

# GM 72523

Till sampling program, Schefferville project

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Énergie et Ressources  
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Québec 

# IOS Services Géoscientifiques

**TILL SAMPLING PROGRAM  
SCHEFFERVILLE PROJECT,  
SCHEFFERVILLE  
QUÉBEC  
NTS 23O04 and 23O05**

Presented to

**Jo Price**  
Vice President Exploration

**Ethos Gold Corp.**



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Date: January 13<sup>th</sup>, 2022  
Project: 1426  
Numerical copy

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### INTRODUCTION

The Schefferville project is located west north-west of the town of Schefferville. The property covers 422.21 km<sup>2</sup>, divided in two block of claim. The Sable block is located 64 km to the NW of Schefferville and the Hamard block is located 30 km west of town. The property hosts 29 reported historic gold occurrence, the major ones being Arsene, Beluga and Baleine Rouge.

IOS Services Géoscientifiques Inc, has been mandated by Ethos Gold Corp. to conduct a geological reconnaissance program including bedrock, and to complement this work with an orientation till sampling program.

The current report describes the till sampling, including a description of the collected samples, the samples processing, and a brief interpretation. The geological reconnaissance program, in the course of which the till sampling was conducted, is reported separately (Longuépée, 2021).

### TERMS OF REFERENCE

Ethos Gold Corporation, represented by its exploration vice-president, Mrs. Jo Price, P.Geo.), has contracted IOS Services Géoscientifiques Inc. to conduct a geological reconnaissance over selected target within their Schefferville project, and to collect till samples wherever suitable material was available in order to test the applicability of the method on a systematic manner, or to test targets where no other geological information was available.

The services included:

1. Providing the client with professional consulting in regard of the local geology, logistics and exploration planning;
2. Providing technical and professional staff members, including registered professional geologists or engineer, to carry on mapping, sampling program and any related tasks according to the industry standards and the requirements mentioned in the specific terms;
3. Providing logistical support for field operation, including expedition and transportation, room and board management;
4. Sub-contracting the assaying laboratory, helicopter or aircraft chartering, housing;

5. Providing tools, equipments, transportation and all required support to its staff so as to ensure the timely execution of the agreed work;
6. Arranging, upon request, for chemical assaying of the sample and implementing a QAQC program;
7. Providing samples processing, mineralogical analyses, analytical work quality control in accordance to best industry's practices;
8. Providing reports in a format acceptable for assessment filing, including a detailed interpretation of the results if requested.

Regional geological information is available from Ministry of Energy and Natural Resources (MERN) and includes geology, quaternary geology maps and assessment files. The client provided various database compiling the historical work, including geology, geochemistry and geophysics.

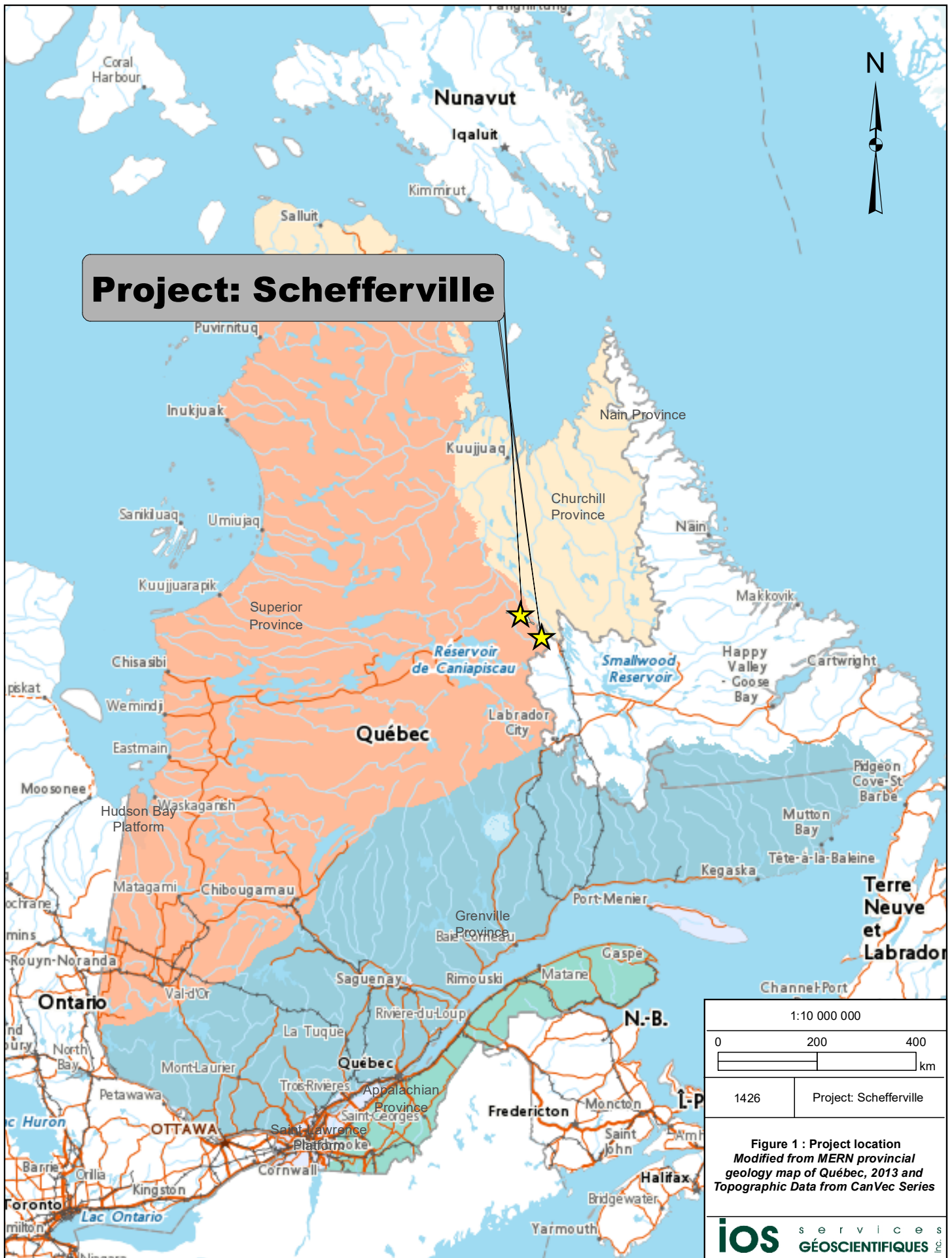
IOS have been involved with the planning of the program, including sampling site selection and sample processing using its proprietary ARTGold™ technology.

IOS has no interest or partnerships with Ethos Gold Corp., other than a consulting-contracting 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 or assessment report instructions and shall not be used for financial purposes.

## DESCRIPTION OF THE PROPERTY

### LOCATION AND ACCESS

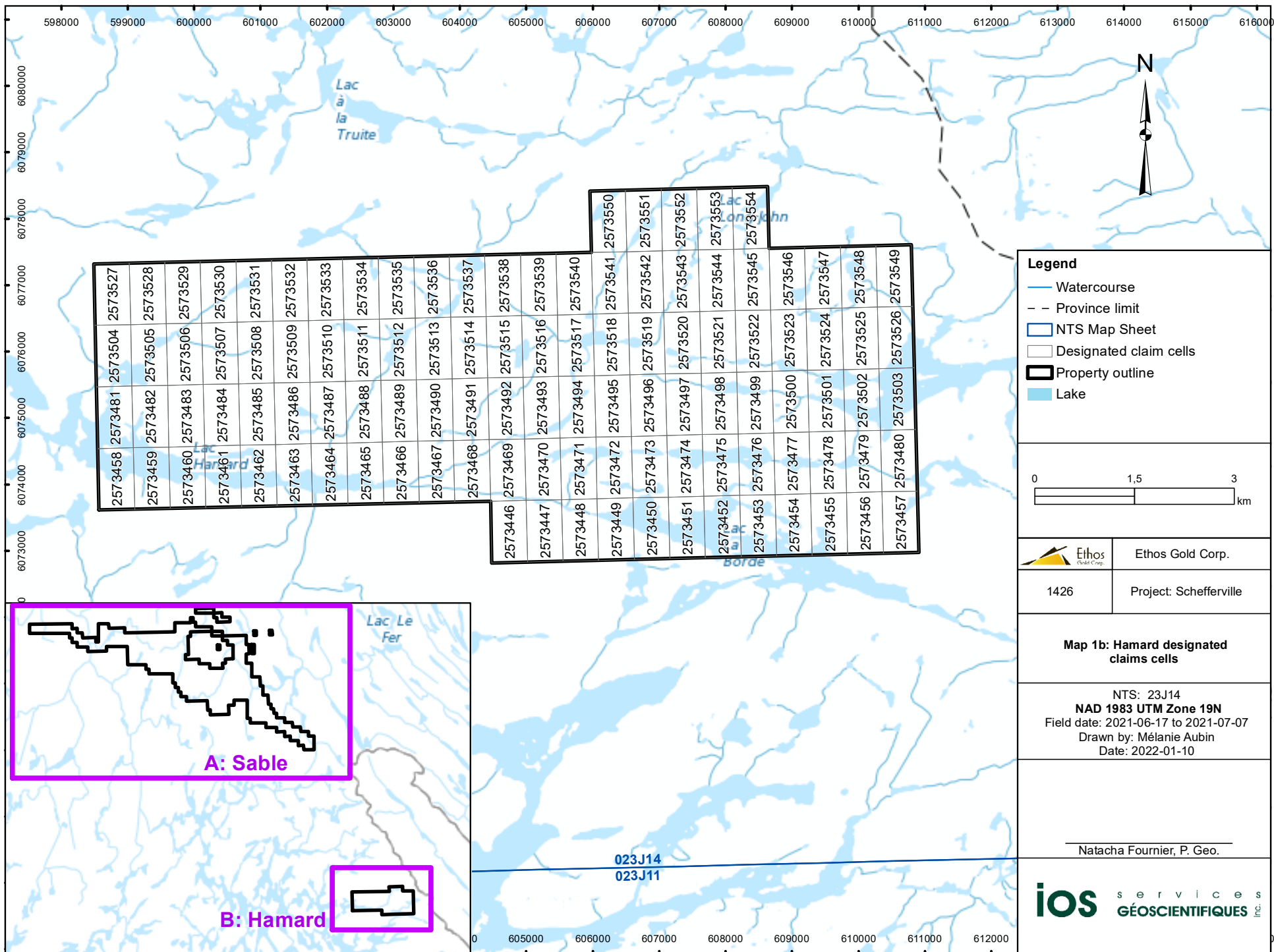
The property is located in northern Quebec between latitude 54°47'30"N and 55°21'02"N and longitude 67°16'31"W and 68°28'W (NTS sheets 23J14, 23N01, 23N08, 23O04 and 23O05). It is composed of two blocks of claims (**figure 1**). The Hamard block is located 30 km west of the town of Schefferville and included in the Côte-Nord administrative region. The Sable block is located 64 km northwest of Schefferville and is part of the Kativik administrative region. Despite the presence numerous mining roads and drilling trails 10 to 20 km west of the property, none of them cross the Goodwood River and therefore, the property is only accessible by air.



Carte(s) de dimensions hors standard placée(s) à la suite du présent document ou disponible en GeoTIFF sur la Carte interactive.

Non standard size map(s) positioned after this document or available in GeoTIFF on the Interactive map.





- Legend**
- Watercourse
  - Province limit
  - NTS Map Sheet
  - Designated claim cells
  - Property outline
  - Lake

0 1.5 3 km



Ethos Gold Corp.

1426

Project: Schefferville

**Map 1b: Hamard designated claims cells**

NTS: 23J14  
**NAD 1983 UTM Zone 19N**  
 Field date: 2021-06-17 to 2021-07-07  
 Drawn by: Mélanie Aubin  
 Date: 2022-01-10

Natacha Fournier, P. Geo.

**ios** s e r v i c e s  
**GÉOSCIENTIFIQUES** Inc.

## ACCESS AND INFRASTRUCTURE

Access to the property requires the use of a helicopter. Schefferville is not accessible by road, it is deserved only by commercial or charter flight and by train from Sept-Îles.

## LAND TENURE

The property is composed of 858 non-contiguous maps designated claims (**maps 1a** and **1b**) and covers a total area of 422.21 km<sup>2</sup>. They are subdivided two blocks (**table 1**) with the Sable blocks being owned by Ethos Gold or under option.

| Block                | Nb of claims | Surface area (ha) |
|----------------------|--------------|-------------------|
| Sable                | 476          | 23,398            |
| Potts Option         | 21           | 1,032             |
| S. Leblanc Purchase  | 204          | 10,018            |
| Capitalight Purchase | 48           | 2,359             |
| <b>Sable Block</b>   | <b>749</b>   | <b>36,807</b>     |
| <b>Hamard Block</b>  | <b>109</b>   | <b>5,414</b>      |
| <b>Total</b>         | <b>858</b>   | <b>42,221</b>     |

**Table 1:** Ethos Gold Corporation claims blocks of the Schefferville project.

## RESTRICTIONS RELATING TO EXPLORATION WORK

All titles from the Sable block are located within category III lands according to the James Bay and Northern Québec agreement between the Québec Government and the various Inuits nations, and hence free of restrictions in regard of mining activities.

There are no restrictions in regards of mineral exploration activities for the Hamard block, which is located within the Nitassinan of Matimekosh Innu first nation other than the general provision of the Provincial regulation.

## CLIMATE, PHYSIOGRAPHY AND GLACIATION

The northern latitude and the mean altitude of the area confer a subarctic climate marked by cold winters and short summers (**figure 2**). The average temperature throughout the year in Schefferville is -5 degrees Celsius, with an average annual precipitation of 793.6 cm, of which 415 cm is snow. The region has an average of 190 days with maximum temperatures above 0°C. Lakes are free of ice from late June to mid



October. Most of the project being located in higher altitude than Schefferville, climate is even harsher with shorter summer.

The topography is dominated by hills with generally gentle slopes. The vegetation cover is sparse and made entirely of evergreen (**figure 3**). The subarctic taiga forest is mostly composed of black spruce (*Picea mariana*), but also jack pine (*Pinus divaricata*), balsam fir (*Abies balsamea*), larch (*Larix laricina*) and some deciduous trees such as birch (*Betula nana*), aspen (*Populus tremuloides*) and alders (*Alnus rugosa*). The forest density is particularly sparse due to the altitude.



**Figure 2:** The Sub-arctic climate of the region, as experienced in June.



**Figure 3:** General view of the sparse vegetation with small larches and spruces. A till sampling hole is visible in the foreground, where it's oxidation is obvious.

## PREVIOUS WORK

Being located in the Ashuanipi geological sub-province, the area garnered little attention from mining companies before the mid 1980's. As iron mining was coming to an end in Schefferville, the Iron Ore Company of Canada (IOC; 1983) initiated exploration projects for other commodities and worked on the nepheline syenites discovered Québec's government geologist in 1981-82, The Ministry of Energy and the Natural Resources (MERN) conducted geological mapping at the scale of 1:50,000 over part of the area, from which a grab sample at 18.9g/t Au with arsenopyrite in an iron formation was reported (Lapointe; 1986a). A lake sediments survey was done in the winter 1983-1984 (Beaumier; 1984).

Geological mapping (1:50 000) of the Lillois Lake area (Lapointe, 1989) and a Mag-Em, Spectro airborne survey (Lapointe; 1986, GEOTERREX LTD; 1986) were done by the MERN. IOC also did some exploration in the area without significant results (Campbell, 1987). Several other exploration programs lead to the discovery of several showings and

samples with gold anomalies. The Société d'exploration minière Vior-Mazarin found gold at “Lac Lilois”, “Lac Guillaume” and “de la Montage” occurrences (Poisson; 1986), Panneton and Doucet worked on the Scheffor project (1986; 1987) and observed that the mineralization was associated to small oxidised iron formation with arsenopyrite and pyrrhotite. They also discover the “Arsène” and “Baleine rouge” occurrences.

In 1988, the MERN completed a geological survey on the Goodwood River area (Chevé and Brouillette; 1988).

In 1995, First Choice Industries Ltd., Braddick Resources Ltd., United Compass, Resources Ltd. and Iron Ore Company of Canada jointly lead a prospecting survey, a re-analysed of the lake sediment from the 1983-84 MERN survey (Beaumier; 1987) and did a stream sediment sampling program (Goudreault and Chevé; 1996).

Between 2011 and 2013, Rockland Minerals Corp. did some exploration work in many areas of their Schefferville Gold project. They discovered a few new mineralized occurrences and conducted some drilling on Arsène and Baleine Rouge occurrences (Chevé and Sanders; 2011) plus various other exploration work (Ivanov; 2013). No other exploration work has been conducted since until Ethos involvement.

## REGIONAL GEOLOGY

Ethos Gold's Schefferville properties sit in the Ashuanipi Sub-province, a division of the Superior Province that is a domain of highly metamorphosed rocks of archean ages. The oldest rocks include metasedimentary and volcanic rocks, tonalities and granodiorites, and a lesser proportion of mafic to ultramafic rocks. These units are cut by a large volume of younger diatexite characteristics of the Ashuanipi Sub-province. These diatexite are the result of partial melting of the paragneisses that where the dominant geological unit before the melting event. All these rocks are cut by younger intrusions of granite, granodiorite, tonalite, syenite and fluorite-granite.

The rocks were metamorphosed to granulite facies, but some area of the centre and north Ashuanipi contain mineral assemblages of the amphibolites facies. Locally, along brittle late fault, the rocks have been retro-metamorphosed to the greenschist facies.

The structural scheme of the Ashuanipi is rather complex and is the result of five deformation event and dominated by the ductile D2 event generated in the magmatic state and closely associated with diatexite emplacement.

From an economic perspective, the most important rocks in the Ashuanipi are the iron formations. These were deposited in one or several large sedimentary basins between 2725 and 2680 Ma. These Algoma-type silicate iron formation are metamorphosed and are now composed of various proportion of magnetite, pyroxene, garnet, quartz and sulphides. They are sometimes referred to as pyrrhotite. These iron formations host most of the known the gold mineralisation.

The center north of the property straddles the contact between the Ashuanipi and La Grande Sub-provinces. In the area, the La Grande Sub-province is composed of tonalitic gneiss, metamorphosed volcanic and late granite.

### MINERAL OCCURRENCES

There are numerous known occurrences of gold mineralisation in the area covered by the current Ethos property (**table 2**). These are mostly found in the eastern half of the Sable block (**figure 4**). A few silver occurrences are located on the Hamard block (**figure 4**).

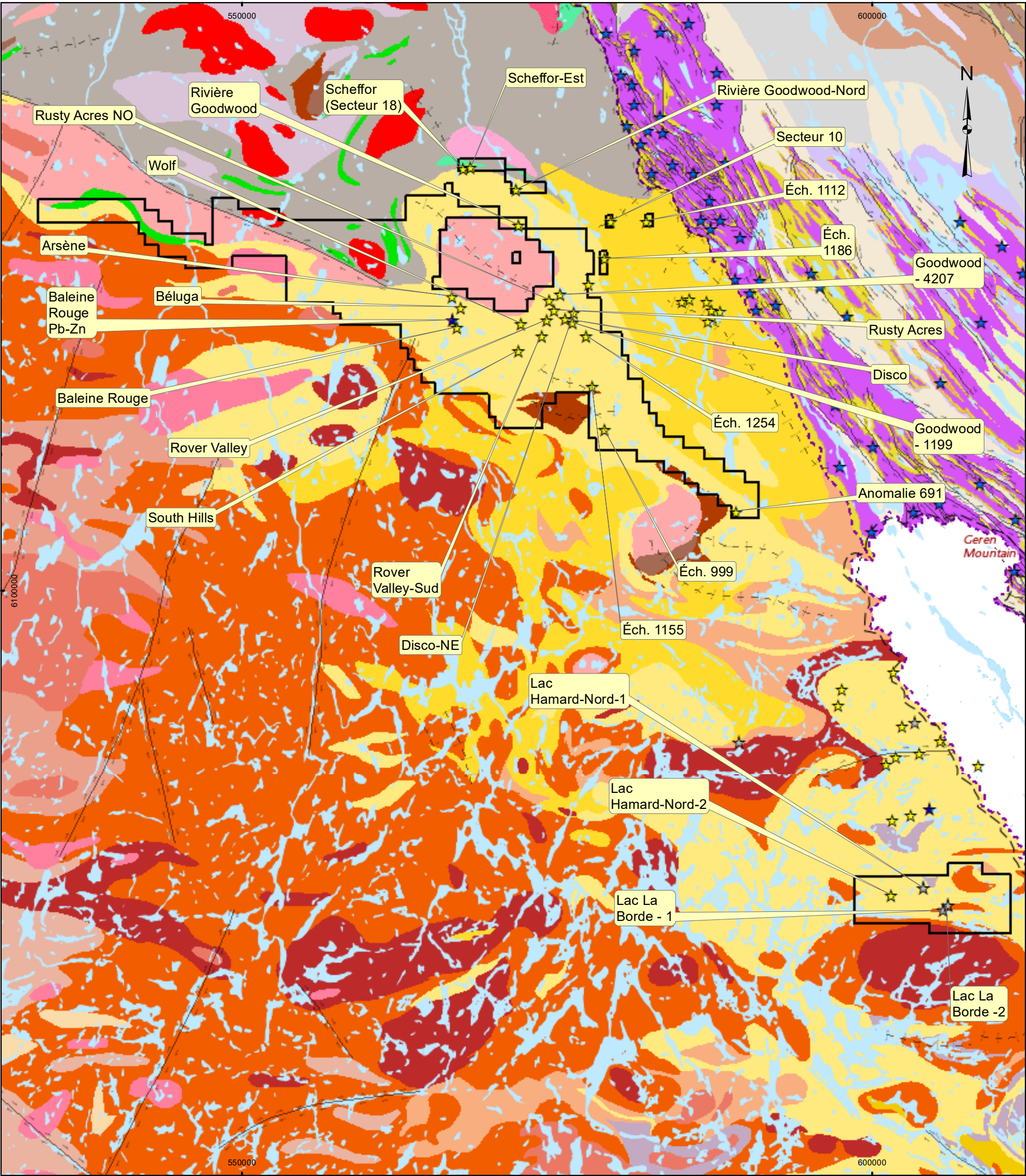
In most of the occurrences, gold is associated with pyrrhotite and arsenopyrite hosted by a silicate iron formation. The preferred genetic model is a metamorphic mobilization of gold in the iron formation as it is interpreted at the Lupin gold mine (Bullis *et al.*, 1993).

Interestingly, the La Borde Lake occurrences (Hamard block) are hosted in iron formations, but are silverbearing.

The Hamard Lake – North – 1 silver occurrence is an amphibolites-hosted semi-massive sulphide lens. The only gold occurrence in the Hamard block (Hamard Lake – North – 2) is hosted by a quartz vein. This can also be linked to processes similar to what occurred at Lupin.

The Baleine Rouge Pb-Zn occurrence is the only known base metal occurrence on the property. Galena is hosted by calcite-chlorite or feldspar-chlorite veinlets cutting through the paragneiss. There are little genetic indications, but a late-deformation-stage remobilisation is the most likely origin of the mineralization.





**Legend**

★ Mineral occurrence (Ag)  
★ Mineral occurrence (Au)  
★ Mineral occurrence (Fe)  
★ Mineral occurrence (Pb)

— Lake

**CHURCHILL PROVINCE - PALEOPROTEROZOIC**

**Menihék Formation**  
Mudstone, shale, siltstone and slate

**Sokoman Formation**  
Various facies iron formations and chert

**Ruth Formation**  
Ferriferous siltite

**Wishart Formation**  
Quartz sandstone, subarkose, conglomerat, quartzite

**Fleming Formation**  
Chert breccia with siltite, mudrock and sandstone

**Denault Formation**  
Dolomite, chert, sandstone, mudrock and conglomerate

**Swampy Bay Groupe**  
Mudrock, graphitic mudrock

**Bacchus Formation**  
Mudrock, siltite, phyllite, sandstone

**Le Fer Formation**  
Silty mudrock, siltite, sandstone and dolomite

**Pistolet Group**  
Dolomite, sandstone, siltite and mudrock

**Alder Formation**  
Gray dolomitic sandstone with brown glaze

**Uvé Formation**  
Dolomite, mudrock, siltite, sandstone and chert

**Chakonipau Formation**  
Fine to medium grained red arkose

Sandstone and various arkosic microconglomerate

**Wakuach Suite**  
Aphyric gabbro and aphyric olivine gabbro

**SUPERIOR PROVINCE - ACHEAN**

**Canyon Eaton Complex**  
Granitic to granodioritic leptynite

**Wishart Formation**  
Quartz sandstone, subarkose, conglomerat, quartzite

**Bacchus Formation**  
Massive flow basalt and pillowed

**Syenitic Goodwood Suite**  
Gabbro and diorite, foliated, with biotite + hornblende + clinopyroxene  
Feldspathoid syenite, massive to foliated, with nepheline + biotite + clinopyroxene

**Lachaine Suite**  
Quartz diorite and tonalite, massive to foliated, biotite + orthopyroxene ± clinopyroxene ± hornblende

**LeFrançois Suite**  
Charnockite, massive to foliated, with biotite + orthopyroxene ± clinopyroxene

**Rousson Suite**  
White granite, massive, with biotite + garnet ± orthopyroxene

**Opiscotéo Suite**  
Homogeneous diatexite, tonalitic to granitic, with biotite and paragneiss enclaves  
Homogenous diatexite, tonalitic to granitic, with biotite + orthopyroxene, with paragneiss enclaves  
Heterogenous diatexite tonalitic to granitic, with biotite + orthopyroxene ± garnet, with paragneiss enclaves

**Tramont Suite**  
Granite with biotite-chlorite

**Destiens Suite**  
Diorite, metagabbro and metapyroxenite  
Granodiorite, massive to foliated, with biotite + clinopyroxene ± orthopyroxene  
Foliated to gneissic tonalite with biotite + orthopyroxene ± clinopyroxene

**Joinville Suite**  
Leucogranite with biotite + chlorite

**Grosbois Complex**  
Granoblastic migmatitic paragneiss with biotite + orthopyroxene + garnet

**Favard Suite**  
Biotite leucotonalite  
Gneissic to foliated leucotonalite

**Brésolles Suite**  
Granitic gneiss, migmatites and banded gneiss

**Gayot Complex**  
Amphibolite, feldspathic amphibolite

**Lilois Complex**  
Paragneiss and tonalite  
Migmatitic paragneiss (33 to 66 % of neosome), biotite + garnet ± pyroxene; iron formation  
Migmatitic paragneiss (<33 % of neosome), biotite + garnet ± pyroxene; iron formation

— Property outline  
— Fault  
— Fold

0 7.5 15 km

Ethos Gold Corp.

1426 Project: Schefferville

**Figure 4 : Local geology**

NTS: 23O01,04,05,08 23J14  
NAD 1983 UTM Zone 19N  
Field date: 2021-06-03 to 17  
Drawn by: Mélanie Aubin,  
Date: 2022-01-10

ios services GÉOSCIENTIFIQUES INC.

| Name                    | Ethos block   | Grade (length)    | Target |
|-------------------------|---------------|-------------------|--------|
| Arsene                  | Sable         | 31.1 g/t Au       | 31     |
| Beluga                  | Sable         | 2.0 g/t Au        | 30     |
| Baleine Rouge           | Sable         | 12.0 g/t Au       | 29     |
| Baleine Rouge Pb-Zn     | Sable         | 6.5% Pb (4.1m)    | 29     |
| Wolf                    | Sable         | 171 g/t Au        | 1      |
| South Hills             | Sable         | 4.4 g/t Au (0.3m) | 2      |
| Rover Valley - South    | Sable         | 15.9 g/t Au       | 3      |
| Rover Valley            | Sable         | 3.7 g/t Au        | 4      |
| Rusty Acres             | Sable         | 6.7 g/t Au        | 5      |
| Rusty Acres NW          | Sable         | 1.7 g/t Au        | 10     |
| Disco                   | Sable         | 4.1 g/t Au        | 6      |
| Disco - NE              | Sable         | 1.7 g/t Au        | 7      |
| Goodwood – 4207         | Sable         | 1.0 g/t Au        | 11     |
| Goodwood – 1199         | Sable         | 6.5 g/t Au        | 8      |
| Sample 1254             | Sable         | 3.3 g/t Au        | 9      |
| Sample 1155             | Sable         | 1.5 g/t Au        | 15     |
| Sample 999              | Sable         | 1.7 g/t Au        | 26     |
| Anomaly 691             | Sable         | 3.0 g/t Au        | 28     |
| Goodwood River          | Sable         | 3.1 g/t Au        | 22     |
| Scheffor – East         | Sable – North | 2.7 g/t Au        | 12     |
| Scheffor (area 18)      | Sable – North | 1.7 g/t Au        | 12     |
| Area 10                 | Sable – East  | 2.5 g/t Ag (1m)   | 16     |
| Sample 1112             | Sable – East  | 2.7 g/t Au        | 17     |
| Sample 1186             | Sable – East  | 1.8 g/t Au        | 13     |
| Goodwood River - North  | Sable - North | 1.8 g/t Au        | 14     |
| Hamard Lake – North – 2 | Hamard        | 1.4 g/t Au (4.5m) | 33     |
| Hamard Lake – North – 1 | Hamard        | 7 g/t Ag          | 33     |
| La Borde Lake - 1       | Hamard        | 10.3 g/t Ag       | 32     |
| La Borde Lake - 2       | Hamard        | 9.9 g/t Ag        | 32     |

**Table 2:** Occurrences located on the current Ethos Gold Schefferville properties. The target number refers to the area targeted for the reconnaissance work presented here. The grade is the best historical value either from grab sample or channel sample, in which case the length of the sample is mentioned.

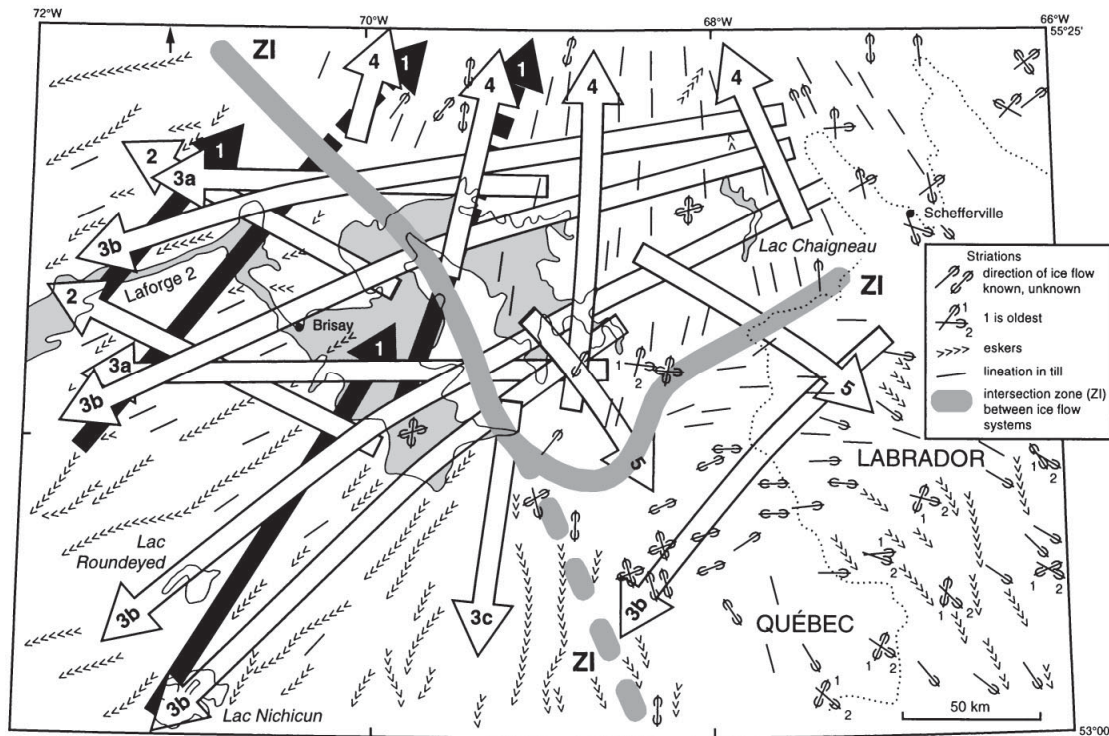


## QUATERNARY GEOLOGY

The evolution of the Laurentide ice sheet during the Wisconsinian in the region of Quebec and Labrador is relatively complex and associated with different phases of regional glacial flows (**figure 5**). An ice-flow chronology proposed by Veillette et al. (1999) consists of four different movements. A former north / northeast direction flow (1) that extends locally south of the ice divide (ZI) located in the Caniapiscou reservoir region is interpreted as being of pre-Wisconsinian age, prior to an interglacial period (Veillette et al., 1999). A second glacial movement recorded in the north of Abitibi (Veillette and Pomares, 1991) corresponds to the flow (2) towards the northwest, which would be linked to the construction of the Labrador-Quebec dome in south of Caniapiscou Reservoir at the very beginning of Lower Wisconsinian (Veillette et al. 1999; Dyke et al., 2002; Veillette 2004). The erosion marks and forms are intersected by those of a southwesterly flow (3), indicating a migration from the center of ice dispersal to the northeast, which was originally located north of the Caniapiscou reservoir (Veillette et al., 1999). Local movement were recorded in various areas during the last deglaciation. A flow (4) converging towards Ungava Bay north of the ice divide (ZI), oriented northeast and north-northwest (4), in the Caniapiscou area, intersects the former ice-flows.

The glacial landscape covering the Schefferville project was modeled during the last deglaciation of the Laurentidian ice sheet in the Upper Wisconsinian. The ice-flow based on the glacial erosion marks and streamline landform is oriented to the north-north west within Ashuanipi project

The entire territory covered by the Ashuanipi project is characterized by undulating relief, punctuated by high hills with an altitude of over 800 m. The glacial landforms are not well defined being in environment controlled by bedrock topography. The Sable block is mostly covered by thin glacial deposit (undifferentiated till). Some fluvioglacial sediments, including esker complex as well as deltaic aprons are present near Goodwood River, in the northeast area. Some fluvioglacial are also present in the northwest area where rugged bedrock topography disrupt the till cover. The Hamard block is about 50% overlain by glacial deposit, the other half is outcropping bedrock (**figure 6**).



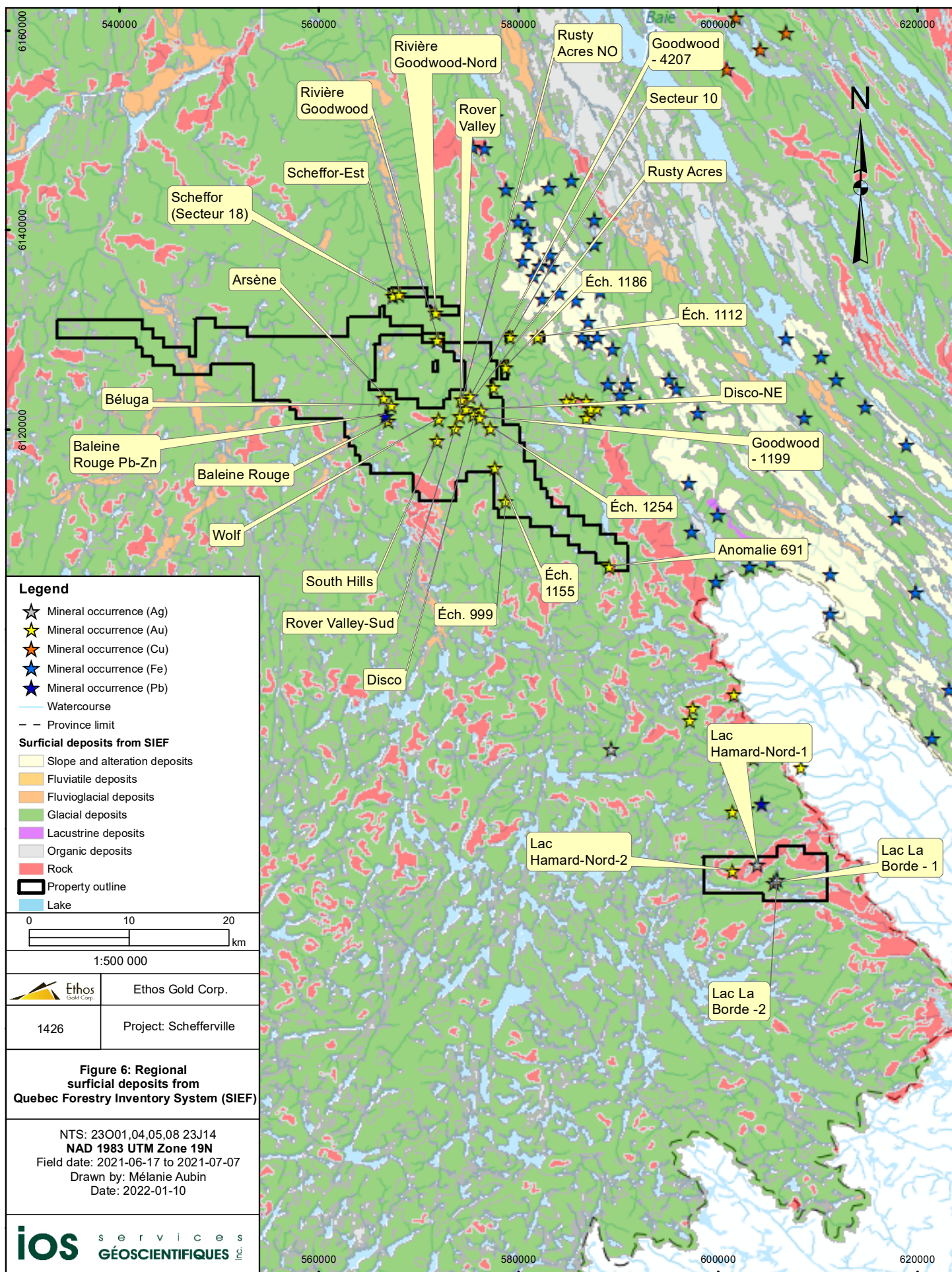
**Figure 5:** Regional ice-flow dispersion pattern, Laforce -2 - Caniapiscou reservoir area. Flow 1 would be pre-Wisconsinian prior to an interglacial period (Veillette et al., 1999). The compilation of glacial striation east of Caniapiscou Reservoir comes from Henderson, 1959; Hughes, 1964; Prest et al., 1968; Klassen and Thompson, 1988; 1993.

Debris dispersion are dominated by the last two ice-flow direction, towards the north, and then towards the south-east. This has been documented by the dispersion of nepheline syenite boulders (IOC, 1983). It is not certain which direction is dominating, which seems to varies from places to places. Landforms are seldom, although N010° drumlinoids are visible near Caniapiscou River, as well as in Hamard Lake area oriented N160°. Ice-flow directions were confirmed by striae as well as crag-and-tails by the team.

## 2021 FIELD PROGRAM

The 2021 sampling program aimed to test the efficiency of gold grain dispersion at detecting known mineral occurrences within the Schefferville project.





The program was conducted in parallel with a geological reconnaissance survey lead by Réjean Girard in alternance with Hugues Longuépée, and Gennady Ivanov, all P.Geo. They were assisted by Frédéric Lalancette, Jérémy Bournet and Jérôme Turcotte (geology and geological engineering students).

Samples were collected here and there around the selected mineral occurrences or targets, typically hundreds of metres from them and kilometres apart. A total of 57 samples, between 7 and 25 kilograms each were collected between June 21<sup>st</sup> and July 5<sup>th</sup>, 2021 (see daily reports in **appendix 1**). Samples were collected in till with hand shovel, typically at a depth between 0.5 and 1.5 metre depth. Ideally, material required to be free of any iron oxidation, below the “B2 horizon”. However, the material being locally quite sandy and permeable, it has not been possible to avoid such oxidation at every sampling site. In some instances, numerous test holes were required prior of finding suitable material. 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 numerical pad (**appendix 2, table 1**).

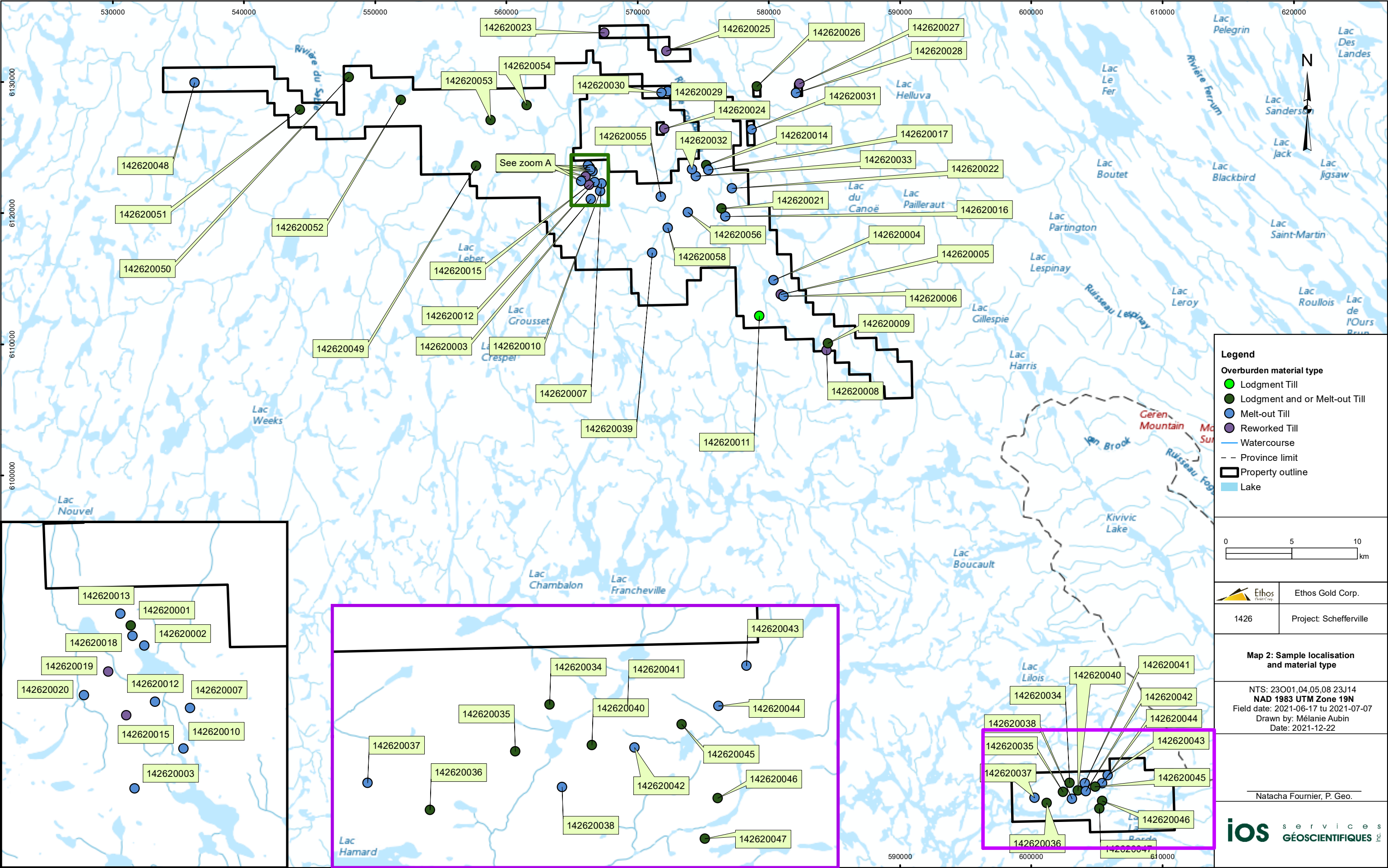
Samples were numbered as 14262xxxx. The first four digits indicate the project number; the fifth digit represents the material type, and the last four digits being sequential. Sampled material was bagged in a plastic bag, protected by a rice-bag. Sample bags were prepared in advance with sample number written on each bag (plastic and rice bag), and red flag tapes with sample number were left in the plastic bag as well as tied on the rice-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.

Samples were stored in a shed near the hotel in Schefferville, from where they were shipped by train to IOS facilities in Saguenay.

### TILL MATERIAL

Samples included 1 lodgment (basal) till, 31 melt-out tills, 17 “mixed” or hybrid tills (lodgment and/or melt-out till) and 8 samples of reworked material (**figure 7** and **map 2**).

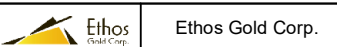
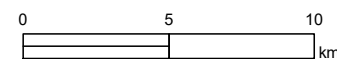




**Legend**

**Overburden material type**

- Lodgment Till
- Lodgment and or Melt-out Till
- Melt-out Till
- Reworked Till
- Watercourse
- Province limit
- Property outline
- Lake



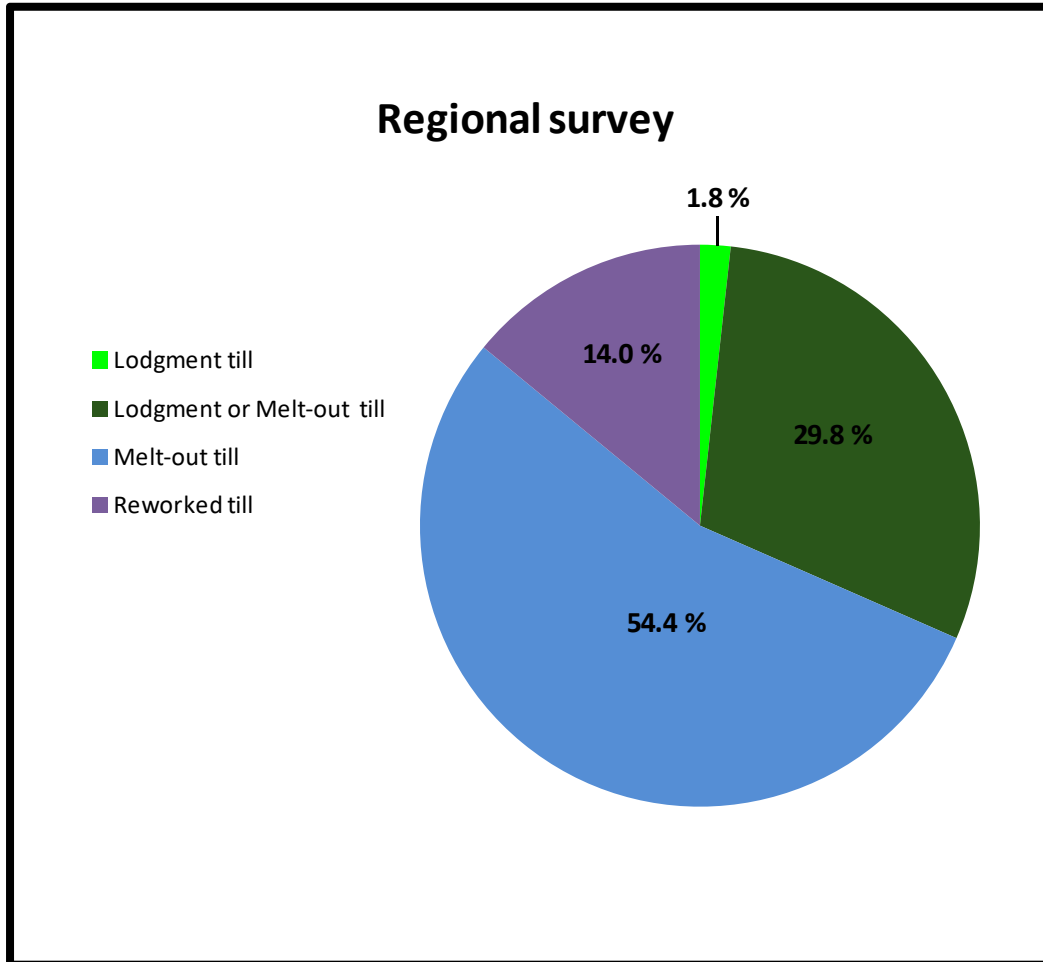
1426 Project: Schefferville

**Map 2: Sample localisation and material type**

NTS: 23O01,04.05,08 23J14  
**NAD 1983 UTM Zone 19N**  
Field date: 2021-06-17 to 2021-07-07  
Drawn by: Mélanie Aubin  
Date: 2021-12-22

Natacha Fournier, P. Geo.

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**Figure 7:** Proportion of glacial sediment types sampled during the regional survey on Schefferville project. A total of 57 samples were collected.

A single sample (142620011) has been described as a genuine lodgment till, described as a brownish oxidized sandy material with subangular clasts and 14% gravel.

What has been interpreted as melt-out tills dominate the sediments, with 31 samples. Melt-out till are slightly compact to compact, with more abundant sand, gravel and block and usually less clays than the basal till. Colours are more than lodgment till due to oxidation. Blocks and pebbles vary from angular, sub-angular to sub-rounded, washed and includes a wider range of lithologies than those of lodgment tills. Melt-out tills does not necessarily rest on top of lodgment tills in the area, being typically thin, oxidized and resting directly on bedrock.

In practice, discriminating lodgment and melt-out till can be quite tricky in the area, most sampled material being quite sandy and partly oxidized. The "mixed" or hybrid tills, accounting for 17 samples as described in the database, correspond to material that were most likely sampled at or near the contact with the lodgment till, but still containing some melt-out till. The material can include a fair amount of fine material although with a high proportion of blocks and pebbles.

Reworked tills, 8 samples, were collected in area affected by late fluvioglacial outwash, and are typically more sandy and gravelly, hence more oxidized than genuine tills (**figure 8**).

Cobbles and boulders consist of gneiss and granitoids typical of the local geology, and hence little distinctive in regard of local geology. Blocs of magnetite or silicate iron formation as well as of amphibolites are not abundant (**appendix 2, table 1**). Nepheline syenite blocks were not observed. Exotic blocs are seldom, only local fragments of the Sokoman iron formation were noted.





**Figure 8:** Reworked till as typically found on the Schefferville property. This specific sample (142620008) yielded no gold grains. Oxidation is severe and cannot be traversed since the material is directly resting on the bedrock.

## TILL SAMPLE PROCESSING

A detailed description of the sample processing protocol for automated gold grain counting is presented in **appendix 2**. For this project, the automated gold grain counting is performed by with the use of automated SEM (ARTGold™). The different steps of samples processing and it's quality control are:

- Oxalic wash.
- Wet sieving (**appendix 2, table 2a**).
- Witness sample preparation and particle size analyzer (**appendix 2, table 2b and 3**).
- Gravimetric separation using a fluidized bed for fine gold grain recovery (**appendix 2, table 2a**).
- The 100-200 micrograms superconcentrate from the fluidized bed is cleaned with tarnishing liquor, and sieved at 50 µm.
- The + 50µm fraction is submitted to visual sorting, and gold grains are extracted.
- The - 50µm is submitted to ARTGold™ automated SEM sorting.
- All detected grains are checked with a SEM and a chemical analysis is acquired.

The samples were slurried with a mixer and added with wetting agents prior to be sieved in mechanized Sweco screen at 1 mm. The -1 mm material is decanted and processed with the proprietary fluidized bed technology in order to recover the gold grains. A superconcentrate of 100-200 milligrams was typically obtained directly from the sample feed. The magnetite and other ferromagnetic minerals were removed from the superconcentrate with a hand magnet if it weight exceeded 100 mg. The superconcentrate was cleaned in a tarnishing solution.

The dried superconcentrate was sieved with a disposable 50 µm woven polyester mesh. The + 50 µm material was examined using a research grade Leica M205C apochromatic stereomicroscope allowing magnification of 102x to visually sort gold grains and other minerals of interest. Each suspected gold grain was extracted and confirmed with a scanning electron microscope (SEM). Visual sorting was made by Natacha Fournier P.Ge., and Sanmei Gao, M.Sc.

The finer fraction of the superconcentrate (- 50 µm) is dusted on a 3.5 x 3.5 cm double-sided tape to form a monolayer of grains, to be submitted to ARTGold™ automated counting.

## ARTGOLD™ CONCENTRATE ANALYSIS

ARTGold™ is an automated SEM-based routine built on the *AZtec Feature* platform (Oxford Instruments). Each superconcentrate is mounted and sent to the SEM where a mosaic of BSE (backscattered electron) images is acquired. Because of their high brightness (i.e., their high density) heavy minerals (gold, silver, platinum-group minerals, scheelite, galena, etc.) are outlined with a resolution of about 1 µm. The brightness threshold is set to be equivalent to a density of ~5 g/cc, based on reference minerals. Semi-quantitative chemical microanalyses (300,000 counts) are automatically acquired on the centre of each heavy particle. The mineralogy of these dense grains is determined by processing their chemical compositions through classification tree (**table 3**). A high-resolution BSE image is acquired for each gold and precious minerals and metals (PMM) grain (1000-2000x). The size of gold grains is measured, and the grains are photographed and classified according to their morphology. The PMM are classified according to their chemical compositions.

The acquisition settings of the SEM are similar for the analysis of the gold grains recovered by visual sorting and for the validation of the grains detected by ARTGold™. The acquisitions were performed on two different instruments, i.e., a Zeiss EVO MA15 HD LaB<sub>6</sub> equipped with an Oxford Instruments X-Max 150 mm<sup>2</sup> energy dispersive spectrometer (EDS-SDD) and a Zeiss Sigma 300 VP FEG-STEM coupled with the latest Oxford Instrument EDS-SDD Ultim-Max 170 mm<sup>2</sup> detector. These spectrometers are equipped with the latest "Silicon Drift Detector" technology allowing unprecedented sensibility and very fast X-ray counting rates, enabling quantification of all elements except hydrogen, helium and lithium. The imaging is performed using a segmented backscattered electron detector (CZBSD) to discriminate grain density. The EDS analyses are said to be semi-quantitative with the current configuration, considering that they were conducted using a short counting time, normalized to 100%, and since the spectra are deconvoluted using the factory calibration and XPP matrix corrections. The analyses were performed under variable pressure mode, with an accelerating voltage of 20 kV, a beam current of 40 µA, a working distance of 11 mm, and with a process time of 2.9 µs. The AZtec 4.2 software (Oxford Instruments) is used for deconvolution of spectra and quantification of chemical elements. Nitrogen, present in the chamber under variable pressure mode, causes the diffusion of the electron beam, which then interacts with the material adjacent to the targeted area over ~10 microns. Thus, some elements from the substrate such as carbon and chlorine have been excluded from the analyses, and the signal on the gold grain might be contaminated by the adjacent minerals



(silicates). The analyses are subsequently normalized to 100% for the range of elements of interest.

| Class         | Colour | Criteria | Minimum (%) | Primary source            |
|---------------|--------|----------|-------------|---------------------------|
| Gold          |        | Au       | 0.1         | Gold grain                |
| Platinum      |        | Pt       | 5           | PMM                       |
| Palladium     |        | Pd       | 5           | PMM                       |
| Osmium        |        | Os       | 5           | PMM                       |
| Iridium       |        | Ir       | 5           | PMM                       |
| Rhodium       |        | Rh       | 2           | PMM                       |
| Ruthenium     |        | Ru       | 2           | PMM                       |
| Silver        |        | Ag       | 5           | Ag-bearing minerals       |
| Zirconium     |        | Zr       | 10          | Zircon/baddeleyite        |
| FOX-Ti        |        | Fe-Ti    | 15-5        | Ilmenite                  |
| FOX           |        | Fe       | 20          | Iron oxyde                |
| Monazite-La   |        | La-P     | 3-1         | Monazite                  |
| Monazite-Ce   |        | Ce-P     | 3-1         | Monazite                  |
| Scheelite     |        | W-Ca     | 10-8        | Scheelite                 |
| Wolframite    |        | W-Fe     | 10-8        | Wolframite                |
| Tungsten      |        | W        | 10          | Contamination             |
| Tellurium     |        | Te       | 5           | PMM                       |
| Bismuth       |        | Bi       | 5           | Bismuthinite/Bismite      |
| Antimony      |        | Sb       | 5           | Sulfosalts                |
| Mercury       |        | Hg       | 5           | Cinnabar                  |
| Niobium       |        | Nb       | 25          | Pyrochlore/Columbite      |
| Tantalum      |        | Ta       | 10          | Tantalite                 |
| Brass (Cu-Zn) |        | Cu-Zn    | 1-1         | Contamination             |
| Thorium       |        | Th       | 20          | Thorite/Thorianite        |
| Uranium       |        | U        | 12          | Uraninite                 |
| Galena        |        | Pb-S     | 5-1         | Galena                    |
| Pb-Sn         |        | Pb-Sn    | 1-1         | Contamination             |
| Lead          |        | Pb       | 10          | Contamination?            |
| Tin           |        | Sn       | 15          | Cassiterite/Contamination |
| Ca-Mineral    |        | Ca       | 15          | Ca-bearing silicate       |
| Silicate      |        | Si       | 15          | Various silicates         |

**Table 3:** ARTGold™ automated classification. PMM = Precious minerals and metals. Solder chips are the primary source of contamination due to the wearing out of tools (e.g., sieves). Note that these minerals are from the <50 µm fraction, compared to the 63-90 µm fraction used by ARTMin procedure. Minimum (%) is the threshold abundance in wt. used by the classification tree.



Gold grain morphologies (intact, modified, reshaped, etc.) are determined from the high-resolution BSE images, using the ARTMorph artificial intelligence image processing routine. The results of the classification are provided with the grain analysis. The classification is based on Girard et *al.* (2021) classification scheme, inspired from DiLabio 1990, regarding the shape changes induced by transport (**appendix 3**). Classification into morphotypes is in excess of 90% correct compared to a properly trained geoscientist. The classification is subsequently verified by a trained geologist and detected misclassifications are corrected.

The weights of gold grains are corrected for fineness and density and estimated by using grain size and a form factor (the Corey factor). The grain weights are then compared to the weight of the original till sample to calculate the recovered gold grade. No correction for instrumental recovery rate in regard of grain sizes and no correction for asymmetrical probabilistic distributions are made.

The sizes, morphological parameters, Corey factors, volumes, corrected masses, and chemical compositions of the gold grains are stored in a database. The high-resolution image is extracted and linked to the database, enabling the creation of grain mosaics.

Although the ARTGold™ procedure was developed for gold grain counting, it has the capability to detect any minerals with a density in excess of 5 g/cc. Consequently, a routine for detailed characterization, including high magnification BSE images and semi-quantitative EDS analyses, is triggered by the detection of platinum group metals (PGM) and other precious metals in minerals, enabling the analysis and imaging of PGM and other precious metal-bearing minerals (PMM), including silver minerals. Based on their analysis, these grains are classified in a variety of mineral species and alloys. The recovery rate of these minerals has never been quantified.

All other dense minerals that are detected by BSE are classified by Aztec with the use of the classification tree. Semi-quantitative analysis are acquired but not corrected for interfering elements or contamination from adjacent minerals. No high-resolution images are acquired. Consequently, group of adjacent pixels with similar BSE brightness are considered as single counts, and duplicates are not discriminated. These results shall be used with care, since analyses are not corrected, counts are typically overestimated, and the constancy of their recovery by the fluidized bed remains uncertain. Furthermore, grains with densities <7 g/cc can be missed by the BSE discrimination in the event of beam current drift or shadowing issues.

## QUALITY CONTROL

Quality control procedures were implemented at almost every processing step:

- Sample and sample tag photographs at sampling site.
- Mass balance at wet sieving (**appendix 2, table 2a**).
- 10% of the + 50  $\mu\text{m}$  concentrates, including all those with 2 or more grains, are visually resorted (**appendix 3**).
- Reprocessing the tails with the fluidized bed one out of 10 samples. Grain counting is performed on these second superconcentrates, and recovery statistics are maintained. Grains counts are added to first pass results (**appendix 2, table 4**).
- Quality control on particle size analyzer (**appendix 2, tables 5a to 5d**).

## INTERPRETATION

### TILL COMPOSITION

Till is made of crushed and grinded bedrock, and is typically highly heterogeneous both in composition and grain size. Bedrock composition can be evaluated through pebble composition. Although no accurate pebble counting has been performed on current samples, pebbles composition is reported by sampler as being quite homogenous and representative of the local geology

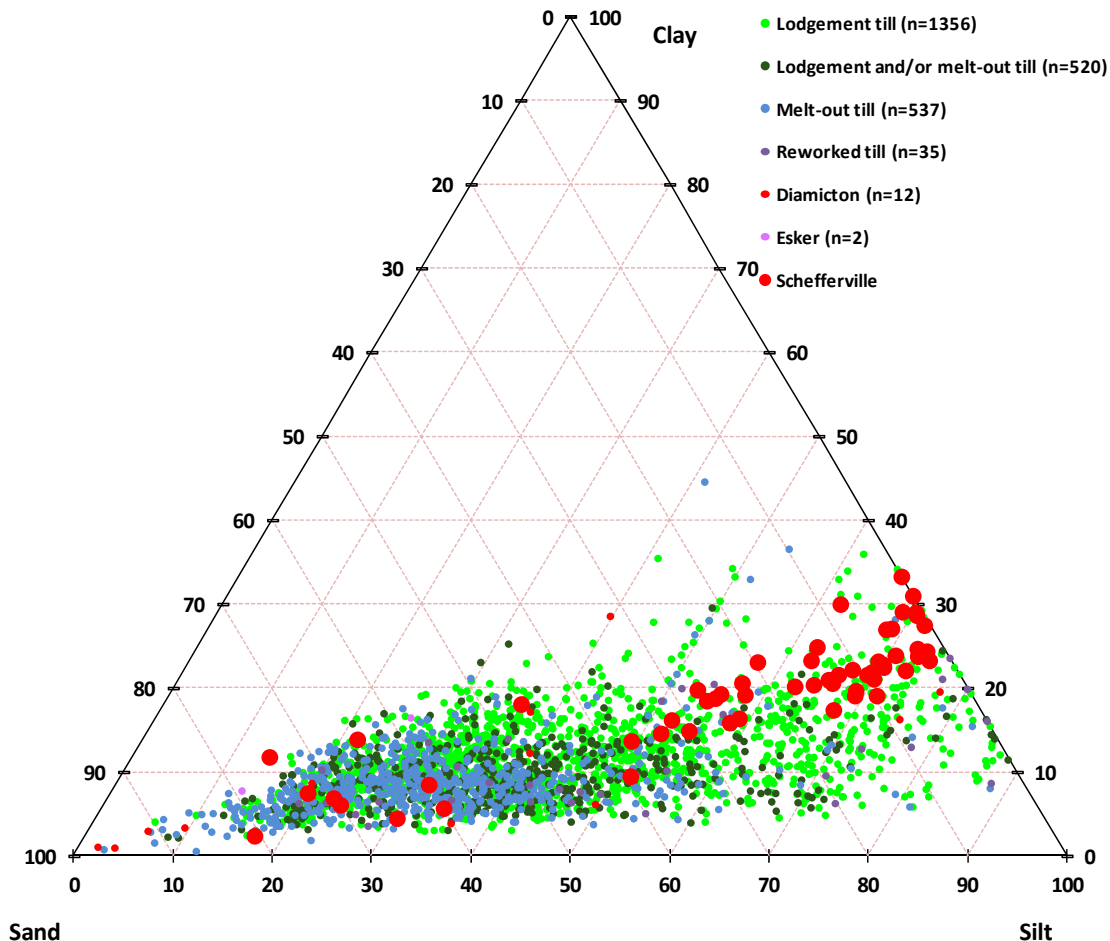
Grain size distribution of the till material reflects the transport process that is affecting it. Lodgment till, considered as the best material, is made of material that has been ground from eroded basement. It's level of comminution relates to original rock grain size and friability, as well as to transport distance, up to the terminal grain size. Lodgment till is typically clay-silt rich if eroded from volcanic and sediments, and more silt-sand rich if eroded from granitic or gneissic bedrocks as in the current area. Melt-out till is typically derived from lodgment till that has been incorporated in the ice and transported with it. Being deposited in the course of ice melting, fine particles are typically elutriated by melt water, and the remaining material is depleted in clays and consequently sand rich. However, since the local geology is dominated by coarse crystalline rocks, only limited clay is expected even in lodgment till, and difference between lodgment and melt-out till can be difficult to see.

Proportions of sand, silt and clays in the sample material were measured with the laser grain-sizer (**appendix 2, tables 2b and 3**) and used to evaluate till composition. Most tills have composition with a silt to clay ratio of 3:1, with variable abundance of sand, thus defining an elongated cluster on the clay-silt-sand ternary diagram (**figure 9**). The intensity of elutriation of fine particles or other sorting effect is suggested by sand versus clay and silt proportion. Recall that the definition of a lodgment or ablation till does not depend on its granulometric composition only.

The particle size curves were calculated on every sample and sand-silt-clay ratios plotted on the ternary diagram (**figure 9**). The composition of the current samples is highly unusual, many of which are being poor to nearly devoid of sand-size particle, between approximately 100 to 1000  $\mu\text{m}$ . As seen on curves in **appendix 2, table 3**, a bimodal grain size distribution is noted, with a first population in clay size particle (1  $\mu\text{m}$ ), and a second prominent population which is silt size at about 30  $\mu\text{m}$ . The clay to silt ratio is rather constant at 1:2, with variable proportion of sand, defining a clear trend on clay-silt-sand ternary plot. In these samples, the sand (>100  $\mu\text{m}$ ) proportion is typically lesser than 20%, and less than 1% in numerous samples, which is abnormally low for tills. The lack of sand-size fraction is further abnormal since these materials have a significant proportion of grits and other coarser particles, estimated at an average of 22% in the field, at an average of 32% at laboratory sieving. While the clay-silt ratio is quite similar to a typical glacial sediment, the lack of sand is shifting the composition out of typical range of glacial sediments. Such sand-free composition is more typical of glaciolacustrine or glaciomarine clays, such as the Ojibway ILke sediments from Northern Abitibi. But such clays are free of clasts (coarse sand, grits and pebbles), while accounting for more than 30% in current project. Further intriguing is that most of these materials were described by the various geologists as quite sandy in the field, with an average visual estimate of about 60% sand. Such bimodal distribution, with silty-clays and coarser, free of sand fraction, is highly unusual, and has been described only in the current area. Verifications were conducted to verify such results do not relate to laboratory issues, an issue that has been ruled out. Such unusual composition has been obtained in samples collected in the same area from another survey, and seems to be a regional characteristic.

No convincing explanation for the unusual grain size distribution can be offered, since the erosion of a crystalline basement, such as the Ashuanipi Complexe, shall have generated a sand-rich till. One possible explanation is that the till originate from the erosion of a cretaceous paleoregolith developed on the basement, which paleoregolith has been described here and there in the Schefferville area. Another explanation is that the current glacial sediments are dominated by glaciolacustrine sediments that were

recycled by subsequent glacial re-advance, but no evidence of such former glaciolacustrine deposit is currently reported.



**Figure 9:** Ternary diagram opposing the proportions of sand and gravel, silt and granulometric clay in the samples. The composition has a quite constant clay-silt ratio typical of glacial sediment, but is lacking the sand fractions. This composition seems to be a regional characteristic, and no convincing explanation can be offered. Small dots represent a compilation of tills composition from various area of the Canadian Shield, from which the current offset is obvious.



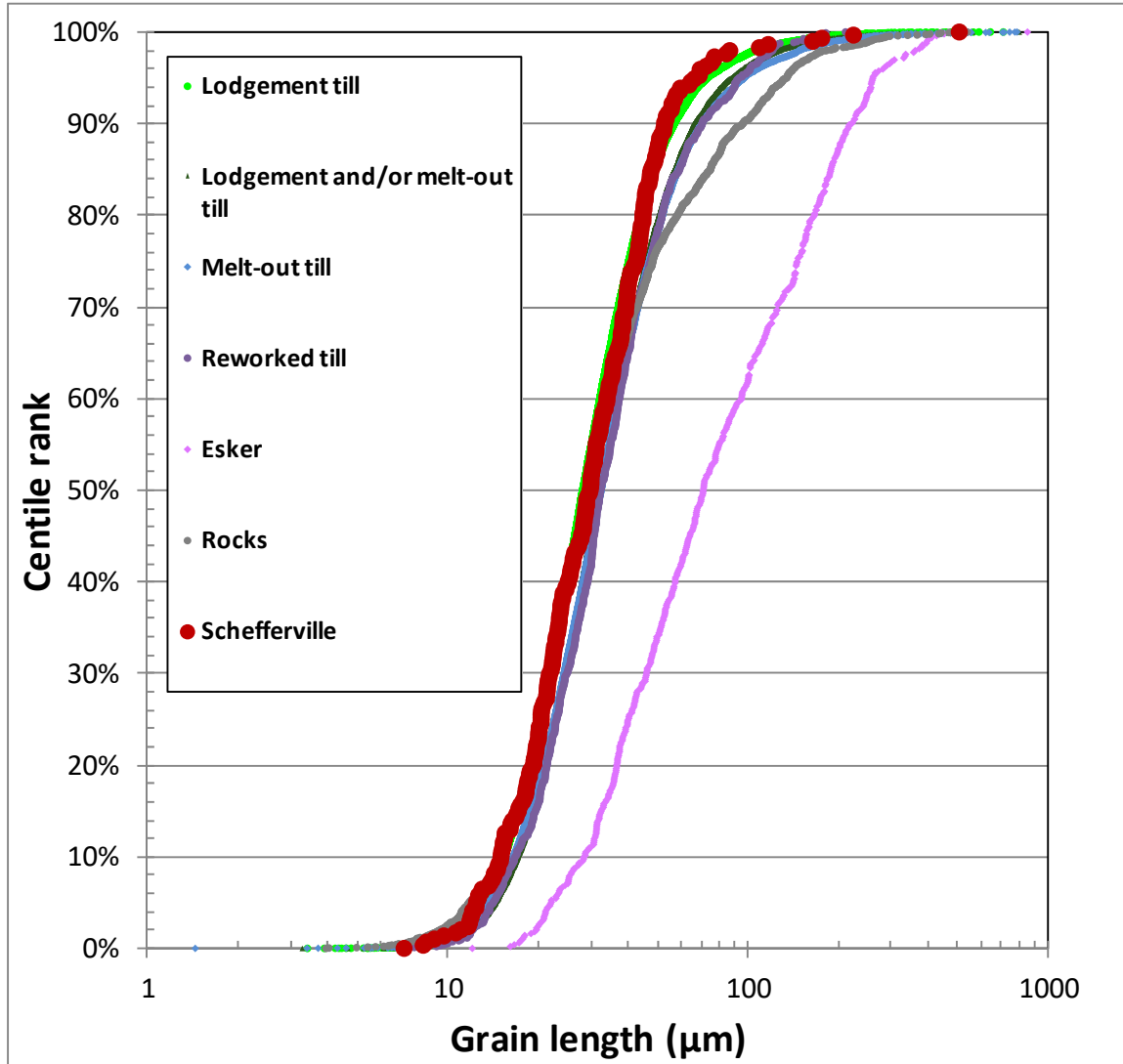
## GOLD GRAIN SIZE DISTRIBUTION

Based on BSE high resolution images, the sizes of individual grains are measured with an accuracy of approximately 0.1  $\mu\text{m}$ . This distribution is surprisingly constant between the various survey conducted in the Superior Craton. However, this distribution can be affected by the loss of fine grains, either in the course of natural elutriation in the material, or through laboratory procedure. However, the mineral occurrences in the Ashuanipi area is typically affected by intense granulite facies metamorphism, which is expected to cause coarsening recrystallization of the gold. Such coarse nature is indicated by the erratic distribution of grades in rocks with abundant nugget effect.

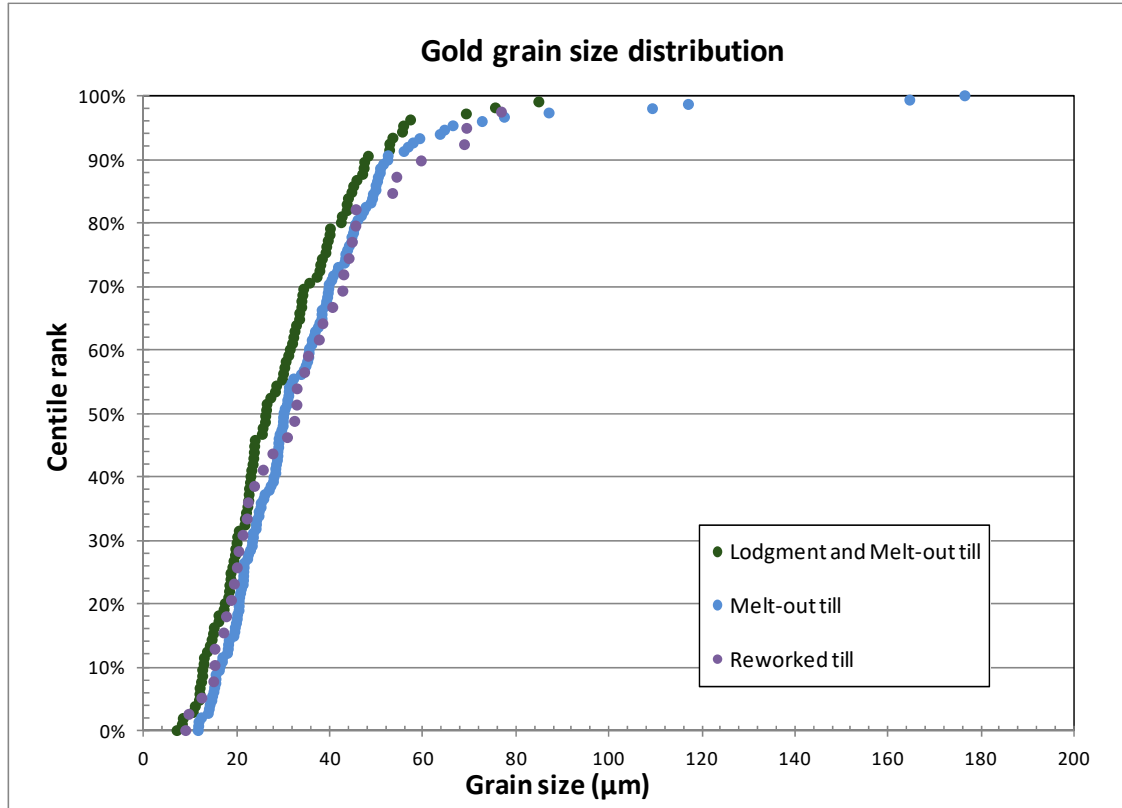
The current set of samples has a gold grain size distribution that is quite similar to most other projects in the Canadian Shield (**figure 10**). The average grain length of 35.54  $\mu\text{m}$  (average ECD of 26.66  $\mu\text{m}$ ), median of 29.87  $\mu\text{m}$  are very close to a typical lodgment till from other survey across the Superior Carton (Girard et al., 2021). Such conformity of grain size distribution first means that no fine gold grain recovery issues occurred in the course of sample processing, providing confidence in results. Second, it suggests that coarse gold grain are not abnormally abundant compared to other orogenic gold deposits, and that the issue of nuggetty distribution induced by metamorphism has been exaggerated.

No significant difference in grain size distribution is observed in the current sample set, between the different types of glacial sediments. This suggests that no detectable grain losses occurred in the course of natural elutriation. Median size for gold grains from melt-out till is of 30.20  $\mu\text{m}$ , compared to 26.33  $\mu\text{m}$  in hybrid tills and 32.71  $\mu\text{m}$  in reworked till (**figure 11**).

It is uncertain how the observed gold grain size distribution relates to the abnormal grain size distribution of the material, and if coarser gold grain abundance might have been depleted along with overall sandy material absence.



**Figure 10:** Gold grain size distribution obtained from the current set of samples (red thick line) compared to the various type of sediments collected by the author's team in glacial sediments across the superior Craton.



**Figure 11:** Gold grain size distribution on a centile cumulative plot for the various types of glacial sediments. We observe that there is a little more elutriation for the melt-out and reworked till. For others till type, no significant differences are noted between till type, meaning that elutriation of fine gold particle is negligible.

## GOLD GRAINS ABUNDANCE

In the current survey, 295 gold grains were recovered from 57 samples, returning an average of 5.18 grains per sample and normalizing to 6.07 grains per 10 kg samples, for < 1 mm sieved material (**figure 12**). A total of 9 gold grains (3.0%) are >50 μm and were recovered manually, whereas 286 gold grains (97.0%) were detected using the SEM routine, from the 0-50 μm fraction (**table 4**). According to our experience, counts from the optical sorting are typically comparable to what would have been obtained by conventional methods used by other laboratories. Since the method used is far more sensitive than the ones used for historic surveys, direct comparisons of the results is not recommended.

| Sample    | Number of gold grains |                                   |             |               |        |             |       |          |          |       | Comment                                                                                      | UTMX<br>(nad 83) | UTMY<br>(nad 83) | Initial weight<br>wet<br>sieving<br>(kg) | Weight of the<br>fine<br>fraction <<br>1mm (kg) | Ratio of grain / kg<br>(initial<br>weight<br>W.S.) | Ratio of grain / 10<br>kg<br>fraction <<br>1 mm | Equivalent<br>gold mass<br>concentration<br>(ppb) |
|-----------|-----------------------|-----------------------------------|-------------|---------------|--------|-------------|-------|----------|----------|-------|----------------------------------------------------------------------------------------------|------------------|------------------|------------------------------------------|-------------------------------------------------|----------------------------------------------------|-------------------------------------------------|---------------------------------------------------|
|           | Visual<br>evaluation  | ARTGold<br>Automated<br>detection | Morphology  |               |        |             |       |          |          |       |                                                                                              |                  |                  |                                          |                                                 |                                                    |                                                 |                                                   |
|           |                       |                                   | Pristine    |               |        |             |       | Modified | Reshaped | Total |                                                                                              |                  |                  |                                          |                                                 |                                                    |                                                 |                                                   |
|           | 50-1000 µm            | 0-50 µm                           | Crystalline | Intergranular | Mutual | Remobilized | Total |          |          |       |                                                                                              |                  |                  |                                          |                                                 |                                                    |                                                 |                                                   |
| 142620001 | 0                     | 6                                 | 0           | 1             | 0      | 2           | 3     | 3        | 0        | 6     |                                                                                              | 566373           | 6123462          | 10.621                                   | 6.883                                           | 0.6                                                | 8.7                                             | 0.12                                              |
| 142620002 | 0                     | 9                                 | 2           | 0             | 0      | 0           | 2     | 7        | 0        | 9     |                                                                                              | 566575           | 6123165          | 12.250                                   | 7.618                                           | 0.7                                                | 11.8                                            | 0.12                                              |
| 142620003 | 1                     | 11                                | 1           | 2             | 0      | 0           | 3     | 9        | 0        | 12    |                                                                                              | 566429           | 6121070          | 12.458                                   | 7.637                                           | 1.0                                                | 15.7                                            | 5.28                                              |
| 142620004 | 0                     | 9                                 | 0           | 0             | 0      | 0           | 0     | 9        | 0        | 9     |                                                                                              | 580359           | 6114879          | 10.783                                   | 6.921                                           | 0.8                                                | 13.0                                            | 0.29                                              |
| 142620005 | 0                     | 10                                | 1           | 2             | 0      | 3           | 6     | 4        | 0        | 10    |                                                                                              | 580907           | 6113798          | 17.521                                   | 12.024                                          | 0.6                                                | 8.3                                             | 0.06                                              |
| 142620006 | 0                     | 4                                 | 0           | 0             | 0      | 1           | 1     | 3        | 0        | 4     |                                                                                              | 581122           | 6113672          | 17.596                                   | 11.619                                          | 0.2                                                | 3.4                                             | 0.07                                              |
| 142620007 | 0                     | 16                                | 1           | 3             | 0      | 1           | 5     | 11       | 0        | 16    |                                                                                              | 567246           | 6122251          | 19.138                                   | 11.961                                          | 0.8                                                | 13.3                                            | 0.19                                              |
| 142620008 | 0                     | 2                                 | 0           | 0             | 0      | 0           | 0     | 2        | 0        | 2     | Weigh of the fine fraction (< 1 mm) of wet sieving, weight with possibly a portion of water. | 584396           | 6109528          | 9.887                                    | 6.201                                           | 0.2                                                | 3.2                                             | 0.13                                              |
| 142620009 | 0                     | 3                                 | 0           | 0             | 0      | 1           | 1     | 2        | 0        | 3     |                                                                                              | 584515           | 6110061          | 7.017                                    | 2.892                                           | 0.4                                                | 10.3                                            | 0.10                                              |
| 142620010 | 0                     | 6                                 | 0           | 0             | 0      | 3           | 3     | 3        | 0        | 6     |                                                                                              | 567149           | 6121653          | 20.026                                   | 13.255                                          | 0.3                                                | 4.5                                             | 0.08                                              |
| 142620011 | 0                     | 0                                 | 0           | 0             | 0      | 0           | 0     | 0        | 0        | 0     |                                                                                              | 579268           | 6112166          | 8.471                                    | 5.528                                           | 0.0                                                | 0.0                                             | 0.00                                              |
| 142620012 | 0                     | 10                                | 0           | 1             | 0      | 0           | 1     | 9        | 0        | 10    |                                                                                              | 566733           | 6122341          | 18.676                                   | 11.716                                          | 0.5                                                | 8.5                                             | 0.23                                              |
| 142620013 | 0                     | 0                                 | 0           | 0             | 0      | 0           | 0     | 0        | 0        | 0     |                                                                                              | 566221           | 6123632          | 10.768                                   | 7.003                                           | 0.0                                                | 0.0                                             | 0.00                                              |
| 142620014 | 1                     | 23                                | 3           | 3             | 2      | 1           | 9     | 15       | 0        | 24    |                                                                                              | 575229           | 6123635          | 14.721                                   | 13.245                                          | 1.6                                                | 18.1                                            | 1.55                                              |
| 142620015 | 0                     | 10                                | 0           | 2             | 0      | 1           | 3     | 7        | 0        | 10    |                                                                                              | 566308           | 6122143          | 13.946                                   | 9.528                                           | 0.7                                                | 10.4                                            | 0.16                                              |
| 142620016 | 0                     | 4                                 | 0           | 0             | 0      | 0           | 0     | 4        | 0        | 4     |                                                                                              | 576697           | 6119731          | 15.098                                   | 10.336                                          | 0.3                                                | 3.8                                             | 0.09                                              |
| 142620017 | 0                     | 3                                 | 0           | 0             | 0      | 0           | 0     | 3        | 0        | 3     |                                                                                              | 575386           | 6123290          | 15.203                                   | 6.445                                           | 0.2                                                | 4.6                                             | 0.06                                              |
| 142620018 | 0                     | 5                                 | 0           | 0             | 0      | 0           | 0     | 5        | 0        | 5     |                                                                                              | 566401           | 6123307          | 15.170                                   | 10.881                                          | 0.3                                                | 4.5                                             | 0.16                                              |
| 142620019 | 0                     | 4                                 | 0           | 0             | 0      | 1           | 1     | 3        | 0        | 4     |                                                                                              | 566043           | 6122783          | 7.663                                    | 5.074                                           | 0.5                                                | 7.8                                             | 0.08                                              |
| 142620020 | 0                     | 2                                 | 0           | 1             | 0      | 0           | 1     | 1        | 0        | 2     |                                                                                              | 565691           | 6122436          | 7.337                                    | 4.966                                           | 0.3                                                | 4.0                                             | 0.13                                              |
| 142620021 | 0                     | 11                                | 0           | 1             | 0      | 1           | 2     | 9        | 0        | 11    |                                                                                              | 576394           | 6120334          | 14.650                                   | 9.843                                           | 0.8                                                | 11.1                                            | 0.24                                              |
| 142620022 | 0                     | 2                                 | 0           | 0             | 0      | 0           | 0     | 2        | 0        | 2     |                                                                                              | 577193           | 6121870          | 10.886                                   | 6.775                                           | 0.2                                                | 2.9                                             | 0.09                                              |
| 142620023 | 2                     | 1                                 | 0           | 0             | 1      | 0           | 1     | 2        | 0        | 3     |                                                                                              | 567483           | 6133733          | 24.048                                   | 10.980                                          | 0.1                                                | 2.7                                             | 0.37                                              |
| 142620024 | 0                     | 2                                 | 0           | 0             | 0      | 0           | 0     | 2        | 0        | 2     |                                                                                              | 572044           | 6126412          | 13.556                                   | 7.260                                           | 0.1                                                | 2.7                                             | 0.04                                              |
| 142620025 | 1                     | 7                                 | 0           | 2             | 0      | 0           | 2     | 6        | 0        | 8     | A large grain of gold increases the calculation of the concentration.                        | 572205           | 6132328          | 14.490                                   | 8.682                                           | 0.6                                                | 9.2                                             | 27.57                                             |
| 142620026 | 0                     | 3                                 | 1           | 0             | 0      | 0           | 1     | 2        | 0        | 3     |                                                                                              | 579095           | 6129640          | 15.166                                   | 9.472                                           | 0.2                                                | 3.1                                             | 0.08                                              |
| 142620027 | 0                     | 1                                 | 0           | 1             | 0      | 0           | 1     | 0        | 0        | 1     |                                                                                              | 582349           | 6129854          | 15.414                                   | 7.424                                           | 0.1                                                | 1.3                                             | 0.01                                              |
| 142620028 | 0                     | 1                                 | 0           | 0             | 0      | 0           | 0     | 1        | 0        | 1     |                                                                                              | 582078           | 6129146          | 15.035                                   | 7.006                                           | 0.1                                                | 1.4                                             | 0.04                                              |
| 142620029 | 0                     | 0                                 | 0           | 0             | 0      | 0           | 0     | 0        | 0        | 0     |                                                                                              | 572305           | 6129271          | 14.202                                   | 9.534                                           | 0.0                                                | 0.0                                             | 0.00                                              |
| 142620030 | 0                     | 11                                | 1           | 2             | 0      | 0           | 3     | 8        | 0        | 11    |                                                                                              | 571820           | 6129162          | 15.151                                   | 9.929                                           | 0.7                                                | 11.0                                            | 0.12                                              |
| 142620031 | 0                     | 11                                | 0           | 1             | 0      | 2           | 3     | 8        | 0        | 11    |                                                                                              | 578709           | 6126364          | 19.351                                   | 13.159                                          | 0.6                                                | 8.3                                             | 0.09                                              |
| 142620032 | 0                     | 6                                 | 0           | 0             | 0      | 1           | 1     | 5        | 0        | 6     |                                                                                              | 574155           | 6123333          | 14.357                                   | 9.850                                           | 0.4                                                | 6.0                                             | 0.45                                              |
| 142620033 | 0                     | 0                                 | 0           | 0             | 0      | 0           | 0     | 0        | 0        | 0     |                                                                                              | 574434           | 6122797          | 15.650                                   | 8.987                                           | 0.0                                                | 0.0                                             | 0.00                                              |
| 142620034 | 0                     | 9                                 | 1           | 2             | 0      | 2           | 5     | 4        | 0        | 9     |                                                                                              | 602925           | 6076577          | 17.627                                   | 9.545                                           | 0.5                                                | 9.4                                             | 0.10                                              |
| 142620035 | 0                     | 7                                 | 2           | 1             | 0      | 0           | 3     | 4        | 0        | 7     |                                                                                              | 602424           | 6075888          | 17.721                                   | 10.221                                          | 0.4                                                | 6.8                                             | 0.07                                              |
| 142620036 | 0                     | 2                                 | 0           | 0             | 0      | 1           | 1     | 1        | 0        | 2     |                                                                                              | 601174           | 6075031          | 12.063                                   | 7.529                                           | 0.2                                                | 2.6                                             | 0.02                                              |
| 142620037 | 3                     | 5                                 | 0           | 0             | 0      | 1           | 1     | 7        | 0        | 8     |                                                                                              | 600262           | 6075430          | 11.166                                   | 5.837                                           | 0.7                                                | 13.7                                            | 5.74                                              |
| 142620038 | 0                     | 1                                 | 0           | 0             | 0      | 0           | 0     | 1        | 0        | 1     |                                                                                              | 603108           | 6075367          | 8.259                                    | 5.262                                           | 0.1                                                | 1.9                                             | 0.03                                              |
| 142620039 | 0                     | 2                                 | 0           | 0             | 0      | 0           | 0     | 2        | 0        | 2     |                                                                                              | 571127           | 6116965          | 11.979                                   | 5.939                                           | 0.2                                                | 3.3                                             | 0.03                                              |
| 142620040 | 0                     | 3                                 | 0           | 1             | 0      | 1           | 2     | 1        | 0        | 3     |                                                                                              | 603549           | 6075981          | 9.102                                    | 5.433                                           | 0.3                                                | 5.5                                             | 0.03                                              |
| 142620041 | 0                     | 3                                 | 0           | 2             | 0      | 1           | 3     | 0        | 0        | 3     |                                                                                              | 604071           | 6076548          | 8.644                                    | 5.393                                           | 0.3                                                | 5.5                                             | 0.03                                              |
| 142620042 | 0                     | 5                                 | 0           | 1             | 0      | 1           | 2     | 3        | 0        | 5     |                                                                                              | 604175           | 6075947          | 11.114                                   | 6.318                                           | 0.4                                                | 7.9                                             | 0.07                                              |
| 142620043 | 0                     | 7                                 | 1           | 2             | 0      | 1           | 4     | 3        | 0        | 7     |                                                                                              | 605813           | 6077143          | 11.760                                   | 7.260                                           | 0.6                                                | 9.6                                             | 0.25                                              |
| 142620044 | 0                     | 0                                 | 0           | 0             | 0      | 0           | 0     | 0        | 0        | 0     |                                                                                              | 605401           | 6076554          | 10.566                                   | 5.541                                           | 0.0                                                | 0.0                                             | 0.00                                              |
| 142620045 | 0                     | 7                                 | 0           | 2             | 0      | 1           | 3     | 4        | 0        | 7     |                                                                                              | 604863           | 6076285          | 13.022                                   | 7.188                                           | 0.5                                                | 9.7                                             | 0.04                                              |
| 142620046 | 0                     | 5                                 | 1           | 0             | 0      | 1           | 2     | 3        | 0        | 5     |                                                                                              | 605393           | 6075201          | 10.643                                   | 6.355                                           | 0.5                                                | 7.8                                             | 0.11                                              |
| 142620047 | 0                     | 2                                 | 0           | 0             | 0      | 0           | 0     | 2        | 0        | 2     |                                                                                              | 605202           | 6074611          | 8.951                                    | 5.530                                           | 0.2                                                | 3.6                                             | 0.01                                              |
| 142620048 | 0                     | 2                                 | 1           | 0             | 0      | 0           | 1     | 1        | 0        | 2     |                                                                                              | 536258           | 6129935          | 10.369                                   | 7.585                                           | 0.2                                                | 2.6                                             | 0.03                                              |
| 142620049 | 0                     | 4                                 | 0           | 0             | 0      | 0           | 0     | 4        | 0        | 4     |                                                                                              | 557696           | 6123595          | 11.856                                   | 8.369                                           | 0.3                                                | 4.7                                             | 0.01                                              |
| 142620050 | 0                     | 10                                | 1           | 0             | 0      | 1           | 2     | 8        | 0        | 10    |                                                                                              | 548007           | 6130357          | 12.016                                   | 7.922                                           | 0.8                                                | 12.6                                            | 0.08                                              |
| 142620051 | 0                     | 3                                 | 0           | 0             | 0      | 1           | 1     | 2        | 0        | 3     |                                                                                              | 544287           | 6127865          | 10.860                                   | 8.305                                           | 0.3                                                | 3.6                                             | 0.16                                              |

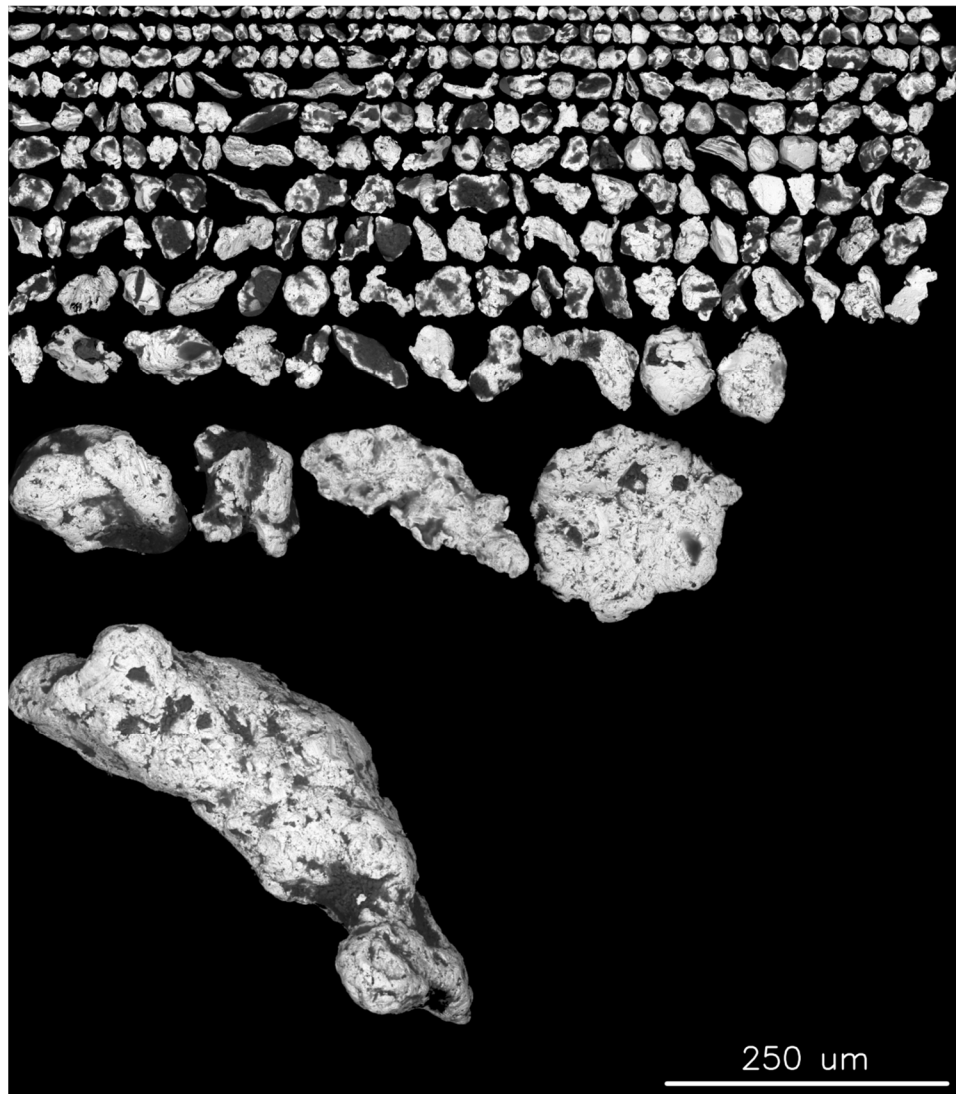
**Table 4:** Summary of gold grains extracted from the ARTGold™ process.



