780108	148740024	809,9	19,9	10,0	29,9		5,96	1,89	61	16,0	220	17,6	
1487	148780109	148740091	1041,0	20,0	10,0	30,0		5,80	1,68	163	16,2	260	17,0	
1487	148780110	148740069	947,5	20,0	10,0	30,0	Repris aliquot.	5,60	1,75	113	16,0	296	17,9	Reprise desmesures de pH.
1487	148780112	148740031	868,6	20,0	10,0	30,0		5,09	2,24	75	17,4	178	19,3	
1487	148780113	148740122	1025,1	20,0	10,0	30,0		6,42	2,11	56	15,5	155	17,2	
1487	148780114	148740059	765,3	20,0	10,0	30,0		5,16	1,68	96	15,5	260	16,9	
1487	148780115	148740112	530,2	20,0	10,0	30,0		6,29	4,01	307	16,3	104	18,1	
1487	148780116	148740081	581,3	20,0	10,0	30,0		5,47	2,50	79	15,8	210	16,9	
1487	148780117	148740001	827,0	20,0	10,0	30,0		6,94	2,28	221	15,5	231	17,2	
1487	148780118	148740058	794,3	20,0	10,0	30,0		4,94	1,78	49	15,6	251	17,1	
1487	148780119	148740115	1247,8	20,1	10,0	30,1		6,49	3,37	152	15,6	92	17,0	
1487	148780120	148740022	894,4	20,0	10,0	30,0		6,79	2,00	137	15,3	176	16,7	

		SAMPLE PREPARATION						SAMPLE DESCRIPTION											
ANALYSIS NUMBER	FIELD NUMBER	Initial weight	0-250 µ weight	LOI aliquot 0-250 µ weight	0-250 µ weight for ALS Minerals	> 250 µ weight	Comments	Original sample colour			Dry < 250 µ fraction colour			Fibrous matter	Organic matter	Sand	Silt	Clay	Other (particularities)
Nb analys:	146	(g)	(g)	(g)	(g)	(g)		Hue	Value	Chroma	Hue	Value	Chroma	(%)	(%)	(%)	(%)	(%)	
Count	Historic	1230	1232	1232	1233	1232								1230	1230	1230	1230	1230	
99 Percentile	Historic	1272,6	667,0	488,3	186,5	1052,0								20	40	88	80	90	
Average	Historic	651,6	240,2	84,6	153,4	411,1								3	2	34	27	34	
Std-Dev	Historic	236,2	141,8	109,0	18,1	241,4								5	7	25	18	28	
Coefficient var.	Historic	0,4	0,6	1,3	0,1	0,6								2	3	1	1	1	
Maximum	Historic	1993,6	3166,7	586,2	265,8	1478,1								50	80	94	90	99	
Minimum	Historic	106,2	56,4	6,2	20,0	2,1								0	0	0	0	0	
Count	Project	146	146	146	146	146								146	146	146	146	146	
Average	Project	648,5	316,5	168,7	147,8	328,7								2	2	55	27	15	
Mediane	Project	645,05	184,05	27,80	158,90	399,65								1,00	0,01	31,50	25,00	23,00	
Std. Dev.	Project	191,33	139,15	136,42	10,52	169,38								0,89	2,85	18,52	10,63	17,25	
Coefficient var.	Project	0,30	0,44	0,81	0,07	0,52								0,51	1,45	0,34	0,40	1,17	
Coefficient asy.	Project	0,47	8,18	2,05	-1,66	0,58								3,65	6,53	0,31	1,14	0,69	
Maximum	Project	1135,0	733,6	583,6	200,0	795,1								4	20	85	50	88	
Minimum	Project	184,0	110,0	10,0	95,0	26,8								1	0	4	5	0	
148780062	148740050	1135,0	339,4	189,4	150,0	795,1		10 YR	6	4	10 YR	6	4	1	1	50	40	8	
148780063	148740068	825,3	684,0	534,0	150,0	141,0		10 YR	6	4	10 YR	7	4	1	1	45	40	13	
148780064	148740017	604,7	481,6	331,6	150,0	123,0		10 YR	6	4	10 YR	6	4	2	1	60	30	7	
148780065	148740084	503,8	216,4	66,4	150,0	287,0		10 YR	5	6	10 YR	10	5	2	1	75	15	7	
148780066	148740107	420,6	248,6	98,6	150,0	171,6		5 GY	5	1	5 GY	5	1	1	4	10	25	60	
148780067	148740086	600,2	262,2	112,2	150,0	337,6		7,5 YR	5	4	7,5 YR	5	4	2	1	60	30	7	
148780068	148740044	763,4	190,9	40,9	150,0	572,5		7,5 YR	5	4	7,5 YR	5	4	1	1	60	30	8	
148780069	148740127	650,4	208,3	58,3	150,0	440,1	Volatile.	10 YR	6	3	10 YR	6	3	1	1	10	8	80	
148780070	148740053	641,8	455,8	305,8	150,0	185,3		10 YR	6	4	10 YR	6	4	2	2	46	43	7	
148780072	148740034	610,2	305,1	155,1	150,0	304,8		10 YR	6	4	10 YR	6	4	2	4	46	40	8	
148780073	148740018	457,3	278,9	128,9	150,0	178,3		10 YR	6	3	10 YR	6	4	3	3	40	40	14	
148780074	148740098	898,1	581,1	431,1	150,0	316,8		10 YR	6	4	10 YR	7	4	1	1	60	30	8	
148780075	148740008	583,5	250,5	100,5	150,0	332,5		10 YR	6	4	10 YR	6	4	1	1	60	30	8	
148780076	148740118	820,8	208,5	58,5	150,0	611,6		7,5 YR	8	2	7,5 YR	8	2	1	0	9	10	80	Beaucoup de roches.
148780077	148740040	509,0	457,8	307,8	150,0	51,0		10 YR	7	4	10 YR	7	4	2	1	45	45	7	
148780078	148740007	567,6	250,0	100,0	150,0	317,1		5 YR	6	4	5 YR	6	3	3	2	50	33	12	
148780079	148740147	740,0	361,6	211,6	150,0	377,9		10 YR	6	4	10 YR	6	4	2	1	60	30	7	
148780080	148740004	363,8	133,3	33,3	100,0	227,5	Même au mélangeur quantité insuffissante, blender à cassé.	10 YR	5	4	10 YR	5	4	2	3	45	45	5	
148780082	148740095	606,8	158,2	38,2	120,0	447,8		10 YR	6	4	10 YR	6	4	1	1	50	42	6	
148780083	148740055	601,4	265,3	115,3	150,0	335,8		7,5 YR	7	3	7,5 YR	7	4	1	1	45	35	18	
148780084	148740079	498,4	471,5	321,5	150,0	26,8		10 YR	7	4	10 YR	7	4	1	1	70	20	8	
148780085	148740143	871,4	232,2	82,2	150,0	638,2		10 YR	6	4	10 YR	7	4	3	3	60	22	12	
148780086	148740136	621,3	517,9	367,9	150,0	103,1		10 YR	6	1	10 YR	7	1	3	4	20	40	33	
148780087	148740038	592,3	195,4	45,4	150,0	396,1		10 YR	6	4	10 YR	6	4	4	4	50	24	18	
148780088	148740096	708,0	374,2	224,2	150,0	333,7		10 YR	6	4	10 YR	7	4	1	1	70	23	5	
148780089	148740120	261,6	174,0	30,0	144,0	87,2		7,5 YR	8	1	7,5 YR	8	1	1	1	4	14	80	
148780090	148740051	759,1	319,6	169,6	150,0	439,2		7,5 YR	6	4	7,5 YR	6	4	2	4	75	11	8	
148780092	148740073	338,6	193,4	43,4	150,0	145,0		10 YR	6	4	10 YR	6	4	3	1	60	20	16	
148780093	148740026	513,3	203,8	53,8	150,0	310,8	Revérifié poids sacs, recalibré balance.	10 YR	6	4	10 YR	6	4	1	1	40	18	40	
148780094	148740105	227,0	170,4	30,3	140,0	55,4		5 GY	6	1	5 GY	6	1	1	4	5	30	60	
148780095	148740088	620,9	577,2	427,2	150,0	43,4		10 YR	7	4	10 YR	7	4	1	1	45	30	23	
148780096	148740005	515,5	178,2	28,2	150,0	335,9	Grosses roches.	10 YR	5	2	10 YR	5	4	1	2	40	30	27	
148780097	148740080	616,7	501,1	351,1	150,0	115,4		10 YR	7	4	10 YR	7	4	1	2	30	40	27	
148780098	148740072	936,0	270,3	120,2	150,0	665,8		10 YR	6	4	10 YR	7	4	2	1	80	15	2	
148780099	148740054	465,5	201,1	51,1	150,0	264,2		10 YR	6	4	10 YR	6	4	2	1	80	15	2	
148780100	148740087	459,7	199,8	49,8	150,0	259,2	Tamis brisé.	10 YR	5	2	10 YR	5	2	3	3	30	40	24	
148780102	148740117	688,3	452,0	302,0	150,0	234,6		10 YR	7	3	10 YR	7	3	1	1	45	50	3	
148780103	148740016	467,3	212,3	62,3	150,0	254,5		10 YR	6	4	10 YR	6	6	1	1	45	50	3	
148780104	148740025	754,2	288,0	138,0	150,0	464,0	Matière volatiles.	2,5 Y	8	2	2,5 Y	8	2	1	1	18	10	70	
148780105	148740145	829,3	323,8	173,8	150,0	504,6		10 YR	6	4	10 YR	6	4	1	1	80	12	6	
148780106	148740090	771,5	336,2	186,3	150,0	434,7		7,5 YR	6	3	7,5 YR	7	4	1	1	50	30	18	
148780107	148740144	612,9	180,6	30,6	150,0	431,6		10 YR	6	3	10 YR	7	3	2	5	60	25	8	
148780108	148740024	584,8	287,5	137,5	150,0	297,0		10 YR	8	2	10 YR	8	2	1	1	5	5	88	
148780109	148740091	919,4	531,5	381,5	150,0	387,8		10 YR	7	4	10 YR	7	4	1	1	83	10	5	
148780110	148740069	787,3	733,6	583,6	150,0	53,3		10 YR	7	4	10 YR	7	4	4	3	40	30	23	
148780112	148740031	595,4	439,1	289,1	150,0	155,2		10 YR	6	1	10 YR	6	1	1	1	28	40	30	
148780113	148740122	746,1	201,1	51,1	150,0	544,3		10 YR	6	1	10 YR	6	1	1	1	30	30	38	Beaucoup de roches.
148780114	148740059	679,8	180,0	30,0	150,0	498,8		10 YR	6	4	10 YR	7	4	1	1	83	13	2	
148780115	148740112	303,7	155,0	30,0	125,0	147,9		10 YR	5	1	10 YR	5	1	2	15	50	30	3	
148780116	148740081	465,1	303,8	153,8	150,0	161,3		7,5 YR	6	4	7,5 YR	6	6	3	2	50	37	8	
148780117	148740001	709,1	337,3	187,3	150,0	371,1		10 YR	6	4	10 YR	6	4	1	1	50	40	8	
148780118	148740058	658,0	319,1	169,1	150,0	338,5		10 YR	6	4	10 YR	6	4	1	1	50	40	8	
148780119	148740115	929,9	180,5	30,5	150,0	748,2		5 GY	6	1	5 GY	6	1	1	0	80	14	5	Gravier, grosse roches.
148780120	148740022	729,9	253,2	100,5	150,0	467,6	Poids vérifié 2 fois, erreur probable sur le poids initial.	7,5 YR	6	4	7,5 YR	6	6	2	2	54	30	12	

FIELD SAMPLI			WEIGHT MEASUREMENTS					ENVIRONMENTAL PARAMETERS						
PROJECT	ANALYSIS NUMBER	FIELD NUMBER	INITIAL WEIGHT WITH BAG	SOIL FOR pH MEASURE	VOLUME OF WATER	SOIL WITH DEMINERALIZED WATER	COMMENTS	pH	pH WITH 0.5 ml HCl 1 N	CONDUCTIVITY	CONDUCTIVITY TEMPERATURE	Eh	TEMPERATURE Eh (˚C)	COMMENTS
	Nb analys:	146	(g)	(g)	(ml)	(g)				(µS/cm)	(°C)	(mV)		
Count	Count	Historic	1232	1232	1232	1232		1232	1231	1232	1232	1232	1232	
99 Percentile	99 Percentile	Historic	1538,5	20,5	10,0	30,5		7,23	5,01	348	26,3	397	26,3	
Average	Average	Historic	845,5	20,0	10,0	30,0		5,56	2,40	60	20,3	215	20,6	
Std-Dev	Std-Dev	Historic	255,0	0,2	0,0	0,2		0,68	0,87	70	3,0	84	2,9	
Coefficient var.	Coefficient var.	Historic	0,3	0,0	0,0	0,0		0,12	0,36	1	0,1	0	0,1	
Maximum	Maximum	Historic	2324,4	20,6	10,0	30,8		7,82	5,77	1269	27,8	428	26,6	
Minimum	Minimum	Historic	259,1	19,4	10,0	29,2		3,10	0,91	1	13,3	-480	14,6	
Count	Count	Project	146	146	146	146		146	146	146	146	146	146	
Average	Average	Project	827,2	20,0	10,0	30,0		5,73	2,29	121	16,0	210,19	17,7	
Mediane	Mediane	Project						5,50	2,17	42,00	20,50	210,00	20,60	
Std. Dev.	Std. Dev.	Project	199,3	0,0	0,0	0,0		0,61	0,76	95,28	0,72	86,92	0,71	
Coefficient var.	Coefficient var.	Project	0,2	0,0	0,0	0,0		0,11	0,33	0,79	0,04	0,41	0,04	
Coefficient asy.	Coefficient asy.	Project						0,26	1,30	6,63	-0,03	-0,19	0,06	
Maximum	Maximum	Project	1294,2	20,2	10,0	30,2		7,02	5,77	656	17,6	343,00	19,4	
Minimum	Minimum	Project	347,2	19,9	10,0	29,8		4,57	1,49	16	13,3	-480,00	15,4	
1487	148780122	148740056	778,9	20,0	10,0	30,0		4,98	1,79	103	16,3	247	17,8	
1487	148780123	148740002	607,0	20,0	10,0	30,1		4,93	3,11	227	15,5	239	17,1	
1487	148780124	148740108	626,7	19,9	10,0	29,9		6,37	2,50	223	16,5	131	18,2	
1487	148780125	148740011	902,2	20,1	10,0	30,1		6,24	1,98	49	15,3	191	16,6	
1487	148780126	148740047	1007,7	20,0	10,0	30,0		4,93	1,55	62	16,7	261	18,3	
1487	148780127	148740104	551,6	20,0	10,0	30,0		5,45	3,89	219	16,3	145	18,0	
1487	148780128	148740066	1140,1	20,0	10,0	30,0		4,88	1,97	135	15,2	323	17,1	
1487	148780129	148740093	1057,2	20,0	10,0	30,0		6,07	2,39	74	15,9	253	17,8	
1487	148780130	148740078	690,5	20,0	10,0	30,0		5,98	1,98	18	17,0	299	18,8	
1487	148780132	148740099	831,5	20,0	10,0	30,0		6,08	2,02	64	15,6	252	17,6	
1487	148780133	148740045	1084,4	20,0	10,0	30,1		5,30	2,02	39	16,9	181	18,6	
1487	148780134	148740139	841,6	20,1	10,0	30,1		7,02	1,49	44	16,2	145	17,8	
1487	148780135	148740015	658,5	20,0	10,0	30,0		5,17	1,70	65	15,4	264	17,2	
1487	148780136	148740131	960,9	20,0	10,0	30,0	Repris aliquot.	6,27	1,86	27	16,0	174	17,3	
1487	148780137	148740023	739,0	20,0	10,0	30,0		6,50	2,20	331	15,9	226	17,7	
1487	148780138	148740116	1203,4	20,1	10,0	30,1		6,60	2,97	82	15,8	78	17,6	
1487	148780139	148740063	1029,8	20,0	10,0	30,0		5,19	1,89	68	14,0	317	16,1	
1487	148780140	148740021	808,5	20,0	10,0	30,0		6,45	4,60	426	15,1	204	16,9	
1487	148780142	148740049	1079,5	20,0	10,0	30,0		5,11	1,70	58	16,5	255	17,9	
1487	148780143	148740138	841,6	20,0	10,0	30,0		6,88	1,69	39	16,4	164	18,0	
1487	148780144	148740052	742,2	20,0	10,0	30,0		4,84	2,68	48	16,2	222	18,0	
1487	148780145	148740146	807,1	20,0	10,0	30,0		5,79	2,04	44	16,1	270	17,7	
1487	148780146	148740012	784,6	20,0	10,0	30,0		6,48	1,65	199	14,5	222	16,9	
1487	148780147	148740114	578,6	20,0	10,0	30,0		6,40	4,01	252	16,3	114	17,6	
1487	148780148	148740106	347,2	20,1	10,0	30,1		5,57	2,99	110	16,3	157	18,1	
1487	148780149	148740125	460,7	20,0	10,0	30,0		6,57	3,64	229	15,6	141	17,5	
1487	148780150	148740043	678,5	20,0	10,0	30,0		5,56	2,40	77	17,6	232	19,4	
1487	148780152	148740140	544,1	20,0	10,0	30,0		6,26	1,49	81	16,3	225	18,1	
1487	148780153	148740010	803,7	20,0	10,0	30,0	Repris aliquot.	6,67	5,77	263	15,6	210	16,9	Repris pH et pH avec acide.
1487	148780154	148740137	759,0	20,0	10,0	30,0	Repris aliquot.	6,98	2,07	30	16,5	146	18,2	
1487	148780155	148740074	812,9	20,0	10,0	29,8		5,32	2,26	165	17,1	321	18,8	
1487	148780156	148740113	741,2	20,0	10,0	30,0		6,35	4,75	355	16,5	91	18,2	
1487	148780157	148740121	485,9	20,0	10,0	30,0		6,61	3,90	163	15,7	123	17,5	
1487	148780158	148740009	705,0	20,0	10,0	30,0		4,57	2,98	78	15,1	189	17,1	
1487	148780159	148740142	643,2	20,0	10,0	30,0		6,14	1,75	21	16,5	235	17,9	
1487	148780160	148740029	786,3	20,0	10,0	30,0		5,25	2,16	56	15,4	189	17,3	
1487	148780162	148740123	487,0	20,2	10,0	30,2		6,19	2,84	80	15,1	138	16,7	
1487	148780163	148740030	1142,8	20,0	10,0	30,0		5,44	2,15	234	15,6	191	17,3	

		SAMPLE PREPARATION						SAMPLE DESCRIPTION											
ANALYSIS NUMBER	FIELD NUMBER	Initial weight	0-250 µ weight	LOI aliquot 0-250 µ weight	0-250 µ weight for ALS Minerals	> 250 µ weight	Comments	Original sample colour			Dry < 250 µ fraction colour			Fibrous matter	Organic matter	Sand	Silt	Clay	Other (particularities)
Nb analys:	146	(g)	(g)	(g)	(g)	(g)		Hue	Value	Chroma	Hue	Value	Chroma	(%)	(%)	(%)	(%)	(%)	
Count	Historic	1230	1232	1232	1233	1232								1230	1230	1230	1230	1230	
99 Percentile	Historic	1272,6	667,0	488,3	186,5	1052,0								20	40	88	80	90	
Average	Historic	651,6	240,2	84,6	153,4	411,1								3	2	34	27	34	
Std-Dev	Historic	236,2	141,8	109,0	18,1	241,4								5	7	25	18	28	
Coefficient var.	Historic	0,4	0,6	1,3	0,1	0,6								2	3	1	1	1	
Maximum	Historic	1993,6	3166,7	586,2	265,8	1478,1								50	80	94	90	99	
Minimum	Historic	106,2	56,4	6,2	20,0	2,1								0	0	0	0	0	
Count	Project	146	146	146	146	146								146	146	146	146	146	
Average	Project	648,5	316,5	168,7	147,8	328,7								2	2	55	27	15	
Mediane	Project	645,05	184,05	27,80	158,90	399,65								1,00	0,01	31,50	25,00	23,00	
Std. Dev.	Project	191,33	139,15	136,42	10,52	169,38								0,89	2,85	18,52	10,63	17,25	
Coefficient var.	Project	0,30	0,44	0,81	0,07	0,52								0,51	1,45	0,34	0,40	1,17	
Coefficient asy.	Project	0,47	8,18	2,05	-1,66	0,58								3,65	6,53	0,31	1,14	0,69	
Maximum	Project	1135,0	733,6	583,6	200,0	795,1								4	20	85	50	88	
Minimum	Project	184,0	110,0	10,0	95,0	26,8								1	0	4	5	0	
148780122	148740056	613,3	326,7	176,7	150,0	285,7		7,5 YR	8	2	7,5 YR	8	3	2	1	40	25	32	
148780123	148740002	414,8	199,6	49,6	150,0	215,0		7,5 YR	5	6	7,5 YR	5	6	4	3	50	26	17	
148780124	148740108	434,5	193,4	43,4	150,0	240,8		5 GY	6	1	10 YR	6	1	1	2	50	42	5	
148780125	148740011	758,2	279,6	129,6	150,0	478,0		10 YR	6	4	10 YR	7	6	2	3	75	15	5	
148780126	148740047	906,2	115,7	20,7	95,0	788,8	Quantité insuffisant même après mélangeur.	10 YR	7	3	10 YR	6	3	1	1	80	15	3	Beaucoup de roches.
148780127	148740104	315,7	181,2	31,2	150,0	133,8		10 YR	5	1	10 YR	4	1	4	15	49	30	2	
148780128	148740066	955,5	688,2	538,2	150,0	266,5		10 YR	7	4	10 YR	7	6	1	1	70	20	8	
148780129	148740093	883,6	385,9	235,9	150,0	496,7		10 YR	7	4	10 YR	7	6	2	1	50	29	18	
148780130	148740078	564,6	393,4	243,4	150,0	170,6		10 YR	7	4	10 YR	7	4	2	1	45	25	27	
148780132	148740099	664,6	454,5	304,5	150,0	209,3		10 YR	7	4	10 YR	7	6	2	2	70	18	8	
148780133	148740045	867,5	424,1	274,1	150,0	443,1		7,5 YR	6	4	7,5 YR	6	4	2	3	70	17	8	
148780134	148740139	718,0	166,5	26,5	140,0	550,4		10 YR	6	3	10 YR	6	3	1	2	80	10	7	
148780135	148740015	493,9	250,1	100,1	150,0	243,6		7,5 YR	7	4	10 YR	7	4	2	1	60	22	15	
148780136	148740131	776,0	265,5	115,5	150,0	509,8		7,5 YR	7	4	7,5 YR	6	6	1	1	70	22	6	
148780137	148740023	587,0	322,4	172,4	150,0	264,7		10 YR	6	4	10 YR	6	6	1	1	60	20	18	
148780138	148740116	940,8	469,0	319,0	150,0	471,4		10 YR	7	1	10 YR	7	1	1	0	18	11	70	
148780139	148740063	910,1	253,3	103,3	150,0	656,6		10 YR	6	4	10 YR	6	4	2	8	70	15	5	Beaucoup de roches.
148780140	148740021	523,2	188,5	38,5	150,0	334,4		10 YR	5	1				1	5	80	12	2	
148780142	148740049	929,1	376,4	226,5	149,9	552,4		10 YR	6	4	10 YR	7	4	1	1	75	15	8	
148780143	148740138	731,9	437,0	287,0	150,0	294,6		10 YR	6	4	10 YR	7	4	1	2	75	16	6	
148780144	148740052	467,7	184,0	34,0	150,0	283,0		10 YR	4	4	10 YR	4	4	3	8	40	35	14	
148780145	148740146	687,1	207,4	57,4	150,0	480,0		10 YR	6	4	10 YR	6	4	2	1	85	7	5	
148780146	148740012	692,1	316,7	166,7	150,0	375,3		10 YR	6	6	10 YR	6	6	1	2	85	7	5	
148780147	148740114	357,6	162,1	27,1	135,0	195,1	Utilisé le mortier pour récupérer le plus possible.	7,5 YR	5	1	7,5 YR	4	1	1	12	65	10	12	
148780148	148740106	184,0	143,0	20,0	123,0	40,5		7,5 YR	5	1	7,5 YR	5	1	1	12	65	17	5	
148780149	148740125	313,1	241,5	91,6	149,9	71,0		7,5 YR	7	1	7,5 YR	7	2	1	0	85	10	4	Beaucoup de roches.
148780150	148740043	529,6	279,4	129,4	150,0	250,3		10 YR	5	4	10 YR	6	6	2	1	70	18	9	
148780152	148740140	427,4	193,1	43,1	150,0	234,0		10 YR	7	3	10 YR	7	3	3	3	75	13	6	
148780153	148740010	549,6	205,0	55,0	150,0	344,0		10 YR	7	1	10 YR	8	1	1	1	80	14	4	Beaucoup de roches.
148780154	148740137	639,6	368,3	218,3	150,0	270,8		10 YR	6	4	10 YR	6	4	2	1	65	19	13	
148780155	148740074	636,5	210,1	60,1	150,0	426,2		10 YR	6	4	10 YR	7	4	2	1	60	20	17	
148780156	148740113	473,5	276,0	126,0	150,0	197,4		10 YR	6	1	10 YR	7	4	2	20	40	15	23	
148780157	148740121	293,8	171,6	26,6	145,0	121,5	Réduit les agglomérations avec le mortier.	10 YR	5	1	10 YR	5	1	1	0	64	30	5	Beaucoup de roches.
148780158	148740009	499,4	327,7	177,7	150,0	171,7		5 YR	5	6	5 YR	5	6	2	4	65	15	14	
148780159	148740142	518,3	231,4	81,4	150,0	286,7		10 YR	6	3	10 YR	6	3	3	2	55	28	12	
148780160	148740029	598,7	250,7	50,7	200,0	348,0		10 YR	6	4	10 YR	6	4	2	3	50	29	16	
148780162	148740123	329,6	229,0	79,0	150,0	99,6	Réduit les agglomérations au mélangeur.	7,5 YR	6	1	7,5 YR	6	1	1	1	58	30	10	Beaucoup de roches.
148780163	148740030	799,6	393,7	243,7	150,0	405,4		7,5 YR	6	3	7,5 YR	6	4	2	2	40	16	40	

APPENDIX 3

SAMPLES ANALYSIS

Table 1: Hand-held X-ray fluorescence spectrometer analysis (IOS)
Table 2: Loss on ignition analysis (IOS)

XRF ANALYSIS (IOS)

Dried and sieved samples were first analyzed by IOS with a portable X-Ray fluorescence spectrometer (Olympus Vanta VMR). The XRF measure the abundance of a vast series of elements, dominantly the transition metals. The material for X-Ray fluorescence analysis is the same as submitted for chemical analysis, < 250 µm. Approximately 1 cm^3 of the material is sufficient. A 90 seconds reading was acquired per analysis using the "Geochem (3-Beam) mode" according to Rousseau's fundamental algorithm for major elements and Compton normalization for trace metals, using factory calibration. Results were provided in ***appendix 3***, ***table 1*** quality control in ***appendix 4*** and certificates in ***appendix 6***, ***table 1***. Calibrations were tested every day and blank material was analyzed for quality control. XRF analyses are total determination, providing the abundance of the various elements regardless of their speciation. Numerous issues and limitations are related to this analytical method, and results must be handled with caution.

LOSS ON IGNITION (IOS)

Loss on ignition (LOI) is widely used as a proxy of the organic matter content. Loss on ignition is performed on approximately 5.3-30.8 g of material finer than 250 microns for B-horizon samples. To measure the LOI, the material is placed in porcelain crucibles, previously dried and weighed. The material is then pre-dryed in a temperature-controlled oven. Following the pre-drying, the crucible with the material is weighed before and after the calcination in the Lindberg/Blue electric furnace. All weights are taken with an OHAUS Pioneer electronic scale with a precision of 0.0001 g. The estimated percentage of organic matter (OM) is achieved by calcination (LOI or PAF% MO) at 700 °C in controlled oxidizing atmosphere. Results are provided in ***appendix 3***, ***table 2***, quality control in ***appendix 5*** and certificate in ***appendix 6***, ***table 2***.

PROJECT NUMBER	RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	ESTANT (Nad 83)	NORDANT (Nad 83)	ZONE	NTS SHEET	CLAIM	CIBLE	READING #	XRF MODE	COMMENT	CERTIFICATE	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																	
	Nb Analysis:	146											Mg	Mg Error1s	Al	Al Error1s	Si	Si Error1s	P	P Error1s	S	S Error1s	K	K Error1s	Ca	Ca Error1s	Ti	Ti Error1s	V
													ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Compte	Historique											459	1949	1932	1949	1949	1949	1949	1949	946	1949	1882	1949	1949	1949	1931	1949	621
99 Percentile	99 Percentile	Historique											7989	31253	45817	376	306025	513	3948	36	7968	468	14740	304	31546	96	5795	105	279
Moyenne	Moyenne	Historique											4304	7673	25810	289	129625	347	2992	31	1427	187	7750	48	12905	43	2484	75	87
Écart type	Écart type	Historique											1044	6080	9782	83	59265	108	333	3	1653	161	3357	103	5920	16	1135	40	44
Coefficient va	Coeff. var.	Historique											0	1	0	0	0	0	0	0	1	1	0	2	0	0	0	1	1
Maximum	Maximum	Historique											9829	50224	53831	1069	314508	533	5371	43	14754	532	17179	3492	44507	131	16053	1537	558
Minimum	Minimum	Historique											2747	858	820	126	2915	60	1853	19	74	18	49	11	1139	11	153	31	32
Compte	Compte	Projet											5	146	146	146	146	146	146	146	55	146	146	146	146	146	146	146	32
Moyenne	Moyenne	Projet											4049	7836	32005	321	146845	383	2983	33	504	258	9781	42	11410	40	2291	78	78
Écart type	Écart type	Projet											495	1732	6216	23	19622	28	297	1	433	185	1572	4	4126	11	640	4	19
Maximum	Maximum	Projet											4636	11320	46241	368	188557	478	4003	37	1973	532	13905	53	33368	107	4793	87	142
Minimum	Minimum	Projet											3610	1028	18416	257	79977	305	2368	29	80	23	5862	30	5939	26	999	66	57
1487	148780002	148740119	576574,7	5342753,7	17	32D04	582789	134	4	Geochem(3-Beam)	Full pallet	IOS22-0003	4531	1248	23563	306	149725	478	2609	33	<LOD	320	11313	50	32322	107	2451	81	<LOD
1487	148780003	148740037	575976,7	5343199,8	17	32D04	327071	81	5	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9516	20895	300	138137	389	2771	33	<LOD	452	8056	39	9790	37	3064	79	72
1487	148780004	148740057	575979,1	5342547,6	17	32D04	103489	68	6	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8474	38856	351	144279	378	3070	34	<LOD	406	9582	40	9825	36	2710	78	<LOD
1487	148780005	148740067	575380,9	5342597,0	17	32D04	298462	6	7	Geochem(3-Beam)	Half pellet	IOS22-0003	<LOD	7900	43994	361	144273	375	3423	35	407	27	8413	38	11123	38	2775	79	<LOD
1487	148780006	148740100	575569,4	5342350,2	17	32D04	298462	22	8	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7888	34461	337	157213	393	3016	34	<LOD	383	10684	43	10660	38	2149	79	<LOD
1487	148780007	148740083	575575,2	5343047,7	17	32D04	339470	36	9	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7532	36870	339	152273	378	3089	34	<LOD	372	10751	43	12144	40	2156	78	<LOD
1487	148780008	148740109	576572,1	5343255,8	17	32D04	582785	145	10	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7539	22563	295	165045	398	2902	34	269	28	11560	45	13482	44	1352	77	<LOD
1487	148780009	148740041	576370,9	5342654,4	17	32D04	196565	112	11	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8817	34977	341	140816	374	3060	34	<LOD	439	7839	37	9894	36	1517	74	<LOD
1487	148780010	148740027	576388,1	5342856,0	17	32D04	582789	116	12	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	11320	42071	365	104003	321	3001	33	453	26	7196	35	7638	30	2096	72	62
1487	148780012	148740035	575981,4	5343304,8	17	32D04	582783	83	15	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6719	30470	310	165710	397	2924	33	<LOD	338	10527	42	13936	44	2394	78	<LOD
1487	148780013	148740094	575572,5	5342644,9	17	32D04	298462	28	16	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9997	38677	360	139620	381	3435	37	390	29	9238	42	8489	34	1513	77	<LOD
1487	148780014	148740046	576369,2	5342395,3	17	32D04	196565	107	17	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8293	24741	307	154768	402	2767	33	<LOD	414	10044	43	9164	35	2424	80	<LOD
1487	148780015	148740085	575554,3	5343143,9	17	32D04	339470	38	18	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8494	37973	346	131455	361	2879	33	295	27	9505	41	9363	35	2203	76	<LOD
1487	148780016	148740071	575971,6	5342747,1	17	32D04	327071	72	19	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8561	37522	336	150748	380	3387	35	294	26	7974	37	9444	34	1796	74	<LOD
1487	148780017	148740014	575774,0	5342905,5	17	32D04	327071	54	20	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7838	31425	316	170599	404	2947	33	<LOD	365	9615	41	11272	39	1601	77	<LOD
1487	148780018	148740103	576370,5	5343187,5	17	32D04	582789	123	21	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	11255	40614	365	118560	349	2944	34	<LOD	532	8602	40	8592	34	1067	73	<LOD
1487	148780019	148740133	575374,5	5342450,1	17	32D04	298462	3	22	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8648	37160	335	152636	381	3578	36	154	26	10141	42	7321	30	1633	77	<LOD
1487	148780020	148740141	575374,2	5342998,7	17	32D04	339470	14	23	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6874	35034	320	154806	380	3043	32	<LOD	376	9963	40	10513	36	3197	80	95
1487	148780022	148740129	575771,4	5342547,5	17	32D04	103489	47	25	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8837	41266	359	126623	362	3222	35	339	26	8464	39	9569	36	2308	78	<LOD
1487	148780023	148740039	575973,6	5343093,0	17	32D04	327071	79	26	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8103	33782	323	162136	392	3251	34	<LOD	384	10394	42	9816	36	1711	76	<LOD
1487	148780024	148740006	576169,3	5343046,4	17	32D04	582789	99	27	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6523	30237	308	163996	395	2907	32	<LOD	340	12158	46	12796	42	2661	81	<LOD
1487	148780025	148740101	575379,9	5343250,2	17	32D04	303002	19	28	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8468	33590	325	146818	378	3245	34	<LOD	393	10278	42	11272	39	2148	78	<LOD
1487	148780026	148740070	575375,3	5342742,5	17	32D04	339470	9	29	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6726	33239	315	175286	402	3426	35	<LOD	375	9703	41	8514	32	999	73	<LOD
1487	148780027	148740060	575975,5	5342699,1	17	32D04	103489	71	30	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8967	37290	345	155737	398	3173	35	140	28	9262	41	10214	38	1096	75	<LOD
1487	148780028	148740020	575773,4	5343204,2	17	32D04	582783	60	31	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7824	26070	298	138208	368	3075	33	<LOD	428	10256	42	8553	33	2875	76	66
1487	148780029	148740089	575585,1	5343355,3	17	32D04	303002	42	32	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6908	22088	287	167644	408	2800	33	368	28	10944	45	17359	53	1793	80	<LOD
1487	148780030	148740111	576571,9	5343145,3	17	32D04	582789	143	33	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6669	24045	288	171852	406	2905	33	<LOD	364	11019	44	13968	45	1812	79	<LOD
1487	148780032	148740032	575775,0	5343301,4	17	32D04	582783	62	35	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	5999	27929	298	176295	411	2947	33	<LOD	314	12911	48	15532	49	2586	82	<LOD
1487	148780033	148740028	576372,0	5342801,3	17	32D04	582789	115	36	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8773	33156	321	156392	387	3272	34	<LOD	409	8803	39	8446	32	1125	74	<LOD
1487	148780034	148740061	576179,9	5342551,4	17	32D04	196565	89	37	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7971	42531	351	135490	364	3531	35	717	28	7970	37	10248	37	2161	76	<LOD
1487	148780035	148740077	575772,3	5342589,4	17	32D04	103489	48	38	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7812	45570	356	127768	353	3308	34	592	27	8002	37	10742	37	2860	78	71
1487	148780036	148740102	576376,7	5343140,8	17	32D04	582789	102	39	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9653	41850	357	111351	331	3099	33	<LOD	520	6412	34	9026	34	1495	72	<LOD
1487	148780037	148740048	576174,0	5342407,0	17	32D04	196565	86	40	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7671	38446	339	142006	370	3193	34	487	27	9605	41	9820	36	1953	77	<LOD
1487	148780038	148740019	575773,6	5343145,0	17	32D04	327071	59	41	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8278	29816	323	146380	390	2696	33	342	28	10082	43	9866	37	2541	82	72
1487	148780039	148740092	575571,5	5342746,4	17	32D04	339470	30	42	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8785	34633	326	146303	377	4003	37	127	26	9152	40	9135	34	2113	77	<LOD
1487	148780040	148740082	575579,1	5343003,9	17	32D04	339470	35	43	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7111	29448	313	160265	403	2663	32	<LOD	368	10718	44	14409	47	2514	81	<LOD
1487	148780042	148740075	575773,0	5342692,7	17	32D04	103489	50	45	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8927	37005	334	151731	384	3722	37	275	27	7725	37	9383	35	1650	77	<LOD
1487	148780043	148740110	576575,1	5343196,9	17	32D04	582790	144	46	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6528	24899	290	168487	397	2712	32	<LOD	348	12536	47	13994	45	1683	78	<LOD
1487	148780044	148740128	575772,1	5342497,2	17	32D04	103489	46	47	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9472	42548	349	119332	340	3306	33	284	25	7836	36	9874	35	2868	75	86
1487	148780045	148740135	575371,2	5342552,0	17	32D04	298462	5	48	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7188	39810	337	158627	386	3372	35	<LOD	398	8789	39	9265	34	1308	74	<LOD
1487	148780046	148740097	575576,2	5342496,2	17	32D04	298462	25	49	Geochem(3-Beam)	Full pallet	IOS22-0003	3655	1141	35225	337	138901	442	3300	35	<LOD	422	8858	43	9179	38	2342	77	<LOD
1487	148780047	148740076	575776,7	5342651,5	17	32D04	103489	49	50	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7957	42635	352	135983	364	3404	35	453	27	8565	38	9228	34	1989	77	<LOD
1487	148780048	148740064	576173,5	5342697,2	17	32D04	196565	92	51	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9921	34516	320	117908	334	2841	31	<LOD	475	7543	35	7588	30	3086	75	<LOD
1487	148780049	148740033	575776,2	5343347,8	17	32D04	582783	63	52	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8300	35881	328	126809	348	2669	30	<LOD	459	8852	38	7850	31	2732	74	79
1487	148780050	148740003	576171,0	5342900,4	17	32D04	582789	96	53	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7529	25174	302	159417	404	2571	32	<LOD	391	10696	45	12077	42	2376	83	<LOD
1487	148780052	148740124	576575,5	5342498,8	17	32D04	196565	130	55	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7009	26827	312	162081	412	2569	33	<LOD	352	13905	52	16872	54	2693	83	<LOD
1487	148780053	148740013	575774,3	5342834,3	17	32D04	327071	53	56	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	10219	20299	269	98005	314	2721	29	427	23	5922	30	5939	26	2916	66	57
1487	148780054	148740134	575375,8	5342495,5	17	32D04	298462	4	57	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9887	45543	365	127263	355	3254	34	1025	28	8601	39	8678	33	1623	74	<LOD
1487	148780055	148740036	575980,5	5343242,1	17	32D04	582783	82	58	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6996	31972	317	155376	392	2846	32	<LOD	368	10632	43	13163	43	2550	79	<LOD
1487	148780056	148740065	576161,6	5342744,2	17	32D04	582789	93	59	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9654	36615	348	121135	356	2928	34	426	27	7260	37	8519	34	2240	77	75
1487	148780057	148740126	576570,4	5342397,8	17	32D04	196565	128	60	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8414	33850	323	118903	340	2834	31	<LOD	470	7854	36	10584	37	2554	72	<LOD
1487	148780058	148740042	576370,2	5342596,2	17	32D04	196565	111	61	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6092	26985	290	172032	396	2897	32	<LOD	323	11640	44	13881	44	2344	80	<LOD
1487	148780059	148740062	576170,6	5342596,4	17	32D04	196565	90	62	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7271	36131	326	145353	371	3362	34	99	25	9079	39	11137	38	2675	79	<LOD
1487	148780060	148740132	575373,7	5342397,1	17	32D04	298462	2	63	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7283	35446	328	165153	396	3299	35	<LOD	384	8853	39	9580	35	1003	74	<LOD
1487	148780062	148740050	576173,9	5342501,0	17	32D04	196565	88	65	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9629	39921	344	131826	357	3153	33	444	26	8611	38	9170	34	1633	74	<LOD
1487	148780063	148740068	575381,7	5342648,1	17	32D04	298462	7	66	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8269	29863	325	144924	390	3039	34	<LOD	445	10441	44	10211	38	2105	79	<LOD
1487	148780064	148740017	575772,9	5343060,2	17	32D04	327071	57	67	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7858	34537	328	143840	376	2993	33	962	29	8713	39	10017	36	2101	77	<LOD

RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																																				
		V	Cr	Cr	Mn	Mn	Fe	Fe	Co	Co	Ni	Ni	Cu	Cu	Zn	Zn	As	As	Se	Se	Rb	Rb	Sr	Sr	Y	Y	Zr	Zr	Nb	Nb	Mo	Mo	Ag					
Nb Analysis:	146	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s	Error1s						
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm						
Compte	Historique	1949	1063	1949	1944	1949	1949	1949	652	1949	1437	1949	1734	1949	1941	1949	390	1949	28	1949	1926	1949	1897	1949	1843	1949	1929	1949	321	1949	684	1949	24						
99 Percentile	Historique	105	202	48	762	14	58605	188	197	104	124	9	359	10	235	3	17	4	4	3	90	2	430	3	25	4	325	3	8	5	13	7	4						
Moyenne	Historique	63	63	23	253	20	19373	65	68	43	30	4	30	3	40	2	4	3	2	2	38	1	277	2	8	1	148	1	4	4	5	4	3						
Écart type	Historique	32	54	15	213	225	12565	36	33	27	23	2	87	2	33	1	9	1	1	0	19	0	110	1	5	1	66	0	3	1	3	2	1						
Coeff. var.	Historique	1	1	1	1	11	1	1	0	1	1	1	3	1	1	0	2	0	0	0	1	0	0	0	1	1	0	0	1	0	1	1	0						
Maximum	Historique	109	1377	58	4597	6409	150168	484	231	139	399	10	1829	10	274	6	163	6	4	3	109	3	1819	6	83	5	481	6	51	5	37	7	4						
Minimum	Historique	8	22	7	17	4	695	8	15	5	5	1	5	1	4	1	2	0	1	0	1	0	1	0	2	0	2	1	2	1	2	1	2						
Compte	Projet	146	101	146	146	146	146	146	14	146	146	146	110	146	146	146	28	146	0	146	146	146	146	146	145	146	146	146	8	146	45	146	0						
Moyenne	Projet	77	52	21	227	10	17734	62	47	59	21	2	11	4	26	2	3	3	#DIV/0!	2	49	1	299	2	6	1	135	1	4	5	4	5	#DIV/0!						
Écart type	Projet	30	23	16	115	1	6862	18	9	18	8	0	5	3	8	0	1	1	#DIV/0!	0	4	0	21	0	3	0	57	0	1	1	1	2	#DIV/0!						
Maximum	Projet	102	210	50	1304	17	59016	163	63	114	52	3	36	10	50	2	5	4	0	3	58	1	345	2	15	4	300	2	4	5	8	7	0						
Minimum	Projet	17	30	9	92	8	7914	35	33	11	8	2	6	2	14	1	2	1	0	2	40	1	221	1	2	1	41	1	3	1	3	1	0						
148780002	148740119	96	71	11	366	12	19141	75	43	13	30	2	20	2	37	2	<LOD	4	<LOD	2	49	1	297	2	13	1	207	1	<LOD	5	<LOD	6	<LOD						
148780003	148740037	20	39	10	220	10	32029	99	<LOD	90	12	2	12	2	26	2	3	1	<LOD	2	46	1	277	2	6	1	165	1	<LOD	5	5	1	<LOD						
148780004	148740057	95	43	10	201	10	20126	66	<LOD	68	34	2	7	2	32	2	<LOD	4	<LOD	2	45	1	282	1	9	1	215	1	<LOD	4	3	1	<LOD						
148780005	148740067	94	66	10	265	10	20484	66	<LOD	68	27	2	9	2	38	2	<LOD	4	<LOD	2	44	1	301	2	6	1	107	1	<LOD	4	<LOD	6	<LOD						
148780006	148740100	91	34	10	177	10	14831	53	<LOD	59	20	2	<LOD	9	24	2	2	1	<LOD	2	50	1	306	2	7	1	117	1	<LOD	5	<LOD	6	<LOD						
148780007	148740083	88	<LOD	44	177	9	10414	42	<LOD	49	16	2	<LOD	9	19	1	<LOD	4	<LOD	2	50	1	307	1	6	1	135	1	<LOD	4	3	1	<LOD						
148780008	148740109	84	<LOD	44	150	9	9205	39	<LOD	46	10	2	9	2	19	1	<LOD	4	<LOD	2	52	1	312	2	3	1	87	1	<LOD	5	<LOD	6	<LOD						
148780009	148740041	86	<LOD	44	129	9	12921	49	<LOD	55	23	2	10	2	22	1	<LOD	4	<LOD	2	44	1	288	1	6	1	62	1	<LOD	5	<LOD	6	<LOD						
148780010	148740027	19	30	10	164	9	19252	64	<LOD	66	17	2	12	2	22	1	<LOD	4	<LOD	2	45	1	267	1	5	1	130	1	<LOD	4	<LOD	6	<LOD						
148780012	148740035	90	<LOD	46	261	10	17108	58	48	12	28	2	7	2	22	2	<LOD	4	<LOD	2	46	1	327	2	8	1	160	1	<LOD	4	<LOD	6	<LOD						
148780013	148740094	90	<LOD	46	163	10	12567	49	<LOD	55	14	2	6	2	24	2	<LOD	4	<LOD	2	49	1	294	2	3	1	77	1	<LOD	5	4	1	<LOD						
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148780016	148740071	86	<LOD	44	111	9	13311	49	<LOD	54	12	2	12	2	20	1	<LOD	4	<LOD	2	48	1	298	1	3	1	69	1	<LOD	4	<LOD	6	<LOD						
148780017	148740014	88	<LOD	45	190	10	11968	46	<LOD	53	17	2	<LOD	9	18	1	<LOD	4	<LOD	2	50	1	324	2	4	1	46	1	<LOD	5	<LOD	6	<LOD						
148780018	148740103	86	<LOD	46	132	9	12935	50	<LOD	55	17	2	<LOD	9	17	1	<LOD	4	<LOD	2	51	1	300	2	3	1	56	1	<LOD	5	<LOD	6	<LOD						
148780019	148740133	88	<LOD	43	119	9	12376	47	<LOD	52	13	2	10	2	21	1	<LOD	4	<LOD	2	52	1	283	1	2	1	57	1	<LOD	4	<LOD	6	<LOD						
148780020	148740141	21	56	10	222	10	17659	59	<LOD	62	18	2	<LOD	9	25	2	<LOD	4	<LOD	2	48	1	286	1	7	1	173	1	<LOD	4	<LOD	6	<LOD						
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148780024	148740006	96	43	10	258	10	18479	62	<LOD	66	24	2	8	2	34	2	2	1	<LOD	2	57	1	303	2	6	1	190	1	<LOD	5	4	1	<LOD						
148780025	148740101	91	78	11	231	10	16988	59	<LOD	63	17	2	<LOD	9	43	2	<LOD	4	<LOD	2	52	1	305	2	5	1	131	1	<LOD	5	<LOD	6	<LOD						
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RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																																		
		Ag Error1s	Cd	Cd Error1s	Sn	Sn Error1s	Sb	Sb Error1s	Ba	Ba Error1s	La	La Error1s	Ce	Ce Error1s	Pr	Pr Error1s	Nd	Nd Error1s	W	W Error1s	Hg	Hg Error1s	Pb	Pb Error1s	Bi	Bi Error1s	Th	Th Error1s	U	U Error1s	LE	LE Error1s
Nb Analysis:	146	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Historique	1949	74	1949	145	1949	50	1949	1882	1949	456	1949	550	1949	181	1949	216	1949	27	1949	4	1949	1872	1949	0	1949	1927	1949	1336	1949	1949	1949
99 Percentile	Historique	117	20	23	27	32	33	44	422	850	109	2312	131	2513	155	3427	221	4953	21	13	5	9	42	4	#NOMBRE!	35	58	6	18	8	968027	1156
Moyenne	Historique	74	15	19	19	25	25	37	241	39	60	1391	71	1434	91	2493	144	3558	11	11	5	8	12	1	#DIV/0!	32	19	2	6	3	796652	530
Écart type	Historique	15	2	4	2	7	4	7	104	158	26	772	38	898	22	813	35	1270	3	2	1	1	9	1	#DIV/0!	3	10	1	4	3	68333	246
Coeff. var.	Historique	0	0	0	0	0	0	0	0	4	0	1	1	1	0	0	0	0	0	0	0	0	1	1	#DIV/0!	0	1	0	1	1	0	0
Maximum	Historique	173	23	24	28	33	33	46	568	1725	511	3123	833	3316	182	4442	261	6117	23	14	5	9	203	4	0	38	83	12	66	10	979470	1571
Minimum	Historique	1	12	4	16	5	17	6	12	4	28	8	31	9	41	12	54	15	7	2	4	1	2	0	0	17	6	1	2	1	679637	146
Compte	Projet	146	6	146	17	146	5	146	146	146	21	146	22	146	11	146	12	146	0	146	0	146	146	146	0	146	146	146	80	146	146	146
Moyenne	Projet	66	14	22	19	28	27	41	293	10	59	1478	65	1619	93	2452	161	3556	#DIV/0!	12	#DIV/0!	8	12	1	#DIV/0!	33	16	2	4	4	775426	474
Écart type	Projet	3	1	4	2	8	2	7	29	0	7	603	7	678	9	698	28	1061	#DIV/0!	1	#DIV/0!	1	2	0	#DIV/0!	1	4	0	1	3	16595	104
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148780053	148740013	73	<LOD	18	<LOD	25	<LOD	35	259	11	<LOD	1883	<LOD	2086	<LOD	2914	<LOD	4267	<LOD	10	<LOD	7	12	1	<LOD	27	10	2	4	1	803434	400
148780054	148740134	65	<LOD	22	<LOD	30	<LOD	42	288	10	<LOD	1722	<LOD	1912	<LOD	2661	<LOD	3871	<LOD	12	<LOD	8	11	1	<LOD	33	17	2	<LOD	7	786260	459
148780055	148740036	69	<LOD	22	23	5	<LOD	42	308	11	<LOD	1765	<LOD	1948	<LOD	2708	<LOD	3969	<LOD	12	<LOD	9	11	1	<LOD	34	17	2	4	1	761878	458
148780056	148740065	68	<LOD	23	<LOD	31	<LOD	43	257	9	<LOD	1771	<LOD	1951	<LOD	2716	<LOD	3958	<LOD	12	<LOD	9	11	1	<LOD	34	16	2	4	1	800240	455
148780057	148740126	70	<LOD	21	<LOD	28	<LOD	40	238	10	<LOD	1758	<LOD	1936	<LOD	2681	<LOD	3931	<LOD	12	<LOD	8	12	1	<LOD	32	14	2	<LOD	7	795511	429
148780058	148740042	63	<LOD	22	<LOD	30	<LOD	42	331	10	<LOD	1618	<LOD	1784	<LOD	2477	<LOD	3622	<LOD	12	<LOD	8	11	1	<LOD	33	15	2	<LOD	7	755329	448
148780059	148740062	63	<LOD	22	<LOD	30	<LOD	42	288	10	<LOD	1673	<LOD	1845	<LOD	2574	<LOD	3771	<LOD	12	<LOD	8	11	1	<LOD	32	11	2	5	1	773679	447
148780060	148740132	63	<LOD	23	<LOD	31	<LOD	43	293	10	65	17	<LOD	1842	<LOD	2568	<LOD	3749	<LOD	12	<LOD	8	9	1	<LOD	33	12	2	<LOD	7	766374	464
148780062	148740050	64	13	4	<LOD	30	<LOD	42	274	10	<LOD	1685	<LOD	1859	<LOD	2598	<LOD	3811	<LOD	12	<LOD	8	12	1	<LOD	33	15	2	<LOD	7	788683	450
148780063	148740068	68	<LOD	23	21	6	<LOD	44	299	10	<LOD	1758	<LOD	1941	<LOD	2706	<LOD	3958	<LOD	13	<LOD	9	14	1	<LOD	35	17	2	6	1	782424	463
148780064	148740017	65	<LOD	22	<LOD	30	<LOD	42	292	10	<LOD	1694	83	19	<LOD	2611	<LOD	3845	<LOD	11	<LOD	8	10	1	<LOD	33	14	2	4	1	780500	453

PROJECT NUMBER	RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	ESTANT (Nad 83)	NORDANT (Nad 83)	ZONE	NTS SHEET	CLAIM	CIBLE	READING #	XRF MODE	COMMENT	CERTIFICATE	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																	
	Nb Analysis:	146											Mg	Mg Error1s	Al	Al Error1s	Si	Si Error1s	P	P Error1s	S	S Error1s	K	K Error1s	Ca	Ca Error1s	Ti	Ti Error1s	V
													ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Compte	Historique											459	1949	1932	1949	1949	1949	1949	1949	946	1949	1882	1949	1949	1949	1931	1949	621
99 Percentile	99 Percentile	Historique											7989	31253	45817	376	306025	513	3948	36	7968	468	14740	304	31546	96	5795	105	279
Moyenne	Moyenne	Historique											4304	7673	25810	289	129625	347	2992	31	1427	187	7750	48	12905	43	2484	75	87
Écart type	Écart type	Historique											1044	6080	9782	83	59265	108	333	3	1653	161	3357	103	5920	16	1135	40	44
Coefficient va	Coeff. var.	Historique											0	1	0	0	0	0	0	0	1	1	0	2	0	0	0	1	1
Maximum	Maximum	Historique											9829	50224	53831	1069	314508	533	5371	43	14754	532	17179	3492	44507	131	16053	1537	558
Minimum	Minimum	Historique											2747	858	820	126	2915	60	1853	19	74	18	49	11	1139	11	153	31	32
Compte	Compte	Projet											5	146	146	146	146	146	146	146	55	146	146	146	146	146	146	146	32
Moyenne	Moyenne	Projet											4049	7836	32005	321	146845	383	2983	33	504	258	9781	42	11410	40	2291	78	78
Écart type	Écart type	Projet											495	1732	6216	23	19622	28	297	1	433	185	1572	4	4126	11	640	4	19
Maximum	Maximum	Projet											4636	11320	46241	368	188557	478	4003	37	1973	532	13905	53	33368	107	4793	87	142
Minimum	Minimum	Projet											3610	1028	18416	257	79977	305	2368	29	80	23	5862	30	5939	26	999	66	57
1487	148780065	148740084	575571,7	5343101,1	17	32D04	339470	37	68	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9905	31372	333	114733	347	2464	31	418	27	8335	39	9114	35	1934	75	63
1487	148780066	148740107	576572,2	5343350,6	17	32D04	582785	147	69	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6312	24450	284	180890	406	2751	32	284	27	10766	43	12199	40	1115	74	<LOD
1487	148780067	148740086	575574,3	5343199,3	17	32D04	303002	39	70	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7385	28550	303	143135	375	2943	32	<LOD	412	9074	39	10938	38	3901	83	<LOD
1487	148780068	148740044	576371,1	5342498,2	17	32D04	196565	109	71	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7646	31522	310	137117	361	3338	33	<LOD	412	8558	38	8962	33	2951	78	<LOD
1487	148780069	148740127	576585,2	5342354,4	17	32D04	251791	127	72	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7056	27836	306	161309	405	2525	32	<LOD	358	10996	45	13812	46	2737	81	<LOD
1487	148780070	148740053	575976,9	5342353,3	17	32D04	103489	64	73	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7838	29676	319	144067	383	2894	33	<LOD	408	10635	44	12564	43	2384	80	<LOD
1487	148780072	148740034	575988,2	5343345,9	17	32D04	582783	84	4	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8599	29090	325	148717	388	2962	34	<LOD	393	9880	42	10123	37	2732	79	68
1487	148780073	148740018	575773,1	5343110,5	17	32D04	327071	58	5	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8872	30698	330	142539	381	2898	33	115	26	9015	40	8477	33	2552	77	<LOD
1487	148780074	148740098	575576,0	5342449,3	17	32D04	298462	24	6	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8069	35325	335	156251	390	2988	33	<LOD	387	9867	41	10472	37	2258	77	<LOD
1487	148780075	148740008	576177,6	5343157,6	17	32D04	582789	101	7	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9026	37465	347	134460	367	3351	35	<LOD	430	9224	40	10538	37	2695	79	68
1487	148780076	148740118	576574,1	5342804,4	17	32D04	582789	136	8	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6504	27368	303	173187	411	2838	33	<LOD	304	12034	46	16584	51	2454	81	<LOD
1487	148780077	148740040	575979,7	5343045,2	17	32D04	327071	78	9	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8237	33092	328	157250	392	2988	34	<LOD	388	8998	39	11340	39	1599	76	<LOD
1487	148780078	148740007	576176,0	5343094,4	17	32D04	582789	100	12	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8305	23189	302	173329	421	2933	35	<LOD	366	12324	49	10312	38	2531	85	<LOD
1487	148780079	148740147	575775,9	5342453,0	17	32D04	103489	45	13	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8997	31947	341	147608	400	2870	35	152	28	9574	43	9372	37	2130	82	<LOD
1487	148780080	148740004	576184,4	5342956,4	17	32D04	582789	97	14	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9690	30947	326	98717	321	2624	31	297	24	6975	35	10145	37	3843	77	68
1487	148780082	148740095	575571,1	5342597,7	17	32D04	298462	27	16	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8929	37821	356	135479	381	3246	36	848	29	8979	41	10971	40	2232	81	<LOD
1487	148780083	148740055	575976,4	5342446,6	17	32D04	103489	DB-CGP	17	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7808	32179	328	154656	398	2828	33	82	27	10743	44	10128	37	3180	85	<LOD
1487	148780084	148740079	575571,2	5342849,5	17	32D04	339470	32	18	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7776	32725	331	154993	400	2958	34	<LOD	405	10735	45	11750	41	2030	81	<LOD
1487	148780085	148740143	575380,4	5342899,9	17	32D04	339470	12	19	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9731	30972	330	144095	395	2687	33	<LOD	452	9436	42	9150	36	3395	84	77
1487	148780086	148740136	575375,9	5343363,0	17	32D04	303002	21	20	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7091	21666	293	173012	421	2598	34	<LOD	364	11220	46	18715	57	1424	81	<LOD
1487	148780087	148740038	575981,6	5343151,0	17	32D04	327071	80	21	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7717	29344	314	147080	388	2788	32	<LOD	416	10502	44	9797	37	3312	82	<LOD
1487	148780088	148740096	575572,6	5342550,9	17	32D04	298462	26	22	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9200	37222	342	144321	380	2954	34	<LOD	433	9793	42	10709	38	1723	78	<LOD
1487	148780089	148740120	576580,1	5342699,1	17	32D04	251791	134	23	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6276	23590	292	161536	402	2485	32	<LOD	327	12073	47	28566	79	2245	84	<LOD
1487	148780090	148740051	575973,0	5343003,8	17	32D04	327071	77	24	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	10308	29868	322	140806	381	2855	34	<LOD	471	7548	37	9719	36	2021	78	<LOD
1487	148780092	148740073	575977,4	5342844,5	17	32D04	327071	74	26	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9904	33001	332	134550	372	2816	33	476	27	9281	41	9864	37	2221	78	<LOD
1487	148780093	148740026	576408,2	5342911,0	17	32D04	582789	117	27	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	11283	39865	365	119460	359	2563	32	204	28	8157	40	9379	37	1998	78	77
1487	148780094	148740105	576372,7	5343301,0	17	32D04	582784	125	28	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7397	22945	294	156951	401	2477	32	<LOD	396	11251	46	15580	50	2571	85	<LOD
1487	148780095	148740088	575575,8	5343294,3	17	32D04	303002	41	29	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9158	26667	310	160075	408	2603	33	<LOD	403	10887	45	9326	36	2585	84	<LOD
1487	148780096	148740005	576176,6	5343002,8	17	32D04	582789	98	30	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8577	22988	289	129044	369	2631	31	<LOD	473	8886	40	9399	36	2648	74	62
1487	148780097	148740080	575570,0	5342889,8	17	32D04	339470	33	31	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	10437	32400	337	142280	389	3242	36	<LOD	470	10154	45	9748	38	1616	78	<LOD
1487	148780098	148740072	575971,6	5342799,2	17	32D04	327071	73	32	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7387	31041	319	165105	409	3079	35	<LOD	399	9275	42	11137	40	1351	77	<LOD
1487	148780099	148740054	575976,2	5342397,6	17	32D04	103489	65	33	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8351	36992	342	138780	377	3213	35	324	28	9172	41	8849	35	2588	81	<LOD
1487	148780100	148740087	575571,5	5343256,5	17	32D04	303002	40	34	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8958	20594	283	127098	363	2833	32	<LOD	498	8653	39	7210	30	4793	86	142
1487	148780102	148740117	576567,4	5342837,0	17	32D04	582789	137	36	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6584	27071	296	174241	411	2450	31	<LOD	343	10377	43	11430	40	3160	85	<LOD
1487	148780103	148740016	575771,0	5342999,3	17	32D04	327071	56	37	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9328	33845	341	122187	362	2614	32	774	29	9032	41	9184	36	2581	79	<LOD
1487	148780104	148740025	576377,4	5342945,4	17	32D04	582789	118	38	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6391	27209	298	169392	407	2672	32	<LOD	347	11566	46	15064	48	2673	83	<LOD
1487	148780105	148740145	575770,5	5342349,1	17	32D04	103489	43	39	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8221	41338	348	125046	353	3069	33	200	26	8431	38	8922	34	2676	78	66
1487	148780106	148740090	575376,4	5343302,6	17	32D04	303002	20	40	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8156	29941	327	153251	405	2638	34	<LOD	434	10000	44	11668	42	1901	82	<LOD
1487	148780107	148740144	575372,7	5342848,5	17	32D04	339470	11	41	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8139	29879	315	144271	386	3175	34	<LOD	446	8299	39	8639	34	3394	83	<LOD
1487	148780108	148740024	576368,0	5342998,8	17	32D04	582789	119	42	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7980	25672	299	170220	417	2580	32	<LOD	352	12148	48	14922	49	2660	84	74
1487	148780109	148740091	575375,0	5342803,5	17	32D04	339470	10	43	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9103	36056	336	150310	389	3511	36	321	27	10178	43	9859	37	1504	78	<LOD
1487	148780110	148740069	575374,8	5342696,6	17	32D04	298462	8	44	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7660	29508	316	159671	402	3229	35	<LOD	415	10647	45	10601	39	1422	79	<LOD
1487	148780112	148740031	575779,4	5343256,1	17	32D04	582783	61	46	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7066	27363	308	161460	402	3088	34	<LOD	377	13017	50	11329	41	2786	86	78
1487	148780113	148740122	576578,2	5342598,4	17	32D04	196565	132	47	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6603	25446	295	170205	411	2694	32	<LOD	353	11764	47	13246	44	3147	87	71
1487	148780114	148740059	575976,5	5342640,7	17	32D04	103489	70	48	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8132	34464	339	145509	398	3071	35	<LOD	428	8731	41	11541	42	2458	84	<LOD
1487	148780115	148740112	576579,6	5343093,4	17	32D04	582790	142	49	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7260	23466	293	149935	393	2672	33	216	27	9857	43	18116	56	2689	85	<LOD
1487	148780116	148740081	575580,0	5342958,8	17	32D04	339470	34	50	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	10916	34513	338	128688	365	2746	33	<LOD	500	8799	40	8436	34	2002	77	66
1487	148780117	148740001	576370,7	5342351,5	17	32D04	196565	106	51	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7786	31228	320	150360	389	2963	34	<LOD	421	10044	43	9981	37	1808	78	<LOD
1487	148780118	148740058	575979,2	5342594,0	17	32D04	103489	69	52	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9087	31518	337	141410	393	2568	33	<LOD	489	9005	42	8813	36	1887	80	<LOD
1487	148780119	148740115	576576,3	5342959,9	17	32D04	582790	139	53	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7290	24985	305	152965	405	2508	32	<LOD	390	12724	50	15990	53	2611	83	82
1487	148780120	148740022	576367,5	5343100,3	17	32D04	582789	121	54	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8688	36443	335	121235	350	2819	32	894	28	8454	39	8220	33	2562	77	<LOD
1487	148780122	148740056	575978,1	5342499,4	17	32D04	103489	67	57	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7134	30139	302	186276	413	2932	33	<LOD	332	10943	43	9931	36	2619	82	<LOD
1487	148780123	148740002	576176,9	5342841,5	17	32D04	582789	95	58	Geochem(3-Beam)	Full pallet	IOS22-0003	4636	1203	34076	339	79977	320	3171	33	431	24	5862	33	6721	31	1848	66	57
1487	148780124	148740108	576574,8	5343299,3	17	32D04	582785	146	59	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6523	24901	289	173500	405	2884	33	<LOD	361	10937	44	14669	46	1857	78	<LOD
1487	148780125	148740011	575770,5	5342742,5	17	32D04	327071	51	60	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8337	37352	346	139553	379	3180	35	493	28	9688	42	9634	36	2497	80	<LOD
1487	148780126	148740047	576177,7	5342332,8	17	32D04	196565	85	61	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7160	35290	320	138375	368	3074	32	<LOD	396	9061	39	10903	38	4111	82	113
1487	148780127	148740104	576372,5	5343244,4	17	32D04	582784	124	62	Geochem(3-Beam)	Full pallet	IOS22-0003	3610	1058	26344	294	154586	453	2945	33	203	26	10412	45	14313	51	1985	76	<LOD

RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																																			
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99 Percentile	Historique	105	202	48	762	14	58605	188	197	104	124	9	359	10	235	3	17	4	4	3	90	2	430	3	25	4	325	3	8	5	13	7	4					
Moyenne	Historique	63	63	23	253	20	19373	65	68	43	30	4	30	3	40	2	4	3	2	2	38	1	277	2	8	1	148	1	4	4	5	4	3					
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Coeff. var.	Historique	1	1	1	1	11	1	1	0	1	1	1	3	1	1	0	2	0	0	0	1	0	0	0	1	1	0	0	1	0	1	1	0					
Maximum	Historique	109	1377	58	4597	6409	150168	484	231	139	399	10	1829	10	274	6	163	6	4	3	109	3	1819	6	83	5	481	6	51	5	37	7	4					
Minimum	Historique	8	22	7	17	4	695	8	15	5	5	1	5	1	4	1	2	0	1	0	1	0	1	0	2	0	2	1	2	1	2	1	2					
Compte	Projet	146	101	146	146	146	146	146	14	146	146	146	110	146	146	146	28	146	0	146	146	146	146	146	145	146	146	146	8	146	45	146	0					
Moyenne	Projet	77	52	21	227	10	17734	62	47	59	21	2	11	4	26	2	3	3	#DIV/0!	2	49	1	299	2	6	1	135	1	4	5	4	5	#DIV/0!					
Écart type	Projet	30	23	16	115	1	6862	18	9	18	8	0	5	3	8	0	1	1	#DIV/0!	0	4	0	21	0	3	0	57	0	1	1	1	2	#DIV/0!					
Maximum	Projet	102	210	50	1304	17	59016	163	63	114	52	3	36	10	50	2	5	4	0	3	58	1	345	2	15	4	300	2	4	5	8	7	0					
Minimum	Projet	17	30	9	92	8	7914	35	33	11	8	2	6	2	14	1	2	1	0	2	40	1	221	1	2	1	41	1	3	1	3	1	0					
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RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																																	
		Ag Error1s	Cd	Cd Error1s	Sn	Sn Error1s	Sb	Sb Error1s	Ba	Ba Error1s	La	La Error1s	Ce	Ce Error1s	Pr	Pr Error1s	Nd	Nd Error1s	W	W Error1s	Hg	Hg Error1s	Pb	Pb Error1s	Bi	Bi Error1s	Th	Th Error1s	U	U Error1s	LE	LE Error1s
Nb Analysis:	146	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Historique	1949	74	1949	145	1949	50	1949	1882	1949	456	1949	550	1949	181	1949	216	1949	27	1949	4	1949	1872	1949	0	1949	1927	1949	1336	1949	1949	1949
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Coeff. var.	Historique	0	0	0	0	0	0	0	0	4	0	1	1	1	0	0	0	0	0	0	0	0	1	1	#DIV/0!	0	1	0	1	1	0	0
Maximum	Historique	173	23	24	28	33	33	46	568	1725	511	3123	833	3316	182	4442	261	6117	23	14	5	9	203	4	0	38	83	12	66	10	979470	1571
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Compte	Projet	146	6	146	17	146	5	146	146	146	21	146	22	146	11	146	12	146	0	146	0	146	146	146	0	146	146	146	80	146	146	146
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PROJECT NUMBER	RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	ESTANT (Nad 83)	NORDANT (Nad 83)	ZONE	NTS SHEET	CLAIM	CIBLE	READING #	XRF MODE	COMMENT	CERTIFICATE	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																	
													Mg	Mg Error1s	Al	Al Error1s	Si	Si Error1s	P	P Error1s	S	S Error1s	K	K Error1s	Ca	Ca Error1s	Ti	Ti Error1s	V
	Nb Analysis:	146											ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Compte	Historique											459	1949	1932	1949	1949	1949	1949	1949	946	1949	1882	1949	1949	1949	1931	1949	621
99 Percentile	99 Percentile	Historique											7989	31253	45817	376	306025	513	3948	36	7968	468	14740	304	31546	96	5795	105	279
Moyenne	Moyenne	Historique											4304	7673	25810	289	129625	347	2992	31	1427	187	7750	48	12905	43	2484	75	87
Écart type	Écart type	Historique											1044	6080	9782	83	59265	108	333	3	1653	161	3357	103	5920	16	1135	40	44
Coefficient va	Coeff. var.	Historique											0	1	0	0	0	0	0	0	1	1	0	2	0	0	0	1	1
Maximum	Maximum	Historique											9829	50224	53831	1069	314508	533	5371	43	14754	532	17179	3492	44507	131	16053	1537	558
Minimum	Minimum	Historique											2747	858	820	126	2915	60	1853	19	74	18	49	11	1139	11	153	31	32
Compte	Compte	Projet											5	146	146	146	146	146	146	146	55	146	146	146	146	146	146	146	32
Moyenne	Moyenne	Projet											4049	7836	32005	321	146845	383	2983	33	504	258	9781	42	11410	40	2291	78	78
Écart type	Écart type	Projet											495	1732	6216	23	19622	28	297	1	433	185	1572	4	4126	11	640	4	19
Maximum	Maximum	Projet											4636	11320	46241	368	188557	478	4003	37	1973	532	13905	53	33368	107	4793	87	142
Minimum	Minimum	Projet											3610	1028	18416	257	79977	305	2368	29	80	23	5862	30	5939	26	999	66	57
1487	148780128	148740066	576174,3	5342815,6	17	32D04	582789	94	63	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7950	31943	324	149717	389	2979	34	<LOD	421	10041	43	9383	36	1904	78	<LOD
1487	148780129	148740093	575571,1	5342698,4	17	32D04	298462	29	64	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6672	33605	317	158686	388	3278	34	80	25	11518	45	11465	39	2227	76	<LOD
1487	148780130	148740078	575575,6	5342802,4	17	32D04	339470	31	65	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8109	32109	315	159316	391	3276	34	<LOD	381	11495	45	11248	39	2167	80	<LOD
1487	148780132	148740099	575572,2	5342398,6	17	32D04	298462	23	67	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8389	31020	312	158238	392	3067	33	<LOD	396	10383	43	10356	37	2309	79	<LOD
1487	148780133	148740045	576369,2	5342447,1	17	32D04	196565	108	68	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8603	29513	306	150738	381	3376	34	<LOD	404	10378	42	9469	35	2503	77	<LOD
1487	148780134	148740139	575366,0	5343100,9	17	32D04	339470	16	69	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7412	31020	316	152245	393	3313	35	<LOD	404	9080	41	10100	37	3130	83	<LOD
1487	148780135	148740015	575772,5	5342947,1	17	32D04	327071	55	70	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7778	24436	285	168321	401	2749	32	<LOD	360	11259	44	10304	37	2670	80	75
1487	148780136	148740131	575368,7	5342352,2	17	32D04	298462	1	71	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7637	42817	342	123483	342	3197	32	1115	27	8232	37	8736	32	3044	76	<LOD
1487	148780137	148740023	576377,2	5343051,4	17	32D04	582789	120	72	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8892	40742	350	116721	339	3286	34	1310	29	8597	39	7831	31	2008	75	<LOD
1487	148780138	148740116	576574,9	5342901,6	17	32D04	582789	138	73	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	5994	27181	292	174937	407	2742	32	<LOD	316	12214	46	16049	49	2761	83	82
1487	148780139	148740063	576173,3	5342649,0	17	32D04	196565	91	74	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8065	41030	347	139528	370	3445	35	<LOD	444	7498	36	8206	32	1645	75	<LOD
1487	148780140	148740021	576173,5	5343298,2	17	32D04	582784	104	75	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7091	22974	287	138262	365	2368	30	1973	31	11511	45	20501	60	1989	79	<LOD
1487	148780142	148740049	576179,7	5342452,1	17	32D04	196565	87	77	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7440	35177	324	142504	372	3254	34	244	26	9892	41	9622	35	2651	79	<LOD
1487	148780143	148740138	575372,1	5343153,8	17	32D04	339470	17	78	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6912	34764	321	152110	382	3486	35	<LOD	390	9942	41	11870	40	2053	77	<LOD
1487	148780144	148740052	575988,8	5342951,9	17	32D04	327071	76	79	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8423	18416	257	119471	346	3182	31	<LOD	470	7356	34	6677	28	3660	72	114
1487	148780145	148740146	575776,8	5342397,7	17	32D04	103489	44	80	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8702	39016	350	133038	370	3111	34	313	28	8071	39	8895	35	2066	79	<LOD
1487	148780146	148740012	575776,7	5342797,2	17	32D04	327071	52	81	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7343	34827	326	158020	391	3191	34	<LOD	412	9688	42	9556	36	1120	76	<LOD
1487	148780147	148740114	576571,9	5343000,3	17	32D04	582789	140	82	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6769	25734	288	142045	363	2798	31	1939	30	10555	42	16981	51	2444	78	<LOD
1487	148780148	148740106	576371,9	5343354,9	17	32D04	582784	126	83	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6918	20516	265	123461	331	2675	30	1372	27	9884	39	22779	63	1944	74	<LOD
1487	148780149	148740125	576577,6	5342457,0	17	32D04	196565	129	84	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6239	26076	297	175420	422	2704	33	<LOD	322	13261	50	17535	55	2648	84	77
1487	148780150	148740043	576379,4	5342549,9	17	32D04	196565	110	85	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	10136	46241	368	95990	307	3173	33	478	26	6736	34	7092	29	1782	71	<LOD
1487	148780152	148740140	575376,3	5343045,3	17	32D04	339470	15	87	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	5935	25145	282	188557	418	2952	33	<LOD	324	11175	44	10205	36	2668	84	<LOD
1487	148780153	148740010	576168,6	5343254,4	17	32D04	582784	103	88	Geochem(3-Beam)	Full pallet	IOS22-0003	3814	1028	26665	295	157679	460	2651	32	<LOD	294	13303	53	33368	103	2532	81	116
1487	148780154	148740137	575380,2	5343208,7	17	32D04	303002	18	89	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9104	35636	328	138767	367	3514	35	<LOD	431	9987	42	9636	35	2029	75	<LOD
1487	148780155	148740074	575970,0	5342896,4	17	32D04	327071	75	90	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	8177	35717	323	154277	385	2823	32	1353	29	10335	42	10853	38	2322	78	<LOD
1487	148780156	148740113	576569,5	5343049,8	17	32D04	582789	141	91	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6248	22264	275	177929	406	2828	33	791	28	11402	45	15341	48	1225	76	<LOD
1487	148780157	148740121	576577,3	5342648,2	17	32D04	196565	133	92	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6563	24440	291	160693	400	2647	32	80	26	12277	47	18783	57	2385	82	<LOD
1487	148780158	148740009	576175,9	5343198,9	17	32D04	582789	102	93	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	9910	40701	346	99315	305	2862	31	187	25	7233	34	7685	30	1464	68	<LOD
1487	148780159	148740142	575379,3	5342944,2	17	32D04	339470	13	94	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7270	32564	317	150930	381	3304	34	<LOD	419	9816	41	9154	34	2142	78	<LOD
1487	148780160	148740029	576378,6	5342742,7	17	32D04	196565	114	95	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	7489	38628	332	134400	357	2966	32	<LOD	434	8900	38	10017	36	2337	75	<LOD
1487	148780162	148740123	576578,3	5342548,4	17	32D04	196565	131	97	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6285	28613	304	167387	408	2610	32	<LOD	343	12571	48	16422	51	2739	82	67
1487	148780163	148740030	576379,6	5342691,4	17	32D04	196565	113	98	Geochem(3-Beam)	Full pallet	IOS22-0003	<LOD	6530	28139	294	163614	391	2918	32	<LOD	364	10452	42	12271	41	2081	76	<LOD

RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																																	
		V Error1s	Cr	Cr Error1s	Mn	Mn Error1s	Fe	Fe Error1s	Co	Co Error1s	Ni	Ni Error1s	Cu	Cu Error1s	Zn	Zn Error1s	As	As Error1s	Se	Se Error1s	Rb	Rb Error1s	Sr	Sr Error1s	Y	Y Error1s	Zr	Zr Error1s	Nb	Nb Error1s	Mo	Mo Error1s	Ag
Nb Analysis:	146	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Historique	1949	1063	1949	1944	1949	1949	1949	652	1949	1437	1949	1734	1949	1941	1949	390	1949	28	1949	1926	1949	1897	1949	1843	1949	1929	1949	321	1949	684	1949	24
99 Percentile	Historique	105	202	48	762	14	58605	188	197	104	124	9	359	10	235	3	17	4	4	3	90	2	430	3	25	4	325	3	8	5	13	7	4
Moyenne	Historique	63	63	23	253	20	19373	65	68	43	30	4	30	3	40	2	4	3	2	2	38	1	277	2	8	1	148	1	4	4	5	4	3
Écart type	Historique	32	54	15	213	225	12565	36	33	27	23	2	87	2	33	1	9	1	1	0	19	0	110	1	5	1	66	0	3	1	3	2	1
Coeff. var.	Historique	1	1	1	1	11	1	1	0	1	1	1	3	1	1	0	2	0	0	0	1	0	0	0	1	1	0	0	1	0	1	1	0
Maximum	Historique	109	1377	58	4597	6409	150168	484	231	139	399	10	1829	10	274	6	163	6	4	3	109	3	1819	6	83	5	481	6	51	5	37	7	4
Minimum	Historique	8	22	7	17	4	695	8	15	5	5	1	5	1	4	1	2	0	1	0	1	0	1	0	2	0	2	1	2	1	2	1	2
Compte	Projet	146	101	146	146	146	146	146	14	146	146	146	110	146	146	146	28	146	0	146	146	146	146	146	145	146	146	146	8	146	45	146	0
Moyenne	Projet	77	52	21	227	10	17734	62	47	59	21	2	11	4	26	2	3	3	#DIV/0!	2	49	1	299	2	6	1	135	1	4	5	4	5	#DIV/0!
Écart type	Projet	30	23	16	115	1	6862	18	9	18	8	0	5	3	8	0	1	1	#DIV/0!	0	4	0	21	0	3	0	57	0	1	1	1	2	#DIV/0!
Maximum	Projet	102	210	50	1304	17	59016	163	63	114	52	3	36	10	50	2	5	4	0	3	58	1	345	2	15	4	300	2	4	5	8	7	0
Minimum	Projet	17	30	9	92	8	7914	35	33	11	8	2	6	2	14	1	2	1	0	2	40	1	221	1	2	1	41	1	3	1	3	1	0
148780128	148740066	90	<LOD	47	129	10	13672	52	<LOD	57	21	2	<LOD	9	17	2	<LOD	4	<LOD	3	49	1	310	2	4	1	80	1	<LOD	5	<LOD	6	<LOD
148780129	148740093	92	70	11	220	10	17736	60	<LOD	65	28	2	6	2	28	2	<LOD	4	<LOD	2	49	1	304	2	7	1	150	1	<LOD	5	<LOD	6	<LOD
148780130	148740078	93	31	10	223	10	14769	54	<LOD	59	25	2	8	2	35	2	2	1	<LOD	2	53	1	303	2	4	1	150	1	<LOD	5	<LOD	6	<LOD
148780132	148740099	93	51	11	198	10	15464	55	<LOD	60	22	2	6	2	23	2	<LOD	4	<LOD	2	49	1	313	2	5	1	124	1	<LOD	5	<LOD	6	<LOD
148780133	148740045	91	<LOD	46	254	10	17162	59	<LOD	63	17	2	<LOD	9	27	2	<LOD	4	<LOD	2	52	1	289	1	4	1	159	1	<LOD	5	<LOD	6	<LOD
148780134	148740139	101	74	11	307	11	19955	67	<LOD	69	17	2	<LOD	10	26	2	<LOD	4	<LOD	2	47	1	289	2	6	1	128	1	<LOD	5	<LOD	6	<LOD
148780135	148740015	22	<LOD	47	209	10	17884	61	<LOD	65	10	2	9	2	22	2	<LOD	4	<LOD	2	54	1	291	2	4	1	162	1	<LOD	5	<LOD	6	<LOD
148780136	148740131	97	56	10	312	10	25998	79	<LOD	77	21	2	10	2	50	2	<LOD	4	<LOD	2	43	1	266	1	5	1	201	1	<LOD	4	<LOD	6	<LOD
148780137	148740023	91	<LOD	46	168	9	18639	63	<LOD	66	20	2	<LOD	9	23	2	<LOD	4	<LOD	2	53	1	286	1	4	1	68	1	<LOD	4	<LOD	6	<LOD
148780138	148740116	22	55	11	278	11	15992	57	48	12	30	2	7	2	28	2	<LOD	4	<LOD	2	48	1	341	2	10	1	220	1	<LOD	5	5	1	<LOD
148780139	148740063	89	<LOD	43	208	10	13934	52	<LOD	57	13	2	<LOD	9	18	2	<LOD	4	<LOD	2	43	1	297	2	5	1	50	1	<LOD	5	<LOD	6	<LOD
148780140	148740021	91	35	11	205	10	12830	49	<LOD	55	23	2	18	2	30	2	<LOD	4	<LOD	2	51	1	303	2	7	1	121	1	<LOD	5	<LOD	6	<LOD
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148780143	148740138	92	49	10	351	11	15756	56	<LOD	61	27	2	9	2	37	2	<LOD	4	<LOD	2	50	1	309	2	6	1	132	1	<LOD	5	4	1	<LOD
148780144	148740052	19	41	9	303	10	48806	136	<LOD	106	15	2	15	2	33	2	5	1	<LOD	2	45	1	221	1	6	1	149	1	<LOD	4	8	1	<LOD
148780145	148740146	94	<LOD	46	228	10	14319	54	<LOD	59	10	2	12	2	22	2	<LOD	4	<LOD	2	46	1	293	2	2	1	63	1	<LOD	5	<LOD	6	<LOD
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148780150	148740043	91	30	10	187	9	20627	68	<LOD	69	17	2	<LOD	9	26	2	<LOD	4	<LOD	2	45	1	269	1	3	1	77	1	<LOD	4	<LOD	6	<LOD
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148780153	148740010	22	59	11	528	13	22557	82	47	15	44	3	17	2	43	2	4	1	<LOD	3	58	1	307	2	12	1	189	1	<LOD	5	4	1	<LOD
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148780157	148740121	97	36	11	298	11	16707	60	43	13	28	2	17	2	32	2	3	1	<LOD	3	49	1	313	2	12	1	257	2	<LOD	5	5	1	<LOD
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RANDOMIZED SAMPLE NUMBER	FIELD SAMPLE NUMBER	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																																	
		Ag Error1s	Cd	Cd Error1s	Sn	Sn Error1s	Sb	Sb Error1s	Ba	Ba Error1s	La	La Error1s	Ce	Ce Error1s	Pr	Pr Error1s	Nd	Nd Error1s	W	W Error1s	Hg	Hg Error1s	Pb	Pb Error1s	Bi	Bi Error1s	Th	Th Error1s	U	U Error1s	LE	LE Error1s
Nb Analysis:	146	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Historique	1949	74	1949	145	1949	50	1949	1882	1949	456	1949	550	1949	181	1949	216	1949	27	1949	4	1949	1872	1949	0	1949	1927	1949	1336	1949	1949	1949
99 Percentile	Historique	117	20	23	27	32	33	44	422	850	109	2312	131	2513	155	3427	221	4953	21	13	5	9	42	4	#NOMBRE!	35	58	6	18	8	968027	1156
Moyenne	Historique	74	15	19	19	25	25	37	241	39	60	1391	71	1434	91	2493	144	3558	11	11	5	8	12	1	#DIV/0!	32	19	2	6	3	796652	530
Écart type	Historique	15	2	4	2	7	4	7	104	158	26	772	38	898	22	813	35	1270	3	2	1	1	9	1	#DIV/0!	3	10	1	4	3	68333	246
Coeff. var.	Historique	0	0	0	0	0	0	0	0	4	0	1	1	1	0	0	0	0	0	0	0	0	1	1	#DIV/0!	0	1	0	1	1	0	0
Maximum	Historique	173	23	24	28	33	33	46	568	1725	511	3123	833	3316	182	4442	261	6117	23	14	5	9	203	4	0	38	83	12	66	10	979470	1571
Minimum	Historique	1	12	4	16	5	17	6	12	4	28	8	31	9	41	12	54	15	7	2	4	1	2	0	0	17	6	1	2	1	679637	146
Compte	Projet	146	6	146	17	146	5	146	146	146	21	146	22	146	11	146	12	146	0	146	0	146	146	146	0	146	146	146	80	146	146	146
Moyenne	Projet	66	14	22	19	28	27	41	293	10	59	1478	65	1619	93	2452	161	3556	#DIV/0!	12	#DIV/0!	8	12	1	#DIV/0!	33	16	2	4	4	775426	474
Écart type	Projet	3	1	4	2	8	2	7	29	0	7	603	7	678	9	698	28	1061	#DIV/0!	1	#DIV/0!	1	2	0	#DIV/0!	1	4	0	1	3	16595	104
Maximum	Projet	80	16	24	23	33	31	46	361	11	77	1924	83	2086	111	2923	215	4294	0	13	0	9	26	1	0	36	25	2	6	8	828138	1097
Minimum	Projet	60	13	4	17	5	25	8	226	9	50	16	56	18	83	27	128	40	0	10	0	7	8	1	0	27	8	2	3	1	735557	395
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148780137	148740023	68	<LOD	22	18	5	<LOD	42	278	9	<LOD	1733	<LOD	1918	<LOD	2659	<LOD	3884	<LOD	12	<LOD	8	10	1	<LOD	33	12	2	4	1	799922	444
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148780145	148740146	63	<LOD	23	<LOD	31	<LOD	44	235	9	<LOD	1706	<LOD	1877	<LOD	2616	<LOD	3849	<LOD	12	<LOD	9	11	1	<LOD	34	18	2	<LOD	7	790231	462
148780146	148740012	62	<LOD	23	<LOD	31	<LOD	43	286	10	60	17	63	19	88	28	<LOD	3699	<LOD	12	<LOD	9	10	1	<LOD	34	12	2	3	1	771720	462
148780147	148740114	66	<LOD	22	<LOD	30	<LOD	42	319	10	<LOD	1698	64	20	<LOD	2593	<LOD	3802	<LOD	12	<LOD	8	10	1	<LOD	33	13	2	<LOD	7	778835	426
148780148	148740106	64	<LOD	21	<LOD	29	<LOD	41	301	10	<LOD	1684	65	19	111	28	<LOD	3754	<LOD	11	<LOD	8	12	1	<LOD	32	8	2	3	1	800935	395
148780149	148740125	70	<LOD	23	<LOD	31	<LOD	44	341	11	<LOD	1792	<LOD	1968	<LOD	2724	<LOD	3999	<LOD	13	<LOD	9	11	1	<LOD	35	20	2	6	1	742057	472
148780150	148740043	67	<LOD	21	<LOD	29	<LOD	41	247	9	<LOD	1753	<LOD	1925	<LOD	2674	<LOD	3879	<LOD	12	<LOD	8	26	1	<LOD	32	14	2	5	1	816933	438
148780152	148740140	65	<LOD	22	<LOD	31	<LOD	43	343	10	56	18	<LOD	1850	<LOD	2581	<LOD	3782	<LOD	12	<LOD	8	23	1	<LOD	33	13	2	5	1	746751	462
148780153	148740010	70	<LOD	22	<LOD	31	<LOD	43	346	11	66	18	<LOD	1991	<LOD	2768	<LOD	4037	<LOD	13	<LOD	9	13	1	<LOD	35	21	2	<LOD	8	735557	912
148780154	148740137	64	<LOD	22	<LOD	30	<LOD	42	306	10	57	17	<LOD	1851	<LOD	2589	<LOD	3800	<LOD	12	<LOD	8	12	1	<LOD	33	12	2	3	1	782457	447
148780155	148740074	69	<LOD	22	<LOD	30	<LOD	42	310	10	61	17	<LOD	1931	<LOD	2703	<LOD	3968	<LOD	12	<LOD	8	12	1	<LOD	33	11	2	3	1	764275	455
148780156	148740113	62	<LOD	23	<LOD	31	<LOD	44	315	10	<LOD	1655	<LOD	1817	<LOD	2544	<LOD	3712	<LOD	12	<LOD	9	11	1	<LOD	34	13	2	4	1	757884	450
148780157	148740121	70	<LOD	23	<LOD	31	<LOD	43	312	10	<LOD	1785	<LOD	1972	<LOD	2737	<LOD	3999	<LOD	13	<LOD	9	13	1	<LOD	35	21	2	4	1	760547	454
148780158	148740009	66	<LOD	21	<LOD	29	<LOD	40	258	9	<LOD	1678	<LOD	1848	<LOD	2563	<LOD	3756	<LOD	11	<LOD	8	10	1	<LOD	31	11	2	4	1	822935	423
148780159	148740142	65	<LOD	22	<LOD	30	<LOD	42	297	10	<LOD	1710	<LOD	1889	<LOD	2627	<LOD	3821	<LOD	12	<LOD	8	16	1	<LOD	33	15	2	<LOD	7	776266	451
148780160	148740029	66	<LOD	22	<LOD	29	<LOD	41	272	10	<LOD	1703	<LOD	1884	<LOD	2612	<LOD	3827	<LOD	12	<LOD	8	10	1	<LOD	32	9	2	4	1	782842	441
148780162	148740123	70	<LOD	23	<LOD	31	<LOD	43	294	10	<LOD	1784	<LOD	1963	<LOD	2711	<LOD	3971	<LOD	12	<LOD	9	12	1	<LOD	35	20	2	4	1	750729	463
148780163	148740030	65	<LOD	22	<LOD	30	<LOD	42	325	10	<LOD	1689	<LOD	1856	<LOD	2585	<LOD	3789	<LOD	12	<LOD	8	11	1	<LOD	33	14	2	<LOD	7	762570	446

					DATA FOR THE LOSS ON IGNITION AT 700°C						LOI CALCULATIONS (700°C)		
PROJECT NUMBER	SAMPLE	FIELD SAMPLE	SAMPLE TYPE	CERTIFICATE	Batch number	Crucible number	Weight empty crucible predried	Weight material and crucible after pre-drying	Weight material and crucible after LOI (700°C)	Comments	Dry weight	Weight cremated (700°C)	LOI (700°C)
Nb Analyses:	146						(g)	(g)	(g)		(g)	(g)	(%)
Compte	Historique						17737	17713	5876		17669	5829	5774
Moyenne	Historique						21,3423	29,1591	30,6230		7,8404	9,3309	27,5705
Écart-type (σ)	Historique						4,4813	7,0414	7,0212		5,1161	6,8306	30,7993
Maximum	Historique						141,9409	157,5155	51,4219		43,1417	30,4286	100,0000
Minimum	Historique						17,8099	18,2403	17,9339		-20,8484	-0,0013	0,0000
Compte	Projet						146	146	146		146	146	146
Moyenne	Projet						21,5561	42,4616	41,7358		20,9055	20,1798	3,6841
Écart-type (σ)	Projet						1,3345	3,6370	3,7773		3,5261	3,6654	2,2252
Maximum	Projet						25,1944	50,2690	49,8987		30,7989	30,4286	13,9790
Minimum	Projet						18,7875	32,1975	31,8773		9,8879	9,5677	0,9287
1487	148780002	148740119	Horizon B	IOS22-0010	1487-1	302	22,9112	37,4737	36,3408		14,5625	13,4296	7,7796
1487	148780003	148740037	Horizon B	IOS22-0010	1487-1	303	22,0388	39,4766	38,2183		17,4378	16,1795	7,2159
1487	148780004	148740057	Horizon B	IOS22-0010	1487-1	304	21,6422	40,9597	40,1365		19,3175	18,4943	4,2614
1487	148780005	148740067	Horizon B	IOS22-0010	1487-1	305	22,3096	32,1975	31,8773	Vidé.	9,8879	9,5677	3,2383
1487	148780006	148740100	Horizon B	IOS22-0010	1487-1	306	22,2609	47,7480	47,2057		25,4871	24,9448	2,1277
1487	148780007	148740083	Horizon B	IOS22-0010	1487-1	307	20,0478	40,8440	39,7462		20,7962	19,6984	5,2788
1487	148780008	148740109	Horizon B	IOS22-0010	1487-1	308	21,3071	44,4748	44,0838		23,1677	22,7767	1,6877
1487	148780009	148740041	Horizon B	IOS22-0010	1487-1	309	23,5217	43,7551	42,8636		20,2334	19,3419	4,4061
1487	148780010	148740027	Horizon B	IOS22-0010	1487-1	310	20,8709	37,9644	36,6889		17,0935	15,8180	7,4619
1487	148780012	148740035	Horizon B	IOS22-0010	1487-1	312	24,7417	44,4249	43,9338		19,6832	19,1921	2,4950
1487	148780013	148740094	Horizon B	IOS22-0010	1487-1	313	20,7017	44,5224	43,9464		23,8207	23,2447	2,4181
1487	148780014	148740046	Horizon B	IOS22-0010	1487-1	314	21,9057	42,0023	41,3447		20,0966	19,4390	3,2722
1487	148780015	148740085	Horizon B	IOS22-0010	1487-1	315	20,4441	38,4895	37,5355		18,0454	17,0914	5,2867
1487	148780016	148740071	Horizon B	IOS22-0010	1487-1	316	23,0683	47,5824	46,9677		24,5141	23,8994	2,5075
1487	148780017	148740014	Horizon B	IOS22-0010	1487-1	317	22,6773	46,7344	46,4067		24,0571	23,7294	1,3622
1487	148780018	148740103	Horizon B	IOS22-0010	1487-1	318	19,3474	44,4027	43,3420		25,0553	23,9946	4,2334
1487	148780019	148740133	Horizon B	IOS22-0010	1487-1	319	23,9568	47,4329	47,0110		23,4761	23,0542	1,7971
1487	148780020	148740141	Horizon B	IOS22-0010	1487-1	320	23,2216	44,5904	43,7839		21,3688	20,5623	3,7742
1487	148780022	148740129	Horizon B	IOS22-0010	1487-1	322	21,1103	46,6889	45,6879		25,5786	24,5776	3,9134
1487	148780023	148740039	Horizon B	IOS22-0010	1487-1	323	22,0759	44,6813	44,1710		22,6054	22,0951	2,2574
1487	148780024	148740006	Horizon B	IOS22-0010	1487-1	326	22,8767	40,8045	40,0078		17,9278	17,1311	4,4439
1487	148780025	148740101	Horizon B	IOS22-0010	1487-1	327	21,4921	43,3211	42,6463		21,829	21,1542	3,0913
1487	148780026	148740070	Horizon B	IOS22-0010	1487-1	22	22,4517	49,7795	49,5257		27,3278	27,0740	0,9287
1487	148780027	148740060	Horizon B	IOS22-0010	1487-1	329	22,4538	48,1112	47,7709		25,6574	25,3171	1,3263
1487	148780028	148740020	Horizon B	IOS22-0010	1487-1	330	23,3883	41,5003	40,3990		18,112	17,0107	6,0805
1487	148780029	148740089	Horizon B	IOS22-0010	1487-1	331	21,6758	42,7958	42,1637		21,12	20,4879	2,9929
1487	148780030	148740111	Horizon B	IOS22-0010	1487-1	332	21,3738	41,6899	41,4215		20,3161	20,0477	1,3211
1487	148780032	148740032	Horizon B	IOS22-0010	1487-1	334	23,2618	39,2089	38,7525		15,9471	15,4907	2,8620
1487	148780033	148740028	Horizon B	IOS22-0010	1487-1	335	19,5907	43,6921	43,1712		24,1014	23,5805	2,1613
1487	148780034	148740061	Horizon B	IOS22-0010	1487-1	336	21,3999	44,9239	44,2953		23,524	22,8954	2,6722
1487	148780035	148740077	Horizon B	IOS22-0010	1487-1	337	23,7827	44,5224	43,7911		20,7397	20,0084	3,5261
1487	148780036	148740102	Horizon B	IOS22-0010	1487-1	338	23,2267	43,2956	42,2007		20,0689	18,9740	5,4557
1487	148780037	148740048	Horizon B	IOS22-0010	1487-1	339	23,3969	45,2639	44,7279		21,867	21,3310	2,4512
1487	148780038	148740019	Horizon B	IOS22-0010	1487-1	340	21,2389	36,9358	36,4227		15,6969	15,1838	3,2688
1487	148780039	148740092	Horizon B	IOS22-0010	1487-1	341	22,3744	41,5603	41,0225		19,1859	18,6481	2,8031
1487	148780040	148740082	Horizon B	IOS22-0010	1487-1	342	20,8507	42,0644	41,6637		21,2137	20,8130	1,8889
1487	148780042	148740075	Horizon B	IOS22-0010	1487-1	344	21,2104	44,8295	44,4683		23,6191	23,2579	1,5293
1487	148780043	148740110	Horizon B	IOS22-0010	1487-1	345	22,2852	43,5324	43,0984		21,2472	20,8132	2,0426
1487	148780044	148740128	Horizon B	IOS22-0010	1487-1	346	23,8535	43,2667	42,1473		19,4132	18,2938	5,7662
1487	148780045	148740135	Horizon B	IOS22-0010	1487-1	347	23,1405	48,7909	48,3843		25,6504	25,2438	1,5852
1487	148780046	148740097	Horizon B	IOS22-0010	1487-1	23	21,4478	41,8746	41,3817		20,4268	19,9339	2,4130
1487	148780047	148740076	Horizon B	IOS22-0010	1487-1	349	21,8887	45,2556	44,7877		23,3669	22,8990	2,0024
1487	148780048	148740064	Horizon B	IOS22-0010	1487-1	24	21,0459	41,5762	40,6865		20,5303	19,6406	4,3336
1487	148780049	148740033	Horizon B	IOS22-0010	1487-1	325	23,9712	38,0264	36,8611		14,0552	12,8899	8,2909
1487	148780050	148740003	Horizon B	IOS22-0010	1487-1	352	20,0148	43,3785	42,9405		23,3637	22,9257	1,8747
1487	148780052	148740124	Horizon B	IOS22-0010	1487-1	354	20,3640	36,6999	36,0410		16,3359	15,6770	4,0334
1487	148780053	148740013	Horizon B	IOS22-0010	1487-1	355	18,7875	35,0842	33,5785		16,2967	14,7910	9,2393
1487	148780054	148740134	Horizon B	IOS22-0010	1487-1	356	21,1725	39,7954	39,2386		18,6229	18,0661	2,9899
1487	148780055	148740036	Horizon B	IOS22-0010	1487-1	357	21,5745	43,6424	42,8594		22,0679	21,2849	3,5481
1487	148780056	148740065	Horizon B	IOS22-0010	1487-1	358	21,2726	40,3354	39,3244		19,0628	18,0518	5,3035
1487	148780057	148740126	Horizon B	IOS22-0010	1487-1	359	22,1424	37,6354	36,3827		15,493	14,2403	8,0856
1487	148780058	148740042	Horizon B	IOS22-0010	1487-1	360	22,1430	48,3853	47,8877		26,2423	25,7447	1,8962
1487	148780059	148740062	Horizon B	IOS22-0010	1487-1	361	19,1871	40,8499	40,4385		21,6628	21,2514	1,8991
1487	148780060	148740132	Horizon B	IOS22-0010	1487-1	362	20,7571	46,6514	46,3898		25,8943	25,6327	1,0103
1487	148780062	148740050	Horizon B	IOS22-0010	1487-1	364	22,4493	41,3704	40,8233		18,9211	18,3740	2,8915
1487	148780063	148740068	Horizon B	IOS22-0010	1487-1	365	22,1611	40,1217	39,7270		17,9606	17,5659	2,1976
1487	148780064	148740017	Horizon B	IOS22-0010	1487-1	366	22,5729	44,1408	43,6620		21,5679	21,0891	2,2200
1487	148780065	148740084	Horizon B	IOS22-0010	1487-1	561	21,3209	41,6172	40,6830		20,2963	19,3621	4,6028
1487	148780066	148740107	Horizon B	IOS22-0010	1487-1	368	22,6875	46,8305	46,5118		24,143	23,8243	1,3201
1487	148780067	148740086	Horizon B	IOS22-0010	1487-1	369	22,3419	41,4948	40,7576		19,1529	18,4157	3,8490
1487	148780068	148740044	Horizon B	IOS22-0010	1487-1	370	22,5153	45,7845	45,0189		23,2692	22,5036	3,2902
1487	148780069	148740127	Horizon B	IOS22-0010	1487-1	371	22,7288	42,4176	41,7533		19,6888	19,0245	3,3740
1487	148780070	148740053	Horizon B	IOS22-0010	1487-1	372	23,2314	43,9971	43,4227		20,7657	20,1913	2,7661
1487	148780072	148740034	Horizon B	IOS22-0010	1487-1	374	21,4796	40,8827	40,1026		19,4031	18,6230	4,0205
1487	148780073	148740018	Horizon B	IOS22-0010	1487-1	375	20,2765	38,8570	37,9739		18,5805	17,6974	4,7528
1487	148780074	148740098	Horizon B	IOS22-0010	1487-1	376	20,6313	40,1862	39,7842		19,5549	19,1529	2,0558
1487	148780075	148740008	Horizon B	IOS22-0010	1487-1	377	21,4058	43,1899	42,4991		21,7841	21,0933	3,1711
1487	148780076	148740118	Horizon B	IOS22-0010	1487-1	378	20,2173	35,7929	35,5952		15,5756	15,3779	1,2693
1487	148780077	148740040	Horizon B	IOS22-0010	1487-1	379	22,2931	43,6073	43,1065		21,3142	20,8134	2,3496
1487	148780078	148740007	Horizon B	IOS22-0010	1487-1	380	23,3360	44,5442	44,1485		21,2082	20,8125	1,8658
1487	148780079	148740147	Horizon B	IOS22-0010	1487-1	381	20,0871	45,3335	44,8431		25,2464	24,7560	1,9425
1487	148780080	148740004	Horizon B	IOS22-0010	1487-1	382	21,8534	42,6057	40,5673		20,7523	18,7139	9,8225
1487	148780082	148740095	Horizon B	IOS22-0010	1487-1	384	20,6931	46,2013	45,5628		25,5082	24,8697	2,5031
1487	148780083	148740055	Horizon B	IOS22-0010	1487-1	385	21,1675	39,0147	38,5313		17,8472	17,3638	2,7085
1487	148780084	148740079	Horizon B	IOS22-0010	1487-1	386	23,0048	49,7931	49,2524		26,7883	26,2476	2,0184
1487	148780085	148740143	Horizon B	IOS22-0010	1487-1	387	22,9016	44,7699	43,4654		21,8683	20,5638	5,9653
1487	148780086	148740136	Horizon B	IOS22-0010	1487-1	388	23,4668	49,3223	48,8844		25,8555	25,4176	1,6936
1487	148780087	148740038	Horizon B	IOS22-0010	1487-1	389	20,2681	40,6196	39,5093		20,3515	19,2412	5,4556
1487	148780088	148740096	Horizon B	IOS22-0010	1487-1	390	21,3307	49,4989	48,9961		28,1682	27,6654	1,7850
1487	148780089	148740120	Horizon B	IOS22-0010	1487-1	391	20,7304	42,3612	41,8127		21,6308	21,0823	2,5357
1487	148780090	148740051	Horizon B	IOS22-0010	1487-1	392	25,1944	46,6169	45,9348		21,4225	20,7404	3,1840
1487	148780092	148740073	Horizon B	IOS22-0010	1487-1	394	21,4605	43,5275	42,6145		22,067	21,1540	4,1374

					DATA FOR THE LOSS ON IGNITION AT 700°C						LOI CALCULATIONS (700°C)		
PROJECT NUMBER	SAMPLE	FIELD SAMPLE	SAMPLE TYPE	CERTIFICATE	Batch number	Crucible number	Weight empty crucible predried	Weight material and crucible after pre-drying	Weight material and crucible after LOI (700°C)	Comments	Dry weight	Weight cremated (700°C)	LOI (700°C)
Nb Analyses:	146						(g)	(g)	(g)		(g)	(g)	(%)
Compte	Historique						17737	17713	5876		17669	5829	5774
Moyenne	Historique						21,3423	29,1591	30,6230		7,8404	9,3309	27,5705
Écart-type (σ)	Historique						4,4813	7,0414	7,0212		5,1161	6,8306	30,7993
Maximum	Historique						141,9409	157,5155	51,4219		43,1417	30,4286	100,0000
Minimum	Historique						17,8099	18,2403	17,9339		-20,8484	-0,0013	0,0000
Compte	Projet						146	146	146		146	146	146
Moyenne	Projet						21,5561	42,4616	41,7358		20,9055	20,1798	3,6841
Écart-type (σ)	Projet						1,3345	3,6370	3,7773		3,5261	3,6654	2,2252
Maximum	Projet						25,1944	50,2690	49,8987		30,7989	30,4286	13,9790
Minimum	Projet						18,7875	32,1975	31,8773		9,8879	9,5677	0,9287
1487	148780093	148740026	Horizon B	IOS22-0010	1487-1	395	22,0468	42,9473	41,8136		20,9005	19,7668	5,4243
1487	148780094	148740105	Horizon B	IOS22-0010	1487-1	396	20,8016	41,2431	40,5659		20,4415	19,7643	3,3129
1487	148780095	148740088	Horizon B	IOS22-0010	1487-1	397	21,4483	42,7976	42,2463		21,3493	20,7980	2,5823
1487	148780096	148740005	Horizon B	IOS22-0010	1487-1	398	23,0195	37,0913	35,1242		14,0718	12,1047	13,9790
1487	148780097	148740080	Horizon B	IOS22-0010	1487-1	399	23,0116	47,3007	46,6649		24,2891	23,6533	2,6176
1487	148780098	148740072	Horizon B	IOS22-0010	1487-2	400	19,4701	50,2690	49,8987		30,7989	30,4286	1,2023
1487	148780099	148740054	Horizon B	IOS22-0010	1487-2	571	20,8467	44,2028	43,4672		23,3561	22,6205	3,1495
1487	148780100	148740087	Horizon B	IOS22-0010	1487-2	562	21,9571	40,8571	39,5304		18,9	17,5733	7,0196
1487	148780102	148740117	Horizon B	IOS22-0010	1487-2	204	21,3475	36,5442	35,9065		15,1967	14,5590	4,1963
1487	148780103	148740016	Horizon B	IOS22-0010	1487-2	205	20,5925	37,8159	36,9767		17,2234	16,3842	4,8724
1487	148780104	148740025	Horizon B	IOS22-0010	1487-2	206	20,4869	40,1194	39,5716		19,6325	19,0847	2,7903
1487	148780105	148740145	Horizon B	IOS22-0010	1487-2	567	23,9694	49,2424	48,2608		25,273	24,2914	3,8840
1487	148780106	148740090	Horizon B	IOS22-0010	1487-2	208	20,6225	45,5105	45,0347		24,888	24,4122	1,9118
1487	148780107	148740144	Horizon B	IOS22-0010	1487-2	209	21,3112	42,4155	41,5212		21,1043	20,2100	4,2375
1487	148780108	148740024	Horizon B	IOS22-0010	1487-2	210	22,6623	40,0573	39,5324		17,395	16,8701	3,0175
1487	148780109	148740091	Horizon B	IOS22-0010	1487-2	211	20,8033	45,3944	45,0118		24,5911	24,2085	1,5558
1487	148780110	148740069	Horizon B	IOS22-0010	1487-2	212	23,8459	44,6202	44,2698		20,7743	20,4239	1,6867
1487	148780112	148740031	Horizon B	IOS22-0010	1487-2	214	19,7031	38,6451	37,8306		18,942	18,1275	4,3000
1487	148780113	148740122	Horizon B	IOS22-0010	1487-2	215	21,9134	37,0997	36,3974		15,1863	14,4840	4,6246
1487	148780114	148740059	Horizon B	IOS22-0010	1487-2	216	19,8473	48,2234	47,7445		28,3761	27,8972	1,6877
1487	148780115	148740112	Horizon B	IOS22-0010	1487-2	217	19,3992	41,0730	40,3859		21,6738	20,9867	3,1702
1487	148780116	148740081	Horizon B	IOS22-0010	1487-2	218	21,8487	42,9071	42,0534		21,0584	20,2047	4,0540
1487	148780117	148740001	Horizon B	IOS22-0010	1487-2	219	21,3640	42,4267	41,8238		21,0627	20,4598	2,8624
1487	148780118	148740058	Horizon B	IOS22-0010	1487-2	220	20,0842	40,8724	40,3196		20,7882	20,2354	2,6592
1487	148780119	148740115	Horizon B	IOS22-0010	1487-2	221	20,4062	35,7968	35,0835		15,3906	14,6773	4,6346
1487	148780120	148740022	Horizon B	IOS22-0010	1487-2	222	21,3971	41,7228	40,8417		20,3257	19,4446	4,3349
1487	148780122	148740056	Horizon B	IOS22-0010	1487-2	126	23,4713	43,8792	43,4730		20,4079	20,0017	1,9904
1487	148780123	148740002	Horizon B	IOS22-0010	1487-2	127	20,3232	35,9742	34,2760		15,651	13,9528	10,8504
1487	148780124	148740108	Horizon B	IOS22-0010	1487-2	128	18,9582	42,3011	41,8947		23,3429	22,9365	1,7410
1487	148780125	148740011	Horizon B	IOS22-0010	1487-2	129	21,2866	46,3049	45,6594		25,0183	24,3728	2,5801
1487	148780126	148740047	Horizon B	IOS22-0010	1487-2	130	19,9138	39,5495	38,1869		19,6357	18,2731	6,9394
1487	148780127	148740104	Horizon B	IOS22-0010	1487-2	131	20,6336	41,6599	40,6165		21,0263	19,9829	4,9624
1487	148780128	148740066	Horizon B	IOS22-0010	1487-2	132	21,1634	44,6915	44,2809		23,5281	23,1175	1,7451
1487	148780129	148740093	Horizon B	IOS22-0010	1487-2	133	20,7828	45,3425	44,7031		24,5597	23,9203	2,6035
1487	148780130	148740078	Horizon B	IOS22-0010	1487-2	134	21,8689	45,8778	45,3156		24,0089	23,4467	2,3416
1487	148780132	148740099	Horizon B	IOS22-0010	1487-2	136	22,9406	44,0403	43,5321		21,0997	20,5915	2,4086
1487	148780133	148740045	Horizon B	IOS22-0010	1487-2	137	19,7329	40,7299	39,8980		20,997	20,1651	3,9620
1487	148780134	148740139	Horizon B	IOS22-0010	1487-2	138	23,5423	42,0857	41,4994		18,5434	17,9571	3,1618
1487	148780135	148740015	Horizon B	IOS22-0010	1487-2	139	21,5305	40,9116	40,3568		19,3811	18,8263	2,8626
1487	148780136	148740131	Horizon B	IOS22-0010	1487-2	140	20,5535	40,8906	39,8460		20,3371	19,2925	5,1364
1487	148780137	148740023	Horizon B	IOS22-0010	1487-2	141	19,7642	37,7997	37,0994		18,0355	17,3352	3,8829
1487	148780138	148740116	Horizon B	IOS22-0010	1487-2	142	20,7953	38,4671	38,0684		17,6718	17,2731	2,2561
1487	148780139	148740063	Horizon B	IOS22-0010	1487-2	143	19,5382	44,4819	43,8172		24,9437	24,2790	2,6648
1487	148780140	148740021	Horizon B	IOS22-0010	1487-2	144	20,1791	40,3057	39,2958		20,1266	19,1167	5,0177
1487	148780142	148740049	Horizon B	IOS22-0010	1487-2	146	19,5728	43,6180	42,9820		24,0452	23,4092	2,6450
1487	148780143	148740138	Horizon B	IOS22-0010	1487-2	147	21,7027	48,2875	47,7681		26,5848	26,0654	1,9537
1487	148780144	148740052	Horizon B	IOS22-0010	1487-2	148	20,7445	35,1492	33,2698		14,4047	12,5253	13,0471
1487	148780145	148740146	Horizon B	IOS22-0010	1487-2	149	19,9373	47,4250	46,4092		27,4877	26,4719	3,6955
1487	148780146	148740012	Horizon B	IOS22-0010	1487-2	150	19,7585	44,9323	44,5371		25,1738	24,7786	1,5699
1487	148780147	148740114	Horizon B	IOS22-0010	1487-2	151	19,3175	38,7676	37,8179		19,4501	18,5004	4,8828
1487	148780148	148740106	Horizon B	IOS22-0010	1487-2	152	20,5292	37,4469	36,0162		16,9177	15,4870	8,4568
1487	148780149	148740125	Horizon B	IOS22-0010	1487-2	153	22,8825	37,1087	36,7147		14,2262	13,8322	2,7695
1487	148780150	148740043	Horizon B	IOS22-0010	1487-2	154	23,0188	39,3527	38,2988		16,3339	15,2800	6,4522
1487	148780152	148740140	Horizon B	IOS22-0010	1487-2	156	20,2891	40,3027	39,9262		20,0136	19,6371	1,8812
1487	148780153	148740010	Horizon B	IOS22-0010	1487-2	157	19,8408	35,4903	34,9120		15,6495	15,0712	3,6953
1487	148780154	148740137	Horizon B	IOS22-0010	1487-2	108	22,1909	45,3044	44,6303		23,1135	22,4394	2,9165
1487	148780155	148740074	Horizon B	IOS22-0010	1487-2	159	20,9355	41,3073	40,7598		20,3718	19,8243	2,6875
1487	148780156	148740113	Horizon B	IOS22-0010	1487-2	160	19,0222	45,4413	44,9534		26,4191	25,9312	1,8468
1487	148780157	148740121	Horizon B	IOS22-0010	1487-2	161	22,2887	36,9937	36,0729		14,705	13,7842	6,2618
1487	148780158	148740009	Horizon B	IOS22-0010	1487-2	162	22,4248	44,4674	42,8458		22,0426	20,4210	7,3567
1487	148780159	148740142	Horizon B	IOS22-0010	1487-2	163	22,3764	42,4689	41,6999		20,0925	19,3235	3,8273
1487	148780160	148740029	Horizon B	IOS22-0010	1487-2	164	20,4157	42,0634	40,9649		21,6477	20,5492	5,0744
1487	148780162	148740123	Horizon B	IOS22-0010	1487-2	166	20,5965	37,5693	36,6397		16,9728	16,0432	5,4770
1487	148780163	148740030	Horizon B	IOS22-0010	1487-2	167	23,0969	43,3854	42,8035		20,2885	19,7066	2,8681

APPENDIX 4

ANALYTICAL QUALITY CONTROL FOR HH-XRF (IOS)

ANALYTICAL QUALITY CONTROL FOR HH-XRF

The material for X-ray fluorescence analysis, including the QAQC, is the same as submitted for chemical analysis, < 250 µm. Calibrations were tested every day. Blank and internal reference materials were analyzed periodically for quality control. The various tables in ***appendix4*** show the results of analytical quality control for HH-XRF.

Quality analysis can be obtained with HH-XRF, at the moment proper care is taken into calibrating every element, and that proper deconvolution algorithm is used. Light element, with atomic number below magnesium, cannot be measured accurately with the model of spectrometer that has been used. Elements with spectral interferences (ex.: sulfur, lead and molybdenum) can hardly be deconvoluted accurately. Detection limits are variable depending on elements and host matrix, and calculated for each analysis. Analysis close to detection limits are typically plagued with non-zero discrepancies.

