

# GM 71133

Report on exploration activities in 2017-2018 on the Lasalle property in the James bay area

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**1. TITLE PAGE**



**NI 43-101  
Technical Report**

**JAMES BAY GOLD PROJECT**

**REPORT ON EXPLORATION ACTIVITIES IN 2017-2018  
ON THE LASALLE PROPERTY  
IN THE JAMES BAY AREA**

**MIDLAND EXPLORATION INC.**  
March 2019

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### **3. SUMMARY**

The Lasalle property, part of the James Bay Gold project, was map designated by Midland Exploration Inc. on the basis of a favourable environment for gold mineralization. Several helicopter supported reconnaissance, geological mapping, soil sampling, trenching, and drilling campaigns were undertaken between the summer of 2008 and 2012. The objective of the 2017 program was to proceed to outcrop and boulder prospecting for gold mineralization in an area that previously received less work from Midland, along an interpreted major structure between metasediment and mafic metavolcanic units. The positive results engaged a follow-up trenching program which was completed in 2018.

The 2017 five-day geological mapping and reconnaissance prospecting program confirmed the presence of a sheared contact between metasediment and the mafic metavolcanic rocks on the Lasalle property. A total of 121 outcrops and 48 boulders/sub-outcrops were described during the prospecting survey, onto which all were geochemically analyzed. A total of three significant outcropping showings were found during the five days of prospection. From east to west, the showings are named Curator, Henry, and Marcus, which respectively returned gold grades of 22.6, 7.03, and 2.35 g/t. Both the Curator and Henry showings are hosted in sheared silicified mafic metavolcanics containing pyrite mineralization. The Marcus showing differs in being rather hosted by a paragneiss unit and also by the associated returned values of 3.3% zinc and 3.3 % lead (obtained on the grab sample).

The 2018 trenching and channel sampling program covered the Curator Showing and a second sector to the east along the interpreted shear contact along the metasediments and the metavolcanics. A total of 369 channel sampled were taken and analyzed for gold on the two trenched areas. The best results were obtained along a sheared and sulfide-bearing mafic metavolcanic on the Curator Showing and returned 3.08 g/t Au over 1.25 metres, including 4.21 g/t Au over 0.75 metres. A second channel portion 3 metres to the west returned 1.87 g/t Au over 1.25 metres, including 3.09 g/t Au over 0.55 metres. The gold anomalous zone could not be extended to the east or west with the other channels.

Further prospecting, stripping, trenching and channel sampling are recommended to further evaluate the properties' potential for gold mineralization along the metavolcanic belt. Furthermore, the gold, zinc and lead Marcus showing has yet to be follow-upped.

### **4. INTRODUCTION AND TERMS OF REFERENCE**

On the basis of strong gold and or arsenic lake bottom sediment anomalies in the La Grande River area, Midland Exploration Inc. ("Midland") acquired the Lasalle property by designated map claim staking in spring of 2007. The Lasalle project is 100% owned by Midland. The Lasalle property consists of one distinct claim blocks and is part of Midland's James Bay Gold project.

This NI 43-101 technical report presents the obligation of disclosure of work undertaken on Midland's Lasalle property in 2017 and 2018 by presenting the current status of geological knowledge as well as future exploration recommendations. This report is in accordance with the Form 43-110F1 Technical Report format outlined under NI 43-101.

Midland's objectives during the 2017 five-day exploration program was to further evaluate the property's prospectivity for gold mineralization, in low to unexplored portions of the property. The focus of the campaign was in the eastern portion of the property, east of the Golden Idol Showing where a sheared contact between the metasediments and the mafic metavolcanics was observed during the trenching. A total of 121 outcrops and 48 boulders/sub-outcrops were described and sampled during the prospecting survey, onto which all were geochemically assayed. Glacial sediment coverage showed important and thus limited the outcrop exposures in the eastern part of the property. Midland's objective during the 2018 trenching program was to evaluate the Curator Showing and also an unexposed section of the interpreted shear contact between the metasediments and the metavolcanics in the easternmost portion of the property. A total of 369 channel samples were collected on the two trenched areas, and all were assayed for gold.

Data from the project was generated by Midland personnel and contracted geologists-in-training and prospectors who visited the property from August 24<sup>th</sup> to 28<sup>th</sup> 2017 inclusively. Data from the trenching campaign was generated by Midland personnel who visited the property from June 5<sup>th</sup> to 14<sup>th</sup> 2018 inclusively. The field results as well as future recommendations are presented in this report.

## **5. DISCLAIMER**

Author Jean-François Larivière, the Qualified Person, has been involved on the James Bay Gold exploration program since 2008, managed and supervised the project in the field. Mr. Larivière holds a Ph.D. degree in Mineral Resources, is a member of the Ordre des Géologues du Québec (OGQ No. 1001) and is a Project Geologist for Midland Exploration Inc.

## **6. PROPERTY DESCRIPTION AND LOCATION**

The Lasalle property is in the James Bay District and is located south of the La Grande IV reservoir and hydroelectric dam, in the La Grande River area, in NTS sheet 33H. The property is located about 10 km north of the La Savonniere Lake. The Lasalle property is situated about 35 km southeast of the Mirage Outfitter camp on the James Bay Trans-Taiga road and roughly 75 km southeast of Hydro-Quebec's La Grande IV hydroelectric dam. The Lasalle property covers the southwest corner of NTS sheet 33H/09. At a larger geographic scale, the Lasalle property is located appreciatively 890 km north of Montreal City (Quebec, Canada) centred at longitude 72°26' W and latitude 53°33' N (Figure 1).

The Lasalle property is in the James Bay District and is located here under Universal Transverse Mercator ("UTM") zone 18. Geological mapping and samples within this report are all referred and positioned under map datum North American Datum 83 ("NAD83"). The approximate maximum extends of the Lasalle property boundaries are, following a clockwise direction, as follows: The northernmost boundary is located along 5,941,919 mN, the eastern bloc limit is along 676,639 mE, the southern boundary is at 5,934,861 mN and finally the western boundary extends to 663,673 mE.

Title No	NTS Map Sheet	Area (Ha)	Registry Date	Expire Date
2124245	33H09	51.2	26-09-2007	25-09-2019
2085291	33H09	51.2	23-05-2007	22-05-2019
2085292	33H09	51.2	23-05-2007	22-05-2019
2085293	33H09	51.2	23-05-2007	22-05-2019
2085294	33H09	51.2	23-05-2007	22-05-2019
2085295	33H09	51.2	23-05-2007	22-05-2019
2085296	33H09	51.2	23-05-2007	22-05-2019
2085297	33H09	51.2	23-05-2007	22-05-2019
2085302	33H09	51.2	23-05-2007	22-05-2019
2085303	33H09	51.2	23-05-2007	22-05-2019
2085304	33H09	51.2	23-05-2007	22-05-2019
2085305	33H09	51.2	23-05-2007	22-05-2019
2085312	33H09	51.2	23-05-2007	22-05-2019
2085313	33H09	51.2	23-05-2007	22-05-2019
2085314	33H09	51.2	23-05-2007	22-05-2019
2083997	33H09	51.2	15-05-2007	14-05-2019
2083998	33H09	51.2	15-05-2007	14-05-2019
2083999	33H09	51.2	15-05-2007	14-05-2019
2084000	33H09	51.2	15-05-2007	14-05-2019
2084001	33H09	51.2	15-05-2007	14-05-2019
2084002	33H09	51.2	15-05-2007	14-05-2019
2084003	33H09	51.2	15-05-2007	14-05-2019
2084004	33H09	51.2	15-05-2007	14-05-2019
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2084010	33H09	51.2	15-05-2007	14-05-2019
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2084013	33H09	51.2	15-05-2007	14-05-2019
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2084015	33H09	51.2	15-05-2007	14-05-2019
2084016	33H09	51.2	15-05-2007	14-05-2019
2084019	33H09	51.2	15-05-2007	14-05-2019
2084020	33H09	51.2	15-05-2007	14-05-2019
2084021	33H09	51.2	15-05-2007	14-05-2019
2084022	33H09	51.2	15-05-2007	14-05-2019
2084023	33H09	51.2	15-05-2007	14-05-2019
2084024	33H09	51.2	15-05-2007	14-05-2019

Title No	NTS Map Sheet	Area (Ha)	Registry Date	Expire Date
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2084026	33H09	51.2	15-05-2007	14-05-2019
2084027	33H09	51.2	15-05-2007	14-05-2019
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2084029	33H09	51.2	15-05-2007	14-05-2019
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2084032	33H09	51.2	15-05-2007	14-05-2019
2084033	33H09	51.2	15-05-2007	14-05-2019
2084034	33H09	51.2	15-05-2007	14-05-2019
2084035	33H09	51.2	15-05-2007	14-05-2019
2084036	33H09	51.2	15-05-2007	14-05-2019
2084038	33H09	51.2	15-05-2007	14-05-2019
2084039	33H09	51.2	15-05-2007	14-05-2019
2084040	33H09	51.2	15-05-2007	14-05-2019
2084041	33H09	51.2	15-05-2007	14-05-2019
2084042	33H09	51.2	15-05-2007	14-05-2019
2084043	33H09	51.2	15-05-2007	14-05-2019
2084044	33H09	51.2	15-05-2007	14-05-2019
2084045	33H09	51.2	15-05-2007	14-05-2019
2084046	33H09	51.2	15-05-2007	14-05-2019
2084048	33H09	51.2	15-05-2007	14-05-2019
2084050	33H09	51.2	15-05-2007	14-05-2019
2084052	33H09	51.2	15-05-2007	14-05-2019
2084054	33H09	51.2	15-05-2007	14-05-2019
2084056	33H09	51.2	15-05-2007	14-05-2019
2084058	33H09	51.2	15-05-2007	14-05-2019
2084060	33H09	51.2	15-05-2007	14-05-2019
2084062	33H09	51.2	15-05-2007	14-05-2019
2084064	33H09	51.2	15-05-2007	14-05-2019
2084066	33H09	51.2	15-05-2007	14-05-2019
2084070	33H09	51.2	15-05-2007	14-05-2019
2084072	33H09	51.2	15-05-2007	14-05-2019
2084074	33H09	51.2	15-05-2007	14-05-2019
2084076	33H09	51.2	15-05-2007	14-05-2019
2084078	33H09	51.2	15-05-2007	14-05-2019
2084080	33H09	51.2	15-05-2007	14-05-2019
2084082	33H09	51.2	15-05-2007	14-05-2019
2084084	33H09	51.2	15-05-2007	14-05-2019
2084086	33H09	51.2	15-05-2007	14-05-2019
2084088	33H09	51.2	15-05-2007	14-05-2019

Title No	NTS Map Sheet	Area (Ha)	Registry Date	Expire Date
2084090	33H09	51.2	15-05-2007	14-05-2019
2084092	33H09	51.2	15-05-2007	14-05-2019
2084094	33H09	51.2	15-05-2007	14-05-2019
2084096	33H09	51.2	15-05-2007	14-05-2019
2084098	33H09	51.2	15-05-2007	14-05-2019
2084100	33H09	51.2	15-05-2007	14-05-2019
2084102	33H09	51.2	15-05-2007	14-05-2019
2084104	33H09	51.2	15-05-2007	14-05-2019
2084106	33H09	51.2	15-05-2007	14-05-2019
2084108	33H09	51.2	15-05-2007	14-05-2019
2084110	33H09	51.2	15-05-2007	14-05-2019
2084112	33H09	51.2	15-05-2007	14-05-2019
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2084140	33H09	51.2	15-05-2007	14-05-2019
2084169	33H10	51.2	15-05-2007	14-05-2019
2084170	33H10	51.2	15-05-2007	14-05-2019
2084171	33H10	51.2	15-05-2007	14-05-2019
2084172	33H10	51.2	15-05-2007	14-05-2019
2084173	33H10	51.2	15-05-2007	14-05-2019
2084174	33H10	51.2	15-05-2007	14-05-2019
2084175	33H10	51.2	15-05-2007	14-05-2019
2084176	33H10	51.2	15-05-2007	14-05-2019
2084177	33H10	51.2	15-05-2007	14-05-2019
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2084179	33H10	51.2	15-05-2007	14-05-2019
2084180	33H10	51.2	15-05-2007	14-05-2019
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2084182	33H10	51.2	15-05-2007	14-05-2019
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2120297	33H09	51.2	06-09-2007	05-09-2019
2120298	33H09	51.2	06-09-2007	05-09-2019
2485046	33H09	51.2	21-03-2017	20-03-2019
2485047	33H09	51.2	21-03-2017	20-03-2019

Table 6.1: Lasalle property claim list

The Lasalle property consists of 115 map designated claims covering approximately 58.7 square kilometres (Figure 2). The property has not been legally land-surveyed, but designated claim

boundaries are delimited in Quebec according to the international longitude/latitude coordinate system where each claim is 00°00'30''N by 00°00'30''E in surface (claim list in Table 6.1).