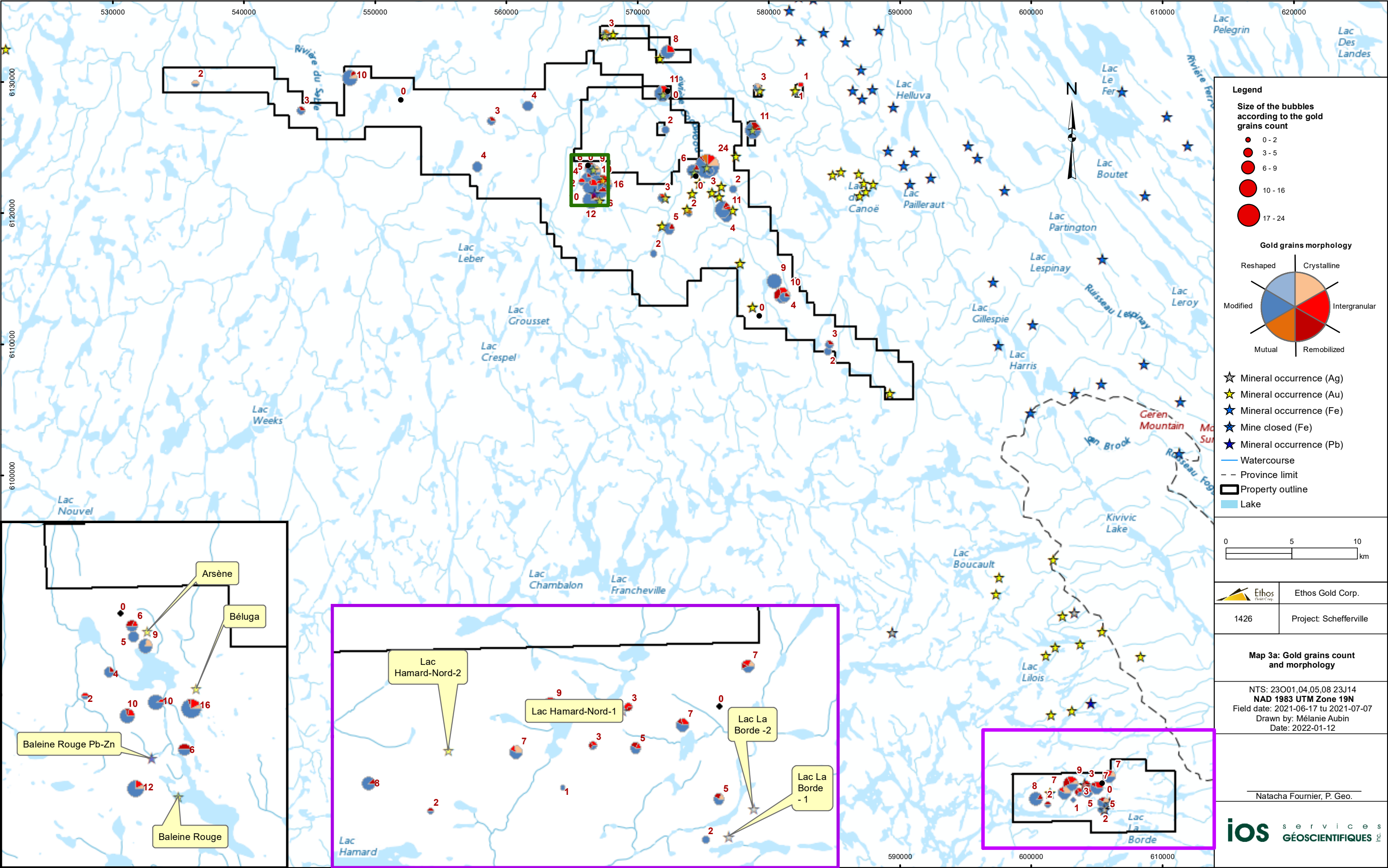
| Sample     |                   |                     | Number of gold grains |        |             |       |      |          |          |       |         |               |               |                                 |                                        |                                           |                                        |                                          |  |  |  |
|------------|-------------------|---------------------|-----------------------|--------|-------------|-------|------|----------|----------|-------|---------|---------------|---------------|---------------------------------|----------------------------------------|-------------------------------------------|----------------------------------------|------------------------------------------|--|--|--|
|            |                   | ARTGold             | Morphology            |        |             |       |      |          |          |       |         |               |               |                                 |                                        |                                           |                                        |                                          |  |  |  |
|            | Visual evaluation | Automated detection | Pristine              |        |             |       |      | Modified | Reshaped | Total | Comment | UTMX (nad 83) | UTMY (nad 83) | Initial weight wet sieving (kg) | Weight of the fine fraction < 1mm (kg) | Ratio of grain / kg (initial weight W.S.) | Ratio of grain / 10 kg fraction < 1 mm | Equivalent gold mass concentration (ppb) |  |  |  |
| 50-100 µm  | 0-50 µm           | Crystalline         | Intergranular         | Mutual | Remobilized | Total |      |          |          |       |         |               |               |                                 |                                        |                                           |                                        |                                          |  |  |  |
| 142620052  | 0                 | 0                   | 0                     | 0      | 0           | 0     | 0    | 0        | 0        | 0     |         | 551951        | 6128613       | 9.729                           | 7.204                                  | 0.0                                       | 0.0                                    | 0.00                                     |  |  |  |
| 142620053  | 0                 | 3                   | 0                     | 0      | 0           | 1     | 1    | 2        | 0        | 3     |         | 558805        | 6127071       | 12.770                          | 9.676                                  | 0.2                                       | 3.1                                    | 0.07                                     |  |  |  |
| 142620054  | 0                 | 4                   | 0                     | 0      | 0           | 0     | 0    | 4        | 0        | 4     |         | 561566        | 6128207       | 12.674                          | 8.843                                  | 0.3                                       | 4.5                                    | 0.10                                     |  |  |  |
| 142620055  | 0                 | 3                   | 0                     | 1      | 0           | 0     | 1    | 2        | 0        | 3     |         | 571775        | 6121242       | 13.303                          | 7.349                                  | 0.2                                       | 4.0                                    | 0.02                                     |  |  |  |
| 142620056  | 0                 | 2                   | 0                     | 0      | 1           | 0     | 1    | 1        | 0        | 2     |         | 573829        | 6120060       | 13.347                          | 7.778                                  | 0.1                                       | 2.5                                    | 0.01                                     |  |  |  |
| 142620058  | 1                 | 4                   | 0                     | 0      | 0           | 1     | 1    | 4        | 0        | 5     |         | 572316        | 6118868       | 11.992                          | 6.751                                  | 0.4                                       | 7.4                                    | 0.62                                     |  |  |  |
| Total      | 9                 | 286                 | 17                    | 34     | 4           | 32    | 87   | 208      | 0        | 295   |         |               |               |                                 |                                        |                                           |                                        |                                          |  |  |  |
| Proportion | 3.1               | 96.9                | 5.8                   | 11.5   | 1.4         | 10.8  | 29.5 | 70.5     | 0.0      | 100.0 |         |               |               |                                 |                                        |                                           |                                        |                                          |  |  |  |

**Table 4:** Summary of gold grains extracted from the ARTGold™ process.

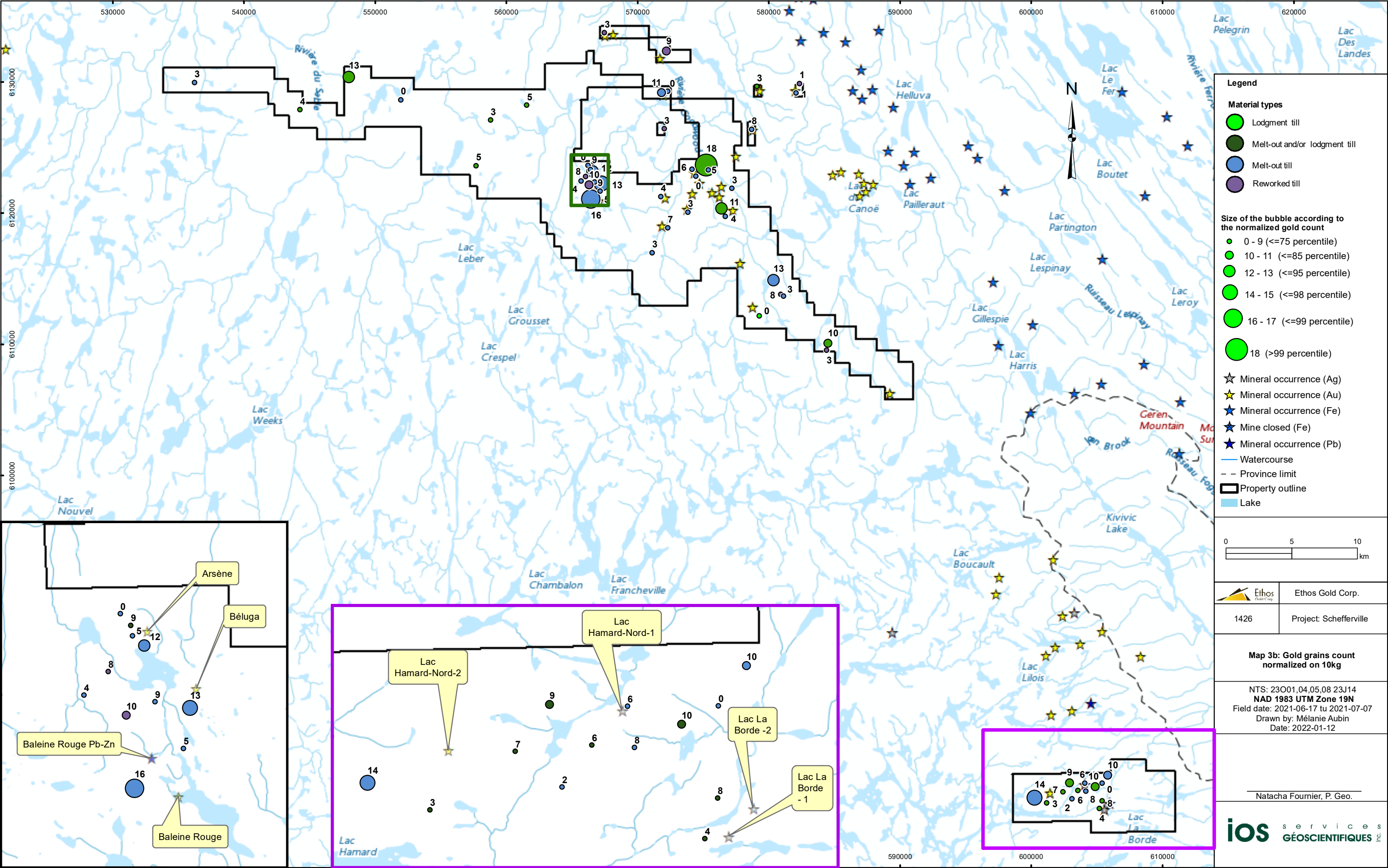
The distribution of gold grains on the property and their morphology are provided on **map 3a**. Normalization of the counts is required to allow comparison between samples, or with samples from other surveys. The counts normalized for a 10 kg of material passing 1 mm and are presented in **table 4**. Relation between normalized and raw counts is provided on **figure 13**. Normalized count distribution is presented on **map 3b**.



**Figure 12:** Mosaic of backscattered electron image of all 295 gold grains recovered manually ( $>50\ \mu\text{m}$ ) and using the SEM ( $<50\ \mu\text{m}$ ), from the Schefferville 2021 samples. The grain sizes range from 5.17 to 506.93  $\mu\text{m}$  in length. Blunt shapes and pitted textures, distinctively visible on some larger grains, are typical of grains that have been deformed and from which silver has been dissolved during transport in glacial sediments.







**Legend**

**Material types**

- Lodgment till
- Melt-out and/or lodgment till
- Melt-out till
- Reworked till

**Size of the bubble according to the normalized gold count**

- 0 - 9 (<=75 percentile)
- 10 - 11 (<=85 percentile)
- 12 - 13 (<=95 percentile)
- 14 - 15 (<=98 percentile)
- 16 - 17 (<=99 percentile)
- 18 (>99 percentile)

- ★ Mineral occurrence (Ag)
- ★ Mineral occurrence (Au)
- ★ Mineral occurrence (Fe)
- ★ Mine closed (Fe)
- ★ Mineral occurrence (Pb)
- Watercourse
- - Province limit
- ▭ Property outline
- ▭ Lake

0510km

Ethos Gold Corp.

1426Project: Schefferville

**Map 3b: Gold grains count normalized on 10kg**

NTS: 23O01,04.05,08 23J14

**NAD 1983 UTM Zone 19N**

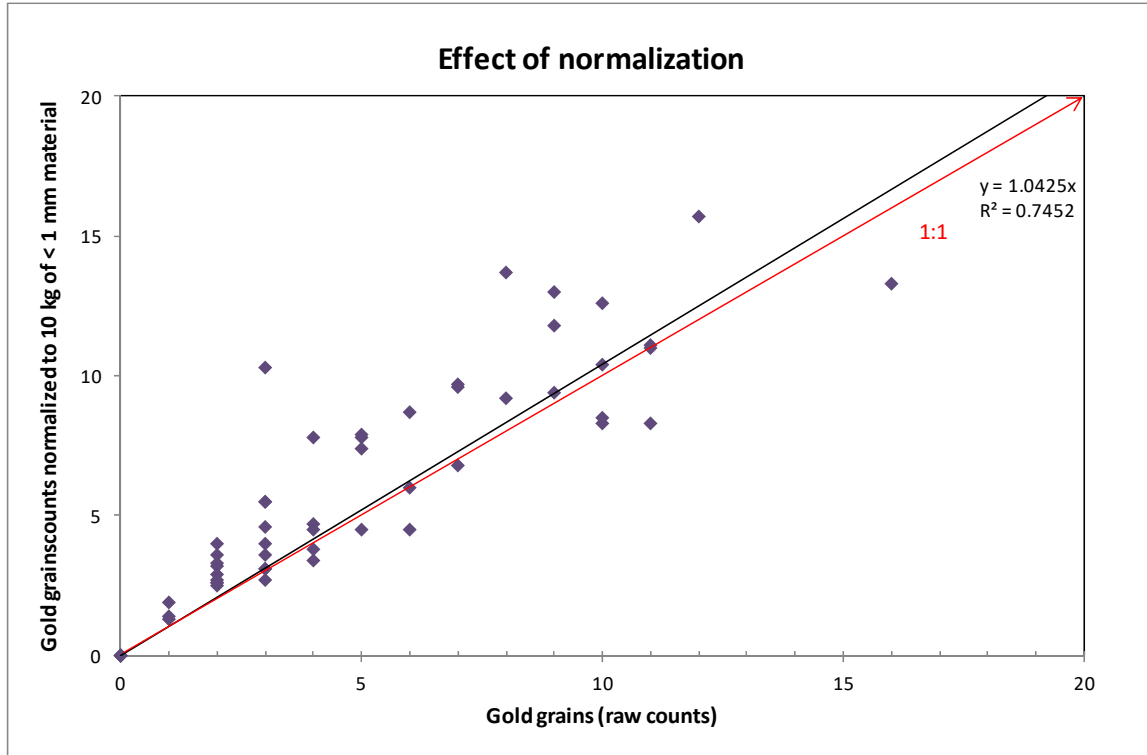
Field date: 2021-06-17 tu 2021-07-07

Drawn by: Mélanie Aubin

Date: 2022-01-12

Natacha Fournier, P. Geo.

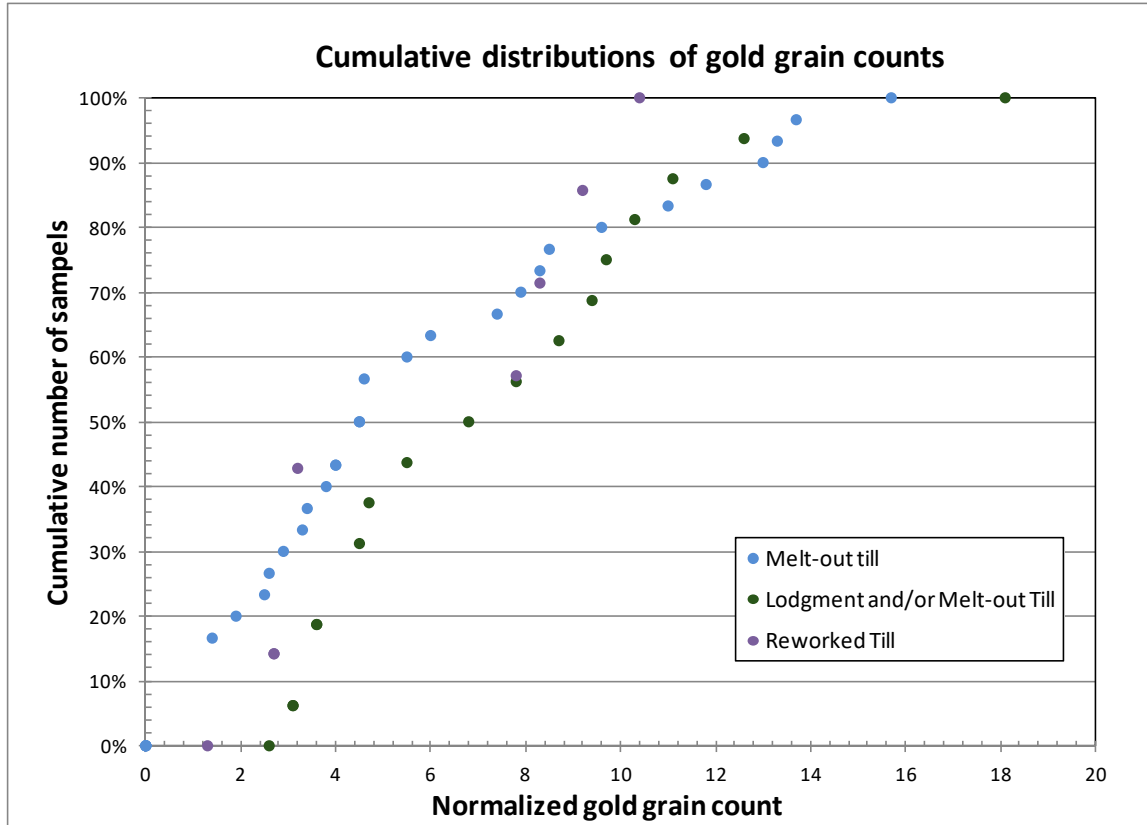
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**Figure 13:** Relation between raw gold grain counts and counts normalized to 10 kg of sieved material at < 1 mm. Notice that, in average, normalized counts are increased by 4%.

Losses of small gold grains by elutriation in melt-out or in reworked tills, as indicated from grain size distribution curves, are not readily discernible by the counts obtained in the various materials. The abundance distribution curves (**figure 14**) show a median count of the order of 6.80 grains/10 kg in hybrid tills, compared to 4.50 in melt-out and 5.50 in reworked tills. Such differences are considered as significant, so no significant enrichment-dilution process related to elutriation or reworking seems present.





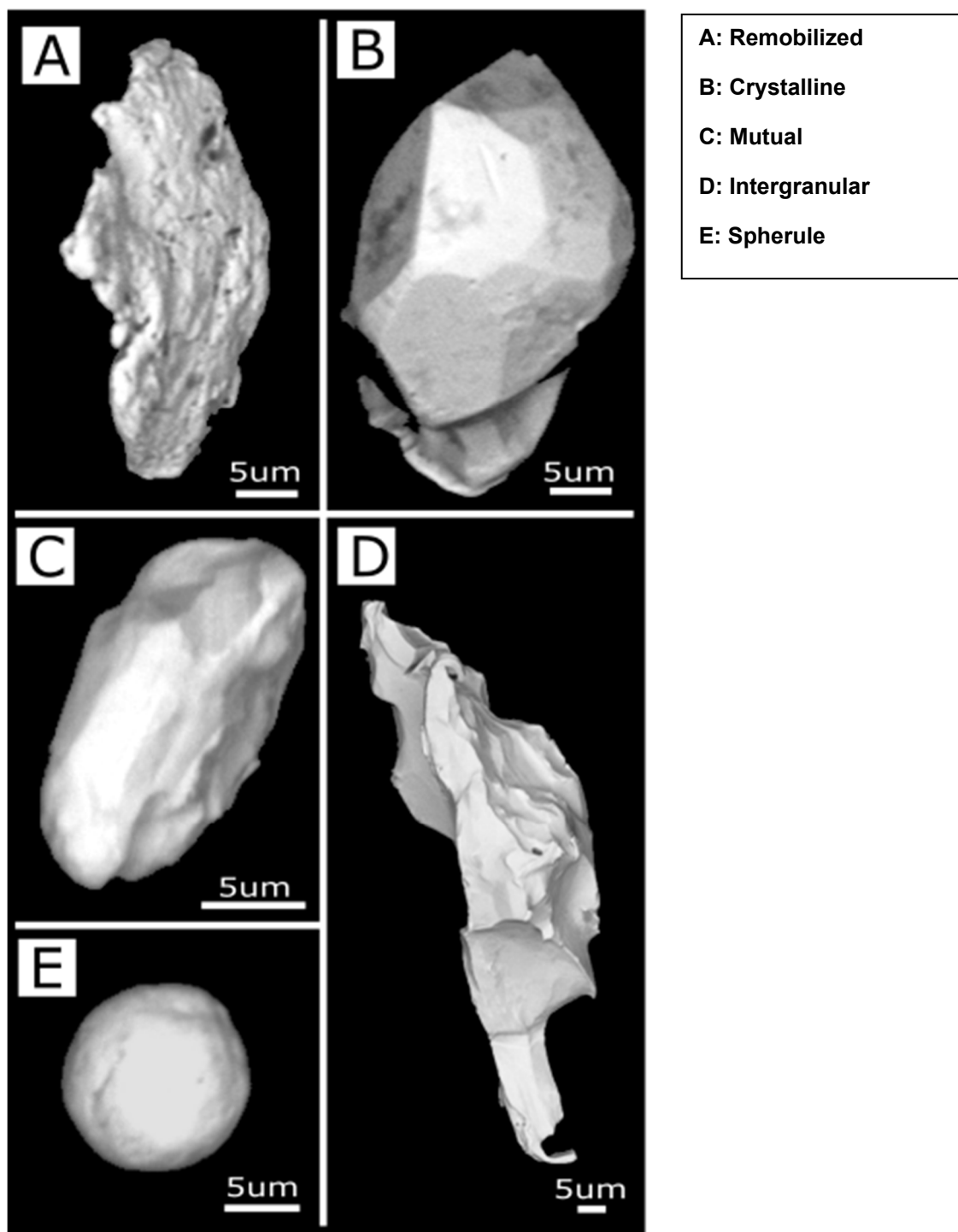
**Figure 14:** Cumulative distribution of normalized grain abundance, according to material type. Grains are less abundant in melt-out and reworked tills compared to hybrid tills, a phenomenon related to the concentration of the grains in leftover material from elutriation. Samples are too few to yield a smooth curve and to establish an anomaly threshold for each material type.

## GOLD GRAIN MORPHOLOGY

The gold grains are classified according to their morphologies based on BSE high resolution images. The classification is inspired from DiLabio (1990), regarding the changes in shape induced by transport. This classification scheme was improved by the authors and the shapes of pristine grains is now subdivided based on imprints from adjacent minerals in the source rocks, assuming that this shape has not been substantially modified by transport within the sediment (for pristine grains) (Girard et al., 2021). Therefore, the *pristine* class from DiLabio (1990) is subdivided into various sub-classes, including *mutual*, *crystalline*, *intergranular*, *remobilized* and *spherules* (**figure 15**). DiLabio's *modified* and *reshaped* classes are maintained, although grains which have preserved evidence of their initial habit are classified as pristine despite of

evidences of deformation. Therefore, part of the grains classified as *pristine* by the current scheme would have been classified as *modified* by DiLabio. A description of the present classification is presented below:

- *Mutual* grain shape represents gold grains which grew within sulphides developing a mutual relationship, in which gold and their host mineral have similar crystallization strength. They are characterized by curvy and convex shapes. Such grains are typically small and are not prone to modification through sedimentary transport.
- *Crystalline* grain shape represents gold grains which developed their own crystalline habit according to gold cubic crystallographic structure, implying that gold had stronger crystallization strength than its host minerals. These grains are either small or more-or-less stubby, occasionally acicular or dendritic. They were likely originally embedded in quartz or carbonates.
- *Intergranular* grain shape represents gold with irregular and complex shapes which mimic their contacts with various other minerals. They are interpreted to be infilled along intergranular boundaries.
- *Remobilized* grain shape represents gold flakes that were filling cracks in other minerals. Where pristine, these grains are typically very delicate and their shape is altered promptly into *reshaped* through sedimentary transport.
- *Spherules* are spherical gold grains, the origin of which remains dubious. DiLabio et al. (1988) suggested these spherules may originate from *in-situ* chemical precipitate. They may also relate to the transport of gold as colloids (McLeish et al., 2021).
- *Modified* is a shape category introduced by DiLabio that represents grains with shapes that were slightly modified by sedimentary transport, either by a blunting of the edges, shearing of the grains, or substantial pitting due to silver dissolution.
- *Reshaped* category represents grains for which initial shapes were thoroughly obliterated by transport processes. The grains are rounded, finely pitted and with display a “nugget” appearance. The original shape of the grain is not preserved.



**Figure 15:** Example of intact grain morphologies according to the classification used here.

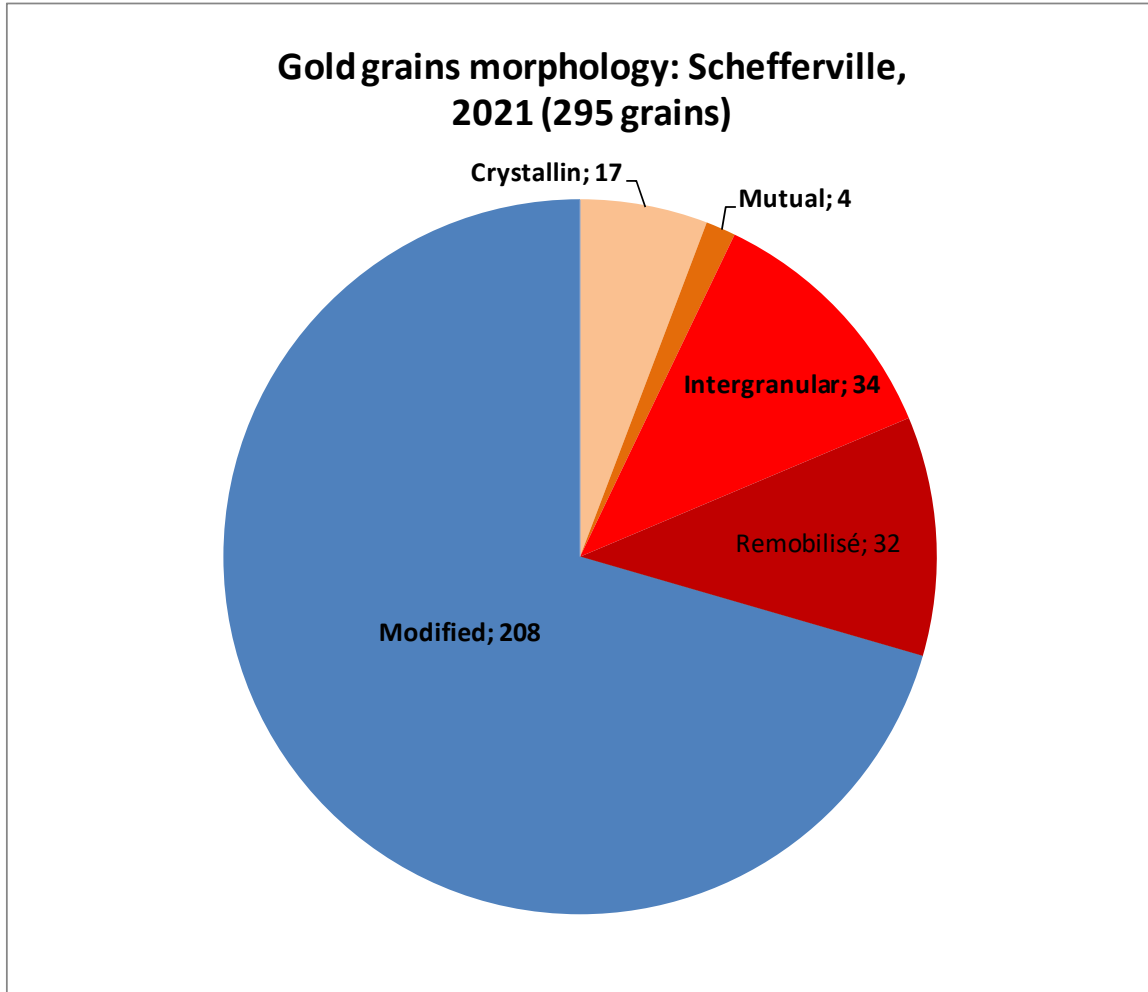
The evolution of grain morphology from pristine to modified and reshaped is a continuum, and the distinction in separate categories remains somewhat arbitrary. The classification is made by the ARTMorph routine, and is subsequently validated by a geologist. The success rate of this automated method is in the order of 90%, implying that 10% of the grains remain potentially misclassified. The phenomenon of silver dissolution is relatively marked for "modified" grains, but usually does not obliterate the original shapes. When such original shape is preserved, the grain is classified as pristine. Grains that are blunt are classified as modified, although they may show palimpsests of their original morphology. It is noted that a high proportion of these "modified" grains were originally "intergranular", as suggested by palimpsest morphologies. Reshaped grains have their original morphology totally obliterated.

Overall, grains from the current project are largely dominated by modified gold grains (70.5% modified). Pristine grains (29.5%) are of low abundance and no reshaped grains are identified (**figures 16 and 17**). The low abundance of pristine grains may suggest that most samples did not collected significant contribution from local sources, that such contribution has been diluted in an abundant regional signature, or that sediments underwent some reworking. Pristine grain abundance is abnormally low, typically of similar proportions (1:1:1) if samples did not tap from local sources. The **table 5** presents the proportions of different morphofacies for the different types of tills. Inversely, reshaped grain abundance is lower than usual for a regional survey, suggestive that far-reached regional background contribution or protracted recycled material is superseded by more local contribution. Proportions of the three morphotypes are similar in the different types of tills, suggesting a minimal impact from in-ice transport, elutriation or attrition by reworking.

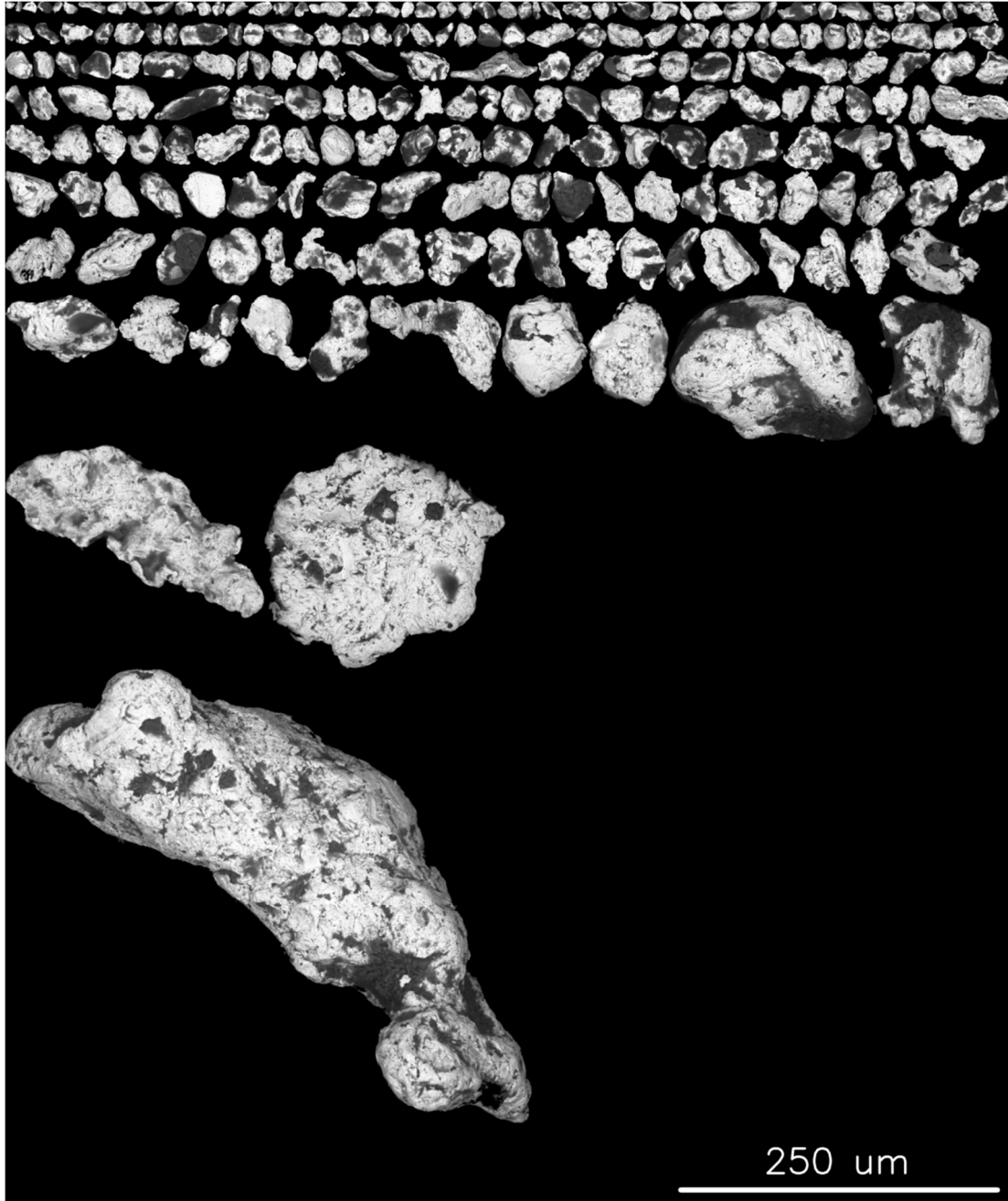
|               | Total | Pristine   | Modified    | Reshaped |
|---------------|-------|------------|-------------|----------|
| Lodgment till | 0     | 0 (0%)     | 0 (0%)      | 0 (0%)   |
| Mixed till    | 106   | 36 (34.0%) | 70 (66.0%)  | 0 (0%)   |
| Melt-out till | 149   | 37 (24.8%) | 112 (75.2%) | 0 (0%)   |
| Reworked      | 40    | 14 (35.0%) | 26 (65.0%)  | 0 (0%)   |
| Total         | 295   | 87 (29.5%) | 208 (70.5%) | 0 (0%)   |

**Table 5:** Abundance and proportion of grain per morphofacies for the various types or sediments for 2021 survey.



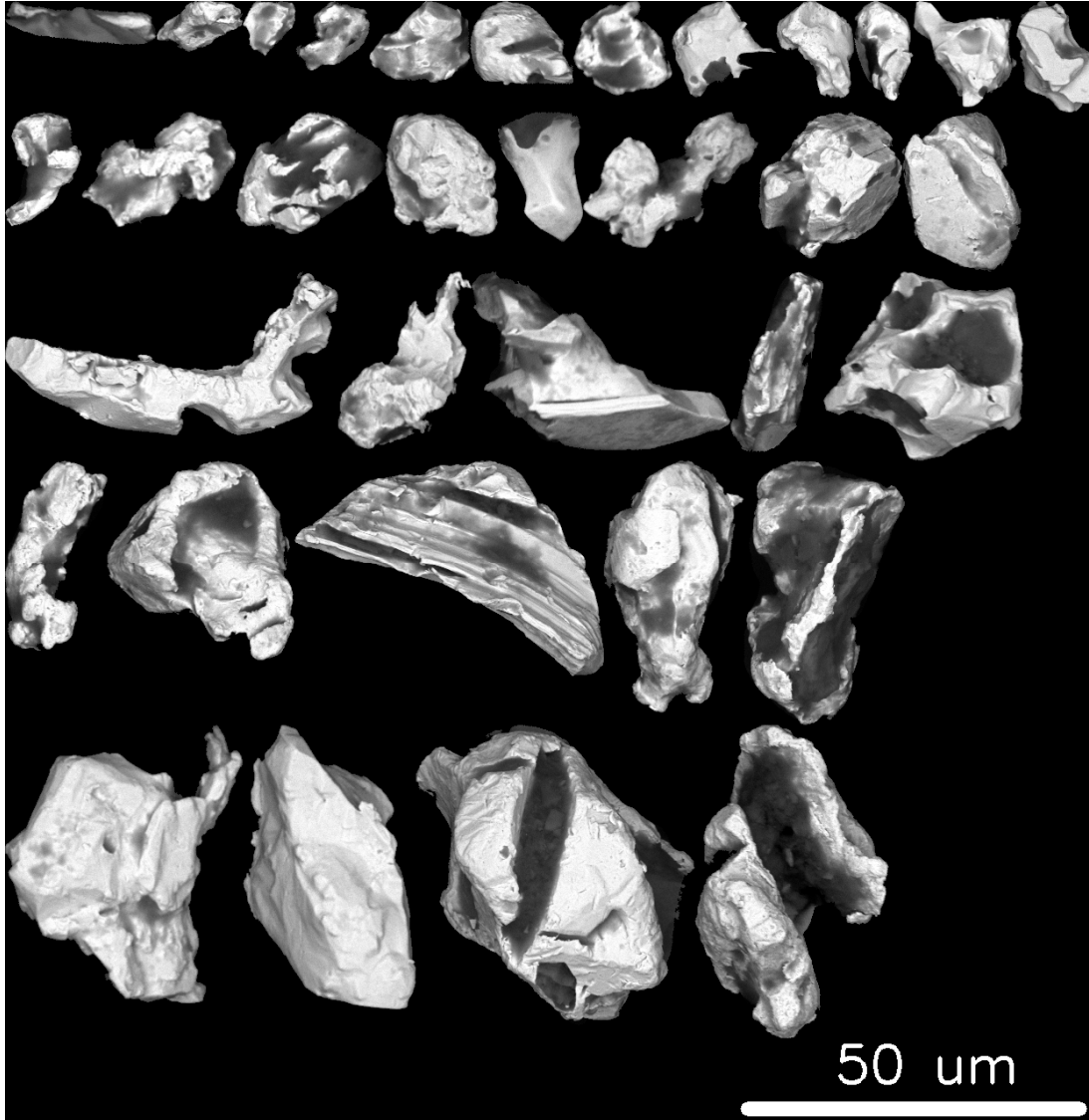


**Figure 16:** Distribution of gold grains according to their morphology. Crystalline, mutual, intergranular and remobilized shapes were traditionally classified as pristine. Current abundance of pristine grains is typical of most regional survey and suggests limited contribution from a local source, diluted in the regional signature. Pristine grains are dominated by intergranular and remobilized grains which suggests develops in rocks that have undergone some deformation, needed to remobilize the gold inside cracked minerals or that were embedded in sulphides.

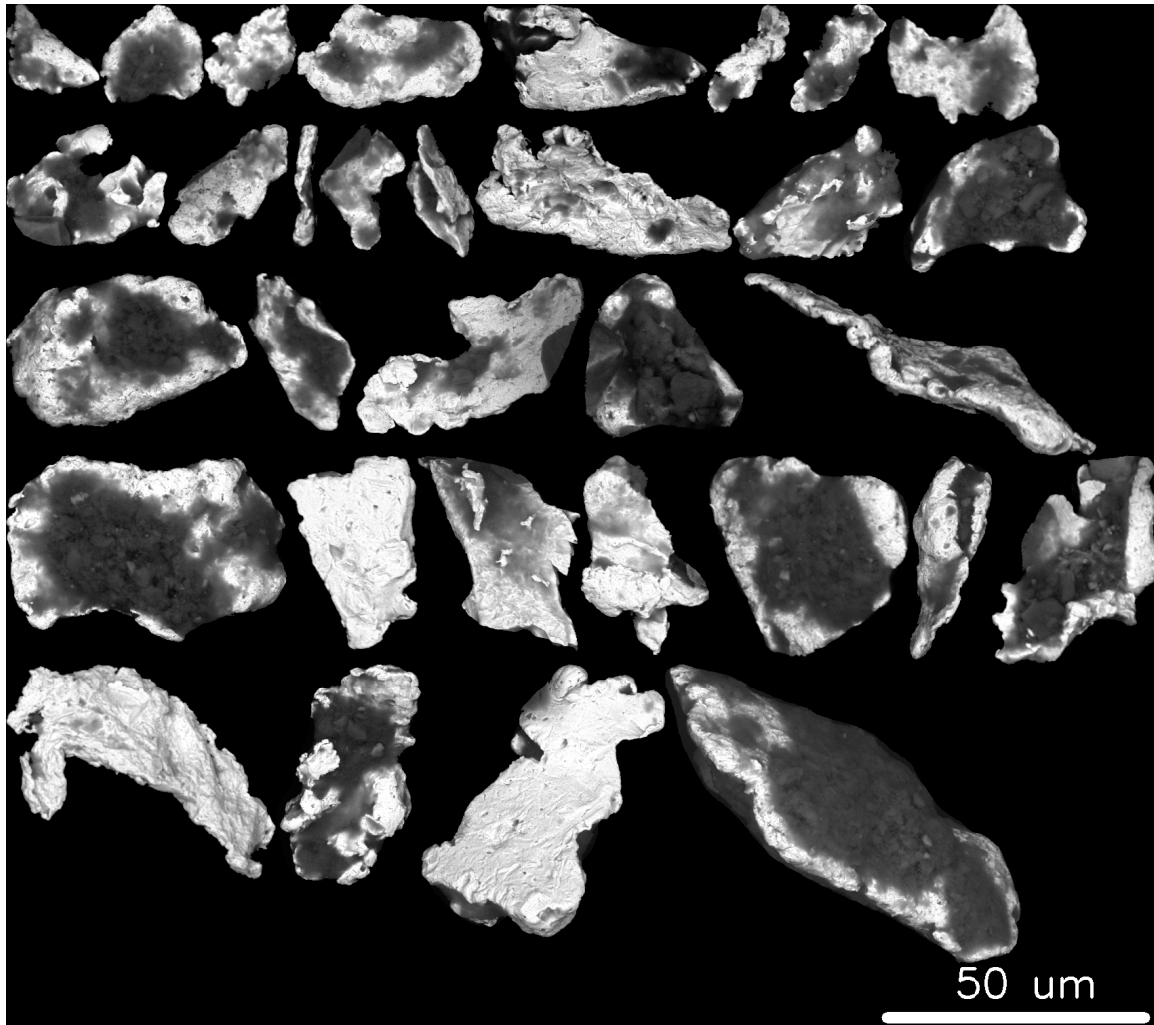


**Figure 17:** Mosaic of modified shape gold grains for which the original shapes are partly obliterated, keeping them from being classified with certainty. We notice their relative abundance. Notice the presence of some very large grains and the dominance of intergranular and remobilized palimpsestic shapes.

Pristine gold grains are dominated by intergranular grains (11.5%, **figure 18**) and remobilized grains (10.8%, **figure 19**) suggestive of mineralization hosted in silicate assemblages such as metamorphic or sheared rocks. Rarity of crystalline (5.8%, **figure 20**) and mutual grains (1.4%, **figure 21**) suggests a limited contribution of source rocks where gold is embedded in sulphides and quartz veins. Despite the low abundance of grains classified as pristine, very delicate textures were rather well preserved on these grains. Corrosion evidences are conspicuous on modified grains but seldom on pristine grains, suggesting silver or other metal dissolution in an oxidizing environment of the former but not the latter. The dominance of intergranular and remobilized grains, which shows complex shapes controlled by adjacent grains as they grew, originating from tectonic or metamorphic rocks, are typically quite sensitive to modification in the secondary environment, not supporting distant transport from their loci of liberation. These grains may be transported embedded in a fragment or other mineral such as a sulphide prior to being liberated, and that their intact nature is not necessarily synonymous with proximity to their source. Dominance of intergranular pristine shape was expected considering the metamorphic nature of the known deposits.

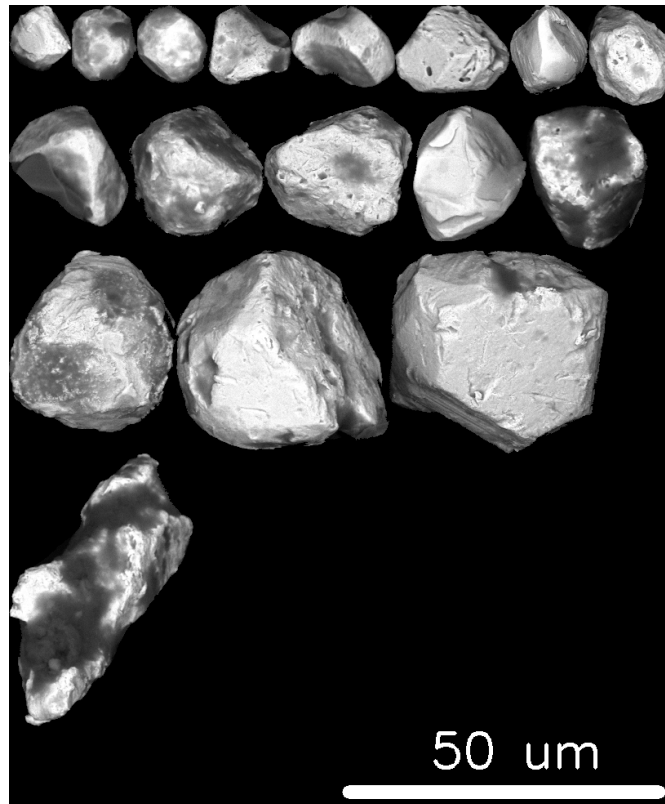


**Figure 18:** Mosaic of intergranular gold grains, characterized by complex shapes and showing imprints of adjacent silicate grains in which, they were embedded. Deformation related to post-liberation transport is somewhat discernible; some grains preserved very delicate textures while other are distinctively blunt. Note that presence of very delicate grains does not necessarily mean a proximal source, these may have been transported while embedded in other minerals prior to being liberated, such as those that were embedded in sulphides that were dissolved after their glacial transport. Intergranular grains, the most abundant morphotype, develop simultaneously with the minerals that enshrined them, denoting a magmatic, metamorphic or tectonic environment (Girard et al., 2021).

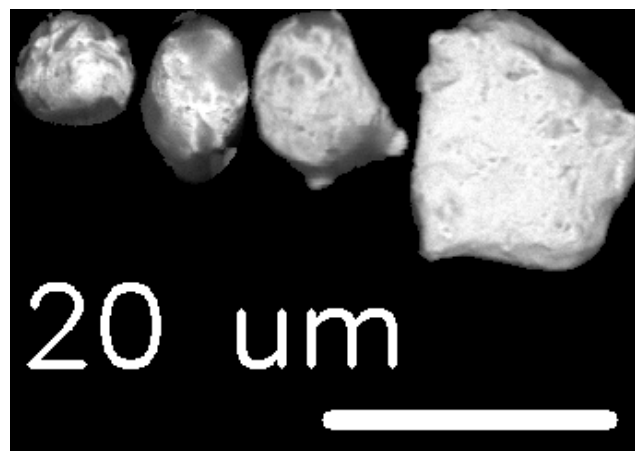


**Figure 19:** Mosaic of remobilized gold grains, characterized by thin flakes that are likely to represent fracture filling. This type of grain is extremely delicate, which explains the conspicuousness of deformation on their surfaces. A proximal origin is indicated, unless they were transported in sulphides that were subsequently oxidized and dissolved. This type of grain usually develops in rocks that have undergone some deformation, requiring strain to remobilize the gold from cracked minerals. This morphotype is peculiarly sensitive to deformation processes in the course of sediment transport.



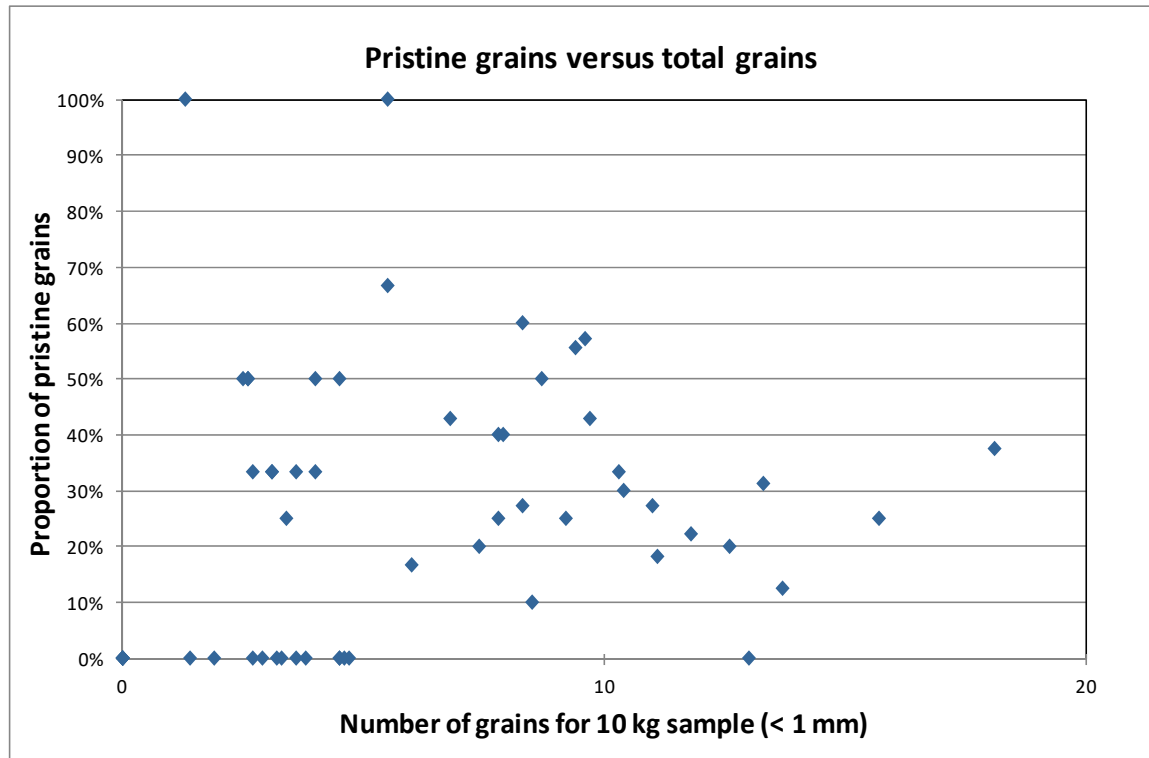


**Figure 20:** Mosaic of crystalline gold grains. The grains are either simple, acicular, dendritic or polycrystalline aggregates. This type of grain is known to grow mainly in quartz-carbonate veins, or potentially in some magmatic rocks (Girard et al., 2021).



**Figure 21:** Mosaic of mutual gold grains. The bulbous forms are typical of growth in equilibrium with sulphide grains. The mutual shapes form a continuum with stubby crystalline habits that commonly fool the classification algorithm. The paucity of textures of corrosion or abrasion on their surfaces relates to their small sizes.

Samples containing a larger number of grains, being more likely contributed by proximal source, are expected to contain a higher proportion of pristine grains. The current population is not conclusive in this regard (**figure 22**).



**Figure 22:** Proportion of pristine grains versus total number of grains in the samples. The samples representing the regional background show a very diverse ratio, caused by the low statistical representativeness of the various types of morphofacies.

## CALCULATED AND ASSAYED GOLD GRADE

The count of gold grains can be used to calculate the free gold contents of samples. The sum of the calculated weights of individual grains is normalized to the weight of the fine fraction (< 1 mm) of the sample. A brief explanation is provided below and the client is referred to Girard et al. (2021) for more details.

- The area of the grain ( $\mu\text{m}^2$ ) is calculated from the equivalent circular diameter (ECD) measured on the backscattered image. Since grains are free and totally exposed, no stereological correction is required.

- The thickness of the grain is an estimate obtained by multiplying the ECD by a Corey factor. The Corey factor, which is a flattening factor, is estimated from the grain shape, with each morphological class having its own polynomial function with regards to grain sizes.
- The volume of the grain is the product of the volume of an equivalent sphere (calculated from the ECD) and the Corey factor.
- The density of the grain is calculated according to the fineness of the gold obtained by EDS analysis, using a linear interpolation between densities of pure gold (19 g/cc) and pure silver (10 g/cc).
- The abundance of gold is corrected for its fineness, obtained from the EDS analysis.
- The weight of the gold particle, in micro/nano/picograms, is the product of the volume estimated using the Corey factor by the density derived from the gold fineness.
- No probabilistic correction is applied to compensate for differences between means and modes of Poisson or Erlang distributions.
- No correction for grain-size related recoveries is applied.

Typical recovered grade is in the order of a few ppb, with three samples in excess of 5 ppb including samples 142620025, 142620037 and 142620003 with respectively 27.6, 5.7 and 5.3 ppb, (**table 4**). Such grades, except for some samples, are typical for anomalous glacial sediments. It can be noticed that low-count samples may have the highest calculated grade and vice-versa. This relates to presence of large gold grains, better preserved in low-count regional samples, considering their weight is a near-cubic function of their grain size. Assays of samples are not available in order to compare calculated versus real grades.

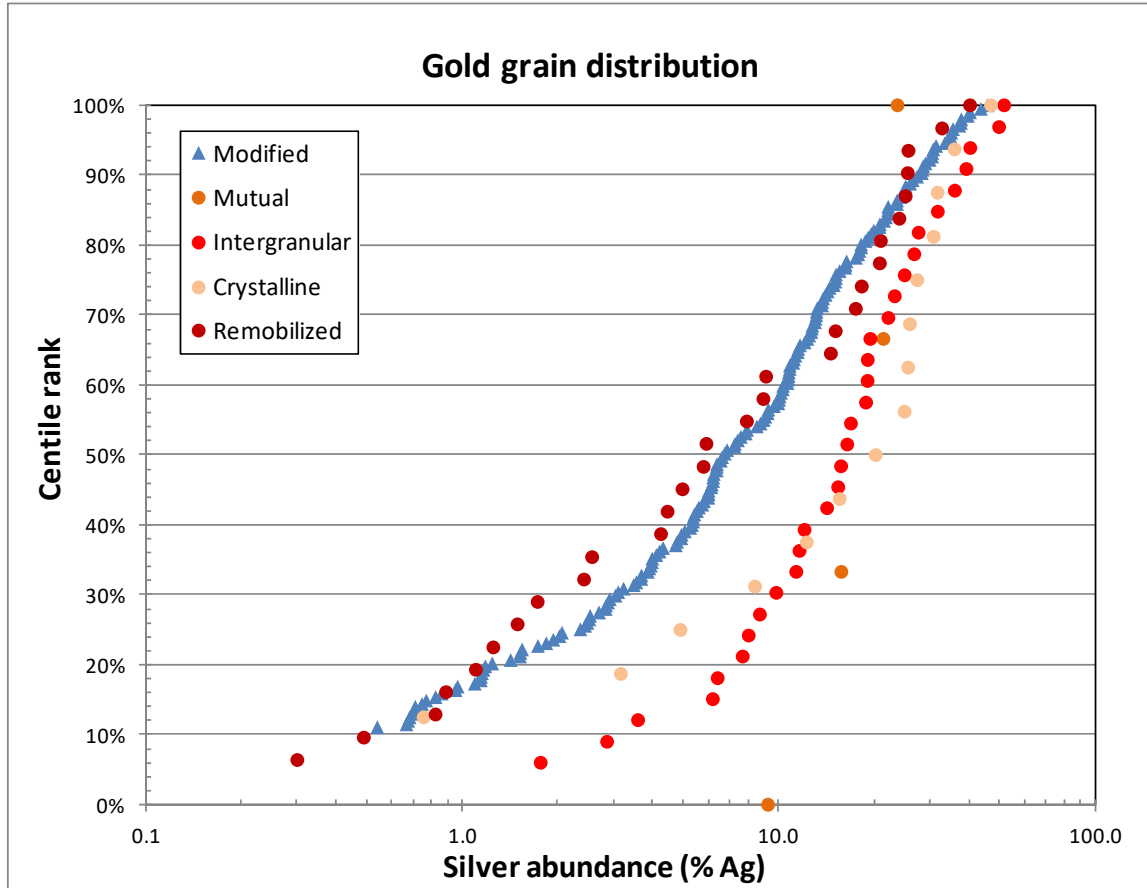
### GOLD GRAIN CHEMISTRY

The ARTGold™ methodology includes semi-quantitative chemical analyses for all gold grains. Given that these are point analyses, the surface of the grain has not been scanned and they do not represent the average grain compositions. Consequently, the analyses are very sensitive to grain heterogeneity. It has been demonstrated that the distribution of other alloying metals in native gold is not homogeneous and that its surface distribution can be motley. Although the total amount of alloying metals can be irregular, it seems that their ratio is more consistent (Girard, in preparation). Consequently, the detection of alloying metals in grains is considered to be potentially

representative of their sources. However, the lack of other alloying metals is not considered as a distinctive characteristic.

Gold fineness, or the measure of gold purity, is usually reported as wt.‰ (weight permil) of gold. Here, gold fineness ranges from 234 to 1000 and average around 952 ‰ (n=295). The current fineness is abnormally high compared to other survey from the Canadian Shield. Such high fineness for gold would be indicative of low salinity and near-neutral ore fluids of the hydrothermal system such as those forming orogenic gold deposits, where the Au/Ag ratio is known to be lower than at porphyry Cu-, high sulphidation epithermal-, and Carlin-type gold deposits (e.g., Gammons and Williams-Jones, 1995; Ressel et al., 2000; Christie et al., 2007). However, high gold fineness is also obtained in high temperature hydrothermal system, and may have been altered by the metamorphic overprint. Furthermore, silver being more soluble than gold in meteoric water, the high Au/Ag ratio might also have benefitted from the preferential dissolution of Ag in the meteoric environment.

The sole significant alloy in the current set of gold grains is silver, which has been detected in more than 90% of the grains, for a non-weighted abundance of 12.06%, and a maximum value of 51.60%. Overall, 67 grains are considered electrum (> 20% Ag). Abundance of silver is dependent on grain shape, with pristine grains bearing the highest average of 15.52% silver. Typically, silver abundance decreases with its residence in the secondary environment, due to silver's preferential dissolution in an oxidizing environment, which can be expressed by its morphology. Consequently, modified grains have an average of 10.61% Ag (**figure 23**). Different morphotypes of pristine grains have their own silver abundance distribution, where crystalline grains have the highest silver content with an average of 18.53% Ag. The other grain classes have a lower silver abundance (intergranular: 18.22%, mutual: 17.55% and remobilized: 10.80%).



**Figure 23:** Distribution of the abundance of silver in gold grains according to their morphofacies. Silver is distinctively enriched in crystalline and intergranular grains, and depleted in remobilized grains. Modified grains show evidences of silver depletion, although less than what is usually observed.

Aside from silver, various other alloying metals can be detected in gold grains. For this project, only iridium has been detected in one (1) grain (2.15% Ir). This is an abnormally low occurrence rate, concordant with the low silver abundance.

No trace of other metals such as copper, nickel, palladium, mercury, sulphur, arsenic, bismuth, tin, selenium, tellurium and osmium was detected in this project.

## ANOMALY THRESHOLD

The selection of an anomalous gold grain count threshold is usually made on arbitrary basis, such as simple statistical estimators or relative to comparisons, but is more aptly



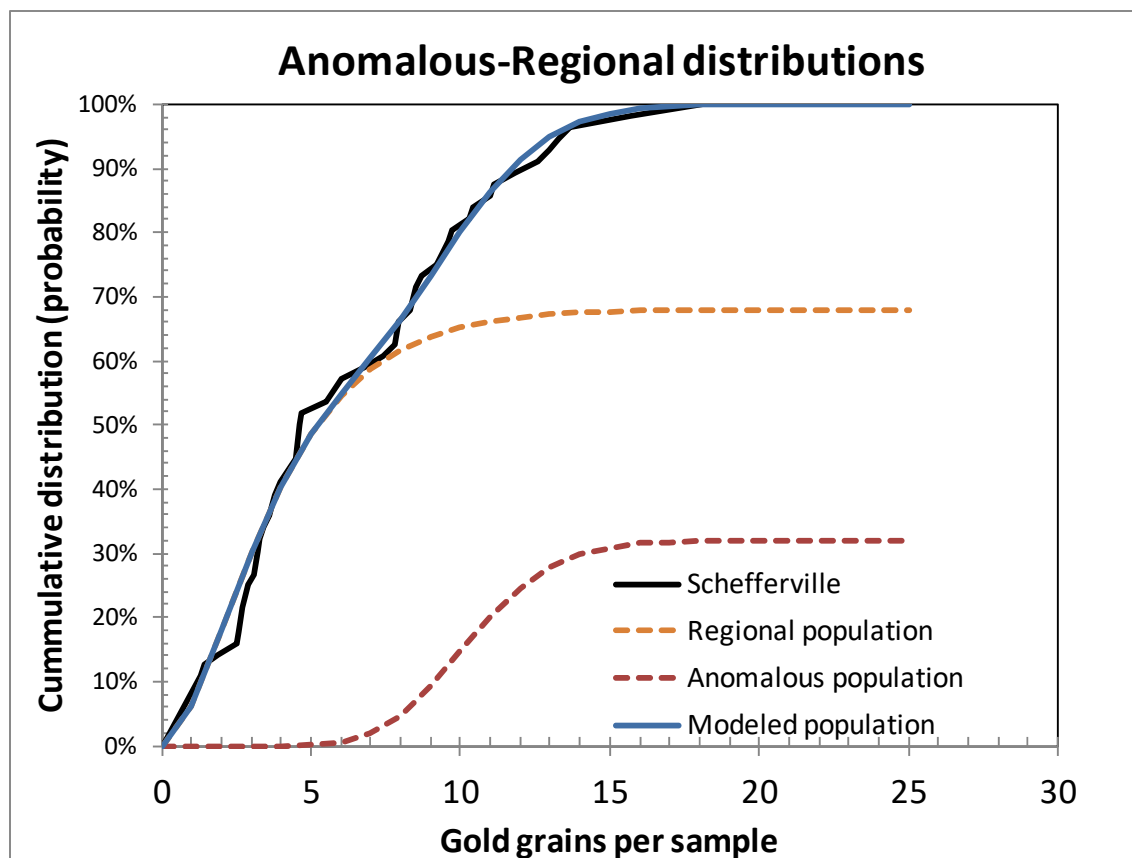
based on the distribution of abundances. Normally, a normalized 20 grains count is considered anomalous in a grassroot project away from major mining camp, which counts were almost reached only in sample 142620014. This contrasts with the abundance and proximity of gold occurrences in the area.

In an even medium, abundance of grains present in an aliquot is a stochastic process controlled by a Poisson probability law, meaning that the number of grains in the various aliquot will not be constant and expected to vary according to such law. If the medium is even, such as a till that erode a very distal gold source, the abundance of grains is expected to follow a Poisson distribution, which is a specific case of the Erlang distribution with a single degree of freedom and discrete number of grains. If the medium is not homogeneous, to say it has a higher degree of freedom, the abundance of grains is expected to follow the Erlang with discrete number of event and a distribution where the shape factor is an integer, or degree of freedom. Higher is the degree of freedom, more heterogeneous is the material and likely more proximal or diverse is the source. Deviation from such probability law indicates a contribution from a different source, hence the presence of more than one population, such as a local dispersion train superposed on the regional signal.

Normalizing the grain counts to a standard 10 kg of material reduces the variability (degree of freedom), but counts are then positive fractions (real number). Their distribution then follows a Erlang probability law, which is a specific case of the Gamma distribution where shape factors are integers, here representing degree of freedom, Gamma probability function are convergent factorial series that represents the probability to obtain a certain result (normalized grain counts) with maximum entropy given that the occurrences (counts) are independent and positive real number (0 to  $\infty$ ). Gamma distributions  $\Gamma(k;\theta)$  are continuous functions based on two parameters: the degree of freedom or shape factor ( $k$ ) and the rate ( $\theta$ ), both of which relating to the mean (average number of counts) as  $\mu=k\theta$  and a mode of  $(k-1)\theta$ . To the author's experience, regional populations typically have 2 or 3 degrees of freedom (Chi-square function), while anomalous populations respond to higher degree of freedom.

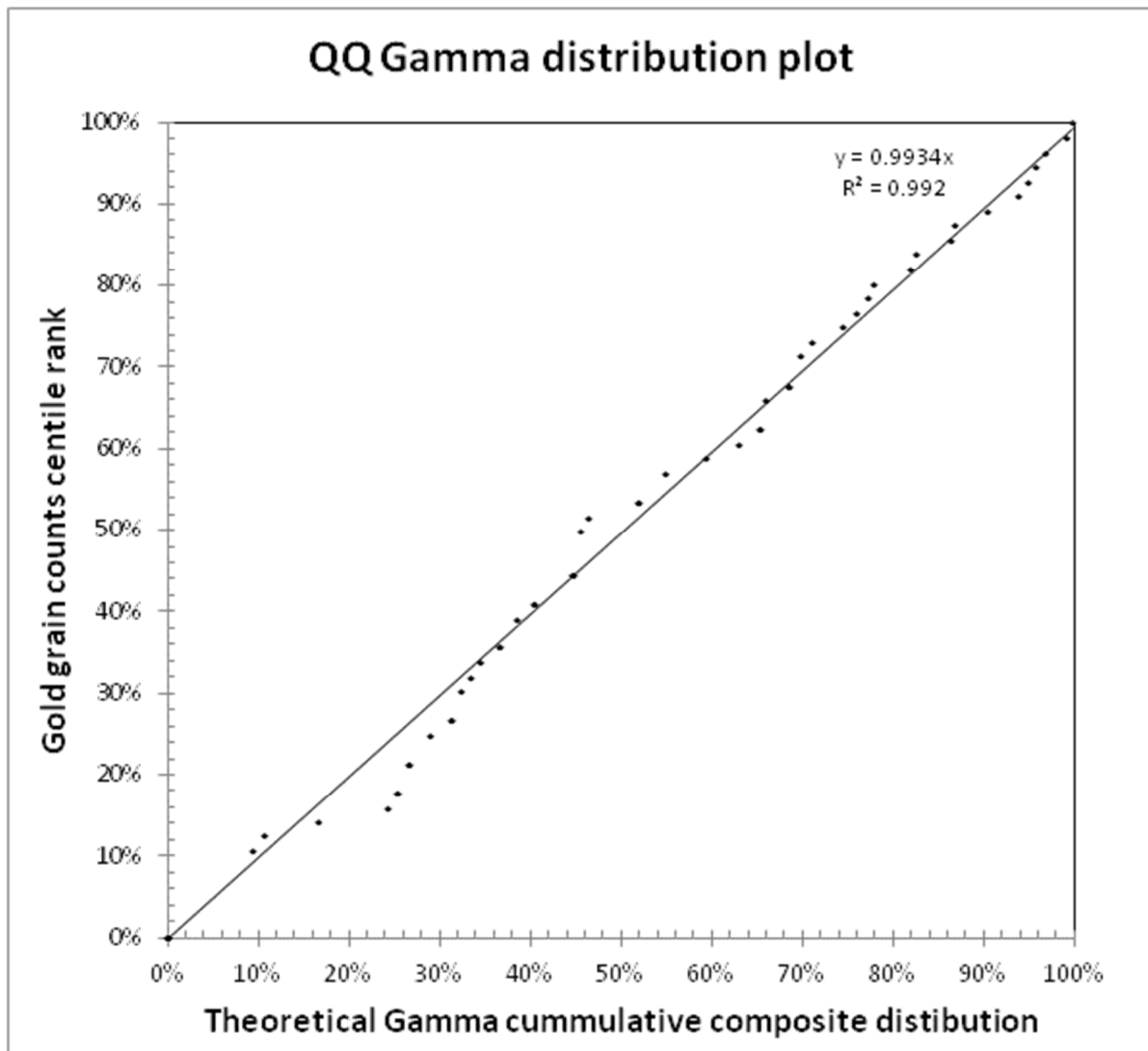
The normalized grain abundance distribution curve for the current survey is irregular and cannot accurately fit an Erlang distribution for the elevated counts. An inflexion is noted at approximately 6 grains and requires the presence of minimum two populations to be properly modelled (**figure 24**). The low counts samples loosely match a density distribution of  $\Gamma(2; 2)$ , with an averaged count of 4 grains per 10 kg, a mode of 2 and a standard deviation of 2.8 grains, accounting for 68% of the overall contribution. A regional distribution with two degree of freedom is usual and indicative of a high

homogeneity of the regional signal and hence of remote source or intense reworking. This observation would be consistent with the dominance of modified grains and homogeneity of the chemical signature. A second population, which could be considered as anomalous, is required to fit the elevated grain counts, with itself is a Gamma distribution  $\Gamma(20,0.52)$  accounting for 32% contribution, for an average count of 10.4 grains, a mode of 9.9 grains and a standard deviation of 14.4 grains. Such distribution would be typical of low-abundance high-variability local sources. The abundance of the local contribution was to be expected since a significant proportion of samples were collected close to known occurrences in order to test their dispersion trains. Counts on this anomalous population remain unexpectedly low, but seem to be capable of detecting these sources considering the very low background signal.



**Figure 24:** Normalized grain count distribution for samples of the Schefferville survey. The abundance distribution requires a dominant regional homogeneous gamma density function with 2 degrees of freedom. An anomalous population accounting for 32% of the counts have a much higher degree of freedom although the average counts are not contrasting with the regional signal.

Precision of the model can be estimated using a quantile-quantile diagram (QQ plot) that opposes the centile rank of samples versus to the probability computed by the model of obtaining such counts (**figure 25**). The diagram shows an acceptable Pearson correlation ( $r^2=99.2\%$ ) with a slope very close to unity, although wrinkles are visible along the curve due to the small population of samples.



**Figure 25:** Quantile-quantile diagram (QQ-plot) opposing the centile rank of the counts from the sample versus the computed probability of having such count considering the composite regional plus anomalous density functions. The relation is close to unity with an excellent Pearson correlation coefficient, supporting the model.

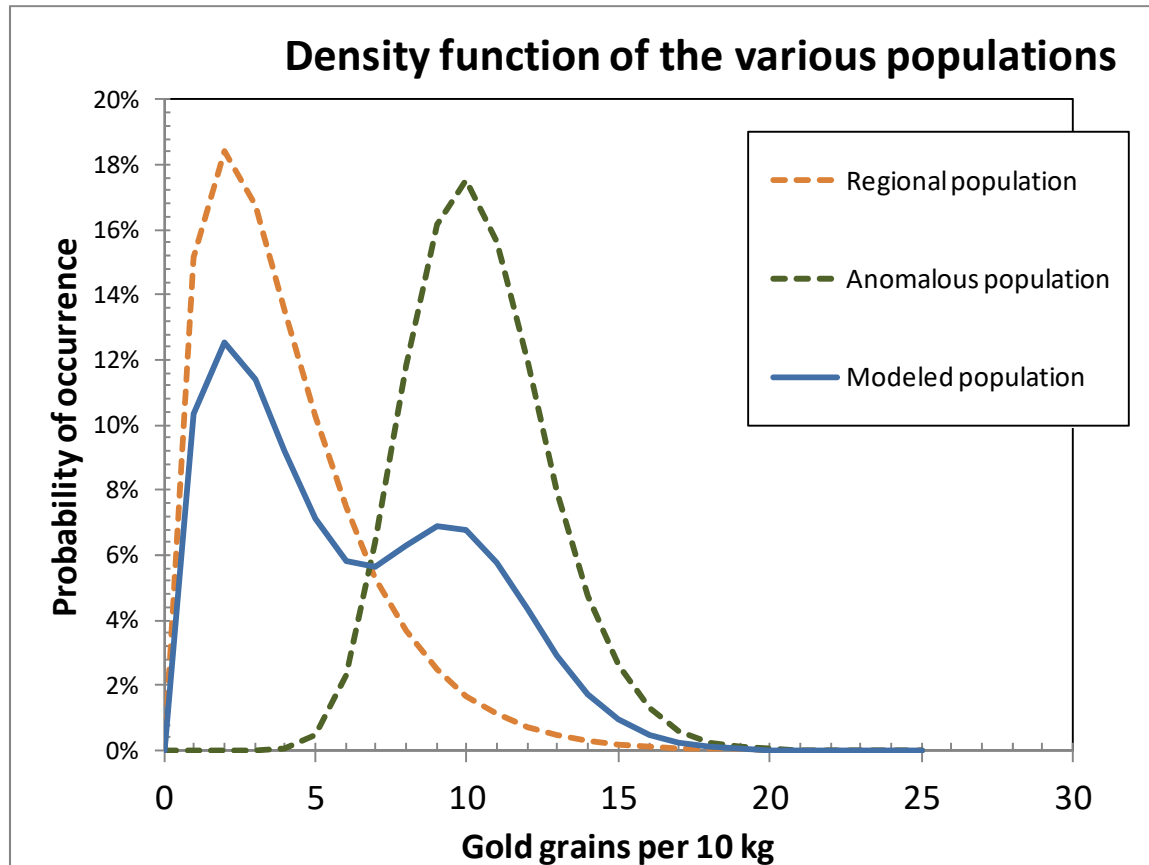
The count in a specific sample is the sum of the grains from a regional background, that follows its probability function, plus the grains derived from the various local sources which respond to their own set of probability functions. The grain abundance distribution at a property scale is then simplified an homogeneously population, which it's probabilistic variance, plus the motley anomalous populations made of grains from the various local sources (**table 6**). Then, at any sample site, there is a probability to have  $n$  counts from the regional population, plus  $m$  counts from local sources, both  $n$  and  $m$  being probabilistic with different density functions. The observed count is  $n+m$ , from both probability functions. However, although it is possible to evaluate the probability of the contribution of both populations, their real contributions cannot be discriminated and it is impossible to attribute which grains belong to which population.

|                       | Regional population | Anomalous population |
|-----------------------|---------------------|----------------------|
| K (degree of freedom) | 2                   | 20                   |
| $\Theta$ (Scale)      | 2                   | 0.52                 |
| Contribution          | 68%                 | 32%                  |
| Mean                  | 4 grains            | 10.4 grains          |
| Mode                  | 2 grains            | 9.9 grains           |
| Std dev               | 2.83 grains         | 14.4 grains          |
| Var. Coef.            | 41%                 | 139%                 |

**Table 6:** Parameters used for the probabilistic model to obtain the best fit with the grain counts distribution.

Any density function has a probability of yielding elevated counts that are not contributed from a distinct source, although with a limited, if not infinitesimal, probability. Hence, an elevated count does not necessarily imply a local source, and vice-versa. An anomalous count shall be seen as when probabilities of having grains from the local source exceed the probabilities of having such counts from regional sources, or when the probabilities of the regional source to generate such counts is too low in regard of the proportion of samples with such counts. The probability density function of both regional populations plus anomalous population has been computed (**figure 26**), and indicates that contribution from the anomalous population shall exceed that of the regionally derived populations for normalized gold grain count in excess of 6 grains per 10 kg of material, for 55% of the samples. Naturally, in any sample, any grain may originate from one or the other population, and the total is the sum of both contribution, each of which remaining unknown. Hence, counts above the anomaly threshold do not imply that

grains originate from the local source, but means that a local source likely contributed to the elevated counts.



**Figure 26:** Density function of the Gamma probability laws of the regional and anomalous populations of grains. It is noted that the probabilities of having grains from the locally derived anomalous population exceed that of the regional populations for counts in excess of 6 grains per 10 kg of material.

## ANOMALIES SELECTIONS

Results of gold counting are presented on **map 3**, where gold occurrences are also indicated. **Map 3a** present the raw gold counts with pie charts for grain morphotypes. As indicated in **figure 22**, there is no relation between pristine and total counts, meaning that no anomalies is indicated in this regard and no detailed interpretation of pristine grain distribution is worth. **Map 3b** present the normalized counts, coded according to sediment type. Aside of reworked sediments, the difference between hybrid and melt-out tills is elusive, and no discrimination in this regard is worth. Consequently, the



normalized counts can be used as such for interpreting dispersions. The area of Arsène, Beluga and Baleine Rouge occurrences has served as orientation survey, and conclusions in regard of this area can be used to interpret samples collected on other target area for their evaluation.

### ***Arsène, Beluga and Baleine Rouge***

A total of 11 samples were collected in the vicinities of Arsène, Beluga and Baleine Rouge area. Of these, two are reported as reworked sediments. Using the 6 grains anomaly threshold, 7 of the samples are deemed anomalous, with normalized counts up to 16 grains. The three best samples are located directly south of Arsène (12 grains), Beluga (13 grains) and Baleine-Rouge Pb-Zn (16 grains) occurrences. Although not fully conclusive due to discontinuous sampling pattern and occurrence abundance, it suggests a dominance of dispersion toward the south, with about half a kilometre displacement. However, considering the abundance of gold occurrence in the area, the counts remain surprising low and the paucity of pristine grains is not explained.

### ***Hammard area***

The Hammard block has not been the site of sufficient prospecting efforts to properly evaluate its potential, which has been partly compensated by a larger number of till samples. A total of 13 samples were collected, none of which is of reworked material. Of these, an average of 6.7 normalized grains was present, including in 7 anomalous samples. The maximum recorded count is of 14 grains, southwest of Hammard Nord-2 occurrence. Other anomalous samples are scattered across the property, and no direct relation can be made with known occurrences.

### ***Rusty Acres area***

A large group of known occurrence are located south-east of the granodiorite, including Rusty Acres, Rusty Acres NO, Goodwood-1199 and-4207, Disco, Wolf, Rover Valley, etc. Numerous targets were visited, where mineralized iron formation was documented, and some sporadic gold grades were obtained. Nine till samples were collected, of which three are anomalous. The highest count of 18 normalized grains is located near the Goodwood River-4207 occurrence, while the second-best sample with 11 grains is between Disco and Éch-1254 occurrences. Overall, the grain abundance is somewhat comparable to the Arsène-Beluga-Baleine-Rouge area, although much less extensive iron formation is currently reported.

### ***Targets 24 and 25***

Two anomalous samples, for 13 and 8 normalized grains were collected on targets #24 and 25, east of Ech-1155 and ECH-999 occurrences. Minor mineralized iron formation was located, still poorly documented.

### ***Target 44***

One sample with 10 normalized grains was collected on target 44, near the nepheline syenite, where only very limited iron formation were observed.

### ***Target 22***

One of the two sample collected near target 22 tested anomalous at 11 grains. This site is located to the north-east of the granodiorite, near Goodwood River occurrence. Only limited boudinaged iron formation was reported.

### ***Target 14***

One marginally anomalous sample with 9 grains is located on an isolated group of claims, near Goodwood River North occurrence. Only limited boudinaged iron formation is reported in the area, but rusty paragneiss horizon are locally gold bearing.

### ***Target 38***

The only sample collected near target 38 is anomalous with 13 normalized grains. This target has a different geological setting, being located in a granodiorite from the LaGrande volcanoplutonic subprovince, and not the Ashuanipi Complex. No mineralized occurrence is reported, and iron formation is extremely limited. This sample is the only one from the 7 collected in the northeast extension of the Sable block that tested positive.

### ***Target 13***

One sample tested marginally anomalous with 8 grains on target 13, which is located on an isolated claim to the north-east of Sable block. A series of iron formation were located in the area, with some significant assays, representing occurrence Ech-1186.

### ***Negative targets***

Till samples were collected on targets 1 (Wolf occurrence), 2 (South Hills), 12 (Scheffor), 16 (secteur 10), 17 (ECH-1112), 18, 19, 26 (Ech-999), 34 37, 39, 41 and 42, which all tested non-anomalous.

### **PRECIOUS METAL MINERALS**

A total of 17 grains of precious metal minerals (PMM), were detected and confirmed with the SEM automated routine in the 0-50 µm fraction (**table 7**, **map 4** and **figure 27**). These include 10 sperrylites PtAs<sub>2</sub>, 3 cooperites PtS, and five other minerals with only 1 grain each (**table 7**).