Analyses of light elements such as magnesium, aluminium, and silicium are sensitive to X-ray absorption in air and are commonly discrepant. These elements are too abundant to be calculated from Compton normalization, and are hence sensitive to matrix corrections, itself sensitive to their absolute abundance which is typically underestimated due to adsorption.

Internal reference materials

Two types of internal reference materials have been inserted among samples after the random renumbering. These reference materials are indistinguishable, except for quartz blank, from regular samples and were manufactured so they cannot be detected by laboratories. They enable detection of quality issues affecting the whole analytical process, including bias, instrumental drifts, dissolution problems and samples inversion. However, it does not validate the preparation steps at IOS.

The first internal reference material MRIHB20-2 was analyzed 16 times within this project. This material consists of 17 kg of homogenized B-horizon that has been dried and sieved at 250 µm, mixed and homogenized by quarter split and divided in 150 g aliquots. Results are presented in ***appendix 4***, ***tables 1***. Of these, 8 aliquots were analyzed by HH-XRF and shipped for Ionic Leach. However, since HH-XRF were not satisfactory (Al, Si, P, K, Ca in yellow or orange samples148780091, 148780111, 148780131, 148780151), 4 measurements were made on a single capsule that were still discrepant for light elements too (analysis #3 to 6 named MRIHB20-2), suggesting this related to a low-energy X-ray absorption issue. Then, four other analyzed were made, using capsule with a new Mylar membrane, with acceptable results (analysis #7 to 10 named MRIHB20-2). A doubt persists if a drift of the spectrometer occurred, although the blanks analysis does not corroborate it. This implies that analyses of light elements

in the routine samples are probably not reliable, but since these are not used in interpretation, corrections of the analyses were not attempted.

HH-XRF spectrometer has detections limits in the order of a few tens to a few hundred of ppm. Reading below or near the detection limits are abundant for most elements.

The second internal reference material is blanks made of cleaned quartz. It was inserted 9 times among the B-Horizon samples for analysis by HH-XRF. These results are presented in ***appendix 4***, ***table 2***. This quartz is from the from the La Galette quartzite (Sitec Amerique du Nord inc.) which was cleaned, pulverized and sieved at 90 microns prior to insertion for analysis and the fraction < 90 µm was inserted. We notice that the Si is underestimated on 2 blanks, the P is underestimated for 3 blanks, the Ca, Mn and Fe for one blank and inversely Th is overestimated for 3 blanks.

‘’Blank’’ Vanta

The "Blank Vanta" reference material is a fused quartz glass provided by Olympus for the calibration of the instrument. It was analyzed 3 times for this project and the results are presented in ***table 3*** of ***appendix 4***. No problem was detected.

The instrument was calibrated every day and routinely every 80 analyzes. Calibrations schedule is presented in ***table 4*** of ***appendix 4.***

CHIMISTE
Karen Gagné
2003-137

1487_2021_Report_Soils_XRF
Victoria Creek, February 21st, 2022

Karen Gagné, chemist
OCQ nº 2003-137

PROJECT NUMBER	RANDOMIZED SAMPLE NUMBER	READING #	XRF MODE	COMMENT	CERTIFICATE	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																						
						Mg	Mg Error1s	Al	Al Error1s	Si	Si Error1s	P	P Error1s	S	S Error1s	K	K Error1s	Ca	Ca Error1s	Ti	Ti Error1s	V	V Error1s	Cr	Cr Error1s	Mn	Mn Error1s	Fe
Nb Analysis:	16					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Compte					1	57	57	57	57	57	57	57	55	57	57	57	57	57	57	57	35	57	56	57	57	57	57
99 Percentile	99 Percentile					4134	10062	39696	339	142014	381	3404	32	238	416	7489	34	7876	30	2878	73	104	94	74	25	233	9	33786
Moyenne	Moyenne					4134	7586	37930	319	133038	351	3144	31	148	37	7203	33	7581	29	2723	71	75	47	48	10	209	9	33185
Écart type	Écart type					#DIV/0!	1210	1184	8	7013	10	124	1	38	73	256	1	212	1	80	1	13	36	9	5	10	0	383
Maximum	Maximum					4134	10756	39776	340	142428	401	3405	33	246	437	7508	35	7880	31	2885	73	106	94	79	45	237	10	33809
Minimum	Minimum					4134	942	33104	306	104298	313	2758	30	82	23	6016	31	6658	27	2574	69	55	18	33	9	189	9	31666
X+2σ	**X+2σ**					**#DIV/0!**	**10006**	**40299**	**336**	**147063**	**372**	**3393**	**32**	**225**	**184**	**7715**	**34**	**8004**	**30**	**2883**	**72**	**101**	**119**	**66**	**19**	**229**	**9**	**33952**
X-2σ	**X-2σ**					**#DIV/0!**	**5166**	**35561**	**303**	**119013**	**331**	**2895**	**30**	**71**	**-110**	**6690**	**32**	**7157**	**28**	**2562**	**69**	**50**	**-25**	**30**	**0**	**188**	**9**	**32418**
Compte	Compte					0	16	16	16	16	16	16	16	15	16	16	16	16	16	16	16	13	16	16	16	16	16	16
Moyenne	Moyenne					#DIV/0!	8405	37523	327	127178	348	3062	32	141	49	7024	33	7450	29	2732	71	78	33	45	9	210	9	32957
Écart type	Écart type					#DIV/0!	853	1831	6	9680	13	131	1	36	103	397	1	324	1	92	1	13	30	9	0	9	0	557
Coefficient va	Coefficient var.							5	2	8	4	4	2	**25**	209	6	3	4	3	3	1					4	3	2
Maximum	Maximum					0	10756	39776	340	136583	361	3218	32	208	437	7474	34	7880	30	2873	73	106	93	63	10	221	10	33809
Minimum	Minimum					0	7273	33104	318	104298	313	2758	31	92	23	6016	31	6658	27	2600	70	58	18	33	9	190	9	31666
1487	148780011	13	Geochem(3-Beam)		IOS22-0003	<LOD	8392	37858	328	135659	358	3075	32	208	24	7325	34	7880	30	2600	70	70	18	63	10	212	9	32984
1487	148780031	34	Geochem(3-Beam)		IOS22-0003	<LOD	7273	37231	319	136583	357	3143	32	125	23	7424	34	7873	30	2854	71	73	19	57	10	213	9	32520
1487	148780051	54	Geochem(3-Beam)		IOS22-0003	<LOD	7681	37443	322	130476	349	3037	31	144	23	7180	33	7522	29	2656	71	71	19	50	9	212	9	33809
1487	148780071	3	Geochem(3-Beam)		IOS22-0003	<LOD	8497	38386	340	134415	361	3044	32	100	24	7247	34	7722	30	2679	71	77	19	39	9	197	9	33424
1487	148780091	25	Geochem(3-Beam)		IOS22-0003	<LOD	8797	34224	323	124095	353	2758	31	97	24	6892	34	7407	30	2721	73	69	19	40	10	220	9	33202
1487	148780111	45	Geochem(3-Beam)		IOS22-0003	<LOD	9517	33104	324	113611	341	2763	31	93	24	6753	34	7210	30	2674	73	58	19	53	10	221	10	33193
1487	148780131	66	Geochem(3-Beam)		IOS22-0003	<LOD	8311	37319	321	114017	326	3051	31	188	23	6509	32	7142	28	2678	70	87	19	56	9	194	9	33348
1487	148780151	86	Geochem(3-Beam)		IOS22-0003	<LOD	10756	35751	318	104298	313	3096	31	151	23	6016	31	6658	27	2862	70	92	18	35	9	221	9	33621
1487	MRIHB20-2	3	Geochem(3-Beam)		IOS22-0003	<LOD	8753	38276	336	123332	344	3072	32	139	24	6807	33	7189	28	2616	70	<LOD	92	48	9	211	9	33110
1487	MRIHB20-2	4	Geochem(3-Beam)		IOS22-0003	<LOD	8695	38093	333	123141	342	3070	32	165	23	6851	33	7202	28	2729	71	91	19	42	9	190	9	32942
1487	MRIHB20-2	5	Geochem(3-Beam)		IOS22-0003	<LOD	8416	36967	328	126273	346	3067	32	<LOD	437	6833	33	7389	29	2843	70	65	19	40	9	218	9	32744
1487	MRIHB20-2	6	Geochem(3-Beam)		IOS22-0003	<LOD	8202	38178	329	128260	349	3053	31	185	23	7001	33	7359	29	2679	71	80	19	46	9	217	9	33267
1487	MRIHB20-2	7	Geochem(3-Beam)	New pellet	IOS22-0003	<LOD	7757	39326	331	134867	357	3200	32	136	24	7333	34	7643	30	2778	72	<LOD	93	37	9	210	9	32842
1487	MRIHB20-2	8	Geochem(3-Beam)	New pellet	IOS22-0003	<LOD	7685	39776	331	134087	355	3159	32	150	24	7268	34	7564	29	2655	71	106	19	41	9	209	9	32588
1487	MRIHB20-2	9	Geochem(3-Beam)	New pellet	IOS22-0003	<LOD	8336	39087	326	135242	354	3186	32	148	23	7466	34	7653	29	2817	72	<LOD	92	33	9	207	9	32052
1487	MRIHB20-2	10	Geochem(3-Beam)	New pellet	IOS22-0003	<LOD	7419	39350	327	136491	357	3218	32	92	24	7474	34	7789	30	2873	72	77	19	45	9	209	9	31666

PROJECT NUMBER	RANDOMIZED SAMPLE NUMBER	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																															
		Fe Error1s	Co	Co Error1s	Ni	Ni Error1s	Cu	Cu Error1s	Zn	Zn Error1s	As	As Error1s	Se	Se Error1s	Rb	Rb Error1s	Sr	Sr Error1s	Y	Y Error1s	Zr	Zr Error1s	Nb	Nb Error1s	Mo	Mo Error1s	Ag	Ag Error1s	Cd	Cd Error1s	Sn	Sn Error1s
Nb Analysis:	16	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Compte	57	12	57	57	57	57	57	57	57	29	57	0	57	57	57	57	57	57	57	57	57	12	57	12	57	0	57	0	57	3	57
99 Percentile	99 Percentile	102	67	89	27	2	21	2	41	2	4	3	#NOMBRE!	2	41	1	233	1	12	1	176	1	3	4	5	6	#NOMBRE!	71	#NOMBRE!	21	17	28
Moyenne	Moyenne	94	57	71	22	2	16	2	37	2	3	2	#DIV/0!	2	40	1	227	1	8	1	159	1	3	3	5	5	#DIV/0!	67	#DIV/0!	20	17	26
Écart type	Écart type	2	7	29	3	0	2	0	2	0	1	1	#DIV/0!	0	1	0	2	0	2	0	8	0	0	1	1	2	#DIV/0!	2	#DIV/0!	0	0	5
Maximum	Maximum	105	67	90	27	2	21	2	41	2	4	3	0	2	41	1	235	1	13	1	179	1	3	4	5	6	0	72	0	21	17	29
Minimum	Minimum	91	48	16	16	2	9	2	32	2	2	1	0	2	38	1	223	1	5	1	149	1	2	1	4	1	0	63	0	20	17	5
X+2σ	**X+2σ**	**98**	**70**	**128**	**27**	**2**	**20**	**2**	**42**	**2**	**4**	**4**	**#DIV/0!**	**2**	**41**	**1**	**231**	**1**	**11**	**1**	**175**	**1**	**4**	**6**	**6**	**9**	**#DIV/0!**	**70**	**#DIV/0!**	**20**	**17**	**36**
X-2σ	**X-2σ**	**90**	**43**	**14**	**17**	**2**	**11**	**2**	**33**	**2**	**2**	**0**	**#DIV/0!**	**2**	**38**	**1**	**222**	**1**	**5**	**1**	**144**	**1**	**2**	**1**	**3**	**1**	**#DIV/0!**	**64**	**#DIV/0!**	**20**	**17**	**16**
Compte	Compte	16	3	16	16	16	16	16	16	16	9	16	0	16	16	16	16	16	16	16	16	16	5	16	4	16	0	16	0	16	2	16
Moyenne	Moyenne	95	57	73	21	2	15	2	37	2	3	2	#DIV/0!	2	39	1	228	1	7	1	166	1	3	3	4	5	#DIV/0!	67	#DIV/0!	20	17	25
Écart type	Écart type	2	8	28	2	0	2	0	3	0	0	1	#DIV/0!	0	1	0	3	0	1	0	9	0	0	1	1	2	#DIV/0!	2	#DIV/0!	0	0	8
Coefficient va	Coefficient var.	2			9	0			7	0					2	0	1	0	14	0	5	0								2		
Maximum	Maximum	100	64	90	25	2	19	2	41	2	3	3	0	2	41	1	235	1	9	1	179	1	3	4	5	6	0	72	0	21	17	29
Minimum	Minimum	91	48	16	18	2	12	2	32	2	2	1	0	2	38	1	223	1	5	1	150	1	2	1	4	1	0	64	0	20	17	5
1487	148780011	94	<LOD	86	21	2	14	2	41	2	<LOD	3	<LOD	2	40	1	229	1	7	1	171	1	2	1	<LOD	6	<LOD	64	<LOD	20	<LOD	27
1487	148780031	93	<LOD	85	20	2	16	2	39	2	<LOD	3	<LOD	2	39	1	227	1	9	1	179	1	<LOD	4	<LOD	6	<LOD	68	<LOD	20	<LOD	27
1487	148780051	96	<LOD	86	24	2	14	2	36	2	3	1	<LOD	2	40	1	226	1	6	1	161	1	<LOD	4	<LOD	6	<LOD	64	<LOD	20	<LOD	27
1487	148780071	96	59	16	25	2	13	2	37	2	<LOD	3	<LOD	2	39	1	230	1	9	1	154	1	<LOD	4	<LOD	6	<LOD	65	<LOD	20	17	5
1487	148780091	98	<LOD	89	23	2	14	2	38	2	3	1	<LOD	2	40	1	227	1	7	1	169	1	3	1	<LOD	6	<LOD	72	<LOD	21	<LOD	28
1487	148780111	100	<LOD	90	20	2	18	2	41	2	3	1	<LOD	2	41	1	228	1	6	1	155	1	<LOD	4	<LOD	6	<LOD	70	<LOD	21	<LOD	29
1487	148780131	96	64	16	20	2	16	2	40	2	<LOD	3	<LOD	2	38	1	226	1	7	1	167	1	<LOD	4	<LOD	6	<LOD	68	<LOD	20	<LOD	27
1487	148780151	97	<LOD	87	21	2	14	2	40	2	2	1	<LOD	2	38	1	229	1	7	1	155	1	<LOD	4	4	1	<LOD	68	<LOD	20	<LOD	27
1487	MRIHB20-2	95	<LOD	86	18	2	18	2	35	2	2	1	<LOD	2	39	1	223	1	7	1	173	1	<LOD	4	<LOD	6	<LOD	66	<LOD	20	<LOD	28
1487	MRIHB20-2	95	<LOD	86	18	2	19	2	37	2	<LOD	3	<LOD	2	39	1	224	1	7	1	173	1	<LOD	4	<LOD	6	<LOD	68	<LOD	20	17	5
1487	MRIHB20-2	94	<LOD	85	22	2	17	2	38	2	<LOD	3	<LOD	2	40	1	228	1	7	1	173	1	<LOD	4	<LOD	6	<LOD	67	<LOD	20	<LOD	27
1487	MRIHB20-2	95	<LOD	86	23	2	15	2	34	2	3	1	<LOD	2	39	1	226	1	5	1	161	1	3	1	5	1	<LOD	65	<LOD	20	<LOD	27
1487	MRIHB20-2	94	<LOD	85	22	2	13	2	37	2	3	1	<LOD	2	39	1	231	1	8	1	171	1	3	1	<LOD	6	<LOD	68	<LOD	20	<LOD	28
1487	MRIHB20-2	93	48	16	22	2	13	2	36	2	3	1	<LOD	2	40	1	230	1	7	1	170	1	<LOD	4	4	1	<LOD	68	<LOD	20	<LOD	27
1487	MRIHB20-2	91	<LOD	83	20	2	16	2	38	2	<LOD	3	<LOD	2	40	1	235	1	7	1	173	1	3	1	4	1	<LOD	67	<LOD	20	<LOD	27
1487	MRIHB20-2	91	<LOD	83	20	2	12	2	32	2	3	1	<LOD	2	38	1	232	1	7	1	150	1	<LOD	4	<LOD	6	<LOD	65	<LOD	20	<LOD	27

PROJECT NUMBER	RANDOMIZED SAMPLE NUMBER	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																									
		Sb	Sb Error1s	Ba	Ba Error1s	La	La Error1s	Ce	Ce Error1s	Pr	Pr Error1s	Nd	Nd Error1s	W	W Error1s	Hg	Hg Error1s	Pb	Pb Error1s	Bi	Bi Error1s	Th	Th Error1s	U	U Error1s	LE	LE Error1s
Nb Analysis:	16	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Compte	1	57	57	57	14	57	18	57	6	57	11	57	0	57	0	57	57	57	0	57	51	57	17	57	57	57
99 Percentile	99 Percentile	28	40	301	11	77	1794	106	1983	129	2740	203	3995	#NOMBRE!	11	#NOMBRE!	8	11	1	#NOMBRE!	31	18	10	5	6	802519	632
Moyenne	Moyenne	28	37	277	11	65	1315	76	1319	103	2382	163	3152	#DIV/0!	11	#DIV/0!	8	10	1	#DIV/0!	30	10	3	3	5	773775	439
Écart type	Écart type	#DIV/0!	4	12	0	7	746	11	890	15	814	20	1533	#DIV/0!	0	#DIV/0!	0	1	0	#DIV/0!	1	3	2	1	2	8316	58
Maximum	Maximum	28	40	303	11	77	1808	110	1996	130	2758	206	4030	0	12	0	8	11	1	0	32	22	10	5	6	806404	864
Minimum	Minimum	28	8	248	10	56	18	64	21	91	30	140	46	0	11	0	7	7	1	0	29	7	2	3	1	763345	412
X+2σ	**X+2σ**	**#DIV/0!**	**45**	**301**	**11**	**78**	**2808**	**98**	**3099**	**132**	**4010**	**203**	**6218**	**#DIV/0!**	**11**	**#DIV/0!**	**8**	**11**	**1**	**#DIV/0!**	**31**	**15**	**8**	**5**	**9**	**790407**	**555**
X-2σ	**X-2σ**	**#DIV/0!**	**29**	**253**	**10**	**51**	**-178**	**55**	**-461**	**74**	**753**	**123**	**87**	**#DIV/0!**	**11**	**#DIV/0!**	**7**	**8**	**1**	**#DIV/0!**	**29**	**5**	**-2**	**2**	**0**	**757144**	**324**
Compte	Compte	1	16	16	16	3	16	4	16	0	16	1	16	0	16	0	16	16	16	0	16	15	16	6	16	16	16
Moyenne	Moyenne	28	36	269	11	67	1422	75	1451	#DIV/0!	2671	180	3667	#DIV/0!	11	#DIV/0!	8	10	1	#DIV/0!	30	12	3	4	4	780757	435
Écart type	Écart type	#DIV/0!	8	13	0	9	696	9	853	#DIV/0!	34	#DIV/0!	967	#DIV/0!	0	#DIV/0!	0	1	0	#DIV/0!	1	3	2	1	3	11435	9
Coefficient va	Coefficient var.			5	4													11	0							1	2
Maximum	Maximum	28	40	292	11	77	1808	86	1996	0	2758	180	4030	0	12	0	8	11	1	0	32	22	10	5	6	806404	449
Minimum	Minimum	28	8	248	10	62	18	66	21	0	2625	180	46	0	11	0	8	7	1	0	30	7	2	3	1	769928	412
1487	148780011	<LOD	38	281	11	<LOD	1710	66	21	<LOD	2632	<LOD	3839	<LOD	11	<LOD	8	9	1	<LOD	30	<LOD	10	<LOD	6	771186	442
1487	148780031	<LOD	38	292	11	77	19	70	21	<LOD	2661	<LOD	3916	<LOD	11	<LOD	8	10	1	<LOD	30	12	2	<LOD	6	770913	435
1487	148780051	<LOD	38	276	11	62	19	<LOD	1904	<LOD	2649	<LOD	3861	<LOD	11	<LOD	8	10	1	<LOD	30	9	2	<LOD	6	776533	433
1487	148780071	28	8	271	11	<LOD	1725	<LOD	1903	<LOD	2625	<LOD	3842	<LOD	11	<LOD	8	10	1	<LOD	30	14	2	3	1	771762	449
1487	148780091	<LOD	40	248	10	<LOD	1783	<LOD	1973	<LOD	2725	<LOD	3967	<LOD	11	<LOD	8	9	1	<LOD	31	11	2	5	1	787480	438
1487	148780111	<LOD	40	255	10	<LOD	1808	<LOD	1996	<LOD	2758	<LOD	4030	<LOD	12	<LOD	8	10	1	<LOD	32	22	2	4	1	799466	434
1487	148780131	<LOD	38	262	10	<LOD	1723	<LOD	1897	<LOD	2647	<LOD	3868	<LOD	11	<LOD	8	11	1	<LOD	30	10	2	4	1	794544	420
1487	148780151	<LOD	38	259	10	<LOD	1747	<LOD	1938	<LOD	2681	<LOD	3926	<LOD	11	<LOD	8	9	1	<LOD	30	12	2	<LOD	6	806404	412
1487	MRIHB20-2	<LOD	38	265	11	<LOD	1730	<LOD	1899	<LOD	2642	<LOD	3879	<LOD	11	<LOD	8	10	1	<LOD	30	13	2	3	1	784394	437
1487	MRIHB20-2	<LOD	38	286	11	<LOD	1737	86	21	<LOD	2663	<LOD	3900	<LOD	11	<LOD	8	10	1	<LOD	30	10	2	<LOD	6	784559	435
1487	MRIHB20-2	<LOD	38	276	11	<LOD	1735	<LOD	1917	<LOD	2672	<LOD	3925	<LOD	11	<LOD	8	11	1	<LOD	30	7	2	<LOD	6	782741	434
1487	MRIHB20-2	<LOD	38	260	11	<LOD	1745	77	21	<LOD	2679	<LOD	3917	<LOD	11	<LOD	8	8	1	<LOD	30	11	2	<LOD	6	778804	437
1487	MRIHB20-2	<LOD	38	255	11	62	18	<LOD	1909	<LOD	2651	180	46	<LOD	11	<LOD	8	9	1	<LOD	30	14	2	<LOD	6	770584	443
1487	MRIHB20-2	<LOD	38	259	11	<LOD	1757	<LOD	1936	<LOD	2694	<LOD	3926	<LOD	11	<LOD	8	9	1	<LOD	30	14	2	<LOD	6	771542	440
1487	MRIHB20-2	<LOD	38	286	11	<LOD	1750	<LOD	1935	<LOD	2684	<LOD	3934	<LOD	11	<LOD	8	10	1	<LOD	30	10	2	<LOD	6	771269	436
1487	MRIHB20-2	<LOD	38	274	11	<LOD	1738	<LOD	1918	<LOD	2674	<LOD	3894	<LOD	11	<LOD	8	7	1	<LOD	30	9	2	4	1	769928	439

PROJECT NUMBER	SAMPLE	READING #	XRF MODE	CERTIFICATE	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																								
					Mg	Mg Error1s	Al	Al Error1s	Si	Si Error1s	P	P Error1s	S	S Error1s	K	K Error1s	Ca	Ca Error1s	Ti	Ti Error1s	V	V Error1s	Cr	Cr Error1s	Mn	Mn Error1s	Fe	Fe Error1s
Nb Analysis:	9				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Historique				0	49	49	49	49	49	49	49	0	49	0	49	49	49	49	49	0	49	0	49	49	49	49	49
Moyenne	Historique				#DIV/0!	5041	1269	144	300172	466	3133	34	#DIV/0!	228	#DIV/0!	303	1247	15	480	68	#DIV/0!	68	#DIV/0!	38	89	8	777	11
Écart type	Historique				#DIV/0!	476	241	4	7531	4	91	1	#DIV/0!	11	#DIV/0!	15	53	0	69	1	#DIV/0!	1	#DIV/0!	1	8	0	30	0
Coeff. var.	Historique				#DIV/0!	0	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!	0	0	0	0	0	#DIV/0!	0	#DIV/0!	0	0	0	0	0
Maximum	Historique				0	6326	1716	157	311745	480	3265	35	0	266	0	358	1453	16	617	70	0	70	0	40	106	9	850	11
Minimum	Historique				0	4192	820	137	282689	461	2842	33	0	214	0	283	1139	15	367	66	0	66	0	36	72	8	719	10
Compte	Projet				0	9	9	9	9	9	9	9	0	9	0	9	9	9	9	9	0	9	0	9	9	9	9	9
Moyenne	Projet				#DIV/0!	5565	1301	148	289454	468	2997	34	#DIV/0!	244	#DIV/0!	325	1246	15	516	68	#DIV/0!	69	#DIV/0!	38	87	8	783	11
Écart type	Projet				#DIV/0!	523	295	5	6110	7	111	1	#DIV/0!	14	#DIV/0!	20	56	1	62	1	#DIV/0!	1	#DIV/0!	1	10	1	46	0
Coeff. var.	Projet				#DIV/0!	0	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!	0	0	0	0	0	#DIV/0!	0	#DIV/0!	0	0	0	0	0
Maximum	Projet				0	6326	1716	157	302081	480	3113	35	0	266	0	358	1350	16	594	70	0	70	0	40	101	9	850	11
Minimum	Projet				0	4598	820	144	282689	461	2842	33	0	223	0	298	1139	15	420	67	0	67	0	37	72	8	727	10
1487	148780001	3	Geochem(3-Beam)	IOS22-0003	<LOD	5628	820	157	286313	470	3028	35	<LOD	237	<LOD	319	1237	16	516	69	<LOD	68	<LOD	37	81	8	733	11
1487	148780021	24	Geochem(3-Beam)	IOS22-0003	<LOD	5124	1155	144	302081	466	3087	34	<LOD	223	<LOD	298	1216	15	427	67	<LOD	68	<LOD	37	76	8	764	11
1487	148780041	44	Geochem(3-Beam)	IOS22-0003	<LOD	5405	1493	145	292515	463	3099	33	<LOD	235	<LOD	309	1350	15	487	68	<LOD	68	<LOD	37	88	8	816	11
1487	148780061	64	Geochem(3-Beam)	IOS22-0003	<LOD	5599	1051	144	283914	461	3113	34	<LOD	242	<LOD	326	1254	15	420	68	<LOD	69	<LOD	38	72	8	727	10
1487	148780081	15	Geochem(3-Beam)	IOS22-0003	<LOD	6326	1226	156	282689	480	2849	34	<LOD	266	<LOD	358	1256	16	510	70	<LOD	70	<LOD	40	84	9	747	11
1487	148780101	35	Geochem(3-Beam)	IOS22-0003	<LOD	5948	1251	148	287478	474	2842	33	<LOD	256	<LOD	341	1139	16	566	70	<LOD	69	<LOD	38	92	9	762	11
1487	148780121	56	Geochem(3-Beam)	IOS22-0003	<LOD	6085	1294	148	285577	474	2884	34	<LOD	259	<LOD	345	1239	16	555	68	<LOD	69	<LOD	39	101	9	850	11
1487	148780141	76	Geochem(3-Beam)	IOS22-0003	<LOD	4598	1706	146	290153	464	2995	33	<LOD	241	<LOD	321	1236	15	594	68	<LOD	70	<LOD	38	100	8	816	11
1487	148780161	96	Geochem(3-Beam)	IOS22-0003	<LOD	5376	1716	145	294363	463	3078	33	<LOD	233	<LOD	307	1287	15	565	67	<LOD	67	<LOD	38	92	8	831	11

PROJECT NUMBER	SAMPLE	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																											
		Co	Co Error1s	Ni	Ni Error1s	Cu	Cu Error1s	Zn	Zn Error1s	As	As Error1s	Se	Se Error1s	Rb	Rb Error1s	Sr	Sr Error1s	Y	Y Error1s	Zr	Zr Error1s	Nb	Nb Error1s	Mo	Mo Error1s	Ag	Ag Error1s	Cd	Cd Error1s
Nb Analysis:	9	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Historique	0	49	0	49	10	49	42	49	0	49	0	49	41	49	10	49	49	49	49	49	0	49	14	49	1	49	1	49
Moyenne	Historique	#DIV/0!	18	#DIV/0!	8	7	7	5	2	#DIV/0!	3	#DIV/0!	2	2	0	2	2	12	1	76	1	#DIV/0!	4	4	5	3	60	13	22
Écart type	Historique	#DIV/0!	1	#DIV/0!	0	1	2	1	2	#DIV/0!	0	#DIV/0!	0	0	1	1	1	4	0	5	0	#DIV/0!	0	1	2	#DIV/0!	9	#DIV/0!	3
Coeff. var.	Historique	#DIV/0!	0	#DIV/0!	0	0	0	0	1	#DIV/0!	0	#DIV/0!	0	0	2	0	1	0	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	#DIV/0!	0
Maximum	Historique	0	18	0	8	8	9	7	6	0	3	0	2	2	2	2	3	21	1	88	1	0	5	5	6	3	72	13	23
Minimum	Historique	0	17	0	7	5	2	4	1	0	3	0	2	1	0	1	0	8	1	67	1	0	4	3	1	3	1	13	4
Compte	Projet	0	9	0	9	3	9	6	9	0	9	0	9	9	9	1	9	9	9	9	9	0	9	3	9	0	9	0	9
Moyenne	Projet	#DIV/0!	18	#DIV/0!	8	7	6	6	3	#DIV/0!	3	#DIV/0!	2	2	0	1	3	12	1	76	1	#DIV/0!	4	4	4	#DIV/0!	63	#DIV/0!	22
Écart type	Projet	#DIV/0!	1	#DIV/0!	0	0	3	1	3	#DIV/0!	0	#DIV/0!	0	0	0	#DIV/0!	1	5	0	5	0	#DIV/0!	1	1	3	#DIV/0!	2	#DIV/0!	0
Coeff. var.	Projet	#DIV/0!	0	#DIV/0!	0	0	1	0	1	#DIV/0!	0	#DIV/0!	0	0	#DIV/0!	#DIV/0!	0	0	0	0	0	#DIV/0!	0	0	1	#DIV/0!	0	#DIV/0!	0
Maximum	Projet	0	18	0	8	7	9	7	6	0	3	0	2	2	0	1	3	21	1	81	1	0	5	4	6	0	66	0	23
Minimum	Projet	0	17	0	8	7	2	5	1	0	3	0	2	1	0	1	0	9	1	68	1	0	4	3	1	0	60	0	22
1487	148780001	<LOD	18	<LOD	8	<LOD	8	<LOD	6	<LOD	3	<LOD	2	2	0	<LOD	3	10	1	75	1	<LOD	4	<LOD	6	<LOD	62	<LOD	22
1487	148780021	<LOD	17	<LOD	8	7	2	6	1	<LOD	3	<LOD	2	2	0	<LOD	3	9	1	80	1	<LOD	4	4	1	<LOD	61	<LOD	22
1487	148780041	<LOD	18	<LOD	8	<LOD	8	5	1	<LOD	3	<LOD	2	2	0	1	0	10	1	80	1	<LOD	4	<LOD	6	<LOD	60	<LOD	22
1487	148780061	<LOD	17	<LOD	8	<LOD	8	5	1	<LOD	3	<LOD	2	1	0	<LOD	3	10	1	80	1	<LOD	4	<LOD	6	<LOD	62	<LOD	22
1487	148780081	<LOD	18	<LOD	8	7	2	6	1	<LOD	3	<LOD	2	1	0	<LOD	3	12	1	70	1	<LOD	5	<LOD	6	<LOD	63	<LOD	23
1487	148780101	<LOD	18	<LOD	8	<LOD	8	5	1	<LOD	3	<LOD	2	2	0	<LOD	3	10	1	78	1	<LOD	5	3	1	<LOD	64	<LOD	22
1487	148780121	<LOD	18	<LOD	8	<LOD	9	<LOD	6	<LOD	3	<LOD	2	2	0	<LOD	3	10	1	81	1	<LOD	5	<LOD	6	<LOD	66	<LOD	23
1487	148780141	<LOD	17	<LOD	8	<LOD	8	<LOD	6	<LOD	3	<LOD	2	2	0	<LOD	3	20	1	68	1	<LOD	4	4	1	<LOD	62	<LOD	22
1487	148780161	<LOD	18	<LOD	8	7	2	7	1	<LOD	3	<LOD	2	2	0	<LOD	3	21	1	69	1	<LOD	4	<LOD	6	<LOD	63	<LOD	22

PROJECT NUMBER	SAMPLE	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																											
		Sn	Sn Error1s	Sb	Sb Error1s	Ba	Ba Error1s	La	La Error1s	Ce	Ce Error1s	Pr	Pr Error1s	Nd	Nd Error1s	W	W Error1s	Hg	Hg Error1s	Pb	Pb Error1s	Bi	Bi Error1s	Th	Th Error1s	U	U Error1s	LE	LE Error1s
Nb Analysis:	9	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Historique	1	49	2	49	2	49	23	49	33	49	10	49	6	49	0	49	0	49	0	49	0	49	49	49	36	49	49	49
Moyenne	Historique	18	29	25	40	31	817	64	849	74	585	103	1927	144	3086	#DIV/0!	11	#DIV/0!	8	#DIV/0!	4	#DIV/0!	31	12	2	3	2	692601	475
Écart type	Historique	#DIV/0!	4	1	7	5	170	9	790	13	821	17	974	7	1152	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	1	2	0	1	2	7549	4
Coeff. var.	Historique	#DIV/0!	0	0	0	0	0	0	1	0	1	0	1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	0	0	1	0	0
Maximum	Historique	18	31	25	43	34	982	85	1661	103	1825	141	2775	150	4052	0	12	0	8	0	4	0	32	19	2	5	6	710460	491
Minimum	Historique	18	5	24	7	27	9	53	16	58	19	81	27	132	42	0	11	0	7	0	4	0	30	8	2	2	1	681196	469
Compte	Projet	0	9	1	9	0	9	3	9	4	9	1	9	1	9	0	9	0	9	0	9	0	9	9	9	8	9	9	9
Moyenne	Projet	#DIV/0!	30	25	38	#DIV/0!	862	62	1076	65	1001	81	2172	132	3154	#DIV/0!	11	#DIV/0!	8	#DIV/0!	4	#DIV/0!	31	14	2	3	2	703426	479
Écart type	Projet	#DIV/0!	1	#DIV/0!	12	#DIV/0!	16	3	795	5	932	#DIV/0!	806	#DIV/0!	1169	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	1	3	0	1	2	6278	7
Coeff. var.	Projet	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	1	0	1	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	0	0	1	0	0
Maximum	Projet	0	31	25	43	0	891	64	1661	72	1825	81	2517	132	3648	0	12	0	8	0	4	0	32	19	2	5	6	710460	491
Minimum	Projet	0	30	25	7	0	845	59	16	60	19	81	27	132	42	0	11	0	7	0	4	0	31	9	2	2	1	690950	473
1487	148780001	<LOD	30	<LOD	42	<LOD	855	<LOD	1595	<LOD	1752	<LOD	2414	<LOD	3498	<LOD	11	<LOD	8	<LOD	4	<LOD	31	12	2	<LOD	6	707173	482
1487	148780021	<LOD	30	<LOD	41	<LOD	845	64	17	60	19	<LOD	2394	<LOD	3488	<LOD	11	<LOD	8	<LOD	4	<LOD	31	11	2	2	1	690950	475
1487	148780041	<LOD	30	<LOD	42	<LOD	847	<LOD	1574	63	19	<LOD	2390	<LOD	3472	<LOD	11	<LOD	8	<LOD	4	<LOD	31	12	2	3	1	699977	473
1487	148780061	<LOD	30	<LOD	41	<LOD	856	<LOD	1590	72	19	81	27	132	42	<LOD	11	<LOD	7	<LOD	4	<LOD	31	9	2	4	1	709054	473
1487	148780081	<LOD	31	<LOD	43	<LOD	887	63	16	<LOD	1825	<LOD	2517	<LOD	3648	<LOD	12	<LOD	8	<LOD	4	<LOD	32	17	2	5	1	710460	491
1487	148780101	<LOD	31	25	7	<LOD	862	<LOD	1622	<LOD	1788	<LOD	2454	<LOD	3580	<LOD	11	<LOD	8	<LOD	4	<LOD	32	17	2	2	1	705728	484
1487	148780121	<LOD	31	<LOD	43	<LOD	891	<LOD	1661	<LOD	1821	<LOD	2499	<LOD	3623	<LOD	11	<LOD	8	<LOD	4	<LOD	32	19	2	3	1	707385	484
1487	148780141	<LOD	30	<LOD	42	<LOD	860	59	17	64	19	<LOD	2446	<LOD	3560	<LOD	11	<LOD	8	<LOD	4	<LOD	31	13	2	3	1	702165	474
1487	148780161	<LOD	30	<LOD	41	<LOD	855	<LOD	1593	<LOD	1751	<LOD	2408	<LOD	3476	<LOD	11	<LOD	8	<LOD	4	<LOD	31	12	2	4	1	697946	473

PROJECT NUMBER	CONTENT	READING #	XRF MODE	CERTIFICATE	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																							
					Mg	Mg Error1s	Al	Al Error1s	Si	Si Error1s	P	P Error1s	S	S Error1s	K	K Error1s	Ca	Ca Error1s	Ti	Ti Error1s	V	V Error1s	Cr	Cr Error1s	Mn	Mn Error1s	Fe
Nb Analysis:					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Compte	Historique		Historique		0	51	1	51	51	51	0	51	0	51	0	51	6	51	0	51	0	51	0	51	10	51	13
99 Percentile	Historique		Historique		#NOMBRE!	2638	609	655	515505	482	#NOMBRE!	52	#NOMBRE!	97	#NOMBRE!	136	76	110	#NOMBRE!	144	#NOMBRE!	67	#NOMBRE!	37	28	295	49
Moyenne	Historique		Historique		#DIV/0!	2340	609	602	504454	472	#DIV/0!	47	#DIV/0!	88	#DIV/0!	123	54	92	#DIV/0!	129	#DIV/0!	65	#DIV/0!	36	24	216	26
Écart type	Historique		Historique		#DIV/0!	141	#DIV/0!	71	8141	3	#DIV/0!	1	#DIV/0!	2	#DIV/0!	3	16	30	#DIV/0!	4	#DIV/0!	1	#DIV/0!	1	2	104	13
Coeff. var.	Historique		Historique		#DIV/0!	0	#DIV/0!	0	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	0	0
Maximum	Historique		Historique		0	2688	609	671	516102	487	0	54	0	100	0	139	77	113	0	145	0	67	0	37	28	295	50
Minimum	Historique		Historique		0	1942	609	125	473010	467	0	45	0	85	0	119	35	11	0	124	0	63	0	35	22	7	15
Compte	Projet		Projet		0	3	0	3	3	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	1	3	2
Moyenne	Projet		Projet		#DIV/0!	2417	#DIV/0!	615	496916	474	#DIV/0!	47	#DIV/0!	88	#DIV/0!	125	#DIV/0!	106	#DIV/0!	131	#DIV/0!	64	#DIV/0!	36	22	184	24
Écart type	Projet		Projet		#DIV/0!	78	#DIV/0!	11	2417	1	#DIV/0!	0	#DIV/0!	1	#DIV/0!	1	#DIV/0!	0	#DIV/0!	1	#DIV/0!	1	#DIV/0!	1	#DIV/0!	153	1
Coeff. var.	Projet		Projet		#DIV/0!	0	#DIV/0!	0	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	1	0
Maximum	Projet		Projet		0	2494	0	628	498354	475	0	47	0	89	0	126	0	106	0	132	0	65	0	37	22	273	24
Minimum	Projet		Projet		0	2338	0	607	494125	473	0	47	0	87	0	125	0	106	0	131	0	63	0	35	22	7	23
1487	BLANK VANTA	2	Geochem(3-Beam)	IOS22-0003	<LOD	2418	<LOD	607	494125	475	<LOD	47	<LOD	87	<LOD	125	<LOD	106	<LOD	132	<LOD	63	<LOD	37	<LOD	273	<LOD
1487	BLANK VANTA	2	Geochem(3-Beam)	IOS22-0003	<LOD	2494	<LOD	628	498269	473	<LOD	47	<LOD	87	<LOD	125	<LOD	106	<LOD	131	<LOD	64	<LOD	35	<LOD	271	24
1487	BLANK VANTA	2	Geochem(3-Beam)	IOS22-0003	<LOD	2338	<LOD	610	498354	473	<LOD	47	<LOD	89	<LOD	126	<LOD	106	<LOD	131	<LOD	65	<LOD	36	22	7	23