### **6.3 TERMS OF EXPLORATION AGREEMENT ON THE JAMES BAY GOLD PROJECT**

Midland currently owns 100% interest in the property. Midland and Agnico-Eagle Mines Limited (“Agnico-Eagle”) signed a joint venture option agreement the 1<sup>st</sup> of February 2008 whereby Agnico-Eagle has to right to earn 65% interest in the Lasalle, Lasalle South, Lasalle A, Lasalle B Lasalle C, Galinée, Galinée South and Galinée W properties. Under this agreement, Agnico-Eagle could earn 50% of Midland’s interest in the property, by spending a total of \$4,500,000 in exploration work and making payments totalling \$300,000 over four years. Agnico-Eagle must spend \$600,000 in exploration work during the first year (firm commitment). Midland will be the initial operator until Agnico-Eagle acquires 50% interest in the project. Upon acquiring 50% interest, the company had the option to increase its undivided interest in the project from 50% to 65% over a period of three years, by solely financing a bankable feasibility study on the James Bay Gold project or by solely assuming all mining operations on the project, earning 1% additional interest for every \$1,000,000 spent on the property (up to 15% by spending \$15 million). However, due to market conditions, Agnico-Eagle decided not to pursue the option agreement during summer 2010 and dropped the option proposal.

## **7. ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY**

The property is characterized by a small number of minor contained lakes, medium-sized lakes, streams and bogs. Large lakes are present near the boundaries of the property. There are relatively little topographic variations and the terrain is rather covered with rounded small to medium-sized hills. The property is located within Taiga-type forest mainly composed of spruce, larch and pine varying from locally thickly dense forested to thinly open-spaced with lichen openings. Vegetation cover is present throughout the property and important boulder fields are present. Weather conditions typically range from -40°C to 35°C year-round and snow cover is present from early November to April. While the property can be accessed year long, practical transportation is restricted due to freeze-up (mid-October to mid-November) and break-up of ice (typically mid-April to mid-May). The Lasalle property is dominated by the presence of an important glacial deposit cover, mainly found in areas of soft topography. Good rock exposures on these two properties are less common than elsewhere in the James Bay area. Nevertheless, good outcrops are present (approximately 3%) throughout the properties, mainly around areas of rougher topography.

There are numerous ways to access all the properties. Firstly, access to the property can be done by helicopter either from the Mirage Outfitter base (at km 358) on the James Bay Trans-Taiga road or at Hydro-Quebec’s La-Grande IV airport, each located respectively at 37 north--northwest and at 82 km west-northwest of the property. Access by helicopter is the most convenient way to efficiently transport troops and equipment on the properties because of rapid access to the centre of the property. Furthermore, the helicopter bases described above, more specifically the Mirage Outfitter Camp base, are located quite close to the property and well equipped to support helicopters. However, a denial of access to all of Hydro-Quebec’s airports and helipads by the owners is currently in effect in James Bay. A less expensive alternative to

access the property is by hydroplane because of the presence of a good number of large lakes nearby. These large lakes are at least 1 km long or wide. However, few of them were studied as whether a hydroplane could land or not. Camps could then be established on the shore of chosen lakes for further inland prospecting. Using this method, the property could be conveniently reached by the Mirage Outfitter hydro base, described above or, at a further distance, from the Cargair Outfitter LG 4 base hydroplane base (km 286 on the Trans-Taiga road) located approximately 86 km west-northwest of the property (Air Saguenay bought the base). However due to the length of the property, a helicopter supported survey is the most convenient and practical way to explore the properties. The hydroplane options would require lots of time lost to simply walking to the property. No road access is currently present on the property so ski or float equipped aircraft or helicopters are the practical way of transportation.

Major infrastructure in the area is the Mirage Outfitter base which provides accommodation, meals, floatplane base services, gasoline, aircraft Jet A fuel in a tanker, (3) helicopter landing pads, transportation of goods between Rouyn-Noranda and Mirage and other various services. Mirage is accessible by the all-season maintained Trans-Taiga Road. Hydro-Quebec's Keyano personnel facilities and LG IV airport could provide helicopter refuelling, weather information and assistance if the denial of access is lifted. Finally, the Cargair Outfitter camp provides floatplane services, accommodation and meals but is located farther away from the Lasalle property. Rouyn-Noranda and Matagami can serve as the main centre of supply and exploration services. In these cities, government and private business provide geological information databases and a high variety of quality services from prospectors to geochemical laboratories with a long history of experience of work in the James Bay area.

For the 2017 and 2018 projects, logistical transport of equipment and personnel to the Lasalle property was done via the all-season paved road from Matagami to Radisson and the maintained gravel Trans-Taiga road. Field operations were conducted from Mirage Outfitter Camp base camp using a BA+ 350 A-Star helicopter from Héli-Explore Inc. (La Sarre, Qc) for troop, equipment and sample transportation. The aircraft was refuelled at Mirage's airfield base.

## **8. HISTORY**

Previous work on the area of the Lasalle property (NTS sheet 33H/09) is limited to localized reconnaissance geological surveys, to localized geological and geophysical surveys, and to very localized diamond drill holes, at the best of our current knowledge. Because of the limited exploration work directly on the Lasalle properties, the exploration history in the La Grande River area will be presented as a first step in the following section (8.1). The previous exploration work on the area around and on the Lasalle property will be presented in section 8.2.

### **8.1 EXPLORATION HISTORY IN THE JAMES BAY AREA**

The Geological Survey of Canada conducted a regional geological reconnaissance survey in the area at a scale of 8 miles to the inch (1:1 000 000) from 1957 to 1959. Results of this survey of the La Grande River area were presented in a report by Eade (1966).

Mining exploration in the La Grande River regional area goes back to 1958 with Duncan Range Iron Mines Limited which explored for iron deposits in the surroundings of the town of Radisson. This exploration for iron in James Bay took place because of the development of iron deposits in

Labrador and in Quebec's Upper North Coast. In 1958, Main Exploration Company Limited carried out a detail geological mapping survey around Lake Yasinki (Baldwin, 1959). Exploration continued for oxide-facies iron-formations with Tyrone Mines Limited (1959-1960). Tyrone Mines Limited completed an airborne magnetic and electromagnetic survey which later identified new sulfide and iron-formation showings when they conducted a ground prospecting follow-up of the geophysical anomalies (Ekstrom, 1960; 1961). For example, Tyrone Mines Limited proceeded to reconnaissance prospecting, trenching and channel sampling in the Guyer Lake area. Results in that area were the discovery of a pyrite-gold-silver showing (0.34 g/t Au, 1.37 g/t Ag) and a lead-zinc showing (0.02% Pb and 0.12% Zn) (Ekstrom, 1960; 1961).

The opening of claim staking after the abolishment of mining concessions in 1961 brought other exploration companies to prospect for iron deposits in the La Grande River area. In 1964, Phelps Dodge Corporation of Canada Limited returned to the area, which was formerly known as Tyrone Mines Limited, and performed 10 diamond drilling holes in an iron-formation (Terroux et al., 1964). Later, in the time period from 1965 to 1967, the Ministry of Natural Resources of Québec conducted a series of geological mapping around Sakami and Long Lakes (Mills, 1967). Later, from 1973-1974 and 1977, Sharma completed a regional geological mapping survey, for the same minister, covering the La Grande River area at a scale of 1 to 100 000 (Sharma, 1974a; 1974b; 1977).

In 1971-1972, the Geological Survey of Canada completed a regional airborne magnetic survey in the James Bay area at half-mile line-spacing. This survey highlighted the presence of magnetic 'highs' associated with metavolcanic greenstone belts and iron formations. Two of these magnetic highs are present on in the Lasalle area (Midland's Lasalle and Galinée projects).

During the seventy's, SDBJ was very active in the James Bay Territory. Several showings were discovered and prospected. To promote mineral exploration and economic development of the James Bay area, the SDBJ conducted a regional lake bottom sediment survey in the mid-seventies covering numerous NTS sheets in the James Bay area (Gleeson, 1975). Geochemical samples were collected at every two square kilometres and were analyzed for multiple elements (Au, As, Cu, Pb, Zn, U, etc). The main highlights of this survey were the identification of uranium anomalies in the La Grande River area and also numerous localized elevated arsenic and gold anomalies throughout the James Bay Territory. Important arsenic lake bottom anomalies are present down-ice of the Galinée properties. Gold anomalies are also noted in the surrounding area, however, the Ministère de l'Énergie et des Ressources Naturelle ("MERN") removed the gold assays from the surveys because of possible gold contamination.

Furthermore, the advancing hydroelectric plants in the James Bay area and the energy crisis of the 70s renewed exploration activities in the James Bay area. The area was consequently explored for uranium deposits following the anomalous uranium corridor highlighted by SDBJ's regional lake bottom sediment survey in 1975. These anomalous results precipitated the creation of Groupe Minier S.E.S ("SES") which incorporated 1) Séru Nucléaire Ltée, which later became the French Compagnie générale des matières nucléaires ("COGÉMA") and finally Areva Nuclear Cycle, and 2) Eldorado Nuclear Ltd, now the Canadian Mining and Energy Company ("CAMECO"), to explore for uranium in the James Bay area. Cooperative exploration work by SES and SDBJ identified uranium bearing pegmatites and veins by radiometric prospecting. These showing were subject to geophysical surveys, trenching and drilling and small tonnage uranium resources were delimited (Schumacher and Fouques, 1979). In more details, from 1975

to 1979, SES completed compilation work, reconnaissance prospecting, an airborne geophysical magnetic and radiometric survey, several localized ground geophysical follow-up grids and a total of 23 drill holes along the Guyer Lake Belt (Schumacher and Fouques, 1979) which is located 150 km to the west of the Lasalle property. The majority of the work completed is not located in NTS sheet 33H/09 and therefore exploration was limited to reconnaissance in this current area of interest.

In 1984, another regional geological mapping survey by Ciesielski was done in the La Grande River area for the Geological Survey of Canada (Ciesielski, 1984). This was followed by punctual studies by the Ministry of Natural Resources of Quebec that were mainly concentrated on the greenstone belts of the western James Bay area (Hocq, 1985). More recently, the Ministry of Natural Resources of Quebec completed a geological mapping campaign covering the James Bay area at scales of 1:50 000 and 1:250 000 (Chartrand and Gauthier, 1995) to promote the economic potential of the area and also to offer up-to date geological information to exploration companies. To further promote mineral exploration, Gauthier et al. (1997) completed a compilation of known showings and occurrences in the La Grande River area. Finally, a geological map (at a scale of 1:250 000) of the Sauvolles Lake area (NTS sheet 33H), which covers the regional area of the Lasalle property, is published by Gauthier in 1996 where geology, mineral occurrences and showings are reported and compiled (Gauthier, 1996).

## **8.2 EXPLORATION HISTORY ON THE LASALLE PROPERTY**

In the time period from February to March 2005, Sirios Resources Inc. (“Sirios”) acquired the mining rights for the Escale property (mining exploration permits (P.E.M.) 965 and 979), previously owned in part by Jean Descarreaux and Associates Limited, by G. Klein and G. Lamothe (Desbiens, 1995a). In March of the same year, Sirios contracted Dighem, a division of CGG Canada Limited at that time, to conduct a DIGHEM-V helicopter airborne magnetic and electromagnetic geophysical survey over the eastern section their Escale property (Pritchard, 1995a). Later, in October 1995, Sirios contracted again Dighem to conduct a similar geophysical survey over the western part of their Escale property (Pritchard, 1995b). This survey is covered by the current position of the Lasalle property.

During the summer of 1995, from July to September, Sirios proceeded to a prospecting and geological mapping survey on their Escale property (Desbiens, 1995a). The eleven men team survey was conducted from the Mirage Outfitter Base and was supported by a helicopter. Their objectives were to investigate the electromagnetic anomalies and trends highlighted by the earlier geophysical survey. The prospecting campaign was also directed towards gossan zones with the use of VLF and BeepMat equipment. Several showings were identified during that campaign, of which a certain number are located on the current position of the Lasalle property (Desbiens, 1995a). A brief description of these showings is presented in the following lines. 1)The Bouchard showing, found in 1994 by G.L. Géoservices Inc. prospectors brought forward a boulder field which returned values up to 1.95 g/t gold. Re-sampling, in 1995, returned values up-to 3.68 g/t gold. Trenching and stripping revealed an oxide-facies iron formation and the maximum gold value obtained was 210 ppb along 1.5 metres. 2)The Lac Escale showing was initially discovered in 1994 by a team of prospectors from G.L. Géoservices Inc. contracted by Noranda Exploration Company Limited (“Noranda Exploration”) just north of the Escale Lake. The exploration work of Noranda Exploration in the area has not been submitted publicly. A silicate-facies iron-

formation containing up to 15% garnets was observed. Arsenopyrite (from traces up to 4%), pyrite (traces-3%) and traces of chalcopyrite are present in this 10 to 20 meters thick silicate iron formation, hosted in a mafic metavolcanic rock unit (Desbiens, 1995a). Gold values on selected grab samples returned up to 4.85 g/t. 3)The Orion showing consist in a silicate-facies iron formation boulder field that returned values up to 2.13 g/t gold on selected grab samples. 4)The Centre 1 showing consists in part of a silicified iron formation boulder containing 10% pyrite , 3% pyrrhotite and traces of chalcopyrite that returned values of 2.38 g/t gold. The showing also includes a mafic metavolcanic outcrop enclosing 3% pyrrhotite that returned 0.50 g/t gold (Desbiens, 1995a). 5)The Centre 2 showing is a sheared biotite-rich metasediment (meta-grauwacke) enclosing up to 4% pyrite and locally containing 5 to 15% arsenopyrite in veinlets. Up-to 2.88 g/t gold was obtained on the outcrop on a selected grab sample. Sirios notes the fact that this showing does not present any geophysical signature on their magnetic and electromagnetic geophysical survey. Moreover, a series of tests with a voltmeter on representative samples also returned negative results (Desbiens, 1995a).