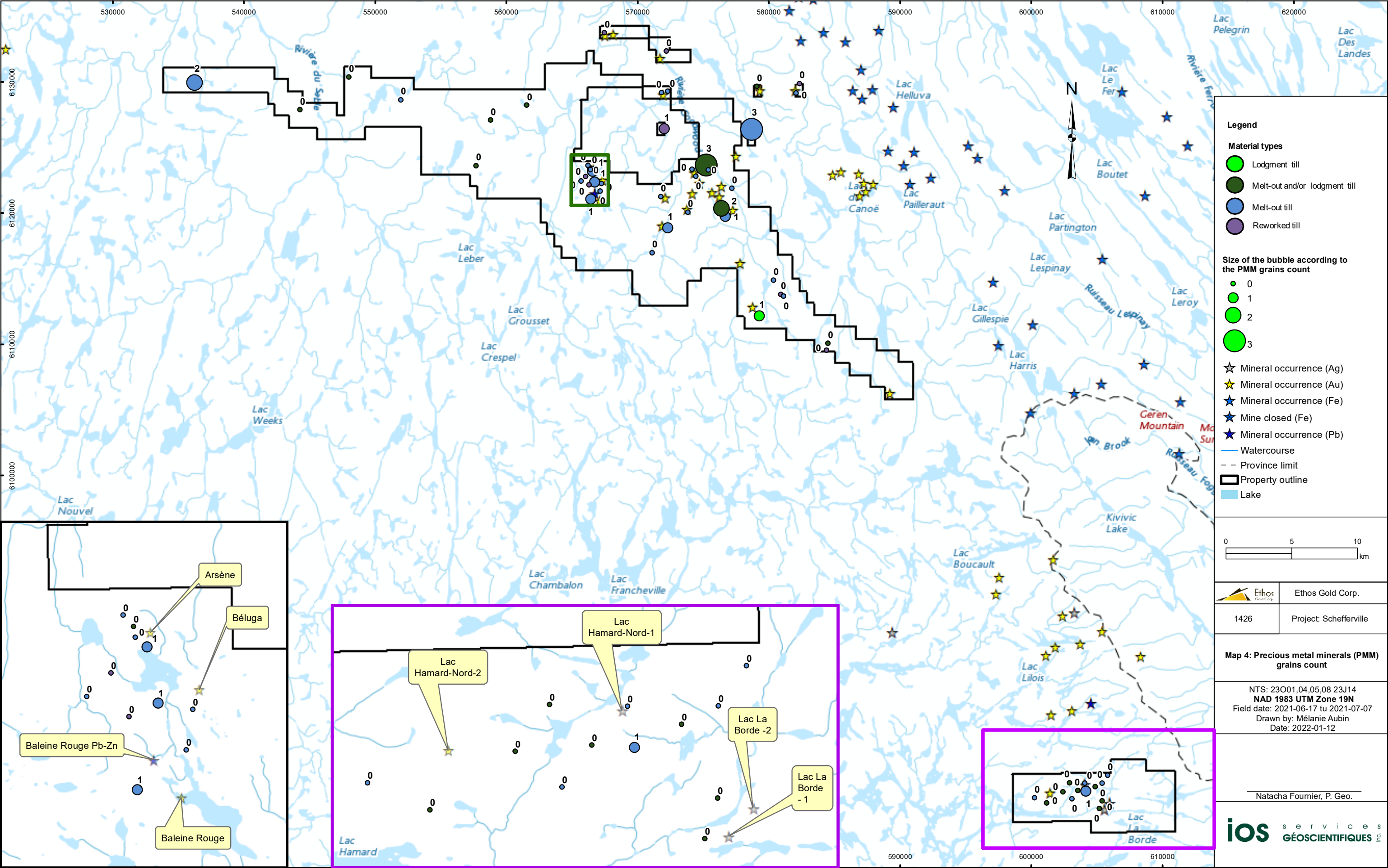
| Sample    | Visual examination 50-1000 µm | Automated detection 0-50 µm | Silver Ag | Cooperite PIS | Erlichmanite (Os,Rh,Ir)S <sub>2</sub> | Isomertelite Pd <sub>11</sub> Sb <sub>2</sub> As <sub>2</sub> | Platinum Pt | Sperryite PtAs <sub>2</sub> | Stibopalladinite Pd <sub>5-6</sub> Sb <sub>2-x</sub> | Total | Comment                                                                                      | ESTANT (nad 83) | NORDANT (nad 83) | Initial weight wet sieving (kg) | Weight of the fine fraction < 1mm (kg) | Ratio of grain / kg (initial weight W.S.) | Ratio of grain / 10 kg fraction < 1 mm |
|-----------|-------------------------------|-----------------------------|-----------|---------------|---------------------------------------|---------------------------------------------------------------|-------------|-----------------------------|------------------------------------------------------|-------|----------------------------------------------------------------------------------------------|-----------------|------------------|---------------------------------|----------------------------------------|-------------------------------------------|----------------------------------------|
| 142620001 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 566373          | 6123462          | 10.621                          | 6.883                                  | 0.0                                       | 0.0                                    |
| 142620002 | 0                             | 1                           |           |               |                                       |                                                               |             | 1                           |                                                      | 1     |                                                                                              | 566575          | 6123165          | 12.250                          | 7.618                                  | 0.1                                       | 1.3                                    |
| 142620003 | 0                             | 1                           |           |               |                                       |                                                               |             | 1                           |                                                      | 1     |                                                                                              | 566429          | 6121070          | 12.458                          | 7.637                                  | 0.1                                       | 1.3                                    |
| 142620004 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 580359          | 6114879          | 10.783                          | 6.921                                  | 0.0                                       | 0.0                                    |
| 142620005 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 580907          | 6113798          | 17.521                          | 12.024                                 | 0.0                                       | 0.0                                    |
| 142620006 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 581122          | 6113672          | 17.596                          | 11.619                                 | 0.0                                       | 0.0                                    |
| 142620007 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 567246          | 6122251          | 19.138                          | 11.961                                 | 0.0                                       | 0.0                                    |
| 142620008 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     | Weigh of the fine fraction (< 1 mm) of wet sieving, weight with possibly a portion of water. | 584396          | 6109528          | 9.887                           | 6.201                                  | 0.0                                       | 0.0                                    |
| 142620009 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 584515          | 6110061          | 7.017                           | 2.892                                  | 0.0                                       | 0.0                                    |
| 142620010 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 567149          | 6121653          | 20.026                          | 13.255                                 | 0.0                                       | 0.0                                    |
| 142620011 | 0                             | 1                           |           | 1             |                                       |                                                               |             |                             |                                                      | 1     |                                                                                              | 579268          | 6112166          | 8.471                           | 5.528                                  | 0.1                                       | 1.8                                    |
| 142620012 | 0                             | 1                           |           |               |                                       |                                                               | 1           |                             |                                                      | 1     |                                                                                              | 566733          | 6122341          | 18.676                          | 11.716                                 | 0.1                                       | 0.8                                    |
| 142620013 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 566221          | 6123632          | 10.768                          | 7.003                                  | 0.0                                       | 0.0                                    |
| 142620014 | 0                             | 3                           |           |               |                                       |                                                               |             | 2                           | 1                                                    | 3     |                                                                                              | 575229          | 6123635          | 14.721                          | 13.245                                 | 0.2                                       | 2.2                                    |
| 142620015 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 566308          | 6122143          | 13.946                          | 9.528                                  | 0.0                                       | 0.0                                    |
| 142620016 | 0                             | 1                           |           |               |                                       |                                                               |             | 1                           |                                                      | 1     |                                                                                              | 576697          | 6119731          | 15.098                          | 10.336                                 | 0.1                                       | 0.9                                    |
| 142620017 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 575386          | 6123290          | 15.203                          | 6.445                                  | 0.0                                       | 0.0                                    |
| 142620018 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 566401          | 6123307          | 15.170                          | 10.881                                 | 0.0                                       | 0.0                                    |
| 142620019 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 566043          | 6122783          | 7.663                           | 5.074                                  | 0.0                                       | 0.0                                    |
| 142620020 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 565691          | 6122436          | 7.337                           | 4.966                                  | 0.0                                       | 0.0                                    |
| 142620021 | 0                             | 2                           |           | 1             |                                       |                                                               |             | 1                           |                                                      | 2     |                                                                                              | 576394          | 6120334          | 14.650                          | 9.843                                  | 0.1                                       | 2.0                                    |
| 142620022 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 577193          | 6121870          | 10.886                          | 6.775                                  | 0.0                                       | 0.0                                    |
| 142620023 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 567483          | 6133733          | 24.048                          | 10.980                                 | 0.0                                       | 0.0                                    |
| 142620024 | 0                             | 1                           |           |               | 1                                     |                                                               |             |                             |                                                      | 1     |                                                                                              | 572044          | 6126412          | 13.556                          | 7.260                                  | 0.1                                       | 1.3                                    |
| 142620025 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 572205          | 6132328          | 14.490                          | 8.682                                  | 0.0                                       | 0.0                                    |
| 142620026 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 579095          | 6129640          | 15.166                          | 9.472                                  | 0.0                                       | 0.0                                    |
| 142620027 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 582349          | 6129854          | 15.414                          | 7.424                                  | 0.0                                       | 0.0                                    |
| 142620028 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 582078          | 6129146          | 15.035                          | 7.006                                  | 0.0                                       | 0.0                                    |
| 142620029 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 572305          | 6129271          | 14.202                          | 9.534                                  | 0.0                                       | 0.0                                    |
| 142620030 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 571820          | 6129162          | 15.151                          | 9.929                                  | 0.0                                       | 0.0                                    |
| 142620031 | 0                             | 3                           | 1         |               |                                       | 1                                                             |             | 1                           |                                                      | 3     |                                                                                              | 578709          | 6126364          | 19.351                          | 13.159                                 | 0.2                                       | 2.2                                    |
| 142620032 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 574155          | 6123333          | 14.357                          | 9.850                                  | 0.0                                       | 0.0                                    |
| 142620033 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 574434          | 6122797          | 15.650                          | 8.987                                  | 0.0                                       | 0.0                                    |
| 142620034 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 602925          | 6076577          | 17.627                          | 9.545                                  | 0.0                                       | 0.0                                    |
| 142620035 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 602424          | 6075888          | 17.721                          | 10.221                                 | 0.0                                       | 0.0                                    |
| 142620036 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 601174          | 6075031          | 12.063                          | 7.529                                  | 0.0                                       | 0.0                                    |
| 142620037 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 600262          | 6075430          | 11.166                          | 5.837                                  | 0.0                                       | 0.0                                    |
| 142620038 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 603108          | 6075367          | 8.259                           | 5.262                                  | 0.0                                       | 0.0                                    |
| 142620039 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 571127          | 6116965          | 11.979                          | 5.939                                  | 0.0                                       | 0.0                                    |
| 142620040 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 603549          | 6075981          | 9.102                           | 5.433                                  | 0.0                                       | 0.0                                    |
| 142620041 | 0                             | 0                           |           |               |                                       |                                                               |             |                             |                                                      | 0     |                                                                                              | 604071          | 6076548          | 8.644                           | 5.393                                  | 0.0                                       | 0.0                                    |
| 142620042 | 0                             | 1                           |           |               |                                       |                                                               |             | 1                           |                                                      | 1     |                                                                                              | 604175          | 6075947          | 11.114                          | 6.318                                  | 0.1                                       | 1.5                                    |

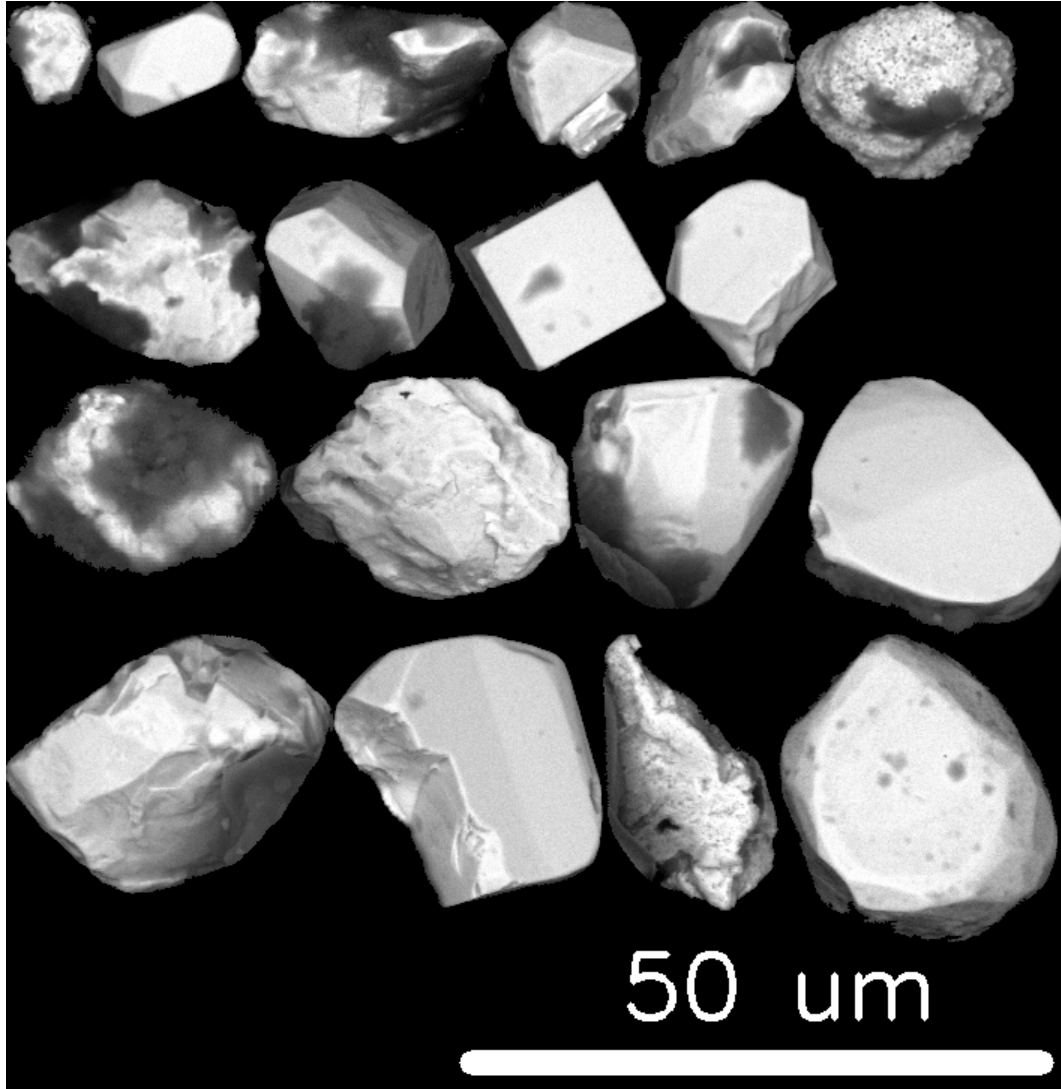
**Table 7:** Summary of precious metal minerals grains (PMM) extracted from the ARTGold™ process.

| Sample     | Visual examination<br>50-1000 µm | Automated detection 0-50 µm | Silver<br>Ag | Cooperite<br>PtS | Erlichmanite<br>(Os,Rh,Ir) <sub>2</sub> S <sub>2</sub> | Isomertelite<br>Pd <sub>11</sub> Sb <sub>2</sub> As <sub>2</sub> | Platinum<br>Pt | Sperryite<br>PtAs <sub>2</sub> | Stibopalladinite<br>Pd <sub>5-8</sub> Sb <sub>2-3</sub> | Total | Comment | ESTANT<br>(nad 83) | NORDANT<br>(nad 83) | Initial weight wet sieving (kg) | Weight of the fine fraction < 1mm (kg) | Ratio of grain / kg (initial weight W.S.) | Ratio of grain / 10 kg fraction < 1 mm |
|------------|----------------------------------|-----------------------------|--------------|------------------|--------------------------------------------------------|------------------------------------------------------------------|----------------|--------------------------------|---------------------------------------------------------|-------|---------|--------------------|---------------------|---------------------------------|----------------------------------------|-------------------------------------------|----------------------------------------|
| 142620043  | 0                                | 0                           |              |                  |                                                        |                                                                  |                |                                |                                                         | 0     |         | 605813             | 6077143             | 11.760                          | 7.260                                  | 0.0                                       | 0.0                                    |
| 142620044  | 0                                | 0                           |              |                  |                                                        |                                                                  |                |                                |                                                         | 0     |         | 605401             | 6076554             | 10.566                          | 5.541                                  | 0.0                                       | 0.0                                    |
| 142620045  | 0                                | 0                           |              |                  |                                                        |                                                                  |                |                                |                                                         | 0     |         | 604863             | 6076285             | 13.022                          | 7.188                                  | 0.0                                       | 0.0                                    |
| 142620046  | 0                                | 0                           |              |                  |                                                        |                                                                  |                |                                |                                                         | 0     |         | 605393             | 6075201             | 10.643                          | 6.355                                  | 0.0                                       | 0.0                                    |
| 142620047  | 0                                | 0                           |              |                  |                                                        |                                                                  |                |                                |                                                         | 0     |         | 605202             | 6074611             | 8.951                           | 5.530                                  | 0.0                                       | 0.0                                    |
| 142620048  | 0                                | 2                           |              | 1                |                                                        |                                                                  |                | 1                              |                                                         | 2     |         | 536258             | 6129935             | 10.369                          | 7.585                                  | 0.2                                       | 2.6                                    |
| 142620049  | 0                                | 0                           |              |                  |                                                        |                                                                  |                |                                |                                                         | 0     |         | 557696             | 6123595             | 11.856                          | 8.369                                  | 0.0                                       | 0.0                                    |
| 142620050  | 0                                | 0                           |              |                  |                                                        |                                                                  |                |                                |                                                         | 0     |         | 548007             | 6130357             | 12.016                          | 7.922                                  | 0.0                                       | 0.0                                    |
| 142620051  | 0                                | 0                           |              |                  |                                                        |                                                                  |                |                                |                                                         | 0     |         | 544287             | 6127865             | 10.860                          | 8.305                                  | 0.0                                       | 0.0                                    |
| 142620052  | 0                                | 0                           |              |                  |                                                        |                                                                  |                |                                |                                                         | 0     |         | 551951             | 6128613             | 9.729                           | 7.204                                  | 0.0                                       | 0.0                                    |
| 142620053  | 0                                | 0                           |              |                  |                                                        |                                                                  |                |                                |                                                         | 0     |         | 558805             | 6127071             | 12.770                          | 9.676                                  | 0.0                                       | 0.0                                    |
| 142620054  | 0                                | 0                           |              |                  |                                                        |                                                                  |                |                                |                                                         | 0     |         | 561566             | 6128207             | 12.674                          | 8.843                                  | 0.0                                       | 0.0                                    |
| 142620055  | 0                                | 0                           |              |                  |                                                        |                                                                  |                |                                |                                                         | 0     |         | 571775             | 6121242             | 13.303                          | 7.349                                  | 0.0                                       | 0.0                                    |
| 142620056  | 0                                | 0                           |              |                  |                                                        |                                                                  |                |                                |                                                         | 0     |         | 573829             | 6120060             | 13.347                          | 7.778                                  | 0.0                                       | 0.0                                    |
| 142620058  | 0                                | 1                           |              |                  |                                                        |                                                                  |                | 1                              |                                                         | 1     |         | 572316             | 6118868             | 11.992                          | 6.751                                  | 0.1                                       | 1.4                                    |
| Total      | 0                                | 18                          | 1            | 3                | 1                                                      | 1                                                                | 1              | 10                             | 1                                                       | 18    |         |                    |                     |                                 |                                        |                                           |                                        |
| Proportion | 0.0                              | 100.0                       | 5.6          | 16.7             | 5.6                                                    | 5.6                                                              | 5.6            | 55.6                           | 5.6                                                     | 100.0 |         |                    |                     |                                 |                                        |                                           |                                        |

**Table 7:** Summary of precious metal minerals grains (PMM) extracted from the ARTGold™ process.







**Figure 27:** Mosaic of precious metal minerals grains, which are dominated by sperrylite. Note the crystalline forms of the cubic system of sperrylite, relatively well preserved.

Platinum bearing mineral, mainly sperrylite, dominates the assemblage. Palladium is usually more abundant than platinum in most deposit. The cause of its paucity compared to platinum is not explained but seems to be the rule for grains that were not derived from ultramafic sources. Palladium is not a significantly heavy metal, similar to silver, and their minerals are less dense than platinum minerals, meaning it may suffer of lesser recovery in the process, although not documented in most projects conducted by the author.

Platinum group bearing grains are either minerals or alloys. Platinum group minerals will either have crisp crystalline morphology, such as for sperrylite, or a shape controlled by cleavage or conchoidal fractures. Attrition features are seldom, these grains being small, hard and brittle. Platinum group alloys will have shapes similar to pristine gold, but will difficultly develop evidence of transport due to their hardness and smallness. Therefore, the morphology classification developed for gold cannot be applied efficiently on platinum group minerals, and no estimate of transport distance can be provided.

A cluster of three samples with 2 or 3 grains is located east of the granodiorite, near Goodwood-4207, Ech-1186 and Goodwood 1199 occurrences. A two grains sample is also located on target 35, at the extreme west of the Sable block.

## OTHER HEAVY MINERAL PHASES

Every grain with a backscattered electron brightness greater than the set threshold was analyzed in order to identify the mineral species. In the current set of samples, a total of 3876 such grains were identified. The threshold is optimally set to a density of ~5 g/cc, although beam current drift, coating, and shadowing may reduce the grains' brightness. Consequently, minerals with densities just below or above the threshold are prone to be misevaluated. As mentioned previously, the grains that are not gold or PGE bearing are not validated afterward, and no high-resolution images or semi-quantitative EDS analysis are available. These "grains" shall be considered as "*pixel clusters*" counts, which commonly overestimate the number of grains by ~30%. Minerals are classified according to their chemistries by the ARTGold™ routine, based on qualitative EDS analyses, although this classification has not been thoroughly tested (**table 8, map 5**). The abundance of these minerals suggests that limited elutriation (natural separation of large and small particles) occurred in the stream they originate from. Counts reported hereafter are raw and not normalized to 10 kg of material.

- Uranium and thorium minerals are present in high abundance, with a total of 4663 grains (4595 thorium minerals and 68 uranium minerals), with a maximum of 303 thorium grains (thorite and other thorium silicate) in sample 142620014. The abundance of such mineral was to be expected from peraluminous pegmatites derived from archean flyschic metasediments such as the local metatexites. Uranium-thorium minerals are dominantly found in samples collected around the granodiorite or the eastern part of Sable block.

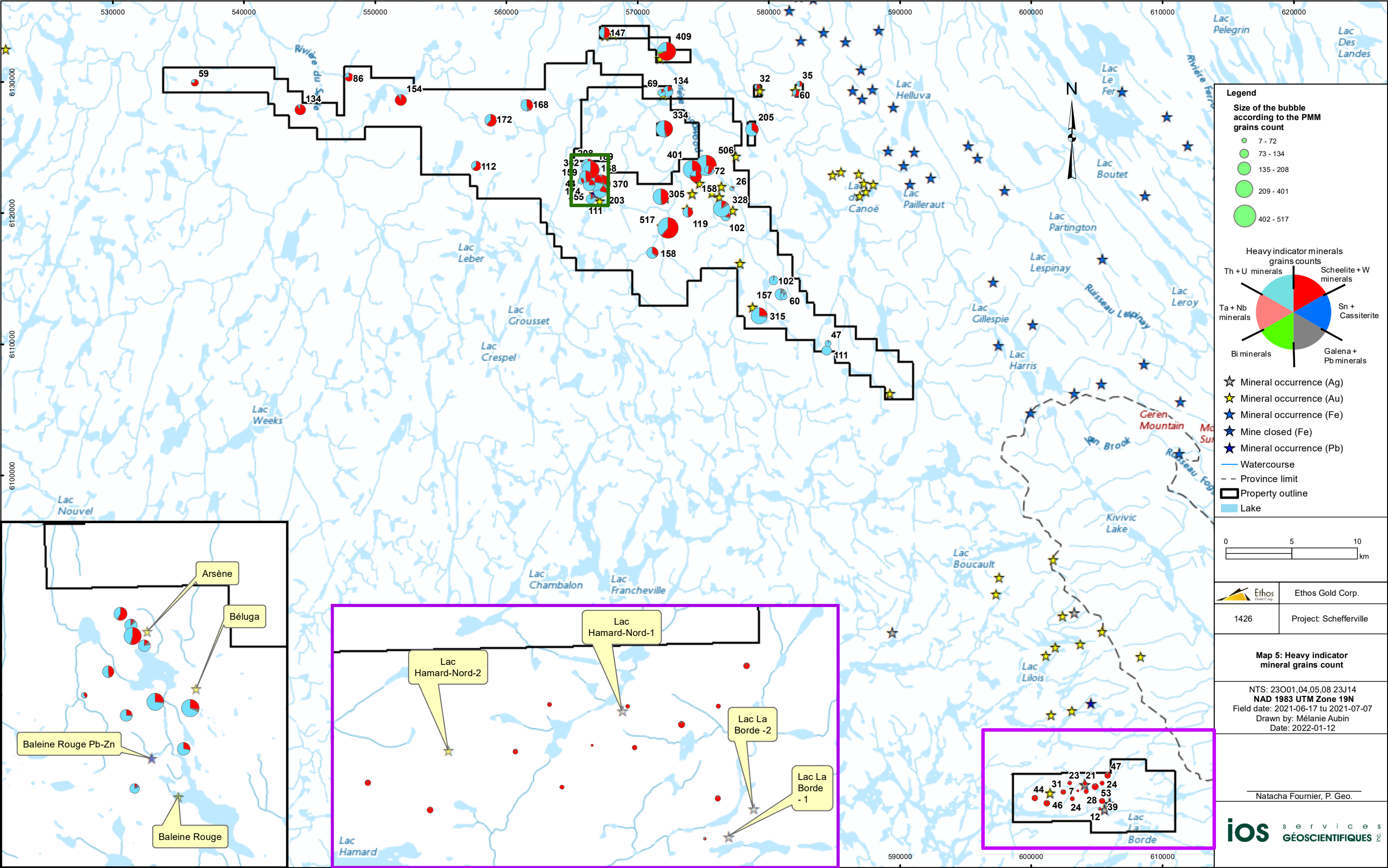
| Sample    | Ag-Dominant | As-Dominant | Bi-Dominant | Hg-Dominant | Galena | Pb-Oxide ? | Scheelite | Wolframite | Nb-Dominant | Ta-Dominant | Th-Dominant | U-Dominant | Sn-Dominant | Cassiterite | Total |
|-----------|-------------|-------------|-------------|-------------|--------|------------|-----------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------|
| 142620001 | 0           | 0           | 0           | 0           | 1      | 10         | 13        | 0          | 0           | 0           | 160         | 3          | 0           | 2           | 189   |
| 142620002 | 0           | 0           | 0           | 0           | 0      | 16         | 20        | 0          | 0           | 1           | 129         | 2          | 0           | 0           | 168   |
| 142620003 | 0           | 1           | 0           | 0           | 0      | 3          | 10        | 0          | 2           | 1           | 90          | 0          | 4           | 1           | 112   |
| 142620004 | 0           | 0           | 0           | 1           | 0      | 3          | 1         | 0          | 0           | 0           | 96          | 1          | 0           | 1           | 103   |
| 142620005 | 0           | 0           | 0           | 0           | 0      | 13         | 2         | 0          | 0           | 0           | 142         | 0          | 0           | 0           | 157   |
| 142620006 | 0           | 0           | 0           | 0           | 0      | 2          | 2         | 0          | 0           | 0           | 56          | 0          | 0           | 0           | 60    |
| 142620007 | 0           | 0           | 0           | 0           | 0      | 21         | 99        | 0          | 0           | 0           | 247         | 1          | 1           | 1           | 370   |
| 142620008 | 0           | 0           | 0           | 0           | 0      | 1          | 1         | 0          | 0           | 0           | 108         | 1          | 0           | 0           | 111   |
| 142620009 | 0           | 0           | 0           | 0           | 1      | 1          | 0         | 0          | 0           | 0           | 43          | 2          | 0           | 0           | 47    |
| 142620010 | 0           | 0           | 0           | 0           | 0      | 2          | 2         | 55         | 0           | 0           | 138         | 6          | 0           | 0           | 203   |
| 142620011 | 0           | 0           | 0           | 0           | 0      | 14         | 1         | 74         | 0           | 0           | 226         | 0          | 0           | 0           | 315   |
| 142620012 | 0           | 0           | 0           | 0           | 1      | 7          | 6         | 85         | 0           | 0           | 252         | 4          | 0           | 0           | 355   |
| 142620013 | 1           | 0           | 0           | 0           | 0      | 5          | 34        | 82         | 0           | 0           | 85          | 2          | 0           | 0           | 209   |
| 142620014 | 0           | 0           | 1           | 0           | 0      | 1          | 3         | 166        | 0           | 1           | 333         | 1          | 0           | 0           | 506   |
| 142620015 | 0           | 0           | 0           | 0           | 0      | 5          | 2         | 39         | 0           | 0           | 125         | 3          | 0           | 0           | 174   |
| 142620016 | 0           | 0           | 0           | 0           | 0      | 5          | 2         | 25         | 0           | 0           | 69          | 1          | 0           | 0           | 102   |
| 142620017 | 0           | 0           | 0           | 0           | 0      | 0          | 0         | 38         | 0           | 0           | 34          | 0          | 0           | 0           | 72    |
| 142620018 | 0           | 0           | 0           | 0           | 0      | 8          | 107       | 85         | 0           | 0           | 161         | 1          | 0           | 0           | 362   |
| 142620019 | 0           | 0           | 0           | 0           | 0      | 2          | 0         | 73         | 0           | 3           | 80          | 1          | 0           | 0           | 159   |
| 142620020 | 0           | 0           | 0           | 0           | 0      | 1          | 0         | 17         | 0           | 0           | 26          | 0          | 0           | 0           | 44    |
| 142620021 | 0           | 0           | 0           | 0           | 1      | 19         | 0         | 34         | 0           | 1           | 272         | 1          | 0           | 0           | 328   |
| 142620022 | 0           | 0           | 0           | 0           | 2      | 0          | 0         | 4          | 0           | 0           | 20          | 0          | 0           | 0           | 26    |
| 142620023 | 0           | 0           | 0           | 0           | 1      | 4          | 56        | 18         | 0           | 0           | 63          | 5          | 0           | 0           | 147   |
| 142620024 | 0           | 0           | 0           | 0           | 0      | 11         | 9         | 140        | 0           | 0           | 168         | 6          | 0           | 0           | 334   |
| 142620025 | 0           | 0           | 17          | 0           | 1      | 2          | 186       | 96         | 0           | 0           | 106         | 1          | 0           | 0           | 409   |
| 142620026 | 0           | 0           | 0           | 0           | 0      | 1          | 0         | 16         | 0           | 0           | 15          | 0          | 0           | 0           | 32    |
| 142620027 | 1           | 0           | 0           | 0           | 0      | 1          | 10        | 7          | 0           | 0           | 17          | 0          | 0           | 0           | 36    |
| 142620028 | 0           | 0           | 0           | 0           | 1      | 2          | 17        | 15         | 0           | 1           | 24          | 0          | 0           | 0           | 60    |
| 142620029 | 0           | 0           | 2           | 0           | 0      | 4          | 5         | 17         | 0           | 0           | 105         | 1          | 0           | 0           | 134   |
| 142620030 | 0           | 0           | 0           | 0           | 0      | 4          | 0         | 8          | 0           | 0           | 56          | 1          | 0           | 0           | 69    |
| 142620031 | 1           | 0           | 1           | 0           | 0      | 5          | 6         | 63         | 0           | 1           | 126         | 3          | 0           | 0           | 206   |
| 142620032 | 1           | 0           | 0           | 0           | 0      | 9          | 78        | 72         | 3           | 1           | 235         | 3          | 0           | 0           | 402   |
| 142620033 | 0           | 0           | 0           | 0           | 0      | 1          | 87        | 30         | 0           | 0           | 35          | 1          | 4           | 0           | 158   |
| 142620034 | 0           | 0           | 0           | 0           | 0      | 0          | 0         | 22         | 0           | 0           | 1           | 0          | 0           | 0           | 23    |
| 142620035 | 0           | 0           | 0           | 0           | 0      | 0          | 0         | 30         | 0           | 0           | 1           | 0          | 0           | 0           | 31    |
| 142620036 | 0           | 0           | 0           | 0           | 0      | 0          | 0         | 45         | 0           | 0           | 1           | 0          | 0           | 0           | 46    |
| 142620037 | 0           | 0           | 0           | 0           | 0      | 0          | 12        | 31         | 0           | 0           | 1           | 0          | 0           | 0           | 44    |
| 142620038 | 0           | 0           | 0           | 0           | 0      | 0          | 1         | 23         | 0           | 0           | 0           | 0          | 0           | 0           | 24    |
| 142620039 | 0           | 0           | 0           | 0           | 3      | 5          | 14        | 38         | 0           | 0           | 95          | 3          | 0           | 0           | 158   |
| 142620040 | 0           | 0           | 0           | 0           | 0      | 0          | 1         | 6          | 0           | 0           | 0           | 0          | 0           | 0           | 7     |
| 142620041 | 0           | 0           | 0           | 0           | 0      | 0          | 0         | 21         | 0           | 0           | 0           | 0          | 0           | 0           | 21    |

**Table 8:** Summary of accessory heavy mineral detected from the ARTGold™ process.

| Sample       | Ag-Dominant | As-Dominant | Bi-Dominant | Hg-Dominant | Galena    | Pb-Oxide ? | Scheelite   | Wolframite  | Nb-Dominant | Ta-Dominant | Th-Dominant | U-Dominant | Sn-Dominant | Cassiterite | Total       |
|--------------|-------------|-------------|-------------|-------------|-----------|------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|
| 142620042    | 0           | 0           | 0           | 0           | 0         | 0          | 0           | 28          | 0           | 0           | 0           | 0          | 0           | 0           | 28          |
| 142620043    | 0           | 0           | 0           | 0           | 2         | 0          | 0           | 43          | 0           | 0           | 1           | 0          | 0           | 1           | 47          |
| 142620044    | 0           | 0           | 0           | 0           | 0         | 0          | 8           | 16          | 0           | 0           | 0           | 0          | 0           | 0           | 24          |
| 142620045    | 1           | 0           | 0           | 0           | 1         | 0          | 0           | 50          | 0           | 0           | 2           | 0          | 0           | 0           | 54          |
| 142620046    | 0           | 0           | 0           | 0           | 0         | 0          | 0           | 37          | 0           | 0           | 2           | 0          | 0           | 0           | 39          |
| 142620047    | 0           | 0           | 0           | 0           | 0         | 0          | 0           | 8           | 0           | 0           | 4           | 0          | 0           | 0           | 12          |
| 142620048    | 0           | 0           | 0           | 0           | 0         | 0          | 0           | 44          | 0           | 0           | 15          | 0          | 0           | 0           | 59          |
| 142620049    | 0           | 0           | 0           | 0           | 0         | 2          | 7           | 62          | 0           | 0           | 41          | 0          | 0           | 0           | 112         |
| 142620050    | 0           | 0           | 0           | 0           | 0         | 1          | 0           | 63          | 0           | 0           | 21          | 0          | 0           | 1           | 86          |
| 142620051    | 0           | 0           | 0           | 0           | 0         | 0          | 40          | 83          | 0           | 0           | 11          | 0          | 0           | 0           | 134         |
| 142620052    | 0           | 0           | 0           | 0           | 0         | 1          | 111         | 30          | 0           | 1           | 11          | 0          | 0           | 0           | 154         |
| 142620053    | 0           | 0           | 0           | 0           | 0         | 2          | 26          | 78          | 0           | 0           | 64          | 2          | 0           | 0           | 172         |
| 142620054    | 0           | 0           | 0           | 0           | 0         | 11         | 8           | 63          | 0           | 0           | 86          | 0          | 0           | 0           | 168         |
| 142620055    | 0           | 0           | 0           | 0           | 0         | 8          | 100         | 45          | 0           | 0           | 150         | 2          | 0           | 0           | 305         |
| 142620056    | 0           | 0           | 0           | 0           | 0         | 2          | 21          | 36          | 0           | 0           | 60          | 0          | 0           | 0           | 119         |
| 142620058    | 0           | 0           | 0           | 0           | 0         | 9          | 129         | 183         | 0           | 0           | 186         | 10         | 0           | 0           | 517         |
| <b>Total</b> | <b>5</b>    | <b>1</b>    | <b>21</b>   | <b>1</b>    | <b>15</b> | <b>224</b> | <b>1237</b> | <b>2344</b> | <b>5</b>    | <b>11</b>   | <b>4595</b> | <b>68</b>  | <b>9</b>    | <b>7</b>    | <b>8543</b> |

**Table 8:** Summary of accessory heavy mineral detected from the ARTGold™ process.





- A total of 1237 grains of scheelite ( $\text{CaWO}_4$ ) and 2344 grains of wolframite ( $(\text{Fe,Mn})\text{WO}_4$ ) were counted over all samples, with a maximum of 186 grains of scheelite in sample 142620025. These are commonly associated with gold ubiquitous in orogenic gold deposit or in greisens alteration in peraluminous granitoids. Tungsten minerals are ubiquitous, although concentrates are dominantly found in samples around the granodiorite in Sable block. They might represent the signature of hydrothermalism affecting the metatexites and iron formation, but driven by the intrusion of the granodiorite.
- Lead minerals are not abundant with a total of 239 grains, including 15 grains of galena and a maximum count of 21 grains in sample 142620007. An exact classification of the minerals has not been conducted. Galena has been reported in lode gold-type deposits but is normally more common in low temperature zones surrounding porphyry-type ore deposits. These are scattered in samples from Sable block
- Bismuth minerals are not abundant, with 21 grains detected and a maximum count of 17 grains isolated in sample 142620025. These minerals are commonly associated with low-temperature hydrothermal gold mineralization. These are dominantly from samples collected in Goodwood River area.
- Eleven grains of a Ta-bearing mineral, and five grains of a Nb-bearing mineral were detected. Niobium and tantalum minerals are likely derived from alkaline magmatic rocks, possibly in pegmatites of the LCT family.
- A total of 7 grains of cassiterite  $\text{SnO}_2$  and 9 grains of other Sn-minerals were detected with a maximum of 4 grains of cassiterite in sample 142620001 and 4 grains of other Sn-minerals in sample 142620003. Tin minerals are commonly associated with wolframite in greisens alteration or per-aluminous granites.
- A total of 5 grains of Ag-minerals minerals were counted with a maximum of 1 grain in five distinct samples. These minerals might have included native silver and acanthite ( $\text{Ag}_2\text{S}$ ).
- One grain of As-minerals was counted in sample 142620003.
- One grain of cinnabar or Hg-minerals was counted in sample 142620004. Such Hg-bearing minerals have been reported in lode gold-type deposits, but are

usually more abundant in low sulphidation epithermal deposits. However, it is unusual for mercury minerals to be detected while the gold grains have no signs of amalgamation.

No chalcopyrite, sphalerite or chromite was recovered in the <50 µm fraction. The density of these minerals is not high enough for them to be recovered efficiently with the fluidized bed and be retained by BSE imaging. Hence, their paucity do not imply low abundances in the samples.

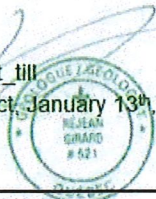
## CONCLUSIONS

- Of the 57 till samples collected, a total of 295 gold grains were recovered, which represent a meagre average of 5.18 grains per sample. This average is similar to the one obtained in other adjacent surveys.
- Distribution modelling suggests a 6 grains per 10 kilograms of sifted material as anomaly threshold, exceeded in 25 samples.
- Pristine grains are abnormally not abundant.
- The till composition is abnormally sand poor, despite their appearance. The origin of this material is debatable, and suggests either significant recycling of former glaciolacustrine sediments, or the erosion of a former extensive regolith. The phenomenon has been documented in other surveys conducted in the area.
- Gold grain size distribution is normal, and no excess of large grains is noted despite the metamorphic overprint on the various mineralized occurrence.
- The gold grains are abnormally fine, as would be expected from high-temperature hydrothermalism or if they were affected by superficial weathering.
- An orientation sampling program has been conducted in the vicinity of Arsène, Beluga and Baleine Rouge occurrences, indicated that best counts are located a few hundred metres south of the occurrence. Still, the dispersion pattern remains fuzzy and uncertain.
- Anomalous counts were obtained in samples from various targets, such as on Hammard block, Rusty-Acres and Goodwood River area, as well as targets 13, 14, 22, 24, 25, 38 and 47. Minor iron formations are reported associated with the anomalies, but not in all of them.
- No anomalous till samples were obtained on targets 1, 2, 12, 16, 17, 18, 19, 26, 34, 37, 39, 41, 42. However, sampling was limited and may fail to detect signal.



Respectfully submitted

1426-2021\_Report\_till  
Schefferville Project, January 13<sup>th</sup>, 2022



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**Réjean Girard, P. Geo.**  
OGQ n° 521

1426-2021\_Report\_till  
Schefferville Project, January 13<sup>th</sup>, 2022



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**Natacha Fournier, P. Geo.**  
OGQ n° 598

**Contributions:**

Patrice Villeneuve, P. Geo, quaternary geology  
Karen Gagné, P. Chemist, quality control  
Jonathan Tremblay, P. Eng., SEM analysis  
Karine Desbiens, edition  
Mélanie Aubin, GIS specialist, drafting

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## **APPENDIX 1**

### DAILY REPORTS

|                                                                            |                     |                          |                                                      |                                    |                                  |                              |                       |                |
|----------------------------------------------------------------------------|---------------------|--------------------------|------------------------------------------------------|------------------------------------|----------------------------------|------------------------------|-----------------------|----------------|
| <b>Daily report</b>                                                        |                     | <b>Date :</b> 2021-06-17 |                                                      | PROJECT :1426                      | CAMP : Guest house Schefferville | WEATHER :cloudy and rain 10C |                       |                |
|                                                                            |                     |                          |                                                      | Ethos Gold Corporation             | RESP. : Réjean Girard            | SIGNATURE :                  |                       |                |
|                                                                            |                     |                          |                                                      | Daily call :                       |                                  |                              |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                               |                     |                          |                                                      |                                    |                                  |                              |                       |                |
| Mobilization of the crew from St-Honoré to Schefferville. Flight was fine. |                     |                          |                                                      |                                    |                                  |                              |                       |                |
| <b>COMMENTS ABOUT GEOLOGY</b>                                              |                     |                          |                                                      |                                    |                                  |                              |                       |                |
|                                                                            |                     |                          |                                                      |                                    |                                  |                              |                       |                |
|                                                                            | <b>Staff</b>        | <b>Group</b>             | <b>Title; Daily task</b>                             | <b>Overnight</b>                   | <b>Time</b>                      | <b>Out of Camp</b>           | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                          | Réjean Girard       | IOS                      | Geologist; Mobilization                              | Guest house                        | 4                                |                              |                       |                |
| 2                                                                          | Gennady Ivanov      | IOS                      | Senior Geologist; already on site (worked on 1379)   | Guest house                        | 0                                |                              |                       |                |
| 3                                                                          | Frédéric Lalancette | IOS                      | Field assistant; mobilization                        | Guest house                        | 4                                |                              |                       |                |
| 4                                                                          | Jérémy Bournet      | IOS                      | Field assistant; mobilization                        | Guest house                        | 4                                |                              |                       |                |
| 5                                                                          | Jérôme Turcotte     | IOS                      | Field assistant; mobilization                        | Guest house                        | 4                                |                              |                       |                |
| 6                                                                          | Dan-Elie Surprenant | Can. Helico.             | Helicopter pilot (Canadian Helicopter); mobilization | Guest house                        | -                                |                              |                       |                |
| 7                                                                          | Yanick Paquin       | Can. Helico.             | Mechanic (Canadian Helicopter); mobilization         | Guest house                        | -                                |                              |                       |                |
| 8                                                                          |                     |                          |                                                      |                                    |                                  |                              |                       |                |
| 9                                                                          |                     |                          |                                                      |                                    |                                  |                              |                       |                |
| 10                                                                         |                     |                          |                                                      |                                    |                                  |                              |                       |                |
| 11                                                                         |                     |                          |                                                      |                                    |                                  |                              |                       |                |
| 12                                                                         |                     |                          |                                                      |                                    |                                  |                              |                       |                |
| 13                                                                         |                     |                          |                                                      |                                    |                                  |                              |                       |                |
| 14                                                                         |                     |                          |                                                      |                                    |                                  |                              |                       |                |
| 15                                                                         |                     |                          |                                                      |                                    |                                  |                              |                       |                |
|                                                                            |                     |                          |                                                      | TOTAL NUMBER ON CAMP               | 7                                |                              |                       |                |
| SEAPLANE FLIGHT :                                                          |                     |                          |                                                      | MECHANICAL PROBLEM :               |                                  |                              |                       |                |
| HELICOPTER FLIGHT (hr): 4                                                  |                     |                          |                                                      | ACCIDENT :                         |                                  |                              |                       |                |
| TRUCK TRIP :                                                               |                     |                          |                                                      | TIMEOUT :                          |                                  |                              |                       |                |
| SAMPLES Rock: Till:                                                        |                     |                          |                                                      | IMPROVEMENT TO DO :                |                                  |                              |                       |                |
| PURCHASE :                                                                 |                     |                          |                                                      |                                    |                                  |                              |                       |                |
| MOBILIZATION (hr) : 4                                                      |                     |                          |                                                      |                                    |                                  |                              |                       |                |
| DEMOBILIZATION (hr):                                                       |                     |                          |                                                      | DISCIPLINARY ADVISE :              |                                  |                              |                       |                |
| HELICOPTER Departure 14.0 Arrival: 17.30                                   |                     |                          |                                                      | VERIFICATION :                     |                                  |                              |                       |                |
| RESIDUAL BUDGET :                                                          |                     |                          |                                                      | BILLING :                          |                                  |                              |                       |                |
|                                                                            |                     |                          |                                                      | IOS Services Géoscientifiques inc. |                                  |                              |                       |                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                        |                                                                    |                              |             |                    |                       |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------|--------------------------------------------------------------------|------------------------------|-------------|--------------------|-----------------------|----------------|
| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Date :</b> 2021-06-18 | PROJECT :1426          | CAMP : Guest house Schefferville                                   | WEATHER :cloudy and rain 10C |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          | Ethos Gold Corporation | RESP. : Réjean Girard                                              | SIGNATURE :                  |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          | Daily call :           |                                                                    |                              |             |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                        |                                                                    |                              |             |                    |                       |                |
| Morning: Security briefing and introduction to the project and its geology. Morning, visit to Rusty Acres to get familiar with local geology. Then the crew moved to the Arsène occurrence. The crew finally visited the Lac Canoe occurrence, which is the most reputed one.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                                    |                              |             |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                                    |                              |             |                    |                       |                |
| <b>Rusty Acres :</b> Quite deceptive occurrences, with scattered patches of rusty paragneiss and mafic gneiss cattered over 100-200 metres. Poorly sampled. <b>Arsène :</b> Extensively stripped and channel sampled. It is composed of silicate banded iron formation, with trace-% magnetite, pyrrhoite and arsenopyrite. Quality of sampling is questionable, channels are not thorough and not deep enough. Three hole collars were located, two of which are vertical within the mineralized area, while the last dips at -45W, but is parallel to the zone, not perpendicular. The zone is stripped over 100-150 metres, about 10-20 metres wide, and surprisingly continuous. <b>Lac Canoe :</b> Quite small and discontinuous. The zone is in amphibolite or silicate iron formation, heavily dismembered and lumpy in a late granite. It is about 50 metres long and 10 metres wide, discontinuous, 0-5% pyrrhoite and arsenopyrite. Will unlikely be large enough to justify further work. |                          |                        |                                                                    |                              |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                                           | <b>Overnight</b>             | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Réjean Girard            | IOS                    | Geologist; Project introduction and regional geology review        | Guest house                  | 11.5        |                    |                       |                |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Gennady Ivanov           | IOS                    | Senior Geologist; Project introduction and regional geology review | Guest house                  | 11.5        |                    |                       |                |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Frédéric Lalancette      | IOS                    | Field assistant; Project introduction and regional geology review  | Guest house                  | 11.5        |                    |                       |                |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Jérémy Bournet           | IOS                    | Field assistant; Project introduction and regional geology review  | Guest house                  | 11.5        |                    |                       |                |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Jérôme Turcotte          | IOS                    | Field assistant; Project introduction and regional geology review  | Guest house                  | 11.5        |                    |                       |                |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)                             | Guest house                  | -           |                    |                       |                |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                                     | Guest house                  | -           |                    |                       |                |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                                    |                              |             |                    |                       |                |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                                    |                              |             |                    |                       |                |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                                    |                              |             |                    |                       |                |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                                    |                              |             |                    |                       |                |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                                    |                              |             |                    |                       |                |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                                    |                              |             |                    |                       |                |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                                    |                              |             |                    |                       |                |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                                    |                              |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                        |                                                                    | TOTAL NUMBER ON CAMP         | 7           |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                                    | MECHANICAL PROBLEM :         |             |                    |                       |                |
| HELICOPTER FLIGHT (hr): 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                                    | ACCIDENT :                   |             |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                        |                                                                    | TIMEOUT :                    |             |                    |                       |                |
| SAMPLES Rock: Till:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                                    | IMPROVEMENT TO DO :          |             |                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                                    |                              |             |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                                    |                              |             |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                                    | DISCIPLINARY ADVISE :        |             |                    |                       |                |
| HELICOPTER Departure 10:30 Arrival: 17:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                                    | VERIFICATION :               |             |                    |                       |                |
| RESIDUAL BUDGET : EXPENSE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                                    | BILLING :                    |             |                    |                       |                |
| IOS Services Géoscientifiques inc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                                    |                              |             |                    |                       |                |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                               |                                        |             |                    |                       |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------|---------------------------------------------------------------|----------------------------------------|-------------|--------------------|-----------------------|----------------|
| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Date :</b> 2021-06-19 | PROJECT :1426          | CAMP : Guest house Schefferville                              | WEATHER :cloudy and light rain and fog |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          | Ethos Gold Corporation | RESP. : Réjean Girard                                         | SIGNATURE :                            |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          | Daily call :           |                                                               |                                        |             |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                               |                                        |             |                    |                       |                |
| <p>Réjean, Jérôme and Frédéric: Visited target 40, which consists of a large set of outcrop (oriented N112/90) of metatexite and mafic gneiss. Collected 7 samples in sulphidic rocks with trace of graphite and pyrrhotite with local occurrences of pyrite, chalcopyrite and bornite associated with silicified and foliated rocks. One heavily sulphidic boulder has been sampled. The ended the day with a quick visit to target 18. Gennady and Jérémy visited target 38 where they found only blocks of garnet paragneiss with very little sulphides. On target 39 they found outcrops of garnet paragneiss with traces of pyrrhotite, outcrops of silicate facies iron formation which are magnetite bearing with traces pyrrhotite and pyrite, and amphibolite (mafic gneiss) enclaves in granite outcrops. Finally, on target 37, they found amphibolite outcrops hosted in metatexite with trace of pyrrhotite and evidences of silicification. A total of 13 samples were collected, all but on one outcrops.</p> |                          |                        |                                                               |                                        |             |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                               |                                        |             |                    |                       |                |
| <p>The area is dominated by biotite-hypersthene-garnet metatexites (highly metamorphosed wackes). The are no indications of aluminous sediments (shale). The metatexites contain pieces of mafic gneisses and amphibolites with length from few metres to hundreds of metres. Locally, there are oxidized layers and pods with 0-2% sulphides (Po with minor Py and Cp). The layers are surprisingly continuous. Quartz veins and ribbons are scarce. There is a local increase in silicification with occasional increase in magnetite content, which suggests remains of iron formations. Toward the north, the metatexites become diatexites with a granitic look.</p>                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                               |                                        |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                                      | <b>Overnight</b>                       | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Réjean Girard            | IOS                    | Geologist; Reconnaissance work (target 40)                    | Guest house                            | 11.5        |                    |                       |                |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Gennady Ivanov           | IOS                    | Senior Geologist; Reconnaissance work (targets 37, 38 and 39) | Guest house                            | 11.5        |                    |                       |                |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Frédéric Lalancette      | IOS                    | Field assistant; Reconnaissance work (target 40)              | Guest house                            | 11.5        |                    |                       |                |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Jérémy Bournet           | IOS                    | Field assistant; Reconnaissance work (targets 37, 38 and 39)  | Guest house                            | 11.5        |                    |                       |                |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Jérôme Turcotte          | IOS                    | Field assistant; Reconnaissance work (target 40)              | Guest house                            | 11.5        |                    |                       |                |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)                        | Guest house                            | -           |                    |                       |                |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                                | Guest house                            | -           |                    |                       |                |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                               |                                        |             |                    |                       |                |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                               |                                        |             |                    |                       |                |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                               |                                        |             |                    |                       |                |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                               |                                        |             |                    |                       |                |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                               |                                        |             |                    |                       |                |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                               |                                        |             |                    |                       |                |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                               |                                        |             |                    |                       |                |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                               |                                        |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                               | TOTAL NUMBER ON CAMP                   | 7           |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                               | MECHANICAL PROBLEM :                   |             |                    |                       |                |
| HELICOPTER FLIGHT (hr): 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                               | ACCIDENT :                             |             |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                               | TIMEOUT :                              |             |                    |                       |                |
| SAMPLES Rock: 14 Till:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                               | IMPROVEMENT TO DO :                    |             |                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                               |                                        |             |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                               |                                        |             |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                        |                                                               | DISCIPLINARY ADVISE :                  |             |                    |                       |                |
| HELICOPTER Departure 09:30 Arrival: 17:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                               | VERIFICATION :                         |             |                    |                       |                |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                               | BILLING :                              |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                               | EXPENSE:                               |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                               | IOS Services Géoscientifiques inc.     |             |                    |                       |                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                                   |                                    |             |                    |                       |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------|-------------------------------------------------------------------|------------------------------------|-------------|--------------------|-----------------------|-----------------|
| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date :</b> 2021-06-20 | PROJECT :1426          | CAMP : Guest house Schefferville                                  | WEATHER :Nice and sunny            |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          | Ethos Gold Corporation | RESP. : Réjean Girard                                             | SIGNATURE :                        |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          | Daily call :           |                                                                   |                                    |             |                    |                       |                 |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                                   |                                    |             |                    |                       |                 |
| <p>Réjean, Jérôme and Jérémy spent the day on Arsène stripping (target 31), completing a rough mapping, taking structural measurement and resampling one of the channels. Historical channel sampling is not systematic, leaving large unsampled gaps across the iron formation. The rusty paragneiss was not sampled at all. The area would benefit being prospected with Beep Mat due to thin overburden, prospecting that apparently never been conducted. Gennady and Frédéric visited target 18 where they reported a single outcrop of metatextite with amphibolite enclaves, affected by late silicification and epidote alteration. A quartz vein has been sampled. Then they visited target 41 where 5 samples were collected. Again the area would benefit being prospected with Beep Mat. A single outcrop of iron formation interlayered with metatextite was found on targets 19 et 21.</p>                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                                   |                                    |             |                    |                       |                 |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                                   |                                    |             |                    |                       |                 |
| <p><b>Arsène:</b> The iron formation is complexly folded, with a large isoclinal reclined fold. The drillhole perpendicular to the general trend aimed at the fold hinge. Although the metatextite has foliation and drag fold that match the reclined fold, the drag folds in the iron formation do not match the same pattern. Evidences of hook fold and canoe fold were noted, suggesting multiple phase of folding. Tracking the horizon in the third dimension can thus be complex. It is likely that the hole targeting the hinge did undershoot the zone. The mineralized horizon is lost at both ends under the overburden, and thus open. Overburden is thin, but quite thorough, so it would be easy to hide the mineralized zone between the rare outcrops. <b>Target 41:</b> The area is dominated by migmatite, with metric to decimetric bands of silicate facies iron formation, injected by quartz veins. <b>Silicate iron formations embedded in wacke (metatextite) sequences are classical setting for gold mineralization and deserve further effort of prospecting. These are quite tectonized and boudinaged at most occurrences, except Arsene. The area should be thoroughly prospected, but it would require massive efforts.</b></p> |                          |                        |                                                                   |                                    |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                                          | <b>Overnight</b>                   | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Fracture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Réjean Girard            | IOS                    | Geologist; Reconnaissance work (target 31)                        | Guest house                        | 11.5        |                    |                       |                 |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Gennady Ivanov           | IOS                    | Senior Geologist; Reconnaissance work (targets 18, 19, 21 and 41) | Guest house                        | 11.5        |                    |                       |                 |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Frédéric Lalancette      | IOS                    | Field assistant; Reconnaissance work (targets 18, 19, 21 and 41)  | Guest house                        | 11.5        |                    |                       |                 |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Jérémy Bournet           | IOS                    | Field assistant; Reconnaissance work (target 31)                  | Guest house                        | 11.5        |                    |                       |                 |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Jérôme Turcotte          | IOS                    | Field assistant; Reconnaissance work (target 31)                  | Guest house                        | 11.5        |                    |                       |                 |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)                            | Guest house                        | -           |                    |                       |                 |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                                    | Guest house                        | -           |                    |                       |                 |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                                   |                                    |             |                    |                       |                 |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                                   |                                    |             |                    |                       |                 |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                                   |                                    |             |                    |                       |                 |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                                   |                                    |             |                    |                       |                 |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                                   |                                    |             |                    |                       |                 |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                                   |                                    |             |                    |                       |                 |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                                   |                                    |             |                    |                       |                 |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                                   |                                    |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                                   | TOTAL NUMBER ON CAMP               | 7           |                    |                       |                 |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                                   | MECHANICAL PROBLEM :               |             |                    |                       |                 |
| HELICOPTER FLIGHT (hr): 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                                   | ACCIDENT :                         |             |                    |                       |                 |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                                   | TIMEOUT :                          |             |                    |                       |                 |
| SAMPLES Rock: 19 Till:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                                   | IMPROVEMENT TO DO :                |             |                    |                       |                 |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                        |                                                                   |                                    |             |                    |                       |                 |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                                   |                                    |             |                    |                       |                 |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                                   | DISCIPLINARY ADVISE :              |             |                    |                       |                 |
| HELICOPTER Departure 08:30 Arrival: 17:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                                   | VERIFICATION :                     |             |                    |                       |                 |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                                   | BILLING :                          |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                                   | IOS Services Géoscientifiques inc. |             |                    |                       |                 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                              |                                    |             |                    |                       |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------|--------------------------------------------------------------|------------------------------------|-------------|--------------------|-----------------------|----------------|
| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Date :</b> 2021-06-21 | PROJECT :1426          | CAMP : Guest house Schefferville                             | WEATHER :Nice and sunny            |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          | Ethos Gold Corporation | RESP. : Réjean Girard                                        | SIGNATURE :                        |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          | Daily call :           |                                                              |                                    |             |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                              |                                    |             |                    |                       |                |
| <p>Réjean, Jérôme and Frédéric spent the day prospecting the surrounding of Arsène (target 31) using a Beep Mat. The method is effective at detecting sulphidic zone to a depth of 0.5-1 metre, but there is a lot of false signal due to sulphidic paragneiss. The BIF fade into sulphidic paragneiss, that can be traced continuous for another 200-300 metres to the west. Two other stripping made by Vior to the northwest were found. These were not channel sampled by the previous owners. Prospection was also done to the southeast. The 3 drill holes by Vior were not located and no significant outcrops are present. While digging to explain Beep Mat anomaly, 2 till samples were collected. Gennady and Jérémy visited target 2 where boudnaged iron formation were located, hosted in metatexite. After a quick stop at target 42, they move to target 27 where remnant of iron formation and silicated chert were found in matatexite. BIF are boudinaged, typically submetric and discontinuous. The area is likely to be difficult to evaluate properly, outcrops are abundants and there is patch of rusty paragneiss here and there.</p> |                          |                        |                                                              |                                    |             |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                              |                                    |             |                    |                       |                |
| <p>Silicate iron formations embedded in wacke (metatexite) sequences are classical setting for gold mineralization and deserve further effort of prospecting. These are quite tectonized and boudinaged at most occurrences, except Arsene. The area should be thoroughly prospected, but it would require massive efforts.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                              |                                    |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                                     | <b>Overnight</b>                   | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Réjean Girard            | IOS                    | Geologist; Reconnaissance work (target 31)                   | Guest house                        | 11.5        |                    |                       |                |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Gennady Ivanov           | IOS                    | Senior Geologist; Reconnaissance work (targets 2, 27 and 42) | Guest house                        | 11.5        |                    |                       |                |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Frédéric Lalancette      | IOS                    | Field assistant; Reconnaissance work (target 31)             | Guest house                        | 11.5        |                    |                       |                |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Jérémy Bournet           | IOS                    | Field assistant; Reconnaissance work (targets 2, 27 and 42)  | Guest house                        | 11.5        |                    |                       |                |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Jérôme Turcotte          | IOS                    | Field assistant; Reconnaissance work (target 31)             | Guest house                        | 11.5        |                    |                       |                |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)                       | Guest house                        | -           |                    |                       |                |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                               | Guest house                        | -           |                    |                       |                |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                              |                                    |             |                    |                       |                |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                              |                                    |             |                    |                       |                |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                              |                                    |             |                    |                       |                |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                              |                                    |             |                    |                       |                |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                              |                                    |             |                    |                       |                |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                              |                                    |             |                    |                       |                |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                              |                                    |             |                    |                       |                |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                              |                                    |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                              | TOTAL NUMBER ON CAMP               | 7           |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                              | MECHANICAL PROBLEM :               |             |                    |                       |                |
| HELICOPTER FLIGHT (hr): 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                              | ACCIDENT :                         |             |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                              | TIMEOUT :                          |             |                    |                       |                |
| SAMPLES Rock: 21 Till: 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                              | IMPROVEMENT TO DO :                |             |                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                        |                                                              |                                    |             |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                              |                                    |             |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                              | DISCIPLINARY ADVISE :              |             |                    |                       |                |
| HELICOPTER Departure 08:30 Arrival: 17:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                              | VERIFICATION :                     |             |                    |                       |                |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                              | BILLING :                          |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                              | IOS Services Géoscientifiques inc. |             |                    |                       |                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                          |                                               |             |                    |                       |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------|----------------------------------------------------------|-----------------------------------------------|-------------|--------------------|-----------------------|----------------|
| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Date :</b> 2021-06-22 | PROJECT :1426          | CAMP : Guest house Schefferville                         | WEATHER :Nice and sunny, windy and cold front |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          | Ethos Gold Corporation | RESP. : Réjean Girard                                    | SIGNATURE :                                   |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          | Daily call :           |                                                          |                                               |             |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                          |                                               |             |                    |                       |                |
| <p>Réjean, Jérémy and Frédéric spent the day prospecting the surroundings of Baleine Rouge (target 29). They visited a series of stripping made by Vior that were not channel sampled as usual. These cover large blobs of BIF hosted in metatexite and some are extending under a swampy and rocky area with scattered outcrops. Then, the crew visited Baleine-Rouge Pb-Zn (target 29), where we found a stripping with some BIF, a set of outcrops with BIF and pyrite. The Pb-Zn occurrence is not outcropping, but 5 holes that intersected it over a length of 200 metres were found. One till sample was collected south of the large stripping. Gennady and Jérôme spent most of the day on target 20 where sub-metric bands of silicate and oxide IF were observed in metatexites. There are some local associations with chert and sulphidic chert. Wolf occurrence (target 1) has been searched for but not located (large of a boulder field). They also visited target 20 where they only found metatexite with some sulphidic quartz veins.</p> |                          |                        |                                                          |                                               |             |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                          |                                               |             |                    |                       |                |
| <p>Most of the area is made of metatexites, highly contorted but with a rather constant stretching lineation dipping moderately to the west. The Baleine rouge and Baleine rouge Pb-Zn occurrences are linear structures that can be traced up to 300 metres approximately, meaning that undisrupted units may be preserved in the area. However, the BIF are heavily boudinaged and cut by late pegmatite, and thus hard to follow. However, they may be stretch along the stretching foliation. Drilling is very limited except for Baleine Rouge-Pb-Zn. Most holes in BIF are not optimally oriented and channel sampling is nearly inexistant. An IP survey has been conducted over part of the area, and picketed lines are still visible.</p>                                                                                                                                                                                                                                                                                                           |                          |                        |                                                          |                                               |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                                 | <b>Overnight</b>                              | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Réjean Girard            | IOS                    | Geologist; Reconnaissance work (target 29)               | Guest house                                   | 11.5        |                    |                       |                |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Gennady Ivanov           | IOS                    | Senior Geologist; Reconnaissance work (targets 1 and 20) | Guest house                                   | 11.5        |                    |                       |                |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Frédéric Lalancette      | IOS                    | Field assistant; Reconnaissance work (target 29)         | Guest house                                   | 11.5        |                    |                       |                |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Jérémy Bournet           | IOS                    | Field assistant; Reconnaissance work (target 29)         | Guest house                                   | 11.5        |                    |                       |                |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Jérôme Turcotte          | IOS                    | Field assistant; Reconnaissance work (targets 1 and 20)  | Guest house                                   | 11.5        |                    |                       |                |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)                   | Guest house                                   | -           |                    |                       |                |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                           | Guest house                                   | -           |                    |                       |                |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                          |                                               |             |                    |                       |                |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                          |                                               |             |                    |                       |                |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                          |                                               |             |                    |                       |                |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                          |                                               |             |                    |                       |                |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                          |                                               |             |                    |                       |                |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                          |                                               |             |                    |                       |                |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                          |                                               |             |                    |                       |                |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                          |                                               |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                          | TOTAL NUMBER ON CAMP                          | 7           |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                          | MECHANICAL PROBLEM :                          |             |                    |                       |                |
| HELICOPTER FLIGHT (hr): 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                          | ACCIDENT :                                    |             |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                          | TIMEOUT :                                     |             |                    |                       |                |
| SAMPLES Rock: 17 Till: 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                        |                                                          | IMPROVEMENT TO DO :                           |             |                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                          |                                               |             |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                          |                                               |             |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                          | DISCIPLINARY ADVISE :                         |             |                    |                       |                |
| HELICOPTER Departure 08:30 Arrival: 17:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                          | VERIFICATION :                                |             |                    |                       |                |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                          | BILLING :                                     |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                          | IOS Services Géoscientifiques inc.            |             |                    |                       |                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                              |                                               |             |                    |                       |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------|--------------------------------------------------------------|-----------------------------------------------|-------------|--------------------|-----------------------|----------------|
| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Date :</b> 2021-06-23 | PROJECT :1426          | CAMP : Guest house Schefferville                             | WEATHER :Nice and sunny, windy and cold front |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          | Ethos Gold Corporation | RESP. : Réjean Girard                                        | SIGNATURE :                                   |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          | Daily call :           |                                                              |                                               |             |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                              |                                               |             |                    |                       |                |
| <p>Réjean, Jérôme and Jérémy spent the day prospecting the Baleine Rouge occurrence (target 29). It consists of about 6 large rusty areas plus 3 strippings. The zone is made of variegated BIF, either oxide-rich, silicate-rich or even massive sulphide. It is bounded to the north by a garbseschiffer amphibolite or mafic gneiss, and by felsite to the south. To the west, it is offset to the north, either by folding, faulting or duplication. The strippings were not channel sampled. One drill hole by WT has been located. One till sample has been collected, but in many instance, the overburden was too thin and oxidized to be sampled. Gennady and Frédéric went to target 3 where they observed broadly sheared metatexite, with augen garnet porphyroblast. BIF are dismembered, decimetric in size. Mylonitic foliation is quite regular. Then they moved to target 23 looking for The Wolf occurrence, which they were unable to locate. Only rusty paragneiss were sampled. Finally, they visited target 15 where two sub-metric BIF boudins associated with garnet-bearing mafic rocks were located. These were oxide facies BIF with some sulphides.</p> |                          |                        |                                                              |                                               |             |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                              |                                               |             |                    |                       |                |
| <p>The Baleine Rouge occurrence can be traced by straight line of approximately 300 metres without serious evidences of tectonism, meaning that undisrupted units may be preserved in the area. The BIF included pods of quite massive very fine grained pyrrhotite with a fair amount of chalcopyrite stringer. A serie of oxidized blocks were found in a felsenmerr, the location of which fits with where the BIF shall have been located according to other occurrences.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                              |                                               |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                                     | <b>Overnight</b>                              | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Réjean Girard            | IOS                    | Geologist; Reconnaissance work (target 29)                   | Guest house                                   | 11.5        |                    |                       |                |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Gennady Ivanov           | IOS                    | Senior Geologist; Reconnaissance work (targets 3, 23 and 15) | Guest house                                   | 11.5        |                    |                       |                |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Frédéric Lalancette      | IOS                    | Field assistant; Reconnaissance work (targets 3, 23 and 15)  | Guest house                                   | 11.5        |                    |                       |                |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Jérémy Bournet           | IOS                    | Field assistant; Reconnaissance work (target 29)             | Guest house                                   | 11.5        |                    |                       |                |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Jérôme Turcotte          | IOS                    | Field assistant; Reconnaissance work (target 29)             | Guest house                                   | 11.5        |                    |                       |                |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)                       | Guest house                                   | -           |                    |                       |                |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                               | Guest house                                   | -           |                    |                       |                |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                              |                                               |             |                    |                       |                |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                              |                                               |             |                    |                       |                |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                              |                                               |             |                    |                       |                |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                              |                                               |             |                    |                       |                |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                              |                                               |             |                    |                       |                |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                              |                                               |             |                    |                       |                |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                              |                                               |             |                    |                       |                |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                              |                                               |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                              | TOTAL NUMBER ON CAMP                          | 7           |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                              | MECHANICAL PROBLEM :                          |             |                    |                       |                |
| HELICOPTER FLIGHT (hr): 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                              | ACCIDENT :                                    |             |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                              | TIMEOUT :                                     |             |                    |                       |                |
| SAMPLES Rock: 16 Till: 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                              | IMPROVEMENT TO DO :                           |             |                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                              |                                               |             |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                              |                                               |             |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                              | DISCIPLINARY ADVISE :                         |             |                    |                       |                |
| HELICOPTER Departure 08:30 Arrival: 17:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                              | VERIFICATION :                                |             |                    |                       |                |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                              | BILLING :                                     |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                              | IOS Services Géoscientifiques inc.            |             |                    |                       |                |



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| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Date :</b> 2021-06-24 | PROJECT :1426          | CAMP : Guest house Schefferville                  | WEATHER :Rain, mist and wind       |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          | Ethos Gold Corporation | RESP. : Réjean Girard                             | SIGNATURE :                        |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          | Daily call :           |                                                   |                                    |             |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                   |                                    |             |                    |                       |                |
| St-Jean-Baptiste. Departure delayed to 10:00 am due to bad weather and poor visibility. Work halted around 2:00 pm due to rain. Réjean, Jérôme and Frédéric visited target 24, which is a large hill covered by abundant outcrop of metatextite. Rare patches of oxidation related to disseminated sulphide, typically less than a metre across, were found. Only one rusty horizon, about 0.1-0.2 metre across and approximately 10 metre in length was found and sampled. One till sample collected. Gennady and Jérémy visited target 25, directly to the southeast, which consisted of metaeprite with small bands of BIF, decimetre in size and boudinaged. Boudins trails can be traced for up to 25 metres. |                          |                        |                                                   |                                    |             |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                        |                                                   |                                    |             |                    |                       |                |
| No significant findings. Targets of limited interest                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                   |                                    |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                          | <b>Overnight</b>                   | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Réjean Girard            | IOS                    | Geologist; Reconnaissance work (target 24)        | Guest house                        | 11.5        |                    |                       |                |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Gennady Ivanov           | IOS                    | Senior Geologist; Reconnaissance work (target 25) | Guest house                        | 11.5        |                    |                       |                |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Frédéric Lalancette      | IOS                    | Field assistant; Reconnaissance work (target 24)  | Guest house                        | 11.5        |                    |                       |                |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Jérémy Bournet           | IOS                    | Field assistant; Reconnaissance work (target 25)  | Guest house                        | 11.5        |                    |                       |                |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Jérôme Turcotte          | IOS                    | Field assistant; Reconnaissance work (target 24)  | Guest house                        | 11.5        |                    |                       |                |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)            | Guest house                        | -           |                    |                       |                |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                    | Guest house                        | -           |                    |                       |                |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                   |                                    |             |                    |                       |                |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                   |                                    |             |                    |                       |                |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                   |                                    |             |                    |                       |                |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                   |                                    |             |                    |                       |                |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                   |                                    |             |                    |                       |                |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                   |                                    |             |                    |                       |                |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                   |                                    |             |                    |                       |                |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                   |                                    |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                   | TOTAL NUMBER ON CAMP               | 7           |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                   | MECHANICAL PROBLEM :               |             |                    |                       |                |
| HELICOPTER FLIGHT (hr): 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                   | ACCIDENT :                         |             |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                   | TIMEOUT :                          |             |                    |                       |                |
| SAMPLES Rock: 4 Till: 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                   | IMPROVEMENT TO DO :                |             |                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                        |                                                   |                                    |             |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                   |                                    |             |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                   | DISCIPLINARY ADVISE :              |             |                    |                       |                |
| HELICOPTER Departure 10:00 Arrival: 14:00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                   | VERIFICATION :                     |             |                    |                       |                |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                   | BILLING :                          |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                   | IOS Services Géoscientifiques inc. |             |                    |                       |                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                           |                                              |             |                    |                       |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------|-----------------------------------------------------------|----------------------------------------------|-------------|--------------------|-----------------------|----------------|
| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Date :</b> 2021-06-25 | PROJECT :1426          | CAMP : Guest house Schefferville                          | WEATHER :Rain in morning, sunny in afternoon |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          | Ethos Gold Corporation | RESP. : Réjean Girard                                     | SIGNATURE :                                  |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          | Daily call :           |                                                           |                                              |             |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                           |                                              |             |                    |                       |                |
| <p>Réjean, Jérémy and Frédéric mapped the area between Baleine Rouge (target 29) and Beluga (target 30), including two stripping north of Baleine Rouge. Béluga is made of oxide and silicate facies iron formations in metatexite. The area has not been stripped, only with hand shovels, and thus extension is not accurately known. Scattered outcrops only. Gennady and Jérôme visited target 26 where they found rusty metatexites with trace of pyrrhotite and arsenopyrite as well as a metre-wide silicate iron formations. The occurrence described in literature was not located. They then moved to target 44, where nepheline syenite was found, which has local trace of pyrrhotite. The syenite is hosted in metatexite which host centimetre-wide bands of silicate iron formations with trace of sulphides.</p> |                          |                        |                                                           |                                              |             |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                           |                                              |             |                    |                       |                |
| <p>The Beluga zone is made of typical iron formations, which are visible over only a few metre because of overburden. The zone is thus difficult to evaluate. Rockland drill holes were located. Target 24 and 39 seems of limited interest.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                           |                                              |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                                  | <b>Overnight</b>                             | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Réjean Girard            | IOS                    | Geologist; Reconnaissance work (targets 29 and 30)        | Guest house                                  | 11.5        |                    |                       |                |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Gennady Ivanov           | IOS                    | Senior Geologist; Reconnaissance work (targets 26 and 44) | Guest house                                  | 11.5        |                    |                       |                |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Frédéric Lalancette      | IOS                    | Field assistant; Reconnaissance work (targets 29 and 30)  | Guest house                                  | 11.5        |                    |                       |                |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Jérémy Bournet           | IOS                    | Field assistant; Reconnaissance work (targets 29 and 30)  | Guest house                                  | 11.5        |                    |                       |                |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Jérôme Turcotte          | IOS                    | Field assistant; Reconnaissance work (targets 26 and 44)  | Guest house                                  | 11.5        |                    |                       |                |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)                    | Guest house                                  | -           |                    |                       |                |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                            | Guest house                                  | -           |                    |                       |                |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                           |                                              |             |                    |                       |                |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                           |                                              |             |                    |                       |                |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                           |                                              |             |                    |                       |                |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                           |                                              |             |                    |                       |                |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                           |                                              |             |                    |                       |                |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                           |                                              |             |                    |                       |                |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                           |                                              |             |                    |                       |                |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                           |                                              |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                           | TOTAL NUMBER ON CAMP                         | 7           |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                           | MECHANICAL PROBLEM :                         |             |                    |                       |                |
| HELICOPTER FLIGHT (hr): 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                           | ACCIDENT :                                   |             |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                           | TIMEOUT :                                    |             |                    |                       |                |
| SAMPLES Rock: 9 Till: 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                           | IMPROVEMENT TO DO :                          |             |                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                           |                                              |             |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                           |                                              |             |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                           | DISCIPLINARY ADVISE :                        |             |                    |                       |                |
| HELICOPTER Departure 10:00 Arrival: 17:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                           | VERIFICATION :                               |             |                    |                       |                |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                           | BILLING :                                    |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                           | IOS Services Géoscientifiques inc.           |             |                    |                       |                |

|                     |                          |                        |                                  |                         |
|---------------------|--------------------------|------------------------|----------------------------------|-------------------------|
| <b>Daily report</b> | <b>Date :</b> 2021-06-26 | PROJECT :1426          | CAMP : Guest house Schefferville | WEATHER :Nice and sunny |
|                     |                          | Ethos Gold Corporation | RESP. : Réjean Girard            | SIGNATURE :             |
|                     |                          | Daily call :           |                                  |                         |

**COMMENTS ABOUT WORK :**

Réjean, Jérôme and Frédéric mapped the area between Arsène (target 31) and Baleine Rouge (target 29), where outcrops of metatexites are scarce. Only limited traces of oxidation were found. The NW Baleine Rouge stripping area has been remapped and sampled. The showing, near the swamp, is made of IF a few metres across. A channel 5 meter long has been sampled by Rockland, which is at high angle to the foliation, and thus reported thickness is exaggerated. A second very sulfidic iron formation is present further north and has been targeted by hole RF-10-10. The main outcrop shows a 4-5 meter wide highly sulfidic silicate iron formation that apparently never been sampled, beside a barren metatexite outcrop that has been channel sampled over 5 metres. The area has not been stripped. A few till samples were collected around Arsène. Gennady and Jérémy visited target 43 where they found silicate iron formation forming a 2-5 metres horizon that is tectonized but not boudinaged, and continuous over 150 metres. The BIF is rusty and holds a few percents of pyrrhotite, and traces of pyrite and chalcopyrite. It is possibly the best occurrence outside of known showing. They also visited target 9 where outcrops are scarce. They found blocks of silicate IF in a metatexite-dominated area.

**COMMENTS ABOUT GEOLOGY**

The Beluga zone is made of typical iron formations, which are visible over only a few meters because of overburden. The zone is thus difficult to evaluate. It has not been properly sampled by Rockland, and likely not properly targeted by drilling. Target 39 is likely the best occurrence so far outside of Arsène-Beluga-Baleine zone.

|                                           | Staff               | Group        | Title; Daily task                                        | Overnight             | Time | Out of Camp | Where (if out) | Fracture |
|-------------------------------------------|---------------------|--------------|----------------------------------------------------------|-----------------------|------|-------------|----------------|----------|
| 1                                         | Réjean Girard       | IOS          | Geologist; Reconnaissance work (targets 29 and 30)       | Guest house           | 11.5 |             |                |          |
| 2                                         | Gennady Ivanov      | IOS          | Senior Geologist; Reconnaissance work (targets 9 and 43) | Guest house           | 11.5 |             |                |          |
| 3                                         | Frédéric Lalancette | IOS          | Field assistant; Reconnaissance work (targets 29 and 30) | Guest house           | 11.5 |             |                |          |
| 4                                         | Jérémy Bournet      | IOS          | Field assistant; Reconnaissance work (targets 9 and 43)  | Guest house           | 11.5 |             |                |          |
| 5                                         | Jérôme Turcotte     | IOS          | Field assistant; Reconnaissance work (targets 29 and 30) | Guest house           | 11.5 |             |                |          |
| 6                                         | Dan-Elie Surprenant | Can. Helico. | Helicopter pilot (Canadian Helicopter)                   | Guest house           | -    |             |                |          |
| 7                                         | Yanick Paquin       | Can. Helico. | Mechanic (Canadian Helicopter)                           | Guest house           | -    |             |                |          |
| 8                                         |                     |              |                                                          |                       |      |             |                |          |
| 9                                         |                     |              |                                                          |                       |      |             |                |          |
| 10                                        |                     |              |                                                          |                       |      |             |                |          |
| 11                                        |                     |              |                                                          |                       |      |             |                |          |
| 12                                        |                     |              |                                                          |                       |      |             |                |          |
| 13                                        |                     |              |                                                          |                       |      |             |                |          |
| 14                                        |                     |              |                                                          |                       |      |             |                |          |
| 15                                        |                     |              |                                                          |                       |      |             |                |          |
|                                           |                     |              |                                                          | TOTAL NUMBER ON CAMP  | 7    |             |                |          |
| SEAPLANE FLIGHT :                         |                     |              |                                                          | MECHANICAL PROBLEM :  |      |             |                |          |
| HELICOPTER FLIGHT (hr): 3                 |                     |              |                                                          | ACCIDENT :            |      |             |                |          |
| TRUCK TRIP :                              |                     |              |                                                          | TIMEOUT :             |      |             |                |          |
| SAMPLES Rock: 13 Till: 7                  |                     |              |                                                          | IMPROVEMENT TO DO :   |      |             |                |          |
| PURCHASE :                                |                     |              |                                                          |                       |      |             |                |          |
| MOBILIZATION (hr) :                       |                     |              |                                                          |                       |      |             |                |          |
| DEMOBILIZATION (hr):                      |                     |              |                                                          | DISCIPLINARY ADVISE : |      |             |                |          |
| HELICOPTER Departure 08:30 Arrival: 17:30 |                     |              |                                                          | VERIFICATION :        |      |             |                |          |
| RESIDUAL BUDGET :                         |                     |              |                                                          | BILLING :             |      |             |                |          |

IOS Services Géoscientifiques inc.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                                         |                                    |             |                    |                       |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------|-------------------------------------------------------------------------|------------------------------------|-------------|--------------------|-----------------------|-----------------|
| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Date :</b> 2021-06-27 | PROJECT :1426          | CAMP : Guest house Schefferville                                        | WEATHER :Nice and sunny            |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          | Ethos Gold Corporation | RESP. : Réjean Girard                                                   | SIGNATURE :                        |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          | Daily call :           |                                                                         |                                    |             |                    |                       |                 |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                                         |                                    |             |                    |                       |                 |
| <p>Réjean, Jérôme and Jérémy visited the block of claims located to the north of the main property (target 12). The geology is made of gently dipping horizons of paragneiss (not metatextite; 55%), amphibolite (10%), pink pegmatoid (20%) silicate iron formation (5%) and peridotite (10%). Vior reported 6 holes (AX?) in the area, which were targeting apparently a very minor rusty paragneiss horizon, while significant sulphidic zones were barely sampled. The area has been washed to the bedrock by adjacent asker, and only patches of fluvioglacial sandy gravels were available for sampling. The area deserves to be thoroughly mapped and prospected. However, the topography and complexity of the geology will require massive efforts. The crew had a quick look at the lone claim in the granite, which was made of hololeucocrate homogeneous granite. A till sample has been collected. Gennady and Frederic visited targets 6, 7 and 8 where they found bands of silicate iron formation with traces of Po-Py-As (target 8) forming bands up to 4 metres wide and extending for about to 40 meters. On target 7, only paragneiss were located, while on target 6 a 1.5 meter thick band of silicate iron formation with 2-3% sulphides (possibly arsenopyrite) is present. The Disco showings and other mineralized occurrences were not located. No till is present in the area, which has been washed to the bedrock.</p> |                          |                        |                                                                         |                                    |             |                    |                       |                 |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                        |                                                                         |                                    |             |                    |                       |                 |
| <p>The area to the north belongs to a different lithodeme which hosts a different package of metasupracrustal rocks to the amphibolite facies. The diversity suggests a volcanic sequence interbedded with sediment. The ultramafic bodies are likely lumps of metakomatites, as seen near the Grenville front in the parautochthonous belt. The sequence is homoclinal and gently dipping at -25 toward the north. Distinctive horizons can easily be traced for 50-100 metres. Numerous rusty zones, either silicate iron formations or biotite paragneisses were found. They are 1-5 metres thick and typically 50-100 metres long. They may contain a fair abundance of sulphides, up to 50%, either pyrrhotite or pyrite, with trace of chalcopyrite</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                        |                                                                         |                                    |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                                                | <b>Overnight</b>                   | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Fracture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Réjean Girard            | IOS                    | Geologist; Reconnaissance work (target 12 and lone granite claim)       | Guest house                        | 11.5        |                    |                       |                 |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Gennady Ivanov           | IOS                    | Senior Geologist; Reconnaissance work (targets 6, 7 and 8)              | Guest house                        | 11.5        |                    |                       |                 |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Frédéric Lalancette      | IOS                    | Field assistant; Reconnaissance work (targets 6, 7 and 8)               | Guest house                        | 11.5        |                    |                       |                 |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Jérémy Bournet           | IOS                    | Field assistant; Reconnaissance work (target 12 and lone granite claim) | Guest house                        | 11.5        |                    |                       |                 |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Jérôme Turcotte          | IOS                    | Field assistant; Reconnaissance work (target 12 and lone granite claim) | Guest house                        | 11.5        |                    |                       |                 |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)                                  | Guest house                        | -           |                    |                       |                 |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                                          | Guest house                        | -           |                    |                       |                 |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                                         |                                    |             |                    |                       |                 |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                                         |                                    |             |                    |                       |                 |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                                         |                                    |             |                    |                       |                 |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                                         |                                    |             |                    |                       |                 |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                                         |                                    |             |                    |                       |                 |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                                         |                                    |             |                    |                       |                 |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                                         |                                    |             |                    |                       |                 |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                                         |                                    |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                                         | TOTAL NUMBER ON CAMP               | 7           |                    |                       |                 |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                                         | MECHANICAL PROBLEM :               |             |                    |                       |                 |
| HELICOPTER FLIGHT (hr): 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                                         | ACCIDENT :                         |             |                    |                       |                 |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                                         | TIMEOUT :                          |             |                    |                       |                 |
| SAMPLES Rock: 17 Till: 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                                         | IMPROVEMENT TO DO :                |             |                    |                       |                 |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                                         |                                    |             |                    |                       |                 |
| MOBILIZATION (hr) : 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                                         |                                    |             |                    |                       |                 |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                                         | DISCIPLINARY ADVISE :              |             |                    |                       |                 |
| HELICOPTER Departure 08:30 Arrival: 17:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                                         | VERIFICATION :                     |             |                    |                       |                 |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                                         | BILLING :                          |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                                         | IOS Services Géoscientifiques inc. |             |                    |                       |                 |

|                     |                          |                        |                                  |                         |
|---------------------|--------------------------|------------------------|----------------------------------|-------------------------|
| <b>Daily report</b> | <b>Date :</b> 2021-06-28 | PROJECT :1426          | CAMP : Guest house Schefferville | WEATHER :Nice and sunny |
|                     |                          | Ethos Gold Corporation | RESP. : Réjean Girard            | SIGNATURE :             |
|                     |                          | Daily call :           |                                  |                         |

**COMMENTS ABOUT WORK :**  
 Réjean, Jérôme and Frédéric visited the occurrence on Goodwood river (target 14), on the northern block of claim. Extensive outcrops cleaned by the river are present. Because of erosion, structural relations and textures are enhanced and easily observable. A site sampled by Vior returned 2 g/t appears to be a slightly oxidized paragneiss. Hence, a series of such paragneiss were sampled. A few very small sub-metric lumps of BIF were also sampled to test if these were mineralized and hence the mineralization predates deformation. Then, the crew moved to target 16 where metric lumps of silicate iron formation were found floating in a leucocratic granite (or diatexite). One of these sites has been previously blasted and may correspond to an occurrence where vior reported 3 samples above 2 g/t. A till was collected on both site, despite the first being a fluvioglacial terrace. Gennady and Jeremy visited targets 22, where two till and 4 rock samples were collected. The area contains large boudins of BIF. Then they visited target 13, where lumps of silicate BIF up to 5 x 7 metres were located and sampled. These are hosted in metatexite in a deformation zone. Three tills were collected.