CONTENT	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																													
	Fe Error1s	Co	Co Error1s	Ni	Ni Error1s	Cu	Cu Error1s	Zn	Zn Error1s	As	As Error1s	Se	Se Error1s	Rb	Rb Error1s	Sr	Sr Error1s	Y	Y Error1s	Zr	Zr Error1s	Nb	Nb Error1s	Mo	Mo Error1s	Ag	Ag Error1s	Cd	Cd Error1s
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Historique	51	9	51	0	51	10	51	27	51	0	51	7	51	12	51	0	51	1	51	51	51	0	51	3	51	0	51	0	51
Historique	22	11	13	#NOMBRE!	8	7	8	6	6	#NOMBRE!	3	1	2	2	2	#NOMBRE!	2	2	4	6	1	#NOMBRE!	4	3	6	#NOMBRE!	55	#NOMBRE!	22
Historique	17	9	11	#DIV/0!	7	6	7	4	3	#DIV/0!	3	1	2	1	2	#DIV/0!	2	2	3	4	1	#DIV/0!	4	3	6	#DIV/0!	53	#DIV/0!	22
Historique	7	1	4	#DIV/0!	0	1	2	1	3	#DIV/0!	0	0	1	0	1	#DIV/0!	0	#DIV/0!	0	1	0	#DIV/0!	0	0	1	#DIV/0!	1	#DIV/0!	0
Historique	0	0	0	#DIV/0!	0	0	0	0	1	#DIV/0!	0	0	0	0	1	#DIV/0!	0	#DIV/0!	0	0	0	#DIV/0!	0	0	0	#DIV/0!	0	#DIV/0!	0
Historique	22	11	13	0	8	7	8	6	6	0	3	1	2	2	2	0	2	2	4	6	1	0	4	3	6	0	55	0	22
Historique	5	8	3	0	7	5	2	3	1	0	3	1	0	1	0	0	2	2	1	3	1	0	4	3	1	0	51	0	22
Projet	3	2	3	0	3	1	3	1	3	0	3	0	3	0	3	0	3	0	3	3	3	0	3	0	3	0	3	0	3
Projet	10	10	6	#DIV/0!	7	7	6	3	4	#DIV/0!	3	#DIV/0!	2	#DIV/0!	2	#DIV/0!	2	#DIV/0!	3	5	1	#DIV/0!	4	#DIV/0!	6	#DIV/0!	53	#DIV/0!	22
Projet	9	1	6	#DIV/0!	0	#DIV/0!	3	#DIV/0!	3	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	1	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	1	#DIV/0!	0
Projet	1	0	1	#DIV/0!	0	#DIV/0!	1	#DIV/0!	1	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0
Projet	21	11	13	0	7	7	8	3	6	0	3	0	2	0	2	0	2	0	3	5	1	0	4	0	6	0	54	0	22
Projet	5	9	3	0	7	7	2	3	1	0	3	0	2	0	2	0	2	0	3	4	1	0	4	0	6	0	52	0	22
BLANK VANTA	21	11	3	<LOD	7	7	2	3	1	<LOD	3	<LOD	2	<LOD	2	<LOD	2	<LOD	3	4	1	<LOD	4	<LOD	6	<LOD	54	<LOD	22
BLANK VANTA	5	<LOD	13	<LOD	7	<LOD	8	<LOD	6	<LOD	3	<LOD	2	<LOD	2	<LOD	2	<LOD	3	5	1	<LOD	4	<LOD	6	<LOD	53	<LOD	22
BLANK VANTA	5	9	3	<LOD	7	<LOD	8	<LOD	6	<LOD	3	<LOD	2	<LOD	2	<LOD	2	<LOD	3	5	1	<LOD	4	<LOD	6	<LOD	52	<LOD	22

CONTENT	HANDHELD X-RAY FLUORESCENCE SPECTROMETER																											
	Sn	Sn Error1s	Sb	Sb Error1s	Ba	Ba Error1s	La	La Error1s	Ce	Ce Error1s	Pr	Pr Error1s	Nd	Nd Error1s	W	W Error1s	Hg	Hg Error1s	Pb	Pb Error1s	Bi	Bi Error1s	Th	Th Error1s	U	U Error1s	LE	LE Error1s
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Historique	14	51	4	51	2	51	11	51	2	51	5	51	8	51	0	51	0	51	0	51	0	51	13	51	13	51	51	51
Historique	17	30	24	43	40	787	125	1480	101	1641	163	2288	278	3353	#NOMBRE!	11	#NOMBRE!	8	#NOMBRE!	4	#NOMBRE!	30	9	11	3	6	522253	482
Historique	16	23	22	39	40	743	84	1145	94	1549	138	2035	219	2790	#DIV/0!	11	#DIV/0!	8	#DIV/0!	4	#DIV/0!	29	7	8	2	5	495427	472
Historique	1	11	2	10	0	149	16	594	10	311	20	665	32	1190	#DIV/0!	0	#DIV/0!	0	#DIV/0!	1	#DIV/0!	0	1	4	1	2	8118	3
Historique	0	0	0	0	0	0	0	1	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	0	0	0	0	0	0
Historique	17	30	24	43	40	789	129	1487	101	1648	163	2297	281	3368	0	11	0	8	0	4	0	30	9	11	3	6	526902	487
Historique	14	5	20	7	40	12	73	23	87	26	119	38	177	58	0	10	0	7	0	3	0	29	5	2	2	1	483886	467
Projet	2	3	0	3	0	3	0	3	1	3	0	3	0	3	0	3	0	3	0	3	0	3	1	3	0	3	3	3
Projet	16	13	#DIV/0!	42	#DIV/0!	775	#DIV/0!	1456	87	1097	#DIV/0!	2261	#DIV/0!	3306	#DIV/0!	11	#DIV/0!	8	#DIV/0!	4	#DIV/0!	29	7	7	#DIV/0!	6	503005	474
Projet	1	14	#DIV/0!	0	#DIV/0!	10	#DIV/0!	18	#DIV/0!	928	#DIV/0!	26	#DIV/0!	46	#DIV/0!	0	#DIV/0!	1	#DIV/0!	1	#DIV/0!	1	#DIV/0!	5	#DIV/0!	0	2453	1
Projet	0	1	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	1	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	1	#DIV/0!	0	0	0
Projet	16	30	0	42	0	781	0	1467	87	1634	0	2279	0	3338	0	11	0	8	0	4	0	30	7	10	0	6	505835	475
Projet	15	5	0	42	0	763	0	1435	87	26	0	2231	0	3253	0	11	0	7	0	3	0	29	7	2	0	6	501484	473
BLANK VANTA	15	5	<LOD	42	<LOD	780	<LOD	1467	<LOD	1634	<LOD	2273	<LOD	3338	<LOD	11	<LOD	8	<LOD	3	<LOD	29	<LOD	10	<LOD	6	505835	475
BLANK VANTA	<LOD	30	<LOD	42	<LOD	781	<LOD	1466	<LOD	1632	<LOD	2279	<LOD	3328	<LOD	11	<LOD	8	<LOD	4	<LOD	30	7	2	<LOD	6	501696	473
BLANK VANTA	16	5	<LOD	42	<LOD	763	<LOD	1435	87	26	<LOD	2231	<LOD	3253	<LOD	11	<LOD	7	<LOD	4	<LOD	29	<LOD	10	<LOD	6	501484	473

Project number	Project name	# Analyse	Date	Time	Method name	Unit	Duration (sec)
Numéro de projet	Nom du projet	# Analyse	Date	Heure de calibration	Méthode	Unité	Durée (sec)
1487	Victoria Creek	1	2022-02-03	11:12:32	Cal Check	ppm	14.8321
1487	Victoria Creek	1	2022-02-07	09:00:40	Cal Check	ppm	14.8378
1487	Victoria Creek	1	2022-02-08	09:29:04	Cal Check	ppm	14.8369

APPENDIX 5

ANALYTICAL QUALITY CONTROL FOR LOSS ON IGNITION (IOS)

ANALYTICAL QUALITY CONTROL

Quality control of the lost-on-ignition measurement is based on the insertion of reference material. The various tables in ***appendix 5*** show their QAQC results.

A series of internal reference materials, specific to different types of materials and to different analytical protocols, were developed by IOS and here used for loss on ignition.

IOS use conditional colour coding to indicate discrepant results in the database, reported in the appendices, which compare the obtained and expected results. Results that deviate plus or minus two standard deviations in regard of their expected long-term average are highlighted in yellow, in orange for plus or minus three standard deviations.

Various types of control have been inserted for a total of 10% of the population

Duplicates

Duplicate samples were inserted for loss-on-ignition measurement only, allowing to check the homogeneity of samples. Approximately 1.8% of the total population (3 samples) has been duplicated. The material used for duplicates is aliquots of the fraction finer than 250 µm from the original B-horizon soil sample. Analyses from samples and their duplicates correlate well. Interpretation of the results of duplicates is laborious and requires the use of paired difference statistics, which was not carried out for this report. The results of the duplicates analysis are presented in ***appendix 5***, ***table 1***.

Certified reference material

The OREAS 25a certified reference material was used to control LOI and introduced four times for this project. This material is an oxidic soil from an *in-situ* layer of mature soil developed above tertiary tholeiitic basalt near Melbourne, Victoria State, Australia. For this certified reference material, the certified value is for a loss on ignition at 1000 °C, while the current measurements were made at 700 °C. The results obtained for this reference material are slightly below the certified value however still not much discrepant (***appendix 5***, ***table 2***).

Internal reference materials

IOS introduced three types of internal reference materials for loss on ignition. The aim of inserting internal reference material is to assess the precision (relative stability) of the assaying procedure. The IRM not being certified, they do not address the accuracy (absolute value) of the assays. Various materials were used to assess various range of volatile abundance set in different matrix.

The two MRIMO (MRIMO50 and MRIMO100) reference materials were manufactured in IOS laboratories and consist of soil material and sand till from previous projects, sieved at < 250 microns. The number in the nomenclature of the material (0, 25, 50 and 100) represents the percentage of soil in the mixture. MRIMO50 and MRIMO100 were analyzed 7 times by LOI during Victoria Creek geochemical survey (3 and 4 time in order for each type of material). Results are presented in ***appendix 5***, ***tables 3*** and ***4***. No significant deviation is reported.

The internal reference material STDSED08 was manufactured with excess material from lake sediment samples collected in 2006 and 2007. This material is then strictly identical to typical lake sediment matrix. STDSED08 was analyzed 3 times by LOI and results are presented in ***appendix 5***, ***table 5***. No significant deviation is reported.

CHIMISTE
Karen Gagné
2003-137

1487_2021_Report_Soils_XRF
Victoria Creek, February 21st, 2022

Karen Gagné, chemist
OCQ nº 2003-137

					DATA FOR THE LOSS ON IGNITION AT 700°C						LOI CALCULATIONS (700°C)		
PROJECT NUMBER	**SAMPLE**	**FIELD SAMPLE**	**CONTENT**	**CERTIFICATE**	**Batch number**	**Crucible number**	**Weight empty crucible predried**	**Weight material and crucible after pre-drying**	**Weight material and crucible after LOI (700°C)**	**Comments**	**Dry weight**	**Weight cremated (700°C)**	**LOI (700°C)**
Nb Analyses:	**6**						**(g)**	**(g)**	**(g)**		**(g)**	**(g)**	**(%)**
1487	148780128	148740066		IOS22-0010	1487-2	132	21,1634	44,6915	44,2809		23,5281	23,1175	1,7451
1487	148780011	Standard	148780128-Dup	IOS22-0010	1487-1	311	21,3272	42,6779	42,2965		21,3507	20,9693	1,7864
1487	148780133	148740045		IOS22-0010	1487-2	137	19,7329	40,7299	39,8980		20,997	20,1651	3,9620
1487	148780061	Standard	148780133-Dup	IOS22-0010	1487-1	363	23,6789	43,2117	42,4504		19,5328	18,7715	3,8975
1487	148780026	148740070		IOS22-0010	1487-1	22	22,4517	49,7795	49,5257		27,3278	27,0740	0,9287
1487	148780111	Standard	148780026-Dup	IOS22-0010	1487-2	213	20,4570	46,7575	46,4925		26,3005	26,0355	1,0076

			DATA FOR THE LOSS ON IGNITION AT 700°C						LOI CALCULATIONS (700°C)		
PROJECT NUMBER	**SAMPLE**	**CERTIFICATE**	**Batch number**	**Crucible number**	**Weight empty crucible predried**	**Weight material and crucible after pre-drying**	**Weight material and crucible after LOI (700°C)**	**Comments**	**Dry weight**	**Weight cremated (700 °C)**	**LOI (700°C)**
Nb Analyses:	**4**				**(g)**	**(g)**	**(g)**		**(g)**	**(g)**	**(%)**
Compte	Historique				168	168	101		168	101	101
Moyenne	Historique				21,3845	28,8991	28,5055		7,5146	7,1326	10,1436
Écart-type (σ)	Historique				1,0992	2,1916	2,0731		1,9031	1,8200	0,3909
Maximum	Historique				24,0886	36,6600	35,2258		15,4591	13,8301	10,9122
Minimum	Historique				19,3238	22,8427	22,8537		3,1510	2,9249	9,0057
Compte	Projet				4	4	4		4	4	4
Moyenne	Projet				21,1993	34,5274	33,2075		13,3281	12,0083	9,9078
Écart-type (σ)	Projet				1,2465	1,6263	1,5496		1,0218	0,9321	0,2144
Maximum	Projet				22,3679	36,6600	35,2258		14,2921	12,8579	10,0730
Minimum	Projet				19,4751	33,1533	31,9479		11,9667	10,7613	9,6007
Valeur certifiée à 1000 °C											
1487	148780031	IOS22-0010	1487-1	333	22,3679	36,6600	35,2258		14,2921	12,8579	10,0349
1487	148780081	IOS22-0010	1487-1	383	19,4751	33,3699	32,0359		13,8948	12,5608	9,6007
1487	148780131	IOS22-0010	1487-2	135	21,1866	33,1533	31,9479		11,9667	10,7613	10,0730
1487	148780151	IOS22-0010	1487-2	155	21,7674	34,9262	33,6205		13,1588	11,8531	9,9226

	DATA FOR THE LOSS ON IGNITION AT 700°C								LOI CALCULATIONS		
PROJECT NUMBER	**SAMPLE**	**CERTIFICATE**	**Batch number**	**Crucible number**	**Weight empty crucible predried**	**Weight material and crucible after pre-drying**	**Weight material and crucible after LOI (700 °C)**	**Comments**	**Dry weight**	**Weight cremated (700 °C)**	**LOI (700°C)**
Nb Analyses:	**3**				**(g)**	**(g)**			**(g)**	**(g)**	**(%)**
Compte	Historique				209	209	72		209	79	82
Moyenne	Historique				21,1690	28,3616	27,8818		7,1925	6,1947	25,3310
Écart-type (σ)	Historique				1,3031	2,5151	2,0444		2,0633	1,7328	3,4745
Maximum	Historique				25,1939	36,8769	33,5110		14,1879	10,8220	43,8914
Minimum	Historique				18,5660	21,5610	23,6568		2,9070	3,3708	20,5192
Compte	Projet				3	3	3		3	3	3
Moyenne	Projet				20,9236	32,9112	29,9252		11,9875	9,0016	24,8974
Écart-type (σ)	Projet				0,9285	0,1593	0,2222		1,0328	0,7502	0,3010
Maximum	Projet				21,6303	33,0139	30,1249		13,1199	9,8138	25,1991
Minimum	Projet				19,8720	32,7277	29,6858		11,0974	8,3346	24,5971
1487	148780021	IOS22-0010	1487-1	321	21,6303	32,7277	29,9649		11,0974	8,3346	24,8959
1487	148780091	IOS22-0010	1487-1	393	19,8720	32,9919	29,6858		13,1199	9,8138	25,1991
1487	148780141	IOS22-0010	1487-2	145	21,2686	33,0139	30,1249		11,7453	8,8563	24,5971

			DATA FOR THE LOSS ON IGNITION AT 700°C						LOI CALCULATIONS (700°C)		
PROJECT NUMBER	**SAMPLE**	**CERTIFICATE**	**Batch number**	**Crucible number**	**Weight empty crucible predried**	**Weight material and crucible after pre-drying**	**Weight material and crucible after LOI (700°C)**	**Comments**	**Dry weight**	**Weight cremated (700 °C)**	**LOI (700°C)**
Nb Analyses:	**4**				**(g)**	**(g)**	**(g)**		**(g)**	**(g)**	**(%)**
Compte	Historique				203	203	77		203	77	78
Moyenne	Historique				21,2994	27,3051	24,5490		6,0057	3,0801	52,0503
Écart-type (σ)	Historique				1,2406	1,5298	1,1529		0,9766	0,4524	1,7446
Maximum	Historique				23,9550	31,6496	27,5056		9,5707	4,0401	56,5553
Minimum	Historique				17,8161	23,4043	21,9798		2,8070	1,9841	46,9361
Compte	Projet				4	4	4		4	4	4
Moyenne	Projet				20,7095	28,0208	24,2323		7,3113	3,5228	51,8162
Écart-type (σ)	Projet				0,8364	1,0337	0,9129		0,3409	0,1636	0,2498
Maximum	Projet				21,5553	28,9983	25,1504		7,5523	3,6525	52,1850
Minimum	Projet				19,9900	26,7974	23,2758		6,8058	3,2842	51,6372
1487	148780041	IOS22-0010	1487-1	343	21,5553	28,9983	25,1504		7,443	3,5951	51,6982
1487	148780071	IOS22-0010	1487-1	373	19,9900	27,5423	23,6425		7,5523	3,6525	51,6372
1487	148780121	IOS22-0010	1487-2	223	19,9916	26,7974	23,2758		6,8058	3,2842	51,7441
1487	148780161	IOS22-0010	1487-2	165	21,3012	28,7451	24,8605		7,4439	3,5593	52,1850

			DATA FOR THE LOSS ON IGNITION AT 700°C						LOI CALCULATIONS (700°C)		
PROJECT NUMBER	**SAMPLE**	**CERTIFICATE**	**Batch number**	**Crucible number**	**Weight empty crucible predried**	**Weight material and crucible after pre-drying**	**Weight material and crucible after LOI (700°C)**	**Comments**	**Dry weight**	**Weight cremated (700°C)**	**LOI (700°C)**
Nb Analyses:	**3**				**(g)**	**(g)**	**(g)**		**(g)**	**(g)**	**(%)**
Compte	Historique				249	249	102		249	102	103
Moyenne	Historique				21,1411	26,6382	25,7203		5,4970	4,4401	22,5453
Écart-type (σ)	Historique				1,2249	1,4819	1,3246		0,8821	0,6945	0,3737
Maximum	Historique				24,0670	30,2828	28,9121		7,6103	5,8999	23,3559
Minimum	Historique				18,5663	21,9626	22,8298		2,8784	2,3220	21,6683
Compte	Projet				3	3	3		3	3	3
Moyenne	Projet				21,1039	27,0455	25,7202		5,9416	4,6163	22,3150
Écart-type (σ)	Projet				0,7290	0,4454	0,4595		0,5839	0,4619	0,1450
Maximum	Projet				21,9017	27,3885	26,0136		6,4508	5,0186	22,4784
Minimum	Projet				20,4724	26,5421	25,1907		5,3042	4,1119	22,2019
1487	148780001	IOS22-0010	1487-1	301	20,4724	26,5421	25,1907		6,0697	4,7183	22,2647
1487	148780051	IOS22-0010	1487-1	353	20,9377	27,3885	25,9563		6,4508	5,0186	22,2019
1487	148780101	IOS22-0010	1487-2	203	21,9017	27,2059	26,0136		5,3042	4,1119	22,4784

APPENDIX 6

CERTIFICATES OF ANALYSIS

Table 1: Certificate of HH-XRF analysis (IOS)
Table 2: Certificate of loss on ignition analysis (IOS)

IOS Services Géoscientifiques inc.
1319, boulevard Saint-Paul
Chicoutimi, Québec, Canada
G7J 3Y2
418-698-4498

CERTIFICATE : IOS22-0003

To : Mr. Michael Rosatelli
VAL-D'OR MINING CORPORATION
2864 chemin Sullivan
Val-d'Or, Québec
J9P 0B9

Project :	1487, Victoria Creek
Date of certificate:	2022-02-15
Number of analyzes:	173 analyzes including quality control
Sample type:	Horizon-B soil samples < 250 µm

Samples preparation:	Drying and sieving
Instrument used:	Microanalyzer XRF Vanta-VMR of Olympus
Analysis mode:	Mode Geochem(3-Beam)

This report contains protected and confidential information to the recipient's attention.
The results relate only to the sample submitted for analysis.
This report is final and replaces any other preliminary reports with that number.

Note: The data in this certificate is informative and unofficial.

CHIMISTE Karen Gagné 2003-137 QUÉBEC

2021-1487_Report_Soils_XRF
Victoria Creek Project, February 21st, 2022

Signature:

Karen Gagné
Chemist, OCQ 2003-137
Quality control

Sample Échantillon	Field number Numéro terrain	Content Contient	Date Date	Element/Élément Unit/Unité Duration (sec) Durée (sec)	# Analyse/ Analysis #	Mg ppm	Mg Error1s ppm	Al ppm	Al Error1s ppm	Si ppm	Si Error1s ppm	P ppm	P Error1s ppm	S ppm	S Error1s ppm	K ppm	K Error1s ppm	Ca ppm	Ca Error1s ppm	Ti ppm	Ti Error1s ppm	V ppm	V Error1s ppm	Cr ppm	Cr Error1s ppm	Mn ppm	Mn Error1s ppm	Fe ppm	Fe Error1s ppm
Blank	Blank Vanta	Blank Vanta	2022-02-03	90	2	<LOD	2418	<LOD	607	494125	475	<LOD	47	<LOD	87	<LOD	125	<LOD	106	<LOD	132	<LOD	63	<LOD	37	<LOD	273	<LOD	21
148780001	Standard	Blanc quartz < 90 µm 2020	2022-02-03	90	3	<LOD	5628	820	157	286313	470	3028	35	<LOD	237	<LOD	319	1237	16	516	69	<LOD	68	<LOD	37	81	8	733	11
148780002	148740119	soil < 250 µm	2022-02-03	90	4	4531	1248	23563	306	149725	478	2609	33	<LOD	320	11313	50	32322	107	2451	81	<LOD	96	71	11	366	12	19141	75
148780003	148740037	soil < 250 µm	2022-02-03	90	5	<LOD	9516	20895	300	138137	389	2771	33	<LOD	452	8056	39	9790	37	3064	79	72	20	39	10	220	10	32029	99
148780004	148740057	soil < 250 µm	2022-02-03	90	6	<LOD	8474	38856	351	144279	378	3070	34	<LOD	406	9582	40	9825	36	2710	78	<LOD	95	43	10	201	10	20126	66
148780005	148740067	soil < 250 µm	2022-02-03	90	7	<LOD	7900	43994	361	144273	375	3423	35	407	27	8413	38	11123	38	2775	79	<LOD	94	66	10	265	10	20484	66
148780006	148740100	soil < 250 µm	2022-02-03	90	8	<LOD	7888	34461	337	157213	393	3016	34	<LOD	383	10684	43	10660	38	2149	79	<LOD	91	34	10	177	10	14831	53
148780007	148740083	soil < 250 µm	2022-02-03	90	9	<LOD	7532	36870	339	152273	378	3089	34	<LOD	372	10751	43	12144	40	2156	78	<LOD	88	<LOD	44	177	9	10414	42
148780008	148740109	soil < 250 µm	2022-02-03	90	10	<LOD	7539	22563	295	165045	398	2902	34	269	28	11560	45	13482	44	1352	77	<LOD	84	<LOD	44	150	9	9205	39
148780009	148740041	soil < 250 µm	2022-02-03	90	11	<LOD	8817	34977	341	140816	374	3060	34	<LOD	439	7839	37	9894	36	1517	74	<LOD	86	<LOD	44	129	9	12921	49
148780010	148740027	soil < 250 µm	2022-02-03	90	12	<LOD	11320	42071	365	104003	321	3001	33	453	26	7196	35	7638	30	2096	72	62	19	30	10	164	9	19252	64
148780011	Standard	MRIHB20-2	2022-02-03	90	13	<LOD	8392	37858	328	135659	358	3075	32	208	24	7325	34	7880	30	2600	70	70	18	63	10	212	9	32984	94
148780012	148740035	soil < 250 µm	2022-02-03	90	15	<LOD	6719	30470	310	165710	397	2924	33	<LOD	338	10527	42	13936	44	2394	78	<LOD	90	<LOD	46	261	10	17108	58
148780013	148740094	soil < 250 µm	2022-02-03	90	16	<LOD	9997	38677	360	139620	381	3435	37	390	29	9238	42	8489	34	1513	77	<LOD	90	<LOD	46	163	10	12567	49
148780014	148740046	soil < 250 µm	2022-02-03	90	17	<LOD	8293	24741	307	154768	402	2767	33	<LOD	414	10044	43	9164	35	2424	80	<LOD	97	32	10	349	11	19897	68
148780015	148740085	soil < 250 µm	2022-02-03	90	18	<LOD	8494	37973	346	131455	361	2879	33	295	27	9505	41	9363	35	2203	76	<LOD	92	30	10	154	9	20103	67
148780016	148740071	soil < 250 µm	2022-02-03	90	19	<LOD	8561	37522	336	150748	380	3387	35	294	26	7974	37	9444	34	1796	74	<LOD	86	<LOD	44	111	9	13311	49
148780017	148740014	soil < 250 µm	2022-02-03	90	20	<LOD	7838	31425	316	170599	404	2947	33	<LOD	365	9615	41	11272	39	1601	77	<LOD	88	<LOD	45	190	10	11968	46
148780018	148740103	soil < 250 µm	2022-02-03	90	21	<LOD	11255	40614	365	118560	349	2944	34	<LOD	532	8602	40	8592	34	1067	73	<LOD	86	<LOD	46	132	9	12935	50
148780019	148740133	soil < 250 µm	2022-02-03	90	22	<LOD	8648	37160	335	152636	381	3578	36	154	26	10141	42	7321	30	1633	77	<LOD	88	<LOD	43	119	9	12376	47
148780020	148740141	soil < 250 µm	2022-02-03	90	23	<LOD	6874	35034	320	154806	380	3043	32	<LOD	376	9963	40	10513	36	3197	80	95	21	56	10	222	10	17659	59
148780021	Standard	Blanc quartz < 90 µm 2020	2022-02-03	90	24	<LOD	5124	1155	144	302081	466	3087	34	<LOD	223	<LOD	298	1216	15	427	67	<LOD	68	<LOD	37	76	8	764	11
148780022	148740129	soil < 250 µm	2022-02-03	90	25	<LOD	8837	41266	359	126623	362	3222	35	339	26	8464	39	9569	36	2308	78	<LOD	97	78	11	209	10	21321	71
148780023	148740039	soil < 250 µm	2022-02-03	90	26	<LOD	8103	33782	323	162136	392	3251	34	<LOD	384	10394	42	9816	36	1711	76	<LOD	88	<LOD	45	231	10	11809	46
148780024	148740006	soil < 250 µm	2022-02-03	90	27	<LOD	6523	30237	308	163996	395	2907	32	<LOD	340	12158	46	12796	42	2661	81	<LOD	96	43	10	258	10	18479	62
148780025	148740101	soil < 250 µm	2022-02-03	90	28	<LOD	8468	33590	325	146818	378	3245	34	<LOD	393	10278	42	11272	39	2148	78	<LOD	91	78	11	231	10	16988	59
148780026	148740070	soil < 250 µm	2022-02-03	90	29	<LOD	6726	33239	315	175286	402	3426	35	<LOD	375	9703	41	8514	32	999	73	<LOD	82	31	10	152	9	9681	40
148780027	148740060	soil < 250 µm	2022-02-03	90	30	<LOD	8967	37290	345	155737	398	3173	35	140	28	9262	41	10214	38	1096	75	<LOD	85	<LOD	46	128	9	10678	44
148780028	148740020	soil < 250 µm	2022-02-03	90	31	<LOD	7824	26070	298	138208	368	3075	33	<LOD	428	10256	42	8553	33	2875	76	66	20	66	10	272	10	24824	78
148780029	148740089	soil < 250 µm	2022-02-03	90	32	<LOD	6908	22088	287	167644	408	2800	33	368	28	10944	45	17359	53	1793	80	<LOD	92	56	11	206	10	11605	47
148780030	148740111	soil < 250 µm	2022-02-03	90	33	<LOD	6669	24045	288	171852	406	2905	33	<LOD	364	11019	44	13968	45	1812	79	<LOD	90	50	11	209	10	11316	45
148780031	Standard	MRIHB20-2	2022-02-03	90	34	<LOD	7273	37231	319	136583	357	3143	32	125	23	7424	34	7873	30	2854	71	73	19	57	10	213	9	32520	93
148780032	148740032	soil < 250 µm	2022-02-03	90	35	<LOD	5999	27929	298	176295	411	2947	33	<LOD	314	12911	48	15532	49	2586	82	<LOD	96	38	11	256	10	17808	61
148780033	148740028	soil < 250 µm	2022-02-03	90	36	<LOD	8773	33156	321	156392	387	3272	34	<LOD	409	8803	39	8446	32	1125	74	<LOD	85	<LOD	44	147	9	11269	44
148780034	148740061	soil < 250 µm	2022-02-03	90	37	<LOD	7971	42531	351	135490	364	3531	35	717	28	7970	37	10248	37	2161	76	<LOD	91	39	10	210	10	17847	61
148780035	148740077	soil < 250 µm	2022-02-03	90	38	<LOD	7812	45570	356	127768	353	3308	34	592	27	8002	37	10742	37	2860	78	71	21	67	10	272	10	23148	74
148780036	148740102	soil < 250 µm	2022-02-03	90	39	<LOD	9653	41850	357	111351	331	3099	33	<LOD	520	6412	34	9026	34	1495	72	<LOD	85	<LOD	45	152	9	15643	56
148780037	148740048	soil < 250 µm	2022-02-03	90	40	<LOD	7671	38446	339	142006	370	3193	34	487	27	9605	41	9820	36	1953	77	<LOD	89	45	10	180	10	14931	54
148780038	148740019	soil < 250 µm	2022-02-03	90	41	<LOD	8278	29816	323	146380	390	2696	33	342	28	10082	43	9866	37	2541	82	72	22	36	11	176	10	17010	61
148780039	148740092	soil < 250 µm	2022-02-03	90	42	<LOD	8785	34633	326	146303	377	4003	37	127	26	9152	40	9135	34	2113	77	<LOD	92	<LOD	46	253	10	16735	58
148780040	148740082	soil < 250 µm	2022-02-03	90	43	<LOD	7111	29448	313	160265	403	2663	32	<LOD	368	10718	44	14409	47	2514	81	<LOD	96	65	11	234	10	16353	59
148780041	Standard	Blanc quartz < 90 µm 2020	2022-02-03	90	44	<LOD	5405	1493	145	292515	463	3099	33	<LOD	235	<LOD	309	1350	15	487	68	<LOD	68	<LOD	37	88	8	816	11
148780042	148740075	soil < 250 µm	2022-02-03	90	45	<LOD	8927	37005	334	151731	384	3722	37	275	27	7725	37	9383	35	1650	77	<LOD	87	<LOD	44	145	9	11329	45
148780043	148740110	soil < 250 µm	2022-02-03	90	46	<LOD	6528	24899	290	168487	397	2712	32	<LOD	348	12536	47	13994	45	1683	78	<LOD	89	<LOD	46	203	10	11055	44
148780044	148740128	soil < 250 µm	2022-02-03	90	47	<LOD	9472	42548	349	119332	340	3306	33	284	25	7836	36	9874	35	2868	75	86	20	63	10	314	10	24006	75
148780045	148740135	soil < 250 µm	2022-02-03	90	48	<LOD	7188	39810	337	158627	386	3372	35	<LOD	398	8789	39	9265	34	1308	74	<LOD	83	<LOD	44	123	9	11164	44
148780046	148740097	soil < 250 µm	2022-02-03	90	49	3655	1141	35225	337	138901	442	3300	35	<LOD	422	8858	43	9179	38	2342	77	<LOD	93	<LOD	46	203	10	15556	63
148780047	148740076	soil < 250 µm	2022-02-03	90	50	<LOD	7957	42635	352	135983	364	3404	35	453	27	8565	38	9228	34	1989	77	<LOD	91	34	10	170	10	16420	57
148780048	148740064	soil < 250 µm	2022-02-03	90	51	<LOD	9921	34516	320	117908	334	2841	31	<LOD	475	7543	35	7588	30	3086	75	<LOD	96	32	9	257	10	26860	81
148780049	148740033	soil < 250 µm	2022-02-03	90	52	<LOD	8300	35881	328	126809	348	2669	30	<LOD	459	8852	38	7850	31	2732	74	79	20	30	10	135	9	21554	69
148780050	148740003	soil < 250 µm	2022-02-03	90	53	<LOD	7529	25174	302	159417	404	2571	32	<LOD	391	10696	45	12077	42	2376	83	<LOD	97	42	11	181	10	15097	56
148780051	Standard	MRIHB20-2	2022-02-03	90	54	<LOD	7681	37443	322	130476	349	3037	31	144	23	7180	33	7522	29	2656	71	71	19	50	9	212	9	33809	96
148780052	148740124	soil < 250 µm	2022-02-03	90	55	<LOD	7009	26827	312	162081	412	2569	33	<LOD	352	13905	52	16872	54	2693	83	<LOD	102	70	11	284	11	19679	68
148780053	148740013	soil < 250 µm	2022-02-03	90	56	<LOD	10219	20299	269	98005	314	2721	29	427	23	5922	30	5939	26	2916	66	57	17	47	9	455	11	59016	163
148780054	148740134	soil < 250 µm	2022-02-03	90	57	<LOD	9887	45543	365	127263	355	3254	34	1025	28	8601	39	8678	33	1623	74	<LOD	89	<LOD	45	161	9	16799	59
148780055	148740036	soil < 250 µm	2022-02-03	90	58	<LOD	6996	31972	317	155376	392	2846	32	<LOD	368	10632	43	13163	43	2550	79	<LOD	96	61	11	235	10	20186	67
148780056	148740065	soil < 250 µm	2022-02-03	90	59	<LOD	9654	36615	348	121135	356	2928	34	426	27	7260	37	8519	34	2240	77	75	21	30	10	216	10	19553	67
148780057	148740126	soil < 250 µm	2022-02-03	90	60	<LOD	8414	33850	323	118903	340	2834	31	<LOD	470	7854	36	10584	37	2554	72	<LOD	92	55	10	220	10	26804	82
148780058	148740042	soil < 250 µm	2022-02-03	90	61	<LOD	6092	26985	290	172032	396	2897	32	<LOD	323	11640	44	13881	44	2344	80	<LOD	92	100	11	236	10	13613	50
148780059	148740062	soil < 250 µm	2022-02-03	90	62	<LOD	7271	36131	326	145353	371	3362	34	99	25	9079	39	11137	38	2675	79	<LOD	94	35	10	237	10	17359	59
148780060	148740132	soil < 250 µm	2022-02-03	90	63	<LOD	7283	35446	328	165153	396	3299	35	<LOD	384	8853	39	9580	35	1003	74	<LOD	82	41	11	176	9	9250	39
148780061	Standard	Blanc quartz < 90 µm 2020	2022-02-03	90	64	<LOD	5599	1051	144	283914	461	3113	34	<LOD	242	<LOD	326	1254	15	420	68	<LOD	69	<LOD	38	72	8	727	10
148780062	148740050	soil < 250 µm	2022-02-03	90	65	<LOD	9629	39921	344	131826	357	3153	33	444	26	8611	38	9170	34	1633	74	<LOD	87	36	10	161	9	15588	55
148780063	148740068	soil < 250 µm	2022-02-03	90	66	<LOD	8269	29863	325	144924	390	3039	34	<LOD	445	10441	44	10211	38	2105	79	<LOD	94	33	11	196	10	15852	58
148780064	148740017	soil < 250 µm	2022-02-03	90	67	<LOD	7858	34537	328	143840	376	2993	33	962	29	8713	39	10017	36	2101	77	<LOD	90	61	11	177	10	15189	55
148780065	148740084	soil < 250 µm	2022-02-03	90	68	<LOD	9905	31372	333	114733	347	2464	31	418	27	8335	39	9114	35	1934	75	63	20	<LOD	49	186	10	20595	70
148780066	148740107	soil < 250 µm	2022-02-03	90	69	<LOD	6312	24450	284	180890	406	2751	32	284	27	10766	43	12199	40	1115	74	<LOD	83	<LOD	43	120	9	7914	35
148780067	148740086	soil < 250 µm	2022-02-03	90	70	<LOD	7385	28550	303	143135	375	2943	32	<LOD	412	9074	39	10938	38	3901	83	<LOD	102	74	11	300	11	23042	74
148780068	148740044	soil < 250 µm	2022-02-03	90	71	<LOD	7646	31522	310	137117	361	3338	33	<LOD	412	8558	38	8962	33	2951	78	<LOD	96	47	10	237	10	22147	70
148780069	148740127	soil < 250 µm	2022-02-03	90	72	<LOD	7056	27836	306	161309	405	2525	32	<LOD	358	10996	45	13812	46	2737	81	<LOD	100	52	11	344	11	21224	71
148780070	148740053	soil < 250 µm	2022-02-03	90	73	<LOD	7838	29676	319	144067	383	2894	33	<LOD	408	10635	44	12564	43	2384	80	<LOD	96	57	11	223	10	17716	62
Blank	Blank Vanta	Blank Vanta	2022-02-07	90	2	<LOD	2494	<LOD	628	498269	473	<LOD	47	<LOD	87	<LOD	125	<LOD	106	<LOD	131	<LOD	64	<LOD	35	<LOD	271	24	5
148780071	Standard	MRIHB20-2	2022-02-07	90	3	<LOD	8497	38386	340	134415	361	3044	32	100	24	7247	34	7722	30	2679	71	77	19	39	9	197	9	33424	96
148780072	148740034	soil < 250 µm	2022-02-07	90	4	<LOD	8599	29090	325	148717	388	2962	34	<LOD	393	9880	42	10123	37	2732	79	68	21	<LOD	47	280	10	18499	63
148780073	148740018	soil < 250 µm	2022-02-07	90	5	<LOD	8872	30698	330	142539	381	2898	33	115	26	9015	40	8477	33	2552	77	<LOD	91	<LOD	47	158	10	19628	66
148780074	148740098	soil < 250 µm	2022-02-07	90	6	<LOD	8069	35325	335	156251	390	2988	33	<LOD	387	9867	41	10472	37	2258	77	<LOD	91	47	10	186	10	16327	57
148780075	148740008	soil < 250 µm	2022-02-07	90	7	<LOD	9026	37465	347	134460	367	3351	35	<LOD	430	9224	40	10538	37	2695	79	68	21	87	11	245	10	20883	68