The showings described below are located on the present location of the Lasalle property. 6)The Centre 3 showing consists of silicified chloritic mafic metavolcanics with 4% pyrite and traces of pyrrhotite that returned up to 1.27 g/t Au. 7)The Centre 4 showing contains a silicified mafic metavolcanic rock unit with 1-2% pyrrhotite, traces-1% arsenopyrite, traces-3% magnetite and traces of chalcopyrite. Gold values obtained were of 0.7 g/t. 8)The Lac Sirios Nord showing was initially discovered by Eade (1966) and resampled by G.L. Géoservices Inc. in 1994 with values that returned 0.228 and 4.330 g/t gold. The showing is described as a metavolcano-sedimentary sequence dominated by biotite metasediments. The mineralization consists of 2-25% disseminated pyrite, 4% arsenopyrite and traces of pyrrhotite and chalcopyrite and returned values of 1.2 and 1.7 g/t gold on selected grab samples. Channel sampling returned 1.004 g/t gold along 1.5 metres (Desbiens, 1995a). 9)The Lac Sirios Sud showing is at a contact between a felsic metavolcanic and a metasediment (rich in biotite). The felsic metavolcanic rock unit contains traces to 2% disseminated pyrite and returned 1.07 g/t gold on a selected grab sample. 10)The Lac Sirios Sud #2 showing is rather characterized by the contact between a magnetic ultramafic rock unit and a mafic metavolcanic. Values obtained on a selected grab sample returned 1.93 g/t gold. 11)The Eade showing was first observed by Eade (1966) and consists of a sheared felsic metavolcanic rock unit containing 5-25% pyrite, 6-30% pyrrhotite, traces-1% arsenopyrite and traces of chalcopyrite. Fuschite (chrome bearing mica) is found locally (1-3%). Channel sampling returned gold values below detection limits (< 5 ppb gold). Finally, 12)the BIF showing consists of an oxide-facies iron formation 5 to 15 metres thick that returned 0.664 g/t gold on a selected grab sample (Desbiens, 1995a). Sirios' conclusions for this exploration survey are that gold is locally associated with the iron formations (Lupin-type) and that further exploration is needed. They suggested an induced polarization (IP) survey over the arsenopyrite showings because they do not show a characteristic geophysical signature on their airborne magnetic and electromagnetic survey. They further suggest to complete a diamond drilling campaign on the main showings (Desbiens, 1995a).

In July and August of 1995, Sirios also conducted a reconnaissance prospecting and geological survey on Jean Descarreaux and Associates Limited's Lac Thier Est property, located to the northeast of the current Lasalle property (Desbiens, 1995b). A volcano-sedimentary belt containing a oxide-facies iron formation was identified but analyses returned gold values inferior to 25 parts per billion (ppb). Recommendations are to proceed to further exploration with a till

sampling survey because the glacial deposit cover is dominant in the area (Desbiens, 1995b). Sirios was searching for silicate-facies iron-formations favourable for gold mineralization. This survey is not located on the current Lasalle property and will not be discussed in further details. Refer to Desbiens (1995b) for further information.

During January and February of 1996, Sirios conducted a diamond drilling campaign totalizing 1,025.85 metres along seven drill holes on their Escale property. Small local ground geophysical grids were established to orient the diamond drilling holes. Induced polarization, magnetic and horizontal loop electromagnetic (HLEM) geophysical surveys were performed on the grids (Bureau, 1996). The drilling campaign aimed important electromagnetic anomalies (from the airborne geophysical survey) and previously investigated mineralized outcrops (Desbiens 1996a). Refer to Desbiens (1996a) for complete description logs of the seven drill holes. Only drill hole E-07 was implanted on the current position of the Lasalle property. Drill hole E-07 intersected arsenopyrite and gold values that showed to be lower than previously sampled by surface channel sampling. Drill hole E-06 on Centre 2 showing turned out to be similar. The northern portion of Centre 2 showing is thought to be inadequately investigated (Desbiens, 1996a). The other drill holes (including E-06) will not be discussed in detail because they are not located on the current position of the Lasalle property. However, drill hole E-04 intersected gold values of 1.4 g/t along 1.95 metres and 1.9 g/t along 1.5 metres in, respectively, a oxide-facies iron formation rich in sulfide (pyrrhotite, pyrite and arsenopyrite) and also in a amphibolites-garnet-chlorite-sulfide rich altered zone (Desbiens, 1996a). The drilling campaign also intersected 3.5% zinc along 1.5 metres, hosted by an iron formation, in drill hole E-05. Sirios conclusion for the drilling campaign is that a great number of first order gold anomalies remain uninvestigated. A till and soil survey is suggested to further define the gold targets.

In the following summer, Sirios contracted Les Consultants Inlandsis Inc. (“Inlandsis”) to complete a reconnaissance till sampling survey on their Escale property. A helicopter supported four-man team, based at the Mirage Outfitter Base, sampled 80 till samples at 500 meters spacing and located 500 metres down-ice of the targeted iron formation (Charbonneau, 1996a). The till samples were then concentrated on a Wilfrey table to enable gold grain counting. The magnetic portion of the heavy mineral concentrate was removed with a magnet. Four samples containing a great number of visible gold grains were identified; samples C-21, Bt-1, C-1 and C-7. However, the location of these samples were not submitted in this report and therefore not included in the report of Charbonneau (1996a). The positions of these samples are given in Ross (1998). Inlandsis suggest that the source for the four gold till anomalies is the iron formation located up-ice of the samples. Inlandsis also affirms that there is an elevated chance of discovering economical gold values up-ice of samples C-21 and C-1. However, a more detailed till follow-up is suggested and required to locate with more precision the source of the anomaly. Inlandsis also suggest that the anomalies could be tested by diamond drilling the iron formation located up-ice of the till gold anomalies (Charbonneau, 1996a).

In August 1996, Virginia Gold Mines Inc. (“Virginia-A”) contracted I.O.S. Services Géoscientifiques Inc. to proceed to a rapid reconnaissance prospecting survey on its Lac Sauvolle property (P.E.M. 1090) to investigate the arsenic lake bottom anomalies identified by SDBJ’s survey (Barrette, 1996). This property was located almost entirely on the present southeast part of the current Lasalle property. They prospected the property with a Beet Map and an EM-16 (VLF) in search of mineralized outcrops and boulders. They noted the importance of the glacial cover

and the low abundance of outcrops. They also sampled a certain number of stream sediments. The results of the reconnaissance campaign are the discovery of a magnetite-chert iron formation (Figure 4). This iron formation can locally contain up-to 15% pyrrhotite-pyrite in veinlets. Analyses, only for gold on outcrops, boulders and stream sediments did not return any significant value. However, a 0.170 g/t gold value was obtained on a mineralized boulder (Barrette, 1996).

In 1996, the Ministry of Natural Resources of Quebec (MRNQ) began and proceeded to a geological mapping survey at a scale of 1:50 000 of NTS sheet 33H/09 (Labbé and Bélanger, 1998), which covers the northeastern part of the current Lasalle property.

In 1997, Makamikex L.G. Inc. conducted a reconnaissance prospecting survey on their Beric project, located about a hundred meters north of the northern boundary of the approximate centre of the current Lasalle property (Noel and Saulnier, 1997). Two prospectors and two supervising geologists accessed the property by a hydroplane. A total of about sixty samples were macroscopically observed on which about forty were sent for analysis for gold, copper, zinc and nickel by atomic absorption spectrometry. The samples came mostly from outcrops and a certain number from stream and/or lake sediment. The results of this reconnaissance survey revealed an outcrop (sample R005) containing 0.11 g/t gold, 4980 ppm of zinc and 722 ppm of copper (Figure 4). Another outcrop (sample R119-1) returned 0.095 g/t gold (Noel and Saulnier, 1997). The mineralized outcrops are reported near the contact between the granite and the metavolcano-sedimentary sequence. It is suggested to proceed to further reconnaissance work on the property.

In the summer of 1998, Sirios conducted a till follow-up survey on the gold targets identified earlier (Ross, 1998). The till sampling program objectives were to investigate three of the four anomalies highlighted by the 1996 reconnaissance till survey (Charbonneau, 1996a). The three chosen anomalies were C-21, C-7 and C-1. Three grids, over each till anomaly, were established for a more detailed and closer spaced till sampling survey. The three grids covered about 6 square kilometres and a total of 115 till samples were collected (Ross, 1998). Two of the three grids are located on the actual position of the Lasalle property (grid #1 and #2 as referred in Sirios' report). The anomalies C-1 (till grid #2) and C-7 (till grid #1), highlighted by Charboneau (1996a), are located down-ice of the Eade showing and Centre 3 showings respectively, which is just south and east of Sirios Lake. The anomaly C-21 (till grid #3) is located just the east outside of the Lasalle property, near Centre 2 showing. Two types of till samples were collected for different types of analysis. A 600 g samples was collected at every site whereas an 8-10 kg sample was collected at every three sites. Both types of samples were sieved directly on the field, sampling only the fraction smaller than 2 mm. The 600 g till samples were afterwards mechanically sieved to < 63 microns and directly sent to a Laboratory for ICP analyses on 34 elements and gold analysis by fire assay (Ross, 1998). The 8-10 kg till samples were treated differently. The heavy minerals were concentrated on a Wilfrey table and then dried. The magnetic minerals were extracted from the concentrate which was then submitted to visual counting of the gold grains by Overburden Drilling Management (Ross, 1998). The results of the 600g till samples geochemical analysis identified only 4 gold anomalous samples (higher than 10 ppb gold), the highest value being of 24 ppb gold. The two best results were located on the number #3 grid, which is just to the east outside of the actual Lasalle property. The two other anomalies (of 13 ppb gold each) are located on grid #2 on the actual position of the Lasalle property. Visual counting of the gold grains on the 8-10 kg till samples revealed that 6 of them had a count superior or equal to 10 grains. On these 6 till anomalies, two (11 and 14 grains counted) are located on grid #2 and the

other four (13 to 22 gold grains counted) on grid # 3 (Ross, 1998), the first two being on the current position of the Lasalle property. These results suggested that the grid #3 (near Centre 2 showing) seemed more interesting. Grids #1 and #2 did return till gold anomalies but was not considered as a first priority target by Sirios (Ross, 1998).

In 2004, Sirios continued exploration on its reduced size Escale property with a diamond drilling program (Doucet, 2004a; 2004b). A total of 6 diamond drilling hole was performed. These drill holes are located outside the Lasalle property and will therefore not be treated in detail. Refer to Doucet (2004a; 2004b) for further details.

From 2007 to 2008, the Quebec Ministère des Ressources Naturelles et de la Faune (“MRNF”) completed a vast airborne magnetic geophysical survey (refer to public document DP2008-01) in the northern part of the James Bay area, which covers south of the Lasalle property. Flight lines were completed at 250 metres intervals. Later in 2008, the MRNF also completed a vast airborne magnetic and radiometric geophysical survey (refer to public document DP2009-01), once again in the northern part of the James Bay area, which covers the Lasalle group properties which was not covered by the 2008 survey (Pelletier, 2008).

In 2008, Midland Exploration Inc. conducted a helicopter airborne magnetic and radiometric survey over the Lasalle property group using 200 metres spacing between flight lines. Refer to St-Hilaire (2009) (GM-64224) for further details. In the summer of the same year and following the airborne survey, a prospecting and reconnaissance program was conducted and successfully identified several gold showings (such as Golden Idol with up-to 9.09 g/t gold on selected grab samples). Refer to Larivière and Banville (2009) for further details.

During 2009-2012, Midland completed further prospecting while undergoing a trenching and channel sampling program. Two main trenches were completed, one over the Golden Idol showing and the other over the North Whip Showing. The trenching program was successful in identifying gold anomalous zones, with composites up to 2.90 g/t gold over 1.0 metre, including 4.74 g/t gold over 0.5 metre for the North Whip trench and up to 1.44 g/t gold over 2.0 metres, including 2.70 g/t over 1 metre for the Golden Idol trench. In 2010, Midland conducted a drilling program on the Lasalle property to investigate the North Whip and Golden Idol Showings. The drilling holes intersected a composite up to 0.15 g/t gold over 4.0 metres, including 0.37 g/t gold over 1.0 metre on the North Whip showing. On the Golden Idol showing, drill holes returned a composite up to 0.43 g/t gold over 3.5 metres, including 1.12 g/t gold over 0.5 metre (Larivière and Banville, 2013).