**COMMENTS ABOUT GEOLOGY**  
 On all four sites, metre-sized lumps of silicate iron formation were found. These are dismembered but systematically returned above 1 g/t in historic works.

|                                           | Staff               | Group        | Title; Daily task                                         | Overnight                          | Time | Out of Camp | Where (if out) | Fracture |
|-------------------------------------------|---------------------|--------------|-----------------------------------------------------------|------------------------------------|------|-------------|----------------|----------|
| 1                                         | Réjean Girard       | IOS          | Geologist; Reconnaissance work (targets 14 and 16)        | Guest house                        | 11.5 |             |                |          |
| 2                                         | Gennady Ivanov      | IOS          | Senior Geologist; Reconnaissance work (targets 13 and 22) | Guest house                        | 11.5 |             |                |          |
| 3                                         | Frédéric Lalancette | IOS          | Field assistant; Reconnaissance work (targets 14 and 16)  | Guest house                        | 11.5 |             |                |          |
| 4                                         | Jérémy Bournet      | IOS          | Field assistant; Reconnaissance work (targets 13 and 22)  | Guest house                        | 11.5 |             |                |          |
| 5                                         | Jérôme Turcotte     | IOS          | Field assistant; Reconnaissance work (targets 14 and 16)  | Guest house                        | 11.5 |             |                |          |
| 6                                         | Dan-Elie Surprenant | Can. Helico. | Helicopter pilot (Canadian Helicopter)                    | Guest house                        | -    |             |                |          |
| 7                                         | Yanick Paquin       | Can. Helico. | Mechanic (Canadian Helicopter)                            | Guest house                        | -    |             |                |          |
| 8                                         |                     |              |                                                           |                                    |      |             |                |          |
| 9                                         |                     |              |                                                           |                                    |      |             |                |          |
| 10                                        |                     |              |                                                           |                                    |      |             |                |          |
| 11                                        |                     |              |                                                           |                                    |      |             |                |          |
| 12                                        |                     |              |                                                           |                                    |      |             |                |          |
| 13                                        |                     |              |                                                           |                                    |      |             |                |          |
| 14                                        |                     |              |                                                           |                                    |      |             |                |          |
| 15                                        |                     |              |                                                           |                                    |      |             |                |          |
|                                           |                     |              |                                                           | TOTAL NUMBER ON CAMP               | 7    |             |                |          |
| SEAPLANE FLIGHT :                         |                     |              |                                                           | MECHANICAL PROBLEM :               |      |             |                |          |
| HELICOPTER FLIGHT (hr): 2                 |                     |              |                                                           | ACCIDENT :                         |      |             |                |          |
| TRUCK TRIP :                              |                     |              |                                                           | TIMEOUT :                          |      |             |                |          |
| SAMPLES Rock: 17 Till: 5                  |                     |              |                                                           | IMPROVEMENT TO DO :                |      |             |                |          |
| PURCHASE :                                |                     |              |                                                           |                                    |      |             |                |          |
| MOBILIZATION (hr) :                       |                     |              |                                                           |                                    |      |             |                |          |
| DEMOBILIZATION (hr):                      |                     |              |                                                           | DISCIPLINARY ADVISE :              |      |             |                |          |
| HELICOPTER Departure 08:30 Arrival: 17:30 |                     |              |                                                           | VERIFICATION :                     |      |             |                |          |
| RESIDUAL BUDGET :                         |                     |              |                                                           | BILLING :                          |      |             |                |          |
|                                           |                     |              |                                                           | IOS Services Géoscientifiques inc. |      |             |                |          |



|                                                                                                                                                                                                                                                                                                                   |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|---------------------------------------------------|------------------------------------|----------------------------------|----------------------------------------------------|-----------------------|----------------|
| <b>Daily report</b>                                                                                                                                                                                                                                                                                               |                     | <b>Date :</b> 2021-06-28 |                                                   | PROJECT :1426                      | CAMP : Guest house Schefferville | WEATHER :Rainy in the morning, cloudy in afternoon |                       |                |
|                                                                                                                                                                                                                                                                                                                   |                     |                          |                                                   | Ethos Gold Corporation             | RESP. : Réjean Girard            | SIGNATURE :                                        |                       |                |
|                                                                                                                                                                                                                                                                                                                   |                     |                          |                                                   | Daily call :                       |                                  |                                                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                      |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
| Bad weather in the morning. Gennay and 3 student left PM for target 17. The area is located on a top of a large hill with excellent outcrops conditions. They found two bands of silicate BIF with traces of sulphides, 3-5 metres thick and tens of metres in length. These horizons are only shallowly dipping. |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                     |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
|                                                                                                                                                                                                                                                                                                                   |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
|                                                                                                                                                                                                                                                                                                                   | <b>Staff</b>        | <b>Group</b>             | <b>Title; Daily task</b>                          | <b>Overnight</b>                   | <b>Time</b>                      | <b>Out of Camp</b>                                 | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                 | Réjean Girard       | IOS                      | Geologist; Logistics                              | Guest house                        | 11.5                             |                                                    |                       |                |
| 2                                                                                                                                                                                                                                                                                                                 | Gennady Ivanov      | IOS                      | Senior Geologist; Reconnaissance work (target 17) | Guest house                        | 11.5                             |                                                    |                       |                |
| 3                                                                                                                                                                                                                                                                                                                 | Frédéric Lalancette | IOS                      | Field assistant; Reconnaissance work (target 17)  | Guest house                        | 11.5                             |                                                    |                       |                |
| 4                                                                                                                                                                                                                                                                                                                 | Jérémy Bournet      | IOS                      | Field assistant; Reconnaissance work (target 17)  | Guest house                        | 11.5                             |                                                    |                       |                |
| 5                                                                                                                                                                                                                                                                                                                 | Jérôme Turcotte     | IOS                      | Field assistant; Reconnaissance work (target 17)  | Guest house                        | 11.5                             |                                                    |                       |                |
| 6                                                                                                                                                                                                                                                                                                                 | Dan-Elie Surprenant | Can. Helico.             | Helicopter pilot (Canadian Helicopter)            | Guest house                        | -                                |                                                    |                       |                |
| 7                                                                                                                                                                                                                                                                                                                 | Yanick Paquin       | Can. Helico.             | Mechanic (Canadian Helicopter)                    | Guest house                        | -                                |                                                    |                       |                |
| 8                                                                                                                                                                                                                                                                                                                 |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
| 9                                                                                                                                                                                                                                                                                                                 |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
| 10                                                                                                                                                                                                                                                                                                                |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
| 11                                                                                                                                                                                                                                                                                                                |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
| 12                                                                                                                                                                                                                                                                                                                |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
| 13                                                                                                                                                                                                                                                                                                                |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
| 14                                                                                                                                                                                                                                                                                                                |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
| 15                                                                                                                                                                                                                                                                                                                |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
|                                                                                                                                                                                                                                                                                                                   |                     |                          |                                                   | TOTAL NUMBER ON CAMP               | 7                                |                                                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                 |                     |                          |                                                   | MECHANICAL PROBLEM :               |                                  |                                                    |                       |                |
| HELICOPTER FLIGHT (hr): 1                                                                                                                                                                                                                                                                                         |                     |                          |                                                   | ACCIDENT :                         |                                  |                                                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                      |                     |                          |                                                   | TIMEOUT :                          |                                  |                                                    |                       |                |
| SAMPLES Rock: 4 Till: 2                                                                                                                                                                                                                                                                                           |                     |                          |                                                   | IMPROVEMENT TO DO :                |                                  |                                                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                        |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                               |                     |                          |                                                   |                                    |                                  |                                                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                              |                     |                          |                                                   | DISCIPLINARY ADVISE :              |                                  |                                                    |                       |                |
| HELICOPTER Departure 08:30 Arrival: 17:30                                                                                                                                                                                                                                                                         |                     |                          |                                                   | VERIFICATION :                     |                                  |                                                    |                       |                |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                 |                     |                          |                                                   | BILLING :                          |                                  |                                                    |                       |                |
|                                                                                                                                                                                                                                                                                                                   |                     |                          |                                                   | IOS Services Géoscientifiques inc. |                                  |                                                    |                       |                |

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| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Date :</b> 2021-06-30 | PROJECT :1426          | CAMP : Guest house Schefferville                                       | WEATHER :Nice and sunny            |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          | Ethos Gold Corporation | RESP. : Hugues Longuépée                                               | SIGNATURE :                        |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          | Daily call :           |                                                                        |                                    |             |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                                        |                                    |             |                    |                       |                |
| <p>Gennady, Jérémy and Frédéric spent the morning on target 11, where occurrence of rusty paragneiss was found. A rusty quartz vein with traces of pyrite was also found to the west of the target area. The afternoon was spent on target 10 where silicates iron formations (4-5 m thick) with pyrite (2%) and arsenopyrite (0,5%) were found at a few locations. The iron formations could be traced for only 10-15 metres. Hugues and Réjean spent the morning reviewing the feature at Arsene and Balene Rouge. A sample was taken at a stripped area which was not previously visited by IOS. The sample contains about 2% of arsenopyrite. Réjean left for Chicoutimi in the afternoon and Hugues went to target 5 with Jérôme. Several layers of iron formation were found but all where thinner than 30 cm.</p> |                          |                        |                                                                        |                                    |             |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                                        |                                    |             |                    |                       |                |
| This is still the typical geology of the area with thin silicate iron formations with various amount of magnetite and sulphides are found in weakly migmatized paragneiss.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                                        |                                    |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                                               | <b>Overnight</b>                   | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Réjean Girard            | IOS                    | Geologist; Geological review                                           | Guest house                        | 8           |                    |                       |                |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Gennady Ivanov           | IOS                    | Senior Geologist; Reconnaissance work (targets 10 and 11)              | Guest house                        | 11.5        |                    |                       |                |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Frédéric Lalancette      | IOS                    | Field assistant; Reconnaissance work (targets 10 and 11)               | Guest house                        | 11.5        |                    |                       |                |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Jérémy Bournet           | IOS                    | Field assistant; Reconnaissance work (targets 10 and 11)               | Guest house                        | 11.5        |                    |                       |                |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Jérôme Turcotte          | IOS                    | Field assistant; Reconnaissance work (target 5, 10 and 11)             | Guest house                        | 11.5        |                    |                       |                |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Hugues Longuépée         | IOS                    | Senior Geologist; Geological review and Reconnaissance work (target 5) | Guest house                        | 11.5        |                    |                       |                |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)                                 | Guest house                        | -           |                    |                       |                |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                                         | Guest house                        | -           |                    |                       |                |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                                        |                                    |             |                    |                       |                |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                                        |                                    |             |                    |                       |                |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                                        |                                    |             |                    |                       |                |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                                        |                                    |             |                    |                       |                |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                                        |                                    |             |                    |                       |                |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                                        |                                    |             |                    |                       |                |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                                        |                                    |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                                        | TOTAL NUMBER ON CAMP               | 7           |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                                        | MECHANICAL PROBLEM :               |             |                    |                       |                |
| HELICOPTER FLIGHT (hr): 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                                        | ACCIDENT :                         |             |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                                        | TIMEOUT :                          |             |                    |                       |                |
| SAMPLES Rock: 19 Till: 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                                        | IMPROVEMENT TO DO :                |             |                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                                        |                                    |             |                    |                       |                |
| MOBILIZATION (hr) : 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                                        |                                    |             |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                                        | DISCIPLINARY ADVISE :              |             |                    |                       |                |
| HELICOPTER Departure 08:30 Arrival: 17:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                                        | VERIFICATION :                     |             |                    |                       |                |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                                        | BILLING :                          |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                                        | IOS Services Géoscientifiques inc. |             |                    |                       |                |

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| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Date :</b> 2021-07-01 | PROJECT :1426          | CAMP : Guest house Schefferville                         | WEATHER :Nice and sunny            |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          | Ethos Gold Corporation | RESP. : Hugues Longuépée                                 | SIGNATURE :                        |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          | Daily call :           |                                                          |                                    |             |                    |                       |                 |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                          |                                    |             |                    |                       |                 |
| <p>Gennady, Jérémy and Frédéric spent the day on target 33 (west) where a few rusty zones were found in the paragneiss with pegmatitic injections. Hugues and Jérôme spent the day on target 5 where 3 thin discontinuous layers of iron formation could be followed on more than 500 metres. These iron formations are thin and their orientation suggests a fold with a N-S fold axis. After, they went to target 42 where they found two thin discontinuous iron formation that could be followed on 150 m. This area was previously visited by Gennady and Jérémy who found another iron formation to the SE of the target area.</p> |                          |                        |                                                          |                                    |             |                    |                       |                 |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                          |                                    |             |                    |                       |                 |
| <p>Geology of targets 5 and 42 is similar to the overall geology of the main block with iron formation (rather thin) in a paragneiss. The geology of the south block reflects a more intense metamorphism with more migmatite, but the most striking difference is the absence of iron formation as all the rusty zones are found in the paragneiss.</p>                                                                                                                                                                                                                                                                                 |                          |                        |                                                          |                                    |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                                 | <b>Overnight</b>                   | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Fracture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Gennady Ivanov           | IOS                    | Senior Geologist; Reconnaissance work (target 33)        | Guest house                        | 11.5        |                    |                       |                 |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Frédéric Lalancette      | IOS                    | Field assistant; Reconnaissance work (target 33)         | Guest house                        | 11.5        |                    |                       |                 |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Jérémy Bournet           | IOS                    | Field assistant; Reconnaissance work (target 33)         | Guest house                        | 11.5        |                    |                       |                 |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Jérôme Turcotte          | IOS                    | Field assistant; Reconnaissance work (targets 5 and 42)  | Guest house                        | 11.5        |                    |                       |                 |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Hugues Longuépée         | IOS                    | Senior Geologist; Reconnaissance work (targets 5 and 42) | Guest house                        | 11.5        |                    |                       |                 |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)                   | Guest house                        | -           |                    |                       |                 |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                           | Guest house                        | -           |                    |                       |                 |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                          |                                    |             |                    |                       |                 |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                          |                                    |             |                    |                       |                 |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                          |                                    |             |                    |                       |                 |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                          |                                    |             |                    |                       |                 |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                          |                                    |             |                    |                       |                 |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                          |                                    |             |                    |                       |                 |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                          |                                    |             |                    |                       |                 |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                          |                                    |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                          | TOTAL NUMBER ON CAMP               | 7           |                    |                       |                 |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                          | MECHANICAL PROBLEM :               |             |                    |                       |                 |
| HELICOPTER FLIGHT (hr): 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                          | ACCIDENT :                         |             |                    |                       |                 |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                          | TIMEOUT :                          |             |                    |                       |                 |
| SAMPLES Rock: 14 Till: 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                          | IMPROVEMENT TO DO :                |             |                    |                       |                 |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                          |                                    |             |                    |                       |                 |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                        |                                                          |                                    |             |                    |                       |                 |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                          | DISCIPLINARY ADVISE :              |             |                    |                       |                 |
| HELICOPTER Departure 08:30 Arrival: 17:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                          | VERIFICATION :                     |             |                    |                       |                 |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                          | BILLING :                          |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                          | IOS Services Géoscientifiques inc. |             |                    |                       |                 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                               |                                    |             |                    |                       |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------|---------------------------------------------------------------|------------------------------------|-------------|--------------------|-----------------------|-----------------|
| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Date :</b> 2021-07-02 | PROJECT :1426          | CAMP : Guest house Schefferville                              | WEATHER :Nice and sunny            |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          | Ethos Gold Corporation | RESP. : Hugues Longuépée                                      | SIGNATURE :                        |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          | Daily call :           |                                                               |                                    |             |                    |                       |                 |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                               |                                    |             |                    |                       |                 |
| Gennady, Jérémy and Jérôme spent the day on target 33 (centre) where nothing of interest was found. Till was sampled at four locations. Hugues and Frédéric spent the day on target 35 to evaluate the potential at the contact between the metavolcanics and the paragneiss. There was little outcrop and it was impossible to located the paragneiss to the south because if the till coverage. Target 28 was also visited with finding of a thin lens of iron formation in the paragneiss. |                          |                        |                                                               |                                    |             |                    |                       |                 |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                               |                                    |             |                    |                       |                 |
| Geology of zone 33 was a mix of diatexite and paragneiss with few indication of mineralization. Silicification was interpreted at a few spots but no sulphides were found. The metavolcanics at zone 35 can be found further west than on the geological map, but the contact with the gneiss is buried under a thick cover till. Metavolcanics are locally magnetic (metamorphic magnetite?). Target 28 shows the typical thin sulphides bearing iron formation in the paragneiss.           |                          |                        |                                                               |                                    |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                                      | <b>Overnight</b>                   | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Fracture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Gennady Ivanov           | IOS                    | Senior Geologist; Reconnaissance work (target 33)             | Guest house                        | 11.5        |                    |                       |                 |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Frédéric Lalancette      | IOS                    | Field assistant; Reconnaissance work (target 28, 35 and 43)   | Guest house                        | 11.5        |                    |                       |                 |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Jérémy Bournet           | IOS                    | Field assistant; Reconnaissance work (target 33)              | Guest house                        | 11.5        |                    |                       |                 |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Jérôme Turcotte          | IOS                    | Field assistant; Reconnaissance work (target 33)              | Guest house                        | 11.5        |                    |                       |                 |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Hugues Longuépée         | IOS                    | Senior Geologist; Reconnaissance work (targets 28, 35 and 43) | Guest house                        | 11.5        |                    |                       |                 |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)                        | Guest house                        | -           |                    |                       |                 |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                                | Guest house                        | -           |                    |                       |                 |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                               |                                    |             |                    |                       |                 |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                               |                                    |             |                    |                       |                 |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                               |                                    |             |                    |                       |                 |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                               |                                    |             |                    |                       |                 |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                               |                                    |             |                    |                       |                 |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                               |                                    |             |                    |                       |                 |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                               |                                    |             |                    |                       |                 |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                               |                                    |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                               | TOTAL NUMBER ON CAMP               | 7           |                    |                       |                 |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                               | MECHANICAL PROBLEM :               |             |                    |                       |                 |
| HELICOPTER FLIGHT (hr): 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                               | ACCIDENT :                         |             |                    |                       |                 |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                               | TIMEOUT :                          |             |                    |                       |                 |
| SAMPLES Rock: 9 Till: 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                               | IMPROVEMENT TO DO :                |             |                    |                       |                 |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                               |                                    |             |                    |                       |                 |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                               |                                    |             |                    |                       |                 |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                               | DISCIPLINARY ADVISE :              |             |                    |                       |                 |
| HELICOPTER Departure 08:30 Arrival: 17:30                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                               | VERIFICATION :                     |             |                    |                       |                 |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                               | BILLING :                          |             |                    |                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                               | IOS Services Géoscientifiques inc. |             |                    |                       |                 |

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| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Date :</b> 2021-07-03 | PROJECT :1426          | CAMP : Guest house Schefferville                  | WEATHER :Nice and sunny            |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          | Ethos Gold Corporation | RESP. : Hugues Longuépée                          | SIGNATURE :                        |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          | Daily call :           |                                                   |                                    |             |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                   |                                    |             |                    |                       |                |
| <p>Gennady, Jérôme and Frédéric spent the day on target 32 (west) where a 20-25 metres - wide zone with lenses of iron formation within a diatexte was found. Till was sampled at 4 locations. Hugues and Jérémy visited target 34. The paragneiss is outcropping and a 10 m-wide layer of iron formation with zone of silicates - sulphides was found and traced for more than 100 m. Hugues and Jérémy flew over target 36 on the way back and only one outcrop could be observed. It was decided not to come back in the area during this program.</p>                                                                                                                |                          |                        |                                                   |                                    |             |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                   |                                    |             |                    |                       |                |
| <p>The paragneiss in target area 32 is strongly deformed and the iron formation occur only as an fragmented area while they are more continuous elsewhere. The iron formation found in the target 34 area is somewhat similar to the one at Arsene with a thick, well-banded quartz-magnetite facies with local sulphide-rich layers and pods. There is no obvious deformation (e.g. folding) beyond the gneissic layering which is quite regular. What is interpreted as the metavolcanics is highly deformed and is closer to a mafic gneiss than that was observed at target 35. The contact between gneiss and metavolcanics is buried under a thick till cover.</p> |                          |                        |                                                   |                                    |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                          | <b>Overnight</b>                   | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Gennady Ivanov           | IOS                    | Senior Geologist; Reconnaissance work (target 32) | Guest house                        | 11.5        |                    |                       |                |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Frédéric Lalancette      | IOS                    | Field assistant; Reconnaissance work (target 32)  | Guest house                        | 11.5        |                    |                       |                |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Jérémy Bournet           | IOS                    | Field assistant; Reconnaissance work (targets 34) | Guest house                        | 11.5        |                    |                       |                |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Jérôme Turcotte          | IOS                    | Field assistant; Reconnaissance work (target 32)  | Guest house                        | 11.5        |                    |                       |                |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Hugues Longuépée         | IOS                    | Senior Geologist; Reconnaissance work (target 34) | Guest house                        | 11.5        |                    |                       |                |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)            | Guest house                        | -           |                    |                       |                |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                    | Guest house                        | -           |                    |                       |                |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                   |                                    |             |                    |                       |                |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                   |                                    |             |                    |                       |                |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                   |                                    |             |                    |                       |                |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                   |                                    |             |                    |                       |                |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                   |                                    |             |                    |                       |                |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                   |                                    |             |                    |                       |                |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                   |                                    |             |                    |                       |                |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                   |                                    |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                   | TOTAL NUMBER ON CAMP               | 7           |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                   | MECHANICAL PROBLEM :               |             |                    |                       |                |
| HELICOPTER FLIGHT (hr): 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                   | ACCIDENT :                         |             |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                   | TIMEOUT :                          |             |                    |                       |                |
| SAMPLES Rock: 11 Till: 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                   | IMPROVEMENT TO DO :                |             |                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                        |                                                   |                                    |             |                    |                       |                |
| MOBILIZATION (hr) : 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                   |                                    |             |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                   | DISCIPLINARY ADVISE :              |             |                    |                       |                |
| HELICOPTER Departure 08:30 Arrival: 17:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                   | VERIFICATION :                     |             |                    |                       |                |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                   | BILLING :                          |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                   | IOS Services Géoscientifiques inc. |             |                    |                       |                |

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------|---------------------------------------------------|------------------------------------|-------------|--------------------|-----------------------|----------------|
| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Date :</b> 2021-07-04 | PROJECT :1426          | CAMP : Guest house Schefferville                  | WEATHER :Nice, sunny and windy.    |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          | Ethos Gold Corporation | RESP. : Hugues Longuépée                          | SIGNATURE :                        |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          | Daily call :           |                                                   |                                    |             |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                   |                                    |             |                    |                       |                |
| <p>Jérémy and Jérôme spend the day sampling till. Sampling was attempted on ten targets, but only seven had proper till coverage. Gennady visited the south half of target 32 with only metatextite and diatextite. Hugues and Frédéric visited the north half of the same target area. While most of it is composed of migmatite (anatextite), the eastern part is composed of metatextite and gneiss with metre-wide rusty horizon that could be traced over several hundred metres in a ENE - WSW direction. There will be no time to go back in the zone during the current program, but it is highly recommended to go back to map and properly sample these rusty layers.</p> |                          |                        |                                                   |                                    |             |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                        |                                                   |                                    |             |                    |                       |                |
| <p>The whole area is mostly composed of large bodies of anatectic granite (migmatite) that grade into diatextite, metatextite and paragneiss. While the historic showing to the west are reported as hosted into migmatitic injections, the long rusty areas to the east are located in the gneiss and there is no evident relation with melt injection, veins or structure.</p>                                                                                                                                                                                                                                                                                                    |                          |                        |                                                   |                                    |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                          | <b>Overnight</b>                   | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Gennady Ivanov           | IOS                    | Senior Geologist; Reconnaissance work (target 32) | Guest house                        | 11.5        |                    |                       |                |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Frédéric Lalancette      | IOS                    | Field assistant; Reconnaissance work (target 32)  | Guest house                        | 11.5        |                    |                       |                |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Jérémy Bournet           | IOS                    | Field assistant; Till sampling                    | Guest house                        | 11.5        |                    |                       |                |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Jérôme Turcotte          | IOS                    | Field assistant; Till sampling                    | Guest house                        | 11.5        |                    |                       |                |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Hugues Longuépée         | IOS                    | Senior Geologist; Reconnaissance work (target 32) | Guest house                        | 11.5        |                    |                       |                |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)            | Guest house                        | -           |                    |                       |                |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                    | Guest house                        | -           |                    |                       |                |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                   |                                    |             |                    |                       |                |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                   |                                    |             |                    |                       |                |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                   |                                    |             |                    |                       |                |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                   |                                    |             |                    |                       |                |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                   |                                    |             |                    |                       |                |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                   |                                    |             |                    |                       |                |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                   |                                    |             |                    |                       |                |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                        |                                                   |                                    |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                   | TOTAL NUMBER ON CAMP               | 7           |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                   | MECHANICAL PROBLEM :               |             |                    |                       |                |
| HELICOPTER FLIGHT (hr): 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                   | ACCIDENT :                         |             |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                        |                                                   | TIMEOUT :                          |             |                    |                       |                |
| SAMPLES Rock: 8 Till: 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                        |                                                   | IMPROVEMENT TO DO :                |             |                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                   |                                    |             |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                   |                                    |             |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                   | DISCIPLINARY ADVISE :              |             |                    |                       |                |
| HELICOPTER Departure 08:30 Arrival: 17:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                   | VERIFICATION :                     |             |                    |                       |                |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                   | BILLING :                          |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                        |                                                   | IOS Services Géoscientifiques inc. |             |                    |                       |                |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                  |                                    |             |                    |                       |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------|--------------------------------------------------|------------------------------------|-------------|--------------------|-----------------------|----------------|
| <b>Daily report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Date :</b> 2021-07-05 | PROJECT :1426          | CAMP : Guest house Schefferville                 | WEATHER :Hot, sunny and windy.     |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          | Ethos Gold Corporation | RESP. : Hugues Longuépée                         | SIGNATURE :                        |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          | Daily call :           |                                                  |                                    |             |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                  |                                    |             |                    |                       |                |
| Work was delayed until 2:00 pm due to mechanical issue with the helicopter. Hugues stayed at the house to complete paper work, take care of sample shipping and other logistic/planning items. Jérôme and Jérémy went till sampling and were able to sample two of four visited areas. Gennady and Frédéric went to target 4. Most of the historic sampling sites were not found, but silicified areas in the north part of the target are where found and sampled. Unfortunately, it was impossible to visit the south part of the target as the program is likely to end (bad weather forecast for the 6th). Fuel drums stored at Arsene were slinged during the morning while testing the mechanical issue (between 11:00 am and 1:00 pm). All samples were packed during the morning and sent to the train station during the afternoon. |                          |                        |                                                  |                                    |             |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                        |                                                  |                                    |             |                    |                       |                |
| Silicified areas as well as quartz veins (with sulphides) were found in target 4. These are found in the paragneiss.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                        |                                                  |                                    |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Staff</b>             | <b>Group</b>           | <b>Title; Daily task</b>                         | <b>Overnight</b>                   | <b>Time</b> | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Gennady Ivanov           | IOS                    | Senior Geologist; Reconnaissance work (target 4) | Guest house                        | 11.5        |                    |                       |                |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Frédéric Lalancette      | IOS                    | Field assistant; Reconnaissance work (target 4)  | Guest house                        | 11.5        |                    |                       |                |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Jérémy Bournet           | IOS                    | Field assistant; Till sampling                   | Guest house                        | 11.5        |                    |                       |                |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Jérôme Turcotte          | IOS                    | Field assistant; Till sampling                   | Guest house                        | 11.5        |                    |                       |                |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Hugues Longuépée         | IOS                    | Senior Geologist; Logistics                      | Guest house                        | 11.5        |                    |                       |                |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Dan-Elie Surprenant      | Can. Helico.           | Helicopter pilot (Canadian Helicopter)           | Guest house                        | -           |                    |                       |                |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yanick Paquin            | Can. Helico.           | Mechanic (Canadian Helicopter)                   | Guest house                        | -           |                    |                       |                |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                  |                                    |             |                    |                       |                |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                  |                                    |             |                    |                       |                |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                  |                                    |             |                    |                       |                |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                  |                                    |             |                    |                       |                |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                  |                                    |             |                    |                       |                |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                  |                                    |             |                    |                       |                |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                  |                                    |             |                    |                       |                |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                        |                                                  |                                    |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                  | TOTAL NUMBER ON CAMP               | 7           |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                  | MECHANICAL PROBLEM :               |             |                    |                       |                |
| HELICOPTER FLIGHT (hr): 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                  | ACCIDENT :                         |             |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                        |                                                  | TIMEOUT :                          |             |                    |                       |                |
| SAMPLES Rock: 4 Till: 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                        |                                                  | IMPROVEMENT TO DO :                |             |                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                        |                                                  |                                    |             |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                        |                                                  |                                    |             |                    |                       |                |
| DEMobilIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                        |                                                  | DISCIPLINARY ADVISE :              |             |                    |                       |                |
| HELICOPTER Departure 14:00 Arrival: 17:30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                        |                                                  | VERIFICATION :                     |             |                    |                       |                |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                        |                                                  | BILLING :                          |             |                    |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |                        |                                                  | IOS Services Géoscientifiques inc. |             |                    |                       |                |

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|-----------------------------------------------|------------------------|----------------------------------|----------------------------|-----------------------|----------------|
| <b>Daily report</b>                                                                                                                                                                                                                                                                                     |                     | <b>Date :</b> 2021-07-06 |                                               | PROJECT :1426          | CAMP : Guest house Schefferville | WEATHER :Rain, low ceiling |                       |                |
|                                                                                                                                                                                                                                                                                                         |                     |                          |                                               | Ethos Gold Corporation | RESP. : Hugues Longuépée         | SIGNATURE :                |                       |                |
|                                                                                                                                                                                                                                                                                                         |                     |                          |                                               | Daily call :           |                                  |                            |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                            |                     |                          |                                               |                        |                                  |                            |                       |                |
| Hugues left with the helicopter early in order to visit target 28, but the ceiling was too low to reach the top of the mountain. The rest of the crew stayed at camp to pack for the departure (next day). Helicopter was demobilized at 1:00 pm to avoid bad weather forecasted for the next two days. |                     |                          |                                               |                        |                                  |                            |                       |                |
| <b>COMMENTS ABOUT GEOLOGY</b>                                                                                                                                                                                                                                                                           |                     |                          |                                               |                        |                                  |                            |                       |                |
|                                                                                                                                                                                                                                                                                                         |                     |                          |                                               |                        |                                  |                            |                       |                |
|                                                                                                                                                                                                                                                                                                         | <b>Staff</b>        | <b>Group</b>             | <b>Title; Daily task</b>                      | <b>Overnight</b>       | <b>Time</b>                      | <b>Out of Camp</b>         | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                       | Gennady Ivanov      | IOS                      | Senior Geologist                              | Guest house            | 8                                |                            |                       |                |
| 2                                                                                                                                                                                                                                                                                                       | Frédéric Lalancette | IOS                      | Field assistant                               | Guest house            | 8                                |                            |                       |                |
| 3                                                                                                                                                                                                                                                                                                       | Jérémy Bourmet      | IOS                      | Field assistant                               | Guest house            | 8                                |                            |                       |                |
| 4                                                                                                                                                                                                                                                                                                       | Jérôme Turcotte     | IOS                      | Field assistant                               | Guest house            | 8                                |                            |                       |                |
| 5                                                                                                                                                                                                                                                                                                       | Hugues Longuépée    | IOS                      | Senior Geologist                              | Guest house            | 8                                |                            |                       |                |
| 6                                                                                                                                                                                                                                                                                                       | Dan-Elie Surprenant | Can. Helico.             | Helicopter pilot (Canadian Helicopter); demob |                        | -                                |                            |                       |                |
| 7                                                                                                                                                                                                                                                                                                       | Yanick Paquin       | Can. Helico.             | Mechanic (Canadian Helicopter); demob         |                        | -                                |                            |                       |                |
| 8                                                                                                                                                                                                                                                                                                       |                     |                          |                                               |                        |                                  |                            |                       |                |
| 9                                                                                                                                                                                                                                                                                                       |                     |                          |                                               |                        |                                  |                            |                       |                |
| 10                                                                                                                                                                                                                                                                                                      |                     |                          |                                               |                        |                                  |                            |                       |                |
| 11                                                                                                                                                                                                                                                                                                      |                     |                          |                                               |                        |                                  |                            |                       |                |
| 12                                                                                                                                                                                                                                                                                                      |                     |                          |                                               |                        |                                  |                            |                       |                |
| 13                                                                                                                                                                                                                                                                                                      |                     |                          |                                               |                        |                                  |                            |                       |                |
| 14                                                                                                                                                                                                                                                                                                      |                     |                          |                                               |                        |                                  |                            |                       |                |
| 15                                                                                                                                                                                                                                                                                                      |                     |                          |                                               |                        |                                  |                            |                       |                |
|                                                                                                                                                                                                                                                                                                         |                     |                          |                                               | TOTAL NUMBER ON CAMP   | 5                                |                            |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                       |                     |                          |                                               | MECHANICAL PROBLEM :   |                                  |                            |                       |                |
| HELICOPTER FLIGHT (hr): 7                                                                                                                                                                                                                                                                               |                     |                          |                                               | ACCIDENT :             |                                  |                            |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                            |                     |                          |                                               | TIMEOUT :              |                                  |                            |                       |                |
| SAMPLES                      Rock:                      Till:                                                                                                                                                                                                                                           |                     |                          |                                               | IMPROVEMENT TO DO :    |                                  |                            |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                              |                     |                          |                                               |                        |                                  |                            |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                     |                     |                          |                                               |                        |                                  |                            |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                    |                     |                          |                                               | DISCIPLINARY ADVISE :  |                                  |                            |                       |                |
| HELICOPTER                      Departure    07:30                      Arrival:    10:00                                                                                                                                                                                                               |                     |                          |                                               | VERIFICATION :         |                                  |                            |                       |                |
| RESIDUAL BUDGET :                                                                                                                                                                                                                                                                                       |                     |                          |                                               | EXPENSE:               |                                  | BILLING :                  |                       |                |
| IOS Services Géoscientifiques inc.                                                                                                                                                                                                                                                                      |                     |                          |                                               |                        |                                  |                            |                       |                |

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|-------------------------------------------------------------------------|---------------------|--------------------------|--------------------------|------------------------|----------------------------------|--------------------|-----------------------|-----------------|
| <b>Daily report</b>                                                     |                     | <b>Date :</b> 2021-07-07 |                          | PROJECT :1426          | CAMP : Guest house Schefferville | WEATHER :          |                       |                 |
|                                                                         |                     |                          |                          | Ethos Gold Corporation | RESP. : Hugues Longuépée         | SIGNATURE :        |                       |                 |
|                                                                         |                     |                          |                          | Daily call :           |                                  |                    |                       |                 |
| <b>COMMENTS ABOUT WORK :</b>                                            |                     |                          |                          |                        |                                  |                    |                       |                 |
| Demob for all staff (Schefferville to Chicoutimi).                      |                     |                          |                          |                        |                                  |                    |                       |                 |
| <b>COMMENTS ABOUT GEOLOGY</b>                                           |                     |                          |                          |                        |                                  |                    |                       |                 |
|                                                                         |                     |                          |                          |                        |                                  |                    |                       |                 |
|                                                                         | <b>Staff</b>        | <b>Group</b>             | <b>Title; Daily task</b> | <b>Overnight</b>       | <b>Time</b>                      | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Fracture</b> |
| 1                                                                       | Gennady Ivanov      | IOS                      | Senior Geologist; demob  |                        | 8                                |                    |                       |                 |
| 2                                                                       | Frédéric Lalancette | IOS                      | Field assistant; demob   |                        | 8                                |                    |                       |                 |
| 3                                                                       | Jérémy Bournet      | IOS                      | Field assistant; demob   |                        | 8                                |                    |                       |                 |
| 4                                                                       | Jérôme Turcotte     | IOS                      | Field assistant; demob   |                        | 8                                |                    |                       |                 |
| 5                                                                       | Hugues Longuépée    | IOS                      | Senior Geologist; demob  |                        | 8                                |                    |                       |                 |
| 6                                                                       |                     |                          |                          |                        |                                  |                    |                       |                 |
| 7                                                                       |                     |                          |                          |                        |                                  |                    |                       |                 |
| 8                                                                       |                     |                          |                          |                        |                                  |                    |                       |                 |
| 9                                                                       |                     |                          |                          |                        |                                  |                    |                       |                 |
| 10                                                                      |                     |                          |                          |                        |                                  |                    |                       |                 |
| 11                                                                      |                     |                          |                          |                        |                                  |                    |                       |                 |
| 12                                                                      |                     |                          |                          |                        |                                  |                    |                       |                 |
| 13                                                                      |                     |                          |                          |                        |                                  |                    |                       |                 |
| 14                                                                      |                     |                          |                          |                        |                                  |                    |                       |                 |
| 15                                                                      |                     |                          |                          |                        |                                  |                    |                       |                 |
|                                                                         |                     |                          |                          | TOTAL NUMBER ON CAMP   |                                  |                    |                       |                 |
| SEAPLANE FLIGHT :                                                       |                     |                          |                          | MECHANICAL PROBLEM :   |                                  |                    |                       |                 |
| HELICOPTER FLIGHT (hr):                                                 |                     |                          |                          | ACCIDENT :             |                                  |                    |                       |                 |
| TRUCK TRIP :                                                            |                     |                          |                          | TIMEOUT :              |                                  |                    |                       |                 |
| SAMPLES                      Rock:                      Till:           |                     |                          |                          | IMPROVEMENT TO DO :    |                                  |                    |                       |                 |
| PURCHASE :                                                              |                     |                          |                          |                        |                                  |                    |                       |                 |
| MOBILIZATION (hr) :                      8                              |                     |                          |                          |                        |                                  |                    |                       |                 |
| DEMobilIZATION (hr):                                                    |                     |                          |                          | DISCIPLINARY ADVISE :  |                                  |                    |                       |                 |
| HELICOPTER                      Departure                      Arrival: |                     |                          |                          | VERIFICATION :         |                                  |                    |                       |                 |
| RESIDUAL BUDGET :                                                       |                     |                          |                          | EXPENSE:               |                                  | BILLING :          |                       |                 |
| IOS Services Géoscientifiques inc.                                      |                     |                          |                          |                        |                                  |                    |                       |                 |

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| <b>DAILY REPORT</b>                                           |                  | <b>Date :</b> 09-26-2021 |                                                      | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :                          |                       |                |
|                                                               |                  |                          |                                                      | CLIENT : Ethos Gold   | RESP. : Hugues Longuépée           | SIGNATURE :                        |                       |                |
|                                                               |                  |                          |                                                      | DAILY CALL :          |                                    |                                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                  |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| Mobilisation St-Lazare - Chicoutimi                           |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                |                  |                          |                                                      |                       |                                    |                                    |                       |                |
|                                                               |                  |                          |                                                      |                       |                                    |                                    |                       |                |
|                                                               | <b>Staff</b>     | <b>Group</b>             | <b>Title; Daily task</b>                             | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b>                 | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                             | Hugues Longuépée | IOS                      | Project manager; Mobilisation St-Lazare - Chicoutimi | Chicoutimi            | 5                                  |                                    |                       |                |
| 2                                                             |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| 3                                                             |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| 4                                                             |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| 5                                                             |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| 6                                                             |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| 7                                                             |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| 8                                                             |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| 9                                                             |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| 10                                                            |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| 11                                                            |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| 12                                                            |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| 13                                                            |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| 14                                                            |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| 15                                                            |                  |                          |                                                      |                       |                                    |                                    |                       |                |
|                                                               |                  |                          |                                                      | TOTAL NUMBER ON CAMP  | 1                                  |                                    |                       |                |
| SEAPLANE FLIGHT :                                             |                  |                          |                                                      | MECHANICAL PROBLEM :  |                                    |                                    |                       |                |
| HELICOPTER FLIGHT (hr):                                       |                  |                          |                                                      | ACCIDENT :            |                                    |                                    |                       |                |
| TRUCK TRIP :                                                  |                  |                          |                                                      | TIMEOUT :             |                                    |                                    |                       |                |
| SAMPLES                      Rock:                      Till: |                  |                          |                                                      | IMPROVEMENT TO DO :   |                                    |                                    |                       |                |
| PURCHASE :                                                    |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| MOBILIZATION (hr) :                      8                    |                  |                          |                                                      |                       |                                    |                                    |                       |                |
| DEMOBILIZATION (hr):                                          |                  |                          |                                                      | DISCIPLINARY ADVISE : |                                    |                                    |                       |                |
| DRILLING    From:                      To:                    |                  |                          |                                                      | VERIFICATION :        |                                    | IOS Services Géoscientifiques inc. |                       |                |
| LEFTOVER BUDGET :                                             |                  | EXPENSES :               |                                                      | BILLING :             |                                    |                                    |                       |                |

|                                        |                     |                          |                                     |                       |                                    |                    |                       |                |
|----------------------------------------|---------------------|--------------------------|-------------------------------------|-----------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                    |                     | <b>Date :</b> 09-27-2021 |                                     | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                        |                     |                          |                                     | CLIENT : Ethos Gold   | RESP. : Hugues Longuépée           | SIGNATURE :        |                       |                |
|                                        |                     |                          |                                     | DAILY CALL :          |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>           |                     |                          |                                     |                       |                                    |                    |                       |                |
| Mobilisation St-Honoré - Schefferville |                     |                          |                                     |                       |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>         |                     |                          |                                     |                       |                                    |                    |                       |                |
|                                        |                     |                          |                                     |                       |                                    |                    |                       |                |
|                                        | <b>Staff</b>        | <b>Group</b>             | <b>Title; Daily task</b>            | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                      | Gennady Ivanov      | IOS                      | Senior geologist; Mobilisation      | Schefferville         | 8                                  |                    |                       |                |
| 2                                      | Hugues Longuépée    | IOS                      | Project manager; Mobilisation       | Schefferville         | 8                                  |                    |                       |                |
| 3                                      | Émerick Royer       | IOS                      | Field assistant; Mobilisation       | Schefferville         | 8                                  |                    |                       |                |
| 4                                      | Adrien Boucher      | IOS                      | Geologist in training; Mobilisation | Schefferville         | 8                                  |                    |                       |                |
| 5                                      |                     |                          |                                     |                       |                                    |                    |                       |                |
| 6                                      | Dan-Elie Surprenant | Can. Helic.              | Helicopter pilot                    | Schefferville         |                                    |                    |                       |                |
| 7                                      |                     |                          |                                     |                       |                                    |                    |                       |                |
| 8                                      |                     |                          |                                     |                       |                                    |                    |                       |                |
| 9                                      |                     |                          |                                     |                       |                                    |                    |                       |                |
| 10                                     |                     |                          |                                     |                       |                                    |                    |                       |                |
| 11                                     |                     |                          |                                     |                       |                                    |                    |                       |                |
| 12                                     |                     |                          |                                     |                       |                                    |                    |                       |                |
| 13                                     |                     |                          |                                     |                       |                                    |                    |                       |                |
| 14                                     |                     |                          |                                     |                       |                                    |                    |                       |                |
| 15                                     |                     |                          |                                     |                       |                                    |                    |                       |                |
|                                        |                     |                          |                                     | TOTAL NUMBER ON CAMP  | 5                                  |                    |                       |                |
| SEAPLANE FLIGHT :                      |                     |                          |                                     | MECHANICAL PROBLEM :  |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 2              |                     |                          |                                     | ACCIDENT :            |                                    |                    |                       |                |
| TRUCK TRIP :                           |                     |                          |                                     | TIMEOUT :             |                                    |                    |                       |                |
| SAMPLES      Rock:      Till:          |                     |                          |                                     | IMPROVEMENT TO DO :   |                                    |                    |                       |                |
| PURCHASE :                             |                     |                          |                                     |                       |                                    |                    |                       |                |
| MOBILIZATION (hr) : 8                  |                     |                          |                                     |                       |                                    |                    |                       |                |
| DEMOBILIZATION (hr):                   |                     |                          |                                     | DISCIPLINARY ADVISE : |                                    |                    |                       |                |
| DRILLING    From:      To:             |                     |                          |                                     | VERIFICATION :        |                                    |                    |                       |                |
| LEFTOVER BUDGET :      #REF!           |                     |                          |                                     | EXPENSES :      #REF! |                                    | BILLING :          |                       |                |
| IOS Services Géoscientifiques inc.     |                     |                          |                                     |                       |                                    |                    |                       |                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |                          |                                |                       |                                    |                                         |                       |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|--------------------------------|-----------------------|------------------------------------|-----------------------------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                |                     | <b>Date :</b> 09-28-2021 |                                | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER : Cloudy. Rain started at 10am. |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |                          |                                | CLIENT : Ethos Gold   | RESP. : Hugues Longuépée           | SIGNATURE :                             |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |                          |                                | DAILY CALL :          |                                    |                                         |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                          |                                |                       |                                    |                                         |                       |                |
| Gennady and Adrien worked on target #2 (South Hill). They added samples to that area, but no fold was observed. Hugues and Emerick visited target #1 (Wolf). Several historic sample sites were found, but not the Wolf showing. Both crew left early (2pm) because of rain and increasing fog.                                                                                                                                                    |                     |                          |                                |                       |                                    |                                         |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |                          |                                |                       |                                    |                                         |                       |                |
| More samples from the iron formation of the South Hill target were taken. However, there was no favorable structure found. An iron formation at Wolf was extended to the NE and can be traced for more than 200 meters. An outcrop to the SW of the target area displays significant deformation of the iron formation. Folding is visible and the overall area seems to be brecciated. This area is identified as potential target for stripping. |                     |                          |                                |                       |                                    |                                         |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Staff</b>        | <b>Group</b>             | <b>Title; Daily task</b>       | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b>                      | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Gennady Ivanov      | IOS                      | Senior geologist; Mapping      | Schefferville         | 11.5                               |                                         |                       |                |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Hugues Longuépée    | IOS                      | Project manager; Mapping       | Schefferville         | 11.5                               |                                         |                       |                |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Émerick Royer       | IOS                      | Field assistant; Mapping       | Schefferville         | 11.5                               |                                         |                       |                |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Adrien Boucher      | IOS                      | Geologist in training; Mapping | Schefferville         | 11.5                               |                                         |                       |                |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |                          |                                |                       |                                    |                                         |                       |                |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Dan-Elie Surprenant | Can. Helic.              | Helicopter pilot               | Schefferville         |                                    |                                         |                       |                |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |                          |                                |                       |                                    |                                         |                       |                |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |                          |                                |                       |                                    |                                         |                       |                |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |                          |                                |                       |                                    |                                         |                       |                |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                          |                                |                       |                                    |                                         |                       |                |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                          |                                |                       |                                    |                                         |                       |                |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                          |                                |                       |                                    |                                         |                       |                |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                          |                                |                       |                                    |                                         |                       |                |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                          |                                |                       |                                    |                                         |                       |                |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                          |                                |                       |                                    |                                         |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |                          |                                | TOTAL NUMBER ON CAMP  | 5                                  |                                         |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |                          |                                | MECHANICAL PROBLEM :  |                                    |                                         |                       |                |
| HELICOPTER FLIGHT (hr): 1                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |                          |                                | ACCIDENT :            |                                    |                                         |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                          |                                | TIMEOUT :             |                                    |                                         |                       |                |
| SAMPLES Rock: 6 Till:                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |                          |                                | IMPROVEMENT TO DO :   |                                    |                                         |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                          |                                |                       |                                    |                                         |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |                          |                                |                       |                                    |                                         |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                          |                                | DISCIPLINARY ADVISE : |                                    |                                         |                       |                |
| DRILLING From: To:                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                          |                                | VERIFICATION :        |                                    |                                         |                       |                |
| LEFTOVER BUDGET :                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     | #REF!                    | EXPENSES :                     | #REF!                 | BILLING :                          |                                         |                       |                |
| IOS Services Géoscientifiques inc.                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                          |                                |                       |                                    |                                         |                       |                |



|                                                                                                                                                                                                                                                                                                                                             |                     |                          |                                |                       |                                    |                                   |                       |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|--------------------------------|-----------------------|------------------------------------|-----------------------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                                                                                                                                                                                                                                                         |                     | <b>Date :</b> 09-29-2021 |                                | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER : Foggy, sunny after 10am |                       |                |
|                                                                                                                                                                                                                                                                                                                                             |                     |                          |                                | CLIENT : Ethos Gold   | RESP. : Hugues Longuépée           | SIGNATURE :                       |                       |                |
|                                                                                                                                                                                                                                                                                                                                             |                     |                          |                                | DAILY CALL :          |                                    |                                   |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                |                     |                          |                                |                       |                                    |                                   |                       |                |
| Late start due to fog. Gennady and Adrien went to South Hill but could not find any outcrop east of the river. They went to Rover Valley instead. Hugues and Emerick spent the day tracing the iron formation found at Wolf.                                                                                                                |                     |                          |                                |                       |                                    |                                   |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                                                                                                                                                                                                                                                              |                     |                          |                                |                       |                                    |                                   |                       |                |
| The iron formation at Rover Valley is thin and show a few indications of folding. At Wolf, the north iron formation is thin and discontinuous and likely a horizon located underneath the main iron formation. The main iron formation appears to be present all along the area and only the outcrop found yesterday shows obvious folding. |                     |                          |                                |                       |                                    |                                   |                       |                |
|                                                                                                                                                                                                                                                                                                                                             | <b>Staff</b>        | <b>Group</b>             | <b>Title; Daily task</b>       | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b>                | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                                           | Gennady Ivanov      | IOS                      | Senior geologist; Mapping      | Schefferville         | 11.5                               |                                   |                       |                |
| 2                                                                                                                                                                                                                                                                                                                                           | Hugues Longuépée    | IOS                      | Project manager; Mapping       | Schefferville         | 11.5                               |                                   |                       |                |
| 3                                                                                                                                                                                                                                                                                                                                           | Émerick Royer       | IOS                      | Field assistant; Mapping       | Schefferville         | 11.5                               |                                   |                       |                |
| 4                                                                                                                                                                                                                                                                                                                                           | Adrien Boucher      | IOS                      | Geologist in training; Mapping | Schefferville         | 11.5                               |                                   |                       |                |
| 5                                                                                                                                                                                                                                                                                                                                           |                     |                          |                                |                       |                                    |                                   |                       |                |
| 6                                                                                                                                                                                                                                                                                                                                           | Dan-Elie Surprenant | Can. Helic.              | Helicopter pilot               | Schefferville         |                                    |                                   |                       |                |
| 7                                                                                                                                                                                                                                                                                                                                           |                     |                          |                                |                       |                                    |                                   |                       |                |
| 8                                                                                                                                                                                                                                                                                                                                           |                     |                          |                                |                       |                                    |                                   |                       |                |
| 9                                                                                                                                                                                                                                                                                                                                           |                     |                          |                                |                       |                                    |                                   |                       |                |
| 10                                                                                                                                                                                                                                                                                                                                          |                     |                          |                                |                       |                                    |                                   |                       |                |
| 11                                                                                                                                                                                                                                                                                                                                          |                     |                          |                                |                       |                                    |                                   |                       |                |
| 12                                                                                                                                                                                                                                                                                                                                          |                     |                          |                                |                       |                                    |                                   |                       |                |
| 13                                                                                                                                                                                                                                                                                                                                          |                     |                          |                                |                       |                                    |                                   |                       |                |
| 14                                                                                                                                                                                                                                                                                                                                          |                     |                          |                                |                       |                                    |                                   |                       |                |
| 15                                                                                                                                                                                                                                                                                                                                          |                     |                          |                                |                       |                                    |                                   |                       |                |
|                                                                                                                                                                                                                                                                                                                                             |                     |                          |                                | TOTAL NUMBER ON CAMP  | 5                                  |                                   |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                           |                     |                          |                                | MECHANICAL PROBLEM :  |                                    |                                   |                       |                |
| HELICOPTER FLIGHT (hr): 2                                                                                                                                                                                                                                                                                                                   |                     |                          |                                | ACCIDENT :            |                                    |                                   |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                |                     |                          |                                | TIMEOUT :             |                                    |                                   |                       |                |
| SAMPLES Rock: 10 Till:                                                                                                                                                                                                                                                                                                                      |                     |                          |                                | IMPROVEMENT TO DO :   |                                    |                                   |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                  |                     |                          |                                |                       |                                    |                                   |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                         |                     |                          |                                |                       |                                    |                                   |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                        |                     |                          |                                | DISCIPLINARY ADVISE : |                                    |                                   |                       |                |
| DRILLING From: To:                                                                                                                                                                                                                                                                                                                          |                     |                          |                                | VERIFICATION :        |                                    |                                   |                       |                |
| LEFTOVER BUDGET : #REF!                                                                                                                                                                                                                                                                                                                     |                     |                          |                                | EXPENSES : #REF!      |                                    | BILLING :                         |                       |                |
| IOS Services Géoscientifiques inc.                                                                                                                                                                                                                                                                                                          |                     |                          |                                |                       |                                    |                                   |                       |                |

|                                                                                                                                                                                                                                                                |                     |                          |                                |                       |                                    |                                    |                       |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|--------------------------------|-----------------------|------------------------------------|------------------------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                                                                                                                                                                            |                     | <b>Date :</b> 09-30-2021 |                                | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :                          |                       |                |
|                                                                                                                                                                                                                                                                |                     |                          |                                | CLIENT : Ethos Gold   | RESP. : Hugues Longuépée           | SIGNATURE :                        |                       |                |
|                                                                                                                                                                                                                                                                |                     |                          |                                | DAILY CALL :          |                                    |                                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                   |                     |                          |                                |                       |                                    |                                    |                       |                |
| Gennady, Adrien and Emerick went back to Rover Valley where they worked on the southwest area. Hugues worked on logistics.                                                                                                                                     |                     |                          |                                |                       |                                    |                                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                                                                                                                                                                                 |                     |                          |                                |                       |                                    |                                    |                       |                |
| Several meter-thick iron formations were found and could be traced for tens of meters. Several iron formations were cut by pegmatite (diatexite). This is rather contrasting with the northeast Rover Valley area where iron formations were more lenses-like. |                     |                          |                                |                       |                                    |                                    |                       |                |
|                                                                                                                                                                                                                                                                | <b>Staff</b>        | <b>Group</b>             | <b>Title; Daily task</b>       | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b>                 | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                              | Gennady Ivanov      | IOS                      | Senior geologist; Mapping      | Schefferville         | 11.5                               |                                    |                       |                |
| 2                                                                                                                                                                                                                                                              | Hugues Longuépée    | IOS                      | Project manager; Mapping       | Schefferville         | 11.5                               |                                    |                       |                |
| 3                                                                                                                                                                                                                                                              | Émerick Royer       | IOS                      | Field assistant; Mapping       | Schefferville         | 11.5                               |                                    |                       |                |
| 4                                                                                                                                                                                                                                                              | Adrien Boucher      | IOS                      | Geologist in training; Mapping | Schefferville         | 11.5                               |                                    |                       |                |
| 5                                                                                                                                                                                                                                                              |                     |                          |                                |                       |                                    |                                    |                       |                |
| 6                                                                                                                                                                                                                                                              | Dan-Elie Surprenant | Can. Helic.              | Helicopter pilot               | Schefferville         |                                    |                                    |                       |                |
| 7                                                                                                                                                                                                                                                              |                     |                          |                                |                       |                                    |                                    |                       |                |
| 8                                                                                                                                                                                                                                                              |                     |                          |                                |                       |                                    |                                    |                       |                |
| 9                                                                                                                                                                                                                                                              |                     |                          |                                |                       |                                    |                                    |                       |                |
| 10                                                                                                                                                                                                                                                             |                     |                          |                                |                       |                                    |                                    |                       |                |
| 11                                                                                                                                                                                                                                                             |                     |                          |                                |                       |                                    |                                    |                       |                |
| 12                                                                                                                                                                                                                                                             |                     |                          |                                |                       |                                    |                                    |                       |                |
| 13                                                                                                                                                                                                                                                             |                     |                          |                                |                       |                                    |                                    |                       |                |
| 14                                                                                                                                                                                                                                                             |                     |                          |                                |                       |                                    |                                    |                       |                |
| 15                                                                                                                                                                                                                                                             |                     |                          |                                |                       |                                    |                                    |                       |                |
|                                                                                                                                                                                                                                                                |                     |                          |                                | TOTAL NUMBER ON CAMP  | 5                                  |                                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                              |                     |                          |                                | MECHANICAL PROBLEM :  |                                    |                                    |                       |                |
| HELICOPTER FLIGHT (hr): 1                                                                                                                                                                                                                                      |                     |                          |                                | ACCIDENT :            |                                    |                                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                   |                     |                          |                                | TIMEOUT :             |                                    |                                    |                       |                |
| SAMPLES      Rock: 18      Till:                                                                                                                                                                                                                               |                     |                          |                                | IMPROVEMENT TO DO :   |                                    |                                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                     |                     |                          |                                |                       |                                    |                                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                            |                     |                          |                                |                       |                                    |                                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                           |                     |                          |                                | DISCIPLINARY ADVISE : |                                    |                                    |                       |                |
| DRILLING    From:      To:                                                                                                                                                                                                                                     |                     |                          |                                | VERIFICATION :        |                                    | IOS Services Géoscientifiques inc. |                       |                |
| LEFTOVER BUDGET :                                                                                                                                                                                                                                              |                     | #REF!                    | EXPENSES :                     | #REF!                 | BILLING :                          |                                    |                       |                |

|                                                                                                                                                                                                                                       |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|-------------------------------------|-----------------------|------------------------------------|-----------------------------------------------------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                                                                                                                                                   |                     | <b>Date :</b> 10-01-2021 |                                     | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER : Snow and rain in the morning. Cloudy in the afternoon |                       |                |
|                                                                                                                                                                                                                                       |                     |                          |                                     | CLIENT : Ethos Gold   | RESP. : Hugues Longuépée           | SIGNATURE :                                                     |                       |                |
|                                                                                                                                                                                                                                       |                     |                          |                                     | DAILY CALL :          |                                    |                                                                 |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                          |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
| No field work in the morning. Gennady, Adrien and Emerick left for Hamard in the afternoon. Meanwhile, Hugues worked on the logistics required to take the excavator and other equipment to Arsene.                                   |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                                                                                                                                                        |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
| No iron formation outcrop was found in the SE area of Hamard. However, a cluster of iron formation blocks with arsenopyrite was found. The same type of block was found north the river in the same area by Hugues in summer of 2021. |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
|                                                                                                                                                                                                                                       | <b>Staff</b>        | <b>Group</b>             | <b>Title; Daily task</b>            | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b>                                              | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                     | Gennady Ivanov      | IOS                      | Senior geologist; Mapping           | Schefferville         | 11.5                               |                                                                 |                       |                |
| 2                                                                                                                                                                                                                                     | Hugues Longuépée    | IOS                      | Project manager; logistics          | Schefferville         | 8                                  |                                                                 |                       |                |
| 3                                                                                                                                                                                                                                     | Émerick Royer       | IOS                      | Field assistant; Mapping            | Schefferville         | 11.5                               |                                                                 |                       |                |
| 4                                                                                                                                                                                                                                     | Adrien Boucher      | IOS                      | Geologist in training; Mobilisation | Schefferville         | 11.5                               |                                                                 |                       |                |
| 5                                                                                                                                                                                                                                     |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
| 6                                                                                                                                                                                                                                     | Dan-Elie Surprenant | Can. Helic.              | Helicopter pilot                    | Schefferville         |                                    |                                                                 |                       |                |
| 7                                                                                                                                                                                                                                     |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
| 8                                                                                                                                                                                                                                     |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
| 9                                                                                                                                                                                                                                     |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
| 10                                                                                                                                                                                                                                    |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
| 11                                                                                                                                                                                                                                    |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
| 12                                                                                                                                                                                                                                    |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
| 13                                                                                                                                                                                                                                    |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
| 14                                                                                                                                                                                                                                    |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
| 15                                                                                                                                                                                                                                    |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
|                                                                                                                                                                                                                                       |                     |                          |                                     | TOTAL NUMBER ON CAMP  | 5                                  |                                                                 |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                     |                     |                          |                                     | MECHANICAL PROBLEM :  |                                    |                                                                 |                       |                |
| HELICOPTER FLIGHT (hr): 1                                                                                                                                                                                                             |                     |                          |                                     | ACCIDENT :            |                                    |                                                                 |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                          |                     |                          |                                     | TIMEOUT :             |                                    |                                                                 |                       |                |
| SAMPLES Rock: 1 Till:                                                                                                                                                                                                                 |                     |                          |                                     | IMPROVEMENT TO DO :   |                                    |                                                                 |                       |                |
| PURCHASE :                                                                                                                                                                                                                            |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                   |                     |                          |                                     |                       |                                    |                                                                 |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                  |                     |                          |                                     | DISCIPLINARY ADVISE : |                                    |                                                                 |                       |                |
| DRILLING From: To:                                                                                                                                                                                                                    |                     |                          |                                     | VERIFICATION :        |                                    |                                                                 |                       |                |
| LEFTOVER BUDGET : #REF!                                                                                                                                                                                                               |                     |                          |                                     | EXPENSES : #REF!      |                                    | BILLING :                                                       |                       |                |
| IOS Services Géoscientifiques inc.                                                                                                                                                                                                    |                     |                          |                                     |                       |                                    |                                                                 |                       |                |

|                                                                                                                                                                                                                                                                                          |                     |                          |                                     |                       |                                    |                    |                       |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|-------------------------------------|-----------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                                                                                                                                                                                                      |                     | <b>Date :</b> 10-02-2021 |                                     | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER : Cloudy   |                       |                |
|                                                                                                                                                                                                                                                                                          |                     |                          |                                     | CLIENT : Ethos Gold   | RESP. : Hugues Longuépée           | SIGNATURE :        |                       |                |
|                                                                                                                                                                                                                                                                                          |                     |                          |                                     | DAILY CALL :          |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                             |                     |                          |                                     |                       |                                    |                    |                       |                |
| Gennady, Adrien and Emerick went to Arsene and Beluga to find the iron formation extension and area where stripping would be useful. Hugues worked on logistics and help with mobilisation of equipment toward Arsene. Fuel, water tanks and heater were flown to site (4 trip: 7 hours) |                     |                          |                                     |                       |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                                                                                                                                                                                                           |                     |                          |                                     |                       |                                    |                    |                       |                |
| A few historical stripped areas where no sampling was done have been found. Overall, very few iron formations to the NW. The original Beluga showing was not found (error in Sigeom location) and only paragneiss and metatextites were found east of the lake.                          |                     |                          |                                     |                       |                                    |                    |                       |                |
|                                                                                                                                                                                                                                                                                          | <b>Staff</b>        | <b>Group</b>             | <b>Title; Daily task</b>            | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                        | Gennady Ivanov      | IOS                      | Senior geologist; Mapping           | Schefferville         | 11.5                               |                    |                       |                |
| 2                                                                                                                                                                                                                                                                                        | Hugues Longuépée    | IOS                      | Project manager; logistics          | Schefferville         | 11.5                               |                    |                       |                |
| 3                                                                                                                                                                                                                                                                                        | Émerick Royer       | IOS                      | Field assistant; Mapping            | Schefferville         | 11.5                               |                    |                       |                |
| 4                                                                                                                                                                                                                                                                                        | Adrien Boucher      | IOS                      | Geologist in training; Mobilisation | Schefferville         | 11.5                               |                    |                       |                |
| 5                                                                                                                                                                                                                                                                                        |                     |                          |                                     |                       |                                    |                    |                       |                |
| 6                                                                                                                                                                                                                                                                                        | Dan-Elie Surprenant | Can. Helic.              | Helicopter pilot                    | Schefferville         |                                    |                    |                       |                |
| 7                                                                                                                                                                                                                                                                                        |                     |                          |                                     |                       |                                    |                    |                       |                |
| 8                                                                                                                                                                                                                                                                                        |                     |                          |                                     |                       |                                    |                    |                       |                |
| 9                                                                                                                                                                                                                                                                                        |                     |                          |                                     |                       |                                    |                    |                       |                |
| 10                                                                                                                                                                                                                                                                                       |                     |                          |                                     |                       |                                    |                    |                       |                |
| 11                                                                                                                                                                                                                                                                                       |                     |                          |                                     |                       |                                    |                    |                       |                |
| 12                                                                                                                                                                                                                                                                                       |                     |                          |                                     |                       |                                    |                    |                       |                |
| 13                                                                                                                                                                                                                                                                                       |                     |                          |                                     |                       |                                    |                    |                       |                |
| 14                                                                                                                                                                                                                                                                                       |                     |                          |                                     |                       |                                    |                    |                       |                |
| 15                                                                                                                                                                                                                                                                                       |                     |                          |                                     |                       |                                    |                    |                       |                |
|                                                                                                                                                                                                                                                                                          |                     |                          |                                     | TOTAL NUMBER ON CAMP  | 5                                  |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                        |                     |                          |                                     | MECHANICAL PROBLEM :  |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 7                                                                                                                                                                                                                                                                |                     |                          |                                     | ACCIDENT :            |                                    |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                             |                     |                          |                                     | TIMEOUT :             |                                    |                    |                       |                |
| SAMPLES Rock: 9 Till:                                                                                                                                                                                                                                                                    |                     |                          |                                     | IMPROVEMENT TO DO :   |                                    |                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                               |                     |                          |                                     |                       |                                    |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                      |                     |                          |                                     |                       |                                    |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                     |                     |                          |                                     | DISCIPLINARY ADVISE : |                                    |                    |                       |                |
| DRILLING From: To:                                                                                                                                                                                                                                                                       |                     |                          |                                     | VERIFICATION :        |                                    |                    |                       |                |
| LEFTOVER BUDGET : #REF!                                                                                                                                                                                                                                                                  |                     |                          |                                     | EXPENSES : #REF!      |                                    | BILLING :          |                       |                |
| IOS Services Géoscientifiques inc.                                                                                                                                                                                                                                                       |                     |                          |                                     |                       |                                    |                    |                       |                |

|                                                                                                                                                                                                                                                                                                                                                                                                          |                     |                          |                                        |                       |                                    |                          |                       |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|----------------------------------------|-----------------------|------------------------------------|--------------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                                                                                                                                                                                                                                                                                                                      |                     | <b>Date :</b> 10-03-2021 |                                        | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER : Sunny and warm |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                          |                     |                          |                                        | CLIENT : Ethos Gold   | RESP. : Hugues Longuépée           | SIGNATURE :              |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                          |                     |                          |                                        | DAILY CALL :          |                                    |                          |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                                                                                                                             |                     |                          |                                        |                       |                                    |                          |                       |                |
| Gennady went back to Beluga SE while Adrien and Emerick went to Beluga NW. Hugues did some logistics in the morning (more gear was flown out to Arsene) and went to Arsene SE in the afternoon.                                                                                                                                                                                                          |                     |                          |                                        |                       |                                    |                          |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                                                                                                                                                                                                                                                                                                                           |                     |                          |                                        |                       |                                    |                          |                       |                |
| The original Beluga showing was found and is composed of a thick iron formation. Another area of iron formation was located SE of Beluga. Stripping and trenching is recommended. To the NW, the mag anomalies are related to magnetite-rich metatexites. The long NW-SE anomaly north of Arsene, also seems to be related to magnetic pods in a metatextite. Some stripping and trenching will confirm. |                     |                          |                                        |                       |                                    |                          |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Staff</b>        | <b>Group</b>             | <b>Title; Daily task</b>               | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b>       | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                                                                                                                        | Gennady Ivanov      | IOS                      | Senior geologist; Mapping              | Schefferville         | 11.5                               |                          |                       |                |
| 2                                                                                                                                                                                                                                                                                                                                                                                                        | Hugues Longuépée    | IOS                      | Project manager; Mapping and logistics | Schefferville         | 11.5                               |                          |                       |                |
| 3                                                                                                                                                                                                                                                                                                                                                                                                        | Émerick Royer       | IOS                      | Field assistant; Mapping               | Schefferville         | 11.5                               |                          |                       |                |
| 4                                                                                                                                                                                                                                                                                                                                                                                                        | Adrien Boucher      | IOS                      | Geologist in training; Mobilisation    | Schefferville         | 11.5                               |                          |                       |                |
| 5                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                          |                                        |                       |                                    |                          |                       |                |
| 6                                                                                                                                                                                                                                                                                                                                                                                                        | Dan-Elie Surprenant | Can. Helic.              | Helicopter pilot                       | Schefferville         |                                    |                          |                       |                |
| 7                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                          |                                        |                       |                                    |                          |                       |                |
| 8                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                          |                                        |                       |                                    |                          |                       |                |
| 9                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                          |                                        |                       |                                    |                          |                       |                |
| 10                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                          |                                        |                       |                                    |                          |                       |                |
| 11                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                          |                                        |                       |                                    |                          |                       |                |
| 12                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                          |                                        |                       |                                    |                          |                       |                |
| 13                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                          |                                        |                       |                                    |                          |                       |                |
| 14                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                          |                                        |                       |                                    |                          |                       |                |
| 15                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                          |                                        |                       |                                    |                          |                       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                          |                     |                          |                                        | TOTAL NUMBER ON CAMP  | 5                                  |                          |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                                                                                                                        |                     |                          |                                        | MECHANICAL PROBLEM :  |                                    |                          |                       |                |
| HELICOPTER FLIGHT (hr): 6                                                                                                                                                                                                                                                                                                                                                                                |                     |                          |                                        | ACCIDENT :            |                                    |                          |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                                                                                                                             |                     |                          |                                        | TIMEOUT :             |                                    |                          |                       |                |
| SAMPLES Rock: 3 Till:                                                                                                                                                                                                                                                                                                                                                                                    |                     |                          |                                        | IMPROVEMENT TO DO :   |                                    |                          |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                                                                                                                               |                     |                          |                                        |                       |                                    |                          |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                                                                                                                      |                     |                          |                                        |                       |                                    |                          |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                                                                                                                                     |                     |                          |                                        | DISCIPLINARY ADVISE : |                                    |                          |                       |                |
| DRILLING From: To:                                                                                                                                                                                                                                                                                                                                                                                       |                     |                          |                                        | VERIFICATION :        |                                    |                          |                       |                |
| LEFTOVER BUDGET : #REF!                                                                                                                                                                                                                                                                                                                                                                                  |                     |                          |                                        | EXPENSES : #REF!      |                                    | BILLING :                |                       |                |
| IOS Services Géoscientifiques inc.                                                                                                                                                                                                                                                                                                                                                                       |                     |                          |                                        |                       |                                    |                          |                       |                |

|                                                                                                            |                     |                          |                                                                |                                    |                                    |                    |                       |                |
|------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|----------------------------------------------------------------|------------------------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                        |                     | <b>Date :</b> 10-04-2021 |                                                                | PROJECT : 1426                     | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                                                                                            |                     |                          |                                                                | CLIENT : Ethos Gold                | RESP. : Gennady Ivanov             | SIGNATURE :        |                       |                |
|                                                                                                            |                     |                          |                                                                | DAILY CALL :                       |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                               |                     |                          |                                                                |                                    |                                    |                    |                       |                |
| Mobilisation of the trenching crew. Demobilisation of H.Longuépée and É. Royer. Excavator moved to Arsene. |                     |                          |                                                                |                                    |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                             |                     |                          |                                                                |                                    |                                    |                    |                       |                |
|                                                                                                            |                     |                          |                                                                |                                    |                                    |                    |                       |                |
|                                                                                                            | <b>Staff</b>        | <b>Group</b>             | <b>Title; Daily task</b>                                       | <b>Overnight</b>                   | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                          | Gennady Ivanov      | IOS                      | Senior geologist; Mapping                                      | Schefferville                      | 11.5                               |                    |                       |                |
| 2                                                                                                          | Hugues Longuépée    | IOS                      | Project manager; demobilisation                                |                                    | 8                                  |                    |                       |                |
| 3                                                                                                          | Émerick Royer       | IOS                      | Field assistant; demobilisation                                |                                    | 8                                  |                    |                       |                |
| 4                                                                                                          | Adrien Boucher      | IOS                      | Geologist in training; Mobilisation                            | Schefferville                      | 11.5                               |                    |                       |                |
| 5                                                                                                          | Kevin Maltais       | IOS                      | Excavator operator, mobilisation and logistics                 | Schefferville                      | 11.5                               |                    |                       |                |
| 6                                                                                                          | Charles Painchaud   | IOS                      | Field assistant; Mobilisation and logistics (channel sampling) | Schefferville                      | 11.5                               |                    |                       |                |
| 7                                                                                                          | Lars Bennedsen      | IOS                      | Field assistant; Mobilisation and logistics (channel sampling) | Schefferville                      | 11.5                               |                    |                       |                |
| 8                                                                                                          |                     |                          |                                                                |                                    |                                    |                    |                       |                |
| 9                                                                                                          | Dan-Elie Surprenant | Can. Helic.              | Helicopter pilot                                               | Schefferville                      |                                    |                    |                       |                |
| 10                                                                                                         |                     |                          | Helicopter pilot; mobilisation                                 | Schefferville                      |                                    |                    |                       |                |
| 11                                                                                                         |                     |                          | Mechanic; mobilisation                                         | Schefferville                      |                                    |                    |                       |                |
| 12                                                                                                         |                     |                          |                                                                |                                    |                                    |                    |                       |                |
| 13                                                                                                         |                     |                          |                                                                |                                    |                                    |                    |                       |                |
| 14                                                                                                         |                     |                          |                                                                |                                    |                                    |                    |                       |                |
| 15                                                                                                         |                     |                          |                                                                |                                    |                                    |                    |                       |                |
|                                                                                                            |                     |                          |                                                                | TOTAL NUMBER ON CAMP               | 8                                  |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                          |                     |                          |                                                                | MECHANICAL PROBLEM :               |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 4                                                                                  |                     |                          |                                                                | ACCIDENT :                         |                                    |                    |                       |                |
| TRUCK TRIP :                                                                                               |                     |                          |                                                                | TIMEOUT :                          |                                    |                    |                       |                |
| SAMPLES Rock: Till:                                                                                        |                     |                          |                                                                | IMPROVEMENT TO DO :                |                                    |                    |                       |                |
| PURCHASE :                                                                                                 |                     |                          |                                                                |                                    |                                    |                    |                       |                |
| MOBILIZATION (hr) :                                                                                        |                     |                          |                                                                |                                    |                                    |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                       |                     |                          |                                                                | DISCIPLINARY ADVISE :              |                                    |                    |                       |                |
| DRILLING From: To:                                                                                         |                     |                          |                                                                | VERIFICATION :                     |                                    |                    |                       |                |
| LEFTOVER BUDGET : #REF!                                                                                    |                     |                          |                                                                | BILLING :                          |                                    |                    |                       |                |
| EXPENSES : #REF!                                                                                           |                     |                          |                                                                | IOS Services Géoscientifiques inc. |                                    |                    |                       |                |



|                                                                 |                     |                          |                                                    |                       |                                    |                                    |                       |                |
|-----------------------------------------------------------------|---------------------|--------------------------|----------------------------------------------------|-----------------------|------------------------------------|------------------------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                             |                     | <b>Date :</b> 10-05-2021 |                                                    | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :                          |                       |                |
|                                                                 |                     |                          |                                                    | CLIENT : Ethos Gold   | RESP. : Gennady Ivanov             | SIGNATURE :                        |                       |                |
|                                                                 |                     |                          |                                                    | DAILY CALL :          |                                    |                                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                    |                     |                          |                                                    |                       |                                    |                                    |                       |                |
| Pilot change. All required gear transported on trench location. |                     |                          |                                                    |                       |                                    |                                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                  |                     |                          |                                                    |                       |                                    |                                    |                       |                |
|                                                                 |                     |                          |                                                    |                       |                                    |                                    |                       |                |
|                                                                 | <b>Staff</b>        | <b>Group</b>             | <b>Title; Daily task</b>                           | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b>                 | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                               | Gennady Ivanov      | IOS                      | Senior geologist; Mapping                          | Schefferville         | 11.5                               |                                    |                       |                |
| 2                                                               | Adrien Boucher      | IOS                      | Geologist in training; Trench mapping and sampling | Schefferville         | 11.5                               |                                    |                       |                |
| 3                                                               | Kevin Maltais       | IOS                      | Excavator operator                                 | Schefferville         | 11.5                               |                                    |                       |                |
| 4                                                               | Charles Painchaud   | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                                    |                       |                |
| 5                                                               | Lars Bennedsen      | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                                    |                       |                |
| 6                                                               |                     |                          |                                                    |                       |                                    |                                    |                       |                |
| 7                                                               | Dan-Elie Surprenant | Can. Helic.              | Helicopter pilot; demobilisation                   |                       |                                    |                                    |                       |                |
| 8                                                               |                     |                          | Helicopter pilot                                   | Schefferville         |                                    |                                    |                       |                |
| 9                                                               |                     |                          | Mechanic                                           | Schefferville         |                                    |                                    |                       |                |
| 10                                                              |                     |                          |                                                    |                       |                                    |                                    |                       |                |
| 11                                                              |                     |                          |                                                    |                       |                                    |                                    |                       |                |
| 12                                                              |                     |                          |                                                    |                       |                                    |                                    |                       |                |
| 13                                                              |                     |                          |                                                    |                       |                                    |                                    |                       |                |
| 14                                                              |                     |                          |                                                    |                       |                                    |                                    |                       |                |
| 15                                                              |                     |                          |                                                    |                       |                                    |                                    |                       |                |
|                                                                 |                     |                          |                                                    | TOTAL NUMBER ON CAMP  | 7                                  |                                    |                       |                |
| SEAPLANE FLIGHT :                                               |                     |                          |                                                    | MECHANICAL PROBLEM :  |                                    |                                    |                       |                |
| HELICOPTER FLIGHT (hr): 2                                       |                     |                          |                                                    | ACCIDENT :            |                                    |                                    |                       |                |
| TRUCK TRIP :                                                    |                     |                          |                                                    | TIMEOUT :             |                                    |                                    |                       |                |
| SAMPLES                      Rock:                      Till:   |                     |                          |                                                    | IMPROVEMENT TO DO :   |                                    |                                    |                       |                |
| PURCHASE :                                                      |                     |                          |                                                    |                       |                                    |                                    |                       |                |
| MOBILIZATION (hr) :                                             |                     |                          |                                                    |                       |                                    |                                    |                       |                |
| DEMOBILIZATION (hr):                                            |                     |                          |                                                    | DISCIPLINARY ADVISE : |                                    |                                    |                       |                |
| DRILLING    From:                      To:                      |                     |                          |                                                    | VERIFICATION :        |                                    | IOS Services Géoscientifiques inc. |                       |                |
| LEFTOVER BUDGET :                                               |                     | #REF!                    | EXPENSES :                                         | #REF!                 | BILLING :                          |                                    |                       |                |

|                                                                                                                                                                                       |                   |                          |                                                    |                       |                                    |                    |                       |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------|----------------------------------------------------|-----------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                                                                                                   |                   | <b>Date :</b> 10-06-2021 |                                                    | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                                                                                                                                                                       |                   |                          |                                                    | CLIENT : Ethos Gold   | RESP. : Gennady Ivanov             | SIGNATURE :        |                       |                |
|                                                                                                                                                                                       |                   |                          |                                                    | DAILY CALL :          |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                          |                   |                          |                                                    |                       |                                    |                    |                       |                |
| Channel sampling of historical Arsene NW stripped area. Clearing helicopter pad and trenching on the linear mag high NE of Arsene. Mapping and prospecting around the Arsene showing. |                   |                          |                                                    |                       |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                                                                                                        |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                                                       |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                                                       | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b>                           | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                     | Gennady Ivanov    | IOS                      | Senior geologist; Mapping                          | Schefferville         | 11.5                               |                    |                       |                |
| 2                                                                                                                                                                                     | Adrien Boucher    | IOS                      | Geologist in training; Trench mapping and sampling | Schefferville         | 11.5                               |                    |                       |                |
| 3                                                                                                                                                                                     | Kevin Maltais     | IOS                      | Excavator operator                                 | Schefferville         | 11.5                               |                    |                       |                |
| 4                                                                                                                                                                                     | Charles Painchaud | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 5                                                                                                                                                                                     | Lars Bennedsen    | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 6                                                                                                                                                                                     |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 7                                                                                                                                                                                     |                   | Can. Helic.              | Helicopter pilot                                   | Schefferville         |                                    |                    |                       |                |
| 8                                                                                                                                                                                     |                   | Can. Helic.              | Mechanic                                           | Schefferville         |                                    |                    |                       |                |
| 9                                                                                                                                                                                     |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 10                                                                                                                                                                                    |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 11                                                                                                                                                                                    |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 12                                                                                                                                                                                    |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 13                                                                                                                                                                                    |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 14                                                                                                                                                                                    |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 15                                                                                                                                                                                    |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                                                       |                   |                          |                                                    | TOTAL NUMBER ON CAMP  | 7                                  |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                     |                   |                          |                                                    | MECHANICAL PROBLEM :  |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 3                                                                                                                                                             |                   |                          |                                                    | ACCIDENT :            |                                    |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                          |                   |                          |                                                    | TIMEOUT :             |                                    |                    |                       |                |
| SAMPLES Rock: Till:                                                                                                                                                                   |                   |                          |                                                    | IMPROVEMENT TO DO :   |                                    |                    |                       |                |
| PURCHASE :                                                                                                                                                                            |                   |                          |                                                    |                       |                                    |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                   |                   |                          |                                                    |                       |                                    |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                  |                   |                          |                                                    | DISCIPLINARY ADVISE : |                                    |                    |                       |                |
| DRILLING From: To:                                                                                                                                                                    |                   |                          |                                                    | VERIFICATION :        |                                    |                    |                       |                |
| LEFTOVER BUDGET : #REF!                                                                                                                                                               |                   |                          |                                                    | EXPENSES : #REF!      |                                    | BILLING :          |                       |                |
| IOS Services Géoscientifiques inc.                                                                                                                                                    |                   |                          |                                                    |                       |                                    |                    |                       |                |

|                                                                                                                                                  |                   |                          |                                                    |                       |                                    |                    |                       |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------|----------------------------------------------------|-----------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                                                              |                   | <b>Date :</b> 10-07-2021 |                                                    | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                                                                                                                                  |                   |                          |                                                    | CLIENT : Ethos Gold   | RESP. : Gennady Ivanov             | SIGNATURE :        |                       |                |
|                                                                                                                                                  |                   |                          |                                                    | DAILY CALL :          |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                     |                   |                          |                                                    |                       |                                    |                    |                       |                |
| Channel sampling of historical Arsene NW and Arsene NW200. Trenching of Arsene NW400 (NW linear mag high). Mapping and prospecting on on Arsene. |                   |                          |                                                    |                       |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                                                                   |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                  |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                  | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b>                           | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                | Gennady Ivanov    | IOS                      | Senior geologist; Mapping                          | Schefferville         | 11.5                               |                    |                       |                |
| 2                                                                                                                                                | Adrien Boucher    | IOS                      | Geologist in training; Trench mapping and sampling | Schefferville         | 11.5                               |                    |                       |                |
| 3                                                                                                                                                | Kevin Maltais     | IOS                      | Excavator operator                                 | Schefferville         | 11.5                               |                    |                       |                |
| 4                                                                                                                                                | Charles Painchaud | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 5                                                                                                                                                | Lars Bennedsen    | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 6                                                                                                                                                |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 7                                                                                                                                                |                   | Can. Helic.              | Helicopter pilot                                   | Schefferville         |                                    |                    |                       |                |
| 8                                                                                                                                                |                   | Can. Helic.              | Mechanic                                           | Schefferville         |                                    |                    |                       |                |
| 9                                                                                                                                                |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 10                                                                                                                                               |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 11                                                                                                                                               |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 12                                                                                                                                               |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 13                                                                                                                                               |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 14                                                                                                                                               |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 15                                                                                                                                               |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                  |                   |                          |                                                    | TOTAL NUMBER ON CAMP  | 7                                  |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                |                   |                          |                                                    | MECHANICAL PROBLEM :  |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 2                                                                                                                        |                   |                          |                                                    | ACCIDENT :            |                                    |                    |                       |                |
| TRUCK TRIP :                                                                                                                                     |                   |                          |                                                    | TIMEOUT :             |                                    |                    |                       |                |
| SAMPLES Rock: 7 Till:                                                                                                                            |                   |                          |                                                    | IMPROVEMENT TO DO :   |                                    |                    |                       |                |
| PURCHASE :                                                                                                                                       |                   |                          |                                                    |                       |                                    |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                              |                   |                          |                                                    |                       |                                    |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                             |                   |                          |                                                    | DISCIPLINARY ADVISE : |                                    |                    |                       |                |
| DRILLING From: To:                                                                                                                               |                   |                          |                                                    | VERIFICATION :        |                                    |                    |                       |                |
| LEFTOVER BUDGET :                                                                                                                                |                   | #REF!                    | EXPENSES :                                         | #REF!                 | BILLING :                          |                    |                       |                |
| IOS Services Géoscientifiques inc.                                                                                                               |                   |                          |                                                    |                       |                                    |                    |                       |                |

|                                                                                                     |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
|-----------------------------------------------------------------------------------------------------|-------------------|--------------|----------------------------------------------------|-----------------------|---------------------|------------------------------------|------------------------------------|----------------|-------------|--|
| <b>DAILY REPORT</b>                                                                                 |                   |              | <b>Date :</b> 10-08-2021                           |                       | PROJECT : 1426      |                                    | CAMP : Schefferville (Guest House) |                | WEATHER :   |  |
|                                                                                                     |                   |              |                                                    |                       | CLIENT : Ethos Gold |                                    | RESP. : Gennady Ivanov             |                | SIGNATURE : |  |
|                                                                                                     |                   |              |                                                    |                       | DAILY CALL :        |                                    |                                    |                |             |  |
| <b>COMMENTS ABOUT WORK :</b>                                                                        |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
| Channel sampling at arsene NW. End of trenching at Arsene NW400. Mapping and prospecting at Arsene. |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                      |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
|                                                                                                     |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
|                                                                                                     | <b>Staff</b>      | <b>Group</b> | <b>Title; Daily task</b>                           | <b>Overnight</b>      | <b>Time</b>         | <b>Out of Camp</b>                 | <b>Where (if out)</b>              | <b>Facture</b> |             |  |
| 1                                                                                                   | Gennady Ivanov    | IOS          | Senior geologist; Mapping                          | Schefferville         | 11.5                |                                    |                                    |                |             |  |
| 2                                                                                                   | Adrien Boucher    | IOS          | Geologist in training; Trench mapping and sampling | Schefferville         | 11.5                |                                    |                                    |                |             |  |
| 3                                                                                                   | Kevin Maltais     | IOS          | Excavator operator                                 | Schefferville         | 11.5                |                                    |                                    |                |             |  |
| 4                                                                                                   | Charles Painchaud | IOS          | Field assistant; Channel sampling                  | Schefferville         | 11.5                |                                    |                                    |                |             |  |
| 5                                                                                                   | Lars Bennedsen    | IOS          | Field assistant; Channel sampling                  | Schefferville         | 11.5                |                                    |                                    |                |             |  |
| 6                                                                                                   |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
| 7                                                                                                   |                   | Can. Helic.  | Helicopter pilot                                   | Schefferville         |                     |                                    |                                    |                |             |  |
| 8                                                                                                   |                   | Can. Helic.  | Mechanic                                           | Schefferville         |                     |                                    |                                    |                |             |  |
| 9                                                                                                   |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
| 10                                                                                                  |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
| 11                                                                                                  |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
| 12                                                                                                  |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
| 13                                                                                                  |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
| 14                                                                                                  |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
| 15                                                                                                  |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
|                                                                                                     |                   |              |                                                    | TOTAL NUMBER ON CAMP  | 7                   |                                    |                                    |                |             |  |
| SEAPLANE FLIGHT :                                                                                   |                   |              |                                                    | MECHANICAL PROBLEM :  |                     |                                    |                                    |                |             |  |
| HELICOPTER FLIGHT (hr): 4                                                                           |                   |              |                                                    | ACCIDENT :            |                     |                                    |                                    |                |             |  |
| TRUCK TRIP :                                                                                        |                   |              |                                                    | TIMEOUT :             |                     |                                    |                                    |                |             |  |
| SAMPLES Rock: 8 Till:                                                                               |                   |              |                                                    | IMPROVEMENT TO DO :   |                     |                                    |                                    |                |             |  |
| PURCHASE :                                                                                          |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
| MOBILIZATION (hr) :                                                                                 |                   |              |                                                    |                       |                     |                                    |                                    |                |             |  |
| DEMOBILIZATION (hr):                                                                                |                   |              |                                                    | DISCIPLINARY ADVISE : |                     |                                    |                                    |                |             |  |
| DRILLING From: To:                                                                                  |                   |              |                                                    | VERIFICATION :        |                     | IOS Services Géoscientifiques inc. |                                    |                |             |  |
| LEFTOVER BUDGET :                                                                                   |                   | #REF!        | EXPENSES :                                         | #REF!                 | BILLING :           |                                    |                                    |                |             |  |