Sample Échantillon	Field number Numéro terrain	Content Contient	Co ppm	Co Error1s ppm	Ni ppm	Ni Error1s ppm	Cu ppm	Cu Error1s ppm	Zn ppm	Zn Error1s ppm	As ppm	As Error1s ppm	Se ppm	Se Error1s ppm	Rb ppm	Rb Error1s ppm	Sr ppm	Sr Error1s ppm	Y ppm	Y Error1s ppm	Zr ppm	Zr Error1s ppm	Nb ppm	Nb Error1s ppm	Mo ppm	Mo Error1s ppm	Ag ppm	Ag Error1s ppm	Cd ppm	Cd Error1s ppm	Sn ppm
Blank	Blank Vanta	Blank Vanta	11	3	<LOD	7	7	2	3	1	<LOD	3	<LOD	2	<LOD	2	<LOD	2	<LOD	3	4	1	<LOD	4	<LOD	6	<LOD	54	<LOD	22	15
148780001	Standard	Blanc quartz < 90 µm 2020	<LOD	18	<LOD	8	<LOD	8	<LOD	6	<LOD	3	<LOD	2	2	0	<LOD	3	10	1	75	1	<LOD	4	<LOD	6	<LOD	62	<LOD	22	<LOD
148780002	148740119	soil < 250 µm	43	13	30	2	20	2	37	2	<LOD	4	<LOD	2	49	1	297	2	13	1	207	1	<LOD	5	<LOD	6	<LOD	67	<LOD	22	20
148780003	148740037	soil < 250 µm	<LOD	90	12	2	12	2	26	2	3	1	<LOD	2	46	1	277	2	6	1	165	1	<LOD	5	5	1	<LOD	72	<LOD	22	<LOD
148780004	148740057	soil < 250 µm	<LOD	68	34	2	7	2	32	2	<LOD	4	<LOD	2	45	1	282	1	9	1	215	1	<LOD	4	3	1	<LOD	65	<LOD	22	<LOD
148780005	148740067	soil < 250 µm	<LOD	68	27	2	9	2	38	2	<LOD	4	<LOD	2	44	1	301	2	6	1	107	1	<LOD	4	<LOD	6	<LOD	64	<LOD	22	<LOD
148780006	148740100	soil < 250 µm	<LOD	59	20	2	<LOD	9	24	2	2	1	<LOD	2	50	1	306	2	7	1	117	1	<LOD	5	<LOD	6	<LOD	66	<LOD	22	<LOD
148780007	148740083	soil < 250 µm	<LOD	49	16	2	<LOD	9	19	1	<LOD	4	<LOD	2	50	1	307	1	6	1	135	1	<LOD	4	3	1	<LOD	65	<LOD	22	<LOD
148780008	148740109	soil < 250 µm	<LOD	46	10	2	9	2	19	1	<LOD	4	<LOD	2	52	1	312	2	3	1	87	1	<LOD	5	<LOD	6	<LOD	64	<LOD	23	<LOD
148780009	148740041	soil < 250 µm	<LOD	55	23	2	10	2	22	1	<LOD	4	<LOD	2	44	1	288	1	6	1	62	1	<LOD	5	<LOD	6	<LOD	64	<LOD	22	<LOD
148780010	148740027	soil < 250 µm	<LOD	66	17	2	12	2	22	1	<LOD	4	<LOD	2	45	1	267	1	5	1	130	1	<LOD	4	<LOD	6	<LOD	66	<LOD	21	<LOD
148780011	Standard	MRIHB20-2	<LOD	86	21	2	14	2	41	2	<LOD	3	<LOD	2	40	1	229	1	7	1	171	1	2	1	<LOD	6	<LOD	64	<LOD	20	<LOD
148780012	148740035	soil < 250 µm	48	12	28	2	7	2	22	2	<LOD	4	<LOD	2	46	1	327	2	8	1	160	1	<LOD	4	<LOD	6	<LOD	63	<LOD	22	<LOD
148780013	148740094	soil < 250 µm	<LOD	55	14	2	6	2	24	2	<LOD	4	<LOD	2	49	1	294	2	3	1	77	1	<LOD	5	4	1	<LOD	65	<LOD	23	<LOD
148780014	148740046	soil < 250 µm	<LOD	70	15	2	6	2	27	2	2	1	<LOD	2	50	1	294	2	5	1	102	1	<LOD	5	<LOD	6	<LOD	69	<LOD	23	<LOD
148780015	148740085	soil < 250 µm	<LOD	68	12	2	<LOD	9	18	2	3	1	<LOD	2	48	1	290	2	5	1	150	1	<LOD	4	<LOD	6	<LOD	69	<LOD	22	<LOD
148780016	148740071	soil < 250 µm	<LOD	54	12	2	12	2	20	1	<LOD	4	<LOD	2	48	1	298	1	3	1	69	1	<LOD	4	<LOD	6	<LOD	62	<LOD	22	<LOD
148780017	148740014	soil < 250 µm	<LOD	53	17	2	<LOD	9	18	1	<LOD	4	<LOD	2	50	1	324	2	4	1	46	1	<LOD	5	<LOD	6	<LOD	61	<LOD	23	<LOD
148780018	148740103	soil < 250 µm	<LOD	55	17	2	<LOD	9	17	1	<LOD	4	<LOD	2	51	1	300	2	3	1	56	1	<LOD	5	<LOD	6	<LOD	65	<LOD	23	<LOD
148780019	148740133	soil < 250 µm	<LOD	52	13	2	10	2	21	1	<LOD	4	<LOD	2	52	1	283	1	2	1	57	1	<LOD	4	<LOD	6	<LOD	65	<LOD	22	<LOD
148780020	148740141	soil < 250 µm	<LOD	62	18	2	<LOD	9	25	2	<LOD	4	<LOD	2	48	1	286	1	7	1	173	1	<LOD	4	<LOD	6	<LOD	62	<LOD	22	<LOD
148780021	Standard	Blanc quartz < 90 µm 2020	<LOD	17	<LOD	8	7	2	6	1	<LOD	3	<LOD	2	2	0	<LOD	3	9	1	80	1	<LOD	4	4	1	<LOD	61	<LOD	22	<LOD
148780022	148740129	soil < 250 µm	<LOD	72	27	2	7	2	36	2	<LOD	4	<LOD	2	45	1	290	2	6	1	130	1	<LOD	5	<LOD	6	<LOD	68	<LOD	22	<LOD
148780023	148740039	soil < 250 µm	<LOD	52	15	2	7	2	33	2	<LOD	4	<LOD	2	53	1	309	2	3	1	89	1	<LOD	5	<LOD	6	<LOD	62	<LOD	22	<LOD
148780024	148740006	soil < 250 µm	<LOD	66	24	2	8	2	34	2	2	1	<LOD	2	57	1	303	2	6	1	190	1	<LOD	5	4	1	<LOD	66	<LOD	22	<LOD
148780025	148740101	soil < 250 µm	<LOD	63	17	2	<LOD	9	43	2	<LOD	4	<LOD	2	52	1	305	2	5	1	131	1	<LOD	5	<LOD	6	<LOD	65	<LOD	22	<LOD
148780026	148740070	soil < 250 µm	<LOD	47	18	2	8	2	21	1	<LOD	4	<LOD	2	50	1	302	1	3	1	41	1	<LOD	4	<LOD	6	<LOD	60	<LOD	22	<LOD
148780027	148740060	soil < 250 µm	<LOD	51	16	2	6	2	20	2	<LOD	4	<LOD	2	47	1	308	2	3	1	71	1	<LOD	5	<LOD	6	<LOD	64	<LOD	23	<LOD
148780028	148740020	soil < 250 µm	<LOD	76	12	2	9	2	30	2	<LOD	4	<LOD	2	55	1	282	1	6	1	137	1	<LOD	4	<LOD	6	<LOD	71	<LOD	21	<LOD
148780029	148740089	soil < 250 µm	35	11	17	2	10	2	22	2	<LOD	4	<LOD	3	50	1	345	2	7	1	175	1	<LOD	5	4	1	<LOD	67	<LOD	23	<LOD
148780030	148740111	soil < 250 µm	<LOD	52	17	2	12	2	21	2	<LOD	4	<LOD	2	50	1	338	2	13	1	122	1	<LOD	5	<LOD	6	<LOD	62	<LOD	23	<LOD
148780031	Standard	MRIHB20-2	<LOD	85	20	2	16	2	39	2	<LOD	3	<LOD	2	39	1	227	1	9	1	179	1	<LOD	4	<LOD	6	<LOD	68	<LOD	20	<LOD
148780032	148740032	soil < 250 µm	44	13	30	2	16	2	34	2	<LOD	4	<LOD	2	51	1	326	2	12	1	226	1	<LOD	5	<LOD	6	<LOD	68	<LOD	22	<LOD
148780033	148740028	soil < 250 µm	<LOD	51	12	2	8	2	18	1	<LOD	4	<LOD	2	51	1	290	1	3	1	66	1	<LOD	5	<LOD	6	<LOD	64	16	4	<LOD
148780034	148740061	soil < 250 µm	<LOD	64	25	2	8	2	32	2	<LOD	4	<LOD	2	42	1	299	2	7	1	93	1	<LOD	5	<LOD	6	<LOD	64	<LOD	22	<LOD
148780035	148740077	soil < 250 µm	<LOD	74	28	2	14	2	35	2	<LOD	4	<LOD	2	40	1	285	1	8	1	156	1	<LOD	4	<LOD	6	<LOD	64	<LOD	22	<LOD
148780036	148740102	soil < 250 µm	<LOD	60	17	2	7	2	17	1	<LOD	4	<LOD	2	46	1	296	1	5	1	77	1	<LOD	4	<LOD	6	<LOD	64	<LOD	22	<LOD
148780037	148740048	soil < 250 µm	<LOD	58	23	2	<LOD	9	27	2	<LOD	4	<LOD	2	49	1	299	2	4	1	99	1	<LOD	5	4	1	<LOD	64	<LOD	22	<LOD
148780038	148740019	soil < 250 µm	<LOD	65	16	2	10	2	33	2	2	1	<LOD	2	50	1	294	2	5	1	199	1	3	1	4	1	<LOD	71	<LOD	23	<LOD
148780039	148740092	soil < 250 µm	<LOD	62	24	2	<LOD	9	30	2	2	1	<LOD	2	49	1	296	2	5	1	116	1	<LOD	5	<LOD	6	<LOD	66	13	4	<LOD
148780040	148740082	soil < 250 µm	<LOD	64	27	2	17	2	24	2	<LOD	4	<LOD	3	48	1	321	2	8	1	235	2	<LOD	5	<LOD	7	<LOD	64	<LOD	23	19
148780041	Standard	Blanc quartz < 90 µm 2020	<LOD	18	<LOD	8	<LOD	8	5	1	<LOD	3	<LOD	2	2	0	1	0	10	1	80	1	<LOD	4	<LOD	6	<LOD	60	<LOD	22	<LOD
148780042	148740075	soil < 250 µm	<LOD	51	15	2	<LOD	9	21	2	<LOD	4	<LOD	2	45	1	292	1	4	1	54	1	<LOD	5	<LOD	6	<LOD	63	<LOD	23	17
148780043	148740110	soil < 250 µm	<LOD	51	20	2	6	2	22	2	<LOD	4	<LOD	2	54	1	334	2	5	1	111	1	<LOD	5	<LOD	6	<LOD	65	<LOD	22	<LOD
148780044	148740128	soil < 250 µm	<LOD	75	35	2	13	2	39	2	<LOD	4	<LOD	2	43	1	283	1	7	1	207	1	<LOD	4	<LOD	6	<LOD	64	<LOD	21	<LOD
148780045	148740135	soil < 250 µm	<LOD	50	12	2	<LOD	9	18	1	<LOD	4	<LOD	2	48	1	306	1	<LOD	4	61	1	<LOD	4	<LOD	6	<LOD	63	<LOD	22	<LOD
148780046	148740097	soil < 250 µm	<LOD	60	21	2	11	2	26	2	2	1	<LOD	2	48	1	301	2	5	1	78	1	<LOD	5	<LOD	6	<LOD	64	<LOD	22	17
148780047	148740076	soil < 250 µm	<LOD	62	26	2	10	2	22	2	<LOD	4	<LOD	2	49	1	291	1	5	1	100	1	<LOD	5	<LOD	6	<LOD	65	<LOD	22	<LOD
148780048	148740064	soil < 250 µm	<LOD	77	13	2	8	2	35	2	3	1	<LOD	2	49	1	265	1	6	1	106	1	3	1	<LOD	6	<LOD	67	<LOD	21	<LOD
148780049	148740033	soil < 250 µm	<LOD	70	12	2	<LOD	9	19	1	<LOD	4	<LOD	2	48	1	261	1	5	1	135	1	<LOD	4	<LOD	6	<LOD	68	<LOD	21	<LOD
148780050	148740003	soil < 250 µm	<LOD	61	13	2	6	2	19	2	<LOD	4	<LOD	3	51	1	316	2	5	1	130	1	<LOD	5	4	1	<LOD	66	<LOD	23	<LOD
148780051	Standard	MRIHB20-2	<LOD	86	24	2	14	2	36	2	3	1	<LOD	2	40	1	226	1	6	1	161	1	<LOD	4	<LOD	6	<LOD	64	<LOD	20	<LOD
148780052	148740124	soil < 250 µm	56	14	47	3	23	2	39	2	<LOD	4	<LOD	3	57	1	314	2	11	1	209	1	<LOD	5	<LOD	7	<LOD	71	<LOD	23	18
148780053	148740013	soil < 250 µm	<LOD	114	14	2	9	2	26	2	<LOD	3	<LOD	2	43	1	237	1	5	1	141	1	<LOD	4	4	1	<LOD	73	<LOD	18	<LOD
148780054	148740134	soil < 250 µm	<LOD	62	19	2	<LOD	9	19	2	<LOD	4	<LOD	2	49	1	296	2	5	1	89	1	<LOD	5	<LOD	6	<LOD	65	<LOD	22	<LOD
148780055	148740036	soil < 250 µm	60	14	42	2	6	2	28	2	2	1	<LOD	2	47	1	316	2	10	1	220	1	<LOD	5	5	1	<LOD	69	<LOD	22	23
148780056	148740065	soil < 250 µm	<LOD	69	16	2	13	2	27	2	<LOD	4	<LOD	2	42	1	284	2	6	1	87	1	<LOD	5	<LOD	6	<LOD	68	<LOD	23	<LOD
148780057	148740126	soil < 250 µm	<LOD	79	33	2	10	2	32	2	<LOD	4	<LOD	2	40	1	275	1	9	1	163	1	<LOD	4	4	1	<LOD	70	<LOD	21	<LOD
148780058	148740042	soil < 250 µm	<LOD	55	20	2	10	2	21	2	<LOD	4	<LOD	2	50	1	323	2	14	1	146	1	<LOD	4	4	1	<LOD	63	<LOD	22	<LOD
148780059	148740062	soil < 250 µm	<LOD	62	27	2	8	2	22	2	<LOD	4	<LOD	2	47	1	302	2	6	1	125	1	<LOD	4	<LOD	6	<LOD	63	<LOD	22	<LOD
148780060	148740132	soil < 250 µm	<LOD	46	10	2	<LOD	9	20	1	<LOD	4	<LOD	2	49	1	316	2	3	1	49	1	<LOD	5	<LOD	6	<LOD	63	<LOD	23	<LOD
148780061	Standard	Blanc quartz < 90 µm 2020	<LOD	17	<LOD	8	<LOD	8	5	1	<LOD	3	<LOD	2	1	0	<LOD	3	10	1	80	1	<LOD	4	<LOD	6	<LOD	62	<LOD	22	<LOD
148780062	148740050	soil < 250 µm	<LOD	59	19	2	7	2	20	2	<LOD	4	<LOD	2	47	1	295	1	4	1	70	1	<LOD	4	<LOD	6	<LOD	64	13	4	<LOD
148780063	148740068	soil < 250 µm	<LOD	63	16	2	9	2	32	2	<LOD	4	<LOD	2	50	1	300	2	5	1	138	1	<LOD	5	4	1	<LOD	68	<LOD	23	21
148780064	148740017	soil < 250 µm	<LOD	60	16	2	8	2	21	2	<LOD	4	<LOD	2	47	1	310	2	5	1	101	1	<LOD	5	<LOD	6	<LOD	65	<LOD	22	<LOD
148780065	148740084	soil < 250 µm	<LOD	71	16	2	6	2	18	2	<LOD	4	<LOD	2	45	1	301	2	5	1	120	1	<LOD	5	<LOD	6	<LOD	70	<LOD	23	<LOD
148780066	148740107	soil < 250 µm	<LOD	43	12	2	<LOD	9	16	1	<LOD	4	<LOD	2	51	1	332	2	4	1	53	1	<LOD	5	<LOD	6	<LOD	61	<LOD	22	<LOD
148780067	148740086	soil < 250 µm	<LOD	74	18	2	7	2	23	2	3	1	<LOD	2	47	1	310	2	7	1	214	1	<LOD	4	<LOD	6	<LOD	66	<LOD	22	17
148780068	148740044	soil < 250 µm	<LOD	70	15	2	11	2	26	2	<LOD	4	<LOD	2	48	1	292	1	6	1	116	1	<LOD	4	3	1	<LOD	61	<LOD	21	<LOD
148780069	148740127	soil < 250 µm	<LOD	73	32	2	18	2	28	2	<LOD	4	<LOD	2	47	1	305	2	8	1	211	1	<LOD	5	<LOD	6	<LOD	67	16	4	<LOD
148780070	148740053	soil < 250 µm	<LOD	66	22	2	13	2	25	2	<LOD	4	<LOD	3	49	1	316	2	5	1	210	1	<LOD	5	<LOD	7	<LOD	67	<LOD	23	<LOD
Blank	Blank Vanta	Blank Vanta	<LOD	13	<LOD	7	<LOD	8	<LOD	6	<LOD	3	<LOD	2	<LOD	2	<LOD	2	<LOD	3	5	1	<LOD	4	<LOD	6	<LOD	53	<LOD	22	<LOD
148780071	Standard	MRIHB20-2	59	16	25	2	13	2	37	2	<LOD	3	<LOD	2	39	1	230	1	9	1	154	1	<LOD	4	<LOD	6	<LOD	65	<LOD	20	17
148780072	148740034	soil < 250 µm	<LOD	66	18	2	8	2	29	2	<LOD	4	<LOD	2	53	1	293	2	5	1	152	1	<LOD	5	4	1	<LOD	70	<LOD	22	17
148780073	148740018	soil < 250 µm	<LOD	68	11	2	12	2	27	2	<LOD	4	<LOD	2	47	1	278	1	5	1	134	1	<LOD	5	<LOD	6	<LOD	69	<LOD	22	<LOD
148780074	148740098	soil < 250 µm	<LOD	61	23	2	<LOD	9	23	2	<LOD	4	<LOD	2	49	1	302	2	7	1	173	1	<LOD	4	<LOD	6	<LOD	63	<LOD	22	<LOD
148780075	148740008	soil < 250 µm	<LOD	70	23	2	<LOD	9	46	2	<LOD	4	<LOD	2	51	1	305	2	7	1	117	1	<LOD	4	<LOD	6	<LOD	65	<LOD	22	22

Sample Échantillon	Field number Numéro terrain	Content Contient	Sn ppm	Error1s ppm	Sb ppm	Error1s ppm	Ba ppm	Error1s ppm	La ppm	Error1s ppm	Ce ppm	Error1s ppm	Pr ppm	Error1s ppm	Nd ppm	Error1s ppm	W ppm	Error1s ppm	Hg ppm	Error1s ppm	Pb ppm	Error1s ppm	Bi ppm	Error1s ppm	Th ppm	Error1s ppm	U ppm	Error1s ppm	LE ppm	LE Error1s ppm	Comment Commentaire
Blank	Blank Vanta	Blank Vanta	5	<LOD	42	<LOD	780	<LOD	1467	<LOD	1634	<LOD	2273	<LOD	3338	<LOD	11	<LOD	8	<LOD	3	<LOD	29	<LOD	10	<LOD	6	505835	475	
148780001	Standard	Blanc quartz < 90 µm 2020	30	<LOD	42	<LOD	855	<LOD	1595	<LOD	1752	<LOD	2414	<LOD	3498	<LOD	11	<LOD	8	<LOD	4	<LOD	31	12	2	<LOD	6	707173	482	
148780002	148740119	soil < 250 µm	5	<LOD	42	304	10	<LOD	1783	<LOD	1976	<LOD	2728	<LOD	3995	<LOD	13	<LOD	9	12	1	<LOD	34	13	2	<LOD	7	752866	1080	
148780003	148740037	soil < 250 µm	30	<LOD	41	252	10	<LOD	1815	<LOD	1995	<LOD	2768	<LOD	4040	<LOD	12	<LOD	8	15	1	<LOD	33	16	2	<LOD	7	784092	454	
148780004	148740057	soil < 250 µm	29	<LOD	41	310	10	<LOD	1720	75	20	<LOD	2635	<LOD	3853	<LOD	12	<LOD	8	13	1	<LOD	32	13	2	4	1	770267	464	
148780005	148740067	soil < 250 µm	30	<LOD	42	308	10	<LOD	1655	<LOD	1839	<LOD	2543	<LOD	3700	<LOD	12	<LOD	8	12	1	<LOD	32	9	2	<LOD	7	763917	466	1 cm in pellet, half only
148780006	148740100	soil < 250 µm	31	<LOD	43	335	10	<LOD	1697	<LOD	1872	<LOD	2619	<LOD	3844	<LOD	12	<LOD	9	11	1	<LOD	33	14	2	<LOD	7	765889	466	
148780007	148740083	soil < 250 µm	30	<LOD	42	306	10	<LOD	1683	<LOD	1855	<LOD	2574	<LOD	3756	<LOD	12	<LOD	8	12	1	<LOD	33	11	2	<LOD	7	771261	457	
148780008	148740109	soil < 250 µm	31	<LOD	43	330	10	77	17	79	19	<LOD	2538	<LOD	3719	<LOD	12	<LOD	8	10	1	<LOD	34	14	2	4	1	772467	454	
148780009	148740041	soil < 250 µm	30	<LOD	43	254	9	<LOD	1697	<LOD	1868	<LOD	2603	<LOD	3802	<LOD	12	<LOD	8	8	1	<LOD	33	12	2	3	1	788114	458	
148780010	148740027	soil < 250 µm	29	<LOD	40	260	9	<LOD	1705	57	18	<LOD	2629	<LOD	3837	<LOD	11	<LOD	8	13	1	<LOD	32	17	2	3	1	813188	444	
148780011	Standard	MRIHB20-2	27	<LOD	38	281	11	<LOD	1710	66	21	<LOD	2632	<LOD	3839	<LOD	11	<LOD	8	9	1	<LOD	30	<LOD	10	<LOD	6	771186	442	
148780012	148740035	soil < 250 µm	30	<LOD	42	328	11	<LOD	1694	65	21	<LOD	2601	<LOD	3808	<LOD	12	<LOD	8	10	1	<LOD	33	11	2	4	1	755607	457	
148780013	148740094	soil < 250 µm	32	<LOD	44	292	10	<LOD	1683	<LOD	1855	100	27	138	42	<LOD	12	<LOD	9	10	1	<LOD	34	20	2	4	1	784873	475	
148780014	148740046	soil < 250 µm	31	<LOD	43	274	10	52	17	63	19	<LOD	2715	<LOD	3980	<LOD	12	<LOD	9	10	1	<LOD	34	21	2	<LOD	7	774891	463	
148780015	148740085	soil < 250 µm	30	<LOD	41	275	10	<LOD	1758	<LOD	1935	<LOD	2691	<LOD	3926	<LOD	12	<LOD	8	14	1	<LOD	33	13	2	<LOD	7	785214	453	
148780016	148740071	soil < 250 µm	30	<LOD	42	299	10	<LOD	1658	<LOD	1833	<LOD	2557	<LOD	3759	<LOD	12	<LOD	8	10	1	<LOD	32	9	2	3	1	774630	458	
148780017	148740014	soil < 250 µm	31	<LOD	43	306	10	<LOD	1653	<LOD	1835	<LOD	2561	<LOD	3738	<LOD	12	<LOD	9	10	1	<LOD	33	16	2	<LOD	7	759593	464	
148780018	148740103	soil < 250 µm	31	<LOD	43	252	9	<LOD	1664	<LOD	1828	<LOD	2537	128	40	<LOD	12	<LOD	8	11	1	<LOD	34	15	2	<LOD	7	805706	460	
148780019	148740133	soil < 250 µm	30	26	8	305	10	<LOD	1657	<LOD	1837	<LOD	2549	<LOD	3727	<LOD	11	<LOD	8	10	1	<LOD	33	11	2	<LOD	7	774091	459	
148780020	148740141	soil < 250 µm	30	<LOD	41	316	10	58	18	61	20	95	29	<LOD	3736	<LOD	11	<LOD	8	11	1	<LOD	32	12	2	<LOD	7	764303	450	
148780021	Standard	Blanc quartz < 90 µm 2020	30	<LOD	41	<LOD	845	64	17	60	19	<LOD	2394	<LOD	3488	<LOD	11	<LOD	8	<LOD	4	<LOD	31	11	2	2	1	690950	475	
148780022	148740129	soil < 250 µm	31	<LOD	43	287	10	53	17	62	19	<LOD	2688	<LOD	3934	<LOD	12	<LOD	8	11	1	<LOD	33	16	2	4	1	785626	462	
148780023	148740039	soil < 250 µm	31	<LOD	43	322	10	50	17	<LOD	1819	<LOD	2539	<LOD	3713	<LOD	12	<LOD	9	9	1	<LOD	33	15	2	4	1	765961	459	
148780024	148740006	soil < 250 µm	30	<LOD	42	343	10	<LOD	1715	<LOD	1901	<LOD	2641	<LOD	3847	<LOD	12	<LOD	9	10	1	<LOD	33	18	2	<LOD	7	755466	454	
148780025	148740101	soil < 250 µm	30	<LOD	42	328	10	<LOD	1679	<LOD	1858	<LOD	2579	<LOD	3800	<LOD	12	<LOD	9	15	1	<LOD	33	15	2	3	1	774440	452	
148780026	148740070	soil < 250 µm	31	<LOD	43	304	10	<LOD	1631	<LOD	1796	<LOD	2511	150	44	<LOD	12	<LOD	8	13	1	<LOD	33	12	2	<LOD	7	758047	462	
148780027	148740060	soil < 250 µm	32	<LOD	45	284	10	<LOD	1681	<LOD	1854	<LOD	2580	146	42	<LOD	12	<LOD	9	10	1	<LOD	34	13	2	4	1	771356	476	
148780028	148740020	soil < 250 µm	29	<LOD	40	285	10	<LOD	1793	<LOD	1970	<LOD	2758	<LOD	4023	<LOD	12	<LOD	8	12	1	<LOD	32	13	2	4	1	784888	435	
148780029	148740089	soil < 250 µm	32	26	8	338	10	72	17	64	19	83	28	<LOD	3850	<LOD	13	<LOD	9	11	1	<LOD	35	19	2	4	1	763854	459	
148780030	148740111	soil < 250 µm	31	<LOD	43	329	10	<LOD	1666	<LOD	1843	<LOD	2575	<LOD	3781	<LOD	12	<LOD	9	12	1	<LOD	34	16	2	<LOD	7	761892	456	
148780031	Standard	MRIHB20-2	27	<LOD	38	292	11	77	19	70	21	<LOD	2661	<LOD	3916	<LOD	11	<LOD	8	10	1	<LOD	30	12	2	<LOD	6	770913	435	
148780032	148740032	soil < 250 µm	30	<LOD	42	351	11	<LOD	1722	<LOD	1906	<LOD	2639	<LOD	3864	<LOD	12	<LOD	8	12	1	<LOD	34	20	2	5	1	742573	462	
148780033	148740028	soil < 250 µm	30	<LOD	42	296	10	<LOD	1657	<LOD	1839	<LOD	2546	<LOD	3719	<LOD	12	<LOD	8	8	1	<LOD	33	12	2	<LOD	7	776609	456	
148780034	148740061	soil < 250 µm	30	25	8	272	10	<LOD	1688	<LOD	1878	<LOD	2618	<LOD	3837	<LOD	12	<LOD	8	11	1	<LOD	33	13	2	<LOD	7	778429	457	
148780035	148740077	soil < 250 µm	30	<LOD	42	285	10	<LOD	1713	<LOD	1906	<LOD	2666	144	45	<LOD	12	<LOD	8	11	1	<LOD	32	11	2	<LOD	7	776584	454	
148780036	148740102	soil < 250 µm	30	<LOD	42	258	9	<LOD	1695	<LOD	1862	<LOD	2598	<LOD	3782	<LOD	11	<LOD	8	11	1	<LOD	33	12	2	<LOD	7	810225	443	
148780037	148740048	soil < 250 µm	30	<LOD	42	311	10	<LOD	1657	<LOD	1840	<LOD	2554	<LOD	3752	<LOD	12	<LOD	8	11	1	<LOD	33	10	2	4	1	778493	454	
148780038	148740019	soil < 250 µm	31	<LOD	43	272	9	<LOD	1801	<LOD	1984	<LOD	2752	<LOD	4001	<LOD	12	<LOD	9	12	1	<LOD	34	17	2	<LOD	7	780065	463	
148780039	148740092	soil < 250 µm	30	<LOD	42	310	10	<LOD	1713	<LOD	1885	<LOD	2618	189	43	<LOD	12	<LOD	8	13	1	<LOD	33	10	2	<LOD	7	776488	454	
148780040	148740082	soil < 250 µm	6	<LOD	44	306	11	<LOD	1731	<LOD	1902	<LOD	2643	<LOD	3855	<LOD	12	<LOD	9	18	1	<LOD	34	16	2	<LOD	7	762292	464	
148780041	Standard	Blanc quartz < 90 µm 2020	30	<LOD	42	<LOD	847	<LOD	1574	63	19	<LOD	2390	<LOD	3472	<LOD	11	<LOD	8	<LOD	4	<LOD	31	12	2	3	1	699977	473	
148780042	148740075	soil < 250 µm	5	<LOD	43	261	10	<LOD	1660	60	19	<LOD	2559	<LOD	3738	<LOD	12	<LOD	8	10	1	<LOD	33	12	2	3	1	776241	461	
148780043	148740110	soil < 250 µm	31	<LOD	43	343	10	<LOD	1696	<LOD	1866	<LOD	2572	<LOD	3792	<LOD	12	<LOD	8	12	1	<LOD	34	16	2	<LOD	7	763509	449	
148780044	148740128	soil < 250 µm	29	<LOD	41	288	10	<LOD	1682	<LOD	1864	<LOD	2595	<LOD	3797	<LOD	12	<LOD	8	12	1	<LOD	32	16	2	4	1	788536	442	
148780045	148740135	soil < 250 µm	30	<LOD	42	319	10	<LOD	1660	<LOD	1842	<LOD	2563	<LOD	3774	<LOD	12	<LOD	8	10	1	<LOD	33	12	2	<LOD	7	766755	461	
148780046	148740097	soil < 250 µm	5	<LOD	43	288	10	<LOD	1697	<LOD	1865	<LOD	2598	<LOD	3818	<LOD	12	<LOD	8	10	1	<LOD	33	14	2	<LOD	7	781960	1029	
148780047	148740076	soil < 250 µm	30	<LOD	42	283	10	<LOD	1701	<LOD	1881	<LOD	2624	<LOD	3840	<LOD	12	<LOD	8	10	1	<LOD	33	10	2	4	1	780309	457	
148780048	148740064	soil < 250 µm	28	<LOD	40	278	10	<LOD	1695	<LOD	1867	<LOD	2598	215	44	<LOD	11	<LOD	8	13	1	<LOD	31	12	2	<LOD	7	798366	425	
148780049	148740033	soil < 250 µm	29	<LOD	40	266	10	<LOD	1731	<LOD	1913	<LOD	2657	<LOD	3877	<LOD	11	<LOD	8	13	1	<LOD	32	16	2	<LOD	7	792634	435	
148780050	148740003	soil < 250 µm	32	<LOD	44	318	10	<LOD	1722	66	19	<LOD	2656	<LOD	3904	<LOD	12	<LOD	9	11	1	<LOD	35	18	2	<LOD	8	771411	462	
148780051	Standard	MRIHB20-2	27	<LOD	38	276	11	62	19	<LOD	1904	<LOD	2649	<LOD	3861	<LOD	11	<LOD	8	10	1	<LOD	30	9	2	<LOD	6	776533	433	
148780052	148740124	soil < 250 µm	6	<LOD	44	323	10	<LOD	1819	<LOD	2004	<LOD	2784	<LOD	4056	<LOD	13	<LOD	9	12	1	<LOD	35	23	2	5	1	753885	470	
148780053	148740013	soil < 250 µm	25	<LOD	35	259	11	<LOD	1883	<LOD	2086	<LOD	2914	<LOD	4267	<LOD	10	<LOD	7	12	1	<LOD	27	10	2	4	1	803434	400	
148780054	148740134	soil < 250 µm	30	<LOD	42	288	10	<LOD	1722	<LOD	1912	<LOD	2661	<LOD	3871	<LOD	12	<LOD	8	11	1	<LOD	33	17	2	<LOD	7	786260	459	
148780055	148740036	soil < 250 µm	5	<LOD	42	308	11	<LOD	1765	<LOD	1948	<LOD	2708	<LOD	3969	<LOD	12	<LOD	9	11	1	<LOD	34	17	2	4	1	761878	458	
148780056	148740065	soil < 250 µm	31	<LOD	43	257	9	<LOD	1771	<LOD	1951	<LOD	2716	<LOD	3958	<LOD	12	<LOD	9	11	1	<LOD	34	16	2	4	1	800240	455	
148780057	148740126	soil < 250 µm	28	<LOD	40	238	10	<LOD	1758	<LOD	1936	<LOD	2681	<LOD	3931	<LOD	12	<LOD	8	12	1	<LOD	32	14	2	<LOD	7	795511	429	
148780058	148740042	soil < 250 µm	30	<LOD	42	331	10	<LOD	1618	<LOD	1784	<LOD	2477	<LOD	3622	<LOD	12	<LOD	8	11	1	<LOD	33	15	2	<LOD	7	755329	448	
148780059	148740062	soil < 250 µm	30	<LOD	42	288	10	<LOD	1673	<LOD	1845	<LOD	2574	<LOD	3771	<LOD	12	<LOD	8	11	1	<LOD	32	11	2	5	1	773679	447	
148780060	148740132	soil < 250 µm	31	<LOD	43	293	10	65	17	<LOD	1842	<LOD	2568	<LOD	3749	<LOD	12	<LOD	8	9	1	<LOD	33	12	2	<LOD	7	766374	464	
148780061	Standard	Blanc quartz < 90 µm 2020	30	<LOD	41	<LOD	856	<LOD	1590	72	19	81	27	132	42	<LOD	11	<LOD	7	<LOD	4	<LOD	31	9	2	4	1	709054	473	
148780062	148740050	soil < 250 µm	30	<LOD	42	274	10	<LOD	1685	<LOD	1859	<LOD	2598	<LOD	3811	<LOD	12	<LOD	8	12	1	<LOD	33	15	2	<LOD	7	788683	450	
148780063	148740068	soil < 250 µm	6	<LOD	44	299	10	<LOD	1758	<LOD	1941	<LOD	2706	<LOD	3958	<LOD	13	<LOD	9	14	1	<LOD	35	17	2	6	1	782424	463	
148780064	148740017	soil < 250 µm	30	<LOD	42	292	10	<LOD	1694	83	19	<LOD	2611	<LOD	3845	<LOD	11	<LOD	8	10	1	<LOD	33	14	2	4	1	780500	453	
148780065	148740084	soil < 250 µm	31	<LOD	43	238	9	<LOD	1774	<LOD	1952	<LOD	2704	<LOD	3967	<LOD	12	<LOD	9	11	1	<LOD	34	16	2	4	1	810005	442	
148780066	148740107	soil < 250 µm	31	<LOD	43	316	10	<LOD	1626	<LOD	1800	<LOD	2509	<LOD	3678	<LOD	12	<LOD	8	10	1	<LOD	33	9	2	<LOD	7	758708	453	
148780067	148740086	soil < 250 µm	5	31	8	302	10	58	18	71	20	105	29	<LOD	3863	<LOD	12	<LOD	8	11	1	<LOD	33	18	2	<LOD	7	776800	442	
148780068	148740044	soil < 250 µm	29	<LOD	41	273	10	<LOD	1695	<LOD	1882	90	29	<LOD	3833	<LOD	11	<LOD	8	12	1	<LOD	32	12	2	<LOD	7	784215	435	
148780069	148740127	soil < 250 µm	31	<LOD	43	309	10	<LOD	1743	63	20	<LOD	2662	182	45	<LOD	12	<LOD	9	12	1	<LOD	34	18	2	<LOD	7	757915	464	
148780070	148740053	soil < 250 µm	31	<LOD	43	311	10	<LOD	1749	<LOD	1938	<LOD	2694	<LOD	3957	<LOD	12	<LOD	9	13	1	<LOD	34	16	2	3	1	778802	454	
Blank	Blank Vanta	Blank Vanta	30	<LOD	42	<LOD	781	<LOD	1466	<LOD	1632	<LOD	2279	<LOD	3328	<LOD	11	<LOD	8	<LOD	4	<LOD	30	7	2	<LOD	6	501696	473	
148780071	Standard	MRIHB20-2	5	28	8	271	11	<LOD	1725	<LOD	1903	<LOD	2625	<LOD	3842	<LOD	11	<LOD	8	10	1	<LOD	30	14	2	3	1	771762	449	
148780072	148740034	soil < 250 µm	5	<LOD	42	317	10	73	17	<LOD	1951	<LOD	2724	<LOD	3959	<LOD	12	<LOD	8	13	1	<LOD	33	14	2	<LOD	7	776653	460	
148780073	148740018	soil < 250 µm	30	<LOD	41	281	10	<LOD	1749	<LOD	1922	<LOD	2689	<LOD	3917	<LOD	12	<LOD	8	12	1	<LOD	33	17	2	<LOD	7	783097	458	
148780074	148740098	soil < 250 µm	30	<LOD	42	312	10	53	18	69	20	<LOD	2572	<LOD	3755	<LOD	12	<LOD	8	12	1	<LOD	33	14	2	<LOD	7	765244	464	
148780075	148740008	soil < 250 µm	5	<LOD	42	292	10	<LOD	1691	<LOD	1875	<LOD	2607	<LOD	3829	<LOD	12	<LOD	8	10	1	<LOD	33	13	2	3	1	780096	457	