In 2017, Osisko Mining (“Osisko”) completed a 2,750 metres drilling campaign on their Escale property, the eastern neighbour to the Lasalle property. While not being on the Lasalle property directly, they however bring additional regional information. Osisko’s conclusion include that the iron formations are generally interesting but usually lack the volume element necessary to make a discovery. They note that their best drilling holes were those in the western part, near the Lasalle property boundary, hosted in mafic metavolcanic rock units. In that area, Osisko mentions the presence of a demagnetized zone over 1000 metres by 500m wide associated with altered and sheared mafic volcanics lithology affected by weak to moderate carbonate and silica alteration. Anomalous gold values were found over 182.5 metres (Gaumond, 2017).

This concludes the historical exploration work, to the best of our current knowledge, undertaken on and around the Lasalle property.

## **9. GEOLOGICAL SETTING**

### **9.1 REGIONAL GEOLOGY**

The study area lies within the south-middle east part of the Archean Superior Province of Quebec. Geological mapping and compilation studies by the Ministry of Natural Resources of Quebec (MRNF) subdivided the Superior Province into lithotectonic domains. The James Bay Gold project property area (NTS sheet 33H) lies at the junction of two domains, namely the Archean sub-province of La Grande, present in the northern section of the NTS sheet, and the Opinaca sub-province to the south (Gauthier, 1996).

The La Grande sub-province (at a regional scale) is mainly composed of an assemblage of ancient pre-tectonic tonalitic gneisses containing small metavolcano-sedimentary belts. These units are metamorphosed to amphibolite facies (Thériault et al., 1998). In NTS sheet 33H, the largest metavolcano-sedimentary belts are those of the Duhesme Group and the Trieste Belt, respectively located in the northern and southern part of the sheet. The Duhesme Group includes the Escale and Dalmas Formations which are formed by metavolcanic mafic and felsic units, horizons of iron formations and metasediments (lithic wacke) (Thériault et al., 1998). The Duhesme Group is locally intruded by ultramafic to mafic sills of the Duhesme Lake Suite. Post-tectonic monzonite and granite of the Lariboisière Suite intrude the sequence, notably the La Savonnière and Lasalle Lake intrusions. These intrusions can locally be volumetrically important (Thériault et al., 1998). The Trieste Belt is also formed by felsic and mafic metavolcanic rock units, iron formations and metasedimentary rock units.

The Opinaca sub-province is located to the south of the studied area and is mainly composed by an assemblage of granulitic gneisses. Orthopyroxene-biotite-(garnet) gneiss constitutes an important rock unit. Greenstone belts do occur (Superior Eastmain River volcanic belt) and they are mostly constituted by amphibolitic rock units (metabasalts) and felsic pyroclastics (Chartrand et Gauthier, 1995; Gauthier, 1996).

Finally, important Proterozoic diabase dykes are known to intrude the entire sequence in the area. From a metallogenic point of view, it is noteworthy to mention that at a regional scale, Chartrand and Gauthier (1995) noted the common association of arsenic and gold in the James Bay area. However, at a local scale, gold is not always associated with arsenic-rich units (Gauthier et al., 1997).

### **9.2 GLACIAL GEOLOGY**

The study of Jean Veillette (1995) on the direction of glacial drift in the regional area reveals a first general movement towards the northwest superimposed by a second major movement towards the southwest. The glacial erosion morphology (drumlins, moraines, crag-and-tails, etc.) in this region confirms that the major glacial drift episode was towards the southwest. Prest et al. (1967) propose glacial flow directions varying from N230 to N250 degrees.

Analysis of aerial photographs for the Lasalle property reveals a locally important continuous soft cover of glacial sediments.

### **9.3 LOCAL GEOLOGY**

The Lasalle property is located in the western portion of the Duhesme Lake metavolcano-sedimentary greenstone belt, named the Dusheme Group (Hocq, 1985). This metavolcano-sedimentary belt can be traced about 40 kilometres along strike and is four to five kilometres wide. It is mainly oriented east-west on the Lasalle property. The metavolcano-sedimentary sequence is sandwiched between granitic intrusions (and/or granitic gneisses). Granitic intrusions in the area of the Lasalle property are generally characterized by a high magnetic signature. The rocks assemblages on the Lasalle property were generally metamorphosed to amphibolite facies. Metamorphism and deformation on the property results in a main schistosity that is generally oriented E-W and dipping sub-vertically.

The Duhesme Group comprises three main rock formations, such as the Eascale, Dalmas and Thor Formations. These formations are generally cross-cutted by granodiorites, diorites, tonalities and monzodiorite intrusions. The Escale formation mainly consists of mafic and felsic volcanic rock units while the Dalmas Formation is rather composed by sedimentary sequences, mainly grauwacke. The contact between the two formations could represent a fault contact on the Lasalle property. Finally, the Thor Formation was not observed on the property but is characterized more to the east by polygenic conglomerates and arenites rock units (Labbé et Bélanger, 1998)

A narrow and extensive atypical ‘Y’ shape magnetic anomaly outlined by Midland’s and the MERN’s 2008 airborne survey is confirmed by geological mapping as being associated with a metavolcano-sedimentary belt characterized by mafic to felsic metavolcanics, fine-grained biotite-rich metasediments, banded iron formations (Algoma-type), and ultramafic rocks (refer to geological map at Figure 3). The north arm is traceable over 3 km and strikes southeasterly while the south arm strikes northeast to east over more than 20 kilometres. The mafic metavolcanic rock units are characterized by an abundance of amphibole and plagioclase. Up to 10% chlorite and locally up-to 15% garnet can be present in this unit, which includes the following accessory mineral in variable proportions; biotite, calcite, magnetite, pyrrhotite, pyrite and arsenopyrite. The mafic metavolcanic unit is interpreted as a meta-basalt. In the northwestern part of the Lasalle property, a magnetic 50 metres thick ultramafic metavolcanic rock unit was also observed. The felsic to intermediate metavolcanic rock units are described as light brown to grey and are mainly composed of quartz, plagioclases and varying proportions of biotite and/or sericite. The metasedimentary unit is characterized by a biotite-rich quartzofeldspathic gneiss, containing various proportions of quartz and biotite. Accessory minerals include potassic feldspars, muscovite, locally garnets and. Biotite is an important constituent of the gneiss and generally represents about 30% of the total rock volume. The iron formations observed on the Lasalle property are characterized by thin bands of magnetic highs. Two facies were observed for: A 10 to 20 meters thick oxide-facies iron formation containing 30% magnetite, up to 40% grunerite (iron amphibole) and various proportions of quartz, biotite and chlorite. Centimetric band of magnetite interlayered with bands of quartz are locally clearly visible. These quartz rich bands are interpreted as metamorphosed chert horizons. Minor to trace amounts of pyrrhotite, pyrite, chalcopyrite and arsenopyrite are associated with the iron formation. The 10 to 20 meters thick silicate-facies iron formation is mainly composed of grunerite (up to 80%). Garnet, up to

25% locally, and biotite (up to 10%) were observed as well as minor amounts of quartz, magnetite, pyrrhotite, pyrite, chalcopyrite and arsenopyrite.

The observed ‘Y’ structural feature, mentioned above, is interpreted to represent a large tight fold that has been faulted off in its hinge by a transposed dextral fault against the granitic complex to the north. The heart of the faulted fold hinge and the resulting shear zones along the transposed fault are considered very prospective for gold deposition with most gold occurrences found spatially closely associated with them. Another major topographic lineament, that crosses the entire metavolcano-sedimentary belt, is suggested as an important structural feature that strikes N70E and which can be traced over several tens of kilometres.

## 10. DEPOSIT TYPES

This section is not applicable to this report.

## 11. MINERALIZATION

The main outcrop and/or boulder showings of the Lasalle property will be presented and briefly described to the best of our current knowledge, in the present section. All significant showings between 1995 and 2017 are synthesized here. Refer to table 11.1 for showings locations.

Showing	UTM zone NAD83	Easting	Norting
North Whip	18	666974	5939151
South Whip	18	667480	5938052
Eade Nord	18	666920	5938625
Eade	18	666387	5937852
Golden Idol	18	671053	5938787
East Golden Idol	18	671722	5938920
Centre 3	18	670765	5938855
Centre 4	18	671894	5939149
Curator	18	673862	5939100
Henry	18	674517	5939246
Marcus	18	675164	5939094

Table 11.1: Position of described showings

Different styles of mineralization were observed on the Lasalle property: 1) Shear associated gold occurrences are concentrated in the centre section of the Lasalle property, closely associated with fault corridors. They are characterized by sheared metasedimentary rocks, sheared mafic, sheared felsic and sheared ultramafic metavolcanic rocks. 2) Disseminated arsenopyrite bearing biotite-rich metasedimentary rocks were also shown to host gold mineralization. 3) Finally, gold-bearing silicate-sulfide and oxide-facies iron formations occur within the metavolcano-sedimentary belt present on the Lasalle property and are sometimes associated with a anomalous zinc and lead values.

Centre 3 Showing (1995): 2.47 g/t and 0.55 g/t gold in a selected outcrop grab sample hosted in a silicified and chloritized sheared mafic metavolcanic containing 1-2% pyrrhotite and 1-5% pyrite (Desbiens, 1995a).

Centre 4 Showing (1995): 0.7 g/t gold in a selected outcrop grab sample hosted in a silicified sheared mafic metavolcanic rock containing 1 to 2% pyrrhotite, trace to 1% arsenopyrite, trace to 3% magnetite and trace of chalcopyrite (Desbiens, 1995a).

Golden Idol Showing (2008): A silicified and chloritized biotite-rich metasediment outcrop returned values of 9.09, 0.60 and 0.16 g/t gold on three selected grab samples. This metasedimentary rock unit contains 3 to 5% disseminated medium-grained arsenopyrite and minor amount of pyrrhotite. Another gold anomalous showing, the Golden Idol East showing, was found about 700 metres to the east and along strike of the Golden Idol showing. Selected grab samples, sampled about 60 metres apart, returned values of 0.33 g/t gold - 0.087% zinc and 0.09 g/t gold - 0.21% zinc respectively.

North Whip Showing (1995-2009): This showing also covers the area of the Lac Sirios Nord showing described by Sirios (Desbiens, 1995a). Values up to 4.3 g/t and 1.2g/t gold were obtained in a selected grab sample. The mineralization is hosted by a felsic metavolcanic rock unit containing up to 10% magnetite, 3 to 4% pyrite, traces of pyrrhotite and chalcopyrite, and locally 1 to 2% arsenopyrite. Octahedral pyrite (2 to 15% interpreted as magnetite replacement (Desbiens, 1995a)) is also reported. Channel sampling through the magnetite rich portion of the iron formation, by Sirios, returned 1.0 g/t gold over 1.5 metres. This mineralized zone is also reported being to being 1.5 kilometres long and 20 to 50 metres wide. The summer 2008 airborne geophysical survey suggest that the mineralized zones could extend over more than 2.5 kilometres. One drill hole aiming at four interpreted converging HLEM conductors failed to test the best portion of the auriferous discovery zone (Desbiens, 1996a). Historical follow-up (excluding prospecting) was restricted to only few hundreds of metres near that showing.

South Whip Showing (1995): Mafic and felsic metavolcanic outcrops returned values of 1.93 g/t and 1.07 g/t gold on selected grab samples. The sample that returned 1.93 g/t gold was located at the contact between a sulfidized, chloritized and amphibolitized sheared ultramafic and a mafic metavolcanic rock. The 1.7 g/t gold mineralization was in the form of disseminated pyrite (1 to 2% pyrite) bands between a biotite-rich metasediment and a felsic metavolcanic rock (Desbiens, 1995a).

Eade Nord Showing (1995): A rusty felsic metavolcanic outcrop returned up to 6.1% copper, 0.26 g/t gold and 30.8 g/t silver on a selected grab sample. This mineralization is believed to be hosted in an altered felsic metavolcanic rock unit containing up to 50% combined pyrite, pyrrhotite, chalcopyrite and arsenopyrite.

Eade Showing (1995): The Eade showing consists of a sheared felsic metavolcanic rock unit containing 5 to 25% pyrite, 6 to 30% pyrrhotite, traces to 1% arsenopyrite and traces of chalcopyrite. Fuschite (chrome bearing mica) is found locally (1-3%). Historical channel sampling, by Sirios, on this showing returned gold values below detection limits (< 5 ppb gold) (Desbiens, 1995a).

Curator Showing (2017): A silicified and sheared mafic metavolcanic rock unit containing traces of pyrite and chalcopyrite returned up to 22.6 g/t Au on a selected grab sample. The showing is hosted in a shear corridor observed along the contact between the metasediments to the south.

Henry Showing (2017): Rusty spots bearing disseminated pyrite and chalcopyrite are observed locally in the silicified and sheared mafic metavolcanic rock unit. Several grab samples were taken in the area and the best value obtained returned 7.03 g/t Au on a selected grab samples. All other samples returned < 1 g/t Au.

Marcus Showing (2017): Stringers of sphalerite and galena are hosted in a gneissic biotite orthogneiss. A selected grab sample returned up to 2.35 g/t Au, 3.3% Zn, and 3.3 % Pb.

## 12. EXPLORATION

The 2017 reconnaissance prospecting and geological mapping survey on the Lasalle property was carried-out from the 24<sup>th</sup> to the 28<sup>th</sup> of August 2017. The 2018 trenching and channel program was carried-out from the 5<sup>th</sup> to the 14<sup>th</sup> of June 2018. The programs were both supported by a helicopter from Heli-Explore Inc. and the teams were based at the Mirage Outfitter Camp for operations.