|                                                                                                                               |                   |                          |                                                    |                       |                                    |                    |                       |                |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------|----------------------------------------------------|-----------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                                           |                   | <b>Date :</b> 10-09-2021 |                                                    | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                                                                                                               |                   |                          |                                                    | CLIENT : Ethos Gold   | RESP. : Gennady Ivanov             | SIGNATURE :        |                       |                |
|                                                                                                                               |                   |                          |                                                    | DAILY CALL :          |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                  |                   |                          |                                                    |                       |                                    |                    |                       |                |
| Channel sampling at Arsene NW200. Trenching on a linera mag anomaly SE of the Beluga Lake. Mapping and prospecting at Beluga. |                   |                          |                                                    |                       |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                                                |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                               |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                               | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b>                           | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                             | Gennady Ivanov    | IOS                      | Senior geologist; Mapping                          | Schefferville         | 11.5                               |                    |                       |                |
| 2                                                                                                                             | Adrien Boucher    | IOS                      | Geologist in training; Trench mapping and sampling | Schefferville         | 11.5                               |                    |                       |                |
| 3                                                                                                                             | Kevin Maltais     | IOS                      | Excavator operator                                 | Schefferville         | 11.5                               |                    |                       |                |
| 4                                                                                                                             | Charles Painchaud | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 5                                                                                                                             | Lars Bennedsen    | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 6                                                                                                                             |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 7                                                                                                                             |                   | Can. Helic.              | Helicopter pilot                                   | Schefferville         |                                    |                    |                       |                |
| 8                                                                                                                             |                   | Can. Helic.              | Mechanic                                           | Schefferville         |                                    |                    |                       |                |
| 9                                                                                                                             |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 10                                                                                                                            |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 11                                                                                                                            |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 12                                                                                                                            |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 13                                                                                                                            |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 14                                                                                                                            |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 15                                                                                                                            |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                               |                   |                          |                                                    | TOTAL NUMBER ON CAMP  | 7                                  |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                             |                   |                          |                                                    | MECHANICAL PROBLEM :  |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 5                                                                                                     |                   |                          |                                                    | ACCIDENT :            |                                    |                    |                       |                |
| TRUCK TRIP :                                                                                                                  |                   |                          |                                                    | TIMEOUT :             |                                    |                    |                       |                |
| SAMPLES Rock: 23 Till:                                                                                                        |                   |                          |                                                    | IMPROVEMENT TO DO :   |                                    |                    |                       |                |
| PURCHASE :                                                                                                                    |                   |                          |                                                    |                       |                                    |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                           |                   |                          |                                                    |                       |                                    |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                          |                   |                          |                                                    | DISCIPLINARY ADVISE : |                                    |                    |                       |                |
| DRILLING From: To:                                                                                                            |                   |                          |                                                    | VERIFICATION :        |                                    |                    |                       |                |
| LEFTOVER BUDGET :                                                                                                             |                   | #REF!                    | EXPENSES :                                         | #REF!                 | BILLING :                          |                    |                       |                |
| IOS Services Géoscientifiques inc.                                                                                            |                   |                          |                                                    |                       |                                    |                    |                       |                |

|                                                                                                             |                   |                          |                                                    |                       |                                    |                    |                       |                |
|-------------------------------------------------------------------------------------------------------------|-------------------|--------------------------|----------------------------------------------------|-----------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                         |                   | <b>Date :</b> 10-10-2021 |                                                    | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                                                                                             |                   |                          |                                                    | CLIENT : Ethos Gold   | RESP. : Gennady Ivanov             | SIGNATURE :        |                       |                |
|                                                                                                             |                   |                          |                                                    | DAILY CALL :          |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                |                   |                          |                                                    |                       |                                    |                    |                       |                |
| Channel sampling at Arsene NW200 and NW400. Trenching SE of Beluga Lake. Mapping and prospecting at Beluga. |                   |                          |                                                    |                       |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                              |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                             |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                             | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b>                           | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                           | Gennady Ivanov    | IOS                      | Senior geologist; Mapping                          | Schefferville         | 11.5                               |                    |                       |                |
| 2                                                                                                           | Adrien Boucher    | IOS                      | Geologist in training; Trench mapping and sampling | Schefferville         | 11.5                               |                    |                       |                |
| 3                                                                                                           | Kevin Maltais     | IOS                      | Excavator operator                                 | Schefferville         | 11.5                               |                    |                       |                |
| 4                                                                                                           | Charles Painchaud | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 5                                                                                                           | Lars Bennedsen    | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 6                                                                                                           |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 7                                                                                                           |                   | Can. Helic.              | Helicopter pilot                                   | Schefferville         |                                    |                    |                       |                |
| 8                                                                                                           |                   | Can. Helic.              | Mechanic                                           | Schefferville         |                                    |                    |                       |                |
| 9                                                                                                           |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 10                                                                                                          |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 11                                                                                                          |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 12                                                                                                          |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 13                                                                                                          |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 14                                                                                                          |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 15                                                                                                          |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                             |                   |                          |                                                    | TOTAL NUMBER ON CAMP  | 7                                  |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                           |                   |                          |                                                    | MECHANICAL PROBLEM :  |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 2                                                                                   |                   |                          |                                                    | ACCIDENT :            |                                    |                    |                       |                |
| TRUCK TRIP :                                                                                                |                   |                          |                                                    | TIMEOUT :             |                                    |                    |                       |                |
| SAMPLES Rock: 11 Till:                                                                                      |                   |                          |                                                    | IMPROVEMENT TO DO :   |                                    |                    |                       |                |
| PURCHASE :                                                                                                  |                   |                          |                                                    |                       |                                    |                    |                       |                |
| MOBILIZATION (hr) :                                                                                         |                   |                          |                                                    |                       |                                    |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                        |                   |                          |                                                    | DISCIPLINARY ADVISE : |                                    |                    |                       |                |
| DRILLING From: To:                                                                                          |                   |                          |                                                    | VERIFICATION :        |                                    |                    |                       |                |
| LEFTOVER BUDGET : #REF!                                                                                     |                   |                          |                                                    | EXPENSES : #REF!      |                                    | BILLING :          |                       |                |
| IOS Services Géoscientifiques inc.                                                                          |                   |                          |                                                    |                       |                                    |                    |                       |                |



|                                                                                                                                                                                                                                                                                   |                   |                          |                                                    |                       |                                    |                    |                       |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------|----------------------------------------------------|-----------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                                                                                                                                                                                               |                   | <b>Date :</b> 10-11-2021 |                                                    | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                                                                                                                                                                                                                                                                   |                   |                          |                                                    | CLIENT : Ethos Gold   | RESP. : Gennady Ivanov             | SIGNATURE :        |                       |                |
|                                                                                                                                                                                                                                                                                   |                   |                          |                                                    | DAILY CALL :          |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                      |                   |                          |                                                    |                       |                                    |                    |                       |                |
| Channel sampling of Arsene NW400. Trenching at Beluga Lake was abandoned due to thick overburden (3.5m). Channel sampling at Arsene NE trench was abandoned due to flooding. Excavator moved to the Beluga showing. Mapping and prospecting at Beluga. Rain is becoming an issue. |                   |                          |                                                    |                       |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                                                                                                                                                                                                    |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                                                                                                                                                   |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                                                                                                                                                   | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b>                           | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                 | Gennady Ivanov    | IOS                      | Senior geologist; Mapping                          | Schefferville         | 11.5                               |                    |                       |                |
| 2                                                                                                                                                                                                                                                                                 | Adrien Boucher    | IOS                      | Geologist in training; Trench mapping and sampling | Schefferville         | 11.5                               |                    |                       |                |
| 3                                                                                                                                                                                                                                                                                 | Kevin Maltais     | IOS                      | Excavator operator                                 | Schefferville         | 11.5                               |                    |                       |                |
| 4                                                                                                                                                                                                                                                                                 | Charles Painchaud | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 5                                                                                                                                                                                                                                                                                 | Lars Bennedsen    | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 6                                                                                                                                                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 7                                                                                                                                                                                                                                                                                 |                   | Can. Helic.              | Helicopter pilot                                   | Schefferville         |                                    |                    |                       |                |
| 8                                                                                                                                                                                                                                                                                 |                   | Can. Helic.              | Mechanic                                           | Schefferville         |                                    |                    |                       |                |
| 9                                                                                                                                                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 10                                                                                                                                                                                                                                                                                |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 11                                                                                                                                                                                                                                                                                |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 12                                                                                                                                                                                                                                                                                |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 13                                                                                                                                                                                                                                                                                |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 14                                                                                                                                                                                                                                                                                |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 15                                                                                                                                                                                                                                                                                |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                                                                                                                                                   |                   |                          |                                                    | TOTAL NUMBER ON CAMP  | 7                                  |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                 |                   |                          |                                                    | MECHANICAL PROBLEM :  |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 3                                                                                                                                                                                                                                                         |                   |                          |                                                    | ACCIDENT :            |                                    |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                      |                   |                          |                                                    | TIMEOUT :             |                                    |                    |                       |                |
| SAMPLES Rock: 8 Till:                                                                                                                                                                                                                                                             |                   |                          |                                                    | IMPROVEMENT TO DO :   |                                    |                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                        |                   |                          |                                                    |                       |                                    |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                               |                   |                          |                                                    |                       |                                    |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                              |                   |                          |                                                    | DISCIPLINARY ADVISE : |                                    |                    |                       |                |
| DRILLING From: To:                                                                                                                                                                                                                                                                |                   |                          |                                                    | VERIFICATION :        |                                    |                    |                       |                |
| LEFTOVER BUDGET :                                                                                                                                                                                                                                                                 |                   | #REF!                    | EXPENSES :                                         | #REF!                 | BILLING :                          |                    |                       |                |
| IOS Services Géoscientifiques inc.                                                                                                                                                                                                                                                |                   |                          |                                                    |                       |                                    |                    |                       |                |

|                                                                                                                                                                                                                                                                                                    |                   |                          |                                                    |                       |                                    |                    |                       |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------|----------------------------------------------------|-----------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                                                                                                                                                                                                                |                   | <b>Date :</b> 10-12-2021 |                                                    | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                                                                                                                                                                                                                                                                                    |                   |                          |                                                    | CLIENT : Ethos Gold   | RESP. : Gennady Ivanov             | SIGNATURE :        |                       |                |
|                                                                                                                                                                                                                                                                                                    |                   |                          |                                                    | DAILY CALL :          |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                                                                                                                                                                       |                   |                          |                                                    |                       |                                    |                    |                       |                |
| Channel sampling Arsene NW400 and Arsene NE. Stripping the Beluga showing. Mapping and prospecting at Beluga. Visit of Baleine Rouge to evaluate the feasibility of future trenching. Some of the equipment was brought back to Schefferville given the smaller flight window and adverse weather. |                   |                          |                                                    |                       |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                                                                                                                                                                                                                     |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                                                                                                                                                                    |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                                                                                                                                                                    | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b>                           | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                                                                                                                                                                  | Gennady Ivanov    | IOS                      | Senior geologist; Mapping                          | Schefferville         | 11.5                               |                    |                       |                |
| 2                                                                                                                                                                                                                                                                                                  | Adrien Boucher    | IOS                      | Geologist in training; Trench mapping and sampling | Schefferville         | 11.5                               |                    |                       |                |
| 3                                                                                                                                                                                                                                                                                                  | Kevin Maltais     | IOS                      | Excavator operator                                 | Schefferville         | 11.5                               |                    |                       |                |
| 4                                                                                                                                                                                                                                                                                                  | Charles Painchaud | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 5                                                                                                                                                                                                                                                                                                  | Lars Bennedsen    | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 6                                                                                                                                                                                                                                                                                                  |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 7                                                                                                                                                                                                                                                                                                  |                   | Can. Helic.              | Helicopter pilot                                   | Schefferville         |                                    |                    |                       |                |
| 8                                                                                                                                                                                                                                                                                                  |                   | Can. Helic.              | Mechanic                                           | Schefferville         |                                    |                    |                       |                |
| 9                                                                                                                                                                                                                                                                                                  |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 10                                                                                                                                                                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 11                                                                                                                                                                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 12                                                                                                                                                                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 13                                                                                                                                                                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 14                                                                                                                                                                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 15                                                                                                                                                                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                                                                                                                                                                    |                   |                          |                                                    | TOTAL NUMBER ON CAMP  | 7                                  |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                                                                                                                                                                  |                   |                          |                                                    | MECHANICAL PROBLEM :  |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 4                                                                                                                                                                                                                                                                          |                   |                          |                                                    | ACCIDENT :            |                                    |                    |                       |                |
| TRUCK TRIP :                                                                                                                                                                                                                                                                                       |                   |                          |                                                    | TIMEOUT :             |                                    |                    |                       |                |
| SAMPLES Rock: 8 Till:                                                                                                                                                                                                                                                                              |                   |                          |                                                    | IMPROVEMENT TO DO :   |                                    |                    |                       |                |
| PURCHASE :                                                                                                                                                                                                                                                                                         |                   |                          |                                                    |                       |                                    |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                                                                                                                                                                |                   |                          |                                                    |                       |                                    |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                                                                                                                                                                               |                   |                          |                                                    | DISCIPLINARY ADVISE : |                                    |                    |                       |                |
| DRILLING From: To:                                                                                                                                                                                                                                                                                 |                   |                          |                                                    | VERIFICATION :        |                                    |                    |                       |                |
| LEFTOVER BUDGET :                                                                                                                                                                                                                                                                                  |                   | #REF!                    | EXPENSES :                                         | #REF!                 | BILLING :                          |                    |                       |                |
| IOS Services Géoscientifiques inc.                                                                                                                                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |

|                                                               |                   |                          |                          |                       |                                    |                                    |                       |                |
|---------------------------------------------------------------|-------------------|--------------------------|--------------------------|-----------------------|------------------------------------|------------------------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                           |                   | <b>Date :</b> 10-13-2021 |                          | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :                          |                       |                |
|                                                               |                   |                          |                          | CLIENT : Ethos Gold   | RESP. : Gennady Ivanov             | SIGNATURE :                        |                       |                |
|                                                               |                   |                          |                          | DAILY CALL :          |                                    |                                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                  |                   |                          |                          |                       |                                    |                                    |                       |                |
| Rain Day.                                                     |                   |                          |                          |                       |                                    |                                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                |                   |                          |                          |                       |                                    |                                    |                       |                |
|                                                               |                   |                          |                          |                       |                                    |                                    |                       |                |
|                                                               | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b> | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b>                 | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                             | Gennady Ivanov    | IOS                      | Senior Geologist         | Schefferville         | 8                                  |                                    |                       |                |
| 2                                                             | Adrien Boucher    | IOS                      | Geologist in training    | Schefferville         | 8                                  |                                    |                       |                |
| 3                                                             | Kevin Maltais     | IOS                      | Excavator operator       | Schefferville         | 8                                  |                                    |                       |                |
| 4                                                             | Charles Painchaud | IOS                      | Field assistant          | Schefferville         | 8                                  |                                    |                       |                |
| 5                                                             | Lars Bennedsen    | IOS                      | Field assistant          | Schefferville         | 8                                  |                                    |                       |                |
| 6                                                             |                   |                          |                          |                       |                                    |                                    |                       |                |
| 7                                                             |                   | Can. Helic.              | Helicopter pilot         | Schefferville         |                                    |                                    |                       |                |
| 8                                                             |                   | Can. Helic.              | Mechanic                 | Schefferville         |                                    |                                    |                       |                |
| 9                                                             |                   |                          |                          |                       |                                    |                                    |                       |                |
| 10                                                            |                   |                          |                          |                       |                                    |                                    |                       |                |
| 11                                                            |                   |                          |                          |                       |                                    |                                    |                       |                |
| 12                                                            |                   |                          |                          |                       |                                    |                                    |                       |                |
| 13                                                            |                   |                          |                          |                       |                                    |                                    |                       |                |
| 14                                                            |                   |                          |                          |                       |                                    |                                    |                       |                |
| 15                                                            |                   |                          |                          |                       |                                    |                                    |                       |                |
|                                                               |                   |                          |                          | TOTAL NUMBER ON CAMP  | 7                                  |                                    |                       |                |
| SEAPLANE FLIGHT :                                             |                   |                          |                          | MECHANICAL PROBLEM :  |                                    |                                    |                       |                |
| HELICOPTER FLIGHT (hr):                                       |                   |                          |                          | ACCIDENT :            |                                    |                                    |                       |                |
| TRUCK TRIP :                                                  |                   |                          |                          | TIMEOUT :             |                                    |                                    |                       |                |
| SAMPLES                      Rock:                      Till: |                   |                          |                          | IMPROVEMENT TO DO :   |                                    |                                    |                       |                |
| PURCHASE :                                                    |                   |                          |                          |                       |                                    |                                    |                       |                |
| MOBILIZATION (hr) :                                           |                   |                          |                          |                       |                                    |                                    |                       |                |
| DEMOBILIZATION (hr):                                          |                   |                          |                          | DISCIPLINARY ADVISE : |                                    |                                    |                       |                |
| DRILLING    From:                      To:                    |                   |                          |                          | VERIFICATION :        |                                    | IOS Services Géoscientifiques inc. |                       |                |
| LEFTOVER BUDGET :                                             |                   | #REF!                    | EXPENSES :               | #REF!                 | BILLING :                          |                                    |                       |                |

|                                    |                   |                          |                          |                       |                                    |                    |                       |                |
|------------------------------------|-------------------|--------------------------|--------------------------|-----------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                |                   | <b>Date :</b> 10-14-2021 |                          | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                    |                   |                          |                          | CLIENT : Ethos Gold   | RESP. : Gennady Ivanov             | SIGNATURE :        |                       |                |
|                                    |                   |                          |                          | DAILY CALL :          |                                    |                    |                       |                |
| COMMENTS ABOUT WORK :              |                   |                          |                          |                       |                                    |                    |                       |                |
| Rain Day                           |                   |                          |                          |                       |                                    |                    |                       |                |
| COMMENTS ABOUT GEOLOGY:            |                   |                          |                          |                       |                                    |                    |                       |                |
|                                    |                   |                          |                          |                       |                                    |                    |                       |                |
|                                    | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b> | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                  | Gennady Ivanov    | IOS                      | Senior Geologist         | Schefferville         | 8                                  |                    |                       |                |
| 2                                  | Adrien Boucher    | IOS                      | Geologist in training    | Schefferville         | 8                                  |                    |                       |                |
| 3                                  | Kevin Maltais     | IOS                      | Excavator operator       | Schefferville         | 8                                  |                    |                       |                |
| 4                                  | Charles Painchaud | IOS                      | Field assistant          | Schefferville         | 8                                  |                    |                       |                |
| 5                                  | Lars Bennedsen    | IOS                      | Field assistant          | Schefferville         | 8                                  |                    |                       |                |
| 6                                  |                   |                          |                          |                       |                                    |                    |                       |                |
| 7                                  |                   | Can. Helic.              | Helicopter pilot         | Schefferville         |                                    |                    |                       |                |
| 8                                  |                   | Can. Helic.              | Mechanic                 | Schefferville         |                                    |                    |                       |                |
| 9                                  |                   |                          |                          |                       |                                    |                    |                       |                |
| 10                                 |                   |                          |                          |                       |                                    |                    |                       |                |
| 11                                 |                   |                          |                          |                       |                                    |                    |                       |                |
| 12                                 |                   |                          |                          |                       |                                    |                    |                       |                |
| 13                                 |                   |                          |                          |                       |                                    |                    |                       |                |
| 14                                 |                   |                          |                          |                       |                                    |                    |                       |                |
| 15                                 |                   |                          |                          |                       |                                    |                    |                       |                |
|                                    |                   |                          |                          | TOTAL NUMBER ON CAMP  | 7                                  |                    |                       |                |
| SEAPLANE FLIGHT :                  |                   |                          |                          | MECHANICAL PROBLEM :  |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 2          |                   |                          |                          | ACCIDENT :            |                                    |                    |                       |                |
| TRUCK TRIP :                       |                   |                          |                          | TIMEOUT :             |                                    |                    |                       |                |
| SAMPLES Rock: Till:                |                   |                          |                          | IMPROVEMENT TO DO :   |                                    |                    |                       |                |
| PURCHASE :                         |                   |                          |                          |                       |                                    |                    |                       |                |
| MOBILIZATION (hr) :                |                   |                          |                          |                       |                                    |                    |                       |                |
| DEMOBILIZATION (hr):               |                   |                          |                          | DISCIPLINARY ADVISE : |                                    |                    |                       |                |
| DRILLING From: To:                 |                   |                          |                          | VERIFICATION :        |                                    |                    |                       |                |
| LEFTOVER BUDGET : #REF!            |                   |                          |                          | EXPENSES : #REF!      |                                    | BILLING :          |                       |                |
| IOS Services Géoscientifiques inc. |                   |                          |                          |                       |                                    |                    |                       |                |

|                                                                                                                                                    |                   |                          |                                                    |                       |                                    |                    |                       |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------|----------------------------------------------------|-----------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                                                                |                   | <b>Date :</b> 10-15-2021 |                                                    | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                                                                                                                                    |                   |                          |                                                    | CLIENT : Ethos Gold   | RESP. : Gennady Ivanov             | SIGNATURE :        |                       |                |
|                                                                                                                                                    |                   |                          |                                                    | DAILY CALL :          |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                                                       |                   |                          |                                                    |                       |                                    |                    |                       |                |
| Sampling of trench Arsene NW400, sampling of trench NE, stripping at Beluga and channel sampling at Arsene Main. Moving gear out to Schefferville. |                   |                          |                                                    |                       |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                                                                     |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                    |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                    | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b>                           | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                                                  | Gennady Ivanov    | IOS                      | Senior geologist; Mapping                          | Schefferville         | 11.5                               |                    |                       |                |
| 2                                                                                                                                                  | Adrien Boucher    | IOS                      | Geologist in training; Trench mapping and sampling | Schefferville         | 11.5                               |                    |                       |                |
| 3                                                                                                                                                  | Kevin Maltais     | IOS                      | Excavator operator                                 | Schefferville         | 11.5                               |                    |                       |                |
| 4                                                                                                                                                  | Charles Painchaud | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 5                                                                                                                                                  | Lars Bennedsen    | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 6                                                                                                                                                  |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 7                                                                                                                                                  |                   | Can. Helic.              | Helicopter pilot                                   | Schefferville         |                                    |                    |                       |                |
| 8                                                                                                                                                  |                   | Can. Helic.              | Mechanic                                           | Schefferville         |                                    |                    |                       |                |
| 9                                                                                                                                                  |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 10                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 11                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 12                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 13                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 14                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 15                                                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                                                    |                   |                          |                                                    | TOTAL NUMBER ON CAMP  | 7                                  |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                                                  |                   |                          |                                                    | MECHANICAL PROBLEM :  |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 5                                                                                                                          |                   |                          |                                                    | ACCIDENT :            |                                    |                    |                       |                |
| TRUCK TRIP :                                                                                                                                       |                   |                          |                                                    | TIMEOUT :             |                                    |                    |                       |                |
| SAMPLES Rock: 17 Till:                                                                                                                             |                   |                          |                                                    | IMPROVEMENT TO DO :   |                                    |                    |                       |                |
| PURCHASE :                                                                                                                                         |                   |                          |                                                    |                       |                                    |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                                                |                   |                          |                                                    |                       |                                    |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                                               |                   |                          |                                                    | DISCIPLINARY ADVISE : |                                    |                    |                       |                |
| DRILLING From: To:                                                                                                                                 |                   |                          |                                                    | VERIFICATION :        |                                    |                    |                       |                |
| LEFTOVER BUDGET : #REF!                                                                                                                            |                   |                          |                                                    | EXPENSES : #REF!      |                                    | BILLING :          |                       |                |
| IOS Services Géoscientifiques inc.                                                                                                                 |                   |                          |                                                    |                       |                                    |                    |                       |                |

|                                                                                                                        |                   |                          |                                                    |                       |                                    |                    |                       |                |
|------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------|----------------------------------------------------|-----------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                                    |                   | <b>Date :</b> 10-16-2021 |                                                    | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                                                                                                        |                   |                          |                                                    | CLIENT : Ethos Gold   | RESP. : Gennady Ivanov             | SIGNATURE :        |                       |                |
|                                                                                                                        |                   |                          |                                                    | DAILY CALL :          |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                           |                   |                          |                                                    |                       |                                    |                    |                       |                |
| Stripping at Beluga and channel sampling at Arsene Main. Channel sampling at Beluga. Moving gear out to Schefferville. |                   |                          |                                                    |                       |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                                         |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                        |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                        | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b>                           | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                      | Gennady Ivanov    | IOS                      | Senior geologist; Mapping                          | Schefferville         | 11.5                               |                    |                       |                |
| 2                                                                                                                      | Adrien Boucher    | IOS                      | Geologist in training; Trench mapping and sampling | Schefferville         | 11.5                               |                    |                       |                |
| 3                                                                                                                      | Kevin Maltais     | IOS                      | Excavator operator                                 | Schefferville         | 11.5                               |                    |                       |                |
| 4                                                                                                                      | Charles Painchaud | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 5                                                                                                                      | Lars Bennedsen    | IOS                      | Field assistant; Channel sampling                  | Schefferville         | 11.5                               |                    |                       |                |
| 6                                                                                                                      |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 7                                                                                                                      |                   | Can. Helic.              | Helicopter pilot                                   | Schefferville         |                                    |                    |                       |                |
| 8                                                                                                                      |                   | Can. Helic.              | Mechanic                                           | Schefferville         |                                    |                    |                       |                |
| 9                                                                                                                      |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 10                                                                                                                     |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 11                                                                                                                     |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 12                                                                                                                     |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 13                                                                                                                     |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 14                                                                                                                     |                   |                          |                                                    |                       |                                    |                    |                       |                |
| 15                                                                                                                     |                   |                          |                                                    |                       |                                    |                    |                       |                |
|                                                                                                                        |                   |                          |                                                    | TOTAL NUMBER ON CAMP  | 7                                  |                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                      |                   |                          |                                                    | MECHANICAL PROBLEM :  |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 4                                                                                              |                   |                          |                                                    | ACCIDENT :            |                                    |                    |                       |                |
| TRUCK TRIP :                                                                                                           |                   |                          |                                                    | TIMEOUT :             |                                    |                    |                       |                |
| SAMPLES Rock: Till:                                                                                                    |                   |                          |                                                    | IMPROVEMENT TO DO :   |                                    |                    |                       |                |
| PURCHASE :                                                                                                             |                   |                          |                                                    |                       |                                    |                    |                       |                |
| MOBILIZATION (hr) :                                                                                                    |                   |                          |                                                    |                       |                                    |                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                   |                   |                          |                                                    | DISCIPLINARY ADVISE : |                                    |                    |                       |                |
| DRILLING From: To:                                                                                                     |                   |                          |                                                    | VERIFICATION :        |                                    |                    |                       |                |
| LEFTOVER BUDGET : #REF!                                                                                                |                   |                          |                                                    | EXPENSES : #REF!      |                                    | BILLING :          |                       |                |
| IOS Services Géoscientifiques inc.                                                                                     |                   |                          |                                                    |                       |                                    |                    |                       |                |

|                                                               |                   |                          |                          |                                      |                                    |                    |                       |                |
|---------------------------------------------------------------|-------------------|--------------------------|--------------------------|--------------------------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                           |                   | <b>Date :</b> 10-17-2021 |                          | PROJECT : 1426                       | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                                               |                   |                          |                          | CLIENT : Ethos Gold                  | RESP. : Gennady Ivanov             | SIGNATURE :        |                       |                |
|                                                               |                   |                          |                          | DAILY CALL :                         |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                  |                   |                          |                          |                                      |                                    |                    |                       |                |
| Rain day                                                      |                   |                          |                          |                                      |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                |                   |                          |                          |                                      |                                    |                    |                       |                |
|                                                               |                   |                          |                          |                                      |                                    |                    |                       |                |
|                                                               | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b> | <b>Overnight</b>                     | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                             | Gennady Ivanov    | IOS                      | Senior Geologist         | Schefferville                        | 8                                  |                    |                       |                |
| 2                                                             | Adrien Boucher    | IOS                      | Geologist in training    | Schefferville                        | 8                                  |                    |                       |                |
| 3                                                             | Kevin Maltais     | IOS                      | Excavator operator       | Schefferville                        | 8                                  |                    |                       |                |
| 4                                                             | Charles Painchaud | IOS                      | Field assistant          | Schefferville                        | 8                                  |                    |                       |                |
| 5                                                             | Lars Bennedsen    | IOS                      | Field assistant          | Schefferville                        | 8                                  |                    |                       |                |
| 6                                                             |                   |                          |                          |                                      |                                    |                    |                       |                |
| 7                                                             |                   | Can. Helic.              | Helicopter pilot         | Schefferville                        |                                    |                    |                       |                |
| 8                                                             |                   | Can. Helic.              | Mechanic                 | Schefferville                        |                                    |                    |                       |                |
| 9                                                             |                   |                          |                          |                                      |                                    |                    |                       |                |
| 10                                                            |                   |                          |                          |                                      |                                    |                    |                       |                |
| 11                                                            |                   |                          |                          |                                      |                                    |                    |                       |                |
| 12                                                            |                   |                          |                          |                                      |                                    |                    |                       |                |
| 13                                                            |                   |                          |                          |                                      |                                    |                    |                       |                |
| 14                                                            |                   |                          |                          |                                      |                                    |                    |                       |                |
| 15                                                            |                   |                          |                          |                                      |                                    |                    |                       |                |
|                                                               |                   |                          |                          | TOTAL NUMBER ON CAMP                 | 7                                  |                    |                       |                |
| SEAPLANE FLIGHT :                                             |                   |                          |                          | MECHANICAL PROBLEM :                 |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr):                                       |                   |                          |                          | ACCIDENT :                           |                                    |                    |                       |                |
| TRUCK TRIP :                                                  |                   |                          |                          | TIMEOUT :                            |                                    |                    |                       |                |
| SAMPLES                      Rock:                      Till: |                   |                          |                          | IMPROVEMENT TO DO :                  |                                    |                    |                       |                |
| PURCHASE :                                                    |                   |                          |                          |                                      |                                    |                    |                       |                |
| MOBILIZATION (hr) :                                           |                   |                          |                          |                                      |                                    |                    |                       |                |
| DEMOBILIZATION (hr):                                          |                   |                          |                          | DISCIPLINARY ADVISE :                |                                    |                    |                       |                |
| DRILLING    From:                      To:                    |                   |                          |                          | VERIFICATION :                       |                                    |                    |                       |                |
| LEFTOVER BUDGET :                      #REF!                  |                   |                          |                          | BILLING :                      #REF! |                                    |                    |                       |                |
| IOS Services Géoscientifiques inc.                            |                   |                          |                          |                                      |                                    |                    |                       |                |



|                                                                                                                        |                   |                          |                                       |                       |                                    |                                    |                       |                |
|------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------|---------------------------------------|-----------------------|------------------------------------|------------------------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                                                                                    |                   | <b>Date :</b> 10-18-2021 |                                       | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :                          |                       |                |
|                                                                                                                        |                   |                          |                                       | CLIENT : Ethos Gold   | RESP. : Gennady Ivanov             | SIGNATURE :                        |                       |                |
|                                                                                                                        |                   |                          |                                       | DAILY CALL :          |                                    |                                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                                                                           |                   |                          |                                       |                       |                                    |                                    |                       |                |
| Demobilization of part of the crew. Two members will stay to finish the excavator mobilization when weather allows it. |                   |                          |                                       |                       |                                    |                                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                                                                         |                   |                          |                                       |                       |                                    |                                    |                       |                |
|                                                                                                                        |                   |                          |                                       |                       |                                    |                                    |                       |                |
|                                                                                                                        | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b>              | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b>                 | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                                                                                      | Gennady Ivanov    | IOS                      | Senior geologist; demobilisation      |                       | 8                                  |                                    |                       |                |
| 2                                                                                                                      | Adrien Boucher    | IOS                      | Geologist in training; demobilisation |                       | 8                                  |                                    |                       |                |
| 3                                                                                                                      | Kevin Maltais     | IOS                      | Excavator operator                    | Schefferville         | 8                                  |                                    |                       |                |
| 4                                                                                                                      | Charles Painchaud | IOS                      | Field assistant                       | Schefferville         | 8                                  |                                    |                       |                |
| 5                                                                                                                      | Lars Bennedsen    | IOS                      | Field assistant; demobilisation       |                       | 8                                  |                                    |                       |                |
| 6                                                                                                                      |                   |                          |                                       |                       |                                    |                                    |                       |                |
| 7                                                                                                                      |                   | Can. Helic.              | Helicopter pilot                      | Schefferville         |                                    |                                    |                       |                |
| 8                                                                                                                      |                   | Can. Helic.              | Mechanic                              | Schefferville         |                                    |                                    |                       |                |
| 9                                                                                                                      |                   |                          |                                       |                       |                                    |                                    |                       |                |
| 10                                                                                                                     |                   |                          |                                       |                       |                                    |                                    |                       |                |
| 11                                                                                                                     |                   |                          |                                       |                       |                                    |                                    |                       |                |
| 12                                                                                                                     |                   |                          |                                       |                       |                                    |                                    |                       |                |
| 13                                                                                                                     |                   |                          |                                       |                       |                                    |                                    |                       |                |
| 14                                                                                                                     |                   |                          |                                       |                       |                                    |                                    |                       |                |
| 15                                                                                                                     |                   |                          |                                       |                       |                                    |                                    |                       |                |
|                                                                                                                        |                   |                          |                                       | TOTAL NUMBER ON CAMP  | 4                                  |                                    |                       |                |
| SEAPLANE FLIGHT :                                                                                                      |                   |                          |                                       | MECHANICAL PROBLEM :  |                                    |                                    |                       |                |
| HELICOPTER FLIGHT (hr):                                                                                                |                   |                          |                                       | ACCIDENT :            |                                    |                                    |                       |                |
| TRUCK TRIP :                                                                                                           |                   |                          |                                       | TIMEOUT :             |                                    |                                    |                       |                |
| SAMPLES                      Rock:                      Till:                                                          |                   |                          |                                       | IMPROVEMENT TO DO :   |                                    |                                    |                       |                |
| PURCHASE :                                                                                                             |                   |                          |                                       |                       |                                    |                                    |                       |                |
| MOBILIZATION (hr) :                                                                                                    |                   |                          |                                       |                       |                                    |                                    |                       |                |
| DEMOBILIZATION (hr):                                                                                                   |                   |                          |                                       | DISCIPLINARY ADVISE : |                                    |                                    |                       |                |
| DRILLING    From:                      To:                                                                             |                   |                          |                                       | VERIFICATION :        |                                    | IOS Services Géoscientifiques inc. |                       |                |
| LEFTOVER BUDGET :                                                                                                      |                   | #REF!                    | EXPENSES :                            | #REF!                 | BILLING :                          |                                    |                       |                |

|                                    |                   |                          |                          |                       |                                    |                    |                       |                |
|------------------------------------|-------------------|--------------------------|--------------------------|-----------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                |                   | <b>Date :</b> 10-19-2021 |                          | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                    |                   |                          |                          | CLIENT : Ethos Gold   | RESP. : Hugues Longuépée           | SIGNATURE :        |                       |                |
|                                    |                   |                          |                          | DAILY CALL :          |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>       |                   |                          |                          |                       |                                    |                    |                       |                |
| No work                            |                   |                          |                          |                       |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>     |                   |                          |                          |                       |                                    |                    |                       |                |
|                                    |                   |                          |                          |                       |                                    |                    |                       |                |
|                                    | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b> | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                  | Kevin Maltais     | IOS                      | Excavator operator       | Schefferville         | 8                                  |                    |                       |                |
| 2                                  | Charles Painchaud | IOS                      | Field assistant          | Schefferville         | 8                                  |                    |                       |                |
| 3                                  |                   |                          |                          |                       |                                    |                    |                       |                |
| 4                                  |                   | Can. Helic.              | Helicopter pilot         | Schefferville         |                                    |                    |                       |                |
| 5                                  |                   | Can. Helic.              | Mechanic                 | Schefferville         |                                    |                    |                       |                |
| 6                                  |                   |                          |                          |                       |                                    |                    |                       |                |
| 7                                  |                   |                          |                          |                       |                                    |                    |                       |                |
| 8                                  |                   |                          |                          |                       |                                    |                    |                       |                |
| 9                                  |                   |                          |                          |                       |                                    |                    |                       |                |
| 10                                 |                   |                          |                          |                       |                                    |                    |                       |                |
| 11                                 |                   |                          |                          |                       |                                    |                    |                       |                |
| 12                                 |                   |                          |                          |                       |                                    |                    |                       |                |
| 13                                 |                   |                          |                          |                       |                                    |                    |                       |                |
| 14                                 |                   |                          |                          |                       |                                    |                    |                       |                |
| 15                                 |                   |                          |                          |                       |                                    |                    |                       |                |
|                                    |                   |                          |                          | TOTAL NUMBER ON CAMP  | 4                                  |                    |                       |                |
| SEAPLANE FLIGHT :                  |                   |                          |                          | MECHANICAL PROBLEM :  |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 3          |                   |                          |                          | ACCIDENT :            |                                    |                    |                       |                |
| TRUCK TRIP :                       |                   |                          |                          | TIMEOUT :             |                                    |                    |                       |                |
| SAMPLES Rock: Till:                |                   |                          |                          | IMPROVEMENT TO DO :   |                                    |                    |                       |                |
| PURCHASE :                         |                   |                          |                          |                       |                                    |                    |                       |                |
| MOBILIZATION (hr) :                |                   |                          |                          |                       |                                    |                    |                       |                |
| DEMOBILIZATION (hr):               |                   |                          |                          | DISCIPLINARY ADVISE : |                                    |                    |                       |                |
| DRILLING From: To:                 |                   |                          |                          | VERIFICATION :        |                                    |                    |                       |                |
| LEFTOVER BUDGET :                  |                   | #REF!                    | EXPENSES :               | #REF!                 | BILLING :                          |                    |                       |                |
| IOS Services Géoscientifiques inc. |                   |                          |                          |                       |                                    |                    |                       |                |

|                                                               |                   |                          |                          |                       |                                    |                                    |                       |                |
|---------------------------------------------------------------|-------------------|--------------------------|--------------------------|-----------------------|------------------------------------|------------------------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                                           |                   | <b>Date :</b> 10-20-2021 |                          | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :                          |                       |                |
|                                                               |                   |                          |                          | CLIENT : Ethos Gold   | RESP. : Hugues Longuépée           | SIGNATURE :                        |                       |                |
|                                                               |                   |                          |                          | DAILY CALL :          |                                    |                                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>                                  |                   |                          |                          |                       |                                    |                                    |                       |                |
| No Work                                                       |                   |                          |                          |                       |                                    |                                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>                                |                   |                          |                          |                       |                                    |                                    |                       |                |
|                                                               |                   |                          |                          |                       |                                    |                                    |                       |                |
|                                                               | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b> | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b>                 | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                                             | Kevin Maltais     | IOS                      | Excavator operator       | Schefferville         | 8                                  |                                    |                       |                |
| 2                                                             | Charles Painchaud | IOS                      | Field assistant          | Schefferville         | 8                                  |                                    |                       |                |
| 3                                                             |                   |                          |                          |                       |                                    |                                    |                       |                |
| 4                                                             |                   | Can. Helic.              | Helicopter pilot         | Schefferville         |                                    |                                    |                       |                |
| 5                                                             |                   | Can. Helic.              | Mechanic                 | Schefferville         |                                    |                                    |                       |                |
| 6                                                             |                   |                          |                          |                       |                                    |                                    |                       |                |
| 7                                                             |                   |                          |                          |                       |                                    |                                    |                       |                |
| 8                                                             |                   |                          |                          |                       |                                    |                                    |                       |                |
| 9                                                             |                   |                          |                          |                       |                                    |                                    |                       |                |
| 10                                                            |                   |                          |                          |                       |                                    |                                    |                       |                |
| 11                                                            |                   |                          |                          |                       |                                    |                                    |                       |                |
| 12                                                            |                   |                          |                          |                       |                                    |                                    |                       |                |
| 13                                                            |                   |                          |                          |                       |                                    |                                    |                       |                |
| 14                                                            |                   |                          |                          |                       |                                    |                                    |                       |                |
| 15                                                            |                   |                          |                          |                       |                                    |                                    |                       |                |
|                                                               |                   |                          |                          | TOTAL NUMBER ON CAMP  | 4                                  |                                    |                       |                |
| SEAPLANE FLIGHT :                                             |                   |                          |                          | MECHANICAL PROBLEM :  |                                    |                                    |                       |                |
| HELICOPTER FLIGHT (hr):                                       |                   |                          |                          | ACCIDENT :            |                                    |                                    |                       |                |
| TRUCK TRIP :                                                  |                   |                          |                          | TIMEOUT :             |                                    |                                    |                       |                |
| SAMPLES                      Rock:                      Till: |                   |                          |                          | IMPROVEMENT TO DO :   |                                    |                                    |                       |                |
| PURCHASE :                                                    |                   |                          |                          |                       |                                    |                                    |                       |                |
| MOBILIZATION (hr) :                                           |                   |                          |                          |                       |                                    |                                    |                       |                |
| DEMOBILIZATION (hr):                                          |                   |                          |                          | DISCIPLINARY ADVISE : |                                    |                                    |                       |                |
| DRILLING    From:                      To:                    |                   |                          |                          | VERIFICATION :        |                                    | IOS Services Géoscientifiques inc. |                       |                |
| LEFTOVER BUDGET :                                             |                   | #REF!                    | EXPENSES :               | #REF!                 | BILLING :                          |                                    |                       |                |

|                                     |                   |                          |                                  |                       |                                    |                    |                       |                |
|-------------------------------------|-------------------|--------------------------|----------------------------------|-----------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                 |                   | <b>Date :</b> 10-21-2021 |                                  | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                     |                   |                          |                                  | CLIENT : Ethos Gold   | RESP. : Hugues Longu  p  e         | SIGNATURE :        |                       |                |
|                                     |                   |                          |                                  | DAILY CALL :          |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>        |                   |                          |                                  |                       |                                    |                    |                       |                |
| Gear taken out of Schefferville.    |                   |                          |                                  |                       |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>      |                   |                          |                                  |                       |                                    |                    |                       |                |
|                                     |                   |                          |                                  |                       |                                    |                    |                       |                |
|                                     | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b>         | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                   | Kevin Maltais     | IOS                      | Excavator operator; logistics    | Schefferville         | 11.5                               |                    |                       |                |
| 2                                   | Charles Painchaud | IOS                      | Field assistant; logistics       | Schefferville         | 11.5                               |                    |                       |                |
| 3                                   |                   |                          |                                  |                       |                                    |                    |                       |                |
| 4                                   |                   | Can. Helic.              | Helicopter pilot; demobilisation |                       |                                    |                    |                       |                |
| 5                                   |                   | Can. Helic.              | Mechanic; demobilisation         |                       |                                    |                    |                       |                |
| 6                                   |                   |                          |                                  |                       |                                    |                    |                       |                |
| 7                                   |                   |                          |                                  |                       |                                    |                    |                       |                |
| 8                                   |                   |                          |                                  |                       |                                    |                    |                       |                |
| 9                                   |                   |                          |                                  |                       |                                    |                    |                       |                |
| 10                                  |                   |                          |                                  |                       |                                    |                    |                       |                |
| 11                                  |                   |                          |                                  |                       |                                    |                    |                       |                |
| 12                                  |                   |                          |                                  |                       |                                    |                    |                       |                |
| 13                                  |                   |                          |                                  |                       |                                    |                    |                       |                |
| 14                                  |                   |                          |                                  |                       |                                    |                    |                       |                |
| 15                                  |                   |                          |                                  |                       |                                    |                    |                       |                |
|                                     |                   |                          |                                  | TOTAL NUMBER ON CAMP  | 2                                  |                    |                       |                |
| SEAPLANE FLIGHT :                   |                   |                          |                                  | MECHANICAL PROBLEM :  |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 4           |                   |                          |                                  | ACCIDENT :            |                                    |                    |                       |                |
| TRUCK TRIP :                        |                   |                          |                                  | TIMEOUT :             |                                    |                    |                       |                |
| SAMPLES Rock: Till:                 |                   |                          |                                  | IMPROVEMENT TO DO :   |                                    |                    |                       |                |
| PURCHASE :                          |                   |                          |                                  |                       |                                    |                    |                       |                |
| MOBILIZATION (hr) :                 |                   |                          |                                  |                       |                                    |                    |                       |                |
| DEMOBILIZATION (hr):                |                   |                          |                                  | DISCIPLINARY ADVISE : |                                    |                    |                       |                |
| DRILLING From: To:                  |                   |                          |                                  | VERIFICATION :        |                                    |                    |                       |                |
| LEFTOVER BUDGET : #REF!             |                   |                          |                                  | EXPENSES : #REF!      |                                    | BILLING :          |                       |                |
| IOS Services G  oscientifiques inc. |                   |                          |                                  |                       |                                    |                    |                       |                |

|                                    |                   |                          |                                    |                       |                                    |                    |                       |                |
|------------------------------------|-------------------|--------------------------|------------------------------------|-----------------------|------------------------------------|--------------------|-----------------------|----------------|
| <b>DAILY REPORT</b>                |                   | <b>Date :</b> 10-22-2021 |                                    | PROJECT : 1426        | CAMP : Schefferville (Guest House) | WEATHER :          |                       |                |
|                                    |                   |                          |                                    | CLIENT : Ethos Gold   | RESP. : Hugues Longuépée           | SIGNATURE :        |                       |                |
|                                    |                   |                          |                                    | DAILY CALL :          |                                    |                    |                       |                |
| <b>COMMENTS ABOUT WORK :</b>       |                   |                          |                                    |                       |                                    |                    |                       |                |
| Final demobilisation               |                   |                          |                                    |                       |                                    |                    |                       |                |
| <b>COMMENTS ABOUT GEOLOGY:</b>     |                   |                          |                                    |                       |                                    |                    |                       |                |
|                                    |                   |                          |                                    |                       |                                    |                    |                       |                |
|                                    | <b>Staff</b>      | <b>Group</b>             | <b>Title; Daily task</b>           | <b>Overnight</b>      | <b>Time</b>                        | <b>Out of Camp</b> | <b>Where (if out)</b> | <b>Facture</b> |
| 1                                  | Kevin Maltais     | IOS                      | Excavator operator; demobilisation |                       | 8                                  |                    |                       |                |
| 2                                  | Charles Painchaud | IOS                      | Field assistant; demobilisation    |                       | 8                                  |                    |                       |                |
| 3                                  |                   |                          |                                    |                       |                                    |                    |                       |                |
| 4                                  |                   |                          |                                    |                       |                                    |                    |                       |                |
| 5                                  |                   |                          |                                    |                       |                                    |                    |                       |                |
| 6                                  |                   |                          |                                    |                       |                                    |                    |                       |                |
| 7                                  |                   |                          |                                    |                       |                                    |                    |                       |                |
| 8                                  |                   |                          |                                    |                       |                                    |                    |                       |                |
| 9                                  |                   |                          |                                    |                       |                                    |                    |                       |                |
| 10                                 |                   |                          |                                    |                       |                                    |                    |                       |                |
| 11                                 |                   |                          |                                    |                       |                                    |                    |                       |                |
| 12                                 |                   |                          |                                    |                       |                                    |                    |                       |                |
| 13                                 |                   |                          |                                    |                       |                                    |                    |                       |                |
| 14                                 |                   |                          |                                    |                       |                                    |                    |                       |                |
| 15                                 |                   |                          |                                    |                       |                                    |                    |                       |                |
|                                    |                   |                          |                                    | TOTAL NUMBER ON CAMP  |                                    |                    |                       |                |
| SEAPLANE FLIGHT :                  |                   |                          |                                    | MECHANICAL PROBLEM :  |                                    |                    |                       |                |
| HELICOPTER FLIGHT (hr): 3          |                   |                          |                                    | ACCIDENT :            |                                    |                    |                       |                |
| TRUCK TRIP :                       |                   |                          |                                    | TIMEOUT :             |                                    |                    |                       |                |
| SAMPLES Rock: Till:                |                   |                          |                                    | IMPROVEMENT TO DO :   |                                    |                    |                       |                |
| PURCHASE :                         |                   |                          |                                    |                       |                                    |                    |                       |                |
| MOBILIZATION (hr) :                |                   |                          |                                    |                       |                                    |                    |                       |                |
| DEMOBILIZATION (hr):               |                   |                          |                                    | DISCIPLINARY ADVISE : |                                    |                    |                       |                |
| DRILLING From: To:                 |                   |                          |                                    | VERIFICATION :        |                                    |                    |                       |                |
| LEFTOVER BUDGET : #REF!            |                   |                          |                                    | EXPENSES : #REF!      |                                    | BILLING :          |                       |                |
| IOS Services Géoscientifiques inc. |                   |                          |                                    |                       |                                    |                    |                       |                |

## APPENDIX 2

### SAMPLES DESCRIPTION AND PROCESSING

|                                              |      |
|----------------------------------------------|------|
| Sample processing.....                       | p. 2 |
| Oxalic wash.....                             | p. 2 |
| Primary sieving.....                         | p. 2 |
| ARTGold™ small grains recovery .....         | p. 3 |
| Laboratory notes .....                       | p. 3 |
| Witness sample preparation.....              | p. 4 |
| Particle size analyzer .....                 | p. 4 |
| Quality control on processing.....           | p. 4 |
| ARTPhot quality control .....                | p. 5 |
| Particle size analyzer quality control ..... | p. 5 |

**Table 1:** Sample location and description

**Table 2a:** Till sample processing

**Table 2b:** Witness sample preparation and particle size analyzer

**Table 3:** Graphs for sample

**Table 4:** ARTPhot quality control

**Table 5a:** Quality control on particle size analyzer: F500 reference material

**Table 5b:** Quality control on particle size analyzer: G2MRI14 reference material

**Table 5c:** Graphs for reference material F500

**Table 5d:** Graphs for reference material G2MRI14

## SAMPLE PROCESSING

### Oxalic wash

As some of the samples were strongly oxidized, some were soaked in 0.3 M oxalic acid for 8 hours if necessary, in order to remove any ferruginous or carbonated coatings. The soaked sample is then neutralized with lime, pH measurements are taken and the oxalic liquor is treated in a disposal facility.

Oxalic acid is a mildly acidic and mildly reducing solution, required to clean the minerals. Sulphides washed with oxalic acid may show traces of corrosion. Carbonates, such as rhodocrosite, smithsonite, malachite or azurite may dissolve.

### Primary sieving

Upon receipt, an aliquot of approximately 300 g of the original material is extracted, dried, and sieved (*see section on witness sample preparation*).

Samples are sieved with a stack of standard screen on a Sweco Vibro-Energy Separator (Model LS18S5P3, **figure 28**) at 1 mm and 4 mm. Water is spray on a stack of standard 18" stainless steel and an outlet of the side of the device allows material less than 1 mm to go out in a decantation tank. Sand and silt ( $< 1000 \mu\text{m}$ ) are recovered by draining the tub and stored in pails pending processing on fluidized bed. The two fractions  $> 4$  mm and 1-4 mm are drained, weighed wet, dried, weighed dry and stored for one year, pending a decision to count pebbles (**appendix 2, table 2a**). Sieves are cleaned with a brass brush between each sample and retained grains individually poked with a needle. A wetting agent is added to the samples prior sieving.





**Figure 28:** Electric Sweco Vibro-Energy Separator (Model LS18S5P3).

### **ARTGold™ small grains recovery**

Concentration and extraction of gold grains is performed using a fluidized bed (exclusive ARTGold™ technology, *Advanced Recovery Technology Gold*). ARTGold™ microconcentrate process is described above in this report. The sandy material is manually fed into a basin at the entrance of the fluidized bed (**appendix 2, table 2a**). The tails are recovered at the outflow, weighed wet and stored for one year pending a decision for the concentration of heavy minerals.

In our experience, more than 80% of gold grains larger than 20 µm are extracted by the ARTGold™ process.

### **Laboratory notes**

Comments from laboratory assistant regarding processing issues are listed in **appendix 2, table 2a**. Abbreviations related to the procedure are as follows:

- T.H.: Wet sieving
- ART.: ARTGold™
- C.: Fluidized bed
- P.S.: Weight of dry fractions from wet sieving
- T.T.: Witness sieving
- A.G.: Particle size analyser

### Witness sample preparation

Witness samples collected at wet sieving are dried and sieved at 1 mm. An aliquot of < 1 mm material is used for particle size analysis. Sample preparation and particle size analyses are presented in **table 2b** of **appendix 2**. Fractions 1 mm and < 1 mm are stored in IOS facilities.

### Particle size analyzer

The size distribution of the material > 1 mm is calculated from the wet weight of coarse fractions recovered from wet sieving. The size distribution of the material < 1 mm is obtained from the < 1 mm dry sieved from witness samples using a particles size analyzer Fritsch Analysette 22 laser dispersion (**appendix 2, table 2b** and **table 3**). The analysis provides material proportions passing different sizes (2 µm, 4 µm, 20 µm, 38 µm, 45 µm, 63 µm, 75 µm, 90 µm, 125 µm, 150 µm, 250 µm, 500 µm and 1000 µm) and the particle size distribution graphs are provided (**appendix 2, table 3**). For each sample, three measurements are made from a single feed. If measures diverge, replicates are produced until three comparable results are obtained. Note that results from this type of measurement is slightly different than traditional sieving, assuming that the particles are spherical and non-agglomerated. During sieving, particles with high axes ratios tend to be retained preferentially in the sieve, creating a bias towards the coarse phases. The calculation algorithm used by the analyzer is based on Fraunhofer theory.

### QUALITY CONTROL ON PROCESSING

Processing quality control in 2 steps is introduced during sample preparation of this project.

- **Tagging:** A sample tag is inserted in the sample upon opening of the bags, and a photo is taken of the material with the laboratory tag, the sampling tags, photo that is pasted on the final certificate. The sample tag is transferred in <1 mm fraction at wet sieving before the process to the fluidized bed.
- **Mass balances:** The various fractions are weighted before and after every processing step, and mass balance tracked. This allows detection of sample inversion, material losses and gains. Tolerance to errors are indicated by the sum of weighting balance precision:

- +/- 3 kg at wet sieving. Large losses can be recorded due to clay elutriation, while gains are induced by interstitial water. No sample from this project experienced a loss exceeding the limits.

### ARTPhot QUALITY CONTROL

Although recoveries obtainable with the fluidized bed were thoroughly tested prior to its commercialization, individual recovery tests on very fine particles are difficult to conduct. Testing procedure is not fully robust, since grains may have been lost in the overflow of the fluidized bed, which would not be taken into account. Historical recoveries are tracked since the onset of the service, and hovers above 80% at 50 µm and 50% at 20 µm. In the course of the current project the quality control was conducted:

- The > 50 µm fraction submitted for visual examination has been re-examined systematically for every sample containing 3 or more gold grains, as well as on one every ten samples as part of the quality assurance program. Each new gold grain has been extracted, described, measured, photographed, classified according to Girard (2021) classification and mounted for SEM verification (**appendix 3**) as for regular ones.
- Second concentrate was made from 5 samples (9% of the project), mostly those with abundant gold grains. These were reprocessed in order to estimate recoveries (**appendix 2, table 4**). Two (2) gold grains < 50 µm were found compared to the 48 grains recovered in the first instance, for a recovery of 96%. One (1) gold grains of the fraction 50 to 1000 µm was found in visual observation compared to 6 grains recovered in the first instance, for a recovery of 86%.

### PARTICLE SIZE ANALYZER QUALITY CONTROL

An alignment of the particle size analyzer cell is performed at each start of the day and a measurement on a certified reference material F-500, supplied by Fritsch, or internal reference material G2MRI14 is taken. A measurement of F-500 material or an internal reference material G2MRI14 is performed about every 20 samples during a project to detect any instrumental drift (**appendix 2, tables 5a and 5b**). The tolerances are shown in the header of **appendix 2, tables 5a and 5b**. The reference material graph for the particle size analysis was presented in **appendix 2, tables 5c and 5d**.

| Sample number | Overburden type               | UTMX NAD83 Zone 18 | UTMY NAD83 Zone 18 | NTS sheet | Claim   | Claim holder     | Altitude (m) | Target        | Sampler  | GSF DATE             | Survey type        | Access     | Sampling method | Sampling type | Weight (kg) | LFH thickness (cm) | LFH (%) |
|---------------|-------------------------------|--------------------|--------------------|-----------|---------|------------------|--------------|---------------|----------|----------------------|--------------------|------------|-----------------|---------------|-------------|--------------------|---------|
| 142620001     | Lodgment and or Melt-out Till | 566373             | 6123462            | 23005     | 2556735 | Trent Potts      | 541.5        | Arsène ouest  | RG-JT-FL | 2021-06-21T15:18:38Z | Orientation survey | Helicopter | Hand shovel     | Hole          | 12          | 3                  | 0       |
| 142620002     | Melt-out Till                 | 566575             | 6123165            | 23005     | 2556735 | Trent Potts      | 526.5        | Arsène est    | RG-JT-FL | 2021-06-21T16:35:11Z | Orientation survey | Helicopter | Hand shovel     | Hole          | 12.5        | 5                  | 0       |
| 142620003     | Melt-out Till                 | 566429             | 6121070            | 23004     | 2561977 | Trent Potts      | 554.3        | baleine rouge | RG-JT-JB | 2021-06-23T15:18:34Z | Orientation survey | Helicopter | Hand shovel     | Hole          | 13          | 2                  | 0       |
| 142620004     | Melt-out Till                 | 580359             | 6114879            | 23004     | 2573418 | Ethos Gold Corp. | 524          | 22            | RG-FL-JT | 2021-06-24T11:10:33Z | Regional           | Helicopter | Hand shovel     | Hole          | 0           | 2                  | 0       |
| 142620005     | Reworked Till                 | 580907             | 6113798            | 23004     | 2573413 | Ethos Gold Corp. | 602.5        | Target 23     | GI       | 2021-06-24T11:26:10Z | Regional           | Helicopter | Hand shovel     | Hole          | 15          | 4                  | 0       |
| 142620006     | Melt-out Till                 | 581122             | 6113672            | 23004     | 2573413 | Ethos Gold Corp. | 603.9        |               | GI-JB    | 2021-06-24T12:16:48Z | Regional           | Helicopter | Hand shovel     | Hole          | 15          | 6                  | 0       |
| 142620007     | Melt-out Till                 | 567246             | 6122251            | 23004     | 2556733 | Trent Potts      | 530.7        | beluga        | RG-JB-FL | 2021-06-25T11:14:55Z | Regional           | Helicopter | Hand shovel     | Hole          | 17          | 10                 | 0       |
| 142620008     | Reworked Till                 | 584396             | 6109528            | 23004     | 2573379 | Ethos Gold Corp. | 576.3        | 39            | JT-GI    | 2021-06-25T10:22:20Z | Regional           | Helicopter | Hand shovel     | Hole          | 10          | 12                 | 0       |
| 142620009     | Lodgment and or Melt-out Till | 584515             | 6110061            | 23004     | 2573380 | Ethos Gold Corp. | 581.8        | 39            | JT-GI    | 2021-06-25T11:56:00Z | Regional           | By foot    | Hand shovel     | Hole          | 10          | 12                 | 0       |
| 142620010     | Melt-out Till                 | 567149             | 6121653            | 23004     | 2556730 | Trent Potts      | 520.6        |               | RG-FL-JB | 2021-06-22T11:06:31Z | Orientation survey | Helicopter | Hand shovel     | Hole          | 0           | 3                  | 0       |
| 142620011     | Lodgment Till                 | 579268             | 6112166            | 23004     | 2567703 | Ethos Gold Corp. | 563.1        | 24            | JT-GI    | 2021-06-25T15:17:51Z | Regional           | By foot    | Hand shovel     | Hole          | 10          | 0                  | 0       |
| 142620012     | Melt-out Till                 | 566733             | 6122341            | 23004     | 2556732 | Trent Potts      | 517.3        | beluga        | RG-FL-JB | 2021-06-25T13:14:48Z | Regional           | Helicopter | Hand shovel     | Hole          | 16          | 5                  | 0       |
| 142620013     | Melt-out Till                 | 566221             | 6123632            | 23005     | 2556735 | Trent Potts      | 521.3        | Arsene        | FL-RG    | 2021-06-26T09:47:17Z | Regional           | Helicopter | Hand shovel     | Tranch        | 12          | 0                  | 0       |
| 142620014     | Lodgment and or Melt-out Till | 575229             | 6123635            | 23005     | 2265279 | Ethos Gold Corp. | 381.1        | 11            | FL-JB    | 2021-06-30T10:06:00Z | Regional           | Helicopter | Hand shovel     | Hole          | 13          | 2                  | 0       |
| 142620015     | Reworked Till                 | 566308             | 6122143            | 23004     | 2561978 | Trent Potts      | 522.4        | beluga        | RG-JB-FL | 2021-06-25T15:33:00Z | Regional           | Helicopter | Hand shovel     | Hole          | 13          | 5                  | 0       |
| 142620016     | Melt-out Till                 | 576697             | 6119731            | 23004     | 2567721 | Ethos Gold Corp. | 514.1        | 9             | GI-JB    | 2021-06-26T10:07:18Z | Regional           | Helicopter | Hand shovel     | Hole          | 13          | 0                  | 0       |
| 142620017     | Melt-out Till                 | 575386             | 6123290            | 23005     | 2265279 | Ethos Gold Corp. | 382.4        | 11            | FL-JB    | 2021-06-30T11:43:46Z | Regional           | Helicopter | Hand shovel     | Hole          | 13          | 1                  | 0       |
| 142620018     | Melt-out Till                 | 566401             | 6123307            | 23005     | 2556735 | Trent Potts      | 513.3        | Arsene        | FL-RG    | 2021-06-26T10:26:00Z | Regional           | Helicopter | Hand shovel     | Tranch        | 17          | 0                  | 0       |
| 142620019     | Reworked Till                 | 566043             | 6122783            | 23004     | 2565949 | Trent Potts      | 505.6        | Arsene        | FL-RG    | 2021-06-26T12:53:15Z | Regional           | Helicopter | Hand shovel     | Hole          | 9           | 5                  | 0       |
| 142620020     | Melt-out Till                 | 565691             | 6122436            | 23004     | 2565948 | Trent Potts      | 520          | Beluga        | FL-RG    | 2021-06-26T14:09:03Z | Regional           | Helicopter | Hand shovel     | Hole          | 8           | 0                  | 0       |
| 142620021     | Lodgment and or Melt-out Till | 576394             | 6120334            | 23004     | 2567721 | Ethos Gold Corp. | 468.9        | 10            | GI-JB    | 2021-06-26T11:26:53Z | Regional           | Helicopter | Hand shovel     | Hole          | 13          | 5                  | 0       |
| 142620022     | Melt-out Till                 | 577193             | 6121870            | 23004     | 2573344 | Ethos Gold Corp. | 419.6        | 38            | GI-JB    | 2021-06-26T15:09:29Z | Regional           | By foot    | Hand shovel     | Hole          | 0           | 1                  | 0       |
| 142620023     | Reworked Till                 | 567483             | 6133733            | 23005     | 2556612 | Ethos Gold Corp. | 389.5        | Secteur Nord  | RJ-JR-JB | 2021-06-27T13:05:12Z | Regional           | Helicopter | Hand shovel     | Hole          | 0           | 0                  | 0       |
| 142620024     | Reworked Till                 | 572044             | 6126412            | 23005     | 2567768 | Ethos Gold Corp. | 392.9        |               | RG-JT_JB | 2021-06-27T15:36:29Z | Regional           | Helicopter | Hand shovel     | Hole          | 0           | 2                  | 0       |
| 142620025     | Reworked Till                 | 572205             | 6132328            | 23005     | 2567761 | Ethos Gold Corp. | 377          | goodwood      |          | 2021-06-28T13:59:41Z | Regional           | Helicopter | Hand shovel     | Hole          | 15          | 3                  | 0       |

| Sample number | Ah thickness (cm) | Ah (%) | Ae thickness (cm) | Ae (%) | Bhf thickness (cm) | B thickness (cm) | B (%) | B color    | C thickness (cm) | C (%) | C color    | Humidity  | Compacity                 | C Blocs pebbles (%) | C Gravel (%) | C Sand (%) | C Silt (%) | C Clay (%) | Roundness pebbles     | Lithology pebbles | Condition |
|---------------|-------------------|--------|-------------------|--------|--------------------|------------------|-------|------------|------------------|-------|------------|-----------|---------------------------|---------------------|--------------|------------|------------|------------|-----------------------|-------------------|-----------|
| 142620001     | 3                 | 0      | 2                 | 0      | 0                  | 10               | 0     | 7.5yr4/4   | 40               | 0     | 10yr4/3    | Humid     | Little compact to loose   | 15                  | 5            | 55         | 15         | 10         | Subangular subrounded | m20               | Brut      |
| 142620002     | 5                 | 0      | 0                 | 0      | 10                 | 40               | 0     | 5yr5/8     | 50               | 0     | 7.5yr5/2   | Wet       | Little compact to loose   | 10                  | 10           | 60         | 15         | 5          | Subangular subrounded | m20               | Brut      |
| 142620003     | 3                 | 0      | 1                 | 0      | 5                  | 0                | 0     | 10yr3/6    | 0                | 0     | 10YR4/3    | Humid     | Little compact            | 10                  | 10           | 50         | 15         | 15         | Subangular subrounded | m20               | Brut      |
| 142620004     | 2                 | 0      | 0                 | 5      | 3                  | 30               | 0     | 5Yr4/6     | 50               | 0     | 7.5yr3/4   | Humid     | Little compact            | 10                  | 15           | 50         | 15         | 10         | Subangular subrounded | m20               | Brut      |
| 142620005     | 2                 | 0      | 0                 | 0      | 50                 | 24               | 100   | 10YR 4/3   | 0                | 0     |            | Dry       | Loose                     | 15                  | 15           | 55         | 15         | 0          | Subrounded rounded    |                   | Brut      |
| 142620006     | 2                 | 0      | 0                 | 0      | 30                 | 28               | 100   | 7.5YR 6/4  | 0                | 0     |            | Saturated | Little compact to loose   | 15                  | 15           | 60         | 10         | 0          | Subrounded rounded    |                   | Brut      |
| 142620007     | 2                 | 0      | 1                 | 0      | 5                  | 15               | 0     | 10yr3/4    | 0                | 0     | 7.5yr4/4   | Saturated | Little compact            | 5                   | 5            | 60         | 20         | 10         | Subrounded            |                   | Brut      |
| 142620008     | 4                 | 0      | 1                 | 0      | 0                  | 15               | 5     | 10YR 4/4   | 22               | 95    | 10YR 3/6   | Humid     | Little compact to compact | 8                   | 15           | 45         | 29         | 3          | Subrounded            | I1                | Brut      |
| 142620009     | 0                 | 0      | 9                 | 0      | 0                  | 29               | 3     | 10YR 3/4   | 23               | 97    | 10YR 3/6   | Dry       | Little compact to compact | 14                  | 15           | 59         | 10         | 2          | Subangular subrounded |                   | Brut      |
| 142620010     | 3                 | 0      | 0                 | 0      | 6                  | 20               | 0     |            | 50               | 0     |            | Humid     | Little compact to compact | 10                  | 10           | 60         | 10         | 10         | Subangular subrounded | m20               | Brut      |
| 142620011     | 0                 | 0      | 0                 | 0      | 0                  | 69               | 5     | 10YR 5/3   | 12               | 95    | 10YR5/4    | Dry       | Little compact            | 5                   | 9            | 60         | 22         | 4          | Subangular subrounded | I1                | Brut      |
| 142620012     | 2                 | 0      | 5                 | 0      | 3                  | 15               | 0     | 5yr3/4     | 0                | 0     | 10yr4/3    | Dry       | Little compact to loose   | 10                  | 15           | 50         | 15         | 10         | Subangular subrounded | m20               | Brut      |
| 142620013     | 0                 | 0      | 0                 | 0      | 0                  | 15               | 0     | 10YR 3/6   | 50               | 0     | 10YR 4/3   | Humid     | Little compact            | 10                  | 15           | 50         | 15         | 10         | Subrounded            | M20               | Brut      |
| 142620014     | 1                 | 0      | 1                 | 0      | 0                  | 20               | 0     | 10YR 5/6   | 40               | 0     | 10YR 5/4   | Humid     | Loose                     | 0                   | 2            | 88         | 10         | 0          | -                     |                   | Brut      |
| 142620015     | 3                 | 0      | 1                 | 0      | 5                  | 10               | 0     | 5yr4/4     | 30               | 0     | 10yr4/3    | Humid     | Little compact to loose   | 5                   | 10           | 57         | 18         | 10         | Subrounded            | m20               | Brut      |
| 142620016     | 2                 | 0      | 3                 | 0      | 0                  | 20               | 0     | 7.5YR 4/6  | 40               | 100   | 10YR 4/2   | Dry       | Loose                     | 15                  | 10           | 70         | 5          | 0          | Subrounded            |                   | Brut      |
| 142620017     | 2                 | 0      | 0                 | 0      | 0                  | 20               | 0     | 7.5 YR 5/6 | 20               | 0     | 7.5 YR 4/6 | Humid     | Loose                     | 5                   | 30           | 60         | 5          | 0          | -                     |                   | Brut      |
| 142620018     | 0                 | 0      | 0                 | 0      | 0                  | 15               | 0     | 5YR 3/4    | 50               | 0     | 10YR 4/3   | Wet       | Little compact            | 5                   | 15           | 55         | 15         | 10         | Subangular subrounded | M21               | Brut      |
| 142620019     | 0                 | 0      | 1                 | 0      | 5                  | 10               | 0     | 10YR 4/4   | 40               | 0     | 10YR 4/3   | Humid     | Little compact            | 2                   | 10           | 68         | 15         | 5          | Subangular subrounded | M20               | Brut      |
| 142620020     | 0                 | 0      | 0                 | 0      | 0                  | 20               | 0     | 5 YR 4/6   | 50               | 0     | 7.5YR 4/3  | Humid     | Little compact            | 5                   | 10           | 70         | 10         | 5          | Subangular subrounded | M20               | Brut      |
| 142620021     | 1                 | 0      | 0                 | 0      | 0                  | 30               | 0     | 7.5YR 4/4  | 30               | 100   | 10YR 5/3   | Humid     | Little compact to loose   | 10                  | 20           | 60         | 10         | 0          | Subangular subrounded |                   | Brut      |
| 142620022     | 0                 | 0      | 0                 | 0      | 0                  | 40               | 50    | 10YR 4/4   | 5                | 50    | 10YR 4/3   | Dry       | Little compact to loose   | 10                  | 10           | 70         | 10         | 0          | Subangular subrounded |                   | Brut      |
| 142620023     | 0                 | 0      | 0                 | 0      | 0                  | 40               | 100   | 10yr5/8    | 0                | 0     |            | Dry       | Loose                     | 10                  | 20           | 60         | 10         | 0          | Subrounded rounded    |                   | Brut      |
| 142620024     | 2                 | 0      | 3                 | 0      | 1                  | 20               | 0     | 10yr4/4    | 20               | 0     | 2.5y4/2    | Humid     | Little compact to loose   | 20                  | 10           | 50         | 10         | 10         | Subangular subrounded | i1g               | Brut      |
| 142620025     | 2                 | 0      | 1                 | 0      | 2                  | 10               | 0     | 10yr4/4    | 100              | 0     | 4.5yr4/4   | Humid     | Little compact to loose   | 15                  | 5            | 70         | 10         | 0          | Subrounded            |                   | Brut      |

| Sample number | Outcrop lithology | Outcrop (%) | Boulder (%) | Ice structure | Orientation | Ice morphology  | Fluvio morphology | Forest cover            | Drainage    | Sampled under | Slope | Slope situation | Slope shape | Slope side | Comments                                                                                                                                               |
|---------------|-------------------|-------------|-------------|---------------|-------------|-----------------|-------------------|-------------------------|-------------|---------------|-------|-----------------|-------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 142620001     | m20               | 0           | m20         |               | 0           |                 |                   | Low                     | Medium      | Lichen        | 0     | Re flat         |             |            | Near stripping conductive area beepmat on 5m                                                                                                           |
| 142620002     |                   | 0           |             |               | 0           |                 |                   | Medium                  | Moderated   | Lichen        | 10    | Low slope       | Regular     |            | Quitter Sandy ans grand mvelly till. Located south of 1987 voir drilling.Drill sites mot found only old lines                                          |
| 142620003     |                   | 0           |             |               | 0           |                 |                   | Low                     | Good        | Hypme         | 10    | Top slope       |             |            | Typical local sandy till, probably washed.                                                                                                             |
| 142620004     | m20               | 0           | i1b         |               | 0           |                 |                   |                         | Good        | Lichen        | 10    | Mid Slope       | Regular     | Top        | Sandy, gravely till, possibly reworked. A lot of big angular blocks in the area                                                                        |
| 142620005     |                   | 0           |             |               | 0           |                 |                   | Low                     | Really good | Hypme         | 7     | Mid Slope       | Regular     | Top        |                                                                                                                                                        |
| 142620006     |                   | 0           |             |               | 0           |                 |                   | Low                     | Good        | Grasses       | 2     | Low slope       | Regular     | Top        |                                                                                                                                                        |
| 142620007     | m20               | 0           | m20         |               | 0           |                 |                   | Low                     | Medium      | Lichen        | 0     | Top slope       | Convex      |            |                                                                                                                                                        |
| 142620008     |                   | 0           |             |               | 0           |                 |                   | Small vegetation island | Really good | Lichen        | 0     | Mid Slope       | Regular     | Medium     | Till collected on the bedrock. " Artic Birch" all around.                                                                                              |
| 142620009     |                   | 0           |             |               | 0           |                 |                   | Low                     | Excellent   | Lichen        | 0     | Top slope       | Regular     | Top        | Collected at the bottom of an outcrop at the top of the hill.                                                                                          |
| 142620010     | S9A               | 0           | m20         |               | 0           |                 |                   | Low                     | Moderated   | Lichen        | 5     | Re flat         |             |            | Probably melt-out till, really pebbly, possibly rework                                                                                                 |
| 142620011     |                   | 0           |             |               | 0           |                 |                   | Medium                  | Excellent   | Grasses       | 0     | Rounded peak    | Convex      | Medium     | Collected on a small hill with till. A lot of outcrop near the hill.                                                                                   |
| 142620012     | m20               | 0           | i1g         |               | 0           |                 |                   | Medium                  | Good        | Lichen        | 5     |                 |             |            |                                                                                                                                                        |
| 142620013     | S9                | 0           | M20         | Strie         | 310         | Crags and Tails |                   | Low                     | Good        | --            | 0     | Flat Field      | Regular     | Top        | Pick on the side of a stripping site. Sampled in the naturel soil, untouched by the field work.                                                        |
| 142620014     |                   | 5           | 0           |               | 0           |                 |                   | Low                     | Good        | Lichen        | 0     | Low slope       | Regular     | Medium     | Beach Sand                                                                                                                                             |
| 142620015     | m20               | 0           |             | strie         | 345         |                 |                   | Low                     | Bad         | Lichen        | 0     | Re flat         |             |            | Sample collected directly from an enfractuosite of the bedrock                                                                                         |
| 142620016     |                   | 0           |             |               | 0           |                 |                   | Low                     | Excellent   | Lichen        | 5     | Top slope       | Regular     | Top        |                                                                                                                                                        |
| 142620017     |                   | 5           | 2           |               | 0           |                 |                   | Low                     | Good        | Lichen        | 0     | Low slope       | Regular     | Medium     | Sandy gravel                                                                                                                                           |
| 142620018     | Formation de fer  | 70          | 5           | Strie         | 358         | Crags and Tails |                   | Low                     | Good        | --            | 0     | Mid Slope       | Regular     | Low        | Collected in a trench south of the index zone                                                                                                          |
| 142620019     |                   | 0           | M20         |               | 0           |                 |                   | Low                     | Excellent   | Lichen        | 0     | Flat Field      | Regular     | Top        | Small terrace near a stream.                                                                                                                           |
| 142620020     | M16               | 20          | M20         |               | 0           |                 |                   | Low                     | Good        | --            | 0     | Flat Field      | Regular     | Medium     | In the break of slope.                                                                                                                                 |
| 142620021     |                   | 0           |             |               | 0           |                 |                   | Low                     | Excellent   | Lichen        | 2     | Flat Field      | Regular     | Low        |                                                                                                                                                        |
| 142620022     |                   | 0           |             |               | 0           |                 |                   | Medium                  | Really good | Lichen        | 5     | Re flat         | Regular     | Medium     |                                                                                                                                                        |
| 142620023     | m4/i4/m16         | 80          |             |               | 0           |                 | Spreading plain   | Low                     | Excellent   | Lichen        | 1     | Top slope       | Irregular   | Top        | Base of a gravelly, fluvio glacial overburden plain, bordering the outcrop area of the washed-out area in contact with the bedrock in an enfractuosite |
| 142620024     | i1b               | 20          | ,i1b        |               | 0           |                 |                   | Low                     | Good        | Lichen        | 10    | Mid Slope       |             |            | Sandy till collected in contact with the granite outcrop, not oxidized like the previous fluvio glacial                                                |
| 142620025     | m20               | 0           | m20         |               | 0           |                 | Spreading plain   | Low                     | Good        | Lichen        | 0     | Top slope       |             |            | Residual flake of a. sandy-gravelly hanging plain                                                                                                      |

| Sample number | Overburden type               | UTMX NAD83 Zone 18 | UTMY NAD83 Zone 18 | NTS sheet | Claim   | Claim holder     | Altitude (m) | Target | Sampler | GSF DATE             | Survey type       | Access     | Sampling method | Sampling type | Weight (kg) | LFH thickness (cm) | LFH (%) |
|---------------|-------------------------------|--------------------|--------------------|-----------|---------|------------------|--------------|--------|---------|----------------------|-------------------|------------|-----------------|---------------|-------------|--------------------|---------|
| 142620026     | Lodgment and or Melt-out Till | 579095             | 6129640            | 23005     | 2536600 | Ethos Gold Corp. | 468.3        |        | JT      | 2021-06-28T15:23:20Z | Regional          | Helicopter | Hand shovel     | Hole          | 14          | 7                  | 0       |
| 142620027     | Reworked Till                 | 582349             | 6129854            | 23005     | 2536601 | Ethos Gold Corp. | 763.7        | 17     | JT-JB   | 2021-06-29T15:06:01Z | Regional          | Helicopter | Hand shovel     | Hole          | 14          | 20                 | 0       |
| 142620028     | Melt-out Till                 | 582078             | 6129146            | 23005     | 2536601 | Ethos Gold Corp. | 713.5        | 17     | JT-JB   | 2021-06-29T15:50:03Z | Regional          | Helicopter | Hand shovel     | Hole          | 13          | 4                  | 0       |
| 142620029     | Melt-out Till                 | 572305             | 6129271            | 23005     | 2567750 | Ethos Gold Corp. | 482.2        |        | JB      | 2021-06-28T10:00:43Z | Regional          | Helicopter | Hand shovel     | Hole          | 14          | 1                  | 0       |
| 142620030     | Melt-out Till                 | 571820             | 6129162            | 23005     | 2536619 | Ethos Gold Corp. | 499          |        | JB      | 2021-06-28T11:57:36Z | Regional          | By foot    | Hand shovel     | Hole          | 15          | 4                  | 0       |
| 142620031     | Melt-out Till                 | 578709             | 6126364            | 23005     | 2536599 | Ethos Gold Corp. | 454.6        |        | JB      | 2021-06-28T14:44:52Z | Regional          | Helicopter | Hand shovel     | Hole          | 20          | 8                  | 0       |
| 142620032     | Melt-out Till                 | 574155             | 6123333            | 23005     | 2265276 | Ethos Gold Corp. | 438.1        | 10     | FL-JB   | 2021-06-30T15:42:16Z | Regional          | Helicopter | Hand shovel     | Hole          | 15          | 10                 | 0       |
| 142620033     | Melt-out Till                 | 574434             | 6122797            | 23004     | 2556568 | Ethos Gold Corp. | 432.7        | 10     | FL-JB   | 2021-06-30T14:46:31Z | Regional          | Helicopter | Hand shovel     | Hole          | 13          | 0                  | 0       |
| 142620034     | Lodgment and or Melt-out Till | 602925             | 6076577            | 23J14     | 2573535 | Ethos Gold Corp. | 624.6        | 33     | FL-JB   | 2021-07-01T10:04:22Z | Regional          | Helicopter | Hand shovel     | Hole          | 17          | 10                 | 0       |
| 142620035     | Lodgment and or Melt-out Till | 602424             | 6075888            | 23J14     | 2573511 | Ethos Gold Corp. | 639.2        | 33     | FL-JB   | 2021-07-01T11:25:07Z | Regional          | Helicopter | Hand shovel     | Hole          | 18          | 6                  | 0       |
| 142620036     | Lodgment and or Melt-out Till | 601174             | 6075031            | 23J14     | 2573485 | Ethos Gold Corp. | 609.9        | 33     | FL-JB   | 2021-07-01T14:34:24Z | Regional          | Helicopter | Hand shovel     | Hole          | 13          | 2                  | 0       |
| 142620037     | Melt-out Till                 | 600262             | 6075430            | 23J14     | 2573484 | Ethos Gold Corp. | 580.3        | 33     | FL-JB   | 2021-07-01T15:57:41Z | Regional          | Helicopter | Hand shovel     | Hole          | 11          | 10                 | 0       |
| 142620038     | Melt-out Till                 | 603108             | 6075367            | 23J14     | 2573489 | Ethos Gold Corp. | 657.1        | 33     | JR-JB   | 2021-07-02T10:19:43Z | Regional          | By foot    | Hand shovel     | Hole          | 10          | 5                  | 0       |
| 142620039     | Melt-out Till                 | 571127             | 6116965            | 23O04     | 2573272 | Ethos Gold Corp. | 493.7        | 42     | JT      | 2021-07-01T14:38:04Z | Other             | Helicopter | Hand shovel     | Hole          | 13          | 8                  | 0       |
| 142620040     | Lodgment and or Melt-out Till | 603549             | 6075981            | 23J14     | 2573513 | Ethos Gold Corp. | 650.4        | 33     | JB-JR   | 2021-07-02T11:34:25Z | Regional          | By foot    | Hand shovel     | Hole          | 10          | 0                  | 0       |
| 142620041     | Melt-out Till                 | 604071             | 6076548            | 23J14     | 2573537 | Ethos Gold Corp. | 621.1        | 33     | JB-JR   | 2021-07-02T12:22:50Z | Regional          | By foot    | Hand shovel     | Hole          | 10          | 10                 | 0       |
| 142620042     | Melt-out Till                 | 604175             | 6075947            | 23J14     | 2573514 | Ethos Gold Corp. | 648.5        | 32     | DJE-DJE | 2021-07-02T14:54:50Z | Grid geochemistry | By foot    | Hand shovel     | Hole          | 12          | 0                  | 0       |
| 142620043     | Melt-out Till                 | 605813             | 6077143            | 23J14     | 2573540 | Ethos Gold Corp. | 642.9        | 32     | JT-FL   | 2021-07-03T08:59:15Z | Regional          | Helicopter | Hand shovel     | Hole          | 11          | 9                  | 0       |
| 142620044     | Melt-out Till                 | 605401             | 6076554            | 23J14     | 2573539 | Ethos Gold Corp. | 632          | 32     | JT-FL   | 2021-07-03T10:20:19Z | Regional          | Helicopter | Hand shovel     | Hole          | 11          | 14                 | 0       |
| 142620045     | Lodgment and or Melt-out Till | 604863             | 6076285            | 23J14     | 2573515 | Ethos Gold Corp. | 611.9        | 32     | JT-FL   | 2021-07-03T11:21:29Z | Regional          | Helicopter | Hand shovel     | Hole          | 12          | 10                 | 0       |
| 142620046     | Lodgment and or Melt-out Till | 605393             | 6075201            | 23J14     | 2573493 | Ethos Gold Corp. | 596          | 32     | JT-FL   | 2021-07-03T13:50:26Z | Regional          | Helicopter | Hand shovel     | Hole          | 10          | 16                 | 0       |
| 142620047     | Lodgment and or Melt-out Till | 605202             | 6074611            | 23J14     | 2573470 | Ethos Gold Corp. | 593.8        | 32     | JT-FL   | 2021-07-03T15:18:57Z | Regional          | Helicopter | Hand shovel     | Hole          | 10          | 7                  | 0       |
| 142620048     | Melt-out Till                 | 536258             | 6129935            | 23N08     | 2574840 | Ethos Gold Corp. | 486.8        | 34     | JB      | 2021-07-03T11:45:28Z | Other             | Helicopter | Hand shovel     | Hole          | 11          | 6                  | 0       |
| 142620049     | Lodgment and or Melt-out Till | 557696             | 6123595            | 23N08     | 2573585 | Ethos Gold Corp. | 607.7        | 19     | JT-JB   | 2021-07-04T12:11:16Z | Regional          | Helicopter | Hand shovel     | Hole          | 10          | 2                  | 0       |
| 142620050     | Lodgment and or Melt-out Till | 548007             | 6130357            | 23N08     | 2573200 | Ethos Gold Corp. | 422.9        | 38     | JR-JB   | 2021-07-04T10:09:44Z | Regional          | Helicopter | Hand shovel     | Hole          | 10          | 2                  | 0       |
| 142620051     | Lodgment and or Melt-out Till | 544287             | 6127865            | 23N08     | 2574827 | Ethos Gold Corp. | 514          | 37     | JR-JB   | 2021-07-04T09:41:50Z | Regional          | Helicopter | Hand shovel     | Hole          | 11          | 2                  | 0       |
| 142620052     | Melt-out Till                 | 551951             | 6128613            | 23N08     | 2573639 | Ethos Gold Corp. | 472.1        | 39     | JR-JB   | 2021-07-04T12:41:32Z | Regional          | Helicopter | Hand shovel     | Hole          | 0           | 7                  | 0       |
| 142620053     | Lodgment and or Melt-out Till | 558805             | 6127071            | 23N08     | 2573675 | Ethos Gold Corp. | 593.4        | 18     | JT-JB   | 2021-07-04T13:50:54Z | Regional          | Helicopter | Hand shovel     | Hole          | 12          | 4                  | 0       |
| 142620054     | Lodgment and or Melt-out Till | 561566             | 6128207            | 23N08     | 2573710 | Ethos Gold Corp. | 557.8        | 41     | JR-JB   | 2021-07-04T14:15:10Z | Regional          | Helicopter | Hand shovel     | Hole          | 11          | 6                  | 0       |
| 142620055     | Melt-out Till                 | 571775             | 6121242            | 23O04     | 2265258 | Ethos Gold Corp. | 523.4        | 1      | JT-JB   | 2021-07-04T15:41:58Z | Regional          | Helicopter | Hand shovel     | Hole          | 10          | 12                 | 0       |