Sample Échantillon	Field number Numéro terrain	Content Contient	Date Date	Element/Élément Unit/Unité Duration (sec) Durée (sec)	# Analyse/ Analysis #	Mg ppm	Mg Error1s ppm	Al ppm	Al Error1s ppm	Si ppm	Si Error1s ppm	P ppm	P Error1s ppm	S ppm	S Error1s ppm	K ppm	K Error1s ppm	Ca ppm	Ca Error1s ppm	Ti ppm	Ti Error1s ppm	V ppm	V Error1s ppm	Cr ppm	Cr Error1s ppm	Mn ppm	Mn Error1s ppm	Fe ppm	Fe Error1s ppm
148780076	148740118	soil < 250 µm	2022-02-07	90	8	<LOD	6504	27368	303	173187	411	2838	33	<LOD	304	12034	46	16584	51	2454	81	<LOD	98	60	11	319	11	21760	70
148780077	148740040	soil < 250 µm	2022-02-07	90	9	<LOD	8237	33092	328	157250	392	2988	34	<LOD	388	8998	39	11340	39	1599	76	<LOD	90	55	11	181	10	14451	52
148780078	148740007	soil < 250 µm	2022-02-07	90	12	<LOD	8305	23189	302	173329	421	2933	35	<LOD	366	12324	49	10312	38	2531	85	<LOD	98	<LOD	46	220	10	12487	49
148780079	148740147	soil < 250 µm	2022-02-07	90	13	<LOD	8997	31947	341	147608	400	2870	35	152	28	9574	43	9372	37	2130	82	<LOD	95	44	11	166	10	15012	57
148780080	148740004	soil < 250 µm	2022-02-07	90	14	<LOD	9690	30947	326	98717	321	2624	31	297	24	6975	35	10145	37	3843	77	68	20	210	11	1304	17	41947	124
148780081	Standard	Blanc quartz < 90 µm 2020	2022-02-07	90	15	<LOD	6326	1226	156	282689	480	2849	34	<LOD	266	<LOD	358	1256	16	510	70	<LOD	70	<LOD	40	84	9	747	11
148780082	148740095	soil < 250 µm	2022-02-07	90	16	<LOD	8929	37821	356	135479	381	3246	36	848	29	8979	41	10971	40	2232	81	<LOD	98	47	11	275	11	19731	68
148780083	148740055	soil < 250 µm	2022-02-07	90	17	<LOD	7808	32179	328	154656	398	2828	33	82	27	10743	44	10128	37	3180	85	<LOD	101	40	11	182	10	17697	62
148780084	148740079	soil < 250 µm	2022-02-07	90	18	<LOD	7776	32725	331	154993	400	2958	34	<LOD	405	10735	45	11750	41	2030	81	<LOD	95	51	11	202	10	15859	58
148780085	148740143	soil < 250 µm	2022-02-07	90	19	<LOD	9731	30972	330	144095	395	2687	33	<LOD	452	9436	42	9150	36	3395	84	77	22	35	11	286	11	23701	79
148780086	148740136	soil < 250 µm	2022-02-07	90	20	<LOD	7091	21666	293	173012	421	2598	34	<LOD	364	11220	46	18715	57	1424	81	<LOD	91	<LOD	46	185	10	9868	43
148780087	148740038	soil < 250 µm	2022-02-07	90	21	<LOD	7717	29344	314	147080	388	2788	32	<LOD	416	10502	44	9797	37	3312	82	<LOD	101	45	10	236	10	24988	80
148780088	148740096	soil < 250 µm	2022-02-07	90	22	<LOD	9200	37222	342	144321	380	2954	34	<LOD	433	9793	42	10709	38	1723	78	<LOD	91	34	11	205	10	13980	52
148780089	148740120	soil < 250 µm	2022-02-07	90	23	<LOD	6276	23590	292	161536	402	2485	32	<LOD	327	12073	47	28566	79	2245	84	<LOD	97	39	11	233	11	13620	53
148780090	148740051	soil < 250 µm	2022-02-07	90	24	<LOD	10308	29868	322	140806	381	2855	34	<LOD	471	7548	37	9719	36	2021	78	<LOD	91	<LOD	47	155	9	14197	53
148780091	Standard	MRIHB20-2	2022-02-07	90	25	<LOD	8797	34224	323	124095	353	2758	31	97	24	6892	34	7407	30	2721	73	69	19	40	10	220	9	33202	98
148780092	148740073	soil < 250 µm	2022-02-07	90	26	<LOD	9904	33001	332	134550	372	2816	33	476	27	9281	41	9864	37	2221	78	<LOD	93	41	10	199	10	19677	67
148780093	148740026	soil < 250 µm	2022-02-07	90	27	<LOD	11283	39865	365	119460	359	2563	32	204	28	8157	40	9379	37	1998	78	77	21	60	11	182	10	17858	64
148780094	148740105	soil < 250 µm	2022-02-07	90	28	<LOD	7397	22945	294	156951	401	2477	32	<LOD	396	11251	46	15580	50	2571	85	<LOD	98	73	11	238	11	15076	56
148780095	148740088	soil < 250 µm	2022-02-07	90	29	<LOD	9158	26667	310	160075	408	2603	33	<LOD	403	10887	45	9326	36	2585	84	<LOD	95	73	11	181	10	13572	52
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148780097	148740080	soil < 250 µm	2022-02-07	90	31	<LOD	10437	32400	337	142280	389	3242	36	<LOD	470	10154	45	9748	38	1616	78	<LOD	90	43	11	164	10	13284	52
148780098	148740072	soil < 250 µm	2022-02-07	90	32	<LOD	7387	31041	319	165105	409	3079	35	<LOD	399	9275	42	11137	40	1351	77	<LOD	90	<LOD	48	202	10	13285	51
148780099	148740054	soil < 250 µm	2022-02-07	90	33	<LOD	8351	36992	342	138780	377	3213	35	324	28	9172	41	8849	35	2588	81	<LOD	99	40	11	213	10	16749	60
148780100	148740087	soil < 250 µm	2022-02-07	90	34	<LOD	8958	20594	283	127098	363	2833	32	<LOD	498	8653	39	7210	30	4793	86	142	22	<LOD	50	184	9	26034	83
148780101	Standard	Blanc quartz < 90 µm 2020	2022-02-07	90	35	<LOD	5948	1251	148	287478	474	2842	33	<LOD	256	<LOD	341	1139	16	566	70	<LOD	69	<LOD	38	92	9	762	11
148780102	148740117	soil < 250 µm	2022-02-07	90	36	<LOD	6584	27071	296	174241	411	2450	31	<LOD	343	10377	43	11430	40	3160	85	<LOD	98	38	11	165	10	14304	53
148780103	148740016	soil < 250 µm	2022-02-07	90	37	<LOD	9328	33845	341	122187	362	2614	32	774	29	9032	41	9184	36	2581	79	<LOD	98	42	11	191	10	22305	75
148780104	148740025	soil < 250 µm	2022-02-07	90	38	<LOD	6391	27209	298	169392	407	2672	32	<LOD	347	11566	46	15064	48	2673	83	<LOD	98	72	11	244	11	16538	59
148780105	148740145	soil < 250 µm	2022-02-07	90	39	<LOD	8221	41338	348	125046	353	3069	33	200	26	8431	38	8922	34	2676	78	66	21	37	10	209	9	23190	75
148780106	148740090	soil < 250 µm	2022-02-07	90	40	<LOD	8156	29941	327	153251	405	2638	34	<LOD	434	10000	44	11668	42	1901	82	<LOD	92	<LOD	49	180	11	12384	50
148780107	148740144	soil < 250 µm	2022-02-07	90	41	<LOD	8139	29879	315	144271	386	3175	34	<LOD	446	8299	39	8639	34	3394	83	<LOD	102	<LOD	49	185	10	21776	72
148780108	148740024	soil < 250 µm	2022-02-07	90	42	<LOD	7980	25672	299	170220	417	2580	32	<LOD	352	12148	48	14922	49	2660	84	74	23	57	11	262	11	18073	64
148780109	148740091	soil < 250 µm	2022-02-07	90	43	<LOD	9103	36056	336	150310	389	3511	36	321	27	10178	43	9859	37	1504	78	<LOD	90	<LOD	47	149	10	12352	48
148780110	148740069	soil < 250 µm	2022-02-07	90	44	<LOD	7660	29508	316	159671	402	3229	35	<LOD	415	10647	45	10601	39	1422	79	<LOD	89	<LOD	47	171	10	11971	48
148780111	Standard	MRIHB20-2	2022-02-07	90	45	<LOD	9517	33104	324	113611	341	2763	31	93	24	6753	34	7210	30	2674	73	58	19	53	10	221	10	33193	100
148780112	148740031	soil < 250 µm	2022-02-07	90	46	<LOD	7066	27363	308	161460	402	3088	34	<LOD	377	13017	50	11329	41	2786	86	78	23	<LOD	48	176	10	11413	46
148780113	148740122	soil < 250 µm	2022-02-07	90	47	<LOD	6603	25446	295	170205	411	2694	32	<LOD	353	11764	47	13246	44	3147	87	71	24	43	11	190	10	12981	50
148780114	148740059	soil < 250 µm	2022-02-07	90	48	<LOD	8132	34464	339	145509	398	3071	35	<LOD	428	8731	41	11541	42	2458	84	<LOD	100	48	11	299	11	19133	68
148780115	148740112	soil < 250 µm	2022-02-07	90	49	<LOD	7260	23466	293	149935	393	2672	33	216	27	9857	43	18116	56	2689	85	<LOD	100	72	11	316	11	16484	60
148780116	148740081	soil < 250 µm	2022-02-07	90	50	<LOD	10916	34513	338	128688	365	2746	33	<LOD	500	8799	40	8436	34	2002	77	66	21	<LOD	48	122	9	16929	61
148780117	148740001	soil < 250 µm	2022-02-07	90	51	<LOD	7786	31228	320	150360	389	2963	34	<LOD	421	10044	43	9981	37	1808	78	<LOD	91	<LOD	47	270	11	13608	52
148780118	148740058	soil < 250 µm	2022-02-07	90	52	<LOD	9087	31518	337	141410	393	2568	33	<LOD	489	9005	42	8813	36	1887	80	<LOD	96	33	11	136	10	14101	55
148780119	148740115	soil < 250 µm	2022-02-07	90	53	<LOD	7290	24985	305	152965	405	2508	32	<LOD	390	12724	50	15990	53	2611	83	82	23	71	11	465	13	21626	74
148780120	148740022	soil < 250 µm	2022-02-07	90	54	<LOD	8688	36443	335	121235	350	2819	32	894	28	8454	39	8220	33	2562	77	<LOD	98	43	10	151	9	23648	76
148780121	Standard	Blanc quartz < 90 µm 2020	2022-02-07	90	56	<LOD	6085	1294	148	285577	474	2884	34	<LOD	259	<LOD	345	1239	16	555	68	<LOD	69	<LOD	39	101	9	850	11
148780122	148740056	soil < 250 µm	2022-02-07	90	57	<LOD	7134	30139	302	186276	413	2932	33	<LOD	332	10943	43	9931	36	2619	82	<LOD	93	<LOD	45	139	9	11128	44
148780123	148740002	soil < 250 µm	2022-02-07	90	58	4636	1203	34076	339	79977	320	3171	33	431	24	5862	33	6721	31	1848	66	57	17	41	9	318	10	33991	121
148780124	148740108	soil < 250 µm	2022-02-07	90	59	<LOD	6523	24901	289	173500	405	2884	33	<LOD	361	10937	44	14669	46	1857	78	<LOD	87	37	11	215	10	11227	45
148780125	148740011	soil < 250 µm	2022-02-07	90	60	<LOD	8337	37352	346	139553	379	3180	35	493	28	9688	42	9634	36	2497	80	<LOD	94	46	11	158	10	16099	58
148780126	148740047	soil < 250 µm	2022-02-07	90	61	<LOD	7160	35290	320	138375	368	3074	32	<LOD	396	9061	39	10903	38	4111	82	113	22	107	11	366	11	32368	96
148780127	148740104	soil < 250 µm	2022-02-07	90	62	3610	1058	26344	294	154586	453	2945	33	203	26	10412	45	14313	51	1985	76	<LOD	89	31	10	357	11	14278	57
148780128	148740066	soil < 250 µm	2022-02-07	90	63	<LOD	7950	31943	324	149717	389	2979	34	<LOD	421	10041	43	9383	36	1904	78	<LOD	90	<LOD	47	129	10	13672	52
148780129	148740093	soil < 250 µm	2022-02-07	90	64	<LOD	6672	33605	317	158686	388	3278	34	80	25	11518	45	11465	39	2227	76	<LOD	92	70	11	220	10	17736	60
148780130	148740078	soil < 250 µm	2022-02-07	90	65	<LOD	8109	32109	315	159316	391	3276	34	<LOD	381	11495	45	11248	39	2167	80	<LOD	93	31	10	223	10	14769	54
148780131	Standard	MRIHB20-2	2022-02-07	90	66	<LOD	8311	37319	321	114017	326	3051	31	188	23	6509	32	7142	28	2678	70	87	19	56	9	194	9	33348	96
148780132	148740099	soil < 250 µm	2022-02-07	90	67	<LOD	8389	31020	312	158238	392	3067	33	<LOD	396	10383	43	10356	37	2309	79	<LOD	93	51	11	198	10	15464	55
148780133	148740045	soil < 250 µm	2022-02-07	90	68	<LOD	8603	29513	306	150738	381	3376	34	<LOD	404	10378	42	9469	35	2503	77	<LOD	91	<LOD	46	254	10	17162	59
148780134	148740139	soil < 250 µm	2022-02-07	90	69	<LOD	7412	31020	316	152245	393	3313	35	<LOD	404	9080	41	10100	37	3130	83	<LOD	101	74	11	307	11	19955	67
148780135	148740015	soil < 250 µm	2022-02-07	90	70	<LOD	7778	24436	285	168321	401	2749	32	<LOD	360	11259	44	10304	37	2670	80	75	22	<LOD	47	209	10	17884	61
148780136	148740131	soil < 250 µm	2022-02-07	90	71	<LOD	7637	42817	342	123483	342	3197	32	1115	27	8232	37	8736	32	3044	76	<LOD	97	56	10	312	10	25998	79
148780137	148740023	soil < 250 µm	2022-02-07	90	72	<LOD	8892	40742	350	116721	339	3286	34	1310	29	8597	39	7831	31	2008	75	<LOD	91	<LOD	46	168	9	18639	63
148780138	148740116	soil < 250 µm	2022-02-07	90	73	<LOD	5994	27181	292	174937	407	2742	32	<LOD	316	12214	46	16049	49	2761	83	82	22	55	11	278	11	15992	57
148780139	148740063	soil < 250 µm	2022-02-07	90	74	<LOD	8065	41030	347	139528	370	3445	35	<LOD	444	7498	36	8206	32	1645	75	<LOD	89	<LOD	43	208	10	13934	52
148780140	148740021	soil < 250 µm	2022-02-07	90	75	<LOD	7091	22974	287	138262	365	2368	30	1973	31	11511	45	20501	60	1989	79	<LOD	91	35	11	205	10	12830	49
148780141	Standard	Blanc quartz < 90 µm 2020	2022-02-07	90	76	<LOD	4598	1706	146	290153	464	2995	33	<LOD	241	<LOD	321	1236	15	594	68	<LOD	70	<LOD	38	100	8	816	11
148780142	148740049	soil < 250 µm	2022-02-07	90	77	<LOD	7440	35177	324	142504	372	3254	34	244	26	9892	41	9622	35	2651	79	<LOD	96	51	10	201	10	19114	64
148780143	148740138	soil < 250 µm	2022-02-07	90	78	<LOD	6912	34764	321	152110	382	3486	35	<LOD	390	9942	41	11870	40	2053	77	<LOD	92	49	10	351	11	15756	56
148780144	148740052	soil < 250 µm	2022-02-07	90	79	<LOD	8423	18416	257	119471	346	3182	31	<LOD	470	7356	34	6677	28	3660	72	114	19	41	9	303	10	48806	136
148780145	148740146	soil < 250 µm	2022-02-07	90	80	<LOD	8702	39016	350	133038	370	3111	34	313	28	8071	39	8895	35	2066	79	<LOD	94	<LOD	46	228	10	14319	54
148780146	148740012	soil < 250 µm	2022-02-07	90	81	<LOD	7343	34827	326	158020	391	3191	34	<LOD	412	9688	42	9556	36	1120	76	<LOD	87	46	11	144	9	10703	43
148780147	148740114	soil < 250 µm	2022-02-07	90	82	<LOD	6769	25734	288	142045	363	2798	31	1939	30	10555	42	16981	51	2444	78	<LOD	95	57	10	345	11	17325	59
148780148	148740106	soil < 250 µm	2022-02-07	90	83	<LOD	6918	20516	265	123461	331	2675	30	1372	27	9884	39	22779	63	1944	74	<LOD	88	67	10	225	9	15078	53
148780149	148740125	soil < 250 µm	2022-02-07	90	84	<LOD	6239	26076	297	175420	422	2704	33	<LOD	322	13261	50	17535	55	2648	84	77	23	57	11	293	11	18677	65
148780150	148740043	soil < 250 µm	2022-02-07	90	85	<LOD	10136	46241	368	95990	307	3173	33	478	26	6736	34	7092	29	1782	71	<LOD	91	30	10	187	9	20627	68
148780151	Standard	MRIHB20-2	2022-02-07	90	86	<LOD	10756	35751	318	104298	313	3096	31	151	23	6016	31	6658	27	2862	70	92	18	35	9	221	9	33621	97
148780152	148740140	soil < 250 µm	2022-02-07	90	87	<LOD	5935	25145	282	188557	418	2952	33	<LOD	324	11175	44	10205	36	2668	84	<LOD	94	<LOD	45	187	10	11388	45

Sample Échantillon	Field number Numéro terrain	Content Contient	Co ppm	Co Error1s ppm	Ni ppm	Ni Error1s ppm	Cu ppm	Cu Error1s ppm	Zn ppm	Zn Error1s ppm	As ppm	As Error1s ppm	Se ppm	Se Error1s ppm	Rb ppm	Rb Error1s ppm	Sr ppm	Sr Error1s ppm	Y ppm	Y Error1s ppm	Zr ppm	Zr Error1s ppm	Nb ppm	Nb Error1s ppm	Mo ppm	Mo Error1s ppm	Ag ppm	Ag Error1s ppm	Cd ppm	Cd Error1s ppm	Sn ppm
148780076	148740118	soil < 250 µm	48	14	35	2	17	2	34	2	<LOD	4	<LOD	2	52	1	335	2	13	1	220	1	3	1	4	1	<LOD	66	<LOD	22	<LOD
148780077	148740040	soil < 250 µm	<LOD	58	22	2	<LOD	9	21	2	<LOD	4	<LOD	2	47	1	315	2	8	1	107	1	<LOD	5	<LOD	6	<LOD	64	<LOD	22	<LOD
148780078	148740007	soil < 250 µm	<LOD	55	10	2	<LOD	9	17	2	<LOD	4	<LOD	2	58	1	301	2	3	1	108	1	<LOD	5	5	1	<LOD	68	<LOD	23	<LOD
148780079	148740147	soil < 250 µm	<LOD	62	21	2	7	2	22	2	<LOD	4	<LOD	3	48	1	299	2	3	1	102	1	<LOD	5	5	1	<LOD	68	<LOD	24	<LOD
148780080	148740004	soil < 250 µm	<LOD	101	52	3	13	2	34	2	3	1	<LOD	2	41	1	273	2	8	1	105	1	<LOD	4	<LOD	6	<LOD	72	<LOD	20	19
148780081	Standard	Blanc quartz < 90 µm 2020	<LOD	18	<LOD	8	7	2	6	1	<LOD	3	<LOD	2	1	0	<LOD	3	12	1	70	1	<LOD	5	<LOD	6	<LOD	63	<LOD	23	<LOD
148780082	148740095	soil < 250 µm	<LOD	71	36	2	18	2	32	2	<LOD	4	<LOD	3	48	1	307	2	4	1	84	1	<LOD	5	<LOD	6	<LOD	67	<LOD	23	<LOD
148780083	148740055	soil < 250 µm	<LOD	66	19	2	<LOD	10	35	2	<LOD	4	<LOD	2	51	1	295	2	6	1	224	1	4	1	5	1	<LOD	66	<LOD	23	<LOD
148780084	148740079	soil < 250 µm	<LOD	63	22	2	<LOD	10	22	2	<LOD	4	<LOD	3	52	1	329	2	4	1	160	1	<LOD	5	4	1	<LOD	65	<LOD	23	<LOD
148780085	148740143	soil < 250 µm	<LOD	78	21	2	9	2	48	2	<LOD	4	<LOD	3	45	1	267	2	5	1	271	2	4	1	7	1	<LOD	74	<LOD	23	<LOD
148780086	148740136	soil < 250 µm	<LOD	51	14	2	12	2	18	2	<LOD	4	<LOD	3	53	1	333	2	6	1	107	1	<LOD	5	<LOD	7	<LOD	66	<LOD	24	<LOD
148780087	148740038	soil < 250 µm	<LOD	78	17	2	11	2	32	2	<LOD	4	<LOD	2	51	1	280	2	7	1	241	2	<LOD	5	5	1	<LOD	71	<LOD	22	<LOD
148780088	148740096	soil < 250 µm	<LOD	58	21	2	8	2	25	2	<LOD	4	<LOD	2	50	1	306	2	3	1	83	1	<LOD	5	4	1	<LOD	65	<LOD	23	<LOD
148780089	148740120	soil < 250 µm	<LOD	59	19	2	25	2	25	2	<LOD	4	<LOD	3	51	1	339	2	8	1	228	2	<LOD	5	<LOD	7	<LOD	67	<LOD	24	<LOD
148780090	148740051	soil < 250 µm	<LOD	58	15	2	6	2	18	1	<LOD	4	<LOD	2	44	1	295	2	3	1	61	1	<LOD	5	<LOD	6	<LOD	66	<LOD	23	<LOD
148780091	Standard	MRIHB20-2	<LOD	89	23	2	14	2	38	2	3	1	<LOD	2	40	1	227	1	7	1	169	1	3	1	<LOD	6	<LOD	72	<LOD	21	<LOD
148780092	148740073	soil < 250 µm	<LOD	69	23	2	14	2	29	2	3	1	<LOD	2	48	1	300	2	7	1	136	1	<LOD	5	<LOD	6	<LOD	70	<LOD	22	<LOD
148780093	148740026	soil < 250 µm	<LOD	67	22	2	10	2	23	2	2	1	<LOD	3	44	1	278	2	6	1	129	1	<LOD	5	<LOD	7	<LOD	68	<LOD	23	<LOD
148780094	148740105	soil < 250 µm	<LOD	61	23	2	12	2	25	2	<LOD	4	<LOD	2	50	1	332	2	8	1	175	1	<LOD	5	5	1	<LOD	67	<LOD	23	<LOD
148780095	148740088	soil < 250 µm	<LOD	58	9	2	<LOD	9	18	2	2	1	<LOD	3	50	1	287	2	6	1	189	1	<LOD	5	<LOD	7	<LOD	66	<LOD	23	<LOD
148780096	148740005	soil < 250 µm	<LOD	95	22	2	15	2	31	2	3	1	<LOD	2	43	1	241	1	8	1	194	1	<LOD	4	<LOD	6	<LOD	80	<LOD	21	<LOD
148780097	148740080	soil < 250 µm	<LOD	59	16	2	6	2	23	2	<LOD	4	<LOD	3	55	1	313	2	3	1	87	1	<LOD	5	4	1	<LOD	68	<LOD	24	<LOD
148780098	148740072	soil < 250 µm	<LOD	58	25	2	12	2	17	2	<LOD	4	<LOD	2	49	1	325	2	6	1	49	1	<LOD	5	4	1	<LOD	65	<LOD	23	<LOD
148780099	148740054	soil < 250 µm	<LOD	64	19	2	9	2	34	2	<LOD	4	<LOD	2	48	1	286	2	6	1	131	1	<LOD	5	<LOD	6	<LOD	68	<LOD	23	<LOD
148780100	148740087	soil < 250 µm	<LOD	79	10	2	12	2	28	2	3	1	<LOD	2	54	1	266	1	3	1	134	1	<LOD	5	4	1	<LOD	73	<LOD	22	<LOD
148780101	Standard	Blanc quartz < 90 µm 2020	<LOD	18	<LOD	8	<LOD	8	5	1	<LOD	3	<LOD	2	2	0	<LOD	3	10	1	78	1	<LOD	5	3	1	<LOD	64	<LOD	22	<LOD
148780102	148740117	soil < 250 µm	<LOD	59	16	2	8	2	20	2	<LOD	4	<LOD	2	46	1	281	1	6	1	200	1	<LOD	5	<LOD	6	<LOD	62	<LOD	23	<LOD
148780103	148740016	soil < 250 µm	<LOD	76	14	2	7	2	22	2	<LOD	4	<LOD	3	47	1	279	2	7	1	165	1	<LOD	5	5	1	<LOD	73	<LOD	23	<LOD
148780104	148740025	soil < 250 µm	<LOD	64	24	2	9	2	25	2	<LOD	4	<LOD	3	48	1	324	2	8	1	182	1	<LOD	5	<LOD	6	<LOD	62	<LOD	23	<LOD
148780105	148740145	soil < 250 µm	<LOD	74	24	2	13	2	30	2	3	1	<LOD	2	46	1	273	1	5	1	139	1	<LOD	5	4	1	<LOD	66	<LOD	22	<LOD
148780106	148740090	soil < 250 µm	<LOD	57	16	2	<LOD	10	15	2	3	1	<LOD	3	51	1	325	2	8	1	92	1	<LOD	5	4	1	<LOD	66	<LOD	24	21
148780107	148740144	soil < 250 µm	<LOD	73	16	2	7	2	20	2	3	1	<LOD	2	44	1	273	1	6	1	115	1	<LOD	5	<LOD	6	<LOD	70	<LOD	23	<LOD
148780108	148740024	soil < 250 µm	<LOD	68	27	2	11	2	27	2	<LOD	4	<LOD	3	48	1	315	2	9	1	227	2	4	1	<LOD	7	<LOD	68	13	4	<LOD
148780109	148740091	soil < 250 µm	<LOD	55	20	2	7	2	24	2	<LOD	4	<LOD	2	51	1	310	2	4	1	88	1	<LOD	5	3	1	<LOD	66	<LOD	23	<LOD
148780110	148740069	soil < 250 µm	<LOD	54	20	2	6	2	22	2	<LOD	4	<LOD	2	51	1	320	2	3	1	124	1	<LOD	5	<LOD	7	<LOD	67	<LOD	23	<LOD
148780111	Standard	MRIHB20-2	<LOD	90	20	2	18	2	41	2	3	1	<LOD	2	41	1	228	1	6	1	155	1	<LOD	4	<LOD	6	<LOD	70	<LOD	21	<LOD
148780112	148740031	soil < 250 µm	<LOD	53	16	2	9	2	22	2	<LOD	4	<LOD	3	57	1	310	2	6	1	146	1	<LOD	5	<LOD	7	<LOD	69	<LOD	23	<LOD
148780113	148740122	soil < 250 µm	38	11	18	2	8	2	31	2	<LOD	4	<LOD	2	47	1	300	2	8	1	230	1	<LOD	5	4	1	<LOD	70	<LOD	23	<LOD
148780114	148740059	soil < 250 µm	<LOD	71	31	2	14	2	26	2	<LOD	4	<LOD	3	46	1	323	2	8	1	138	1	<LOD	5	<LOD	7	<LOD	68	<LOD	24	17
148780115	148740112	soil < 250 µm	<LOD	65	23	2	<LOD	10	28	2	<LOD	4	<LOD	3	46	1	335	2	8	1	246	2	<LOD	5	<LOD	7	<LOD	71	<LOD	23	<LOD
148780116	148740081	soil < 250 µm	<LOD	64	18	2	6	2	19	2	<LOD	4	<LOD	3	48	1	291	2	5	1	95	1	<LOD	5	<LOD	6	<LOD	69	<LOD	23	<LOD
148780117	148740001	soil < 250 µm	<LOD	58	19	2	<LOD	10	27	2	<LOD	4	<LOD	3	50	1	310	2	4	1	98	1	<LOD	5	<LOD	6	<LOD	64	<LOD	23	<LOD
148780118	148740058	soil < 250 µm	<LOD	60	15	2	10	2	18	2	<LOD	4	<LOD	3	47	1	293	2	3	1	62	1	<LOD	5	<LOD	7	<LOD	67	<LOD	24	<LOD
148780119	148740115	soil < 250 µm	<LOD	76	38	3	10	2	39	2	<LOD	4	<LOD	3	55	1	312	2	12	1	197	1	4	1	<LOD	7	<LOD	71	<LOD	23	<LOD
148780120	148740022	soil < 250 µm	<LOD	75	15	2	<LOD	9	30	2	<LOD	4	<LOD	2	51	1	277	1	7	1	63	1	<LOD	4	6	1	<LOD	70	<LOD	22	<LOD
148780121	Standard	Blanc quartz < 90 µm 2020	<LOD	18	<LOD	8	<LOD	9	<LOD	6	<LOD	3	<LOD	2	2	0	<LOD	3	10	1	81	1	<LOD	5	<LOD	6	<LOD	66	<LOD	23	<LOD
148780122	148740056	soil < 250 µm	<LOD	50	9	2	7	2	16	1	<LOD	4	<LOD	2	48	1	274	1	3	1	191	1	<LOD	5	<LOD	6	<LOD	65	<LOD	22	<LOD
148780123	148740002	soil < 250 µm	<LOD	89	8	2	14	2	24	2	3	1	<LOD	2	42	1	250	2	5	1	117	1	<LOD	4	5	1	<LOD	74	<LOD	20	<LOD
148780124	148740108	soil < 250 µm	33	11	19	2	<LOD	9	23	2	<LOD	4	<LOD	2	49	1	336	2	6	1	103	1	<LOD	5	<LOD	6	<LOD	66	<LOD	23	<LOD
148780125	148740011	soil < 250 µm	<LOD	63	24	2	13	2	26	2	<LOD	4	<LOD	3	49	1	290	2	4	1	106	1	<LOD	5	<LOD	6	<LOD	65	<LOD	23	<LOD
148780126	148740047	soil < 250 µm	50	16	48	3	36	2	49	2	3	1	<LOD	2	42	1	266	1	11	1	300	2	<LOD	4	5	1	<LOD	68	<LOD	21	20
148780127	148740104	soil < 250 µm	<LOD	56	22	2	12	2	32	2	<LOD	4	<LOD	2	48	1	301	2	6	1	140	1	<LOD	4	<LOD	6	<LOD	64	<LOD	22	17
148780128	148740066	soil < 250 µm	<LOD	57	21	2	<LOD	9	17	2	<LOD	4	<LOD	3	49	1	310	2	4	1	80	1	<LOD	5	<LOD	6	<LOD	67	<LOD	23	18
148780129	148740093	soil < 250 µm	<LOD	65	28	2	6	2	28	2	<LOD	4	<LOD	2	49	1	304	2	7	1	150	1	<LOD	5	<LOD	6	<LOD	65	14	4	<LOD
148780130	148740078	soil < 250 µm	<LOD	59	25	2	8	2	35	2	2	1	<LOD	2	53	1	303	2	4	1	150	1	<LOD	5	<LOD	6	<LOD	66	<LOD	22	<LOD
148780131	Standard	MRIHB20-2	64	16	20	2	16	2	40	2	<LOD	3	<LOD	2	38	1	226	1	7	1	167	1	<LOD	4	<LOD	6	<LOD	68	<LOD	20	<LOD
148780132	148740099	soil < 250 µm	<LOD	60	22	2	6	2	23	2	<LOD	4	<LOD	2	49	1	313	2	5	1	124	1	<LOD	5	<LOD	6	<LOD	67	<LOD	22	<LOD
148780133	148740045	soil < 250 µm	<LOD	63	17	2	<LOD	9	27	2	<LOD	4	<LOD	2	52	1	289	1	4	1	159	1	<LOD	5	<LOD	6	<LOD	65	<LOD	22	<LOD
148780134	148740139	soil < 250 µm	<LOD	69	17	2	<LOD	10	26	2	<LOD	4	<LOD	2	47	1	289	2	6	1	128	1	<LOD	5	<LOD	6	<LOD	67	<LOD	22	<LOD
148780135	148740015	soil < 250 µm	<LOD	65	10	2	9	2	22	2	<LOD	4	<LOD	2	54	1	291	2	4	1	162	1	<LOD	5	<LOD	6	<LOD	66	<LOD	22	<LOD
148780136	148740131	soil < 250 µm	<LOD	77	21	2	10	2	50	2	<LOD	4	<LOD	2	43	1	266	1	5	1	201	1	<LOD	4	<LOD	6	<LOD	67	<LOD	21	<LOD
148780137	148740023	soil < 250 µm	<LOD	66	20	2	<LOD	9	23	2	<LOD	4	<LOD	2	53	1	286	1	4	1	68	1	<LOD	4	<LOD	6	<LOD	68	<LOD	22	18
148780138	148740116	soil < 250 µm	48	12	30	2	7	2	28	2	<LOD	4	<LOD	2	48	1	341	2	10	1	220	1	<LOD	5	5	1	<LOD	64	<LOD	22	<LOD
148780139	148740063	soil < 250 µm	<LOD	57	13	2	<LOD	9	18	2	<LOD	4	<LOD	2	43	1	297	2	5	1	50	1	<LOD	5	<LOD	6	<LOD	63	<LOD	22	<LOD
148780140	148740021	soil < 250 µm	<LOD	55	23	2	18	2	30	2	<LOD	4	<LOD	2	51	1	303	2	7	1	121	1	<LOD	5	<LOD	6	<LOD	65	<LOD	23	<LOD
148780141	Standard	Blanc quartz < 90 µm 2020	<LOD	17	<LOD	8	<LOD	8	<LOD	6	<LOD	3	<LOD	2	2	0	<LOD	3	20	1	68	1	<LOD	4	4	1	<LOD	62	<LOD	22	<LOD
148780142	148740049	soil < 250 µm	<LOD	67	30	2	11	2	34	2	<LOD	4	<LOD	2	49	1	293	2	6	1	118	1	<LOD	5	<LOD	6	<LOD	68	<LOD	22	<LOD
148780143	148740138	soil < 250 µm	<LOD	61	27	2	9	2	37	2	<LOD	4	<LOD	2	50	1	309	2	6	1	132	1	<LOD	5	4	1	<LOD	65	<LOD	22	<LOD
148780144	148740052	soil < 250 µm	<LOD	106	15	2	15	2	33	2	5	1	<LOD	2	45	1	221	1	6	1	149	1	<LOD	4	8	1	<LOD	74	<LOD	19	<LOD
148780145	148740146	soil < 250 µm	<LOD	59	10	2	12	2	22	2	<LOD	4	<LOD	2	46	1	293	2	2	1	63	1	<LOD	5	<LOD	6	<LOD	63	<LOD	23	<LOD
148780146	148740012	soil < 250 µm	<LOD	50	21	2	8	2	14	1	<LOD	4	<LOD	2	51	1	312	2	3	1	56	1	<LOD	5	<LOD	6	<LOD	62	<LOD	23	<LOD
148780147	148740114	soil < 250 µm	<LOD	62	26	2	15	2	29	2	<LOD	4	<LOD	2	51	1	306	2	11	1	96	1	<LOD	4	<LOD	6	<LOD	66	<LOD	22	<LOD
148780148	148740106	soil < 250 µm	<LOD	58	19	2	15	2	27	2	<LOD	4	<LOD	2	49	1	300	1	11	1	142	1	<LOD	4	3	1	<LOD	64	<LOD	21	<LOD
148780149	148740125	soil < 250 µm	63	14	42	3	20	2	39	2	2	1	<LOD	3	52	1	331	2	15	1	251	2	<LOD	5	<LOD	7	<LOD	70	<LOD	23	<LOD
148780150	148740043	soil < 250 µm	<LOD	69	17	2	<LOD	9	26	2	<LOD	4	<LOD	2	45	1	269	1	3	1	77	1	<LOD	4	<LOD	6	<LOD	67	<LOD	21	<LOD
148780151	Standard	MRIHB20-2	<LOD	87	21	2	14	2	40	2	2	1	<LOD	2	38	1	229	1	7	1	155	1	<LOD	4	4	1	<LOD	68	<LOD	20	<LOD
148780152	148740140	soil < 250 µm	<LOD	51	8	2	<LOD	9	18	1	<LOD	4	<LOD	2	51	1	288	1	6	1	161	1	<LOD	5	<LOD	6	<LOD	65	<LOD	22	<LOD