### 12.1 RECONNAISSANCE PROSPECTING AND GEOLOGICAL MAPPING

The objective of this program was to prospect for mineralized outcrops and boulders which could indicate the presence of favourable host rock for gold mineralization in the eastern portion of the Lasalle property which has received less work in the past. The contact between the metasediments and the metavolcanics was also targeted in the prospected area. All of these objectives were to rapidly and effectively evaluate parts of the property's potential for gold mineralization. The reconnaissance survey was performed by hammer prospecting along strategically planned traverses and also by helicopter low-altitude prospecting over selected areas of large boulder fields, non-outcropping areas. Due to the important cover of glacial deposits on the property, outcrops are uncommon, thus validating the future use of a till sampling follow-up survey to further evaluate the property at a broader scale.

A total of 7 traverses were completed on the Lasalle property. Traverses were completed by a team of contracted geologists-in-training teamed with Midland geologists. A total of 121 outcrops and 48 boulders/sub-outcrops were described (Figure 4). A total of 169 rock analyses were conducted throughout the entire list of visited outcrops/boulders. Sample location are listed in Table 12.1.1.

The brief prospecting campaign in summer 2017 was successful in confirming the presence of indication of a shear fault contact between the metasediments and metavolcanics rock units. A total of three new gold showings were uncovered and named the Curator, Henry, and Marcus showing which respectively returned up-to 22.6 g/t Au, 7.03 g/t Au, and 2.35 g/t Au. The Curator and the Henry showing are hosted by a sheared and silicified mafic metavolcanic containing disseminated pyrite-chalcopyrite mineralization. The Marcus Showing is hosted by a biotite gneiss and is also associated with anomalous zinc and lead values.

Lab No	Body	UTM E	UTM N	Lithology	Veins	Min.	Summary	Au (ppm)
W179179	Boulder	674846	5940202	Sandstone	EP		S1 QZ,FP,EP,PX,EP	0.007
W179181	Boulder	674849	5940195	Granite			I1B QZ,FP,BO,AM,,	-0.001
W179182	Boulder	674853	5940101	Mafic Volcanic			V3 M8 BO,PY,[FO][TL]	0.010
W179183	Boulder	674803	5940031	Paragneiss			M4	-0.001
W179184	Boulder	674796	5940024	Chert	QZ		S10 QZ,QZ,	-0.001
W179185	Boulder	674803	5940031	Granite	QZ FP		I1B QZ,FP,BO,QZ,FP,[GG]	-0.001
W179186	Boulder	674949	5939718		QZ		BO,PX,QZ,QZ,[ ]	0.010
W179187	Boulder	675049	5939561	Intermediate Intrusion	QZ		I2 M4 QZ,[TC]	0.012
W179188	Boulder	675076	5939529	Sedimentary Rock	QZ		S00 QZ,QZ,	0.024
W179189	Boulder	674878	5939411	Sedimentary Rock	QZ		S00 QZ,	-0.001
W179190	Outcrop	674652	5939093	Paragneiss	QZ		M4 BO,QZ,GR,MV,QZ,	0.003
W179191	Outcrop	674642	5939098	Quartz Vein	QZ		I1N QZ,QZ,	-0.001
W179192	Outcrop	674640	5939097	Paragneiss	QZ		M4 GR,MV,QZ,BO,QZ,	0.022
W179193	Outcrop	674568	5939064	Wacke	QZ		S3 GR,QZ,MV,QZ,[ ]	0.024
W179194	Outcrop	674856	5939135	Amphibolite	QZ		M16 AM,QZ,,QZ,[GF]	0.006
W179195	Outcrop	674852	5939127	Chert			S10 QZ,FP,	0.014
W179196	Outcrop	674934	5939070	Paragneiss	QZ		M4 QZ,	0.025
W179197	Outcrop	674937	5939071	Quartz Vein			I1N QZ,	0.007
W179198	Outcrop	674938	5939074	Quartz Vein	QZ		I1N QZ,[GG]	-0.001
W179199	Outcrop	674935	5939098	Sandstone	QZ		S1 QZ,[G4]	0.011
W179289	Boulder	672670	5940230	Iron Formation		MG	S9 QZ,FP,MG,	-0.001
W179290	Boulder	672654	5940166	Iron Formation		PY	S9 QZ,PY,[GF]	0.001
W179291	Boulder	672637	5940118	Iron Formation			S9 [GF]	-0.001
W179292	Boulder	672562	5939950				BO,CL,[SC]	0.025
W179293	Boulder	672393	5939873	Iron Formation			S9 QZ,[GF]	0.001
W179294	Boulder	672268	5939811	Pegmatite			I1G QZ,MI,FP,[GM][PG]	0.001
W179295	Boulder	672195	5939710	Iron Formation		PY	S9 QZ,PY,	-0.001
W179296	Boulder	672145	5939481	Sedimentary Rock	QZ FP	PY	S00 M4 QZ,PY,[FN]	1.090
W179297	Boulder	672146	5939481	Sedimentary Rock	QZ	PY	S00 M4 QZ,FP,BO, ,PY,[FN]	0.004

Lab No	Body	UTM E	UTM N	Lithology	Veins	Min.	Summary	Au (ppm)
W179298	Boulder	672145	5939481	Sedimentary Rock		PY	S00 M4 QZ,FP,BO,AM,PY,[GF]	-0.001
W179299	Boulder	672017	5939424		QZ		QZ,[FN]	-0.001
W179301	Outcrop	674937	5939091	Quartz Vein	QZ		I1N QZ,QZ,[]	0.005
W179302	Outcrop	674947	5939093	Quartz Vein	QZ		I1N QZ,	0.001
W179303	Outcrop	674906	5939082	Paragneiss	QZ		M4 MV,QZ,GR,QZ,[GF]	-0.001
W179304	Outcrop	674909	5939082	Quartz Vein	QZ		I1N QZ,MV,QZ,[[GG]	-0.001
W179305	Boulder	676162	5939218	Chert	QZ GR		S10 GR,QZ,PX,QZ,GR,	0.006
W179306	Outcrop	676111	5939193	Amphibolite	QZ		M16 ,QZ,[GF]	0.002
W179307	Outcrop	676114	5939191	Quartz Vein	QZ		I1N QZ,QZ,[GG]	-0.001
W179308	Outcrop	676097	5939216	Amphibolite	AM QZ		M16 AM,QZ,AM,QZ,	0.011
W179309	Outcrop	676099	5939218	Quartz Vein	QZ		I1N QZ,EP,QZ,[GG]	-0.001
W179310	Outcrop	676041	5939204	Amphibolite	QZ		M16 AM,QZ,QZ,[]	0.006
W179311	Outcrop	676040	5939207	Quartz Vein	QZ		I1N QZ,QZ,[GG]	-0.001
W179312	Boulder	675904	5939120	Amphibolite	QZ		M16 AM,QZ,QZ,	0.072
W179314	Boulder	675643	5939114	Felsic Intrusion	FP QZ		I1 FP,QZ,FP,QZ,	-0.001
W179315	Boulder	675647	5939079	Sandstone			S1 MV,CL,FC,[SD]	-0.001
W179316	Boulder	675486	5939267	Amphibolite	QZ		M16 QZ,[]	0.055
W179317	Boulder	675468	5939284	Paragneiss	QZ EP		M4 QZ,FP,BO,EP,QZ,EP,	0.059
W179318	Subcrop	675430	5939240	Paragneiss	QZ		M4 BO,QZ,QZ,	0.026
W179177	Boulder	674939	5940333	Chert	QZ		S10 QZ,QZ,	0.013
W179178	Boulder	674852	5940213	Pyroxenite			I4B PX,PG,	-0.001
W179319	Boulder	675234	5939122	Pyroxenite			I4B PX,AM,QZ,,	-0.001
W179321	Outcrop	675200	5939104	Paragneiss			M4 BO,QZ,FP,[GF]	0.010
W179322	Outcrop	675205	5939105	Quartz Vein	QZ		I1N QZ,[GG]	-0.001
W179323	Outcrop	675204	5939103	Quartz Vein	QZ		I1N QZ,[GG]	0.013
W179324	Outcrop	675209	5939110	Quartz Vein	QZ		I1N QZ,[]	0.001
W179325	Outcrop	675211	5939107	Quartz Vein	QZ		I1N QZ,QZ,	0.007
W179326	Outcrop	675216	5939111	Quartz Vein	QZ		I1N QZ,	0.004
W179327	Outcrop	675217	5939111	Quartz Vein	QZ		I1N QZ,QZ,	0.031

Lab No	Body	UTM E	UTM N	Lithology	Veins	Min.	Summary	Au (ppm)
W179328	Outcrop	675214	5939111	Paragneiss	QZ		M4 BO,FP,QZ,QZ,	0.057
W179329	Outcrop	675171	5939083	Paragneiss	QZ		M4 BOFP,QZ,QZ,	0.040
W179330	Outcrop	675052	5939055	Paragneiss			M4 MF,QZ,BO,MV,	0.013
W179331	Outcrop	675063	5939055	Paragneiss			M4 BO,QZ,FP,	0.004
W179332	Outcrop	675073	5939062	Quartz Vein	QZ		I1N QZ,[GG]	-0.001
W179333	Outcrop	675076	5939063	Paragneiss			M4	0.027
W179334	Outcrop	675092	5939078	Quartz Vein			I1N	0.010
W179335	Outcrop	675105	5939073	Quartz Vein	QZ		I1N QZ,QZ,	-0.001
W179336	Outcrop	675103	5939083	Paragneiss			M4 QZ,BO,[ ]	0.019
W179337	Outcrop	675100	5939088	Paragneiss			M4 BO,QZ,FP,	0.003
W179338	Outcrop	675114	5939076	Quartz Vein	QZ		I1N QZ,	-0.001
W179339	Outcrop	675138	5939093	Quartz Vein	QZ		I1N QZ,	0.031
W179341	Outcrop	675164	5939094	Paragneiss	QZ		M4 FP,QZ,BO,QZ,	2.350
W179342	Outcrop	675158	5939089	Quartz Vein	QZ		I1N QZ,QZ,	-0.001
W179364	Outcrop	674642	5939320	Amphibolite			M16	0.225
W179365	Outcrop	674646	5939317	Amphibolite			M16	0.102
W179366	Outcrop	674596	5939335	Amphibolite			M16 AM,	0.261
W179367	Outcrop	674585	5939332	Quartz Vein	QZ		I1N QZ,QZ,[SD]	0.018
W179368	Outcrop	674584	5939335	Amphibolite			M16 ,AM,QZ,,[ ]	0.006
W179369	Outcrop	674582	5939333	Quartz Vein			I1N QZ,[ ]	0.004
W179370	Outcrop	674581	5939334	Quartz Vein	QZ		I1N QZ,,,QZ,[SD]	0.015
W179371	Outcrop	674571	5939383	Amphibolite	QZ		M16 QZ,	0.000
W179372	Outcrop	674565	5939383	Amphibolite			M16	0.024
W179373	Outcrop	674569	5939384	Basalt			V3B	-0.001
W179374	Outcrop	674519	5939246	Quartz Vein			I1N	0.584
W179375	Outcrop	674517	5939246	Amphibolite			M16	7.030
W179376	Outcrop	674470	5939264	Amphibolite			M16 AM,QZ,	0.019
W179377	Outcrop	674455	5939267	Amphibolite	QZ		M16 QZ,	0.565
W179378	Outcrop	674624	5939293	Amphibolite			M16	0.028

Lab No	Body	UTM E	UTM N	Lithology	Veins	Min.	Summary	Au (ppm)
W179379	Outcrop	674601	5939283	Amphibolite			M16	0.006
W179381	Outcrop	674602	5939281	Quartz Vein	QZ		I1N BO,QZ,[SD]	0.013
W179382	Outcrop	674602	5939281	Amphibolite			M16	0.013
W179383	Outcrop	674592	5939226	Quartzitic Sandstone			S1A QZ,EP,	0.162
W179384	Outcrop	674591	5939224	Amphibolite			M16	0.466
W179385	Subcrop	674592	5939221	Quartz Vein			I1N	0.093
W179386	Outcrop	674588	5939222	Quartz Vein			I1N	0.116
W179387	Outcrop	674593	5939217	Sedimentary Rock			S00 BO,QZ,	0.012
W179388	Outcrop	674574	5939205	Amphibolite	QZ		M16 QZ,	0.023
W179389	Outcrop	674575	5939231	Quartz Vein	QZ		I1N QZ,	0.194
W179390	Outcrop	674555	5939202	Amphibolite			M16 CB,BO,	0.015
W179391	Subcrop	674479	5939124	Arkosic Sandstone			S1D MV,SR,BO,	0.006
W179392	Subcrop	674533	5939130	Arkosic Sandstone			S1D GR,	-0.001
W179393	Outcrop	674505	5939189					0.012
W179394	Outcrop	674574	5939260	Amphibolite			M16	0.010
W179395	Outcrop	674554	5939257	Amphibolite			M16	0.039
W179396	Outcrop	674554	5939259	Quartz Vein			I1N ,[SD]	0.190
W179397	Outcrop	674542	5939251	Amphibolite			M16	0.015
W179398	Outcrop	674541	5939251	Amphibolite			M16	0.036
W179399	Boulder	674532	5939247	Amphibolite			M16	0.005
W179401	Outcrop	671487	5939041	Iron Formation		PO	S9 QZ,PO,[GF][MA]	-0.001
W179402	Outcrop	671493	5939038		QZ AM		QZ,AM	-0.001
W179403	Outcrop	671511	5939039	Iron Formation			S9 QZ,[MA][GF]	0.002
W179404	Outcrop	671510	5939034		QZ		QZ,	-0.001
W179405	Outcrop	671511	5939036		QZ		QZ,	-0.001
W179406	Outcrop	671716	5938921	Iron Formation		PO PY	S9 QZ,PO,PY,[MA][SC][GF]	0.131
W179407	Outcrop	671720	5938918	Iron Formation		PY PO	S9 QZ,PY,PO,[MA][SC]	0.265
W179408	Outcrop	671716	5938923	Iron Formation			S9 QZ,[GF][MA][SC]	-0.001
W179409	Outcrop	671754	5938939	Iron Formation			S9 QZ,[SC][MA]	-0.001