| Sample number | Ah thickness (cm) | Ah (%) | Ae thickness (cm) | Ae (%) | Bhf thickness (cm) | B thickness (cm) | B (%) | B color      | C thickness (cm) | C (%) | C color      | Humidity  | Compacity                 | C Blocs pebbles (%) | C Gravel (%) | C Sand (%) | C Silt (%) | C Clay (%) | Roundness pebbles     | Lithology pebbles | Condition |
|---------------|-------------------|--------|-------------------|--------|--------------------|------------------|-------|--------------|------------------|-------|--------------|-----------|---------------------------|---------------------|--------------|------------|------------|------------|-----------------------|-------------------|-----------|
| 142620026     | 2                 | 0      | 1                 | 0      | 0                  | 17               | 0     | 10YR 3/4     | 15               | 0     | 5Y 6/2       | Humid     | Little compact            | 7                   | 10           | 62         | 18         | 3          | Subangular subrounded |                   | Brut      |
| 142620027     | 2                 | 0      | 2                 | 0      | 0                  | 25               | 0     | 10YR 3/4     | 15               | 0     | 10YR 4/4     | Saturated | Little compact to compact | 7                   | 12           | 56         | 22         | 3          | Subangular subrounded |                   | Brut      |
| 142620028     | 0                 | 0      | 0                 | 0      | 0                  | 30               | 0     | 7.5YR 4/4    | 10               | 100   | 7.5YR 2.5/3  | Humid     | Little compact to loose   | 10                  | 15           | 70         | 5          | 0          | Subrounded            |                   | Brut      |
| 142620029     | 0                 | 0      | 0                 | 0      | 0                  | 30               | 0     | 10YR 4/4     | 20               | 100   | 2.5Y 4/2     | Humid     | Little compact to loose   | 15                  | 15           | 55         | 15         | 0          | Subrounded            |                   | Brut      |
| 142620030     | 0                 | 0      | 0                 | 0      | 0                  | 30               | 30    | 7.5YR 4/4    | 5                | 70    | 7.5YR 5/3    | Humid     | Little compact to loose   | 10                  | 15           | 65         | 10         | 0          | Subrounded            |                   | Brut      |
| 142620031     | 12                | 0      | 0                 | 0      | 0                  | 25               | 50    | 10YR 4/4     | 5                | 50    | 10YR 4/3     | Saturated | Little compact to loose   | 10                  | 15           | 65         | 10         | 0          | Subrounded            |                   | Brut      |
| 142620032     | 2                 | 0      | 2                 | 0      | 0                  | 20               | 0     | 7.5 YR 2.5/2 | 15               | 0     | 7.5 YR 4/4   | Wet       | Little compact            | 15                  | 15           | 55         | 15         | 0          | Subangular subrounded |                   | Brut      |
| 142620033     | 0                 | 0      | 0                 | 0      | 0                  | 40               | 0     | 10YR 6/4     | 50               | 0     | 10 YR 4/4    | Humid     | Loose                     | 5                   | 20           | 73         | 2          | 0          | -                     |                   | Brut      |
| 142620034     | 2                 | 0      | 2                 | 0      | 0                  | 20               | 0     | 10 YR 3/3    | 20               | 0     | 10 YR 5/6    | Saturated | Little compact            | 10                  | 20           | 60         | 10         | 0          | Subangular subrounded |                   | Brut      |
| 142620035     | 8                 | 0      | 0                 | 0      | 0                  | 20               | 10    | 10 YR 4/3    | 15               | 90    | 10 YR 5/4    | Saturated | Little compact            | 15                  | 15           | 62         | 8          | 0          | Subangular subrounded |                   | Brut      |
| 142620036     | 0                 | 0      | 0                 | 0      | 0                  | 35               | 10    | 10 YR 4/4    | 20               | 90    | 10 YR 5/3    | Humid     | Little compact            | 10                  | 10           | 65         | 5          | 10         | -                     |                   | Brut      |
| 142620037     | 5                 | 0      | 0                 | 0      | 0                  | 18               | 0     | 10 YR 3/4    | 32               | 100   | 10 YR 2/2    | Humid     | Little compact            | 10                  | 15           | 70         | 5          | 0          | Subangular subrounded |                   | Brut      |
| 142620038     | 2                 | 0      | 1                 | 0      | 0                  | 20               | 0     | 10YR 3/6     | 10               | 100   | 10YR 3/3     | Humid     | Little compact to loose   | 10                  | 10           | 75         | 5          | 0          | Subangular subrounded |                   | Brut      |
| 142620039     | 2                 | 0      | 1                 | 0      | 0                  | 27               | 0     | 5YR3/4       | 28               | 0     | 5YR4/2       |           |                           | 10                  | 10           | 75         | 5          | 0          | Subrounded            |                   | Brut      |
| 142620040     | 0                 | 0      | 0                 | 0      | 0                  | 10               | 0     | 10YR 4/4     | 20               | 100   | 10YR 3/3     | Humid     | Little compact to loose   | 15                  | 10           | 70         | 5          | 0          | Subangular subrounded |                   | Brut      |
| 142620041     | 2                 | 0      | 2                 | 0      | 0                  | 15               | 0     | 5YR 4/6      | 0                | 12    |              | Wet       | Little compact to loose   | 12                  | 15           | 60         | 10         | 3          | Subangular subrounded |                   | Brut      |
| 142620042     | 0                 | 0      | 0                 | 0      | 0                  | 40               | 0     | 7.5YR 5/6    | 40               | 100   | 7.5YR 5/4    | Humid     | Loose                     | 10                  | 15           | 73         | 2          | 0          | Subangular subrounded |                   | Brut      |
| 142620043     | 1                 | 0      | 2                 | 0      | 0                  | 20               | 0     | 5 YR 4/6     | 50               | 0     | 7.5 YR 2.5/2 | Humid     | Little compact            | 12                  | 25           | 50         | 10         | 3          | Subangular subrounded |                   | Brut      |
| 142620044     | 0                 | 0      | 0                 | 0      | 0                  | 26               | 0     | 7.5 YR 4/4   | 31               | 0     | 7.5 YR 2.5/2 | Wet       | Little compact            | 10                  | 20           | 63         | 5          | 2          | Subangular subrounded |                   | Brut      |
| 142620045     | 2                 | 0      | 3                 | 0      | 0                  | 20               | 0     | 7.5 YR 3/4   | 18               | 0     | 10 YR 4/4    | Saturated | Little compact            | 15                  | 15           | 63         | 5          | 2          | -                     |                   | Brut      |
| 142620046     | 2                 | 0      | 3                 | 0      | 0                  | 20               | 0     | 10 YR 3/6    | 24               | 0     | 10 YR 3/3    | Humid     | Little compact            | 10                  | 15           | 68         | 5          | 2          | Subangular subrounded |                   | Brut      |
| 142620047     | 1                 | 0      | 4                 | 0      | 0                  | 10               | 0     | 10 YR 3/4    | 15               | 0     | 5 YR 3/4     | Humid     | Little compact            | 10                  | 15           | 63         | 10         | 2          | Subangular subrounded |                   | Brut      |
| 142620048     | 1                 | 0      | 1                 | 0      | 0                  | 15               | 0     | 10YR 5/6     | 25               | 0     | 10YR 4/3     |           |                           | 13                  | 18           | 65         | 4          | 0          | -                     |                   | Brut      |
| 142620049     | 2                 | 0      | 2                 | 0      | 0                  | 15               | 10    | 10YR 5/8     | 10               | 90    |              | Humid     | Little compact            | 8                   | 10           | 66         | 14         | 2          | Subrounded            |                   | Brut      |
| 142620050     | 1                 | 0      | 2                 | 0      | 0                  | 30               | 0     | 10YR 5/6     | 25               | 100   | 5Y 5/2       | Humid     | Little compact to compact | 12                  | 5            | 60         | 20         | 3          | Subrounded            |                   | Brut      |
| 142620051     | 5                 | 0      | 0                 | 0      | 0                  | 30               | 0     | 10YR 5/6     | 40               | 100   | 5Y 5/2       | Humid     | Little compact to compact | 3                   | 5            | 63         | 25         | 4          | Subrounded rounded    |                   | Brut      |
| 142620052     | 10                | 0      | 0                 | 0      | 0                  | 10               | 0     | 10YR 4/3     | 25               | 0     | 10YR 4/2     | Wet       | Little compact to compact | 8                   | 15           | 53         | 20         | 4          | Subrounded            |                   | Brut      |
| 142620053     | 1                 | 0      | 1                 | 0      | 0                  | 30               | 25    | 7.5YR 3/4    | 20               | 75    | 10YR 3/2     | Humid     | Little compact to compact | 7                   | 8            | 72         | 10         | 3          | Subrounded            |                   | Brut      |
| 142620054     | 4                 | 0      | 2                 | 0      | 0                  | 25               | 0     | 10YR 4/6     | 40               | 100   | 5Y 5/2       | Humid     | Little compact to compact | 10                  | 8            | 68         | 12         | 2          | Subrounded            |                   | Brut      |
| 142620055     | 2                 | 0      | 2                 | 0      | 0                  | 25               | 0     | 10YR 3/4     | 15               | 0     | 10YR 5/3     | Humid     | Little compact            | 6                   | 8            | 77         | 8          | 1          | Subangular subrounded |                   | Brut      |

| Sample number | Outcrop lithology | Outcrop (%) | Boulder (%) | Ice structure | Orientation | Ice morphology | Fluvio morphology | Forest cover | Drainage    | Sampled under | Slope | Slope situation | Slope shape | Slope side | Comments                                                                                                  |
|---------------|-------------------|-------------|-------------|---------------|-------------|----------------|-------------------|--------------|-------------|---------------|-------|-----------------|-------------|------------|-----------------------------------------------------------------------------------------------------------|
| 142620026     |                   | 0           |             |               | 0           |                |                   | Low          | Really good | Lichen        | 0     | Low slope       | Regular     | Low        | Lot of outcrop around. 25 cm from bedrock                                                                 |
| 142620027     |                   | 0           |             |               | 0           |                |                   | Low          | Bad         | Hypme         | 0     | Rounded peak    | Convex      | Top        | Collected on the top of the mountain in a little valley. Lots of water is filling the hole.               |
| 142620028     |                   | 0           |             |               | 0           |                |                   | Low          | Good        | Grasses       | 8     | Mid Slope       | Regular     | Top        |                                                                                                           |
| 142620029     |                   | 0           |             |               | 0           |                |                   | Low          | Excellent   | Lichen        | 4     | Low slope       | Regular     | Medium     |                                                                                                           |
| 142620030     |                   | 0           |             |               | 0           |                |                   | Low          | Medium      | Lichen        | 0     | Top slope       | Regular     | Top        |                                                                                                           |
| 142620031     |                   | 0           |             |               | 0           |                |                   | Low          | Bad         | Lichen        | 2     | Top slope       | Regular     | Top        |                                                                                                           |
| 142620032     |                   | 2           | 15          |               | 0           |                |                   | Low          | Medium      | Sphagnum      | 0     | Flat Field      | Regular     | Top        | Melt-out due to the high quantity of peddles of different litho                                           |
| 142620033     |                   | 0           |             |               | 0           |                |                   | Low          | Good        | --            | 1     | Low slope       | Regular     | Medium     | Sampled in coarse grain sand                                                                              |
| 142620034     |                   | 15          | 15          |               | 0           |                |                   | Low          | Medium      | Sphagnum      | 0     | Top slope       | Wavy        | Medium     | Al lot of water in the hole                                                                               |
| 142620035     |                   | 5           | 10          |               | 0           |                |                   | Low          | Medium      | Sphagnum      | 0     | Re flat         | Wavy        | Top        | A lot of water filling the hole                                                                           |
| 142620036     |                   | 0           |             |               | 0           |                |                   | Low          | Good        | Lichen        | 0     | Top slope       | Wavy        | Top        | Sample taken on a small valley. And a small layer of clay at the bottom of the hole (under the C horizon) |
| 142620037     |                   | 0           |             |               | 0           |                |                   | Low          | Good        | Hypme         | 10    | Cliff           | Regular     | Medium     | Side of a mountain                                                                                        |
| 142620038     |                   | 5           | 5           |               | 0           |                |                   | Low          | Excellent   | Lichen        | 5     | Top slope       | Regular     | Top        |                                                                                                           |
| 142620039     |                   | 0           |             |               | 0           |                |                   |              |             | --            | 0     |                 |             |            |                                                                                                           |
| 142620040     |                   | 5           |             |               | 0           |                |                   | Low          | Excellent   | Lichen        | 2     | Top slope       | Regular     | Top        |                                                                                                           |
| 142620041     |                   | 0           |             |               | 0           |                |                   | Medium       | Really good | Lichen        | 0     | Low slope       | Irregular   | Low        | Collected 75 meters from lake.                                                                            |
| 142620042     |                   | 10          |             |               | 0           |                |                   | Low          | Excellent   | Lichen        | 5     | Mid Slope       | Regular     | Medium     |                                                                                                           |
| 142620043     |                   | 0           | 0           |               | 0           |                |                   | Low          | Good        | Lichen        | 0     | Mid Slope       | Regular     | Medium     | Sample taken in an alder field.                                                                           |
| 142620044     |                   | 0           |             |               | 0           |                |                   | Low          | Good        | Lichen        | 0     | Mid Slope       | Regular     | Medium     | Sample taken on the side of a hill not far from the intruder.                                             |
| 142620045     |                   | 0           |             |               | 0           |                |                   | Low          | Medium      | Lichen        | 0     | Mid Slope       | Regular     | Medium     | Water has begun to fill the hole.                                                                         |
| 142620046     |                   | 0           |             |               | 0           |                |                   | Low          | Good        | Lichen        | 0     | Mid Slope       | Regular     | Medium     | Strong presence of alders around the sample hole                                                          |
| 142620047     |                   | 0           |             |               | 0           |                |                   | Low          | Good        | Lichen        | 0     | Low slope       | Regular     | Medium     | Presence of alders around the sample hole.                                                                |
| 142620048     |                   | 0           |             |               | 0           |                |                   |              |             | --            | 0     |                 |             |            |                                                                                                           |
| 142620049     |                   | 0           |             |               | 0           |                |                   | Low          | Really good | Lichen        | 0     | Top slope       | Regular     | Top        | Collected on the top of a Hill.                                                                           |
| 142620050     |                   | 5           |             |               | 0           |                |                   | Low          | Excellent   | Lichen        | 0     | Flat Field      | Regular     | Medium     |                                                                                                           |
| 142620051     |                   | 0           |             |               | 0           |                |                   | Low          | Moderated   | Lichen        | 0     | Flat Field      | Regular     | Top        |                                                                                                           |
| 142620052     |                   | 2           |             |               | 0           |                |                   | Low          | Medium      | Hypme         | 0     | Flat Field      | Regular     | Low        |                                                                                                           |
| 142620053     |                   | 0           |             |               | 0           |                |                   | Bog          | Really good | Lichen        | 0     | Rounded peak    | Convex      | Top        | Collected. On the top of the hill                                                                         |
| 142620054     |                   | 0           |             |               | 0           |                |                   | Low          | Excellent   | Lichen        | 4     | Mid Slope       | Regular     | Top        |                                                                                                           |
| 142620055     |                   | 0           |             |               | 0           |                |                   | Dense        | Really good | Lichen        | 0     | Mid Slope       | Irregular   | Medium     | Outcrop all around. Collected in a little Valley between two outcrops                                     |

| Sample number | Overburden type | UTMX<br>NAD83<br>Zone 18 | UTMY<br>NAD83<br>Zone 18 | NTS sheet | Claim   | Claim holder     | Altitude<br>(m) | Target | Sampler | GSF DATE             | Survey type | Access     | Sampling method | Sampling type | Weight<br>(kg) | LFH<br>thickness<br>(cm) | LFH<br>(%) |
|---------------|-----------------|--------------------------|--------------------------|-----------|---------|------------------|-----------------|--------|---------|----------------------|-------------|------------|-----------------|---------------|----------------|--------------------------|------------|
| 142620056     | Melt-out Till   | 573829                   | 6120060                  | 23004     | 2265257 | Ethos Gold Corp. | 532.95          | 3      | JR-JB   | 2021-07-05T15:11:35Z | Regional    | Helicopter | Hand shovel     | Hole          | 14             | 6                        | 0          |
| 142620058     | Melt-out Till   | 572316                   | 6118868                  | 23004     | 2568350 | Ethos Gold Corp. | 487.7           | 2      | JT-JB   | 2021-07-05T14:23:34Z | Regional    | Helicopter | Hand shovel     | Hole          | 10             | 10                       | 0          |

| Sample number | Ah thickness (cm) | Ah (%) | Ae thickness (cm) | Ae (%) | Bhf thickness (cm) | B thickness (cm) | B (%) | B color     | C thickness (cm) | C (%) | C color  | Humidity | Compacity               | C Blocs pebbles (%) | C Gravel (%) | C Sand (%) | C Silt (%) | C Clay (%) | Roundness pebbles     | Lithology pebbles | Condition |
|---------------|-------------------|--------|-------------------|--------|--------------------|------------------|-------|-------------|------------------|-------|----------|----------|-------------------------|---------------------|--------------|------------|------------|------------|-----------------------|-------------------|-----------|
| 142620056     | 2                 | 0      | 4                 | 0      | 0                  | 5                | 0     | 10YR 5/6    | 25               | 100   | 10YR 3/6 | Dry      | Little compact to loose | 10                  | 15           | 73         | 2          | 0          | Subrounded rounded    |                   | Brut      |
| 142620058     | 3                 | 0      | 2                 | 0      | 0                  | 17               | 5     | 7.5YR 2.5/3 | 28               | 95    | 2.5Y 5/4 | Wet      | Little compact          | 3                   | 12           | 77         | 7          | 1          | Subangular subrounded |                   | Brut      |

| Sample number | Outcrop lithology | Outcrop (%) | Boulder (%) | Ice structure | Orientation | Ice morphology | Fluvio morphology | Forest cover | Drainage    | Sampled under | Slope | Slope situation | Slope shape | Slope side | Comments                                             |
|---------------|-------------------|-------------|-------------|---------------|-------------|----------------|-------------------|--------------|-------------|---------------|-------|-----------------|-------------|------------|------------------------------------------------------|
| 142620056     |                   | 2           |             |               | 0           |                |                   | Low          | Excellent   | Lichen        | 6     | Mid Slope       | Regular     | Top        |                                                      |
| 142620058     |                   | 0           |             |               | 0           |                |                   | Medium       | Really good | Lichen        | 0     | Mid Slope       | Regular     | Medium     | Collected 50m from river. Water is filling the hole. |

|         | Sampling        | Primary Wet Sieving |                |                 |                     |                | Grain size    |              |                     | Dry weights from wet sieving fractions |                 | Concentration of gold grains (fluidized bed) |                        | ARTPhot / ARTGold™   |                          |                             |                             |
|---------|-----------------|---------------------|----------------|-----------------|---------------------|----------------|---------------|--------------|---------------------|----------------------------------------|-----------------|----------------------------------------------|------------------------|----------------------|--------------------------|-----------------------------|-----------------------------|
| Project | Till sample ID  | Initial Weight      | Pebbles > 4 mm | Pebbles 1- 4 mm | Sand and Silt < 1mm | Witness Sample | Pebbles > 4mm | Grits 1-4 mm | Sand and Silt < 1mm | Pebbles > 4 mm                         | Pebbles 1- 4 mm | Initial Weight (wet)                         | Remaining (wet reject) | ARTGold™ concentrate | ARTGold™ concentrate mag | ARTGold™ concentrate no-mag | ARTGold™ second concentrate |
|         | Nb. samples: 57 | (kg)                | (kg)           | (kg)            | (kg wet)            | (g)            | %             | %            | %                   | (kg)                                   | (kg)            | (g)                                          | (g)                    | g.                   | g.                       | g.                          | g.                          |
| 1426    | 142620001       | 10,621              | 1,768          | 1,110           | 7,046               | 300            | 16,6%         | 10,5%        | 72,9%               | 1,717                                  | 1,025           | 6883,0                                       | 6248,0                 | 0,1464               | 0,0564                   | 0,0903                      | 0,1630                      |
| 1426    | 142620002       | 12,250              | 1,865          | 1,150           | 7,934               | 300            | 15,2%         | 9,4%         | 75,4%               | 1,807                                  | 1,061           | 7618,0                                       | 6950,0                 | 0,2065               | 0,0433                   | 0,1631                      | 0,0416                      |
| 1426    | 142620003       | 12,458              | 2,174          | 1,202           | 8,107               | 300            | 17,5%         | 9,6%         | 72,9%               | 2,112                                  | 1,098           | 7637,0                                       | 6678,0                 | 0,1938               | 0,0707                   | 0,1232                      | 0,0312                      |
| 1426    | 142620004       | 10,783              | 1,531          | 1,249           | 7,299               | 300            | 14,2%         | 11,6%        | 74,2%               | 1,465                                  | 1,145           | 6921,0                                       | 6320,0                 | 0,1564               | 0,0733                   | 0,0824                      | 0,0400                      |
| 1426    | 142620005       | 17,521              | 1,686          | 1,942           | 12,320              | 300            | 9,6%          | 11,1%        | 79,3%               | 1,619                                  | 1,785           | 12024,0                                      | 10517,0                | 0,1738               | 0,0624                   | 0,1104                      | 0,0148                      |
| 1426    | 142620006       | 17,596              | 2,599          | 1,762           | 12,073              | 300            | 14,8%         | 10,0%        | 75,2%               | 2,510                                  | 1,627           | 11619,0                                      | 10091,0                | 0,1168               | 0,0424                   | 0,0749                      | 0,0350                      |
| 1426    | 142620007       | 19,138              | 3,403          | 2,254           | 12,335              | 300            | 17,8%         | 11,8%        | 70,4%               | 3,295                                  | 2,079           | 11961,0                                      | 10624,0                | 0,1191               | 0,0453                   | 0,0746                      | 0,0344                      |
| 1426    | 142620008       | 9,887               | 1,952          | 1,126           | 6,201               | 300            | 19,7%         | 11,4%        | 68,9%               | 1,891                                  | 1,013           |                                              | 9091,5                 | 0,2532               | 0,0917                   | 0,1623                      | 0,0746                      |
| 1426    | 142620009       | 7,017               | 2,595          | 0,771           | 3,084               | 300            | 37,0%         | 11,0%        | 52,0%               | 2,517                                  | 0,699           | 2891,7                                       | 2617,6                 | 0,2024               | 0,0848                   | 0,1179                      | 0,0273                      |
| 1426    | 142620010       | 20,026              | 2,736          | 2,240           | 13,592              | 300            | 13,7%         | 11,2%        | 75,2%               | 2,650                                  | 2,090           | 13255,0                                      | 11865,0                | 0,0915               | 0,0291                   | 0,0638                      | 0,0202                      |
| 1426    | 142620011       | 8,471               | 1,530          | 1,103           | 5,740               | 300            | 18,1%         | 13,0%        | 68,9%               | 1,472                                  | 1,012           | 5528,0                                       | 4965,0                 | 0,0871               | 0,0293                   | 0,0569                      | 0,0594                      |
| 1426    | 142620012       | 18,676              | 2,996          | 2,243           | 12,164              | 300            | 16,0%         | 12,0%        | 71,9%               | 2,892                                  | 2,084           | 11716,0                                      | 10649,0                | 0,1441               | 0,0494                   | 0,0941                      | 0,0923                      |
| 1426    | 142620013       | 10,768              | 1,493          | 1,102           | 7,344               | 300            | 13,9%         | 10,2%        | 75,9%               | 1,444                                  | 1,010           | 7003,0                                       | 5885,0                 | 0,1278               | 0,0617                   | 0,0650                      | 0,0254                      |
| 1426    | 142620014       | 14,721              | 0,016          | 0,060           | 13,996              | 300            | 0,1%          | 0,4%         | 99,5%               | 0,011                                  | 0,043           | 13245,0                                      | 12611,0                | 0,1621               | 0,0482                   | 0,1116                      | 0,0058                      |
| 1426    | 142620015       | 13,946              | 1,635          | 1,499           | 9,778               | 300            | 11,7%         | 10,7%        | 77,5%               | 1,586                                  | 1,379           | 9528,0                                       | 8269,0                 | 0,1260               | 0,0322                   | 0,0929                      | 0,0317                      |
| 1426    | 142620016       | 15,098              | 1,994          | 1,925           | 10,626              | 300            | 13,2%         | 12,8%        | 74,0%               | 1,922                                  | 1,786           | 10336,0                                      | 9397,0                 | 0,1162               | 0,0394                   | 0,0758                      | 0,0213                      |
| 1426    | 142620017       | 15,203              | 2,354          | 6,400           | 6,740               | 300            | 15,5%         | 42,1%        | 42,4%               | 2,259                                  | 5,804           | 6445,0                                       | 6000,0                 | 0,1606               | 0,0406                   | 0,1183                      | 0,0173                      |
| 1426    | 142620018       | 15,170              | 1,220          | 1,884           | 11,341              | 300            | 8,0%          | 12,4%        | 79,5%               | 1,170                                  | 1,749           | 10881,0                                      | 9664,0                 | 0,0823               | 0,0393                   | 0,0423                      | 0,0129                      |
| 1426    | 142620019       | 7,663               | 1,012          | 0,836           | 5,306               | 300            | 13,2%         | 10,9%        | 75,9%               | 0,977                                  | 0,764           | 5074,0                                       | 4831,0                 | 0,1000               | 0,0519                   | 0,0465                      | 0,0626                      |
| 1426    | 142620020       | 7,337               | 0,944          | 0,800           | 5,170               | 300            | 12,9%         | 10,9%        | 76,2%               | 0,906                                  | 0,732           | 4966,0                                       | 4714,0                 | 0,1237               | 0,0189                   | 0,1044                      | 0,0274                      |
| 1426    | 142620021       | 14,650              | 2,392          | 1,732           | 9,761               | 300            | 16,3%         | 11,8%        | 71,8%               | 2,315                                  | 1,603           | 9843,0                                       | 8579,0                 | 0,0625               | 0,0291                   | 0,0341                      | 0,0221                      |
| 1426    | 142620022       | 10,886              | 1,809          | 1,133           | 7,065               | 300            | 16,6%         | 10,4%        | 73,0%               | 1,735                                  | 1,017           | 6775,0                                       | 6626,0                 | 0,1618               | 0,0607                   | 0,1006                      | 0,0358                      |
| 1426    | 142620023       | 24,048              | 6,254          | 7,232           | 11,542              | 300            | 26,0%         | 30,1%        | 43,9%               | 5,995                                  | 6,624           | 10980,0                                      | 11361,0                | 0,0937               | 0,0446                   | 0,0489                      | 0,1049                      |
| 1426    | 142620024       | 13,556              | 3,553          | 2,608           | 7,587               | 300            | 26,2%         | 19,2%        | 54,6%               | 3,426                                  | 2,461           | 7260,0                                       | 7706,0                 | 0,1095               | 0,0461                   | 0,0627                      | 0,0386                      |
| 1426    | 142620025       | 14,490              | 2,981          | 2,562           | 8,855               | 300            | 20,6%         | 17,7%        | 61,7%               | 2,890                                  | 2,391           | 8682,0                                       | 9131,0                 | 0,0885               | 0,0382                   | 0,0498                      | 0,0437                      |
| 1426    | 142620026       | 15,166              | 2,956          | 2,186           | 9,754               | 300            | 19,5%         | 14,4%        | 66,1%               | 2,855                                  | 2,035           | 9472,0                                       | 8577,0                 | 0,1093               | 0,0416                   | 0,0672                      | 0,0334                      |
| 1426    | 142620027       | 15,414              | 3,416          | 3,169           | 7,713               | 300            | 22,2%         | 20,6%        | 57,3%               | 3,296                                  | 2,954           | 7424,0                                       | 7441,0                 | 0,1293               | 0,0389                   | 0,0902                      | 0,0481                      |
| 1426    | 142620028       | 15,035              | 6,056          | 1,470           | 7,160               | 300            | 40,3%         | 9,8%         | 49,9%               | 5,877                                  | 1,351           | 7006,0                                       | 6055,0                 | 0,1460               | 0,0710                   | 0,0726                      | 0,0221                      |
| 1426    | 142620029       | 14,202              | 1,851          | 1,619           | 9,879               | 300            | 13,0%         | 11,4%        | 75,6%               | 1,786                                  | 1,495           | 9534,0                                       | 8861,0                 | 0,0920               | 0,0631                   | 0,0286                      | 0,2364                      |
| 1426    | 142620030       | 15,151              | 2,014          | 1,928           | 10,415              | 300            | 13,3%         | 12,7%        | 74,0%               | 1,940                                  | 1,792           | 9929,0                                       | 9213,0                 | 0,1019               | 0,0458                   | 0,0542                      | 0,0185                      |
| 1426    | 142620031       | 19,351              | 3,363          | 1,877           | 13,035              | 300            | 17,4%         | 9,7%         | 72,9%               | 3,252                                  | 1,730           | 13159,0                                      | 11905,0                | 0,2627               | 0,0928                   | 0,1678                      | 0,0468                      |
| 1426    | 142620032       | 14,357              | 1,472          | 1,891           | 10,297              | 300            | 10,3%         | 13,2%        | 76,6%               | 1,405                                  | 1,455           | 9850,0                                       | 8306,0                 | 0,1072               | 0,0609                   | 0,0460                      | 0,0285                      |
| 1426    | 142620033       | 15,650              | 2,266          | 5,937           | 8,980               | 300            | 14,5%         | 37,9%        | 47,6%               | 2,171                                  | 5,547           | 8987,0                                       | 8952,0                 | 0,1886               | 0,0208                   | 0,1472                      | 0,0388                      |
| 1426    | 142620034       | 17,627              | 4,867          | 2,574           | 9,944               | 300            | 27,6%         | 14,6%        | 57,8%               | 4,688                                  | 2,406           | 9545,0                                       | 8587,0                 | 0,3322               | 0,0484                   | 0,2822                      | 0,1760                      |
| 1426    | 142620035       | 17,721              | 4,085          | 2,468           | 10,554              | 300            | 23,1%         | 13,9%        | 63,0%               | 3,926                                  | 2,299           | 10221,0                                      | 9119,0                 | 0,1443               | 0,0490                   | 0,0942                      | 0,0104                      |
| 1426    | 142620036       | 12,063              | 2,163          | 1,739           | 7,763               | 300            | 17,9%         | 14,4%        | 67,7%               | 2,076                                  | 1,597           | 7529,0                                       | 7046,0                 | 0,1264               | 0,0383                   | 0,0872                      | 0,0325                      |
| 1426    | 142620037       | 11,166              | 2,776          | 2,355           | 6,143               | 300            | 24,9%         | 21,1%        | 54,0%               | 2,631                                  | 2,171           | 5837,0                                       | 5509,0                 | 0,0888               | 0,0392                   | 0,0482                      | 0,0366                      |
| 1426    | 142620038       | 8,259               | 1,577          | 1,195           | 5,540               | 300            | 19,1%         | 14,5%        | 66,4%               | 1,510                                  | 1,087           | 5262,0                                       | 4824,0                 | 0,1167               | 0,0730                   | 0,0433                      | 0,0350                      |
| 1426    | 142620039       | 11,979              | 3,511          | 2,058           | 6,155               | 300            | 29,3%         | 17,2%        | 53,5%               | 3,407                                  | 1,904           | 5939,0                                       | 5825,0                 | 0,0829               | 0,0133                   | 0,0680                      | 0,0274                      |

| Sampling        |                              | Sieving, ARTPhot / ARTGold™                          |                                     |                                                | Mass balance        |                          | NOTES AND GENERAL COMMENTS                                                                                                       |
|-----------------|------------------------------|------------------------------------------------------|-------------------------------------|------------------------------------------------|---------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Till sample ID  | ARTGold™ diluted concentrate | Initial weight concentrate ARTGold™ no-mag 0-1000 µm | ARTGold™ concentrate no-mag > 50 µm | ARTGold™ concentrate no-mag < 50 µm calculated | Wet Seiving         | Weighted/ calculated mud |                                                                                                                                  |
| Nb. samples: 57 | g.                           | g.                                                   | g.                                  | g.                                             | +: Gains; -: Losses |                          |                                                                                                                                  |
| 142620001       | 1,3360                       | 0,0860                                               | 0,0609                              | 0,0251                                         | -0,56               | 0,92                     |                                                                                                                                  |
| 142620002       | 0,6120                       | 0,1583                                               | 0,1391                              | 0,0192                                         | -1,32               | 0,85                     |                                                                                                                                  |
| 142620003       | 0,6106                       | 0,1169                                               | 0,0926                              | 0,0243                                         | -1,15               | 0,87                     |                                                                                                                                  |
| 142620004       | 0,4629                       | 0,0743                                               | 0,0556                              | 0,0187                                         | -0,78               | 0,90                     |                                                                                                                                  |
| 142620005       | 0,3100                       | 0,1056                                               | 0,0472                              | 0,0584                                         | -1,57               | 0,88                     | T.H.: Erreur sur poids initial, copié le poids pris à la réception. ART.: Perte de matériel > 50 µm avant la pesée, bilan élevé. |
| 142620006       | 0,3475                       | 0,0693                                               | 0,0599                              | 0,0094                                         | -1,32               | 0,90                     |                                                                                                                                  |
| 142620007       | 0,7484                       | 0,0691                                               | 0,0508                              | 0,0183                                         | -1,22               | 0,91                     |                                                                                                                                  |
| 142620008       | 0,6032                       | 0,1543                                               | 0,0739                              | 0,0804                                         | -0,31               | 0,95                     | C.: Oublié le poid initial.                                                                                                      |
| 142620009       | 0,2868                       | 0,1139                                               | 0,0647                              | 0,0492                                         | -0,46               | 0,86                     |                                                                                                                                  |
| 142620010       | 0,5108                       | 0,0588                                               | 0,0439                              | 0,0149                                         | -1,50               | 0,90                     | C.: Agglomérations argileuse.                                                                                                    |
| 142620011       | 1,3882                       | 0,0517                                               | 0,0432                              | 0,0085                                         | -0,01               | 1,00                     | C.: Petites agglomérations argileuse sur le début.                                                                               |
| 142620012       | 1,4221                       | 0,0895                                               | 0,0689                              | 0,0206                                         | -1,42               | 0,89                     | C.: Agglomérations argileuse.                                                                                                    |
| 142620013       | 0,2927                       | 0,0602                                               | 0,0300                              | 0,0302                                         | -0,87               | 0,89                     | C.: Agglomérations, argile.                                                                                                      |
| 142620014       | 0,0857                       | 0,1023                                               | 0,0438                              | 0,0585                                         | -1,10               | 0,92                     | C.: Agglomérations, martelé.                                                                                                     |
| 142620015       | 0,0726                       | 0,0873                                               | 0,0684                              | 0,0189                                         | -0,98               | 0,91                     |                                                                                                                                  |
| 142620016       | 0,5851                       | 0,0688                                               | 0,0474                              | 0,0214                                         | -0,54               | 0,95                     | T.H.: Erreur sur poids initial, copié le poids pris à la réception.                                                              |
| 142620017       | 0,2938                       | 0,1126                                               | 0,0661                              | 0,0465                                         | 0,30                | 1,05                     | ART.: Mal essuyer le tamis, un peu d'eau sur le matériel. C.: Agglomérations, sableux.                                           |
| 142620018       | 0,2637                       | 0,0369                                               | 0,0190                              | 0,0179                                         | -0,88               | 0,92                     | C.: Agglomérations, silt, argile, martelé.                                                                                       |
| 142620019       | 1,3130                       | 0,0415                                               | 0,0249                              | 0,0166                                         | -0,44               | 0,92                     |                                                                                                                                  |
| 142620020       | 0,4426                       | 0,0988                                               | 0,0826                              | 0,0162                                         | -0,33               | 0,94                     |                                                                                                                                  |
| 142620021       | 0,3061                       | 0,0266                                               | 0,0084                              | 0,0182                                         | -0,38               | 0,96                     | C.: Silt, agglomérations, argile. Erreur possible sur le poids initial.                                                          |
| 142620022       | 0,7164                       | 0,0972                                               | 0,0776                              | 0,0196                                         | -0,87               | 0,89                     |                                                                                                                                  |
| 142620023       | 0,7825                       | 0,0455                                               | 0,0320                              | 0,0135                                         | 0,72                | 1,07                     | C.: Très sableux. T.T.: Matériel grossier.                                                                                       |
| 142620024       | 0,7086                       | 0,0594                                               | 0,0459                              | 0,0135                                         | 0,17                | 1,02                     | C.: Sableux.                                                                                                                     |
| 142620025       | 1,1307                       | 0,0467                                               | 0,0312                              | 0,0155                                         | 0,03                | 1,00                     | C.: Très sableux, fluide.                                                                                                        |
| 142620026       | 0,4167                       | 0,0612                                               | 0,0502                              | 0,0110                                         | -0,25               | 0,97                     |                                                                                                                                  |
| 142620027       | 1,1470                       | 0,0872                                               | 0,0743                              | 0,0129                                         | -1,11               | 0,87                     | C.: Sableux, brun foncé.                                                                                                         |
| 142620028       | 0,6875                       | 0,0677                                               | 0,0361                              | 0,0316                                         | -0,20               | 0,97                     | C.: Lessivage difficile.                                                                                                         |
| 142620029       | 1,6694                       | 0,0261                                               | 0,0146                              | 0,0115                                         | -0,90               | 0,91                     |                                                                                                                                  |
| 142620030       | 0,2692                       | 0,0492                                               | 0,0276                              | 0,0216                                         | -0,98               | 0,91                     |                                                                                                                                  |
| 142620031       | 0,2148                       | 0,1632                                               | 0,1111                              | 0,0521                                         | -0,65               | 0,95                     | T.H.: Erreur sur poids initial, copié le poids pris à la réception. C.: Beaucoup de grains grossiers.                            |
| 142620032       | 0,3408                       | 0,0407                                               | 0,0326                              | 0,0081                                         | -0,84               | 0,92                     |                                                                                                                                  |
| 142620033       | 0,3074                       | 0,1426                                               | 0,1021                              | 0,0405                                         | 1,84                | 1,26                     | ART.: Perte de mag sur la table. C.: Sableux. T.T.: Matériel grossier.                                                           |
| 142620034       | 0,1336                       | 0,2731                                               | 0,2043                              | 0,0688                                         | -0,34               | 0,97                     |                                                                                                                                  |
| 142620035       | 0,2692                       | 0,0901                                               | 0,0507                              | 0,0394                                         | -0,65               | 0,94                     |                                                                                                                                  |
| 142620036       | 1,0483                       | 0,0818                                               | 0,0640                              | 0,0178                                         | -0,33               | 0,96                     |                                                                                                                                  |
| 142620037       | 0,6864                       | 0,0451                                               | 0,0335                              | 0,0116                                         | 0,10                | 1,02                     | C.: Grains reste pris dans les stries, dur à pipeter. T.T.: Matériel grossier.                                                   |
| 142620038       | 0,6011                       | 0,0414                                               | 0,0330                              | 0,0084                                         | 0,07                | 1,01                     | C.: Grains 1-20 grossiers et angulaires.                                                                                         |
| 142620039       | 0,2842                       | 0,0644                                               | 0,0516                              | 0,0128                                         | -0,17               | 0,97                     |                                                                                                                                  |



|         | Sampling        | Primary Wet Sieving |                |                 |                     |                | Grain size    |              |                     | Dry weights from wet sieving fractions |                 | Concentration of gold grains (fluidized bed) |                        | ARTPhot / ARTGold™   |                          |                             |                             |
|---------|-----------------|---------------------|----------------|-----------------|---------------------|----------------|---------------|--------------|---------------------|----------------------------------------|-----------------|----------------------------------------------|------------------------|----------------------|--------------------------|-----------------------------|-----------------------------|
| Project | Till sample ID  | Initial Weight      | Pebbles > 4 mm | Pebbles 1- 4 mm | Sand and Silt < 1mm | Witness Sample | Pebbles > 4mm | Grits 1-4 mm | Sand and Silt < 1mm | Pebbles > 4 mm                         | Pebbles 1- 4 mm | Initial Weight (wet)                         | Remaining (wet reject) | ARTGold™ concentrate | ARTGold™ concentrate mag | ARTGold™ concentrate no-mag | ARTGold™ second concentrate |
|         | Nb. samples: 57 | (kg)                | (kg)           | (kg)            | (kg wet)            | (g)            | %             | %            | %                   | (kg)                                   | (kg)            | (g)                                          | (g)                    | g.                   | g.                       | g.                          | g.                          |
| 1426    | 142620040       | 9,102               | 1,598          | 1,143           | 5,938               | 300            | 17,6%         | 12,6%        | 69,9%               | 1,524                                  | 1,043           | 5433,0                                       | 4763,0                 | 0,1706               | 0,0494                   | 0,1192                      | 0,0575                      |
| 1426    | 142620041       | 8,644               | 1,802          | 1,171           | 5,532               | 300            | 20,8%         | 13,5%        | 65,6%               | 1,727                                  | 1,070           | 5393,0                                       | 4970,0                 | 0,0792               | 0,0272                   | 0,0510                      | 0,0842                      |
| 1426    | 142620042       | 11,114              | 2,381          | 1,550           | 6,494               | 300            | 21,4%         | 13,9%        | 64,6%               | 2,288                                  | 1,419           | 6318,0                                       | 5735,0                 | 0,1610               | 0,0544                   | 0,1046                      | 0,0202                      |
| 1426    | 142620043       | 11,760              | 2,537          | 1,521           | 7,471               | 300            | 21,6%         | 12,9%        | 65,5%               | 2,439                                  | 1,390           | 7260,0                                       | 6543,0                 | 0,1084               | 0,0549                   | 0,0529                      | 0,0390                      |
| 1426    | 142620044       | 10,566              | 1,895          | 2,142           | 5,773               | 300            | 17,9%         | 20,3%        | 61,8%               | 1,802                                  | 1,905           | 5541,0                                       | 5368,0                 | 0,0642               | 0,0251                   | 0,0376                      | 0,0103                      |
| 1426    | 142620045       | 13,022              | 3,288          | 1,670           | 7,328               | 300            | 25,2%         | 12,8%        | 61,9%               | 3,174                                  | 1,534           | 7188,0                                       | 6525,0                 | 0,1717               | 0,0452                   | 0,1255                      | 0,0078                      |
| 1426    | 142620046       | 10,643              | 2,445          | 1,474           | 6,749               | 300            | 23,0%         | 13,8%        | 63,2%               | 2,354                                  | 1,358           | 6355,0                                       | 6155,0                 | 0,1788               | 0,0452                   | 0,1333                      | 0,0244                      |
| 1426    | 142620047       | 8,951               | 1,556          | 1,154           | 6,014               | 300            | 17,4%         | 12,9%        | 69,7%               | 1,495                                  | 1,053           | 5530,0                                       | 5308,0                 | 0,1005               | 0,0253                   | 0,0739                      | 0,0499                      |
| 1426    | 142620048       | 10,369              | 0,894          | 1,066           | 7,808               | 300            | 8,6%          | 10,3%        | 81,1%               | 0,861                                  | 0,967           | 7585,0                                       | 7083,0                 |                      | 0,0530                   | 0,0799                      | 0,0370                      |
| 1426    | 142620049       | 11,856              | 1,693          | 1,283           | 8,667               | 300            | 14,3%         | 10,8%        | 74,9%               | 1,636                                  | 1,179           | 8369,0                                       | 7855,0                 | 0,1135               | 0,0262                   | 0,0868                      | 0,0241                      |
| 1426    | 142620050       | 12,016              | 2,393          | 1,316           | 8,158               | 300            | 19,9%         | 11,0%        | 69,1%               | 2,314                                  | 1,210           | 7922,0                                       | 7135,0                 | 0,1058               | 0,0367                   | 0,0689                      | 0,0352                      |
| 1426    | 142620051       | 10,860              | 0,323          | 0,949           | 8,632               | 300            | 3,0%          | 8,7%         | 88,3%               | 0,305                                  | 0,865           | 8305,0                                       | 7874,0                 | 0,0736               | 0,0340                   | 0,0396                      | 0,0694                      |
| 1426    | 142620052       | 9,729               | 0,467          | 1,423           | 7,457               | 300            | 4,8%          | 14,6%        | 80,6%               | 0,443                                  | 1,315           | 7204,0                                       | 7360,0                 | 0,1004               | 0,0217                   | 0,0782                      | 0,0377                      |
| 1426    | 142620053       | 12,770              | 1,518          | 1,415           | 9,287               | 300            | 11,9%         | 11,1%        | 77,0%               | 1,457                                  | 1,304           | 9676,0                                       | 8728,0                 | 0,1492               | 0,0368                   | 0,1124                      | 0,0165                      |
| 1426    | 142620054       | 12,674              | 1,941          | 1,422           | 8,884               | 300            | 15,3%         | 11,2%        | 73,5%               | 1,869                                  | 1,322           | 8843,0                                       | 7710,0                 | 0,1043               | 0,0231                   | 0,0801                      | 0,0730                      |
| 1426    | 142620055       | 13,303              | 3,424          | 1,964           | 7,530               | 300            | 25,7%         | 14,8%        | 59,5%               | 3,260                                  | 1,819           | 7349,0                                       | 6896,0                 | 0,0841               | 0,0115                   | 0,0716                      | 0,0195                      |
| 1426    | 142620056       | 13,347              | 3,003          | 2,337           | 8,058               | 300            | 22,5%         | 17,5%        | 60,0%               | 2,894                                  | 2,171           | 7778,0                                       | 7294,0                 | 0,1275               | 0,0558                   | 0,0707                      | 0,0208                      |
| 1426    | 142620058       | 11,992              | 2,705          | 1,669           | 6,959               | 300            | 22,6%         | 13,9%        | 63,5%               | 2,623                                  | 1,549           | 6751,0                                       | 7098,0                 | 0,0871               | 0,0248                   | 0,0615                      | 0,0717                      |

| Sampling        |                              | Sieving, ARTPhot / ARTGold™                          |                                     |                                                | Mass balance        |                          | NOTES AND GENERAL COMMENTS                                                     |
|-----------------|------------------------------|------------------------------------------------------|-------------------------------------|------------------------------------------------|---------------------|--------------------------|--------------------------------------------------------------------------------|
| Till sample ID  | ARTGold™ diluted concentrate | Initial weight concentrate ARTGold™ no-mag 0-1000 µm | ARTGold™ concentrate no-mag > 50 µm | ARTGold™ concentrate no-mag < 50 µm calculated | Wet Seiving         | Weighted/ calculated mud |                                                                                |
| Nb. samples: 57 | g.                           | g.                                                   | g.                                  | g.                                             | +: Gains; -: Losses |                          |                                                                                |
| 142620040       | 0,0703                       | 0,1151                                               | 0,0825                              | 0,0326                                         | -0,63               | 0,90                     |                                                                                |
| 142620041       | 1,0131                       | 0,0480                                               | 0,0380                              | 0,0100                                         | 0,02                | 1,00                     |                                                                                |
| 142620042       | 0,7563                       | 0,1000                                               | 0,0790                              | 0,0210                                         | -0,57               | 0,92                     | ART.: Perte de mag.                                                            |
| 142620043       | 1,5817                       | 0,0460                                               | 0,0321                              | 0,0139                                         | -0,14               | 0,98                     |                                                                                |
| 142620044       | 0,2860                       | 0,0336                                               | 0,0185                              | 0,0151                                         | -0,69               | 0,89                     |                                                                                |
| 142620045       | 0,2226                       | 0,1205                                               | 0,0973                              | 0,0232                                         | -0,58               | 0,93                     |                                                                                |
| 142620046       | 0,3908                       | 0,1279                                               | 0,1086                              | 0,0193                                         | -0,07               | 0,99                     |                                                                                |
| 142620047       | 0,1482                       | 0,0680                                               | 0,0534                              | 0,0146                                         | -0,41               | 0,93                     |                                                                                |
| 142620048       | 1,0747                       | 0,0735                                               | 0,0599                              | 0,0136                                         | -0,52               | 0,94                     | ART.: Oublié le poids initial. C.: Légère agglomération d'argile et silt.      |
| 142620049       | 0,2036                       | 0,0798                                               | 0,0502                              | 0,0296                                         | -0,21               | 0,98                     |                                                                                |
| 142620050       | 0,8637                       | 0,0646                                               | 0,0487                              | 0,0159                                         | -0,09               | 0,99                     | T.H.: Petite perte. C.: Argileux sur le dessus.                                |
| 142620051       | 1,1603                       | 0,0359                                               | 0,0284                              | 0,0075                                         | -0,98               | 0,89                     | C.: Silteux.                                                                   |
| 142620052       | 0,9944                       | 0,0755                                               | 0,0597                              | 0,0158                                         | -0,33               | 0,96                     | C.: Sablonneux, fin pas de boue. T.T.: Matériel grossier.                      |
| 142620053       | 0,2187                       | 0,1066                                               | 0,0646                              | 0,0420                                         | 0,14                | 1,01                     |                                                                                |
| 142620054       | 0,3617                       | 0,0766                                               | 0,0594                              | 0,0172                                         | -0,17               | 0,98                     |                                                                                |
| 142620055       | 0,1017                       | 0,0672                                               | 0,0439                              | 0,0233                                         | -0,27               | 0,97                     |                                                                                |
| 142620056       | 0,5475                       | 0,0664                                               | 0,0562                              | 0,0102                                         | 0,07                | 1,01                     | T.H.: Témoin pris mouillé. C.: Sablonneux brun foncé. T.T.: Matériel grossier. |
| 142620058       | 0,9157                       | 0,0569                                               | 0,0430                              | 0,0139                                         | -0,57               | 0,92                     | C.: Sablonneux.                                                                |

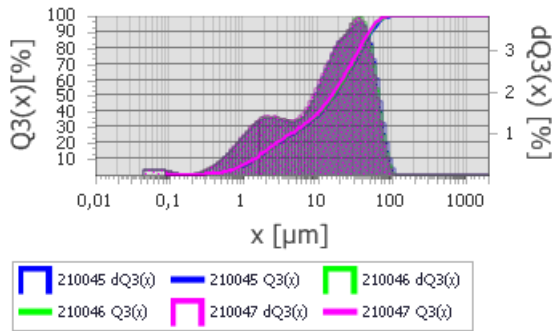
| Sampling        | Dry sieving witnesses |        |                           |                           | Particle size analyzer (witness < 1 mm) |                  |                   |                   |                  |                   |                  |                  |                    |                    |                    |                    |                     |
|-----------------|-----------------------|--------|---------------------------|---------------------------|-----------------------------------------|------------------|-------------------|-------------------|------------------|-------------------|------------------|------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Till sample ID  | Initial Weight        | > 1 mm | Aliquot for size analysis | Remaining material < 1 mm | % Passing (2 µm)                        | % Passing (4 µm) | % Passing (20 µm) | % Passing (38 µm) | % Passing (45µm) | % Passing (63 µm) | % Passing (75µm) | % Passing (90µm) | % Passing (125 µm) | % Passing (150 µm) | % Passing (250 µm) | % Passing (500 µm) | % Passing (1000 µm) |
| Nb. samples: 57 | g.                    | g.     | g.                        | g.                        |                                         | %                | %                 | %                 | %                | %                 | %                | %                | %                  | %                  | %                  | %                  | %                   |
| 142620001       | 264.5                 | 47.8   | 6.1                       | 210.6                     | 14.3                                    | 23.8             | 55.8              | 78.3              | 84.5             | 94.7              | 97.9             | 99.5             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620002       | 253.7                 | 104.2  | 6.0                       | 143.3                     | 13.6                                    | 22.7             | 54.5              | 76.0              | 82.0             | 92.9              | 96.7             | 99.0             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620003       | 245.5                 | 70.8   | 6.3                       | 168.2                     | 10.8                                    | 19.0             | 51.0              | 72.2              | 78.5             | 90.4              | 95.1             | 98.2             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620004       | 273.7                 | 103.4  | 6.1                       | 164.1                     | 13.5                                    | 23.1             | 54.5              | 75.9              | 81.9             | 92.6              | 96.5             | 98.9             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620005       | 266.4                 | 116.1  | 6.0                       | 144.1                     | 12.6                                    | 21.5             | 50.9              | 70.4              | 76.2             | 87.8              | 93.0             | 96.9             | 99.8               | 100.0              | 100.0              | 100.0              | 100                 |
| 142620006       | 268.7                 | 47.5   | 6.1                       | 214.9                     | 11.5                                    | 20.1             | 50.8              | 67.7              | 72.3             | 82.7              | 88.3             | 93.5             | 99.1               | 99.9               | 100.0              | 100.0              | 100                 |
| 142620007       | 253.2                 | 39.2   | 6.3                       | 207.4                     | 11.3                                    | 19.6             | 48.8              | 70.2              | 76.4             | 88.6              | 93.8             | 97.5             | 99.9               | 100.0              | 100.0              | 100.0              | 100                 |
| 142620008       | 255.4                 | 118.4  | 6.0                       | 130.9                     | 10.9                                    | 19.0             | 49.0              | 69.2              | 75.5             | 88.2              | 93.6             | 97.4             | 99.9               | 100.0              | 100.0              | 100.0              | 100                 |
| 142620009       | 266.7                 | 141.0  | 6.0                       | 119.5                     | 11.9                                    | 21.0             | 53.3              | 74.1              | 80.0             | 91.1              | 95.4             | 98.3             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620010       | 259.4                 | 51.9   | 6.0                       | 201.3                     | 12.7                                    | 21.5             | 52.0              | 73.2              | 79.3             | 90.7              | 95.2             | 98.2             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620011       | 273.4                 | 103.9  | 6.2                       | 163.1                     | 16.5                                    | 28.9             | 67.6              | 90.1              | 94.5             | 99.3              | 99.9             | 100.0            | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620012       | 268.5                 | 116.7  | 6.3                       | 145.3                     | 18.5                                    | 30.9             | 73.4              | 95.7              | 98.3             | 100.0             | 100.0            | 100.0            | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620013       | 269.8                 | 83.4   | 6.1                       | 180.2                     | 19.9                                    | 33.2             | 75.3              | 96.4              | 98.7             | 100.0             | 100.0            | 100.0            | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620014       | 257.7                 | 11.0   | 6.3                       | 240.3                     | 15.1                                    | 24.3             | 62.3              | 86.1              | 91.2             | 98.1              | 99.5             | 100.0            | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620015       | 270.7                 | 98.5   | 6.1                       | 165.9                     | 8.7                                     | 14.5             | 36.5              | 52.3              | 56.8             | 66.4              | 71.8             | 77.7             | 88.4               | 93.3               | 99.8               | 100.0              | 100                 |
| 142620016       | 275.8                 | 97.3   | 6.2                       | 172.1                     | 11.8                                    | 20.5             | 48.1              | 63.7              | 68.1             | 77.6              | 82.8             | 88.1             | 96.0               | 98.5               | 100.0              | 100.0              | 100                 |
| 142620017       | 277.6                 | 159.9  | 6.2                       | 111.2                     | 9.5                                     | 16.1             | 46.2              | 58.7              | 61.4             | 68.3              | 73.0             | 78.4             | 87.5               | 90.8               | 95.1               | 99.8               | 100                 |
| 142620018       | 269.0                 | 38.1   | 6.1                       | 224.6                     | 14.4                                    | 24.8             | 53.7              | 71.5              | 76.8             | 87.3              | 92.2             | 96.2             | 99.7               | 100.0              | 100.0              | 100.0              | 100                 |
| 142620019       | 272.6                 | 112.7  | 6.2                       | 153.4                     | 14.8                                    | 24.6             | 58.7              | 82.8              | 88.8             | 97.3              | 99.2             | 99.9             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620020       | 258.6                 | 93.4   | 6.0                       | 159.0                     | 13.1                                    | 22.4             | 54.9              | 75.9              | 81.9             | 92.8              | 96.7             | 99.0             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620021       | 271.3                 | 33.4   | 6.3                       | 231.5                     | 16.6                                    | 29.0             | 67.1              | 87.2              | 91.7             | 98.0              | 99.4             | 99.9             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620022       | 266.6                 | 94.3   | 6.1                       | 166.0                     | 15.0                                    | 27.4             | 68.7              | 90.9              | 95.0             | 99.4              | 99.9             | 100.0            | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620023       | 291.2                 | 173.8  | 10.0                      | 107.2                     | 8.5                                     | 13.8             | 34.2              | 35.5              | 35.5             | 35.5              | 35.5             | 35.5             | 35.5               | 35.5               | 35.5               | 36.8               | 40.2                |
| 142620024       | 279.0                 | 141.5  | 6.3                       | 130.9                     | 3.2                                     | 5.6              | 20.1              | 30.0              | 32.9             | 40.1              | 44.5             | 49.3             | 57.7               | 62.0               | 76.5               | 98.7               | 100                 |
| 142620025       | 271.3                 | 126.2  | 6.2                       | 138.6                     | 1.4                                     | 2.3              | 8.1               | 12.6              | 14.3             | 19.4              | 23.3             | 28.5             | 40.3               | 47.8               | 68.3               | 91.9               | 100                 |
| 142620026       | 261.6                 | 83.9   | 6.0                       | 171.4                     | 7.6                                     | 14.8             | 43.5              | 57.5              | 61.2             | 69.4              | 74.3             | 80.0             | 90.4               | 95.0               | 100.0              | 100.0              | 100                 |
| 142620027       | 264.7                 | 139.0  | 6.1                       | 119.4                     | 10.4                                    | 18.0             | 40.1              | 47.5              | 49.2             | 54.1              | 57.5             | 61.4             | 67.8               | 70.7               | 81.0               | 99.4               | 100                 |
| 142620028       | 263.1                 | 161.0  | 6.1                       | 95.7                      | 5.4                                     | 9.4              | 28.5              | 44.8              | 49.8             | 60.8              | 66.9             | 73.3             | 84.6               | 90.2               | 99.3               | 100.0              | 100                 |
| 142620029       | 265.8                 | 66.0   | 6.2                       | 193.5                     | 11.1                                    | 18.7             | 43.7              | 59.5              | 64.0             | 74.0              | 79.8             | 85.8             | 95.1               | 98.1               | 100.0              | 100.0              | 100                 |
| 142620030       | 269.0                 | 85.6   | 6.0                       | 177.2                     | 11.5                                    | 19.7             | 45.0              | 59.6              | 63.6             | 72.7              | 77.9             | 83.7             | 93.1               | 96.8               | 100.0              | 100.0              | 100                 |
| 142620031       | 249.9                 | 31.3   | 6.1                       | 212.1                     | 11.7                                    | 20.3             | 49.0              | 67.5              | 73.1             | 84.7              | 90.4             | 95.1             | 99.5               | 100.0              | 100.0              | 100.0              | 100                 |
| 142620032       | 255.3                 | 130.2  | 6.3                       | 118.5                     | 9.3                                     | 15.8             | 42.1              | 58.4              | 63.0             | 74.0              | 80.7             | 87.6             | 97.0               | 99.2               | 100.0              | 100.0              | 100                 |
| 142620033       | 297.2                 | 164.0  | 10.0                      | 123.0                     | 7.6                                     | 11.7             | 24.7              | 25.5              | 25.6             | 25.6              | 25.6             | 25.6             | 25.6               | 25.6               | 28.9               | 46.6               | 93.1                |
| 142620034       | 265.0                 | 99.8   | 6.1                       | 158.9                     | 12.4                                    | 21.8             | 56.2              | 75.5              | 80.8             | 91.3              | 95.5             | 98.4             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620035       | 267.2                 | 112.7  | 6.0                       | 148.4                     | 15.4                                    | 27.0             | 61.1              | 81.4              | 86.9             | 95.9              | 98.5             | 99.7             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620036       | 273.8                 | 116.0  | 6.2                       | 151.4                     | 15.2                                    | 26.9             | 60.0              | 80.0              | 85.6             | 95.3              | 98.2             | 99.6             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |

| Sampling        | Dry sieving witnesses |        |                           |                           | Particle size analyzer (witness < 1 mm) |                  |                   |                   |                  |                   |                  |                  |                    |                    |                    |                    |                     |
|-----------------|-----------------------|--------|---------------------------|---------------------------|-----------------------------------------|------------------|-------------------|-------------------|------------------|-------------------|------------------|------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Till sample ID  | Initial Weight        | > 1 mm | Aliquot for size analysis | Remaining material < 1 mm | % Passing (2 µm)                        | % Passing (4 µm) | % Passing (20 µm) | % Passing (38 µm) | % Passing (45µm) | % Passing (63 µm) | % Passing (75µm) | % Passing (90µm) | % Passing (125 µm) | % Passing (150 µm) | % Passing (250 µm) | % Passing (500 µm) | % Passing (1000 µm) |
| Nb. samples: 57 | g.                    | g.     | g.                        | g.                        |                                         | %                | %                 | %                 | %                | %                 | %                | %                | %                  | %                  | %                  | %                  | %                   |
| 142620037       | 271.5                 | 179.1  | 10.0                      | 82.2                      | 9.4                                     | 16.3             | 45.6              | 58.4              | 62.6             | 75.2              | 83.2             | 90.9             | 98.8               | 99.9               | 100.0              | 100.0              | 100                 |
| 142620038       | 265.5                 | 170.2  | 6.4                       | 88.7                      | 9.8                                     | 17.3             | 49.1              | 67.5              | 72.9             | 85.2              | 91.3             | 96.1             | 99.8               | 100.0              | 100.0              | 100.0              | 100                 |
| 142620039       | 280.6                 | 152.3  | 6.0                       | 122.0                     | 10.6                                    | 18.4             | 50.1              | 60.4              | 63.2             | 73.0              | 80.2             | 87.9             | 97.7               | 99.5               | 100.0              | 100.0              | 100                 |
| 142620040       | 260.5                 | 133.3  | 6.0                       | 121.1                     | 13.1                                    | 23.2             | 60.4              | 84.7              | 90.2             | 97.8              | 99.4             | 99.9             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620041       | 278.6                 | 150.0  | 6.0                       | 122.6                     | 13.6                                    | 23.7             | 59.0              | 82.6              | 88.3             | 96.9              | 99.0             | 99.9             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620042       | 270.3                 | 109.2  | 6.0                       | 154.8                     | 16.4                                    | 28.6             | 66.0              | 89.4              | 94.0             | 99.2              | 99.9             | 100.0            | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620043       | 281.3                 | 160.7  | 6.0                       | 114.3                     | 12.5                                    | 22.0             | 56.5              | 78.7              | 84.7             | 94.8              | 97.9             | 99.5             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620044       | 250.4                 | 136.7  | 6.4                       | 107.0                     | 3.5                                     | 6.0              | 19.0              | 24.3              | 25.5             | 29.9              | 33.8             | 39.0             | 49.8               | 56.0               | 74.7               | 98.8               | 100                 |
| 142620045       | 256.3                 | 99.7   | 6.3                       | 150.1                     | 12.6                                    | 23.0             | 51.6              | 65.3              | 69.7             | 80.4              | 86.3             | 91.9             | 98.4               | 99.6               | 100.0              | 100.0              | 100                 |
| 142620046       | 267.9                 | 118.6  | 6.2                       | 142.9                     | 10.8                                    | 19.1             | 46.6              | 63.1              | 67.5             | 77.2              | 82.8             | 88.7             | 96.9               | 99.1               | 100.0              | 100.0              | 100                 |
| 142620047       | 263.8                 | 108.5  | 6.2                       | 149.0                     | 12.5                                    | 22.1             | 51.1              | 70.7              | 77.0             | 89.5              | 94.6             | 98.0             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620048       | 269.0                 | 72.9   | 6.1                       | 189.7                     | 18.6                                    | 29.9             | 60.2              | 77.5              | 82.5             | 92.2              | 96.1             | 98.6             | 100.0              | 100.0              | 100.0              | 100.0              | 100                 |
| 142620049       | 273.5                 | 96.3   | 6.2                       | 170.9                     | 12.4                                    | 20.5             | 49.8              | 69.3              | 74.9             | 86.7              | 92.1             | 96.4             | 99.8               | 100.0              | 100.0              | 100.0              | 100                 |
| 142620050       | 269.7                 | 78.7   | 6.2                       | 184.7                     | 13.7                                    | 23.2             | 53.9              | 70.2              | 75.0             | 85.9              | 91.5             | 96.1             | 99.8               | 100.0              | 100.0              | 100.0              | 100                 |
| 142620051       | 256.6                 | 93.0   | 6.1                       | 157.3                     | 13.0                                    | 20.9             | 48.9              | 67.8              | 73.7             | 86.5              | 92.3             | 96.7             | 99.9               | 100.0              | 100.0              | 100.0              | 100                 |
| 142620052       | 263.1                 | 62.5   | 10.1                      | 190.4                     | 4.3                                     | 7.4              | 20.8              | 24.6              | 25.1             | 27.3              | 29.6             | 32.7             | 39.4               | 43.0               | 53.8               | 79.9               | 99.9                |
| 142620053       | 262.1                 | 91.6   | 6.1                       | 164.4                     | 8.4                                     | 13.6             | 35.5              | 49.2              | 53.4             | 63.0              | 68.4             | 74.2             | 84.1               | 89.2               | 98.8               | 100.0              | 100                 |
| 142620054       | 271.9                 | 90.7   | 6.2                       | 174.9                     | 11.7                                    | 19.2             | 43.1              | 59.6              | 64.5             | 74.8              | 80.2             | 85.7             | 93.9               | 97.0               | 100.0              | 100.0              | 100                 |
| 142620055       | 262.5                 | 124.5  | 6.1                       | 131.6                     | 2.6                                     | 4.4              | 16.9              | 25.4              | 28.0             | 34.8              | 39.5             | 45.1             | 55.9               | 61.6               | 77.4               | 98.0               | 100                 |
| 142620056       | 266.0                 | 132.6  | 10.2                      | 123.0                     | 4.9                                     | 8.4              | 24.6              | 32.4              | 34.4             | 40.0              | 44.1             | 49.0             | 58.3               | 62.9               | 74.9               | 97.1               | 100                 |
| 142620058       | 274.7                 | 146.9  | 6.0                       | 121.6                     | 4.0                                     | 6.8              | 21.2              | 25.5              | 26.1             | 29.6              | 33.1             | 38.0             | 48.4               | 54.2               | 72.2               | 98.2               | 100                 |

# IOS Services Géoscientifiques inc.

## Project 2021-1426

No d'échantillon: 142620001 Traité par:

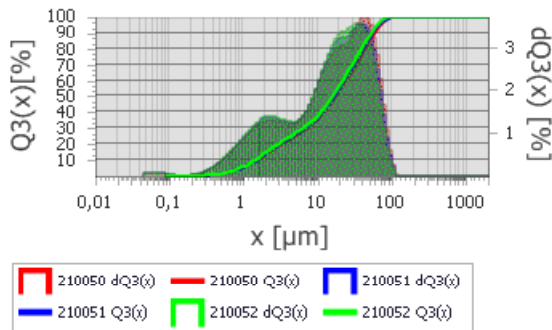


Isabelle (1) Date: 2021-10-06

| x[µm] | Q3(x)[%] | CV[%] | M210045 | M210046 | M210047 |
|-------|----------|-------|---------|---------|---------|
| 2     | 14.3     | 1.8   | 14      | 14.4    | 14.6    |
| 4     | 23.8     | 1.9   | 23.2    | 24      | 24.3    |
| 20    | 55.8     | 1.8   | 54.7    | 55.4    | 57.2    |
| 38    | 78.3     | 1.5   | 76.9    | 78.1    | 79.8    |
| 45    | 84.5     | 1.4   | 83.1    | 84.4    | 85.9    |
| 63    | 94.7     | 0.9   | 93.7    | 94.8    | 95.7    |
| 75    | 97.9     | 0.5   | 97.2    | 98      | 98.4    |
| 90    | 99.5     | 0.2   | 99.2    | 99.6    | 99.7    |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.060173672 |

No d'échantillon: 142620002 Traité par:

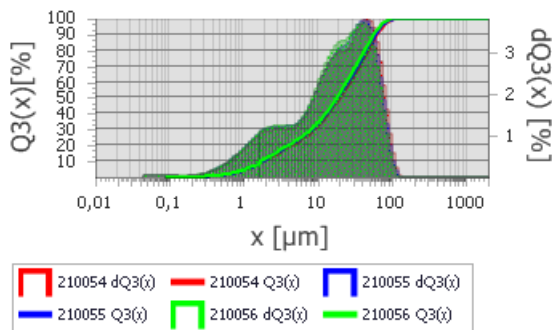


Isabelle (2) Date: 2021-10-06

| x[µm] | Q3(x)[%] | CV[%] | M210050 | M210051 | M210052 |
|-------|----------|-------|---------|---------|---------|
| 2     | 13.6     | 3.2   | 13.1    | 13.6    | 14.2    |
| 4     | 22.7     | 2.9   | 21.9    | 22.7    | 23.5    |
| 20    | 54.5     | 2.3   | 53      | 54.6    | 56      |
| 38    | 76       | 2.5   | 73.7    | 76      | 78.3    |
| 45    | 82       | 2.1   | 79.9    | 82      | 84.1    |
| 63    | 92.9     | 1.1   | 91.6    | 92.8    | 94.2    |
| 75    | 96.7     | 0.6   | 96.1    | 96.7    | 97.5    |
| 90    | 99       | 0.2   | 98.8    | 99      | 99.3    |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.056789998 |

No d'échantillon: 142620003 Traité par:



Isabelle (2) Date: 2021-10-06

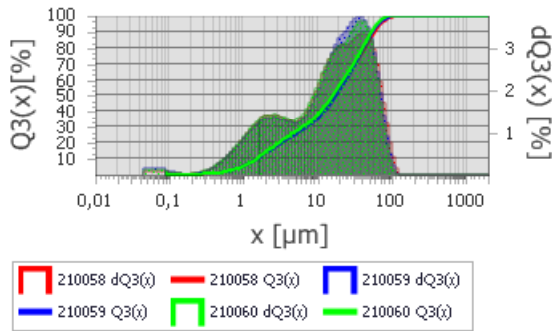
| x[µm] | Q3(x)[%] | CV[%] | M210054 | M210055 | M210056 |
|-------|----------|-------|---------|---------|---------|
| 2     | 10.8     | 2.8   | 10.4    | 10.9    | 11.2    |
| 4     | 19       | 2.8   | 18.3    | 19.2    | 19.5    |
| 20    | 51       | 2.4   | 49.5    | 50.9    | 52.5    |
| 38    | 72.2     | 2.5   | 70      | 72.3    | 74.4    |
| 45    | 78.5     | 2.3   | 76.3    | 78.6    | 80.6    |
| 63    | 90.4     | 1.5   | 88.7    | 90.6    | 92      |
| 75    | 95.1     | 1     | 93.9    | 95.2    | 96.2    |
| 90    | 98.2     | 0.5   | 97.6    | 98.3    | 98.8    |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.059934091 |

# IOS Services Géoscientifiques inc.

## Project 2021-1426

No d'échantillon: 142620004 Traité par:



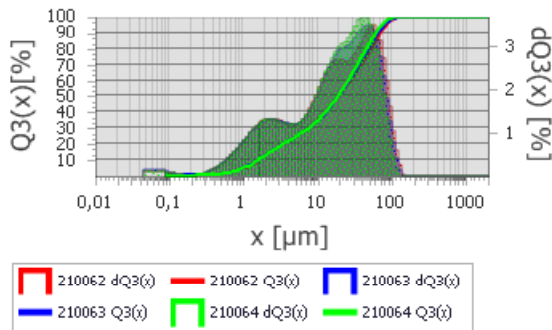
Isabelle (2) Date: 2021-10-06

| x[μm] | Q3(x)[%] | CV[%] | M210058 | M210059 | M210060 |
|-------|----------|-------|---------|---------|---------|
| 2     | 13.5     | 2.3   | 13.6    | 13.2    | 13.9    |
| 4     | 23.1     | 2.3   | 23.2    | 22.4    | 23.7    |
| 20    | 54.5     | 2.2   | 54.7    | 53      | 55.8    |
| 38    | 75.9     | 1.2   | 74.9    | 75.7    | 77.1    |
| 45    | 81.9     | 1.3   | 80.6    | 81.9    | 83.2    |
| 63    | 92.6     | 1.2   | 91.2    | 92.8    | 93.9    |
| 75    | 96.5     | 0.8   | 95.4    | 96.7    | 97.4    |
| 90    | 98.9     | 0.4   | 98.3    | 99      | 99.3    |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.059990376 |

No d'échantillon: 142620005 Traité par:



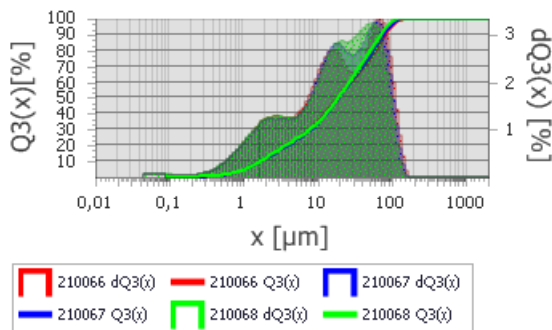
Isabelle (2) Date: 2021-10-06

| x[μm] | Q3(x)[%] | CV[%] | M210062 | M210063 | M210064 |
|-------|----------|-------|---------|---------|---------|
| 2     | 12.6     | 0.2   | 12.6    | 12.7    | 12.7    |
| 4     | 21.5     | 0.1   | 21.5    | 21.5    | 21.5    |
| 20    | 50.9     | 0.5   | 50.7    | 50.7    | 51.2    |
| 38    | 70.4     | 2.2   | 68.5    | 70.5    | 72.3    |
| 45    | 76.2     | 2.5   | 73.8    | 76.2    | 78.5    |
| 63    | 87.8     | 2.3   | 85.4    | 87.8    | 90.3    |
| 75    | 93       | 1.7   | 91.1    | 92.9    | 94.9    |
| 90    | 96.9     | 1     | 95.8    | 96.9    | 98.1    |
| 125   | 99.8     | 0.1   | 99.7    | 99.9    | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.059154425 |

No d'échantillon: 142620006 Traité par:



Isabelle (2) Date: 2021-10-06

| x[μm] | Q3(x)[%] | CV[%] | M210066 | M210067 | M210068 |
|-------|----------|-------|---------|---------|---------|
| 2     | 11.5     | 1.7   | 11.5    | 11.3    | 11.7    |
| 4     | 20.1     | 1.7   | 20.2    | 19.7    | 20.5    |
| 20    | 50.8     | 0.8   | 51.4    | 50.4    | 50.7    |
| 38    | 67.7     | 1.9   | 66.2    | 67.4    | 69.4    |
| 45    | 72.3     | 2.5   | 70.3    | 72      | 74.6    |
| 63    | 82.7     | 2.7   | 80.1    | 82.5    | 85.5    |
| 75    | 88.3     | 2.3   | 85.9    | 88.1    | 90.8    |
| 90    | 93.5     | 1.6   | 91.7    | 93.4    | 95.3    |
| 125   | 99.1     | 0.4   | 98.5    | 99.1    | 99.6    |
| 150   | 99.9     | 0.1   | 99.8    | 99.9    | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

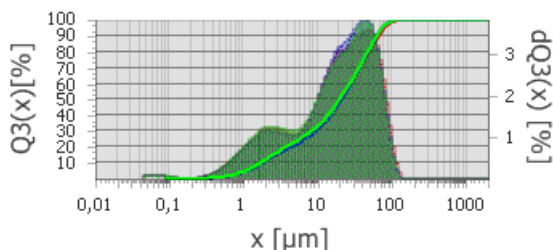
### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.058653653 |

# IOS Services Géoscientifiques inc.

## Project 2021-1426

No d'échantillon: 142620007 Traité par:



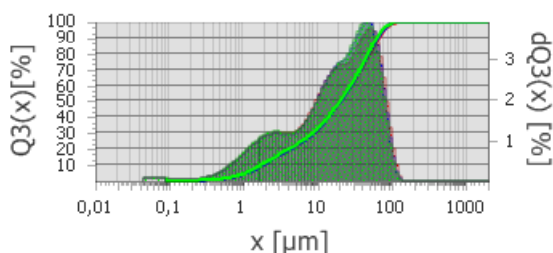
Isabelle (2) Date: 2021-10-06

| x[μm] | Q3(x)[%] | CV[%] | M210070 | M210071 | M210072 |
|-------|----------|-------|---------|---------|---------|
| 2     | 11.3     | 3     | 11.3    | 11      | 11.8    |
| 4     | 19.6     | 3.4   | 19.5    | 18.8    | 20.4    |
| 20    | 48.8     | 1.6   | 48.7    | 48      | 49.9    |
| 38    | 70.2     | 0.8   | 69.5    | 70.1    | 70.9    |
| 45    | 76.4     | 1     | 75.4    | 76.6    | 77.2    |
| 63    | 88.6     | 1     | 87.4    | 89      | 89.5    |
| 75    | 93.8     | 0.8   | 92.7    | 94.1    | 94.5    |
| 90    | 97.5     | 0.5   | 96.8    | 97.7    | 97.9    |
| 125   | 99.9     | 0.1   | 99.9    | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.061047047 |

No d'échantillon: 142620008 Traité par:



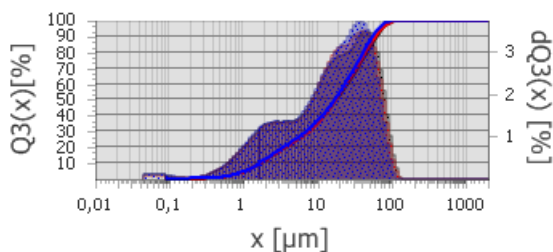
Isabelle (2) Date: 2021-10-06

| x[μm] | Q3(x)[%] | CV[%] | M210074 | M210075 | M210076 |
|-------|----------|-------|---------|---------|---------|
| 2     | 10.9     | 2.4   | 10.7    | 10.7    | 11.2    |
| 4     | 19       | 2     | 18.8    | 18.7    | 19.5    |
| 20    | 49       | 0.7   | 49.2    | 48.6    | 49.3    |
| 38    | 69.2     | 1     | 68.5    | 69.1    | 70.2    |
| 45    | 75.5     | 1.3   | 74.4    | 75.5    | 76.7    |
| 63    | 88.2     | 1.2   | 86.9    | 88.3    | 89.4    |
| 75    | 93.6     | 0.9   | 92.5    | 93.7    | 94.5    |
| 90    | 97.4     | 0.5   | 96.8    | 97.5    | 97.9    |
| 125   | 99.9     | 0     | 99.9    | 99.9    | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.061177664 |

No d'échantillon: 142620009 Traité par:



Isabelle (1) Date: 2021-10-06

| x[μm] | Q3(x)[%] | CV[%] | M210077 | M210078 | M210079 |
|-------|----------|-------|---------|---------|---------|
| 2     | 11.9     | 2.5   | 11.8    | 11.6    | 12.3    |
| 4     | 21       | 1.9   | 21      | 20.6    | 21.6    |
| 20    | 53.3     | 1.4   | 52.7    | 52.9    | 54.4    |
| 38    | 74.1     | 2.2   | 72.3    | 73.6    | 76.2    |
| 45    | 80       | 2.3   | 78.1    | 79.5    | 82.5    |
| 63    | 91.1     | 1.8   | 89.4    | 90.6    | 93.3    |
| 75    | 95.4     | 1.2   | 94.2    | 95      | 97      |
| 90    | 98.3     | 0.6   | 97.7    | 98.1    | 99.1    |
| 125   | 100      | 0     | 100     | 99.9    | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

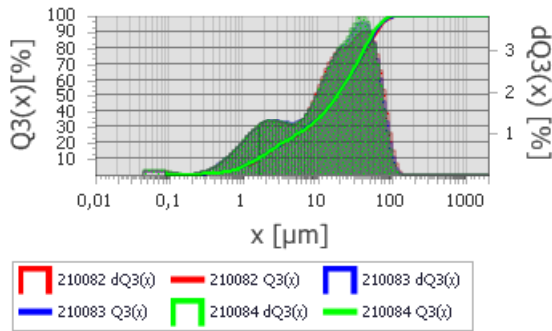
| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.056454491 |



# IOS Services Géoscientifiques inc.

## Project 2021-1426

No d'échantillon: 142620010 Traité par:

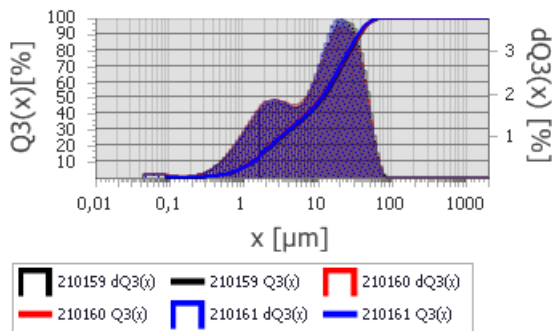


Isabelle (2) Date: 2021-10-06

| x[μm] | Q3(x)[%] | CV[%] | M210082 | M210083 | M210084 |
|-------|----------|-------|---------|---------|---------|
| 2     | 12.7     | 0.7   | 12.5    | 12.7    | 12.8    |
| 4     | 21.5     | 0.9   | 21.3    | 21.7    | 21.6    |
| 20    | 52       | 0.2   | 52.1    | 51.9    | 52      |
| 38    | 73.2     | 0.8   | 72.5    | 73.1    | 73.9    |
| 45    | 79.3     | 1     | 78.3    | 79.3    | 80.3    |
| 63    | 90.7     | 1.1   | 89.5    | 90.8    | 91.9    |
| 75    | 95.2     | 0.8   | 94.2    | 95.2    | 96.1    |
| 90    | 98.2     | 0.4   | 97.6    | 98.2    | 98.7    |
| 125   | 100      | 0     | 99.9    | 99.9    | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.056641713 |

No d'échantillon: 142620011 Traité par:

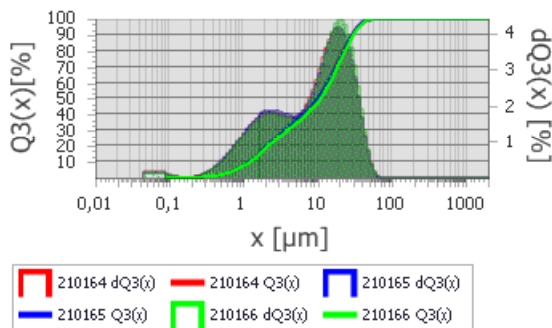


Isabelle (1) Date: 2021-10-15

| x[μm] | Q3(x)[%] | CV[%] | M210159 | M210160 | M210161 |
|-------|----------|-------|---------|---------|---------|
| 2     | 16.5     | 2.8   | 15.9    | 17      | 16.6    |
| 4     | 28.9     | 2.4   | 27.9    | 29.6    | 29      |
| 20    | 67.6     | 1.8   | 65.9    | 68.3    | 68.6    |
| 38    | 90.1     | 0.9   | 89.1    | 90.3    | 90.9    |
| 45    | 94.5     | 0.6   | 93.8    | 94.6    | 95      |
| 63    | 99.3     | 0.1   | 99.1    | 99.3    | 99.4    |
| 75    | 99.9     | 0     | 99.9    | 99.9    | 99.9    |
| 90    | 100      | 0     | 100     | 100     | 100     |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.056313969 |

No d'échantillon: 142620012 Traité par:



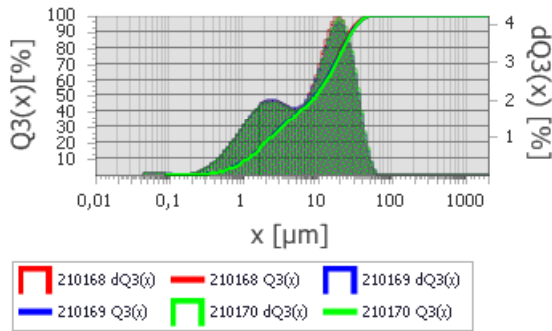
Isabelle (2) Date: 2021-10-15

| x[μm] | Q3(x)[%] | CV[%] | M210164 | M210165 | M210166 |
|-------|----------|-------|---------|---------|---------|
| 2     | 18.5     | 2.2   | 18.7    | 18.8    | 17.9    |
| 4     | 30.9     | 2.4   | 31.2    | 31.7    | 29.9    |
| 20    | 73.4     | 1.8   | 74.5    | 74.2    | 71.6    |
| 38    | 95.7     | 0.2   | 95.7    | 96      | 95.4    |
| 45    | 98.3     | 0.1   | 98.2    | 98.4    | 98.2    |
| 63    | 100      | 0     | 100     | 100     | 100     |
| 75    | 100      | 0     | 100     | 100     | 100     |
| 90    | 100      | 0     | 100     | 100     | 100     |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |            |
|------------------|------------|-----------|------------|
| Modèle de calcul | Théorie    | Trade off | Error      |
| broad            | Fraunhofer | 1000      | 0.06092478 |

# IOS Services Géoscientifiques inc. Project 2021-1426

No d'échantillon: 142620013 Traité par:



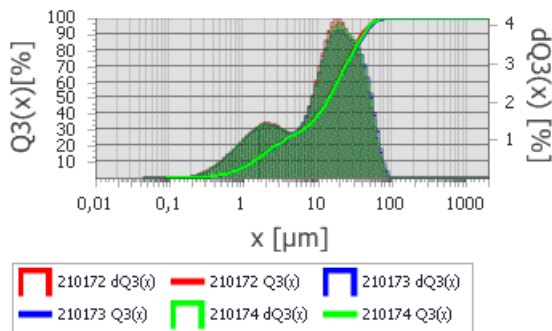
Isabelle (2) Date: 2021-10-15

| x[μm] | Q3(x)[%] | CV[%] | M210168 | M210169 | M210170 |
|-------|----------|-------|---------|---------|---------|
| 2     | 19.9     | 0.7   | 19.9    | 20      | 19.7    |
| 4     | 33.2     | 0.8   | 33.3    | 33.5    | 32.9    |
| 20    | 75.3     | 1.2   | 76.4    | 75.4    | 74.2    |
| 38    | 96.4     | 0.5   | 97      | 96.3    | 96      |
| 45    | 98.7     | 0.2   | 99      | 98.6    | 98.5    |
| 63    | 100      | 0     | 100     | 100     | 100     |
| 75    | 100      | 0     | 100     | 100     | 100     |
| 90    | 100      | 0     | 100     | 100     | 100     |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.051582303 |

No d'échantillon: 142620014 Traité par:



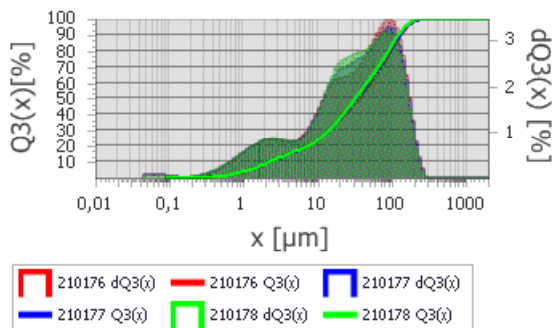
Isabelle (2) Date: 2021-10-15

| x[μm] | Q3(x)[%] | CV[%] | M210172 | M210173 | M210174 |
|-------|----------|-------|---------|---------|---------|
| 2     | 15.1     | 0.9   | 15.3    | 15      | 15.1    |
| 4     | 24.3     | 1     | 24.6    | 24.1    | 24.3    |
| 20    | 62.3     | 1.5   | 63.7    | 61.5    | 61.8    |
| 38    | 86.1     | 1.2   | 87.5    | 84.9    | 86      |
| 45    | 91.2     | 0.9   | 92.3    | 90.2    | 91.1    |
| 63    | 98.1     | 0.4   | 98.5    | 97.6    | 98.1    |
| 75    | 99.5     | 0.1   | 99.7    | 99.3    | 99.6    |
| 90    | 100      | 0     | 100     | 99.9    | 100     |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.093482658 |