Sample Échantillon	Field number Numéro terrain	Content Contient	Sn ppm	Error1s ppm	Sb ppm	Error1s ppm	Ba ppm	Error1s ppm	La ppm	Error1s ppm	Ce ppm	Error1s ppm	Pr ppm	Error1s ppm	Nd ppm	Error1s ppm	W ppm	Error1s ppm	Hg ppm	Error1s ppm	Pb ppm	Error1s ppm	Bi ppm	Error1s ppm	Th ppm	Error1s ppm	U ppm	Error1s ppm	LE ppm	LE Error1s ppm	Comment Commentaire
148780076	148740118	soil < 250 µm	30	<LOD	42	361	11	<LOD	1717	<LOD	1903	<LOD	2665	<LOD	3911	<LOD	12	<LOD	9	12	1	<LOD	33	12	2	<LOD	7	742252	464	
148780077	148740040	soil < 250 µm	30	<LOD	42	315	10	<LOD	1703	<LOD	1881	<LOD	2619	<LOD	3830	<LOD	12	<LOD	8	10	1	<LOD	33	11	2	4	1	769186	462	
148780078	148740007	soil < 250 µm	32	<LOD	44	303	10	<LOD	1712	<LOD	1899	<LOD	2647	<LOD	3877	<LOD	12	<LOD	9	10	1	<LOD	35	20	2	6	1	761833	474	
148780079	148740147	soil < 250 µm	32	<LOD	45	261	10	<LOD	1742	<LOD	1923	<LOD	2681	<LOD	3915	<LOD	13	<LOD	9	11	1	<LOD	35	18	2	5	1	780322	478	
148780080	148740004	soil < 250 µm	6	<LOD	39	257	11	<LOD	1830	<LOD	2021	<LOD	2814	155	46	<LOD	12	<LOD	8	13	1	<LOD	31	17	2	<LOD	7	801935	428	
148780081	Standard	Blanc quartz < 90 µm 2020	31	<LOD	43	<LOD	887	63	16	<LOD	1825	<LOD	2517	<LOD	3648	<LOD	12	<LOD	8	<LOD	4	<LOD	32	17	2	5	1	710460	491	
148780082	148740095	soil < 250 µm	32	<LOD	45	261	10	<LOD	1749	<LOD	1927	<LOD	2689	<LOD	3931	<LOD	13	<LOD	9	12	1	<LOD	34	20	2	<LOD	7	779548	472	
148780083	148740055	soil < 250 µm	31	<LOD	43	300	10	<LOD	1708	74	19	<LOD	2621	<LOD	3848	<LOD	12	<LOD	9	13	1	<LOD	34	17	2	<LOD	7	767243	468	
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148780085	148740143	soil < 250 µm	31	<LOD	43	249	10	<LOD	1823	<LOD	2001	<LOD	2766	143	42	<LOD	13	<LOD	9	15	1	<LOD	35	24	2	3	1	775055	470	
148780086	148740136	soil < 250 µm	33	<LOD	46	329	10	<LOD	1732	<LOD	1911	<LOD	2666	<LOD	3910	<LOD	13	<LOD	9	10	1	<LOD	36	19	2	5	1	760406	470	
148780087	148740038	soil < 250 µm	30	<LOD	42	291	10	55	17	<LOD	1948	<LOD	2712	<LOD	3982	<LOD	12	<LOD	9	14	1	<LOD	33	16	2	<LOD	7	770888	455	
148780088	148740096	soil < 250 µm	31	<LOD	44	281	10	<LOD	1653	<LOD	1826	<LOD	2544	<LOD	3717	<LOD	12	<LOD	9	12	1	<LOD	34	19	2	3	1	778244	463	
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148780092	148740073	soil < 250 µm	31	<LOD	43	282	10	<LOD	1761	<LOD	1954	<LOD	2716	<LOD	3962	<LOD	12	<LOD	9	10	1	<LOD	34	18	2	4	1	786999	454	
148780093	148740026	soil < 250 µm	32	<LOD	44	231	9	<LOD	1757	58	18	<LOD	2683	<LOD	3912	<LOD	12	<LOD	9	10	1	<LOD	35	20	2	5	1	799358	466	
148780094	148740105	soil < 250 µm	32	<LOD	44	317	10	52	17	<LOD	1945	<LOD	2706	<LOD	3974	<LOD	12	<LOD	9	11	1	<LOD	35	22	2	4	1	771800	457	
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148780098	148740072	soil < 250 µm	32	<LOD	45	287	10	<LOD	1704	<LOD	1893	<LOD	2629	<LOD	3854	<LOD	13	<LOD	9	10	1	<LOD	35	19	2	<LOD	8	764725	470	
148780099	148740054	soil < 250 µm	31	<LOD	43	269	10	<LOD	1736	<LOD	1914	<LOD	2656	<LOD	3873	<LOD	12	<LOD	9	12	1	<LOD	34	15	2	4	1	782247	462	
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148780101	Standard	Blanc quartz < 90 µm 2020	31	25	7	<LOD	862	<LOD	1622	<LOD	1788	<LOD	2454	<LOD	3580	<LOD	11	<LOD	8	<LOD	4	<LOD	32	17	2	2	1	705728	484	
148780102	148740117	soil < 250 µm	31	<LOD	43	285	10	<LOD	1683	<LOD	1835	98	28	<LOD	3734	<LOD	12	<LOD	9	11	1	<LOD	34	17	2	3	1	755771	463	
148780103	148740016	soil < 250 µm	31	<LOD	43	226	9	58	16	<LOD	1983	<LOD	2775	<LOD	4060	<LOD	13	<LOD	9	13	1	<LOD	35	25	2	5	1	796370	455	
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148780105	148740145	soil < 250 µm	30	<LOD	42	262	10	<LOD	1699	<LOD	1864	<LOD	2597	<LOD	3817	<LOD	12	<LOD	8	10	1	<LOD	33	20	2	<LOD	7	785985	449	
148780106	148740090	soil < 250 µm	6	<LOD	46	282	10	<LOD	1755	<LOD	1939	<LOD	2685	<LOD	3942	<LOD	13	<LOD	9	10	1	<LOD	36	24	2	4	1	777182	474	
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148780108	148740024	soil < 250 µm	32	<LOD	44	286	10	<LOD	1770	<LOD	1947	<LOD	2715	<LOD	3979	<LOD	12	<LOD	9	13	1	<LOD	35	16	2	4	1	752332	469	
148780109	148740091	soil < 250 µm	31	<LOD	44	284	10	<LOD	1704	<LOD	1889	<LOD	2615	<LOD	3818	<LOD	12	<LOD	9	11	1	<LOD	34	18	2	<LOD	7	774941	466	
148780110	148740069	soil < 250 µm	32	<LOD	44	302	10	<LOD	1697	<LOD	1874	<LOD	2605	<LOD	3817	<LOD	12	<LOD	9	12	1	<LOD	35	19	2	<LOD	8	771898	466	
148780111	Standard	MRIHB20-2	29	<LOD	40	255	10	<LOD	1808	<LOD	1996	<LOD	2758	<LOD	4030	<LOD	12	<LOD	8	10	1	<LOD	32	22	2	4	1	799466	434	
148780112	148740031	soil < 250 µm	32	<LOD	44	305	10	<LOD	1745	<LOD	1925	<LOD	2672	<LOD	3900	<LOD	12	<LOD	9	14	1	<LOD	35	18	2	5	1	768381	463	
148780113	148740122	soil < 250 µm	31	<LOD	44	304	10	<LOD	1740	<LOD	1933	<LOD	2683	<LOD	3911	<LOD	13	<LOD	9	13	1	<LOD	35	23	2	5	1	759185	464	
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148780117	148740001	soil < 250 µm	31	<LOD	44	289	10	<LOD	1677	<LOD	1861	<LOD	2604	<LOD	3803	<LOD	12	<LOD	9	12	1	<LOD	34	15	2	3	1	778909	459	
148780118	148740058	soil < 250 µm	33	<LOD	46	244	9	<LOD	1724	<LOD	1900	<LOD	2636	<LOD	3855	<LOD	13	<LOD	9	10	1	<LOD	35	19	2	4	1	789803	472	
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148780122	148740056	soil < 250 µm	30	<LOD	42	324	10	61	18	<LOD	1802	<LOD	2515	<LOD	3692	<LOD	12	<LOD	8	13	1	<LOD	33	13	2	3	1	744930	464	
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148780124	148740108	soil < 250 µm	31	<LOD	43	309	10	<LOD	1688	<LOD	1849	<LOD	2569	<LOD	3743	<LOD	12	<LOD	8	12	1	<LOD	34	12	2	3	1	758867	454	
148780125	148740011	soil < 250 µm	31	<LOD	44	277	10	52	17	<LOD	1915	<LOD	2663	<LOD	3894	<LOD	12	<LOD	9	12	1	<LOD	34	15	2	4	1	780430	465	
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148780128	148740066	soil < 250 µm	5	<LOD	43	306	10	<LOD	1732	<LOD	1902	<LOD	2648	<LOD	3888	<LOD	12	<LOD	8	11	1	<LOD	34	20	2	3	1	779393	461	
148780129	148740093	soil < 250 µm	30	<LOD	42	336	10	<LOD	1694	<LOD	1876	<LOD	2603	<LOD	3809	<LOD	12	<LOD	9	14	1	<LOD	33	15	2	4	1	760160	454	
148780130	148740078	soil < 250 µm	31	<LOD	43	325	10	<LOD	1694	<LOD	1861	<LOD	2582	<LOD	3765	<LOD	12	<LOD	9	11	1	<LOD	34	19	2	3	1	764429	456	
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148780132	148740099	soil < 250 µm	31	26	8	306	10	<LOD	1715	<LOD	1892	<LOD	2626	<LOD	3851	<LOD	12	<LOD	8	14	1	<LOD	34	17	2	6	1	768004	455	
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148780134	148740139	soil < 250 µm	31	<LOD	43	301	10	<LOD	1737	<LOD	1940	<LOD	2699	<LOD	3949	<LOD	13	<LOD	9	11	1	<LOD	34	17	2	<LOD	7	769933	459	
148780135	148740015	soil < 250 µm	30	<LOD	42	308	10	<LOD	1718	<LOD	1902	<LOD	2642	<LOD	3856	<LOD	12	<LOD	9	13	1	<LOD	33	15	2	3	1	761200	451	
148780136	148740131	soil < 250 µm	29	<LOD	40	293	10	<LOD	1754	<LOD	1942	<LOD	2698	<LOD	3939	<LOD	12	<LOD	8	13	1	<LOD	31	14	2	<LOD	7	782094	438	
148780137	148740023	soil < 250 µm	5	<LOD	42	278	9	<LOD	1733	<LOD	1918	<LOD	2659	<LOD	3884	<LOD	12	<LOD	8	10	1	<LOD	33	12	2	4	1	799922	444	
148780138	148740116	soil < 250 µm	31	<LOD	43	327	11	<LOD	1719	<LOD	1895	<LOD	2633	<LOD	3841	<LOD	12	<LOD	9	11	1	<LOD	34	14	2	<LOD	7	746618	457	
148780139	148740063	soil < 250 µm	31	<LOD	43	267	10	<LOD	1645	<LOD	1826	85	27	<LOD	3745	<LOD	12	<LOD	8	9	1	<LOD	33	15	2	<LOD	7	783704	459	
148780140	148740021	soil < 250 µm	31	<LOD	43	303	10	<LOD	1687	<LOD	1872	84	27	<LOD	3788	<LOD	12	<LOD	8	11	1	<LOD	34	14	2	4	1	786383	428	
148780141	Standard	Blanc quartz < 90 µm 2020	30	<LOD	42	<LOD	860	59	17	64	19	<LOD	2446	<LOD	3560	<LOD	11	<LOD	8	<LOD	4	<LOD	31	13	2	3	1	702165	474	
148780142	148740049	soil < 250 µm	30	<LOD	42	289	10	<LOD	1709	<LOD	1889	<LOD	2625	<LOD	3845	<LOD	12	<LOD	8	11	1	<LOD	33	17	2	3	1	776431	448	
148780143	148740138	soil < 250 µm	30	<LOD	42	299	10	<LOD	1719	<LOD	1919	<LOD	2667	<LOD	3911	<LOD	12	<LOD	8	10	1	<LOD	33	12	2	<LOD	7	768723	452	
148780144	148740052	soil < 250 µm	26	<LOD	36	238	11	<LOD	1894	<LOD	2079	<LOD	2866	<LOD	4168	<LOD	11	<LOD	8	14	1	<LOD	29	14	2	3	1	791209	409	
148780145	148740146	soil < 250 µm	31	<LOD	44	235	9	<LOD	1706	<LOD	1877	<LOD	2616	<LOD	3849	<LOD	12	<LOD	9	11	1	<LOD	34	18	2	<LOD	7	790231	462	
148780146	148740012	soil < 250 µm	31	<LOD	43	286	10	60	17	63	19	88	28	<LOD	3699	<LOD	12	<LOD	9	10	1	<LOD	34	12	2	3	1	771720	462	
148780147	148740114	soil < 250 µm	30	<LOD	42	319	10	<LOD	1698	64	20	<LOD	2593	<LOD	3802	<LOD	12	<LOD	8	10	1	<LOD	33	13	2	<LOD	7	778835	426	
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148780149	148740125	soil < 250 µm	31	<LOD	44	341	11	<LOD	1792	<LOD	1968	<LOD	2724	<LOD	3999	<LOD	13	<LOD	9	11	1	<LOD	35	20	2	6	1	742057	472	
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148780151	Standard	MRIHB20-2	27	<LOD	38	259	10	<LOD	1747	<LOD	1938	<LOD	2681	<LOD	3926	<LOD	11	<LOD	8	9	1	<LOD	30	12	2	<LOD	6	806404	412	
148780152	148740140	soil < 250 µm	31	<LOD	43	343	10	56	18	<LOD	1850	<LOD	2581	<LOD	3782	<LOD	12	<LOD	8	23	1	<LOD	33	13	2	5	1	746751	462	

Sample Échantillon	Field number Numéro terrain	Content Contient	Date Date	Element/Élément Unit/Unité Duration (sec) Durée (sec)	# Analyse/ Analysis #	Mg ppm	Mg Error1s ppm	Al ppm	Al Error1s ppm	Si ppm	Si Error1s ppm	P ppm	P Error1s ppm	S ppm	S Error1s ppm	K ppm	K Error1s ppm	Ca ppm	Ca Error1s ppm	Ti ppm	Ti Error1s ppm	V ppm	V Error1s ppm	Cr ppm	Cr Error1s ppm	Mn ppm	Mn Error1s ppm	Fe ppm	Fe Error1s ppm
148780153	148740010	soil < 250 µm	2022-02-07	90	88	3814	1028	26665	295	157679	460	2651	32	<LOD	294	13303	53	33368	103	2532	81	116	22	59	11	528	13	22557	82
148780154	148740137	soil < 250 µm	2022-02-07	90	89	<LOD	9104	35636	328	138767	367	3514	35	<LOD	431	9987	42	9636	35	2029	75	<LOD	91	32	10	201	10	16816	58
148780155	148740074	soil < 250 µm	2022-02-07	90	90	<LOD	8177	35717	323	154277	385	2823	32	1353	29	10335	42	10853	38	2322	78	<LOD	94	36	10	197	10	16821	58
148780156	148740113	soil < 250 µm	2022-02-07	90	91	<LOD	6248	22264	275	177929	406	2828	33	791	28	11402	45	15341	48	1225	76	<LOD	86	<LOD	44	163	10	9346	40
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148780158	148740009	soil < 250 µm	2022-02-07	90	93	<LOD	9910	40701	346	99315	305	2862	31	187	25	7233	34	7685	30	1464	68	<LOD	84	<LOD	44	92	8	16823	57
148780159	148740142	soil < 250 µm	2022-02-07	90	94	<LOD	7270	32564	317	150930	381	3304	34	<LOD	419	9816	41	9154	34	2142	78	<LOD	92	46	10	161	10	14776	53
148780160	148740029	soil < 250 µm	2022-02-07	90	95	<LOD	7489	38628	332	134400	357	2966	32	<LOD	434	8900	38	10017	36	2337	75	<LOD	90	44	10	170	9	18863	63
148780161	Standard	Blanc quartz < 90 µm 2020	2022-02-07	90	96	<LOD	5376	1716	145	294363	463	3078	33	<LOD	233	<LOD	307	1287	15	565	67	<LOD	67	<LOD	38	92	8	831	11
148780162	148740123	soil < 250 µm	2022-02-07	90	97	<LOD	6285	28613	304	167387	408	2610	32	<LOD	343	12571	48	16422	51	2739	82	67	22	67	11	278	11	17485	61
148780163	148740030	soil < 250 µm	2022-02-07	90	98	<LOD	6530	28139	294	163614	391	2918	32	<LOD	364	10452	42	12271	41	2081	76	<LOD	90	62	10	210	10	16730	57
Blank	Blank Vanta	Blank Vanta	2022-02-08	90	2	<LOD	2338	<LOD	610	498354	473	<LOD	47	<LOD	89	<LOD	126	<LOD	106	<LOD	131	<LOD	65	<LOD	36	22	7	23	5
MRIHB20-2	Standard	MRIHB20-2	2022-02-08	90	3	<LOD	8753	38276	336	123332	344	3072	32	139	24	6807	33	7189	28	2616	70	<LOD	92	48	9	211	9	33110	95
MRIHB20-2	Standard	MRIHB20-2	2022-02-08	90	4	<LOD	8695	38093	333	123141	342	3070	32	165	23	6851	33	7202	28	2729	71	91	19	42	9	190	9	32942	95
MRIHB20-2	Standard	MRIHB20-2	2022-02-08	90	5	<LOD	8416	36967	328	126273	346	3067	32	<LOD	437	6833	33	7389	29	2843	70	65	19	40	9	218	9	32744	94
MRIHB20-2	Standard	MRIHB20-2	2022-02-08	90	6	<LOD	8202	38178	329	128260	349	3053	31	185	23	7001	33	7359	29	2679	71	80	19	46	9	217	9	33267	95
MRIHB20-2	Standard	MRIHB20-2	2022-02-08	90	7	<LOD	7757	39326	331	134867	357	3200	32	136	24	7333	34	7643	30	2778	72	<LOD	93	37	9	210	9	32842	94
MRIHB20-2	Standard	MRIHB20-2	2022-02-08	90	8	<LOD	7685	39776	331	134087	355	3159	32	150	24	7268	34	7564	29	2655	71	106	19	41	9	209	9	32588	93
MRIHB20-2	Standard	MRIHB20-2	2022-02-08	90	9	<LOD	8336	39087	326	135242	354	3186	32	148	23	7466	34	7653	29	2817	72	<LOD	92	33	9	207	9	32052	91
MRIHB20-2	Standard	MRIHB20-2	2022-02-08	90	10	<LOD	7419	39350	327	136491	357	3218	32	92	24	7474	34	7789	30	2873	72	77	19	45	9	209	9	31666	91

Sample Échantillon	Field number Numéro terrain	Content Contient	Co ppm	Co Error1s ppm	Ni ppm	Ni Error1s ppm	Cu ppm	Cu Error1s ppm	Zn ppm	Zn Error1s ppm	As ppm	As Error1s ppm	Se ppm	Se Error1s ppm	Rb ppm	Rb Error1s ppm	Sr ppm	Sr Error1s ppm	Y ppm	Y Error1s ppm	Zr ppm	Zr Error1s ppm	Nb ppm	Nb Error1s ppm	Mo ppm	Mo Error1s ppm	Ag ppm	Ag Error1s ppm	Cd ppm	Cd Error1s ppm	Sn ppm
148780153	148740010	soil < 250 µm	47	15	44	3	17	2	43	2	4	1	<LOD	3	58	1	307	2	12	1	189	1	<LOD	5	4	1	<LOD	70	<LOD	22	<LOD
148780154	148740137	soil < 250 µm	<LOD	62	21	2	<LOD	9	45	2	<LOD	4	<LOD	2	52	1	308	2	7	1	103	1	<LOD	5	<LOD	6	<LOD	64	<LOD	22	<LOD
148780155	148740074	soil < 250 µm	<LOD	63	17	2	6	2	19	2	<LOD	4	<LOD	2	47	1	300	2	5	1	194	1	3	1	4	1	<LOD	69	<LOD	22	<LOD
148780156	148740113	soil < 250 µm	<LOD	47	17	2	<LOD	9	18	2	<LOD	4	<LOD	2	53	1	319	2	5	1	70	1	<LOD	5	<LOD	6	<LOD	62	<LOD	23	<LOD
148780157	148740121	soil < 250 µm	43	13	28	2	17	2	32	2	3	1	<LOD	3	49	1	313	2	12	1	257	2	<LOD	5	5	1	<LOD	70	<LOD	23	<LOD
148780158	148740009	soil < 250 µm	<LOD	60	11	2	6	2	16	1	<LOD	3	<LOD	2	48	1	283	1	3	1	48	1	<LOD	4	4	1	<LOD	66	<LOD	21	<LOD
148780159	148740142	soil < 250 µm	<LOD	58	16	2	8	2	34	2	3	1	<LOD	2	50	1	294	1	4	1	104	1	<LOD	5	<LOD	6	<LOD	65	<LOD	22	<LOD
148780160	148740029	soil < 250 µm	<LOD	66	20	2	7	2	23	2	<LOD	4	<LOD	2	44	1	285	1	4	1	155	1	<LOD	4	<LOD	6	<LOD	66	<LOD	22	<LOD
148780161	Standard	Blanc quartz < 90 µm 2020	<LOD	18	<LOD	8	7	2	7	1	<LOD	3	<LOD	2	2	0	<LOD	3	21	1	69	1	<LOD	4	<LOD	6	<LOD	63	<LOD	22	<LOD
148780162	148740123	soil < 250 µm	<LOD	66	34	2	13	2	45	2	<LOD	4	<LOD	3	50	1	308	2	12	1	238	2	<LOD	5	4	1	<LOD	70	<LOD	23	<LOD
148780163	148740030	soil < 250 µm	<LOD	62	20	2	11	2	20	2	<LOD	4	<LOD	2	50	1	307	2	14	1	179	1	<LOD	5	<LOD	6	<LOD	65	<LOD	22	<LOD
Blank	Blank Vanta	Blank Vanta	9	3	<LOD	7	<LOD	8	<LOD	6	<LOD	3	<LOD	2	<LOD	2	<LOD	2	<LOD	3	5	1	<LOD	4	<LOD	6	<LOD	52	<LOD	22	16
MRIHB20-2	Standard	MRIHB20-2	<LOD	86	18	2	18	2	35	2	2	1	<LOD	2	39	1	223	1	7	1	173	1	<LOD	4	<LOD	6	<LOD	66	<LOD	20	<LOD
MRIHB20-2	Standard	MRIHB20-2	<LOD	86	18	2	19	2	37	2	<LOD	3	<LOD	2	39	1	224	1	7	1	173	1	<LOD	4	<LOD	6	<LOD	68	<LOD	20	17
MRIHB20-2	Standard	MRIHB20-2	<LOD	85	22	2	17	2	38	2	<LOD	3	<LOD	2	40	1	228	1	7	1	173	1	<LOD	4	<LOD	6	<LOD	67	<LOD	20	<LOD
MRIHB20-2	Standard	MRIHB20-2	<LOD	86	23	2	15	2	34	2	3	1	<LOD	2	39	1	226	1	5	1	161	1	3	1	5	1	<LOD	65	<LOD	20	<LOD
MRIHB20-2	Standard	MRIHB20-2	<LOD	85	22	2	13	2	37	2	3	1	<LOD	2	39	1	231	1	8	1	171	1	3	1	<LOD	6	<LOD	68	<LOD	20	<LOD
MRIHB20-2	Standard	MRIHB20-2	48	16	22	2	13	2	36	2	3	1	<LOD	2	40	1	230	1	7	1	170	1	<LOD	4	4	1	<LOD	68	<LOD	20	<LOD
MRIHB20-2	Standard	MRIHB20-2	<LOD	83	20	2	16	2	38	2	<LOD	3	<LOD	2	40	1	235	1	7	1	173	1	3	1	4	1	<LOD	67	<LOD	20	<LOD
MRIHB20-2	Standard	MRIHB20-2	<LOD	83	20	2	12	2	32	2	3	1	<LOD	2	38	1	232	1	7	1	150	1	<LOD	4	<LOD	6	<LOD	65	<LOD	20	<LOD

Sample Échantillon	Field number Numéro terrain	Content Contient	Sn Error1s ppm	Sb ppm	Sb Error1s ppm	Ba ppm	Ba Error1s ppm	La ppm	La Error1s ppm	Ce ppm	Ce Error1s ppm	Pr ppm	Pr Error1s ppm	Nd ppm	Nd Error1s ppm	W ppm	W Error1s ppm	Hg ppm	Hg Error1s ppm	Pb ppm	Pb Error1s ppm	Bi ppm	Bi Error1s ppm	Th ppm	Th Error1s ppm	U ppm	U Error1s ppm	LE ppm	LE Error1s ppm	Comment Commentaire
148780153	148740010	soil < 250 µm	31	<LOD	43	346	11	66	18	<LOD	1991	<LOD	2768	<LOD	4037	<LOD	13	<LOD	9	13	1	<LOD	35	21	2	<LOD	8	735557	912	
148780154	148740137	soil < 250 µm	30	<LOD	42	306	10	57	17	<LOD	1851	<LOD	2589	<LOD	3800	<LOD	12	<LOD	8	12	1	<LOD	33	12	2	3	1	782457	447	
148780155	148740074	soil < 250 µm	30	<LOD	42	310	10	61	17	<LOD	1931	<LOD	2703	<LOD	3968	<LOD	12	<LOD	8	12	1	<LOD	33	11	2	3	1	764275	455	
148780156	148740113	soil < 250 µm	31	<LOD	44	315	10	<LOD	1655	<LOD	1817	<LOD	2544	<LOD	3712	<LOD	12	<LOD	9	11	1	<LOD	34	13	2	4	1	757884	450	
148780157	148740121	soil < 250 µm	31	<LOD	43	312	10	<LOD	1785	<LOD	1972	<LOD	2737	<LOD	3999	<LOD	13	<LOD	9	13	1	<LOD	35	21	2	4	1	760547	454	
148780158	148740009	soil < 250 µm	29	<LOD	40	258	9	<LOD	1678	<LOD	1848	<LOD	2563	<LOD	3756	<LOD	11	<LOD	8	10	1	<LOD	31	11	2	4	1	822935	423	
148780159	148740142	soil < 250 µm	30	<LOD	42	297	10	<LOD	1710	<LOD	1889	<LOD	2627	<LOD	3821	<LOD	12	<LOD	8	16	1	<LOD	33	15	2	<LOD	7	776266	451	
148780160	148740029	soil < 250 µm	29	<LOD	41	272	10	<LOD	1703	<LOD	1884	<LOD	2612	<LOD	3827	<LOD	12	<LOD	8	10	1	<LOD	32	9	2	4	1	782842	441	
148780161	Standard	Blanc quartz < 90 µm 2020	30	<LOD	41	<LOD	855	<LOD	1593	<LOD	1751	<LOD	2408	<LOD	3476	<LOD	11	<LOD	8	<LOD	4	<LOD	31	12	2	4	1	697946	473	
148780162	148740123	soil < 250 µm	31	<LOD	43	294	10	<LOD	1784	<LOD	1963	<LOD	2711	<LOD	3971	<LOD	12	<LOD	9	12	1	<LOD	35	20	2	4	1	750729	463	
148780163	148740030	soil < 250 µm	30	<LOD	42	325	10	<LOD	1689	<LOD	1856	<LOD	2585	<LOD	3789	<LOD	12	<LOD	8	11	1	<LOD	33	14	2	<LOD	7	762570	446	
Blank	Blank Vanta	Blank Vanta	5	<LOD	42	<LOD	763	<LOD	1435	87	26	<LOD	2231	<LOD	3253	<LOD	11	<LOD	7	<LOD	4	<LOD	29	<LOD	10	<LOD	6	501484	473	
MRIHB20-2	Standard	MRIHB20-2	28	<LOD	38	265	11	<LOD	1730	<LOD	1899	<LOD	2642	<LOD	3879	<LOD	11	<LOD	8	10	1	<LOD	30	13	2	3	1	784394	437	Used tablet
MRIHB20-2	Standard	MRIHB20-2	5	<LOD	38	286	11	<LOD	1737	86	21	<LOD	2663	<LOD	3900	<LOD	11	<LOD	8	10	1	<LOD	30	10	2	<LOD	6	784559	435	Used tablet
MRIHB20-2	Standard	MRIHB20-2	27	<LOD	38	276	11	<LOD	1735	<LOD	1917	<LOD	2672	<LOD	3925	<LOD	11	<LOD	8	11	1	<LOD	30	7	2	<LOD	6	782741	434	Used tablet
MRIHB20-2	Standard	MRIHB20-2	27	<LOD	38	260	11	<LOD	1745	77	21	<LOD	2679	<LOD	3917	<LOD	11	<LOD	8	8	1	<LOD	30	11	2	<LOD	6	778804	437	Used tablet
MRIHB20-2	Standard	MRIHB20-2	28	<LOD	38	255	11	62	18	<LOD	1909	<LOD	2651	180	46	<LOD	11	<LOD	8	9	1	<LOD	30	14	2	<LOD	6	770584	443	New tablet
MRIHB20-2	Standard	MRIHB20-2	27	<LOD	38	259	11	<LOD	1757	<LOD	1936	<LOD	2694	<LOD	3926	<LOD	11	<LOD	8	9	1	<LOD	30	14	2	<LOD	6	771542	440	New tablet
MRIHB20-2	Standard	MRIHB20-2	27	<LOD	38	286	11	<LOD	1750	<LOD	1935	<LOD	2684	<LOD	3934	<LOD	11	<LOD	8	10	1	<LOD	30	10	2	<LOD	6	771269	436	New tablet
MRIHB20-2	Standard	MRIHB20-2	27	<LOD	38	274	11	<LOD	1738	<LOD	1918	<LOD	2674	<LOD	3894	<LOD	11	<LOD	8	7	1	<LOD	30	9	2	4	1	769928	439	New tablet

IOS Services Géoscientifiques inc.
1319, boulevard Saint-Paul
Chicoutimi, Québec, Canada
G7J 3Y2
418-698-4498

CERTIFICATE : IOS22-0010

To : Mr. Michael Rosatelli
VAL-D'OR MINING CORPORATION
2864 chemin Sullivan
Val-d'Or, Québec
J9P 0B9

Project :	1487, Victoria Creek
Date of certificate:	2022-02-14
Number of analyzes:	163 with quality control
Sample type:	Soil samples: hozizon B < 250 µm

Samples preparation:	Drying , sieving at 250 µm
Instrument used:	Furnace Lindberg/Blue 1100°C

This report contains protected and confidential information to the recipient's attention.
The results relate only to the sample submitted for analysis.
This report is final and replaces any other preliminary reports with that number.

2021-1487_Report_Soils_XRF
Victoria Creek Project, February 21st, 2022

Signature:

Karen Gagné
Chemist, OCQ 2003-137
Quality control

Échantillon randomisé/ Randomized sample	Échantillon terrain/ Field sample number	QCQA	Date	Poids sec / Dry weight	PAF / LOI (700°C)
				(g)	(%)
148780001	Standard	SED08	2022-02-09	6,0697	22,2647
148780002	148740119		2022-02-09	14,5625	7,7796
148780003	148740037		2022-02-09	17,4378	7,2159
148780004	148740057		2022-02-09	19,3175	4,2614
148780005	148740067		2022-02-09	9,8879	3,2383
148780006	148740100		2022-02-09	25,4871	2,1277
148780007	148740083		2022-02-09	20,7962	5,2788
148780008	148740109		2022-02-09	23,1677	1,6877
148780009	148740041		2022-02-09	20,2334	4,4061
148780010	148740027		2022-02-09	17,0935	7,4619
148780011	Standard	148780128-Dup	2022-02-09	21,3507	1,7864
148780012	148740035		2022-02-09	19,6832	2,4950
148780013	148740094		2022-02-09	23,8207	2,4181
148780014	148740046		2022-02-09	20,0966	3,2722
148780015	148740085		2022-02-09	18,0454	5,2867
148780016	148740071		2022-02-09	24,5141	2,5075
148780017	148740014		2022-02-09	24,0571	1,3622
148780018	148740103		2022-02-09	25,0553	4,2334
148780019	148740133		2022-02-09	23,4761	1,7971
148780020	148740141		2022-02-09	21,3688	3,7742
148780021	Standard	MRIMO50	2022-02-09	11,0974	24,8959
148780022	148740129		2022-02-09	25,5786	3,9134
148780023	148740039		2022-02-09	22,6054	2,2574
148780024	148740006		2022-02-09	17,9278	4,4439
148780025	148740101		2022-02-09	21,8290	3,0913
148780026	148740070		2022-02-09	27,3278	0,9287
148780027	148740060		2022-02-09	25,6574	1,3263
148780028	148740020		2022-02-09	18,1120	6,0805
148780029	148740089		2022-02-09	21,1200	2,9929
148780030	148740111		2022-02-09	20,3161	1,3211
148780031	Standard	Oreas 25a	2022-02-09	14,2921	10,0349
148780032	148740032		2022-02-09	15,9471	2,8620
148780033	148740028		2022-02-09	24,1014	2,1613
148780034	148740061		2022-02-09	23,5240	2,6722
148780035	148740077		2022-02-09	20,7397	3,5261
148780036	148740102		2022-02-09	20,0689	5,4557
148780037	148740048		2022-02-09	21,8670	2,4512
148780038	148740019		2022-02-09	15,6969	3,2688
148780039	148740092		2022-02-09	19,1859	2,8031
148780040	148740082		2022-02-09	21,2137	1,8889
148780041	Standard	MRIMO100	2022-02-09	7,4430	51,6982
148780042	148740075		2022-02-09	23,6191	1,5293
148780043	148740110		2022-02-09	21,2472	2,0426
148780044	148740128		2022-02-09	19,4132	5,7662
148780045	148740135		2022-02-09	25,6504	1,5852
148780046	148740097		2022-02-09	20,4268	2,4130
148780047	148740076		2022-02-09	23,3669	2,0024
148780048	148740064		2022-02-09	20,5303	4,3336
148780049	148740033		2022-02-09	14,0552	8,2909
148780050	148740003		2022-02-09	23,3637	1,8747
148780051	Standard	STDSED08	2022-02-09	6,4508	22,2019
148780052	148740124		2022-02-09	16,3359	4,0334
148780053	148740013		2022-02-09	16,2967	9,2393
148780054	148740134		2022-02-09	18,6229	2,9899
148780055	148740036		2022-02-09	22,0679	3,5481
148780056	148740065		2022-02-09	19,0628	5,3035
148780057	148740126		2022-02-09	15,4930	8,0856
148780058	148740042		2022-02-09	26,2423	1,8962
148780059	148740062		2022-02-09	21,6628	1,8991
148780060	148740132		2022-02-09	25,8943	1,0103
148780061	Standard	148780133-Dup	2022-02-09	19,5328	3,8975
148780062	148740050		2022-02-09	18,9211	2,8915
148780063	148740068		2022-02-09	17,9606	2,1976
148780064	148740017		2022-02-09	21,5679	2,2200
148780065	148740084		2022-02-09	20,2963	4,6028
148780066	148740107		2022-02-09	24,1430	1,3201
148780067	148740086		2022-02-09	19,1529	3,8490
148780068	148740044		2022-02-09	23,2692	3,2902
148780069	148740127		2022-02-09	19,6888	3,3740
148780070	148740053		2022-02-09	20,7657	2,7661
148780071	Standard	MRIMO100	2022-02-09	7,5523	51,6372
148780072	148740034		2022-02-09	19,4031	4,0205
148780073	148740018		2022-02-09	18,5805	4,7528
148780074	148740098		2022-02-09	19,5549	2,0558
148780075	148740008		2022-02-09	21,7841	3,1711
148780076	148740118		2022-02-09	15,5756	1,2693
148780077	148740040		2022-02-09	21,3142	2,3496
148780078	148740007		2022-02-09	21,2082	1,8658
148780079	148740147		2022-02-09	25,2464	1,9425
148780080	148740004		2022-02-09	20,7523	9,8225
148780081	Standard	Oreas 25a	2022-02-09	13,8948	9,6007
148780082	148740095		2022-02-09	25,5082	2,5031
148780083	148740055		2022-02-09	17,8472	2,7085
148780084	148740079		2022-02-09	26,7883	2,0184
148780085	148740143		2022-02-09	21,8683	5,9653
148780086	148740136		2022-02-09	25,8555	1,6936
148780087	148740038		2022-02-09	20,3515	5,4556
148780088	148740096		2022-02-09	28,1682	1,7850
148780089	148740120		2022-02-09	21,6308	2,5357
148780090	148740051		2022-02-09	21,4225	3,1840
148780091	Standard	MRIMO50	2022-02-09	13,1199	25,1991

Échantillon randomisé/ Randomized sample	Échantillon terrain/ Field sample number	QCQA	Date	Poids sec / Dry weight	PAF / LOI (700°C)
				(g)	(%)
148780092	148740073		2022-02-09	22,0670	4,1374
148780093	148740026		2022-02-09	20,9005	5,4243
148780094	148740105		2022-02-09	20,4415	3,3129
148780095	148740088		2022-02-09	21,3493	2,5823
148780096	148740005		2022-02-09	14,0718	13,9790
148780097	148740080		2022-02-09	24,2891	2,6176
148780098	148740072		2022-02-10	30,7989	1,2023
148780099	148740054		2022-02-10	23,3561	3,1495
148780100	148740087		2022-02-10	18,9000	7,0196
148780101	Standard	STDSED08	2022-02-10	5,3042	22,4784
148780102	148740117		2022-02-10	15,1967	4,1963
148780103	148740016		2022-02-10	17,2234	4,8724
148780104	148740025		2022-02-10	19,6325	2,7903
148780105	148740145		2022-02-10	25,2730	3,8840
148780106	148740090		2022-02-10	24,8880	1,9118
148780107	148740144		2022-02-10	21,1043	4,2375
148780108	148740024		2022-02-10	17,3950	3,0175
148780109	148740091		2022-02-10	24,5911	1,5558
148780110	148740069		2022-02-10	20,7743	1,6867
148780111	Standard	148780026-Dup	2022-02-10	26,3005	1,0076
148780112	148740031		2022-02-10	18,9420	4,3000
148780113	148740122		2022-02-10	15,1863	4,6246
148780114	148740059		2022-02-10	28,3761	1,6877
148780115	148740112		2022-02-10	21,6738	3,1702
148780116	148740081		2022-02-10	21,0584	4,0540
148780117	148740001		2022-02-10	21,0627	2,8624
148780118	148740058		2022-02-10	20,7882	2,6592
148780119	148740115		2022-02-10	15,3906	4,6346
148780120	148740022		2022-02-10	20,3257	4,3349
148780121	Standard	MRIMO100	2022-02-10	6,8058	51,7441
148780122	148740056		2022-02-10	20,4079	1,9904
148780123	148740002		2022-02-10	15,6510	10,8504
148780124	148740108		2022-02-10	23,3429	1,7410
148780125	148740011		2022-02-10	25,0183	2,5801
148780126	148740047		2022-02-10	19,6357	6,9394
148780127	148740104		2022-02-10	21,0263	4,9624
148780128	148740066		2022-02-10	23,5281	1,7451
148780129	148740093		2022-02-10	24,5597	2,6035
148780130	148740078		2022-02-10	24,0089	2,3416
148780131	Standard	Oreas 25a	2022-02-10	11,9667	10,0730
148780132	148740099		2022-02-10	21,0997	2,4086
148780133	148740045		2022-02-10	20,9970	3,9620
148780134	148740139		2022-02-10	18,5434	3,1618
148780135	148740015		2022-02-10	19,3811	2,8626
148780136	148740131		2022-02-10	20,3371	5,1364
148780137	148740023		2022-02-10	18,0355	3,8829
148780138	148740116		2022-02-10	17,6718	2,2561
148780139	148740063		2022-02-10	24,9437	2,6648
148780140	148740021		2022-02-10	20,1266	5,0177
148780141	Standard	MRIMO50	2022-02-10	11,7453	24,5971
148780142	148740049		2022-02-10	24,0452	2,6450
148780143	148740138		2022-02-10	26,5848	1,9537
148780144	148740052		2022-02-10	14,4047	13,0471
148780145	148740146		2022-02-10	27,4877	3,6955
148780146	148740012		2022-02-10	25,1738	1,5699
148780147	148740114		2022-02-10	19,4501	4,8828
148780148	148740106		2022-02-10	16,9177	8,4568
148780149	148740125		2022-02-10	14,2262	2,7695
148780150	148740043		2022-02-10	16,3339	6,4522
148780151	Standard	Oreas 25a	2022-02-10	13,1588	9,9226
148780152	148740140		2022-02-10	20,0136	1,8812
148780153	148740010		2022-02-10	15,6495	3,6953
148780154	148740137		2022-02-10	23,1135	2,9165
148780155	148740074		2022-02-10	20,3718	2,6875
148780156	148740113		2022-02-10	26,4191	1,8468
148780157	148740121		2022-02-10	14,7050	6,2618
148780158	148740009		2022-02-10	22,0426	7,3567
148780159	148740142		2022-02-10	20,0925	3,8273
148780160	148740029		2022-02-10	21,6477	5,0744
148780161	Standard	MRIMO100	2022-02-10	7,4439	52,1850
148780162	148740123		2022-02-10	16,9728	5,4770
148780163	148740030		2022-02-10	20,2885	2,8681