Lab No	Body	UTM E	UTM N	Lithology	Veins	Min.	Summary	Au (ppm)
W179410	Outcrop	671737	5938935		QZ		QZ,	-0.001
W179411	Outcrop	671761	5938944	Iron Formation			S9 QZ,FC,[GF][MA][SC]	0.002
W179412	Outcrop	671756	5938929	Iron Formation		PY	S9 QZ,PY,[SC][MA][GF]	0.003
W179413	Outcrop	671745	5938963	Iron Formation		PY	S9 QZ,PY,[GF][SC]	0.003
W179414	Outcrop	671747	5938973		QZ		QZ,	-0.001
W179415	Outcrop	671766	5938972	Iron Formation		PY	S9 QZ,PY,[MA][SC][GF]	-0.001
W179416	Outcrop	671770	5938975		QZ	PY	QZ,PY,	0.001
W179417	Outcrop	671790	5938913	Iron Formation			S9 QZ,[GF][MA][SC]	-0.001
W179419	Outcrop	671791	5938910	Iron Formation	QZ	PY CP PO	S9 QZ,QZ,PY,CP,PO,[GF][MA][SC]	0.018
W179421	Outcrop	671758	5938728	Sedimentary Rock			S00 M4 QZ,FP,MI,[SC][ ]	0.003
W179422	Outcrop	671767	5938731		QZ		QZ,	0.005
W179423	Outcrop	671777	5938758	Sedimentary Rock			S00 M4 QZ,FP,MI[SC]	-0.001
W179424	Outcrop	671867	5938755	Basalt			V3B M16 [MA][GF]	-0.001
W179425	Boulder	672537	5938841	Granite		MG	I1B M4 QZ,FP,BO,AM,MG,[GG]	-0.001
W179426	Boulder	672754	5938690	Basalt			V3B M16 AM,PG,[SC]	0.006
W179427	Boulder	672811	5938739	Basalt		PO	V3B M16 AM,PG,MI,PO,[GF][SC]	0.499
W179428	Boulder	672941	5938733	Basalt			V3B M16 AM,PG,MI[SC][GF]	-0.001
W179429	Boulder	673223	5938890	Basalt			V3B M16 AM,PG,MI[GF][SC]	-0.001
W179430	Outcrop	673382	5938988	Basalt			V3B M16 PG,AM,[SC][GF]	0.002
W179431	Outcrop	673389	5938980	Gabbro		MG	I3A M16,[SC][MA]	-0.001
W179432	Boulder	673416	5938881		QZ AM		QZ,AM,	-0.001
W179433	Boulder	673416	5938881	Sedimentary Rock			S00 M4 QZ,BO,FP,[SC]	0.001
W179434	Boulder	673308	5938754	Sedimentary Rock		PY	S00 M4 QZ,FPMI,PY,[SC]	0.017
W179435	Boulder	673082	5938844	Basalt			V3B M16 AM,PG,[SC][GF]	0.008
W179436	Boulder	673167	5938650	Sedimentary Rock			S00 M8 MI,QZ,MV,[SC][GF]	-0.001
W179437	Boulder	673159	5938683			PY PO	PY,PO,[GF][ ]	0.001
W179451	Outcrop	674530	5939248	Arkosic Sandstone			S1D	0.083

Lab No	Body	UTM E	UTM N	Lithology	Veins	Min.	Summary	Au (ppm)
W179452	Outcrop	674511	5939264	Amphibolite			M16	0.057
W179453	Outcrop	674430	5939270					0.013
W179454	Boulder	674293	5939240	Sandstone			S1	-0.001
W179455	Outcrop	674360	5939155					0.242
W179456	Outcrop	674503	5939147	Quartzitic Sandstone			S1A	-0.001
W179457	Outcrop	674534	5939132	Arkose			S1C M4 MV,SR,	0.007
W179458	Outcrop	674534	5939131	Arkose			S1C M4 MV,SR,	0.002
W179459	Outcrop	674534	5939130	Quartz Vein			I1N [SD]	0.001
W179461	Subcrop	674491	5939130	Quartzitic Sandstone			S1A [SD]	0.003
W179462	Outcrop	674420	5939021	Arkosic Sandstone			S1D MV,SR,[SD]	-0.001
W179465	Outcrop	674298	5938970	Paragneiss			M4 MV,SR,	-0.001
W179466	Outcrop	673775	5939049	Basalt			V3B	0.192
W179467	Outcrop	673788	5939065	Basalt			V3B ,	0.014
W179468	Outcrop	673814	5939095	Arkosic Sandstone			S1D MV,	0.122
W179469	Outcrop	673872	5939130	Basalt			V3B ,	0.013
W179470	Outcrop	673827	5939115	Basalt			V3B	0.013
W179471	Outcrop	673821	5939162	Basalt			V3B	0.016
W179472	Outcrop	673822	5939164	Quartz Vein			I1N []	-0.001
W179473	Outcrop	673899	5939096	Arkosic Sandstone			S1D M4	0.005
W179474	Outcrop	673862	5939100	Amphibolite			M16	22.600
W179475	Outcrop	673776	5939154	Basalt		PY	V3B M16 PY,[SC][MA][GF]	0.052
W179476	Outcrop	673772	5939157	Basalt		PY	V3B M16,PY,[MA][SC][GF]	0.055
W179477	Outcrop	673784	5939070	Breccia			S5	0.006
W179478	Outcrop	673641	5939064	Basalt			V3B M16 AM,PG,[GG]	0.092
W179479	Outcrop	673681	5939060	Basalt	QZ AM PG	PY	V3B M16,PY,[SC][MA][GF]	0.023
W179481	Outcrop	673688	5939029	Basalt		PY	V3B M16 PY,[GF][SC][MA]	0.037

Table 12.1.1: Outcrop and boulder description

## 12.2 TRENCHING AND CHANNEL SAMPLING

The primary objective for the trenching and channel sampling program was to gather further information and extend the new 2017 Curator gold showing while also stripping another area along the interpreted contact between the metasedimentary and metavolcanic rock units further to the east near the border of the property. Two sectors were trenched onto which 369 channel samples were collected and analyzed for gold. The two trenches location can be seen on figure 5.

Curator Trench: (CDC2084058 and CDC2084060) A total of 10 thin strips of trenching occur over a 200m wide area, they are centred at approximately 673,795mE / 5,939,098mN (Figures 6 and 7). These trenches were done to further understand and test the eastern and western extensions of the Curator Showing (22.6 g/t gold). The trench on the Curator Showing shows a sequence of sheared and silicified mafic volcanics varying locally from a fine-grained massive aspect to one containing phenocrysts. The Curator Showing is characterized by a more intensively silicified and sheared zone, containing disseminated pyrite and chalcopyrite in more abundance (up to 1% pyrite and 0.5% chalcopyrite). The horizon can be followed for about 8 metres in strike before disappearing in both directions. Best results of the channel sampling were directly over the initial Curator Showing and returned 3.08 g/t Au over 1.25 metres, including 4.21 g/t Au over 0.75 metres. A second channel portion 3 metres to the west returned 1.87 g/t Au over 1.25 metres, including 3.09 g/t Au over 0.55 metres.

Boundary Trench: (CDC2485047) The trench is characterized by several interconnecting strips covering an area extending 54 by 55 metres and centred at approximately 676,647mE / 5,939,448mN (Figure 8). This trench was testing the presence of the contact between the metasediments and the metavolcanics in the easternmost section of the property. The trench is characterized by being mainly composed of a mafic metavolcanic rock unit. Local minor shear zones were observed. However, no significant gold values were returned from this sector, the highest value being 0.28 g/t Au over 0.8 metres.

## 13. DRILLING

This section is not applicable to this report.

## 14. SAMPLING METHOD AND APPROACH

### 14.1 ROCK SAMPLES

The rock samples collected during the 2017 reconnaissance and prospecting program were collected by three contracted geologist-in-training and one geologist from Midland. These samples were obtained to determine the elemental concentrations in a quantitative way by the ALS Global Laboratory at Val d'Or (Quebec). The teams were transported to the field by helicopter and samples were collected at the bedrock surface by a hammer. All of the collected samples were located with the use of a GPS instrument

Samples were carefully selected to be representative of the bedrock (i.e. most of the weathered crust was removed prior to being bagged). All samples were hand-size and placed in individual though plastic sample bags with their unique identification paper tag number. All bags were

identified by writing the sample number on the bag with a permanent black marker. Bags were sealed with fibre tape and/or stapled closed. Sampling sites were also clearly identified using orange-coloured flag tape. The outcrop and sample number were written on the flags and attached to nearby trees. Individually bagged samples were carefully placed in fibre shipping bags for direct transportation to ALS Global laboratory in Val d’Or by Midland personnel. The authors are not aware of any sampling or recovery factors that would impact the reliability of the samples.

#### ***14.2 CHANNEL SAMPLES***

The channel samples taken during the 2018 trenching program were collected by two geologists from Midland. These samples were obtained to determine the elemental concentration and its surface length in a quantitative way by the ALS Global Laboratory at Val d’Or (Quebec). The teams were transported to the field by helicopter and the channels were done using a gas rock saw. All collected samples were located using tags and a detailed trench mapping.

All samples were placed in individual tough plastic sample bags with their unique identification paper tag number. All bags were identified by writing the sample number on the bag with a permanent black marker. Bags were sealed with fibre tape and/or using a tie-rop. Individually bagged samples were carefully placed in fibre shipping bags for direct transportation to ALS Global laboratory in Val d’Or by Midland personnel. The authors are not aware of any sampling or recovery factors that would impact the reliability of the samples.

### **15. SAMPLE PREPARATION, ANALYSIS AND SECURITY**

#### ***15.1.1 ROCK SAMPLES SECURITY, STORAGE AND SHIPMENT***

Rock samples were collected and processed by Midland personnel and contracted geologists-in-training. They were immediately placed in appropriate samples bags and identified by a unique sample number after sampling. They were sealed using fibreglass tape and/or staples. Samples were then transported back to the Mirage Outfitter Camp where they were secured and locked-up.

The individual sample bags were placed in a clearly identified white fibre shipping bag which was later sealed with plastic tie wraps. The shipping bags were carefully packed on a pick-up truck, directly transported and delivered by Midland personnel to the ALS Global laboratory in Val d’Or. All bags remained sealed and intact until ALS Global personnel received the samples and opened them at their Val d’Or laboratory.

#### ***15.1.2 ROCK SAMPLES PREPARATION AND ASSAY PROCEDURES***

Upon the reception of the samples by the ALS Global laboratory of Val D’Or, the rock samples were weighted and identified by a barcode label. This label is used by the laboratory for complete traceability during the preparation and analysis procedures.

Samples were crushed in their entirety at the ALS Global preparation laboratory to >90% passing 2 mm (ALS Global procedure CRU-31). A 200 to 250g subsample was obtained after splitting the finest material (>2 mm). The split portion from the derived sample was pulverized using a ‘flying disk’ style grinding mill to >95% passing 106 microns or better (200 mesh, refer to ALS Global Procedure PUL-33 for further detail). For each pulp obtained, a 100 grams subsample was

obtained from splitting and shipped to the ALS Global analytical laboratory for the ICP-MS analyses. Another fraction of the pulp was retained at Val D’Or for a gold fire assay. The remainder of the pulp (nominally 100 grams) is held at the processing lab for future reference. The analytical package used were ME-ICP61 and Au-ICP21

Gold concentration were analyzed using a fire assay fusion (ALS Global Procedure Au-ICP21), a preferred choice for quantitative gold analysis. About 30 grams of pulp were used for the gold fire assay and afterwards analyzed by the ICP-AES technique.

A total of 33 elements were analyzed by ALS Global Procedure ME-ICP61 which involves a ‘near-total’ four acid digestion. The four-acid digestion dissolves nearly all elements for a majority of geological environment. This procedure uses both the ICP-MS and ICP-AES techniques to be able to report the widest possible concentration range. Refer to Appendix 1 for ALS Global assay certificates.