No d'échantillon: 142620015 Traité par:



Isabelle (2) Date: 2021-10-15

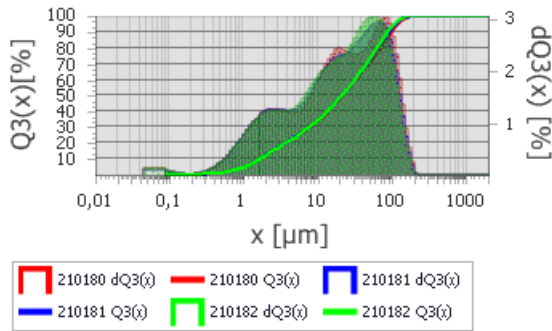
| x[μm] | Q3(x)[%] | CV[%] | M210176 | M210177 | M210178 |
|-------|----------|-------|---------|---------|---------|
| 2     | 8.7      | 0.6   | 8.7     | 8.7     | 8.8     |
| 4     | 14.5     | 0.8   | 14.4    | 14.5    | 14.7    |
| 20    | 36.5     | 0.8   | 36.2    | 36.5    | 36.9    |
| 38    | 52.3     | 2.4   | 50.8    | 52.4    | 53.8    |
| 45    | 56.8     | 2.5   | 55      | 56.9    | 58.5    |
| 63    | 66.4     | 2.2   | 64.6    | 66.3    | 68.2    |
| 75    | 71.8     | 1.8   | 70.2    | 71.7    | 73.4    |
| 90    | 77.7     | 1.5   | 76.4    | 77.5    | 79.2    |
| 125   | 88.4     | 0.8   | 87.6    | 88.1    | 89.4    |
| 150   | 93.3     | 0.6   | 92.8    | 93.1    | 94.1    |
| 250   | 99.8     | 0.1   | 99.8    | 99.8    | 99.9    |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.055165052 |

# IOS Services Géoscientifiques inc. Project 2021-1426

No d'échantillon: 142620016 Traité par:

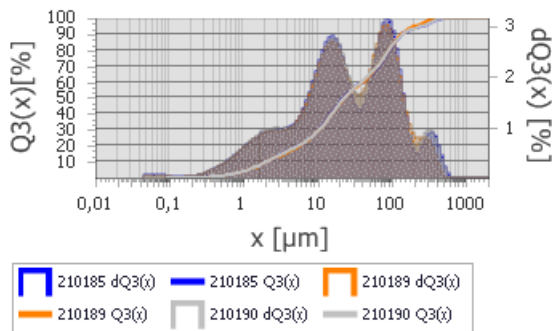


Isabelle (2) Date: 2021-10-15

| x[μm] | Q3(x)[%] | CV[%] | M210180 | M210181 | M210182 |
|-------|----------|-------|---------|---------|---------|
| 2     | 11.8     | 0.4   | 11.8    | 11.9    | 11.8    |
| 4     | 20.5     | 0.7   | 20.5    | 20.7    | 20.4    |
| 20    | 48.1     | 0.5   | 47.8    | 48.3    | 48.3    |
| 38    | 63.7     | 0.8   | 63.1    | 63.8    | 64.3    |
| 45    | 68.1     | 1.3   | 67      | 68.2    | 69.1    |
| 63    | 77.6     | 1.9   | 75.7    | 77.8    | 79.3    |
| 75    | 82.8     | 1.9   | 80.8    | 82.9    | 84.6    |
| 90    | 88.1     | 1.6   | 86.3    | 88.2    | 89.7    |
| 125   | 96       | 0.7   | 95.1    | 95.9    | 96.8    |
| 150   | 98.5     | 0.3   | 98.1    | 98.4    | 98.9    |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.051672082 |

No d'échantillon: 142620017 Traité par:

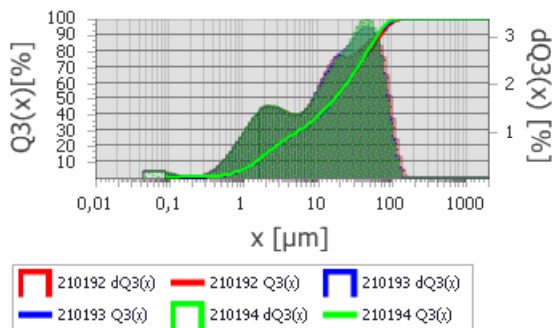


Isabelle (3) Date: 2021-10-15

| x[μm] | Q3(x)[%] | CV[%] | M210185 | M210189 | M210190 |
|-------|----------|-------|---------|---------|---------|
| 2     | 9.5      | 1.3   | 9.5     | 9.3     | 9.6     |
| 4     | 16.1     | 1.4   | 16      | 15.8    | 16.4    |
| 20    | 46.2     | 1.1   | 46.9    | 45.7    | 46      |
| 38    | 58.7     | 0.5   | 58.8    | 58.4    | 59.1    |
| 45    | 61.4     | 0.5   | 61.1    | 61.2    | 61.9    |
| 63    | 68.3     | 0.9   | 67.5    | 68.5    | 68.9    |
| 75    | 73       | 0.8   | 72.2    | 73.3    | 73.5    |
| 90    | 78.4     | 0.6   | 77.8    | 78.8    | 78.8    |
| 125   | 87.5     | 0.2   | 87.3    | 87.7    | 87.3    |
| 150   | 90.8     | 0.3   | 90.8    | 91.1    | 90.4    |
| 250   | 95.1     | 0.8   | 94.7    | 96.2    | 94.5    |
| 500   | 99.8     | 0.1   | 99.7    | 100     | 99.8    |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.079893127 |

No d'échantillon: 142620018 Traité par:



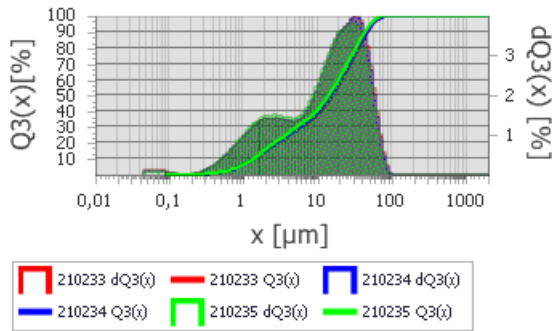
Isabelle (2) Date: 2021-10-15

| x[μm] | Q3(x)[%] | CV[%] | M210192 | M210193 | M210194 |
|-------|----------|-------|---------|---------|---------|
| 2     | 14.4     | 0.9   | 14.3    | 14.3    | 14.6    |
| 4     | 24.8     | 0.7   | 24.7    | 24.6    | 25      |
| 20    | 53.7     | 0.5   | 54.1    | 53.6    | 53.4    |
| 38    | 71.5     | 0.7   | 70.8    | 71.9    | 71.9    |
| 45    | 76.8     | 1.2   | 75.5    | 77.3    | 77.5    |
| 63    | 87.3     | 1.6   | 85.3    | 88      | 88.6    |
| 75    | 92.2     | 1.4   | 90.3    | 92.8    | 93.4    |
| 90    | 96.2     | 1     | 94.8    | 96.6    | 97.1    |
| 125   | 99.7     | 0.2   | 99.3    | 99.8    | 99.9    |
| 150   | 100      | 0     | 99.9    | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.047641475 |

# IOS Services Géoscientifiques inc. Project 2021-1426

No d'échantillon: 142620019 Traité par:

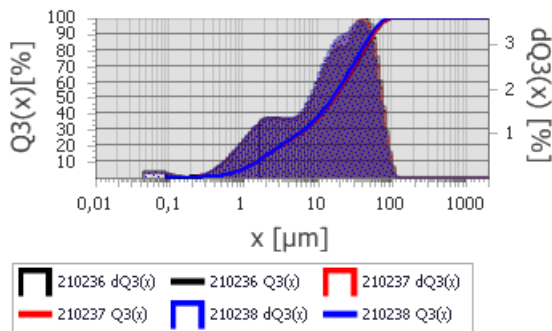


Isabelle (2) Date: 2021-10-19

| x[μm] | Q3(x)[%] | CV[%] | M210233 | M210234 | M210235 |
|-------|----------|-------|---------|---------|---------|
| 2     | 14.8     | 2.8   | 14.4    | 14.5    | 15.4    |
| 4     | 24.6     | 2.9   | 24.1    | 24.2    | 25.7    |
| 20    | 58.7     | 2.8   | 57.1    | 58      | 60.9    |
| 38    | 82.8     | 1.7   | 81.4    | 82.2    | 84.7    |
| 45    | 88.8     | 1.3   | 87.6    | 88.3    | 90.3    |
| 63    | 97.3     | 0.5   | 96.8    | 97.1    | 98      |
| 75    | 99.2     | 0.2   | 99.1    | 99.2    | 99.5    |
| 90    | 99.9     | 0     | 99.9    | 99.9    | 100     |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.063441232 |

No d'échantillon: 142620020 Traité par:

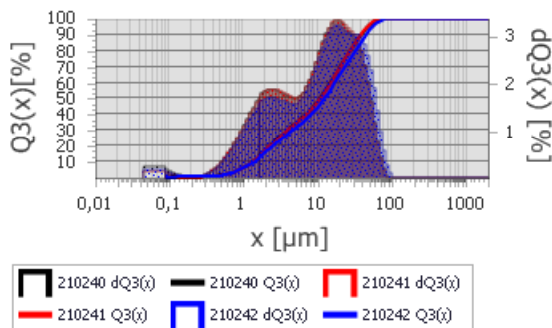


Isabelle (1) Date: 2021-10-19

| x[μm] | Q3(x)[%] | CV[%] | M210236 | M210237 | M210238 |
|-------|----------|-------|---------|---------|---------|
| 2     | 13.1     | 1.3   | 13.1    | 12.9    | 13.3    |
| 4     | 22.4     | 1.1   | 22.3    | 22.1    | 22.7    |
| 20    | 54.9     | 1.9   | 54.2    | 54.1    | 56.4    |
| 38    | 75.9     | 2     | 74.3    | 75.3    | 77.9    |
| 45    | 81.9     | 1.8   | 80.3    | 81.4    | 83.8    |
| 63    | 92.8     | 1     | 91.8    | 92.5    | 94.1    |
| 75    | 96.7     | 0.6   | 96.2    | 96.5    | 97.5    |
| 90    | 99       | 0.2   | 98.8    | 99      | 99.3    |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.060591035 |

No d'échantillon: 142620021 Traité par:



Isabelle (1) Date: 2021-10-19

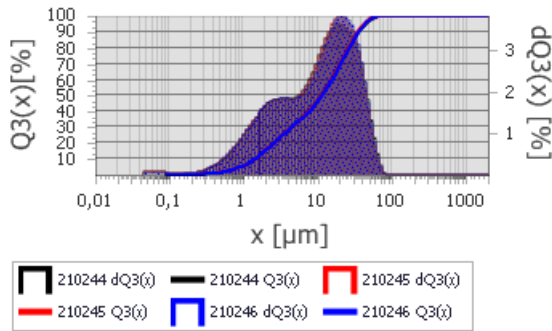
| x[μm] | Q3(x)[%] | CV[%] | M210240 | M210241 | M210242 |
|-------|----------|-------|---------|---------|---------|
| 2     | 16.6     | 3.9   | 17.2    | 16.8    | 15.7    |
| 4     | 29       | 4.2   | 30.1    | 29.7    | 27.3    |
| 20    | 67.1     | 3.2   | 68.8    | 68.5    | 64.2    |
| 38    | 87.2     | 2.5   | 88.7    | 88.8    | 84.1    |
| 45    | 91.7     | 2.1   | 93      | 93.2    | 89      |
| 63    | 98       | 0.9   | 98.6    | 98.7    | 96.8    |
| 75    | 99.4     | 0.4   | 99.7    | 99.8    | 98.9    |
| 90    | 99.9     | 0.1   | 100     | 100     | 99.8    |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.056302182 |

# IOS Services Géoscientifiques inc.

## Project 2021-1426

No d'échantillon: 142620022 Traité par:



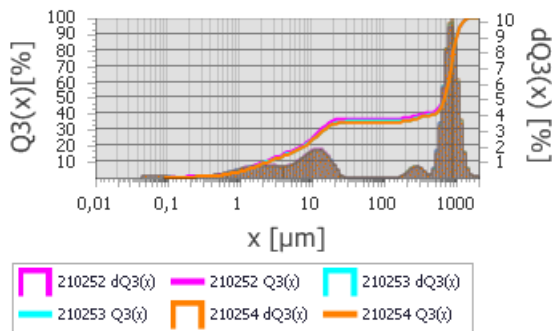
Isabelle (1) Date: 2021-10-19

| x[μm] | Q3(x)[%] | CV[%] | M210244 | M210245 | M210246 |
|-------|----------|-------|---------|---------|---------|
| 2     | 15       | 0.5   | 14.9    | 15.1    | 14.9    |
| 4     | 27.4     | 0.2   | 27.3    | 27.4    | 27.3    |
| 20    | 68.7     | 0.9   | 69      | 69.2    | 67.8    |
| 38    | 90.9     | 0.5   | 90.5    | 91.5    | 90.7    |
| 45    | 95       | 0.4   | 94.6    | 95.5    | 95      |
| 63    | 99.4     | 0.1   | 99.3    | 99.5    | 99.4    |
| 75    | 99.9     | 0     | 99.9    | 100     | 99.9    |
| 90    | 100      | 0     | 100     | 100     | 100     |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error      |
|------------------|------------|-----------|------------|
| broad            | Fraunhofer | 1000      | 0.05832357 |

No d'échantillon: 142620023 Traité par:



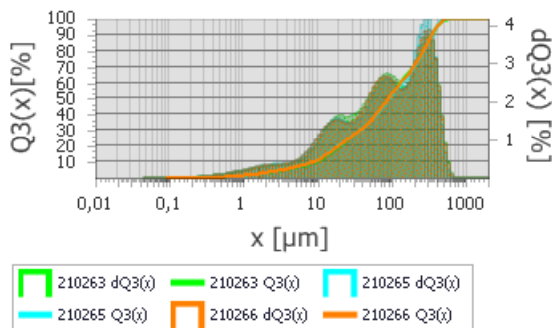
Isabelle (1) Date: 2021-10-19

| x[μm] | Q3(x)[%] | CV[%] | M210252 | M210253 | M210254 |
|-------|----------|-------|---------|---------|---------|
| 2     | 8.5      | 3.9   | 9       | 8.4     | 8.2     |
| 4     | 13.8     | 3.8   | 14.5    | 13.5    | 13.3    |
| 20    | 34.2     | 2.8   | 35.6    | 33.7    | 33.5    |
| 38    | 35.5     | 2.7   | 36.8    | 34.9    | 34.7    |
| 45    | 35.5     | 2.7   | 36.8    | 34.9    | 34.7    |
| 63    | 35.5     | 2.7   | 36.8    | 34.9    | 34.7    |
| 75    | 35.5     | 2.7   | 36.8    | 34.9    | 34.7    |
| 90    | 35.5     | 2.7   | 36.8    | 34.9    | 34.7    |
| 125   | 35.5     | 2.7   | 36.8    | 34.9    | 34.7    |
| 150   | 35.5     | 2.7   | 36.8    | 34.9    | 34.7    |
| 250   | 36.8     | 2.2   | 37.9    | 36.3    | 36.1    |
| 500   | 40.2     | 2     | 41.3    | 39.8    | 39.4    |
| 1000  | 87       | 0.4   | 87.4    | 87      | 86.5    |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error     |
|------------------|------------|-----------|-----------|
| broad            | Fraunhofer | 1000      | 0.1123202 |

No d'échantillon: 142620024 Traité par:



Isabelle (4) Date: 2021-10-19

| x[μm] | Q3(x)[%] | CV[%] | M210263 | M210265 | M210266 |
|-------|----------|-------|---------|---------|---------|
| 2     | 3.2      | 4.4   | 3       | 3.3     | 3.2     |
| 4     | 5.6      | 3.7   | 5.3     | 5.8     | 5.6     |
| 20    | 20.1     | 3     | 19.2    | 20.6    | 20.4    |
| 38    | 30       | 0.3   | 29.8    | 30      | 30      |
| 45    | 32.9     | 0.3   | 33      | 32.8    | 33      |
| 63    | 40.1     | 1     | 40.3    | 39.6    | 40.4    |
| 75    | 44.5     | 1.1   | 44.8    | 43.8    | 44.9    |
| 90    | 49.3     | 1.2   | 49.7    | 48.5    | 49.7    |
| 125   | 57.7     | 1.2   | 58.4    | 56.8    | 58.1    |
| 150   | 62       | 1.2   | 62.8    | 61      | 62.3    |
| 250   | 76.5     | 0.4   | 76.8    | 76.1    | 76.6    |
| 500   | 98.7     | 0.3   | 98.4    | 99      | 98.6    |
| 1000  | 100      | 0     | 100     | 100     | 100     |

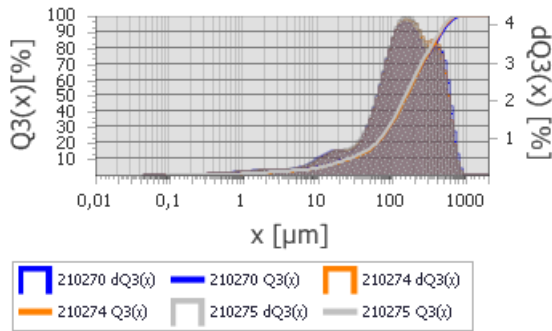
### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.087772995 |

# IOS Services Géoscientifiques inc.

## Project 2021-1426

No d'échantillon: 142620025 Traité par:



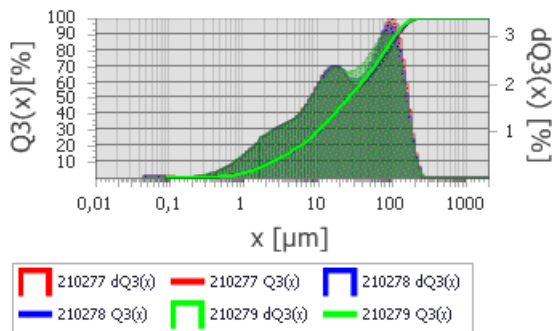
Isabelle (3) Date: 2021-10-19

| x[μm] | Q3(x)[%] | CV[%] | M210270 | M210274 | M210275 |
|-------|----------|-------|---------|---------|---------|
| 2     | 1.4      | 3.3   | 1.4     | 1.3     | 1.3     |
| 4     | 2.3      | 2.4   | 2.3     | 2.2     | 2.3     |
| 20    | 8.1      | 2.8   | 8.4     | 7.9     | 8.1     |
| 38    | 12.6     | 1.3   | 12.7    | 12.4    | 12.8    |
| 45    | 14.3     | 1.5   | 14.3    | 14      | 14.6    |
| 63    | 19.4     | 1.8   | 19.4    | 19      | 19.9    |
| 75    | 23.3     | 1.8   | 23.3    | 22.8    | 23.9    |
| 90    | 28.5     | 1.7   | 28.5    | 27.9    | 29.1    |
| 125   | 40.3     | 1.5   | 40.2    | 39.7    | 41.1    |
| 150   | 47.8     | 1.4   | 47.6    | 47.1    | 48.6    |
| 250   | 68.3     | 1.4   | 67.5    | 67.8    | 69.6    |
| 500   | 91.9     | 1     | 90.6    | 92.3    | 92.8    |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error     |
|------------------|------------|-----------|-----------|
| broad            | Fraunhofer | 1000      | 0.1042041 |

No d'échantillon: 142620026 Traité par:



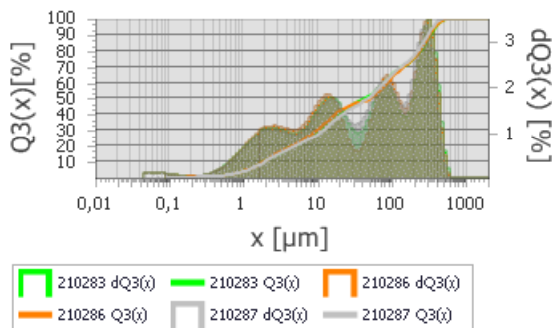
Isabelle (2) Date: 2021-10-19

| x[μm] | Q3(x)[%] | CV[%] | M210277 | M210278 | M210279 |
|-------|----------|-------|---------|---------|---------|
| 2     | 7.6      | 0.6   | 7.6     | 7.5     | 7.6     |
| 4     | 14.8     | 0.3   | 14.8    | 14.7    | 14.8    |
| 20    | 43.5     | 0.3   | 43.6    | 43.5    | 43.3    |
| 38    | 57.5     | 0.7   | 57.1    | 57.5    | 58      |
| 45    | 61.2     | 1.1   | 60.4    | 61.1    | 62.1    |
| 63    | 69.4     | 1.8   | 67.9    | 69.3    | 71      |
| 75    | 74.3     | 1.9   | 72.6    | 74.3    | 76.1    |
| 90    | 80       | 1.7   | 78.4    | 80      | 81.6    |
| 125   | 90.4     | 0.9   | 89.4    | 90.5    | 91.3    |
| 150   | 95       | 0.4   | 94.4    | 95.1    | 95.4    |
| 250   | 100      | 0     | 100     | 100     | 99.9    |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error      |
|------------------|------------|-----------|------------|
| broad            | Fraunhofer | 1000      | 0.05820737 |

No d'échantillon: 142620027 Traité par:



Isabelle (4) Date: 2021-10-19

| x[μm] | Q3(x)[%] | CV[%] | M210283 | M210286 | M210287 |
|-------|----------|-------|---------|---------|---------|
| 2     | 10.4     | 3.1   | 10.5    | 10.8    | 10      |
| 4     | 18       | 3.1   | 18      | 18.7    | 17.3    |
| 20    | 40.1     | 3.4   | 40.1    | 41.8    | 38.5    |
| 38    | 47.5     | 1     | 48      | 47.6    | 46.9    |
| 45    | 49.2     | 0.9   | 49.8    | 48.7    | 49.1    |
| 63    | 54.1     | 1.5   | 54.7    | 52.9    | 54.6    |
| 75    | 57.5     | 1.5   | 58      | 56.3    | 58.1    |
| 90    | 61.4     | 1.3   | 61.8    | 60.3    | 62      |
| 125   | 67.8     | 0.7   | 68      | 67.1    | 68.3    |
| 150   | 70.7     | 0.7   | 70.6    | 70.1    | 71.3    |
| 250   | 81       | 1.5   | 80      | 80.4    | 82.7    |
| 500   | 99.4     | 0.2   | 99.1    | 99.3    | 99.7    |
| 1000  | 100      | 0     | 100     | 100     | 100     |

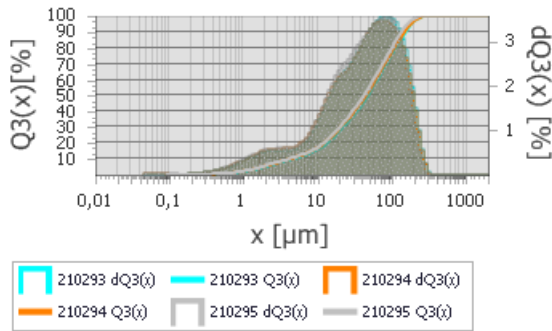
### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.058683909 |

# IOS Services Géoscientifiques inc.

## Project 2021-1426

No d'échantillon: 142620028 Traité par:

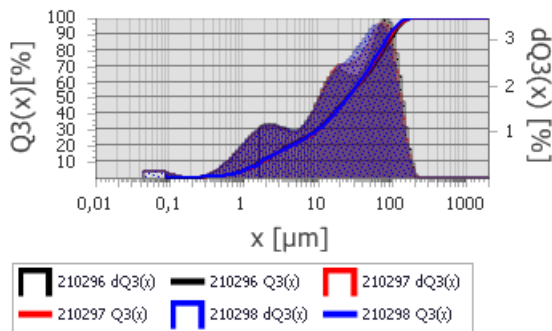


Isabelle (2) Date: 2021-10-19

| x[μm] | Q3(x)[%] | CV[%] | M210293 | M210294 | M210295 |
|-------|----------|-------|---------|---------|---------|
| 2     | 5.4      | 4.4   | 5.1     | 5.4     | 5.7     |
| 4     | 9.4      | 3.9   | 8.9     | 9.5     | 9.8     |
| 20    | 28.5     | 4     | 26.9    | 28.9    | 29.7    |
| 38    | 44.8     | 3.5   | 42.9    | 44.8    | 46.7    |
| 45    | 49.8     | 3.3   | 47.9    | 49.7    | 51.8    |
| 63    | 60.8     | 2.7   | 58.9    | 60.7    | 62.9    |
| 75    | 66.9     | 2.5   | 65      | 66.8    | 69      |
| 90    | 73.3     | 2.3   | 71.4    | 73.1    | 75.5    |
| 125   | 84.6     | 1.9   | 83      | 84      | 86.8    |
| 150   | 90.2     | 1.6   | 88.8    | 89.5    | 92.2    |
| 250   | 99.3     | 0.3   | 99.1    | 99.1    | 99.7    |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.079319499 |

No d'échantillon: 142620029 Traité par:

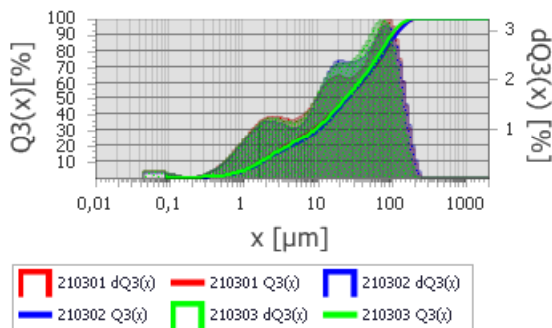


Isabelle (1) Date: 2021-10-19

| x[μm] | Q3(x)[%] | CV[%] | M210296 | M210297 | M210298 |
|-------|----------|-------|---------|---------|---------|
| 2     | 11.1     | 1.7   | 11.3    | 10.8    | 11.1    |
| 4     | 18.7     | 1.6   | 19.1    | 18.4    | 18.7    |
| 20    | 43.7     | 1.1   | 44.4    | 43.4    | 43.4    |
| 38    | 59.5     | 0.9   | 58.9    | 59.5    | 60.2    |
| 45    | 64       | 1.5   | 62.8    | 64      | 65.2    |
| 63    | 74       | 2.3   | 71.9    | 74.2    | 76      |
| 75    | 79.8     | 2.2   | 77.5    | 80      | 81.8    |
| 90    | 85.8     | 1.8   | 83.8    | 86.1    | 87.7    |
| 125   | 95.1     | 0.8   | 94      | 95.3    | 96      |
| 150   | 98.1     | 0.4   | 97.6    | 98.2    | 98.5    |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.058689125 |

No d'échantillon: 142620030 Traité par:



Isabelle (2) Date: 2021-10-19

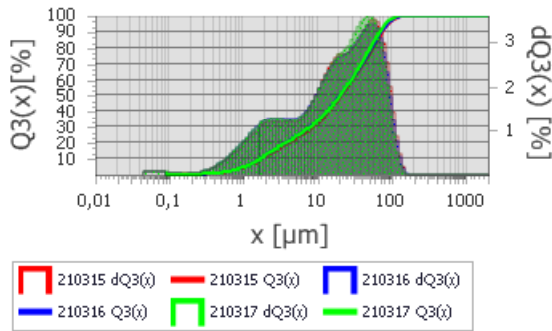
| x[μm] | Q3(x)[%] | CV[%] | M210301 | M210302 | M210303 |
|-------|----------|-------|---------|---------|---------|
| 2     | 11.5     | 3.2   | 11.9    | 11      | 11.7    |
| 4     | 19.7     | 3.5   | 20.4    | 18.8    | 19.9    |
| 20    | 45       | 2.2   | 45.7    | 43.6    | 45.7    |
| 38    | 59.6     | 1.6   | 59      | 58.8    | 60.9    |
| 45    | 63.6     | 1.9   | 62.7    | 62.9    | 65.3    |
| 63    | 72.7     | 2.3   | 71.2    | 71.7    | 75.1    |
| 75    | 77.9     | 2.4   | 76.4    | 76.8    | 80.6    |
| 90    | 83.7     | 2.3   | 82.2    | 82.4    | 86.4    |
| 125   | 93.1     | 1.6   | 92.2    | 92      | 95.2    |
| 150   | 96.8     | 1     | 96.3    | 96      | 98.1    |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.048486844 |



# IOS Services Géoscientifiques inc. Project 2021-1426

No d'échantillon: 142620031 Traité par:



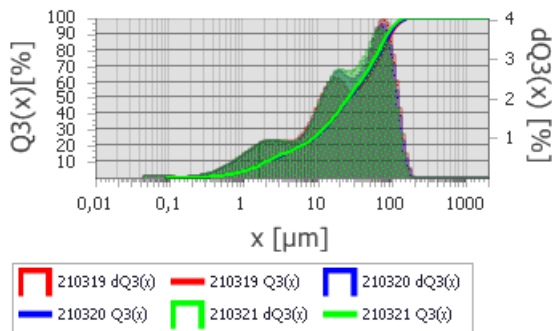
Isabelle (2) Date: 2021-11-01

| x[μm] | Q3(x)[%] | CV[%] | M210315 | M210316 | M210317 |
|-------|----------|-------|---------|---------|---------|
| 2     | 11.7     | 3.5   | 11.1    | 12      | 12      |
| 4     | 20.3     | 3     | 19.4    | 20.8    | 20.7    |
| 20    | 49       | 1.3   | 48.1    | 49.6    | 49.3    |
| 38    | 67.5     | 1.4   | 66.3    | 67.8    | 68.6    |
| 45    | 73.1     | 1.6   | 71.6    | 73.2    | 74.4    |
| 63    | 84.7     | 1.5   | 83.2    | 84.6    | 86.4    |
| 75    | 90.4     | 1.2   | 89.1    | 90.2    | 91.8    |
| 90    | 95.1     | 0.8   | 94.3    | 94.9    | 96.2    |
| 125   | 99.5     | 0.2   | 99.3    | 99.4    | 99.7    |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.054466516 |

No d'échantillon: 142620032 Traité par:



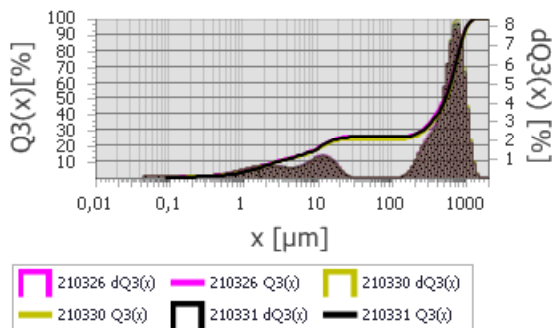
Isabelle (2) Date: 2021-11-01

| x[μm] | Q3(x)[%] | CV[%] | M210319 | M210320 | M210321 |
|-------|----------|-------|---------|---------|---------|
| 2     | 9.3      | 0.9   | 9.3     | 9.2     | 9.4     |
| 4     | 15.8     | 0.8   | 15.9    | 15.6    | 15.9    |
| 20    | 42.1     | 1     | 42.5    | 41.6    | 42.3    |
| 38    | 58.4     | 2.1   | 57      | 58.1    | 60      |
| 45    | 63       | 2.5   | 61.2    | 62.7    | 65      |
| 63    | 74       | 2.7   | 71.8    | 73.7    | 76.6    |
| 75    | 80.7     | 2.4   | 78.5    | 80.3    | 83.2    |
| 90    | 87.6     | 1.8   | 85.8    | 87.3    | 89.7    |
| 125   | 97       | 0.7   | 96.2    | 96.8    | 97.9    |
| 150   | 99.2     | 0.3   | 98.9    | 99.2    | 99.6    |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.069861382 |

No d'échantillon: 142620033 Traité par:



Isabelle (1) Date: 2021-11-01

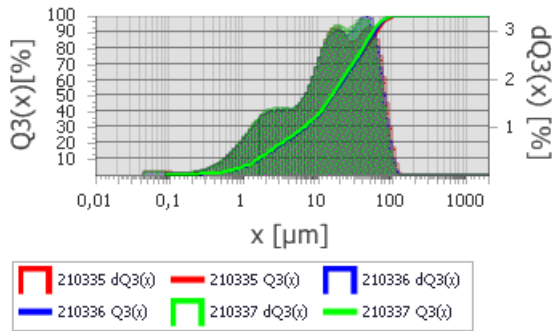
| x[μm] | Q3(x)[%] | CV[%] | M210326 | M210330 | M210331 |
|-------|----------|-------|---------|---------|---------|
| 2     | 7.6      | 3.1   | 7.9     | 7.5     | 7.4     |
| 4     | 11.7     | 2.1   | 12      | 11.4    | 11.6    |
| 20    | 24.7     | 2.7   | 25.3    | 23.7    | 25      |
| 38    | 25.5     | 2.8   | 26.3    | 24.6    | 25.8    |
| 45    | 25.6     | 2.8   | 26.3    | 24.6    | 25.8    |
| 63    | 25.6     | 2.8   | 26.3    | 24.6    | 25.8    |
| 75    | 25.6     | 2.8   | 26.3    | 24.6    | 25.8    |
| 90    | 25.6     | 2.8   | 26.3    | 24.6    | 25.8    |
| 125   | 25.6     | 2.8   | 26.3    | 24.6    | 25.8    |
| 150   | 25.6     | 2.8   | 26.3    | 24.6    | 25.9    |
| 250   | 28.9     | 2.4   | 29.7    | 28      | 29.1    |
| 500   | 46.6     | 2.7   | 48.1    | 45      | 46.5    |
| 1000  | 93.1     | 0.4   | 93.6    | 92.6    | 93      |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error     |
|------------------|------------|-----------|-----------|
| broad            | Fraunhofer | 1000      | 0.1052442 |

# IOS Services Géoscientifiques inc. Project 2021-1426

No d'échantillon: 142620034 Traité par:



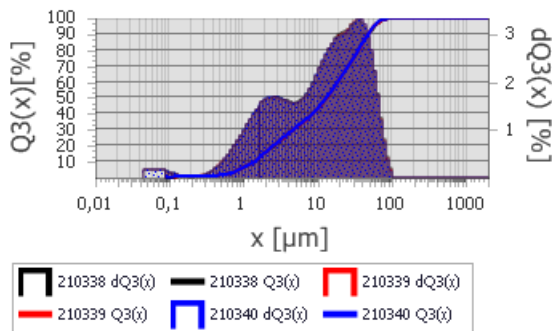
Isabelle (2) Date: 2021-11-01

| x[μm] | Q3(x)[%] | CV[%] | M210335 | M210336 | M210337 |
|-------|----------|-------|---------|---------|---------|
| 2     | 12.4     | 2.1   | 12.2    | 12.2    | 12.7    |
| 4     | 21.8     | 1.9   | 21.5    | 21.5    | 22.4    |
| 20    | 56.2     | 1.1   | 55.9    | 55.7    | 57.1    |
| 38    | 75.5     | 1.6   | 74.3    | 75      | 77.1    |
| 45    | 80.8     | 1.7   | 79.3    | 80.6    | 82.6    |
| 63    | 91.3     | 1.4   | 89.6    | 91.3    | 92.8    |
| 75    | 95.5     | 1     | 94.3    | 95.7    | 96.6    |
| 90    | 98.4     | 0.5   | 97.7    | 98.5    | 99      |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.066314995 |

No d'échantillon: 142620035 Traité par:



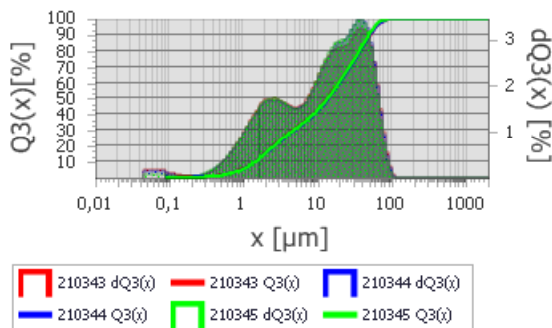
Isabelle (1) Date: 2021-11-01

| x[μm] | Q3(x)[%] | CV[%] | M210338 | M210339 | M210340 |
|-------|----------|-------|---------|---------|---------|
| 2     | 15.4     | 0.6   | 15.3    | 15.4    | 15.5    |
| 4     | 27       | 0.4   | 26.9    | 26.9    | 27.1    |
| 20    | 61.1     | 0.2   | 61.1    | 60.9    | 61.3    |
| 38    | 81.4     | 0.1   | 81.4    | 81.4    | 81.5    |
| 45    | 86.9     | 0.1   | 86.9    | 86.9    | 87      |
| 63    | 95.9     | 0.1   | 95.7    | 95.9    | 96      |
| 75    | 98.5     | 0.1   | 98.4    | 98.5    | 98.6    |
| 90    | 99.7     | 0     | 99.7    | 99.7    | 99.7    |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.052658446 |

No d'échantillon: 142620036 Traité par:



Isabelle (2) Date: 2021-11-01

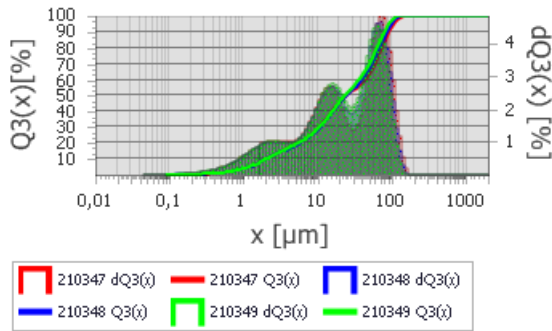
| x[μm] | Q3(x)[%] | CV[%] | M210343 | M210344 | M210345 |
|-------|----------|-------|---------|---------|---------|
| 2     | 15.2     | 1.7   | 15.6    | 14.9    | 15.2    |
| 4     | 26.9     | 1.4   | 27.4    | 26.4    | 26.9    |
| 20    | 60       | 1     | 60.6    | 59.2    | 60.3    |
| 38    | 80       | 0.6   | 79.8    | 79.4    | 80.6    |
| 45    | 85.6     | 0.6   | 85.2    | 85.2    | 86.4    |
| 63    | 95.3     | 0.5   | 94.8    | 95.1    | 95.9    |
| 75    | 98.2     | 0.3   | 97.9    | 98.1    | 98.6    |
| 90    | 99.6     | 0.1   | 99.5    | 99.6    | 99.8    |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.052989725 |

# IOS Services Géoscientifiques inc. Project 2021-1426

No d'échantillon: 142620037 Traité par:



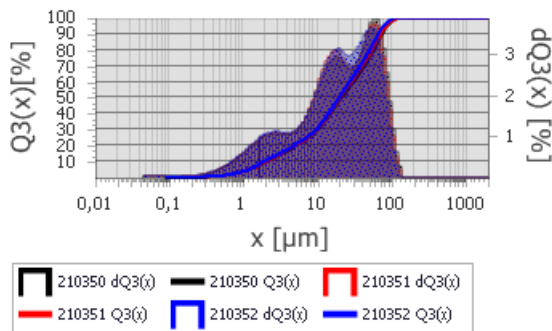
Isabelle (2) Date: 2021-11-01

| x[μm] | Q3(x) [%] | CV [%] | M210347 | M210348 | M210349 |
|-------|-----------|--------|---------|---------|---------|
| 2     | 9.4       | 1.2    | 9.4     | 9.2     | 9.5     |
| 4     | 16.3      | 1.4    | 16.5    | 16      | 16.5    |
| 20    | 45.6      | 1      | 45.9    | 45      | 46      |
| 38    | 58.4      | 2.8    | 56.5    | 58.1    | 60.5    |
| 45    | 62.6      | 3.5    | 59.9    | 62.5    | 65.3    |
| 63    | 75.2      | 3.9    | 71.5    | 75.3    | 78.8    |
| 75    | 83.2      | 3.3    | 79.7    | 83.3    | 86.5    |
| 90    | 90.9      | 2.3    | 88.2    | 91      | 93.4    |
| 125   | 98.8      | 0.6    | 98.1    | 98.9    | 99.5    |
| 150   | 99.9      | 0.1    | 99.7    | 99.9    | 100     |
| 250   | 100       | 0      | 100     | 100     | 100     |
| 500   | 100       | 0      | 100     | 100     | 100     |
| 1000  | 100       | 0      | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.092617817 |

No d'échantillon: 142620038 Traité par:



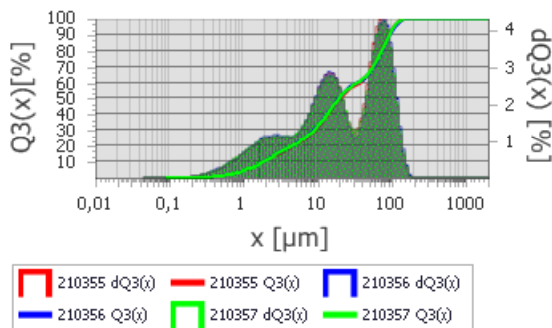
Isabelle (1) Date: 2021-11-01

| x[μm] | Q3(x) [%] | CV [%] | M210350 | M210351 | M210352 |
|-------|-----------|--------|---------|---------|---------|
| 2     | 9.8       | 2.6    | 9.6     | 9.7     | 10.2    |
| 4     | 17.3      | 2.4    | 16.9    | 17.1    | 17.9    |
| 20    | 49.1      | 1.8    | 47.9    | 49.4    | 49.9    |
| 38    | 67.5      | 2.4    | 65.6    | 67.3    | 69.6    |
| 45    | 72.9      | 2.5    | 70.9    | 72.5    | 75.3    |
| 63    | 85.2      | 2      | 83.4    | 84.7    | 87.4    |
| 75    | 91.3      | 1.4    | 89.9    | 90.9    | 93      |
| 90    | 96.1      | 0.8    | 95.3    | 95.9    | 97.2    |
| 125   | 99.8      | 0.1    | 99.7    | 99.8    | 99.9    |
| 150   | 100       | 0      | 100     | 100     | 100     |
| 250   | 100       | 0      | 100     | 100     | 100     |
| 500   | 100       | 0      | 100     | 100     | 100     |
| 1000  | 100       | 0      | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.083299585 |

No d'échantillon: 142620039 Traité par:



Isabelle (2) Date: 2021-11-01

| x[μm] | Q3(x) [%] | CV [%] | M210355 | M210356 | M210357 |
|-------|-----------|--------|---------|---------|---------|
| 2     | 10.6      | 1.5    | 10.4    | 10.7    | 10.7    |
| 4     | 18.4      | 1.7    | 18      | 18.7    | 18.4    |
| 20    | 50.1      | 1      | 49.5    | 50.8    | 50.1    |
| 38    | 60.4      | 0.5    | 60      | 60.5    | 60.7    |
| 45    | 63.2      | 0.4    | 63      | 63.1    | 63.6    |
| 63    | 73        | 0.6    | 73.4    | 72.4    | 73.3    |
| 75    | 80.2      | 0.6    | 80.7    | 79.5    | 80.3    |
| 90    | 87.9      | 0.6    | 88.5    | 87.3    | 87.9    |
| 125   | 97.7      | 0.2    | 97.9    | 97.4    | 97.7    |
| 150   | 99.5      | 0.1    | 99.6    | 99.5    | 99.5    |
| 250   | 100       | 0      | 100     | 100     | 100     |
| 500   | 100       | 0      | 100     | 100     | 100     |
| 1000  | 100       | 0      | 100     | 100     | 100     |

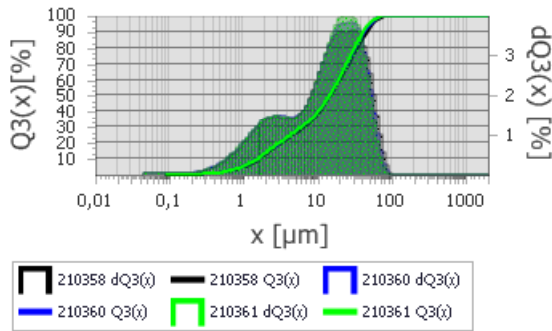
## Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.087110817 |

# IOS Services Géoscientifiques inc.

## Project 2021-1426

No d'échantillon: 142620040 Traité par:



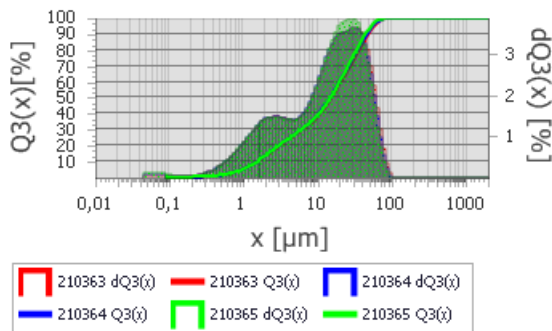
Isabelle (1) Date: 2021-11-01

| x[μm] | Q3(x)[%] | CV[%] | M210358 | M210360 | M210361 |
|-------|----------|-------|---------|---------|---------|
| 2     | 13.1     | 2.8   | 12.6    | 13.4    | 13.4    |
| 4     | 23.2     | 2.2   | 22.5    | 23.6    | 23.6    |
| 20    | 60.4     | 1.3   | 59.3    | 60.8    | 61.1    |
| 38    | 84.7     | 1.9   | 82.6    | 85.2    | 86.3    |
| 45    | 90.2     | 1.6   | 88.2    | 90.7    | 91.8    |
| 63    | 97.8     | 0.7   | 96.8    | 98      | 98.5    |
| 75    | 99.4     | 0.3   | 99      | 99.5    | 99.7    |
| 90    | 99.9     | 0     | 99.9    | 99.9    | 100     |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.069083579 |

No d'échantillon: 142620041 Traité par:



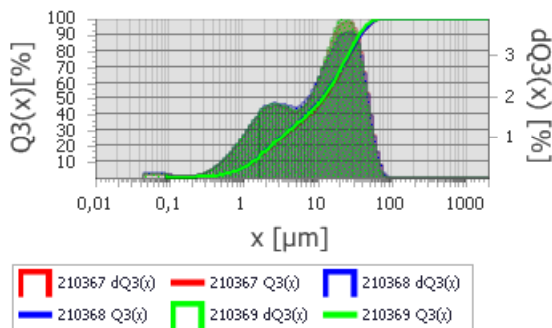
Isabelle (2) Date: 2021-11-01

| x[μm] | Q3(x)[%] | CV[%] | M210363 | M210364 | M210365 |
|-------|----------|-------|---------|---------|---------|
| 2     | 13.6     | 1.5   | 13.3    | 13.7    | 13.8    |
| 4     | 23.7     | 0.8   | 23.4    | 23.8    | 23.8    |
| 20    | 59       | 1.2   | 58      | 59.5    | 59.5    |
| 38    | 82.6     | 1.4   | 81.1    | 82.6    | 84      |
| 45    | 88.3     | 1.3   | 87      | 88.4    | 89.7    |
| 63    | 96.9     | 0.6   | 96.1    | 96.9    | 97.6    |
| 75    | 99       | 0.3   | 98.6    | 99      | 99.3    |
| 90    | 99.9     | 0.1   | 99.8    | 99.9    | 99.9    |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.068851024 |

No d'échantillon: 142620042 Traité par:



Isabelle (2) Date: 2021-11-01

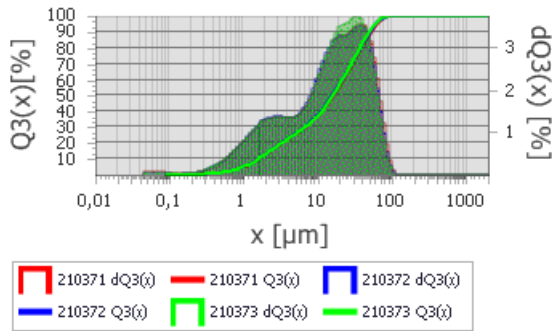
| x[μm] | Q3(x)[%] | CV[%] | M210367 | M210368 | M210369 |
|-------|----------|-------|---------|---------|---------|
| 2     | 16.4     | 2     | 15.9    | 16.7    | 16.5    |
| 4     | 28.6     | 1.9   | 27.8    | 29.1    | 28.9    |
| 20    | 66       | 1.2   | 64.9    | 66.5    | 66.7    |
| 38    | 89.4     | 0.9   | 88.8    | 88.9    | 90.5    |
| 45    | 94       | 0.7   | 93.6    | 93.6    | 94.9    |
| 63    | 99.2     | 0.2   | 99      | 99      | 99.4    |
| 75    | 99.9     | 0.1   | 99.9    | 99.8    | 99.9    |
| 90    | 100      | 0     | 100     | 100     | 100     |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.049136668 |

# IOS Services Géoscientifiques inc. Project 2021-1426

No d'échantillon: 142620043 Traité par:



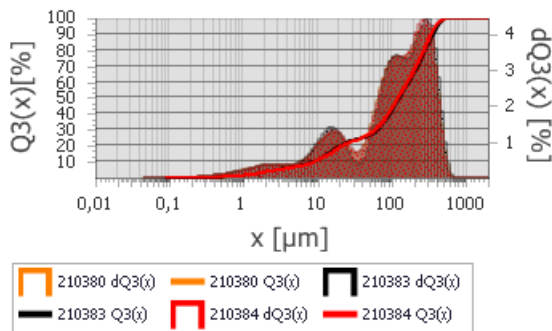
Isabelle (2) Date: 2021-11-01

| x[μm] | Q3(x)[%] | CV[%] | M210371 | M210372 | M210373 |
|-------|----------|-------|---------|---------|---------|
| 2     | 12.5     | 0.9   | 12.4    | 12.7    | 12.6    |
| 4     | 22       | 1     | 21.7    | 22.3    | 21.9    |
| 20    | 56.5     | 1.3   | 55.5    | 57.3    | 56.5    |
| 38    | 78.7     | 1.3   | 77.4    | 79      | 79.9    |
| 45    | 84.7     | 1.2   | 83.3    | 84.8    | 85.9    |
| 63    | 94.8     | 0.8   | 93.8    | 94.8    | 95.6    |
| 75    | 97.9     | 0.4   | 97.4    | 98      | 98.4    |
| 90    | 99.5     | 0.2   | 99.3    | 99.5    | 99.7    |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.065786608 |

No d'échantillon: 142620044 Traité par:



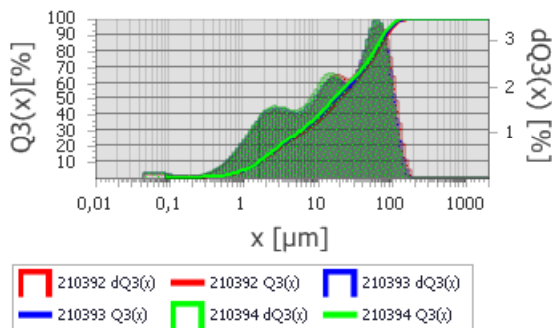
Isabelle (3) Date: 2021-11-01

| x[μm] | Q3(x)[%] | CV[%] | M210380 | M210383 | M210384 |
|-------|----------|-------|---------|---------|---------|
| 2     | 3.5      | 1.8   | 3.6     | 3.6     | 3.4     |
| 4     | 6        | 2     | 6       | 6.1     | 5.8     |
| 20    | 19       | 3.1   | 18.7    | 19.8    | 18.5    |
| 38    | 24.3     | 0.6   | 24.2    | 24.5    | 24.4    |
| 45    | 25.5     | 0.8   | 25.6    | 25.3    | 25.7    |
| 63    | 29.9     | 2.5   | 30.6    | 28.9    | 30.4    |
| 75    | 33.8     | 2.7   | 34.6    | 32.5    | 34.3    |
| 90    | 39       | 2.6   | 39.9    | 37.6    | 39.4    |
| 125   | 49.8     | 1.9   | 50.7    | 48.5    | 50.2    |
| 150   | 56       | 1.7   | 56.8    | 54.7    | 56.4    |
| 250   | 74.7     | 1.7   | 75.6    | 72.9    | 75.7    |
| 500   | 98.8     | 0.3   | 98.8    | 98.4    | 99.2    |
| 1000  | 100      | 0     | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error     |
|------------------|------------|-----------|-----------|
| broad            | Fraunhofer | 1000      | 0.1068457 |

No d'échantillon: 142620045 Traité par:



Isabelle (2) Date: 2021-11-03

| x[μm] | Q3(x)[%] | CV[%] | M210392 | M210393 | M210394 |
|-------|----------|-------|---------|---------|---------|
| 2     | 12.6     | 4.2   | 11.8    | 12.8    | 13.1    |
| 4     | 23       | 3.5   | 21.9    | 23.2    | 23.8    |
| 20    | 51.6     | 3.4   | 49.4    | 51.6    | 53.7    |
| 38    | 65.3     | 1.9   | 63.7    | 65.4    | 66.8    |
| 45    | 69.7     | 1.8   | 68.1    | 69.9    | 71.2    |
| 63    | 80.4     | 1.9   | 78.4    | 80.7    | 82.1    |
| 75    | 86.3     | 1.8   | 84.3    | 86.7    | 88      |
| 90    | 91.9     | 1.5   | 90      | 92.2    | 93.5    |
| 125   | 98.4     | 0.7   | 97.5    | 98.5    | 99.1    |
| 150   | 99.6     | 0.2   | 99.3    | 99.7    | 99.9    |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

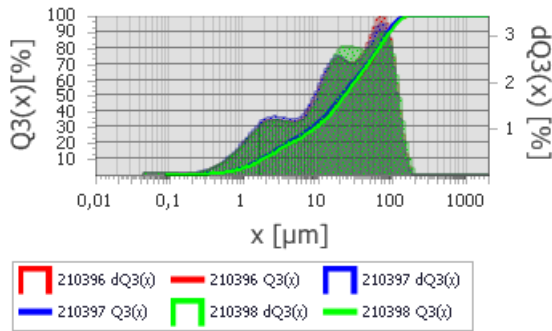
## Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.047244601 |

# IOS Services Géoscientifiques inc.

## Project 2021-1426

No d'échantillon: 142620046 Traité par:



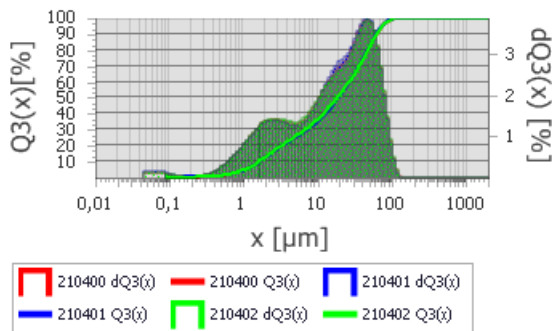
Isabelle (2) Date: 2021-11-03

| x[μm] | Q3(x)[%] | CV[%] | M210396 | M210397 | M210398 |
|-------|----------|-------|---------|---------|---------|
| 2     | 10.8     | 3.6   | 10.7    | 11.4    | 10.5    |
| 4     | 19.1     | 3.5   | 18.8    | 20      | 18.5    |
| 20    | 46.6     | 3.1   | 46.3    | 48.6    | 45.1    |
| 38    | 63.1     | 1.5   | 62.1    | 64.4    | 62.8    |
| 45    | 67.5     | 1.3   | 66.5    | 68.7    | 67.3    |
| 63    | 77.2     | 1     | 76.6    | 78.4    | 76.7    |
| 75    | 82.8     | 1.1   | 82.5    | 84      | 81.9    |
| 90    | 88.7     | 1     | 88.7    | 89.8    | 87.5    |
| 125   | 96.9     | 0.6   | 97.1    | 97.6    | 96.1    |
| 150   | 99.1     | 0.3   | 99.2    | 99.4    | 98.7    |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.059730362 |

No d'échantillon: 142620047 Traité par:



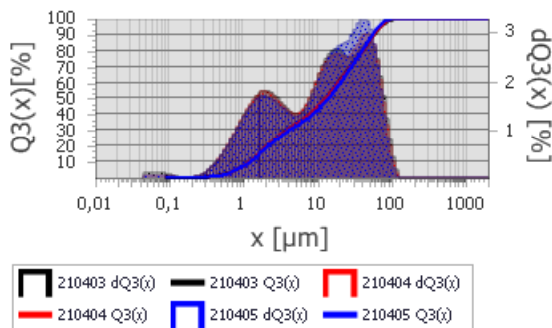
Isabelle (2) Date: 2021-11-03

| x[μm] | Q3(x)[%] | CV[%] | M210400 | M210401 | M210402 |
|-------|----------|-------|---------|---------|---------|
| 2     | 12.5     | 0.9   | 12.5    | 12.4    | 12.7    |
| 4     | 22.1     | 1     | 22.1    | 21.9    | 22.4    |
| 20    | 51.1     | 0.7   | 51.1    | 50.7    | 51.6    |
| 38    | 70.7     | 0.2   | 70.6    | 70.9    | 70.5    |
| 45    | 77       | 0.3   | 76.9    | 77.2    | 76.7    |
| 63    | 89.5     | 0.3   | 89.5    | 89.8    | 89.2    |
| 75    | 94.6     | 0.2   | 94.5    | 94.9    | 94.4    |
| 90    | 98       | 0.1   | 98      | 98.2    | 97.9    |
| 125   | 100      | 0     | 99.9    | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.058635172 |

No d'échantillon: 142620048 Traité par:



Isabelle (1) Date: 2021-11-03

| x[μm] | Q3(x)[%] | CV[%] | M210403 | M210404 | M210405 |
|-------|----------|-------|---------|---------|---------|
| 2     | 18.6     | 1.8   | 18.8    | 18.9    | 18.2    |
| 4     | 29.9     | 2     | 30.3    | 30.3    | 29      |
| 20    | 60.2     | 1.7   | 61.1    | 60.8    | 58.7    |
| 38    | 77.5     | 0.1   | 77.5    | 77.4    | 77.5    |
| 45    | 82.5     | 0.5   | 82.1    | 82.3    | 83.1    |
| 63    | 92.2     | 0.9   | 91.4    | 92      | 93.3    |
| 75    | 96.1     | 0.7   | 95.4    | 96      | 96.9    |
| 90    | 98.6     | 0.4   | 98.2    | 98.6    | 99.1    |
| 125   | 100      | 0     | 100     | 100     | 100     |
| 150   | 100      | 0     | 100     | 100     | 100     |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

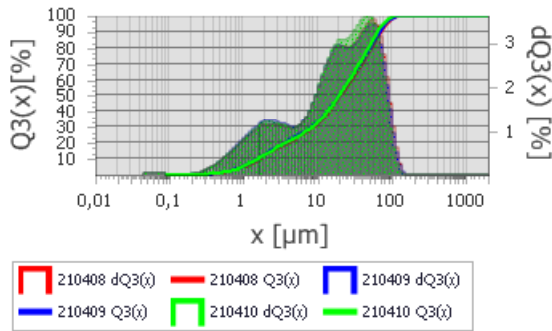
### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.048158243 |

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No d'échantillon: 142620049 Traité par:

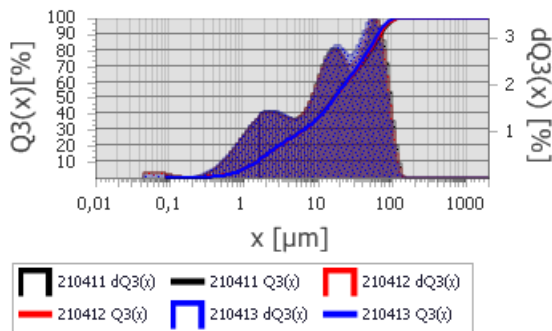


Isabelle (2) Date: 2021-11-03

| x[μm] | Q3(x) [%] | CV [%] | M210408 | M210409 | M210410 |
|-------|-----------|--------|---------|---------|---------|
| 2     | 12.4      | 2.4    | 12      | 12.7    | 12.4    |
| 4     | 20.5      | 2.4    | 19.8    | 21      | 20.6    |
| 20    | 49.8      | 1.5    | 48.7    | 50.5    | 50.1    |
| 38    | 69.3      | 1.6    | 67.9    | 69.4    | 70.6    |
| 45    | 74.9      | 1.8    | 73.4    | 74.8    | 76.6    |
| 63    | 86.7      | 1.7    | 85.1    | 86.2    | 88.6    |
| 75    | 92.1      | 1.3    | 90.9    | 91.7    | 93.7    |
| 90    | 96.4      | 0.8    | 95.6    | 96.1    | 97.5    |
| 125   | 99.8      | 0.1    | 99.7    | 99.7    | 99.9    |
| 150   | 100       | 0      | 100     | 100     | 100     |
| 250   | 100       | 0      | 100     | 100     | 100     |
| 500   | 100       | 0      | 100     | 100     | 100     |
| 1000  | 100       | 0      | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.064589024 |

No d'échantillon: 142620050 Traité par:

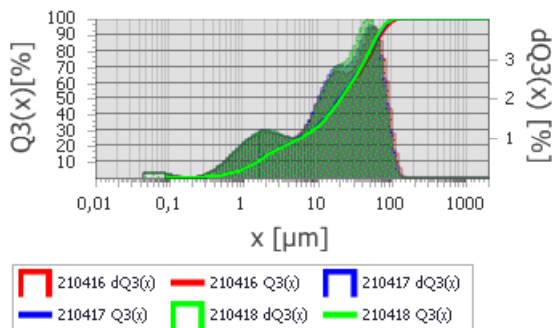


Isabelle (1) Date: 2021-11-03

| x[μm] | Q3(x) [%] | CV [%] | M210411 | M210412 | M210413 |
|-------|-----------|--------|---------|---------|---------|
| 2     | 13.7      | 0.4    | 13.7    | 13.6    | 13.7    |
| 4     | 23.2      | 0.8    | 23.3    | 23      | 23.4    |
| 20    | 53.9      | 0.6    | 54.4    | 53.6    | 53.9    |
| 38    | 70.2      | 1.1    | 69.5    | 69.9    | 71.3    |
| 45    | 75        | 1.5    | 73.8    | 74.6    | 76.5    |
| 63    | 85.9      | 1.7    | 84.3    | 85.7    | 87.8    |
| 75    | 91.5      | 1.4    | 90.1    | 91.3    | 93.2    |
| 90    | 96.1      | 0.9    | 95.2    | 96      | 97.2    |
| 125   | 99.8      | 0.1    | 99.7    | 99.8    | 99.9    |
| 150   | 100       | 0      | 100     | 100     | 100     |
| 250   | 100       | 0      | 100     | 100     | 100     |
| 500   | 100       | 0      | 100     | 100     | 100     |
| 1000  | 100       | 0      | 100     | 100     | 100     |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.062667646 |

No d'échantillon: 142620051 Traité par:



Isabelle (2) Date: 2021-11-03

| x[μm] | Q3(x) [%] | CV [%] | M210416 | M210417 | M210418 |
|-------|-----------|--------|---------|---------|---------|
| 2     | 13        | 0.5    | 12.9    | 13.1    | 13      |
| 4     | 20.9      | 0.6    | 20.7    | 21      | 20.9    |
| 20    | 48.9      | 1.1    | 48.7    | 49.6    | 48.5    |
| 38    | 67.8      | 1.6    | 66.2    | 68.5    | 68.5    |
| 45    | 73.7      | 2      | 71.6    | 74.5    | 75      |
| 63    | 86.5      | 2      | 84.1    | 87.2    | 88.2    |
| 75    | 92.3      | 1.6    | 90.3    | 92.9    | 93.8    |
| 90    | 96.7      | 1      | 95.5    | 97.1    | 97.6    |
| 125   | 99.9      | 0.1    | 99.7    | 99.9    | 100     |
| 150   | 100       | 0      | 100     | 100     | 100     |
| 250   | 100       | 0      | 100     | 100     | 100     |
| 500   | 100       | 0      | 100     | 100     | 100     |
| 1000  | 100       | 0      | 100     | 100     | 100     |

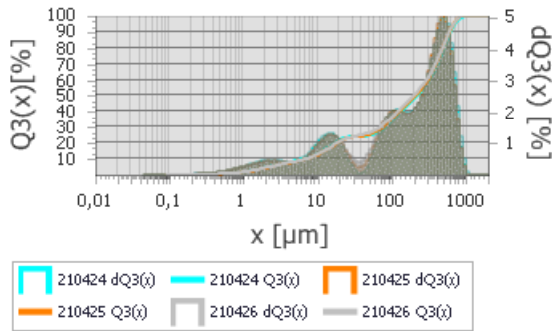
| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.068776488 |



# IOS Services Géoscientifiques inc.

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No d'échantillon: 142620052 Traité par:



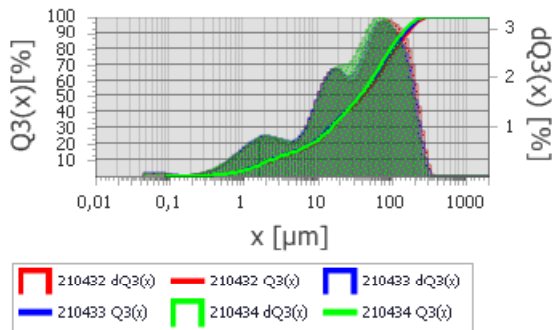
Isabelle (2) Date: 2021-11-03

| x[µm] | Q3(x)[%] | CV[%] | M210424 | M210425 | M210426 |
|-------|----------|-------|---------|---------|---------|
| 2     | 4.3      | 2.4   | 4.4     | 4.2     | 4.3     |
| 4     | 7.4      | 2.1   | 7.6     | 7.2     | 7.4     |
| 20    | 20.8     | 2.2   | 21.5    | 20.5    | 20.6    |
| 38    | 24.6     | 1.2   | 24.5    | 24.3    | 25      |
| 45    | 25.1     | 1.9   | 24.7    | 24.8    | 25.7    |
| 63    | 27.3     | 3.4   | 26.4    | 27      | 28.6    |
| 75    | 29.6     | 3.6   | 28.4    | 29.3    | 31      |
| 90    | 32.7     | 3.5   | 31.5    | 32.5    | 34.2    |
| 125   | 39.4     | 2.7   | 38.2    | 39.2    | 40.8    |
| 150   | 43       | 2.4   | 41.9    | 42.8    | 44.4    |
| 250   | 53.8     | 1.8   | 52.7    | 53.6    | 55.1    |
| 500   | 79.9     | 1.3   | 78.5    | 80.2    | 80.9    |
| 1000  | 99.9     | 0.1   | 99.8    | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error     |
|------------------|------------|-----------|-----------|
| broad            | Fraunhofer | 1000      | 0.1012362 |

No d'échantillon: 142620053 Traité par:



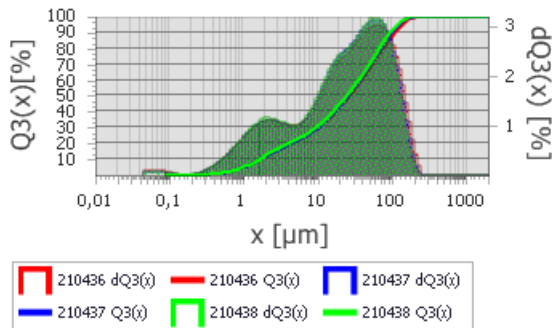
Isabelle (2) Date: 2021-11-03

| x[µm] | Q3(x)[%] | CV[%] | M210432 | M210433 | M210434 |
|-------|----------|-------|---------|---------|---------|
| 2     | 8.4      | 3.1   | 8       | 8.7     | 8.4     |
| 4     | 13.6     | 3     | 13      | 14      | 13.7    |
| 20    | 35.5     | 1.7   | 35      | 36.3    | 35.2    |
| 38    | 49.2     | 2.2   | 47.7    | 49.7    | 50.2    |
| 45    | 53.4     | 2.7   | 51.4    | 53.8    | 54.9    |
| 63    | 63       | 3.1   | 60.4    | 63.3    | 65.2    |
| 75    | 68.4     | 3.1   | 65.7    | 68.8    | 70.8    |
| 90    | 74.2     | 2.9   | 71.4    | 74.5    | 76.6    |
| 125   | 84.1     | 2.3   | 81.7    | 84.3    | 86.5    |
| 150   | 89.2     | 1.9   | 87.1    | 89.2    | 91.2    |
| 250   | 98.8     | 0.5   | 98.3    | 98.8    | 99.4    |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.073877975 |

No d'échantillon: 142620054 Traité par:



Isabelle (2) Date: 2021-11-03

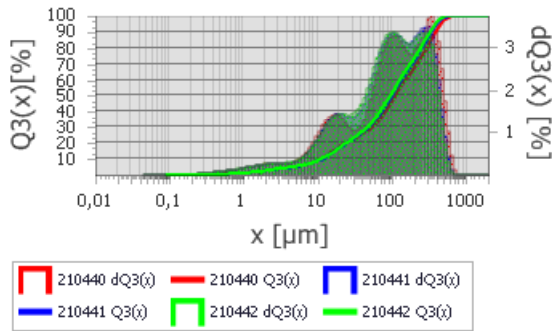
| x[µm] | Q3(x)[%] | CV[%] | M210436 | M210437 | M210438 |
|-------|----------|-------|---------|---------|---------|
| 2     | 11.7     | 1.9   | 11.5    | 11.6    | 12      |
| 4     | 19.2     | 1.8   | 18.9    | 19      | 19.7    |
| 20    | 43.1     | 2.1   | 42.2    | 42.9    | 44.3    |
| 38    | 59.6     | 1.9   | 58.3    | 59.6    | 61      |
| 45    | 64.5     | 1.8   | 63      | 64.5    | 65.9    |
| 63    | 74.8     | 1.9   | 73      | 74.9    | 76.5    |
| 75    | 80.2     | 1.9   | 78.3    | 80.4    | 82      |
| 90    | 85.7     | 1.8   | 83.7    | 85.8    | 87.5    |
| 125   | 93.9     | 1.3   | 92.3    | 94.2    | 95.4    |
| 150   | 97       | 0.9   | 95.9    | 97.2    | 98      |
| 250   | 100      | 0     | 100     | 100     | 100     |
| 500   | 100      | 0     | 100     | 100     | 100     |
| 1000  | 100      | 0     | 100     | 100     | 100     |

### Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.047290817 |

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No d'échantillon: 142620055 Traité par:



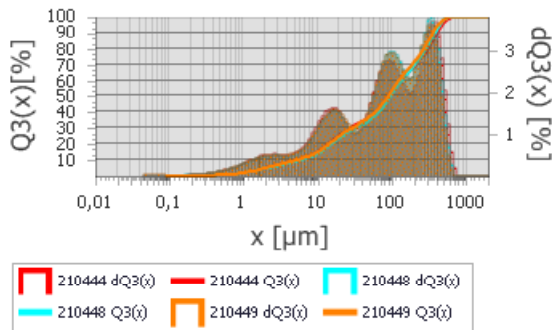
Isabelle (2) Date: 2021-11-03

| x[μm] | Q3(x)[%] | CV[%] | M210440 | M210441 | M210442 |
|-------|----------|-------|---------|---------|---------|
| 2     | 2.6      | 1.1   | 2.6     | 2.6     | 2.6     |
| 4     | 4.4      | 1.3   | 4.4     | 4.3     | 4.5     |
| 20    | 16.9     | 2.1   | 17.4    | 16.6    | 16.7    |
| 38    | 25.4     | 2     | 24.8    | 25.5    | 26.1    |
| 45    | 28       | 3.2   | 26.8    | 28.1    | 29      |
| 63    | 34.8     | 4.5   | 32.7    | 35.2    | 36.6    |
| 75    | 39.5     | 4.6   | 37.1    | 40      | 41.5    |
| 90    | 45.1     | 4.4   | 42.5    | 45.6    | 47.3    |
| 125   | 55.9     | 3.8   | 53.1    | 56.4    | 58.2    |
| 150   | 61.6     | 3.6   | 58.7    | 62.2    | 64      |
| 250   | 77.4     | 3.5   | 73.6    | 78.4    | 80.1    |
| 500   | 98       | 1     | 96.6    | 98.5    | 98.8    |
| 1000  | 100      | 0     | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error     |
|------------------|------------|-----------|-----------|
| broad            | Fraunhofer | 1000      | 0.1140063 |

No d'échantillon: 142620056 Traité par:



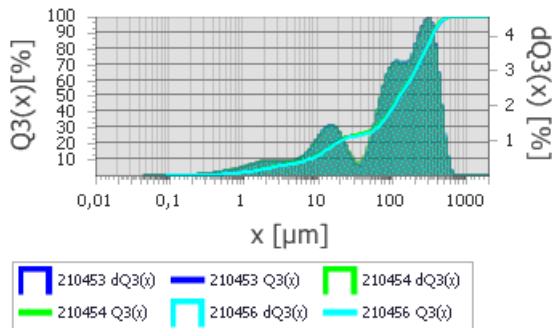
Isabelle (2) Date: 2021-11-03

| x[μm] | Q3(x)[%] | CV[%] | M210444 | M210448 | M210449 |
|-------|----------|-------|---------|---------|---------|
| 2     | 4.9      | 2.2   | 4.9     | 4.7     | 5       |
| 4     | 8.4      | 2.6   | 8.5     | 8       | 8.6     |
| 20    | 24.6     | 3     | 25.3    | 23.6    | 24.8    |
| 38    | 32.4     | 2.4   | 32.9    | 31.3    | 33      |
| 45    | 34.4     | 2.5   | 34.9    | 33.2    | 35.1    |
| 63    | 40       | 2.5   | 40.6    | 38.6    | 40.8    |
| 75    | 44.1     | 2.4   | 44.8    | 42.6    | 44.9    |
| 90    | 49       | 2.2   | 49.6    | 47.5    | 49.9    |
| 125   | 58.3     | 1.6   | 58.4    | 57.2    | 59.4    |
| 150   | 62.9     | 1.4   | 62.5    | 62      | 64.1    |
| 250   | 74.9     | 1.9   | 73.3    | 74.7    | 76.8    |
| 500   | 97.1     | 1     | 95.8    | 97.4    | 98.1    |
| 1000  | 100      | 0     | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error       |
|------------------|------------|-----------|-------------|
| broad            | Fraunhofer | 1000      | 0.087401837 |

No d'échantillon: 142620058 Traité par:



Isabelle (3) Date: 2021-11-03

| x[μm] | Q3(x)[%] | CV[%] | M210453 | M210454 | M210456 |
|-------|----------|-------|---------|---------|---------|
| 2     | 4        | 2.7   | 4       | 4.1     | 3.8     |
| 4     | 6.8      | 3.3   | 6.9     | 7       | 6.5     |
| 20    | 21.2     | 1.1   | 21.5    | 21.3    | 20.9    |
| 38    | 25.5     | 1.3   | 25.6    | 25.8    | 25      |
| 45    | 26.1     | 1.5   | 26.2    | 26.6    | 25.6    |
| 63    | 29.6     | 1.8   | 29.4    | 30.3    | 29.1    |
| 75    | 33.1     | 1.7   | 32.8    | 33.9    | 32.6    |
| 90    | 38       | 1.5   | 37.6    | 38.8    | 37.5    |
| 125   | 48.4     | 1     | 48      | 49.1    | 48      |
| 150   | 54.2     | 0.8   | 53.9    | 54.8    | 54      |
| 250   | 72.2     | 0.3   | 72      | 72.5    | 72.2    |
| 500   | 98.2     | 0.1   | 98.2    | 98.3    | 98      |
| 1000  | 100      | 0     | 100     | 100     | 100     |

## Legend

| Modèle de calcul | Théorie    | Trade off | Error     |
|------------------|------------|-----------|-----------|
| broad            | Fraunhofer | 1000      | 0.1059342 |

| ARTGold™ QUALITY CONTROL |                                   |                                          |                                             |         |                                                     |                                             |                                                                    |         | ARTGold™ QUALITY CONTROL   |                            |                         |                         |          |
|--------------------------|-----------------------------------|------------------------------------------|---------------------------------------------|---------|-----------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------|---------|----------------------------|----------------------------|-------------------------|-------------------------|----------|
| Sample ID                | ARTGold™<br>second<br>concentrate | ARTGold™<br>second<br>concentrate<br>Mag | ARTGold™<br>second<br>concentrate<br>No-Mag | Comment | Initial weight<br>ARTGold™<br>concentrate<br>no-mag | ARTGold™<br>concentrate<br>No-Mag ><br>50µm | Concentrate<br>weight<br>calculated<br>ARTGold™ no-<br>mag < 50 µm | Comment | Initial gold<br>recoveries | Initial gold<br>recoveries | QAQC gold<br>recoveries | QAQC gold<br>recoveries | Comments |
| Nb. Analysis: 5          | g.                                | g.                                       | g.                                          |         | g.                                                  | g.                                          | g.                                                                 |         | 0-50 µm                    | > 50 µm                    | 0-50 µm                 | > 50 µm                 |          |
| 142620003                | 0.0288                            | 0.0174                                   | 0.0118                                      |         | 0.0118                                              | 0.0107                                      | 0.0011                                                             |         | 11                         | 1                          | 0                       | 0                       |          |
| 142620014                | 0.0034                            | 0.0009                                   | 0.0020                                      |         | 0.0020                                              | 0.0008                                      | 0.0012                                                             |         | 22                         | 0                          | 1                       | 1                       |          |
| 142620023                | 0.1028                            | 0.0509                                   | 0.0519                                      |         | 0.0519                                              | 0.0385                                      | 0.0134                                                             |         | 0                          | 2                          | 1                       | 0                       |          |
| 142620037                | 0.0356                            | 0.0149                                   | 0.0202                                      |         | 0.0202                                              | 0.0185                                      | 0.0017                                                             |         | 5                          | 3                          | 0                       | 0                       |          |
| 142620050                | 0.0343                            | 0.0234                                   | 0.0107                                      |         | 0.0107                                              | 0.0099                                      | 0.0008                                                             |         | 10                         | 0                          | 0                       | 0                       |          |

| # Standard            | Range of particle sizes |       |       | Date       | Comment |
|-----------------------|-------------------------|-------|-------|------------|---------|
|                       | d10%                    | d50%  | d90%  |            |         |
| Confidence limit Min. | 5 µm                    | 13 µm | 19 µm |            |         |
| Confidence limit Max. | 12 µm                   | 20 µm | 36 µm |            |         |
| Unit                  | (µm)                    | (µm)  | (µm)  |            |         |
| F500-1                | 10                      | 19.8  | 35.2  | 2021-10-19 |         |

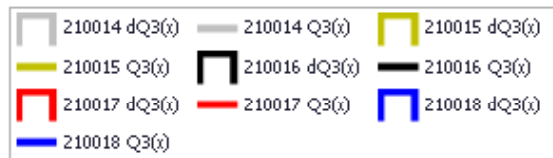
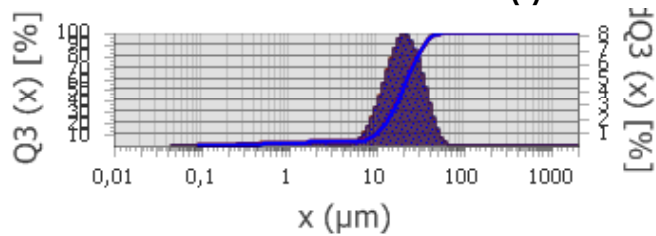
| # Standard            | Range of particle sizes |         |         | Date       | Comment |
|-----------------------|-------------------------|---------|---------|------------|---------|
|                       | d10%                    | d50%    | d90%    |            |         |
| Confidence limit Min. | 1,9 µm                  | 17.9 µm | 51.9 µm |            |         |
| Confidence limit Max. | 2,5 µm                  | 24.3 µm | 69.4 µm |            |         |
| Unit                  | (µm)                    | (µm)    | (µm)    |            |         |
| G2MRI14_1             | 2.3                     | 23.0    | 65.5    | 2021-10-15 |         |
| G2MRI14_2             | 2.2                     | 21.3    | 58.9    | 2021-11-01 |         |
| G2MRI14_3             | 2.2                     | 21.6    | 61.3    | 2021-11-03 |         |

# IOS Services Géoscientifiques inc.

## Project 2021-1426\_Fritsch-Standard-500

No d'échantillon:

F500-1 (1)



Date:

2021-10-06

| x[μm] | Q3(x)[%] | CV[%] | M210014 | M210015 | M210016 | M210017 | M210018 |
|-------|----------|-------|---------|---------|---------|---------|---------|
| 10    | 10       | 0.6   | 10      | 9.9     | 9.9     | 9.9     | 10      |
| 19.8  | 50       | 0.5   | 20      | 19.8    | 19.8    | 19.7    | 20      |
| 35.6  | 90       | 0.5   | 35.8    | 35.7    | 35.4    | 35.4    | 35.6    |

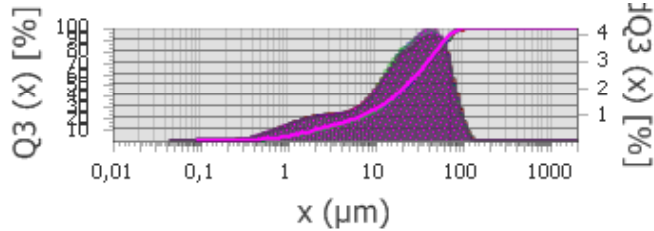
| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.095488399 |

# IOS Services Géoscientifiques inc.

## Project 2021-1426\_Standard interne

No d'échantillon:

G2MRI14-1



Date:

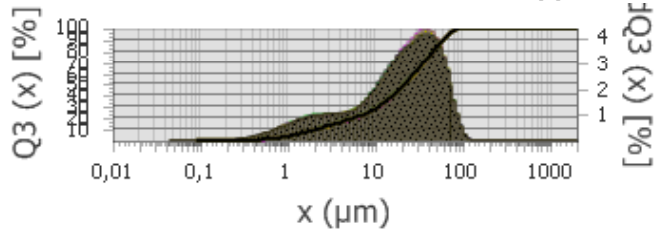
2021-10-15

| x[μm] | Q3(x)[%] | CV[%] | M210130 | M210131 | M210132 | M210133 | M210134 |
|-------|----------|-------|---------|---------|---------|---------|---------|
| 2.3   | 10       | 1.4   | 2.3     | 2.3     | 2.4     | 2.4     | 2.3     |
| 23    | 50       | 1.1   | 23.2    | 22.7    | 23.4    | 22.9    | 22.9    |
| 65.5  | 90       | 2.4   | 67.5    | 66.8    | 65.4    | 64.1    | 63.4    |

| Legend           |            |           |           |
|------------------|------------|-----------|-----------|
| Modèle de calcul | Théorie    | Trade off | Error     |
| broad            | Fraunhofer | 1000      | 0.0548338 |

No d'échantillon:

G2MRI14-2 (4)



Date:

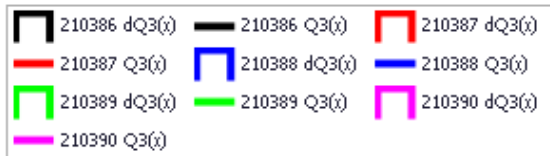
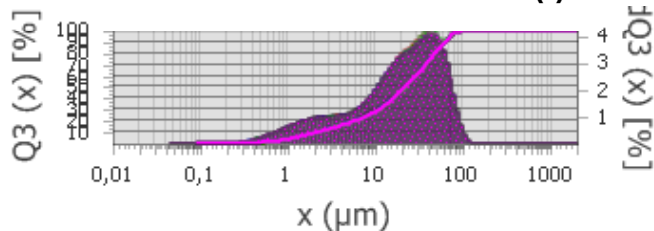
2021-11-01

| x[μm] | Q3(x)[%] | CV[%] | M210307 | M210308 | M210311 | M210312 | M210313 |
|-------|----------|-------|---------|---------|---------|---------|---------|
| 2.2   | 10       | 1.5   | 2.1     | 2.2     | 2.1     | 2.2     | 2.2     |
| 21.3  | 50       | 1.5   | 20.9    | 21.7    | 21.2    | 21.6    | 21      |
| 58.9  | 90       | 0.6   | 58.7    | 58.6    | 58.5    | 59.3    | 59.3    |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.056989104 |

No d'échantillon:

G2MRI14-3 (1)



Date:

2021-11-03

| x[μm] | Q3(x)[%] | CV[%] | M210386 | M210387 | M210388 | M210389 | M210390 |
|-------|----------|-------|---------|---------|---------|---------|---------|
| 2.2   | 10       | 1.1   | 2.2     | 2.2     | 2.2     | 2.2     | 2.2     |
| 21.6  | 50       | 1.4   | 21.2    | 21.9    | 21.4    | 22      | 21.7    |
| 61.3  | 90       | 0.6   | 62      | 61.1    | 61.1    | 61      | 61.3    |

| Legend           |            |           |             |
|------------------|------------|-----------|-------------|
| Modèle de calcul | Théorie    | Trade off | Error       |
| broad            | Fraunhofer | 1000      | 0.054645382 |



## **APPENDIX 3**

### **CERTIFICATE OF ANALYSIS FOR GOLD GRAINS**

**CERTIFICATE : IOS21-0044**

To : Jo Price  
Ethos Gold Corp.  
Suite 1430 – 800 W. Pender St  
Vancouver, BC  
Canada, V6C 2V6

Project: 1426, Schefferville  
Date of certificate: 2022-01-05  
Number of analyzes: 313 grains from 57 samples

Sample type: ARTGold™ concentrates (0-50 µm and 50-1000 µm)

Source of minerals: Geological rock or tills samples  
Instruments used: Zeiss EVO MA15 or Zeiss Sigma 300 VP (scanning electron microscopes)  
Analysis mode: Summary analysis in variable pressure

This report contains protected and confidential information to the recipient's attention.

The results relate only to samples as submitted for analysis.

This report is final and replaces any other preliminary reports with that number.

Note 1 : Analyzes were performed under variable pressure mode. Some elements are normally not present in gold and whose signal comes from the substrate or impurities were excluded from the analyzes.

Note 2 : The morphology of the gold grains is a subjective identification based on classification DiLabio 1990.