### ***15.2.1 CHANNEL SAMPLES SECURITY, STORAGE AND SHIPMENT***

Channel samples were collected and processed by Midland personnel. They were immediately placed in appropriate samples bags and identified by a unique sample number after sampling. They were sealed using fibreglass tape and/or staples. Sampled were then transported back to the Mirage Outfitter Camp where they were secured and locked-up.

The individual sample bags were placed in a clearly identified white fibre shipping bag which was later sealed with plastic tie wraps. The shipping bags were carefully packed on a pick-up truck, directly transported and delivered by Midland personnel to the ALS Global laboratory in Val d’Or. All bags remained sealed and intact until ALS Global personnel received the samples and opened them at their Val d’Or laboratory.

### ***15.2.2 CHANNEL SAMPLES PREPARATION AND ASSAY PROCEDURES***

Upon the reception of the samples by the ALS Global laboratory of Val D’Or, the channel samples were weighted and identified by a barcode label. This label is used by the laboratory for complete traceability during the preparation and analysis procedures.

Samples were crushed in their entirety at the ALS Global preparation laboratory to >90% passing 2 mm (ALS Global procedure CRU-31). A 200 to 250g subsample was obtained after splitting the finest material (>2 mm). The split portion from the derived sample was pulverized using a ‘flying disk’ style grinding mill to >95% passing 106 microns or better (200 mesh, refer to ALS Global Procedure PUL-33 for further detail). For each pulp obtained, a 100 grams subsample was obtained from splitting and shipped to the ALS global analytical laboratory for the ICP-MS analyses. Another fraction of the pulp was retained at Val D’Or for a gold fire assay. The remainder of the pulp (nominally 100 grams) is held at the processing lab for future reference. The analytical package used was mostly Au-ICP21, except for a small selection of samples which were also subjected to ME-ICP61.

Gold concentration was analyzed using a fire assay fusion (ALS Global Procedure Au-ICP21), a preferred choice for quantitative gold analysis. About 30 grams of pulp were used for the gold fire assay and afterwards analyzed by the ICP-AES technique.

A total of 33 elements were analyzed by ALS Global Procedure ME-ICP61 which involves a ‘near total’ four acid digestion. The four-acid digestion dissolves nearly all elements for a majority of geological environment. This procedure uses both the ICP-MS and ICP-AES techniques to be able to report the widest possible concentration range. Refer to Appendix 1 for ALS Global assay certificates.

## **16. DATA VERIFICATION**

Due to the grass-root nature of the exploration program, rigorous data verification procedures were not deemed necessary. The authors were involved in collecting, recording, interpretation and presentation of the data and maps presented in this report. The data has been checked and reviewed by the authors and is believed to be accurate. A gold standard and a blank was rotated every twentieth rock sample. The standard used was CDN Resource Laboratories Ltd. Reference Material CDN-GS-5M ( $3.88 \pm 0.15$  g/t Au on 30g fire assay). Furthermore, ALS Global, as part of their standard quality control, routinely ran duplicate check samples and standards. No samples were assayed at other laboratories. In reconnaissance and grass-root projects, it is in some way considered less important because analyzed samples are generally characterized by small batches of un-mineralized to weakly mineralized samples. Standard analyses returned acceptable values for the entire sample runs.

## **17. ADJACENT PROPERTIES**

This section is not applicable to this report.

## **18. MINERAL PROCESSING AND METALLURGICAL TESTING**

This section is not applicable to this report.

## **19. MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES**

This section is not applicable to this report.

## **20. OTHER RELEVANT DATA AND INFORMATION**

This section is not applicable to this report.

## **21. INTERPRETATION AND CONCLUSIONS**

A total of five (5) days of prospecting and geological mapping was done on the Lasalle property in 2017. The objectives of the campaign were to investigate the property’s potential for gold mineralization in areas where Midland’s suspected the presence of an important structural contact along the property’s metasedimentary and volcanic units.

A total of 121 outcrops and 48 boulders\sub-outcrops were described and sampled from August 24<sup>th</sup> to 28<sup>th</sup> 2017. Out of these, all 169 were submitted for rock assaying. The best result returned 22.6 g/t Au on the new Curator showing, as well as identifying two other showings, Henry and Marcus. The mineralization occurs in a sheared and silicified amphibolite (mafic metavolcanic)

mineralized in disseminated pyrite and traces of chalcopyrite. Furthermore, the new showings align itself in what is interpreted as an important fault zone in contact with the metasediments to the south of the showing. This new area and a second one was trenched and channel sampled between the 5<sup>th</sup> and the 14<sup>th</sup> of June 2018. A total of 369 channel samples were collected and analyzed for gold. Channel sampling on the Curator Showing returned values of 3.08 g/t Au over 1.25 metres, including 4.21 g/t Au over 0.75 metres. A second channel portion 3 metres to the west returned 1.87 g/t Au over 1.25 metres, including 3.09 g/t Au over 0.55 metres. However, no lateral extension further than 8 metres could be observed. The second trenched area did not return any significant gold values.

The brief exploration program on the Lasalle property confirms the potential for further gold mineralization based on the fact that a favourable geological context is present with a mineralized east-west trending shear zone, however, the Curator area does not seem to have extensions for now.

## **22. RECOMMENDATIONS**

Interesting results were obtained during the 2017 prospecting and 2018 follow-up campaign. Following the positive and negative results, further exploration work is still proposed.

Further prospecting and geological mapping is recommended along the east-west contact between the metasediments and the mafic metavolcanic rock units on the property. The contact was observed as being sheared and could potentially be an important structure that could mobilize and deposit gold.

Because the Lasalle property is covered by an important cover of glacial deposits and because of the identification of several gold till anomalies from a previous survey done by Midland, a complete till follow-up program is recommended in the area around the gold anomalies. This survey would provide further information on the location of the gold source.

## 23. EXPLORATION EXPENDITURES

Exploration expenditures for the 2017 and 2018 campaigns are presented in the following table. Time period described in the introduction section.

### Summer 2017

Description	Total
Geology and Prospecting Survey	\$50,820.00

<b>Total Expenditures</b>	<b>\$50,820.00</b>
---------------------------	--------------------

### Summer 2018

Description	Total
Trenching and Channel Sampling	\$157,827.00

Report, compilation and supervision	\$3,500.00
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<b>Total Expenditures</b>	<b>\$161,327.00</b>
---------------------------	---------------------

## 24. PERSONNEL

### 23.1 GEOLOGISTS TEAM

Geological data was collected by Midland project manager and geologist Jean-François Larivière and geologists-in-training from IOS Services Géoscientifiques Inc. (“IOS”) Marine Delasalle, Mylène Leduc, and Harold Brusseau during the 2017 prospecting campaign. The 2018 trenching, sampling and mapping campaign was supervised by engineer Robert Banville and collected by geologist Sandro Bourassa.

### 23.2 STUDENT FIELD ASSISTANTS TEAM

The 2017 samples were collected by two-man teams (prospectors were partnered with a geologist or geologist-in-training) composed of IOS personnel geology students William Larouche, Annick Tremblay and Jean-Simon Tremblay.

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## 26. DATE AND SIGNATURE

I, **Jean-François Larivière**, Professional Geologist, 132 boul. Labelle, Rosemère, Québec, J7A 2H1, do hereby certify that:

1. I am presently employed as a project geologist with Midland Exploration Inc.
2. I have received a B.Sc in Geology in 2004 from the Université du Québec à Montréal
3. I have been working part-time as an exploration geologist-in-training from 2003 to 2008 and then full-time since. Received a Ph.D. in Mineral Resources at the Université du Québec à Montréal.
4. I am a member of the *Ordre des Géologues du Québec* (OGQ No. 1001).
5. I am a qualified person with respect to the James Bay Gold (Lasalle and Galinée Group properties) Project in accordance to section 5.1 of to the National Instrument 43-101 (NI43-101).
6. I supervised the James Bay Gold in the field in August 2017 and June 2018.
7. I am responsible for writing the present technical report, utilizing proprietary exploration data generated by Midland Exploration Inc. and information compiled from various authors and sources as summarized in the reference section of this report.
8. I am not aware of any missing information or changes, which could have caused the present report to be misleading
9. I do not fulfill the requirements set out in section 5.3 of the National Instrument 43-101 for an “independent qualified person” relative to the issuer being an employee of Midland Exploration Inc.
10. I have been involved in the James Bay Gold project since summer 2008
11. I have read and used the National Instrument 43-101 and the Form 43-101A1 to make the present report in accordance with their specifications and terminology.

Dated in Rosemère, Qc, this third day of March 2019.

“Jean-François Larivière”