  
2021-1426-Report\_till  
Schefferville Project, January 13, 2021

Karen Gagné  
Chemist, OCQ 2003-137  
Quality control

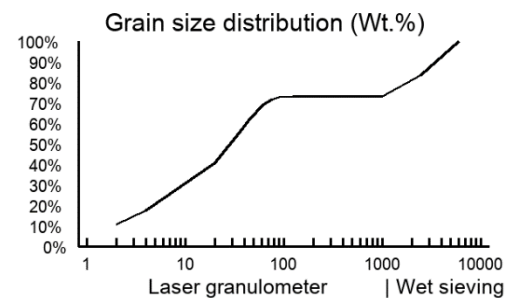
142620001

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 10.621 kg

Weight &lt; 1 mm (wet): 6.883 kg

Concentrate weight : 0.0860 g



Total count : 6 (Normalized : 8); Intergranular : 1; Modified : 3; Remobilized : 2

| ID | Image                                                                               | Size (µm)<br>W H |       | Morphology    | EDS composition in Wt.%<br>Ag Au |      |
|----|-------------------------------------------------------------------------------------|------------------|-------|---------------|----------------------------------|------|
| 1  |    | 43.72            | 29.12 | Intergranular | 39.2                             | 60.8 |
| 2  |    | 32.86            | 24.28 | Modified      | 7.6                              | 92.4 |
| 3  |    | 8.30             | 5.55  | Modified      | 0.7                              | 99.3 |
| 4  |    | 31.18            | 22.68 | Remobilized   | 5.0                              | 95.0 |
| 5  |   | 47.50            | 32.38 | Modified      | 2.7                              | 97.3 |
| 6  |  | 33.56            | 15.47 | Remobilized   | 32.9                             | 67.1 |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

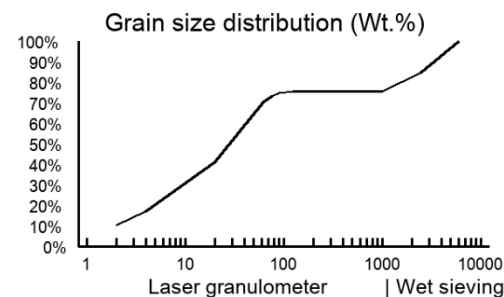
142620002

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 12.250 kg

Weight &lt; 1 mm (wet): 7.618 kg

Concentrate weight : 0.1583 g



Total count : 9 (Normalized : 11); Crystalline : 2; Modified : 7

| ID | Image | Size<br>W H (µm) | Morphology  | EDS<br>Ag Au composition in Wt.% |
|----|-------|------------------|-------------|----------------------------------|
| 1  |       | 31.27 20.87      | Modified    | 0.7 99.3                         |
| 2  |       | 21.46 11.34      | Modified    | 6.1 93.9                         |
| 3  |       | 21.50 9.74       | Modified    | 20.9 79.1                        |
| 4  |       | 24.23 14.25      | Modified    | 5.0 95.0                         |
| 5  |       | 21.38 13.25      | Modified    | 2.5 97.5                         |
| 6  |       | 20.52 15.31      | Crystalline | 30.9 69.1                        |
| 7  |       | 27.39 18.95      | Modified    | 0.7 99.3                         |
| 8  |       | 50.92 28.81      | Modified    | 1.1 98.8                         |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

## 142620002 (Page 2)

| ID | Image                                                                             | Size (µm) |       | Morphology  | EDS composition in Wt. % |      |
|----|-----------------------------------------------------------------------------------|-----------|-------|-------------|--------------------------|------|
|    |                                                                                   | W         | H     |             | Ag                       | Au   |
| 9  |  | 23.40     | 18.74 | Crystalline | 15.6                     | 84.4 |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

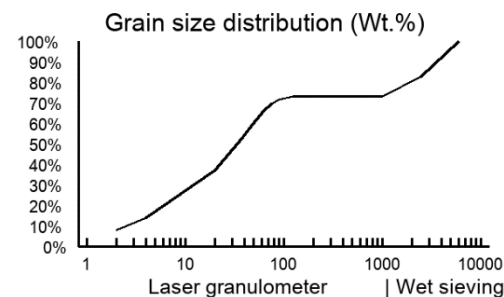
142620003

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 12.458 kg

Weight &lt; 1 mm (wet): 7.637 kg

Concentrate weight : 0.1169 g



Total count : 12 (Normalized : 15); Crystalline : 1; Intergranular : 2; Modified : 9

| ID | Image | Size<br>W H (µm) | Morphology    | EDS<br>Ag Au composition in Wt.% |
|----|-------|------------------|---------------|----------------------------------|
| 1  |       | 16.90 13.18      | Modified      | 27.4 72.6                        |
| 2  |       | 26.99 19.66      | Modified      | 0 100.0                          |
| 3  |       | 20.51 14.75      | Modified      | 25.1 74.9                        |
| 4  |       | 44.23 28.61      | Modified      | 11.2 88.8                        |
| 5  |       | 50.87 21.92      | Intergranular | 6.2 93.8                         |
| 6  |       | 39.67 23.77      | Modified      | 9.0 91.0                         |
| 7  |       | 15.56 15.54      | Crystalline   | 25.0 75.0                        |
| 8  |       | 48.89 32.23      | Intergranular | 23.3 76.7                        |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

## 142620003 (Page 2)

| ID | Image                                                                             | Size (µm)<br>W H |        | Morphology | EDS composition in Wt.%<br>Ag Au |       |
|----|-----------------------------------------------------------------------------------|------------------|--------|------------|----------------------------------|-------|
| 9  |  | 45.28            | 21.66  | Modified   | 0                                | 100.0 |
| 10 |  | 30.89            | 12.30  | Modified   | 1.9                              | 98.1  |
| 11 |  | 43.45            | 21.96  | Modified   | 19.2                             | 80.8  |
| 12 |  | 176.54           | 174.90 | Modified   | 7.3                              | 92.7  |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb



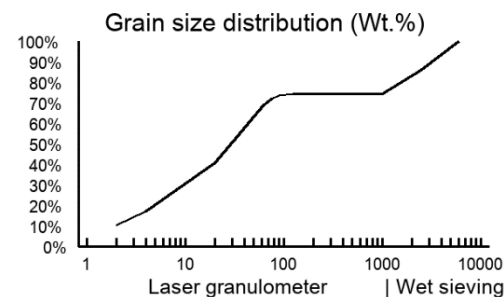
142620004

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 10.783 kg

Weight &lt; 1 mm (wet): 6.921 kg

Concentrate weight : 0.0743 g



Total count : 9 (Normalized : 13); Modified : 9

| ID | Image | Size<br>W | (µm)<br>H | Morphology | EDS<br>Ag | composition in Wt.%<br>Au |
|----|-------|-----------|-----------|------------|-----------|---------------------------|
| 1  |       | 28.40     | 27.61     | Modified   | 4.8       | 95.2                      |
| 2  |       | 38.35     | 11.66     | Modified   | 14.9      | 85.1                      |
| 3  |       | 11.90     | 9.57      | Modified   | 10.1      | 90.0                      |
| 4  |       | 72.78     | 43.38     | Modified   | 4.2       | 95.8                      |
| 5  |       | 20.12     | 11.12     | Modified   | 3.7       | 96.3                      |
| 6  |       | 31.86     | 31.28     | Modified   | 0.5       | 99.5                      |
| 7  |       | 19.61     | 17.99     | Modified   | 6.4       | 93.6                      |
| 8  |       | 11.83     | 9.33      | Modified   | 1.1       | 98.9                      |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

## 142620004 (Page 2)

| ID | Image                                                                             | Size (µm) |       | Morphology | EDS composition in Wt. % |      |
|----|-----------------------------------------------------------------------------------|-----------|-------|------------|--------------------------|------|
|    |                                                                                   | W         | H     |            | Ag                       | Au   |
| 9  |  | 36.91     | 18.54 | Modified   | 8.5                      | 91.5 |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

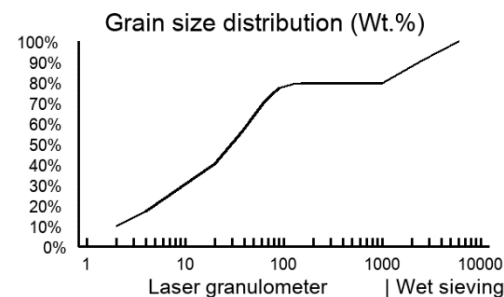
142620005

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 17.521 kg

Weight &lt; 1 mm (wet): 12.024 kg

Concentrate weight : 0.1056 g



Total count : 10 (Normalized : 8); Crystalline : 1; Intergranular : 2; Modified : 4; Remobilized : 3

| ID | Image                                                                               | Size (µm)<br>W H |       | Morphology    | EDS composition in Wt.%<br>Ag Au |       |
|----|-------------------------------------------------------------------------------------|------------------|-------|---------------|----------------------------------|-------|
| 1  |    | 19.48            | 12.94 | Modified      | 35.5                             | 64.5  |
| 2  |    | 34.61            | 18.42 | Modified      | 9.1                              | 90.9  |
| 3  |    | 9.04             | 6.75  | Intergranular | 36.0                             | 64.0  |
| 4  |    | 9.73             | 9.14  | Crystalline   | 31.8                             | 68.2  |
| 5  |   | 35.41            | 20.08 | Remobilized   | 0.8                              | 99.2  |
| 6  |  | 15.34            | 12.50 | Intergranular | 15.8                             | 84.2  |
| 7  |  | 20.48            | 16.76 | Remobilized   | 2.6                              | 97.4  |
| 8  |  | 32.99            | 28.00 | Modified      | 0                                | 100.0 |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

## 142620005 (Page 2)

| ID | Image                                                                             | Size (µm) |       | Morphology  | EDS composition in Wt. % |      |
|----|-----------------------------------------------------------------------------------|-----------|-------|-------------|--------------------------|------|
|    |                                                                                   | W         | H     |             | Ag                       | Au   |
| 9  |  | 40.64     | 28.45 | Modified    | 33.5                     | 66.5 |
| 10 |  | 37.75     | 21.77 | Remobilized | 25.2                     | 74.8 |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

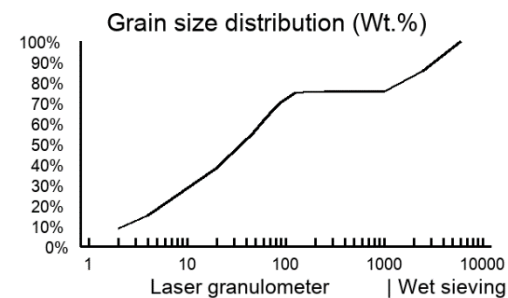
# 142620006

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 17.596 kg

Weight < 1 mm (wet): 11.619 kg

Concentrate weight : 0.0693 g



Total count : 4 (Normalized : 3); Modified : 3; Remobilized : 1

| ID | Image | Size (µm)<br>W H |       | Morphology  | EDS composition in Wt.%<br>Ag Au |       |
|----|-------|------------------|-------|-------------|----------------------------------|-------|
| 1  |       | 46.06            | 23.28 | Modified    | 0                                | 100.0 |
| 2  |       | 46.82            | 36.88 | Modified    | 26.0                             | 74.0  |
| 3  |       | 30.08            | 23.04 | Modified    | 15.1                             | 84.9  |
| 4  |       | 35.50            | 24.28 | Remobilized | 21.0                             | 79.0  |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

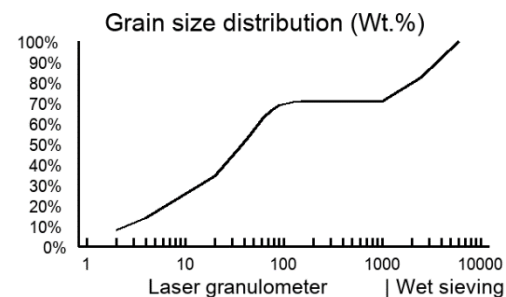
142620007

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 19.138 kg

Weight &lt; 1 mm (wet): 11.961 kg

Concentrate weight : 0.0691 g



Total count : 16 (Normalized : 13); Crystalline : 1; Intergranular : 3; Modified : 11; Remobilized : 1

| ID | Image | Size (µm) |       | Morphology    | EDS composition in Wt.% |       |
|----|-------|-----------|-------|---------------|-------------------------|-------|
|    |       | W         | H     |               | Ag                      | Au    |
| 1  |       | 43.20     | 32.74 | Modified      | 0                       | 100.0 |
| 2  |       | 21.51     | 20.28 | Modified      | 0                       | 100.0 |
| 3  |       | 14.81     | 13.93 | Crystalline   | 46.9                    | 53.1  |
| 4  |       | 21.01     | 13.12 | Modified      | 30.6                    | 69.4  |
| 5  |       | 14.28     | 13.04 | Intergranular | 15.4                    | 84.6  |
| 6  |       | 37.89     | 22.32 | Modified      | 19.6                    | 80.4  |
| 7  |       | 20.63     | 9.57  | Modified      | 12.7                    | 87.3  |
| 8  |       | 29.69     | 27.51 | Intergranular | 40.3                    | 59.7  |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

## 142620007 (Page 2)

| ID | Image                                                                              | Size (µm) |       | Morphology    | EDS composition in Wt.% |      |
|----|------------------------------------------------------------------------------------|-----------|-------|---------------|-------------------------|------|
|    |                                                                                    | W         | H     |               | Ag                      | Au   |
| 9  |   | 28.00     | 9.58  | Intergranular | 2.9                     | 97.1 |
| 10 |   | 37.56     | 16.06 | Modified      | 4.7                     | 95.3 |
| 11 |   | 47.79     | 27.43 | Modified      | 10.8                    | 89.2 |
| 12 |   | 26.08     | 17.03 | Modified      | 13.1                    | 86.9 |
| 13 |   | 28.76     | 22.52 | Remobilized   | 15.1                    | 84.9 |
| 14 |   | 57.94     | 32.46 | Modified      | 1.1                     | 98.9 |
| 15 |   | 18.19     | 14.76 | Modified      | 22.1                    | 77.9 |
| 16 |  | 36.23     | 31.34 | Modified      | 5.7                     | 94.3 |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

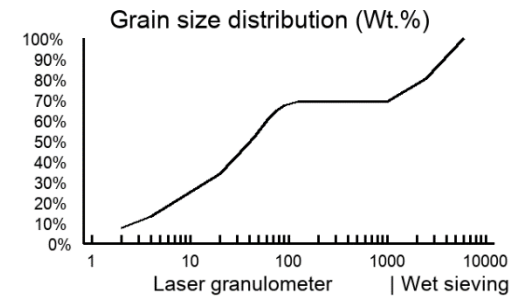
# 142620008

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 9.887 kg

Weight < 1 mm (wet): 6.201 kg

Concentrate weight : 0.1543 g



Total count : 2 (Normalized : 3); Modified : 2

| ID | Image                                                                             | Size (µm)<br>W H |       | Morphology | EDS composition in Wt.%<br>Ag Au |      |
|----|-----------------------------------------------------------------------------------|------------------|-------|------------|----------------------------------|------|
| 1  |  | 32.95            | 32.21 | Modified   | 14.5                             | 85.5 |
| 2  |  | 43.02            | 42.37 | Modified   | 5.4                              | 94.6 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb



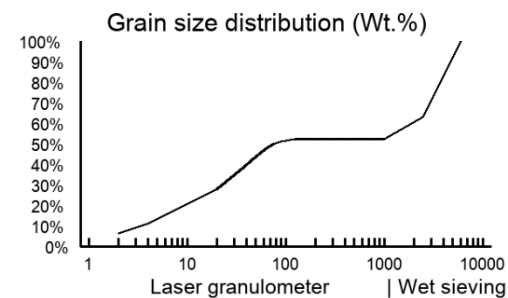
# 142620009

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 7.017 kg

Weight < 1 mm (wet): 2.892 kg

Concentrate weight : 0.1139 g



Total count : 3 (Normalized : 10); Modified : 2; Remobilized : 1

| ID | Image                                                                             | Size (µm)<br>W H |       | Morphology  | EDS composition in Wt.%<br>Ag Au |      |
|----|-----------------------------------------------------------------------------------|------------------|-------|-------------|----------------------------------|------|
| 1  |  | 23.04            | 8.49  | Modified    | 6.2                              | 93.8 |
| 2  |  | 26.18            | 23.89 | Modified    | 16.4                             | 83.6 |
| 3  |  | 75.62            | 16.41 | Remobilized | 1.2                              | 98.8 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

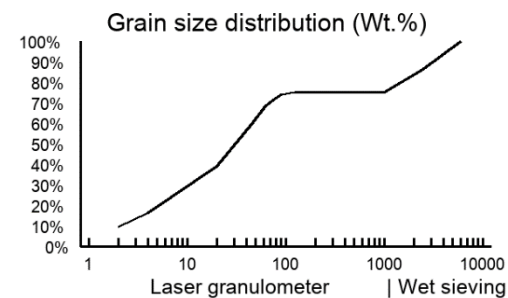
142620010

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 20.026 kg

Weight &lt; 1 mm (wet): 13.255 kg

Concentrate weight : 0.0588 g



Total count : 6 (Normalized : 4); Modified : 3; Remobilized : 3

| ID | Image | Size<br>W | (µm)<br>H | Morphology  | EDS<br>Ag | composition in Wt.%<br>Au |
|----|-------|-----------|-----------|-------------|-----------|---------------------------|
| 1  |       | 40.46     | 31.89     | Modified    | 0         | 100.0                     |
| 2  |       | 21.60     | 12.95     | Remobilized | 0.5       | 99.5                      |
| 3  |       | 36.19     | 25.55     | Remobilized | 18.3      | 81.7                      |
| 4  |       | 41.87     | 37.57     | Modified    | 6.4       | 93.6                      |
| 5  |       | 20.20     | 18.69     | Remobilized | 40.3      | 59.7                      |
| 6  |       | 38.38     | 18.14     | Modified    | 1.2       | 98.8                      |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

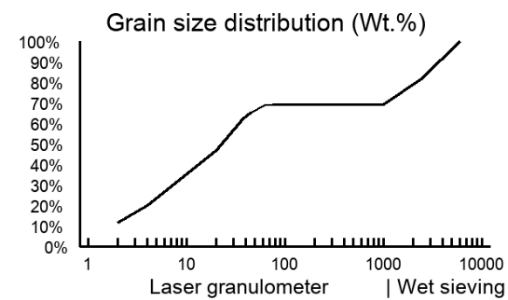
# 142620011

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 8.471 kg

Weight &lt; 1 mm (wet): 5.528 kg

Concentrate weight : 0.0517 g



Total count : 0

| ID | Image | Size (µm)<br>W H | Morphology | EDS composition in Wt.% |
|----|-------|------------------|------------|-------------------------|
|----|-------|------------------|------------|-------------------------|

\* Note that the following elements were analyzed, but no significant values were detected :

Ag, Au, S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

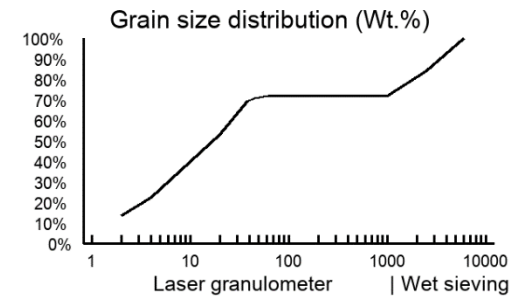
# 142620012

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 18.676 kg

Weight < 1 mm (wet): 11.716 kg

Concentrate weight : 0.0895 g



Total count : 10 (Normalized : 8); Intergranular : 1; Modified : 9

| ID | Image | Size<br>W H (µm) | Morphology    | EDS<br>Ag Au composition in Wt.% |
|----|-------|------------------|---------------|----------------------------------|
| 1  |       | 63.75 18.66      | Modified      | 11.1 88.9                        |
| 2  |       | 52.56 43.07      | Modified      | 9.2 90.8                         |
| 3  |       | 43.85 18.86      | Intergranular | 11.4 88.6                        |
| 4  |       | 31.31 26.45      | Modified      | 35.1 64.9                        |
| 5  |       | 36.71 36.06      | Modified      | 0 100.0                          |
| 6  |       | 29.06 23.36      | Modified      | 2.5 97.5                         |
| 7  |       | 35.24 21.28      | Modified      | 23.7 76.3                        |
| 8  |       | 43.43 29.51      | Modified      | 25.2 74.8                        |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

## 142620012 (Page 2)

| ID | Image                                                                             | Size (µm) |       | Morphology | EDS composition in Wt. % |      |
|----|-----------------------------------------------------------------------------------|-----------|-------|------------|--------------------------|------|
|    |                                                                                   | W         | H     |            | Ag                       | Au   |
| 9  |  | 39.34     | 21.12 | Modified   | 4.9                      | 95.1 |
| 10 |  | 38.34     | 38.11 | Modified   | 12.3                     | 87.7 |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

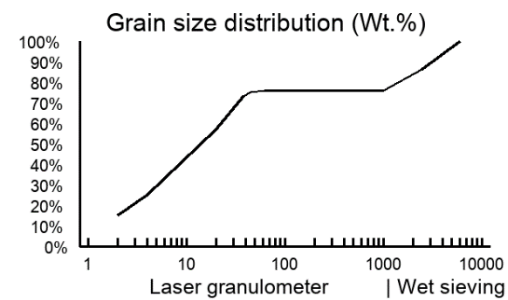
# 142620013

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 10.768 kg

Weight &lt; 1 mm (wet): 7.003 kg

Concentrate weight : 0.0602 g



Total count : 0

| ID | Image | Size (µm)<br>W H | Morphology | EDS composition in Wt.% |
|----|-------|------------------|------------|-------------------------|
|----|-------|------------------|------------|-------------------------|

\* Note that the following elements were analyzed, but no significant values were detected :

Ag, Au, S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

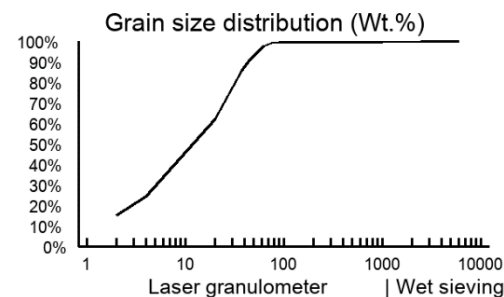
142620014

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 14.721 kg

Weight &lt; 1 mm (wet): 13.245 kg

Concentrate weight : 0.1023 g



Total count : 24 (Normalized : 18); Crystalline : 3; Intergranular : 3; Modified : 15; Mutual : 2; Remobilized : 1

| ID | Image                                                                               | Size (µm)<br>W H |       | Morphology  | EDS composition in Wt.%<br>Ag Au |       |
|----|-------------------------------------------------------------------------------------|------------------|-------|-------------|----------------------------------|-------|
| 1  |    | 34.22            | 28.65 | Modified    | 0                                | 100.0 |
| 2  |    | 28.33            | 20.62 | Modified    | 10.8                             | 89.2  |
| 3  |    | 26.23            | 10.51 | Remobilized | 24.1                             | 75.9  |
| 4  |    | 21.80            | 15.06 | Modified    | 20.8                             | 79.2  |
| 5  |   | 27.33            | 15.34 | Modified    | 0.9                              | 99.1  |
| 6  |  | 8.51             | 8.18  | Mutual      | 9.2                              | 90.8  |
| 7  |  | 11.97            | 7.56  | Mutual      | 15.8                             | 84.2  |
| 8  |  | 14.33            | 11.30 | Modified    | 2.8                              | 97.2  |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

## 142620014 (Page 2)

| ID | Image                                                                               | Size (μm)<br>W H |       | Morphology    | EDS composition in Wt.%<br>Ag Au |       |
|----|-------------------------------------------------------------------------------------|------------------|-------|---------------|----------------------------------|-------|
| 9  |    | 12.43            | 10.46 | Crystalline   | 0                                | 100.0 |
| 10 |    | 18.75            | 7.84  | Modified      | 1.6                              | 98.5  |
| 11 |    | 45.14            | 22.07 | Modified      | 6.6                              | 93.4  |
| 12 |    | 23.79            | 13.33 | Intergranular | 0                                | 100.0 |
| 13 |    | 22.67            | 18.13 | Modified      | 0.7                              | 99.3  |
| 14 |    | 20.57            | 20.07 | Crystalline   | 3.2                              | 96.8  |
| 15 |    | 12.13            | 8.18  | Intergranular | 19.1                             | 80.9  |
| 16 |   | 31.51            | 13.15 | Modified      | 21.9                             | 78.2  |
| 17 |  | 13.05            | 12.29 | Modified      | 40.3                             | 59.7  |
| 18 |  | 38.06            | 19.27 | Intergranular | 16.5                             | 83.5  |
| 19 |  | 32.54            | 32.37 | Crystalline   | 12.3                             | 87.7  |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb



## 142620014 (Page 3)

| ID | Image                                                                             | Size<br>W | ( $\mu$ m)<br>H | Morphology | EDS<br>Ag | composition in Wt.%<br>Au |
|----|-----------------------------------------------------------------------------------|-----------|-----------------|------------|-----------|---------------------------|
| 20 |  | 22.40     | 9.75            | Modified   | 1.5       | 98.5                      |
| 21 |  | 16.19     | 11.15           | Modified   | 1.5       | 98.5                      |
| 22 |  | 26.43     | 13.79           | Modified   | 4.0       | 96.0                      |
| 23 |  | 30.62     | 17.09           | Modified   | 15.2      | 84.8                      |
| 24 |  | 225.15    | 87.22           | Modified   | 9.3       | 90.7                      |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

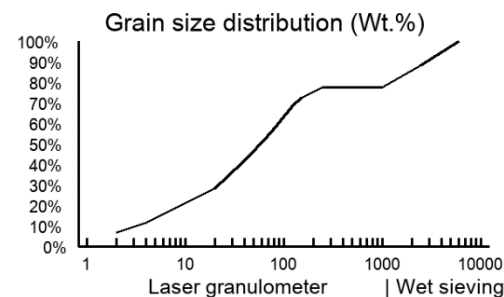
142620015

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 13.946 kg

Weight &lt; 1 mm (wet): 9.528 kg

Concentrate weight : 0.0873 g



Total count : 10 (Normalized : 10); Intergranular : 2; Modified : 7; Remobilized : 1

| ID | Image | Size<br>W H (µm) | Morphology    | EDS composition in Wt.%<br>Ag Au Os |
|----|-------|------------------|---------------|-------------------------------------|
| 1  |       | 17.81 12.80      | Intergranular | 9.8 90.2 0                          |
| 2  |       | 44.15 35.61      | Modified      | 1.2 98.8 0                          |
| 3  |       | 15.33 11.66      | Intergranular | 6.4 93.6 0                          |
| 4  |       | 18.87 13.05      | Modified      | 4.0 96.0 0                          |
| 5  |       | 17.23 15.38      | Modified      | 0.9 99.0 0                          |
| 6  |       | 25.72 8.59       | Modified      | 26.5 71.3 2.1                       |
| 7  |       | 27.79 18.42      | Modified      | 8.8 91.2 0                          |
| 8  |       | 15.08 10.73      | Modified      | 5.5 94.5 0                          |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Ir, Pt, Hg, Pb

## 142620015 (Page 2)

| ID | Image                                                                             | Size (µm) |       | Morphology  | EDS composition in Wt. % |      |    |
|----|-----------------------------------------------------------------------------------|-----------|-------|-------------|--------------------------|------|----|
|    |                                                                                   | W         | H     |             | Ag                       | Au   | Os |
| 9  |  | 45.66     | 28.56 | Remobilized | 5.8                      | 94.2 | 0  |
| 10 |  | 59.69     | 35.59 | Modified    | 7.9                      | 92.1 | 0  |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Ir, Pt, Hg, Pb

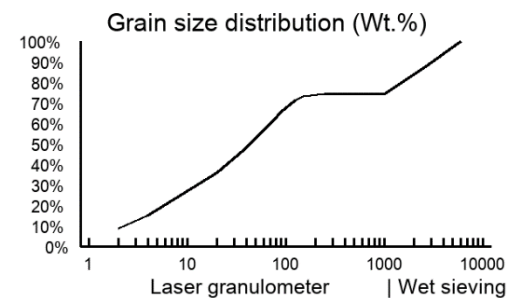
# 142620016

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 15.098 kg

Weight < 1 mm (wet): 10.336 kg

Concentrate weight : 0.0688 g



Total count : 4 (Normalized : 3); Modified : 4

| ID | Image                                                                             | Size<br>W H (µm) | Morphology | EDS composition in Wt.%<br>Ag Au |
|----|-----------------------------------------------------------------------------------|------------------|------------|----------------------------------|
| 1  |  | 24.83 18.88      | Modified   | 12.7 87.3                        |
| 2  |  | 29.99 14.99      | Modified   | 3.1 96.9                         |
| 3  |  | 28.86 23.03      | Modified   | 18.0 82.0                        |
| 4  |  | 49.37 38.84      | Modified   | 2.5 97.5                         |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

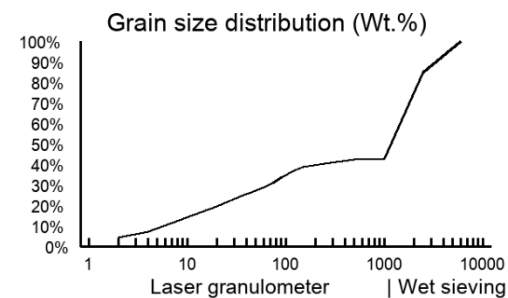
# 142620017

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 15.203 kg

Weight < 1 mm (wet): 6.445 kg

Concentrate weight : 0.1126 g



Total count : 3 (Normalized : 4); Modified : 3

| ID | Image | Size<br>W H (µm) | Morphology | EDS<br>Ag Au composition in Wt.% |
|----|-------|------------------|------------|----------------------------------|
| 1  |       | 24.28 15.36      | Modified   | 4.9 95.1                         |
| 2  |       | 29.30 22.32      | Modified   | 45.7 54.3                        |
| 3  |       | 49.22 21.74      | Modified   | 6.4 93.6                         |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

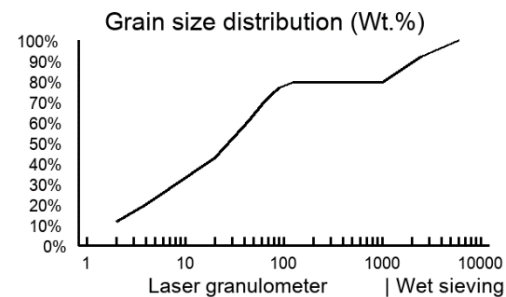
# 142620018

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 15.170 kg

Weight < 1 mm (wet): 10.881 kg

Concentrate weight : 0.0369 g



Total count : 5 (Normalized : 4); Modified : 5

| ID | Image | Size<br>W H (µm) | Morphology | EDS<br>Ag Au composition in Wt.% |
|----|-------|------------------|------------|----------------------------------|
| 1  |       | 51.57 23.97      | Modified   | 1.2 98.8                         |
| 2  |       | 12.46 10.37      | Modified   | 13.7 86.3                        |
| 3  |       | 52.50 46.03      | Modified   | 7.4 92.6                         |
| 4  |       | 50.28 27.21      | Modified   | 3.5 96.5                         |
| 5  |       | 33.88 20.87      | Modified   | 9.7 90.3                         |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

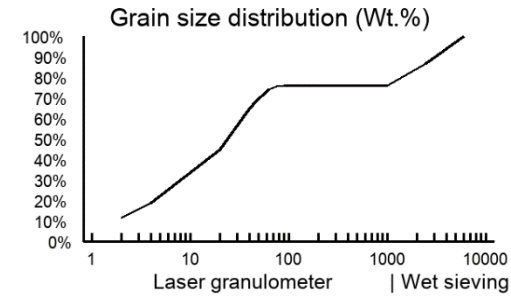
# 142620019

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 7.663 kg

Weight < 1 mm (wet): 5.074 kg

Concentrate weight : 0.0415 g



Total count : 4 (Normalized : 7); Modified : 3; Remobilized : 1

| ID | Image | Size (µm)<br>W H |       | Morphology  | EDS composition in Wt.%<br>Ag Au |      |
|----|-------|------------------|-------|-------------|----------------------------------|------|
| 1  |       | 22.25            | 11.35 | Modified    | 6.2                              | 93.8 |
| 2  |       | 54.43            | 35.76 | Remobilized | 5.9                              | 94.1 |
| 3  |       | 20.12            | 12.32 | Modified    | 6.0                              | 94.0 |
| 4  |       | 22.49            | 13.97 | Modified    | 43.5                             | 56.5 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

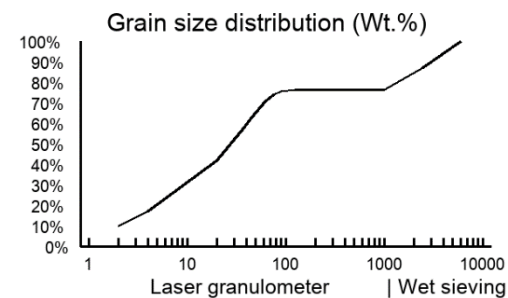
# 142620020

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 7.337 kg

Weight < 1 mm (wet): 4.966 kg

Concentrate weight : 0.0988 g



Total count : 2 (Normalized : 4); Intergranular : 1; Modified : 1

| ID | Image                                                                             | Size (µm)<br>W H |       | Morphology    | EDS composition in Wt.%<br>Ag Au |      |
|----|-----------------------------------------------------------------------------------|------------------|-------|---------------|----------------------------------|------|
| 1  |  | 23.34            | 14.66 | Intergranular | 26.8                             | 73.2 |
| 2  |  | 66.50            | 37.82 | Modified      | 28.5                             | 71.5 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb



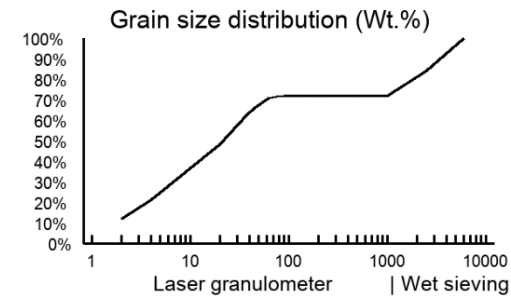
142620021

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 14.650 kg

Weight &lt; 1 mm (wet): 9.843 kg

Concentrate weight : 0.0266 g



Total count : 11 (Normalized : 11); Intergranular : 1; Modified : 9; Remobilized : 1

| ID | Image                                                                               | Size<br>W H (µm) | Morphology    | EDS composition in Wt.%<br>Ag Au |
|----|-------------------------------------------------------------------------------------|------------------|---------------|----------------------------------|
| 1  |    | 69.37 22.59      | Modified      | 10.8 89.2                        |
| 2  |    | 16.17 15.96      | Modified      | 0.7 99.3                         |
| 3  |    | 17.30 10.72      | Intergranular | 8.0 92.0                         |
| 4  |    | 33.52 20.45      | Modified      | 18.2 81.8                        |
| 5  |   | 37.88 35.14      | Modified      | 17.9 82.2                        |
| 6  |  | 28.59 19.24      | Modified      | 11.7 88.3                        |
| 7  |  | 45.84 18.92      | Modified      | 1.4 98.6                         |
| 8  |  | 38.41 18.65      | Modified      | 0 100.0                          |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

## 142620021 (Page 2)

| ID | Image                                                                             | Size (µm) |       | Morphology  | EDS composition in Wt. % |       |
|----|-----------------------------------------------------------------------------------|-----------|-------|-------------|--------------------------|-------|
|    |                                                                                   | W         | H     |             | Ag                       | Au    |
| 9  |  | 23.86     | 4.74  | Remobilized | 0                        | 100.0 |
| 10 |  | 18.27     | 11.70 | Modified    | 1.0                      | 99.0  |
| 11 |  | 52.91     | 48.67 | Modified    | 2.5                      | 97.5  |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

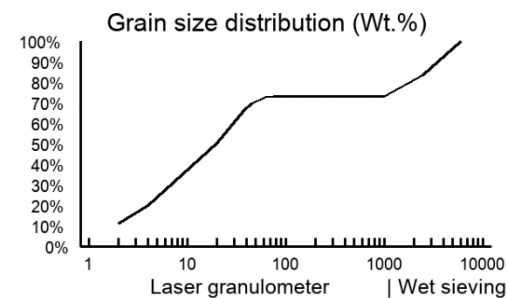
142620022

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 10.886 kg

Weight &lt; 1 mm (wet): 6.775 kg

Concentrate weight : 0.0972 g



Total count : 2 (Normalized : 2); Modified : 2

| ID | Image                                                                             | Size (µm)<br>W H |       | Morphology | EDS composition in Wt.%<br>Ag Au |       |
|----|-----------------------------------------------------------------------------------|------------------|-------|------------|----------------------------------|-------|
| 1  |  | 45.12            | 29.19 | Modified   | 5.4                              | 94.6  |
| 2  |  | 35.57            | 30.16 | Modified   | 0                                | 100.0 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

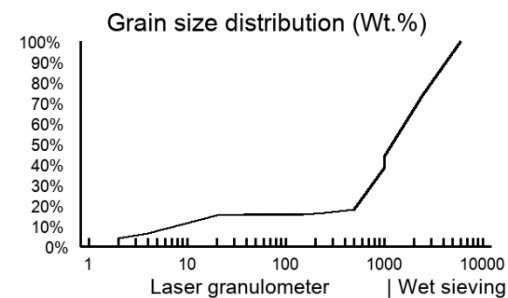
142620023

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 24.048 kg

Weight &lt; 1 mm (wet): 10.980 kg

Concentrate weight : 0.0455 g



Total count : 3 (Normalized : 2); Modified : 2; Mutual : 1

| ID | Image                                                                             | Size (µm)<br>W H |       | Morphology | EDS composition in Wt.%<br>Ag Au |       |
|----|-----------------------------------------------------------------------------------|------------------|-------|------------|----------------------------------|-------|
| 1  |  | 12.51            | 9.32  | Mutual     | 21.4                             | 78.6  |
| 2  |  | 68.97            | 42.08 | Modified   | 0.8                              | 99.2  |
| 3  |  | 76.91            | 65.01 | Modified   | 0                                | 100.0 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

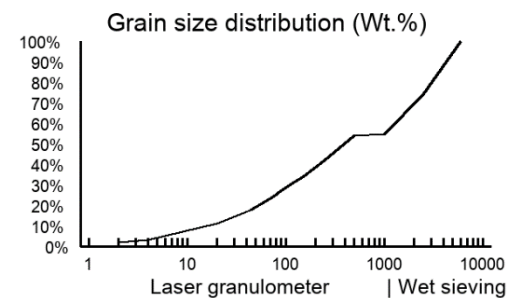
142620024

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 13.556 kg

Weight &lt; 1 mm (wet): 7.260 kg

Concentrate weight : 0.0594 g



Total count : 2 (Normalized : 2); Modified : 2

| ID | Image                                                                             | Size (µm) |       | Morphology | EDS composition in Wt.% |      |
|----|-----------------------------------------------------------------------------------|-----------|-------|------------|-------------------------|------|
|    |                                                                                   | W         | H     |            | Ag                      | Au   |
| 1  |  | 30.91     | 16.60 | Modified   | 13.0                    | 87.0 |
| 2  |  | 45.62     | 26.07 | Modified   | 22.2                    | 77.8 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

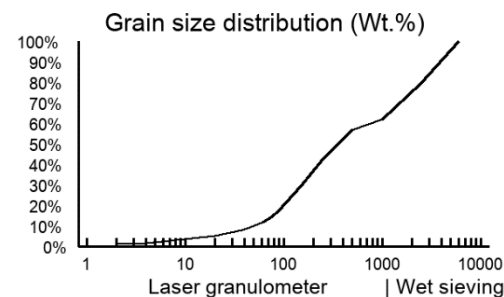
142620025

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 14.490 kg

Weight &lt; 1 mm (wet): 8.682 kg

Concentrate weight : 0.0467 g



Total count : 8 (Normalized : 9); Intergranular : 2; Modified : 6

| ID | Image | Size<br>W | (µm)<br>H | Morphology    | EDS<br>Ag | composition in Wt.%<br>Au |
|----|-------|-----------|-----------|---------------|-----------|---------------------------|
| 1  |       | 23.84     | 16.31     | Intergranular | 11.6      | 88.4                      |
| 2  |       | 32.47     | 16.69     | Modified      | 25.0      | 75.0                      |
| 3  |       | 42.81     | 27.73     | Modified      | 24.2      | 75.8                      |
| 4  |       | 69.46     | 34.63     | Modified      | 3.5       | 96.5                      |
| 5  |       | 21.35     | 18.13     | Modified      | 34.9      | 65.1                      |
| 6  |       | 53.52     | 37.26     | Modified      | 7.9       | 92.1                      |
| 7  |       | 38.53     | 22.06     | Intergranular | 7.7       | 92.3                      |
| 8  |       | 506.93    | 189.70    | Modified      | 0         | 100.0                     |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

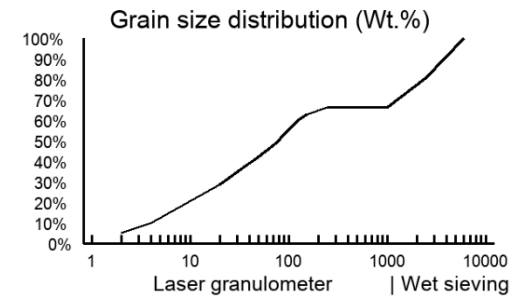
# 142620026

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 15.166 kg

Weight < 1 mm (wet): 9.472 kg

Concentrate weight : 0.0612 g



Total count : 3 (Normalized : 3); Crystalline : 1; Modified : 2

| ID | Image                                                                             | Size (µm) |       | Morphology  | EDS composition in Wt.% |      |
|----|-----------------------------------------------------------------------------------|-----------|-------|-------------|-------------------------|------|
|    |                                                                                   | W         | H     |             | Ag                      | Au   |
| 1  |  | 53.57     | 26.90 | Modified    | 4.3                     | 95.7 |
| 2  |  | 40.06     | 23.84 | Modified    | 30.8                    | 69.2 |
| 3  |  | 34.40     | 32.46 | Crystalline | 36.0                    | 64.0 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

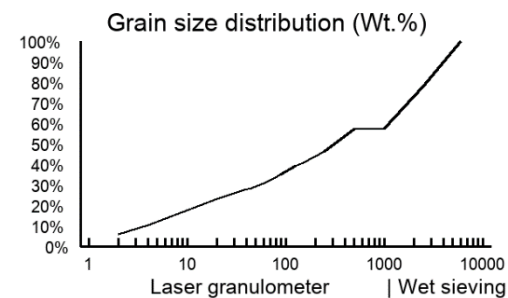
# 142620027

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 15.414 kg

Weight &lt; 1 mm (wet): 7.424 kg

Concentrate weight : 0.0872 g



Total count : 1 (Normalized : 1); Intergranular : 1

| ID | Image                                                                             | Size (µm) |       | Morphology    | EDS composition in Wt.% |      |
|----|-----------------------------------------------------------------------------------|-----------|-------|---------------|-------------------------|------|
|    |                                                                                   | W         | H     |               | Ag                      | Au   |
| 1  |  | 44.84     | 24.11 | Intergranular | 49.7                    | 50.3 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb



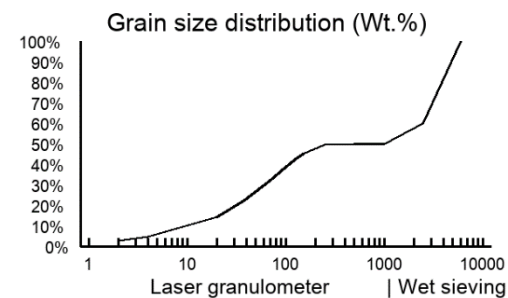
142620028

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 15.035 kg

Weight &lt; 1 mm (wet): 7.006 kg

Concentrate weight : 0.0677 g



Total count : 1 (Normalized : 1); Modified : 1

| ID | Image                                                                             | Size (µm) |       | Morphology | EDS composition in Wt.% |      |
|----|-----------------------------------------------------------------------------------|-----------|-------|------------|-------------------------|------|
|    |                                                                                   | W         | H     |            | Ag                      | Au   |
| 1  |  | 39.18     | 28.31 | Modified   | 10.3                    | 89.7 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

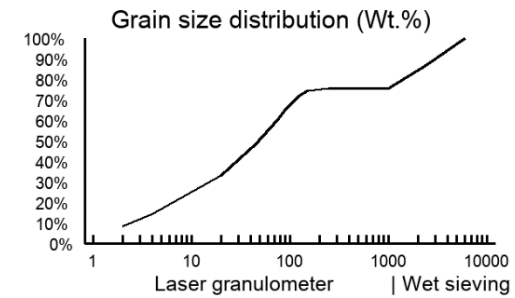
# 142620029

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 14.202 kg

Weight &lt; 1 mm (wet): 9.534 kg

Concentrate weight : 0.0261 g



Total count : 0

| ID | Image | Size (µm)<br>W H | Morphology | EDS composition in Wt.% |
|----|-------|------------------|------------|-------------------------|
|----|-------|------------------|------------|-------------------------|

\* Note that the following elements were analyzed, but no significant values were detected :  
Ag, Au, S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

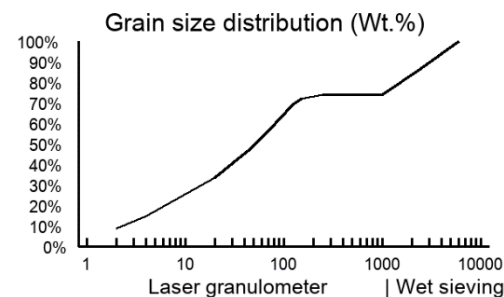
142620030

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 15.151 kg

Weight &lt; 1 mm (wet): 9.929 kg

Concentrate weight : 0.0492 g



Total count : 11 (Normalized : 11); Crystalline : 1; Intergranular : 2; Modified : 8

| ID | Image | Size<br>W H (µm) | Morphology    | EDS<br>Ag Au composition in Wt.% |
|----|-------|------------------|---------------|----------------------------------|
| 1  |       | 39.90 30.46      | Modified      | 37.2 62.8                        |
| 2  |       | 15.50 13.86      | Crystalline   | 0.8 99.2                         |
| 3  |       | 19.93 10.74      | Modified      | 12.1 87.9                        |
| 4  |       | 16.48 11.58      | Modified      | 2.4 97.6                         |
| 5  |       | 15.55 13.13      | Modified      | 30.0 70.0                        |
| 6  |       | 14.65 13.83      | Modified      | 30.6 69.4                        |
| 7  |       | 49.94 24.26      | Intergranular | 18.9 81.1                        |
| 8  |       | 29.04 12.45      | Intergranular | 12.1 87.9                        |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

## 142620030 (Page 2)

| ID | Image                                                                             | Size (µm)<br>W H |       | Morphology | EDS composition in Wt.%<br>Ag Au |      |
|----|-----------------------------------------------------------------------------------|------------------|-------|------------|----------------------------------|------|
| 9  |  | 49.94            | 36.44 | Modified   | 10.3                             | 89.7 |
| 10 |  | 28.84            | 25.47 | Modified   | 6.9                              | 93.1 |
| 11 |  | 23.59            | 16.06 | Modified   | 2.9                              | 97.1 |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

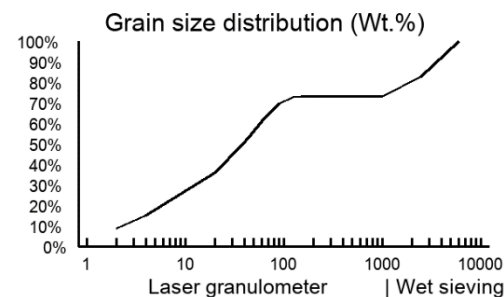
142620031

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 19.351 kg

Weight &lt; 1 mm (wet): 13.159 kg

Concentrate weight : 0.1632 g



Total count : 11 (Normalized : 8); Intergranular : 1; Modified : 8; Remobilized : 2

| ID | Image                                                                               | Size<br>W H (µm) | Morphology    | EDS composition in Wt.%<br>Ag Au |
|----|-------------------------------------------------------------------------------------|------------------|---------------|----------------------------------|
| 1  |    | 35.64 23.62      | Modified      | 16.2 83.8                        |
| 2  |    | 30.20 16.26      | Modified      | 6.6 93.4                         |
| 3  |    | 15.26 14.89      | Modified      | 18.8 81.2                        |
| 4  |    | 17.00 10.91      | Intergranular | 16.9 83.1                        |
| 5  |   | 30.98 24.72      | Modified      | 15.2 84.8                        |
| 6  |  | 24.18 17.48      | Modified      | 14.1 85.9                        |
| 7  |  | 13.91 9.67       | Modified      | 3.9 96.1                         |
| 8  |  | 34.92 27.40      | Remobilized   | 1.1 98.9                         |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

## 142620031 (Page 2)

| ID | Image                                                                             | Size<br>W H | ( $\mu$ m) | Morphology  | EDS<br>Ag | composition in Wt.%<br>Au |
|----|-----------------------------------------------------------------------------------|-------------|------------|-------------|-----------|---------------------------|
| 9  |  | 23.59       | 8.99       | Remobilized | 0.3       | 99.7                      |
| 10 |  | 44.78       | 37.28      | Modified    | 2.1       | 97.9                      |
| 11 |  | 11.72       | 10.68      | Modified    | 13.2      | 86.8                      |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

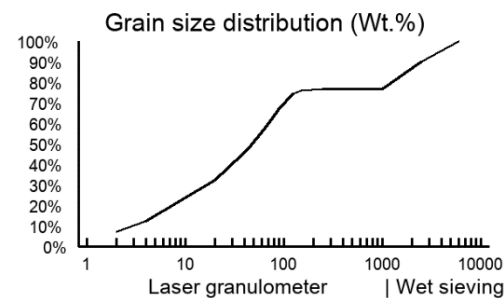
142620032

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 14.357 kg

Weight &lt; 1 mm (wet): 9.850 kg

Concentrate weight : 0.0407 g



Total count : 6 (Normalized : 6); Modified : 5; Remobilized : 1

| ID | Image | Size (µm)<br>W H |       | Morphology  | EDS composition in Wt.%<br>Ag Au |      |
|----|-------|------------------|-------|-------------|----------------------------------|------|
| 1  |       | 22.36            | 16.75 | Modified    | 4.0                              | 96.0 |
| 2  |       | 41.66            | 23.63 | Modified    | 4.1                              | 95.9 |
| 3  |       | 117.10           | 55.48 | Modified    | 2.9                              | 97.1 |
| 4  |       | 25.28            | 24.33 | Modified    | 23.7                             | 76.3 |
| 5  |       | 18.01            | 12.22 | Modified    | 10.1                             | 89.9 |
| 6  |       | 39.56            | 14.06 | Remobilized | 25.7                             | 74.3 |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

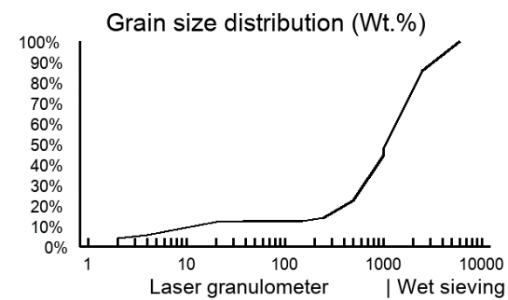
# 142620033

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 15.650 kg

Weight &lt; 1 mm (wet): 8.987 kg

Concentrate weight : 0.1426 g



Total count : 0

| ID | Image | Size (µm)<br>W H | Morphology | EDS composition in Wt.% |
|----|-------|------------------|------------|-------------------------|
|----|-------|------------------|------------|-------------------------|

\* Note that the following elements were analyzed, but no significant values were detected :

Ag, Au, S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb



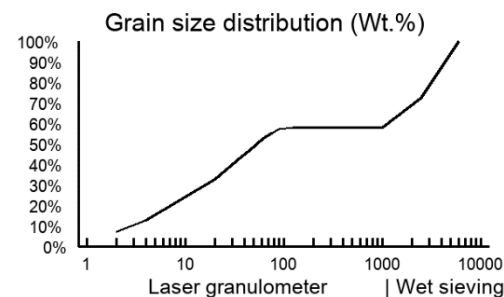
142620034

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 17.627 kg

Weight &lt; 1 mm (wet): 9.545 kg

Concentrate weight : 0.2731 g



Total count : 9 (Normalized : 9); Crystalline : 1; Intergranular : 2; Modified : 4; Remobilized : 2

| ID | Image                                                                               | Size<br>W H (µm) | Morphology    | EDS<br>Ag Au composition in Wt.% |
|----|-------------------------------------------------------------------------------------|------------------|---------------|----------------------------------|
| 1  |    | 30.07 22.69      | Modified      | 15.6 84.4                        |
| 2  |    | 12.69 8.45       | Modified      | 0 100.0                          |
| 3  |    | 47.08 9.87       | Modified      | 0 100.0                          |
| 4  |    | 37.28 31.58      | Remobilized   | 1.5 98.5                         |
| 5  |   | 42.69 33.22      | Intergranular | 19.5 80.5                        |
| 6  |  | 25.66 16.78      | Intergranular | 22.2 77.8                        |
| 7  |  | 12.09 10.38      | Crystalline   | 26.0 74.0                        |
| 8  |  | 22.11 20.05      | Modified      | 13.7 86.3                        |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

## 142620034 (Page 2)

| ID | Image                                                                             | Size (µm) |       | Morphology  | EDS composition in Wt. % |      |
|----|-----------------------------------------------------------------------------------|-----------|-------|-------------|--------------------------|------|
|    |                                                                                   | W         | H     |             | Ag                       | Au   |
| 9  |  | 57.38     | 31.21 | Remobilized | 9.1                      | 90.9 |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

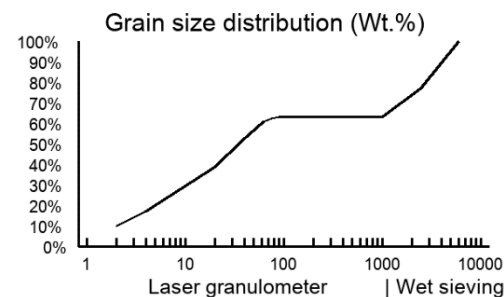
142620035

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 17.721 kg

Weight &lt; 1 mm (wet): 10.221 kg

Concentrate weight : 0.0901 g



Total count : 7 (Normalized : 6); Crystalline : 2; Intergranular : 1; Modified : 4

| ID | Image                                                                               | Size (µm) |       | Morphology    | EDS composition in Wt.% |       |
|----|-------------------------------------------------------------------------------------|-----------|-------|---------------|-------------------------|-------|
|    |                                                                                     | W         | H     |               | Ag                      | Au    |
| 1  |    | 44.75     | 31.92 | Modified      | 6.2                     | 93.8  |
| 2  |    | 25.52     | 20.85 | Modified      | 28.6                    | 71.4  |
| 3  |    | 12.97     | 6.81  | Intergranular | 31.8                    | 68.2  |
| 4  |    | 12.68     | 12.44 | Crystalline   | 8.4                     | 91.6  |
| 5  |   | 19.41     | 19.26 | Crystalline   | 0                       | 100.0 |
| 6  |  | 23.98     | 15.97 | Modified      | 11.5                    | 88.5  |
| 7  |  | 34.00     | 19.91 | Modified      | 2.9                     | 97.2  |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

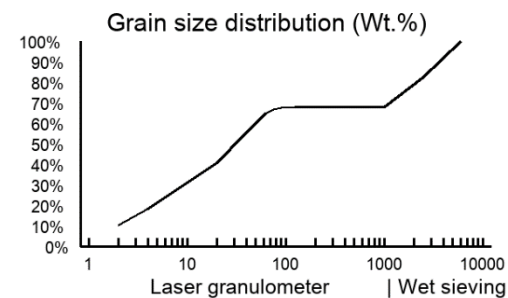
# 142620036

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 12.063 kg

Weight < 1 mm (wet): 7.529 kg

Concentrate weight : 0.0818 g



Total count : 2 (Normalized : 2); Modified : 1; Remobilized : 1

| ID | Image                                                                             | Size (µm)<br>W H |       | Morphology  | EDS composition in Wt.%<br>Ag Au |      |
|----|-----------------------------------------------------------------------------------|------------------|-------|-------------|----------------------------------|------|
| 1  |  | 18.46            | 17.35 | Modified    | 13.2                             | 86.8 |
| 2  |  | 44.02            | 20.38 | Remobilized | 17.5                             | 82.5 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

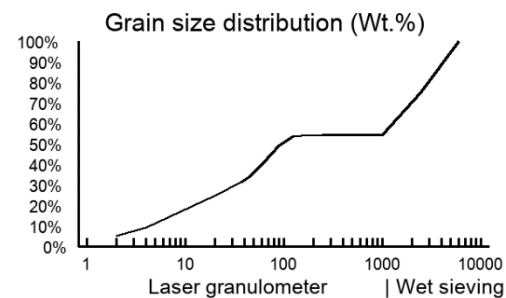
142620037

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 11.166 kg

Weight &lt; 1 mm (wet): 5.837 kg

Concentrate weight : 0.0451 g



Total count : 8 (Normalized : 13); Modified : 7; Remobilized : 1

| ID | Image | Size<br>W | (µm)<br>H | Morphology  | EDS<br>Ag | composition in Wt.%<br>Au |
|----|-------|-----------|-----------|-------------|-----------|---------------------------|
| 1  |       | 29.11     | 23.22     | Modified    | 0         | 100.0                     |
| 2  |       | 18.40     | 9.64      | Modified    | 5.4       | 94.6                      |
| 3  |       | 21.64     | 19.28     | Modified    | 31.4      | 68.5                      |
| 4  |       | 56.88     | 37.97     | Modified    | 5.8       | 94.2                      |
| 5  |       | 50.45     | 22.28     | Remobilized | 0         | 100.0                     |
| 6  |       | 109.39    | 103.73    | Modified    | 0.7       | 99.3                      |
| 7  |       | 164.70    | 114.78    | Modified    | 0.8       | 99.2                      |
| 8  |       | 87.14     | 53.38     | Modified    | 1.8       | 98.2                      |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

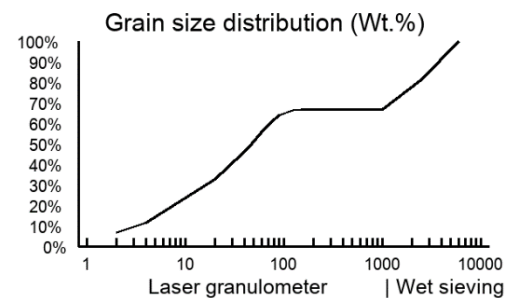
142620038

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 8.259 kg

Weight &lt; 1 mm (wet): 5.262 kg

Concentrate weight : 0.0414 g



Total count : 1 (Normalized : 1); Modified : 1

| ID | Image                                                                             | Size<br>W | (µm)<br>H | Morphology | EDS<br>Ag | composition in Wt.%<br>Au |
|----|-----------------------------------------------------------------------------------|-----------|-----------|------------|-----------|---------------------------|
| 1  |  | 27.91     | 24.86     | Modified   | 3.7       | 96.3                      |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

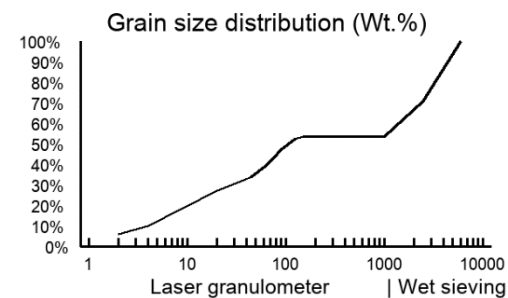
# 142620039

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 11.979 kg

Weight &lt; 1 mm (wet): 5.939 kg

Concentrate weight : 0.0644 g



Total count : 2 (Normalized : 3); Modified : 2

| ID | Image                                                                             | Size (µm) |       | Morphology | EDS composition in Wt.% |      |
|----|-----------------------------------------------------------------------------------|-----------|-------|------------|-------------------------|------|
|    |                                                                                   | W         | H     |            | Ag                      | Au   |
| 1  |  | 34.50     | 24.18 | Modified   | 3.2                     | 96.8 |
| 2  |  | 19.70     | 12.93 | Modified   | 28.4                    | 71.7 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

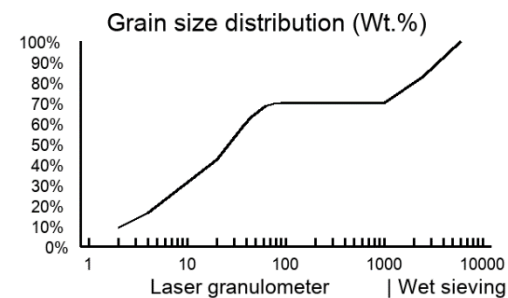
142620040

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 9.102 kg

Weight &lt; 1 mm (wet): 5.433 kg

Concentrate weight : 0.1151 g



Total count : 3 (Normalized : 5); Intergranular : 1; Modified : 1; Remobilized : 1

| ID | Image                                                                             | Size (µm)<br>W H |       | Morphology    | EDS composition in Wt.%<br>Ag Au |       |
|----|-----------------------------------------------------------------------------------|------------------|-------|---------------|----------------------------------|-------|
| 1  |  | 35.68            | 20.56 | Remobilized   | 2.4                              | 97.6  |
| 2  |  | 23.24            | 20.58 | Modified      | 0                                | 100.0 |
| 3  |  | 22.74            | 5.06  | Intergranular | 0                                | 100.0 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb



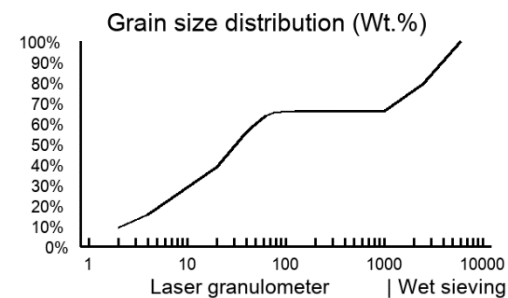
142620041

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 8.644 kg

Weight &lt; 1 mm (wet): 5.393 kg

Concentrate weight : 0.0480 g



Total count : 3 (Normalized : 5); Intergranular : 2; Remobilized : 1

| ID | Image                                                                             | Size (µm) |       | Morphology    | EDS composition in Wt.% |      |
|----|-----------------------------------------------------------------------------------|-----------|-------|---------------|-------------------------|------|
|    |                                                                                   | W         | H     |               | Ag                      | Au   |
| 1  |  | 15.10     | 8.50  | Intergranular | 25.0                    | 75.0 |
| 2  |  | 30.04     | 25.95 | Intergranular | 1.8                     | 98.2 |
| 3  |  | 24.81     | 11.24 | Remobilized   | 0.9                     | 99.1 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

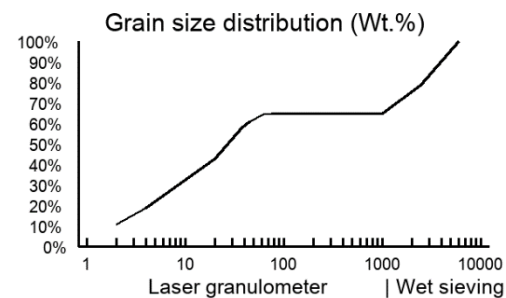
# 142620042

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 11.114 kg

Weight < 1 mm (wet): 6.318 kg

Concentrate weight : 0.1000 g



Total count : 5 (Normalized : 7); Intergranular : 1; Modified : 3; Remobilized : 1

| ID | Image                                                                              | Size (µm) |       | Morphology    | EDS composition in Wt.% |       |
|----|------------------------------------------------------------------------------------|-----------|-------|---------------|-------------------------|-------|
|    |                                                                                    | W         | H     |               | Ag                      | Au    |
| 1  |   | 28.40     | 14.48 | Modified      | 0                       | 100.0 |
| 2  |   | 16.28     | 8.06  | Modified      | 5.3                     | 94.7  |
| 3  |   | 55.97     | 33.03 | Remobilized   | 20.9                    | 79.1  |
| 4  |   | 32.27     | 26.76 | Modified      | 21.6                    | 78.5  |
| 5  |  | 14.11     | 11.86 | Intergranular | 14.2                    | 85.8  |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

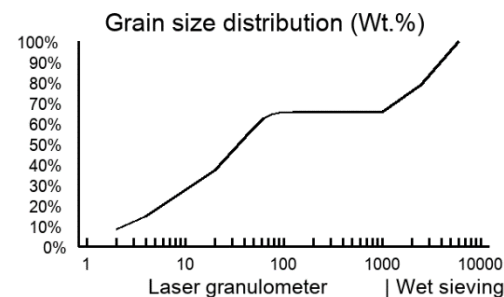
142620043

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 11.760 kg

Weight &lt; 1 mm (wet): 7.260 kg

Concentrate weight : 0.0460 g



Total count : 7 (Normalized : 9); Crystalline : 1; Intergranular : 2; Modified : 3; Remobilized : 1

| ID | Image | Size (µm)<br>W H |       | Morphology    | EDS composition in Wt.%<br>Ag Au |       |
|----|-------|------------------|-------|---------------|----------------------------------|-------|
| 1  |       | 40.80            | 36.16 | Remobilized   | 8.9                              | 91.0  |
| 2  |       | 25.84            | 23.62 | Modified      | 10.2                             | 89.8  |
| 3  |       | 59.36            | 33.76 | Modified      | 11.3                             | 88.7  |
| 4  |       | 22.96            | 17.84 | Intergranular | 8.7                              | 91.3  |
| 5  |       | 19.41            | 12.38 | Intergranular | 3.6                              | 96.4  |
| 6  |       | 45.54            | 20.62 | Crystalline   | 25.7                             | 74.3  |
| 7  |       | 47.29            | 41.45 | Modified      | 0                                | 100.0 |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

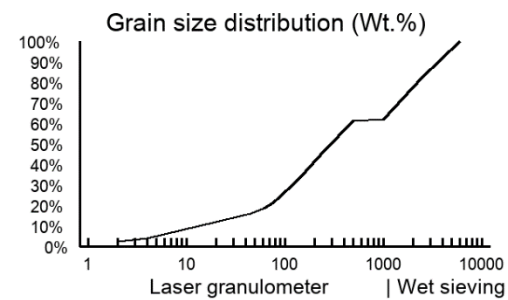
# 142620044

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 10.566 kg

Weight &lt; 1 mm (wet): 5.541 kg

Concentrate weight : 0.0336 g



Total count : 0

| ID | Image | Size (µm)<br>W<br>H | Morphology | EDS composition in Wt.% |
|----|-------|---------------------|------------|-------------------------|
|----|-------|---------------------|------------|-------------------------|

\* Note that the following elements were analyzed, but no significant values were detected :

Ag, Au, S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

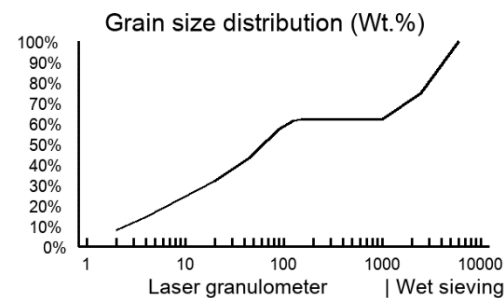
# 142620045

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 13.022 kg

Weight < 1 mm (wet): 7.188 kg

Concentrate weight : 0.1205 g



Total count : 7 (Normalized : 9); Intergranular : 2; Modified : 4; Remobilized : 1

| ID | Image | Size<br>W H (µm) | Morphology    | EDS composition in Wt.%<br>Ag Au |
|----|-------|------------------|---------------|----------------------------------|
| 1  |       | 18.53 16.82      | Intergranular | 27.7 72.3                        |
| 2  |       | 48.29 24.83      | Remobilized   | 4.5 95.5                         |
| 3  |       | 23.51 9.21       | Modified      | 20.0 80.0                        |
| 4  |       | 15.01 10.06      | Intergranular | 51.6 48.4                        |
| 5  |       | 17.51 16.13      | Modified      | 34.4 65.6                        |
| 6  |       | 7.17 5.87        | Modified      | 2.0 98.0                         |
| 7  |       | 23.68 12.75      | Modified      | 16.3 83.7                        |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

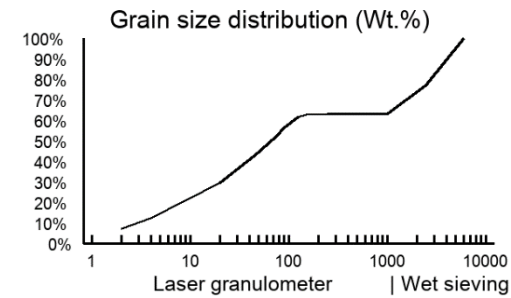
# 142620046

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 10.643 kg

Weight < 1 mm (wet): 6.355 kg

Concentrate weight : 0.1279 g



Total count : 5 (Normalized : 7); Crystalline : 1; Modified : 3; Remobilized : 1

| ID | Image                                                                              | Size (µm)<br>W H |       | Morphology  | EDS composition in Wt.%<br>Ag Au |      |
|----|------------------------------------------------------------------------------------|------------------|-------|-------------|----------------------------------|------|
| 1  |   | 43.75            | 21.52 | Modified    | 3.9                              | 96.1 |
| 2  |   | 32.02            | 25.94 | Modified    | 22.2                             | 77.8 |
| 3  |   | 20.08            | 14.37 | Remobilized | 25.6                             | 74.4 |
| 4  |   | 39.36            | 30.41 | Modified    | 10.7                             | 89.3 |
| 5  |  | 22.60            | 20.92 | Crystalline | 27.4                             | 72.6 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

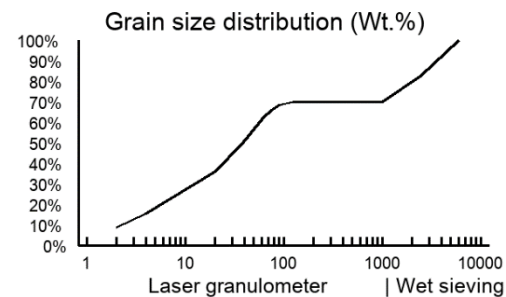
# 142620047

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 8.951 kg

Weight < 1 mm (wet): 5.530 kg

Concentrate weight : 0.0680 g



Total count : 2 (Normalized : 3); Modified : 2

| ID | Image | Size (µm)<br>W H |       | Morphology | EDS composition in Wt.%<br>Ag Au |      |
|----|-------|------------------|-------|------------|----------------------------------|------|
| 1  |       | 15.17            | 12.21 | Modified   | 39.6                             | 60.4 |
| 2  |       | 20.22            | 14.47 | Modified   | 11.5                             | 88.5 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

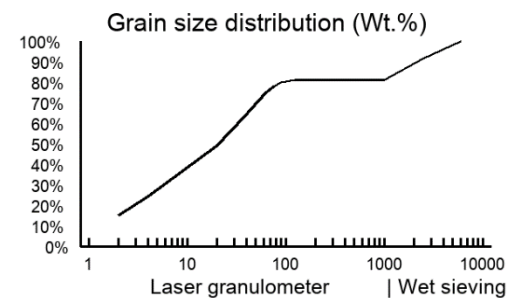
142620048

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 10.369 kg

Weight &lt; 1 mm (wet): 7.585 kg

Concentrate weight : 0.0735 g



Total count : 2 (Normalized : 2); Crystalline : 1; Modified : 1

| ID | Image                                                                             | Size (µm)<br>W H |       | Morphology  | EDS composition in Wt.%<br>Ag Au |      |
|----|-----------------------------------------------------------------------------------|------------------|-------|-------------|----------------------------------|------|
| 1  |  | 31.21            | 20.99 | Modified    | 7.2                              | 92.8 |
| 2  |  | 28.55            | 25.70 | Crystalline | 20.3                             | 79.7 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb



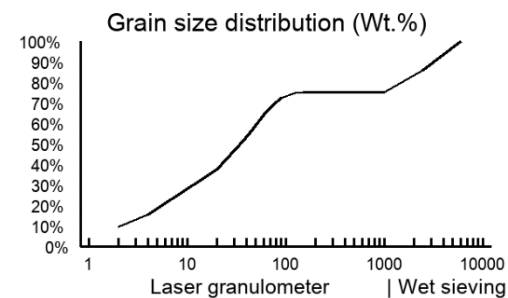
142620049

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 11.856 kg

Weight &lt; 1 mm (wet): 8.369 kg

Concentrate weight : 0.0798 g



Total count : 4 (Normalized : 4); Modified : 4

| ID | Image                                                                             | Size<br>W H (µm) | Morphology | EDS composition in Wt.%<br>Ag Au |
|----|-----------------------------------------------------------------------------------|------------------|------------|----------------------------------|
| 1  |  | 19.19 18.36      | Modified   | 12.5 87.5                        |
| 2  |  | 11.10 8.27       | Modified   | 6.0 94.0                         |
| 3  |  | 19.78 11.36      | Modified   | 0.8 99.2                         |
| 4  |  | 14.72 6.77       | Modified   | 10.7 89.3                        |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

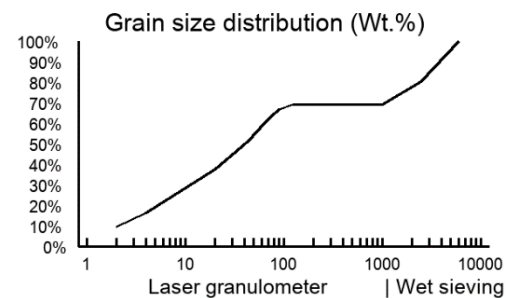
142620050

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 12.016 kg

Weight &lt; 1 mm (wet): 7.922 kg

Concentrate weight : 0.0646 g



Total count : 10 (Normalized : 12); Crystalline : 1; Modified : 8; Remobilized : 1

| ID | Image | Size<br>W H (µm) | Morphology  | EDS composition in Wt.%<br>Ag Au |
|----|-------|------------------|-------------|----------------------------------|
| 1  |       | 18.76 8.78       | Modified    | 13.8 86.2                        |
| 2  |       | 19.74 17.82      | Modified    | 10.8 89.2                        |
| 3  |       | 22.97 14.22      | Modified    | 18.2 81.8                        |
| 4  |       | 29.87 13.65      | Remobilized | 4.2 95.8                         |
| 5  |       | 10.66 6.04       | Modified    | 6.8 93.2                         |
| 6  |       | 13.71 12.21      | Crystalline | 4.9 95.1                         |
| 7  |       | 39.19 19.16      | Modified    | 6.0 94.0                         |
| 8  |       | 32.27 25.01      | Modified    | 29.1 70.9                        |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

## 142620050 (Page 2)

| ID | Image                                                                             | Size (µm) |       | Morphology | EDS composition in Wt. % |      |
|----|-----------------------------------------------------------------------------------|-----------|-------|------------|--------------------------|------|
|    |                                                                                   | W         | H     |            | Ag                       | Au   |
| 9  |  | 33.99     | 22.97 | Modified   | 6.2                      | 93.8 |
| 10 |  | 26.53     | 14.56 | Modified   | 13.2                     | 86.8 |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

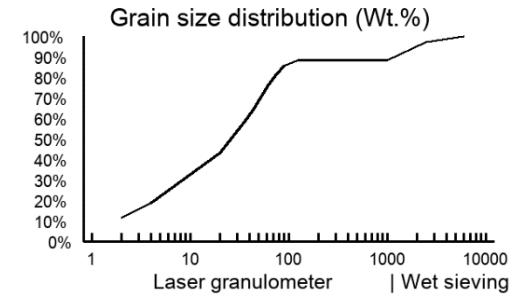
# 142620051

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 10.860 kg

Weight < 1 mm (wet): 8.305 kg

Concentrate weight : 0.0359 g



Total count : 3 (Normalized : 3); Modified : 2; Remobilized : 1

| ID | Image                                                                             | Size (µm)<br>W H |       | Morphology  | EDS composition in Wt.%<br>Ag Au |      |
|----|-----------------------------------------------------------------------------------|------------------|-------|-------------|----------------------------------|------|
| 1  |  | 55.64            | 29.49 | Modified    | 5.6                              | 94.4 |
| 2  |  | 84.95            | 30.50 | Remobilized | 14.6                             | 85.4 |
| 3  |  | 52.87            | 28.52 | Modified    | 5.2                              | 94.8 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

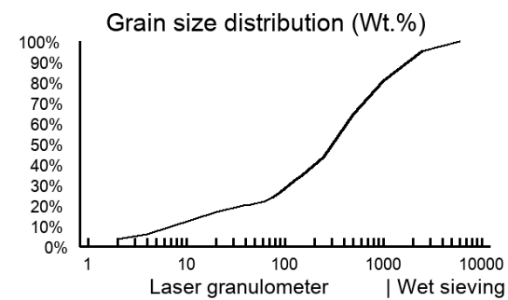
# 142620052

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 9.729 kg

Weight &lt; 1 mm (wet): 7.204 kg

Concentrate weight : 0.0755 g



Total count : 0

| ID | Image | Size (µm)<br>W H | Morphology | EDS composition in Wt.% |
|----|-------|------------------|------------|-------------------------|
|----|-------|------------------|------------|-------------------------|

\* Note that the following elements were analyzed, but no significant values were detected :

Ag, Au, S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

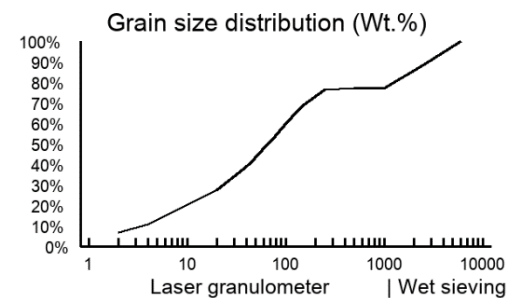
# 142620053

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 12.770 kg

Weight < 1 mm (wet): 9.676 kg

Concentrate weight : 0.1066 g



Total count : 3 (Normalized : 3); Modified : 2; Remobilized : 1

| ID | Image | Size (µm)<br>W H |       | Morphology  | EDS composition in Wt.%<br>Ag Au |       |
|----|-------|------------------|-------|-------------|----------------------------------|-------|
| 1  |       | 42.49            | 29.50 | Modified    | 0                                | 100.0 |
| 2  |       | 30.34            | 24.94 | Modified    | 17.5                             | 82.5  |
| 3  |       | 47.39            | 26.92 | Remobilized | 7.9                              | 92.1  |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

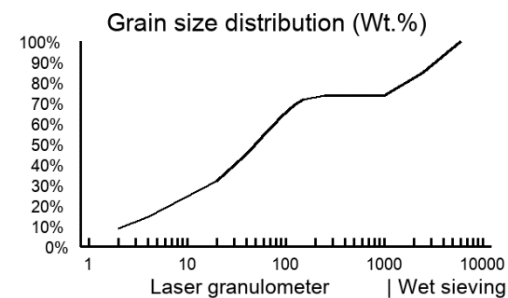
142620054

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 12.674 kg

Weight &lt; 1 mm (wet): 8.843 kg

Concentrate weight : 0.0766 g



Total count : 4 (Normalized : 4); Modified : 4

| ID | Image | Size (µm)<br>W H |       | Morphology | EDS composition in Wt.%<br>Ag Au |       |
|----|-------|------------------|-------|------------|----------------------------------|-------|
| 1  |       | 21.87            | 17.78 | Modified   | 10.0                             | 90.0  |
| 2  |       | 39.69            | 21.37 | Modified   | 3.0                              | 97.0  |
| 3  |       | 40.14            | 28.71 | Modified   | 12.8                             | 87.2  |
| 4  |       | 55.89            | 24.69 | Modified   | 0                                | 100.0 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

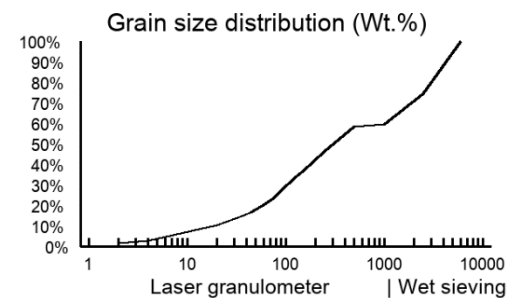
# 142620055

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 13.303 kg

Weight < 1 mm (wet): 7.349 kg

Concentrate weight : 0.0672 g



Total count : 3 (Normalized : 4); Intergranular : 1; Modified : 2

| ID | Image                                                                             | Size (µm) |       | Morphology    | EDS composition in Wt.% |      |
|----|-----------------------------------------------------------------------------------|-----------|-------|---------------|-------------------------|------|
|    |                                                                                   | W         | H     |               | Ag                      | Au   |
| 1  |  | 25.24     | 20.24 | Modified      | 14.3                    | 85.7 |
| 2  |  | 20.83     | 18.34 | Modified      | 37.8                    | 62.2 |
| 3  |  | 30.43     | 13.78 | Intergranular | 19.1                    | 80.9 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb



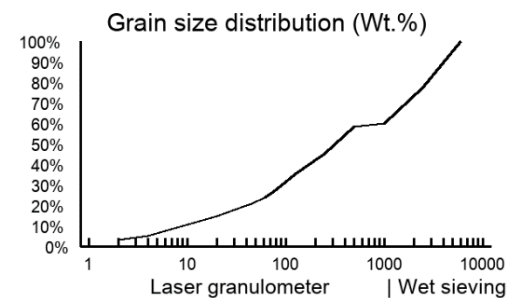
# 142620056

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 13.347 kg

Weight < 1 mm (wet): 7.778 kg

Concentrate weight : 0.0664 g



Total count : 2 (Normalized : 2); Modified : 1; Mutual : 1

| ID | Image                                                                             | Size (µm)<br>W H |       | Morphology | EDS composition in Wt.%<br>Ag Au |      |
|----|-----------------------------------------------------------------------------------|------------------|-------|------------|----------------------------------|------|
| 1  |  | 22.54            | 20.47 | Modified   | 1.7                              | 98.3 |
| 2  |  | 18.26            | 16.70 | Mutual     | 23.7                             | 76.3 |

\* Note that the following elements were analyzed, but no significant values were detected :

S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

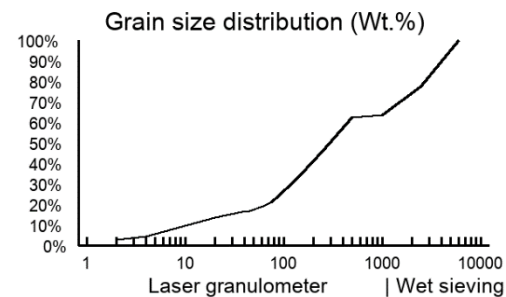
# 142620058

Fraction : ARTGold 0-1000 µm, Non-Mag

Initial weight (wet): 11.992 kg

Weight < 1 mm (wet): 6.751 kg

Concentrate weight : 0.0569 g



Total count : 5 (Normalized : 7); Modified : 4; Remobilized : 1

| ID | Image                                                                              | Size (µm)<br>W H |       | Morphology  | EDS composition in Wt.%<br>Ag Au |       |
|----|------------------------------------------------------------------------------------|------------------|-------|-------------|----------------------------------|-------|
| 1  |   | 20.52            | 16.04 | Modified    | 37.7                             | 62.3  |
| 2  |   | 44.78            | 24.75 | Remobilized | 1.7                              | 98.3  |
| 3  |   | 64.70            | 27.13 | Modified    | 0                                | 100.0 |
| 4  |   | 39.80            | 33.68 | Modified    | 0                                | 100.0 |
| 5  |  | 77.55            | 68.24 | Modified    | 1.1                              | 98.8  |

\* Note that the following elements were analyzed, but no significant values were detected :  
S, Ni, Cu, As, Se, Ru, Rh, Pd, Sn, Sb, Te, I, Os, Ir, Pt, Hg, Pb

| ÉCHANTILLON<br>IOS<br>IOS SAMPLE | N° GRAIN<br># GRAIN | CLASSE                   | DIMENSIONS |         |              | ÉLÉMENTS /ELEMENTS |         |        |         |         |         |         |         |         |        |         |         |         |                   | INTERPRÉTATION |            |
|----------------------------------|---------------------|--------------------------|------------|---------|--------------|--------------------|---------|--------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|-------------------|----------------|------------|
|                                  |                     | GRANULOMÉTRIQU           | LONGUEUR   | LARGEUR |              |                    |         |        |         |         |         |         |         |         |        |         |         |         | INTERPRETATION    | NOTE           |            |
|                                  |                     | E PARTICLE SIZE<br>CLASS |            |         | LENGTH<br>µm | WIDTH<br>µm        | Ag<br>% | S<br>% | Ni<br>% | Cu<br>% | As<br>% | Rh<br>% | Pd<br>% | Sb<br>% | I<br>% | Os<br>% | Pt<br>% | Hg<br>% |                   |                | Total<br>% |
| 142620002                        | 142620002.a         | 0-50 µm                  | 21,77      | 18,67   | 0,00         | 0,00               | 0,00    | 0,00   | 44,91   | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00   | 55,09   | 0,00    | 100,00  | Sperrylite        |                |            |
| 142620003                        | 142620003.a         | 0-50 µm                  | 14,62      | 14,39   | 0,00         | 0,00               | 0,00    | 0,00   | 49,36   | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00   | 50,64   | 0,00    | 100,00  | Sperrylite        |                |            |
| 142620011                        | 142620011.a         | 0-50 µm                  | 24,01      | 20,38   | 0,00         | 16,95              | 0,00    | 0,00   | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00   | 83,05   | 0,00    | 100,00  | Cooperite         |                |            |
| 142620012                        | 142620012.a         | 0-50 µm                  | 9,02       | 7,63    | 0,00         | 0,00               | 0,00    | 0,00   | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00   | 100,00  | 0,00    | 100,00  | Platinum          |                |            |
| 142620014                        | 142620014.a         | 0-50 µm                  | 14,29      | 13,68   | 0,00         | 0,00               | 0,00    | 0,00   | 16,45   | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00   | 83,55   | 0,00    | 100,00  | Sperrylite        |                |            |
| 142620014                        | 142620014.b         | 0-50 µm                  | 22,84      | 11,73   | 3,35         | 0,00               | 0,00    | 0,00   | 0,00    | 0,00    | 80,36   | 16,29   | 0,00    | 0,00    | 0,00   | 0,00    | 0,00    | 100,00  | Stibiopalladinite |                |            |
| 142620014                        | 142620014.c         | 0-50 µm                  | 27,06      | 22,34   | 0,00         | 0,00               | 0,00    | 0,00   | 49,44   | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00   | 50,56   | 0,00    | 100,00  | Sperrylite        |                |            |
| 142620016                        | 142620016.a         | 0-50 µm                  | 17,14      | 16,97   | 0,00         | 2,33               | 0,00    | 0,00   | 41,86   | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00   | 55,82   | 0,00    | 100,00  | Sperrylite        |                |            |
| 142620021                        | 142620021.a         | 0-50 µm                  | 26,04      | 19,94   | 0,00         | 7,91               | 0,00    | 0,00   | 0,00    | 0,00    | 2,88    | 0,00    | 0,00    | 0,00    | 0,00   | 89,21   | 0,00    | 100,00  | Cooperite         |                |            |
| 142620021                        | 142620021.b         | 0-50 µm                  | 17,25      | 10,01   | 0,00         | 2,25               | 0,00    | 0,00   | 42,63   | 2,65    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00   | 52,46   | 0,00    | 100,00  | Sperrylite        |                |            |
| 142620024                        | 142620024.a         | 0-50 µm                  | 16,87      | 14,46   | 0,00         | 31,34              | 0,00    | 0,00   | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 68,66  | 0,00    | 0,00    | 100,00  | Erichmanite       |                |            |
| 142620031                        | 142620031.a         | 0-50 µm                  | 19,98      | 18,26   | 2,06         | 0,00               | 0,00    | 0,00   | 8,46    | 0,00    | 74,78   | 14,70   | 0,00    | 0,00    | 0,00   | 0,00    | 0,00    | 100,00  | Isomertieite      |                |            |
| 142620031                        | 142620031.b         | 0-50 µm                  | 24,11      | 14,05   | 93,81        | 0,00               | 0,00    | 0,00   | 4,99    | 0,00    | 0,00    | 0,00    | 0,00    | 1,20    | 0,00   | 0,00    | 0,00    | 100,00  | Silver            |                |            |
| 142620031                        | 142620031.c         | 0-50 µm                  | 23,63      | 14,88   | 0,00         | 0,00               | 0,00    | 0,00   | 42,54   | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00   | 57,46   | 0,00    | 100,00  | Sperrylite        |                |            |
| 142620042                        | 142620042.a         | 0-50 µm                  | 23,53      | 21,06   | 0,00         | 0,00               | 0,00    | 0,00   | 46,79   | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00   | 53,21   | 0,00    | 100,00  | Sperrylite        |                |            |
| 142620048                        | 142620048.a         | 0-50 µm                  | 12,59      | 7,19    | 0,00         | 0,00               | 0,00    | 0,00   | 45,68   | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00   | 54,32   | 0,00    | 100,00  | Sperrylite        |                |            |
| 142620048                        | 142620048.b         | 0-50 µm                  | 21,66      | 20,82   | 0,00         | 16,42              | 0,00    | 0,00   | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00   | 83,58   | 0,00    | 100,00  | Cooperite         |                |            |
| 142620058                        | 142620058.a         | 0-50 µm                  | 12,72      | 11,96   | 0,00         | 0,00               | 0,00    | 0,00   | 39,86   | 0,00    | 0,00    | 0,00    | 0,00    | 0,00    | 0,00   | 60,14   | 0,00    | 100,00  | Sperrylite        |                |            |