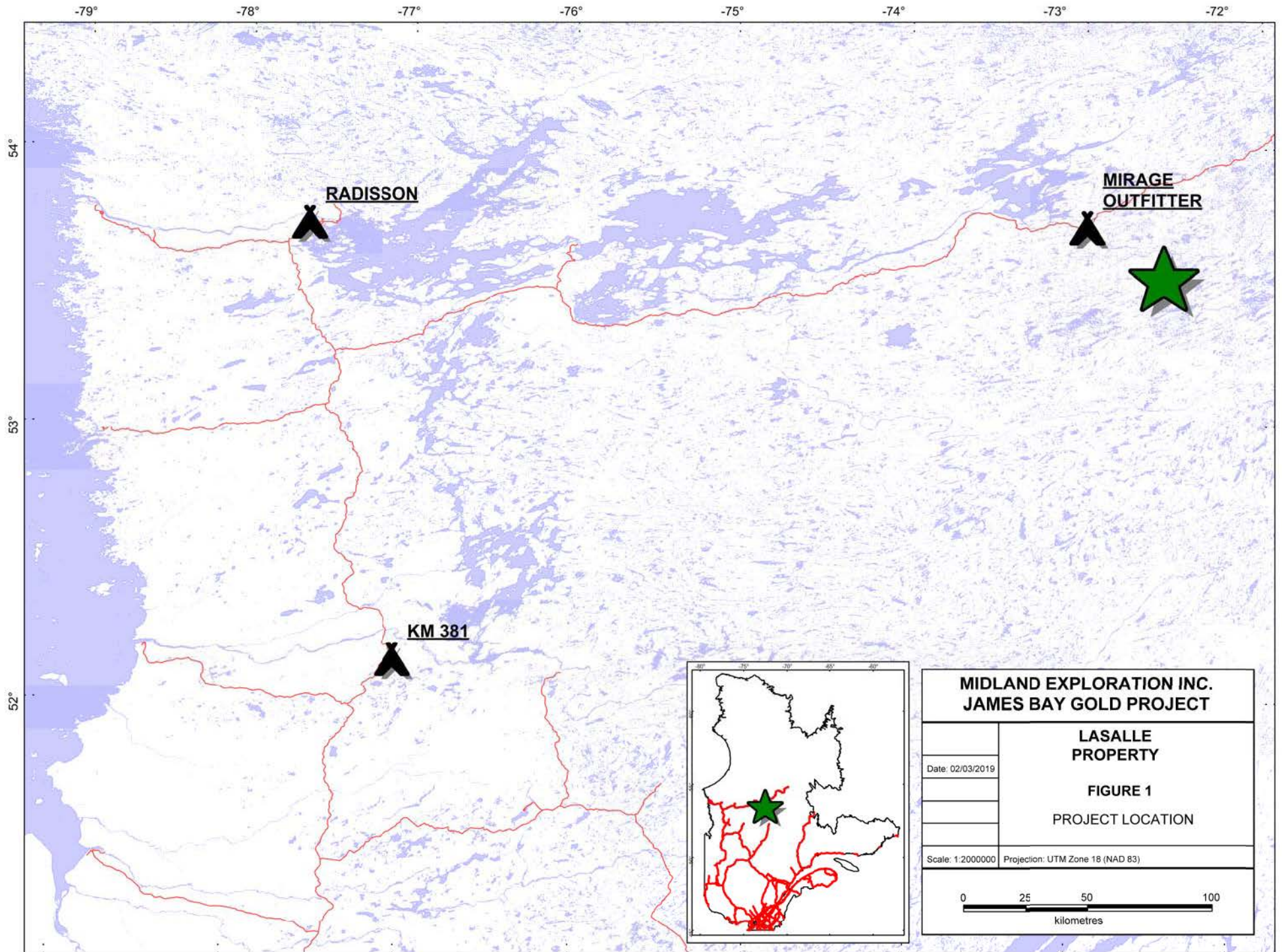


Jean-François Larivière, Geologist

## **27. DEVELOPMENT PROPERTIES AND PRODUCTION PROPERTIES**

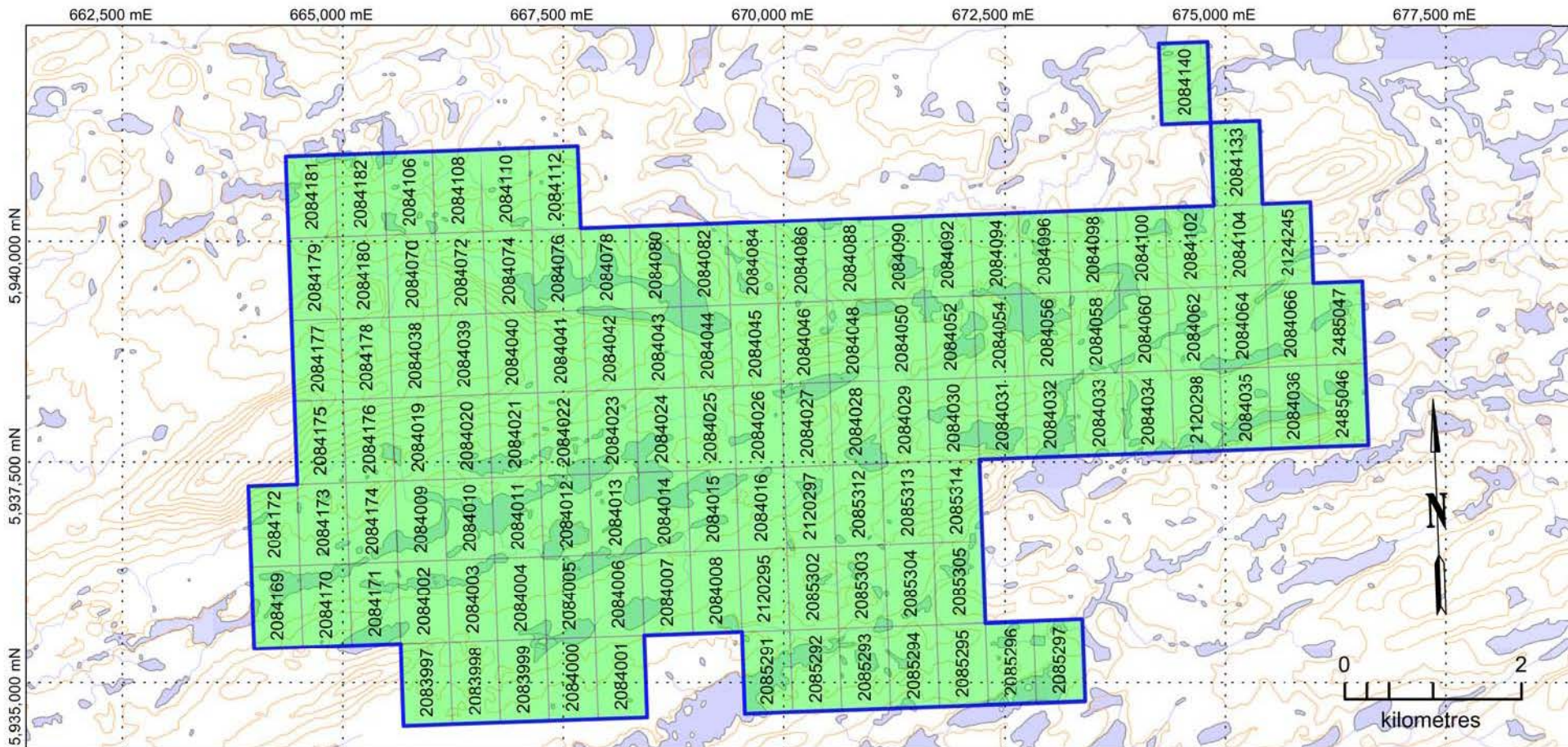
This section is not applicable to this report.

## **28. ILLUSTRATIONS**








<b>MIDLAND EXPLORATION INC.</b>	
<b>JAMES BAY GOLD PROJECT</b>	
<b>LASALLE PROPERTY</b>	
Date: 02/03/2019	<b>FIGURE 1</b>
	<b>PROJECT LOCATION</b>
Scale: 1:2000000	Projection: UTM Zone 18 (NAD 83)

Topographic Data: (c) Department of Natural Resources Canada. All Rights Reserved.




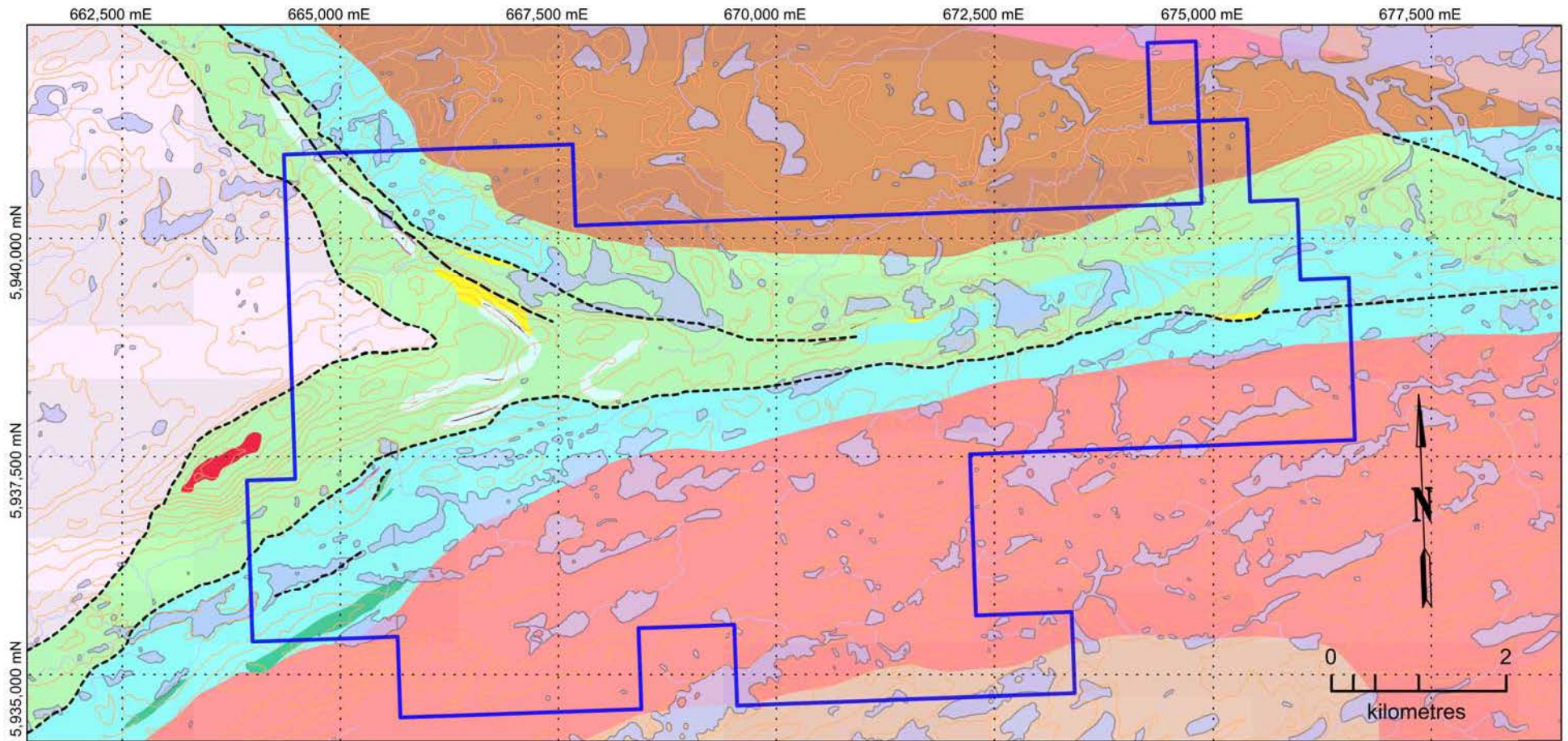
Topographic Data: (c) Department of Natural Resources Canada. All Rights Reserved.

### LEGEND

-  Midland Exploration Inc. Claim block
-  Topographic Contour
-  Stream
-  Lake
-  Claim Cell Number




<b>MIDLAND EXPLORATION INC. JAMES BAY GOLD PROJECT</b>	
	<b>LASALLE PROPERTY</b>
Date: 02/03/2019	<b>FIGURE 2</b>
	<b>CLAIM LIST AND POSITION JAMES BAY (QC)</b>
Scale: 1:70000	Projection: UTM Zone 18 (NAD 83)
	



### LEGEND

-  Midland Exploration Inc. Claim block
-  Topographic Contour
-  Stream
-  Lake

- Fault**
-  Undetermined Fault

- Lithology**
-  Granite
  -  Biotite Tonalite
  -  Felsic Metavolcanic
  -  Paragneiss
  -  Iron Formation
  -  Mafic Metavolcanic
  -  Amphibolite
  -  Tonalite

### MIDLAND EXPLORATION INC. JAMES BAY GOLD PROJECT

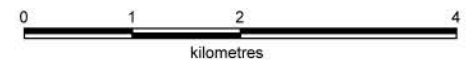
#### LASALLE PROPERTY

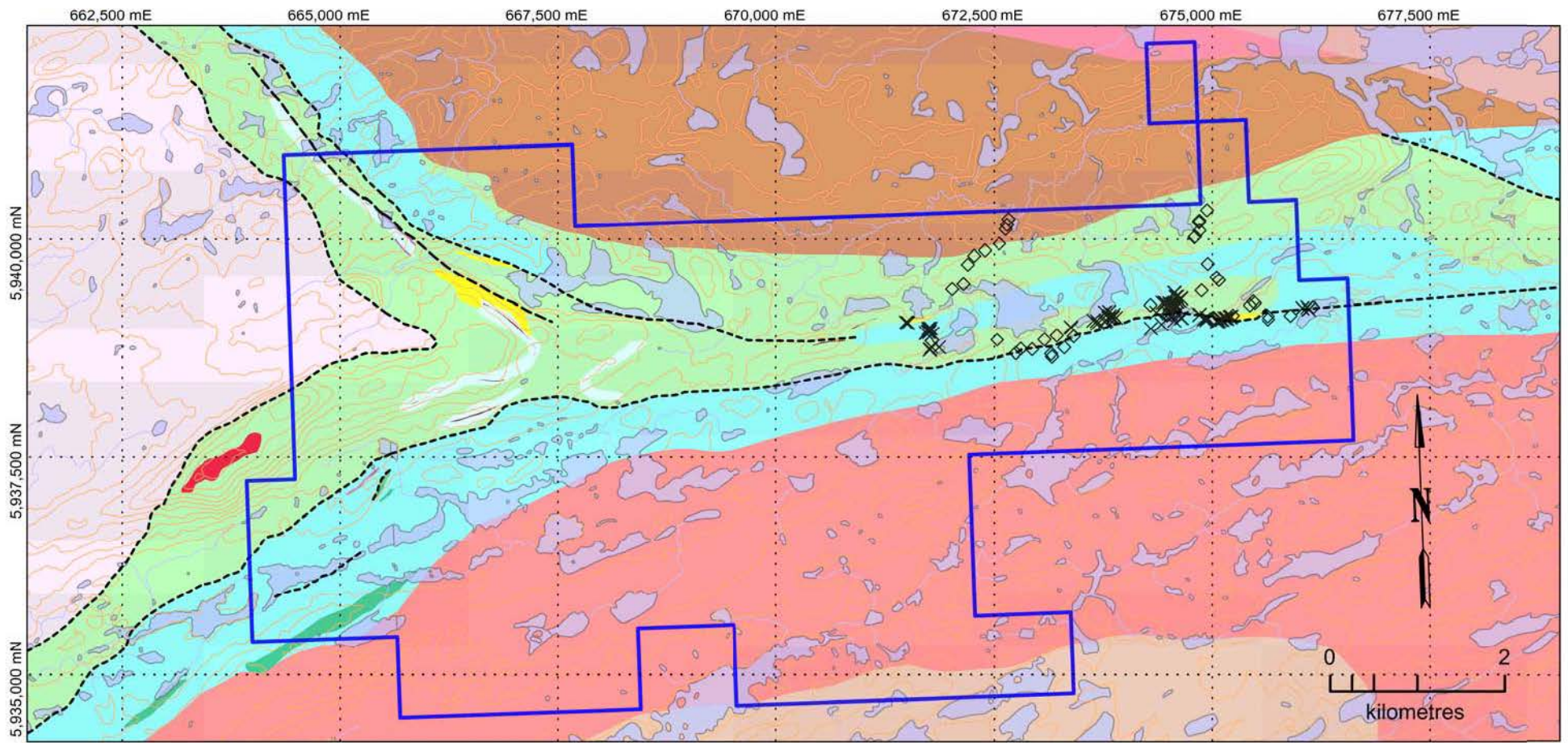
Date: 02/03/2019

#### FIGURE 3 GEOLOGICAL MAP

Scale: 1:70000

Projection: UTM Zone 18 (NAD 83)



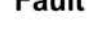




Topographic Data: (c) Department of Natural Resources Canada. All Rights Reserved.

Geology: (c) MERN SIGEOM Database

### LEGEND

-  Midland Exploration Inc. Claim block
-  Topographic Contour
-  Stream
-  Lake

- Fault**
-  Undetermined Fault
  -  Outcrop
  -  Boulder

- Lithology**
-  Granite
  -  Biotite Tonalite
  -  Felsic Metavolcanic
  -  Paragneiss
  -  Iron Formation
  -  Mafic Metavolcanic
  -  Amphibolite
  -  Tonalite

### MIDLAND EXPLORATION INC. JAMES BAY GOLD PROJECT

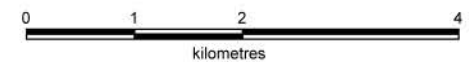
#### LASALLE PROPERTY

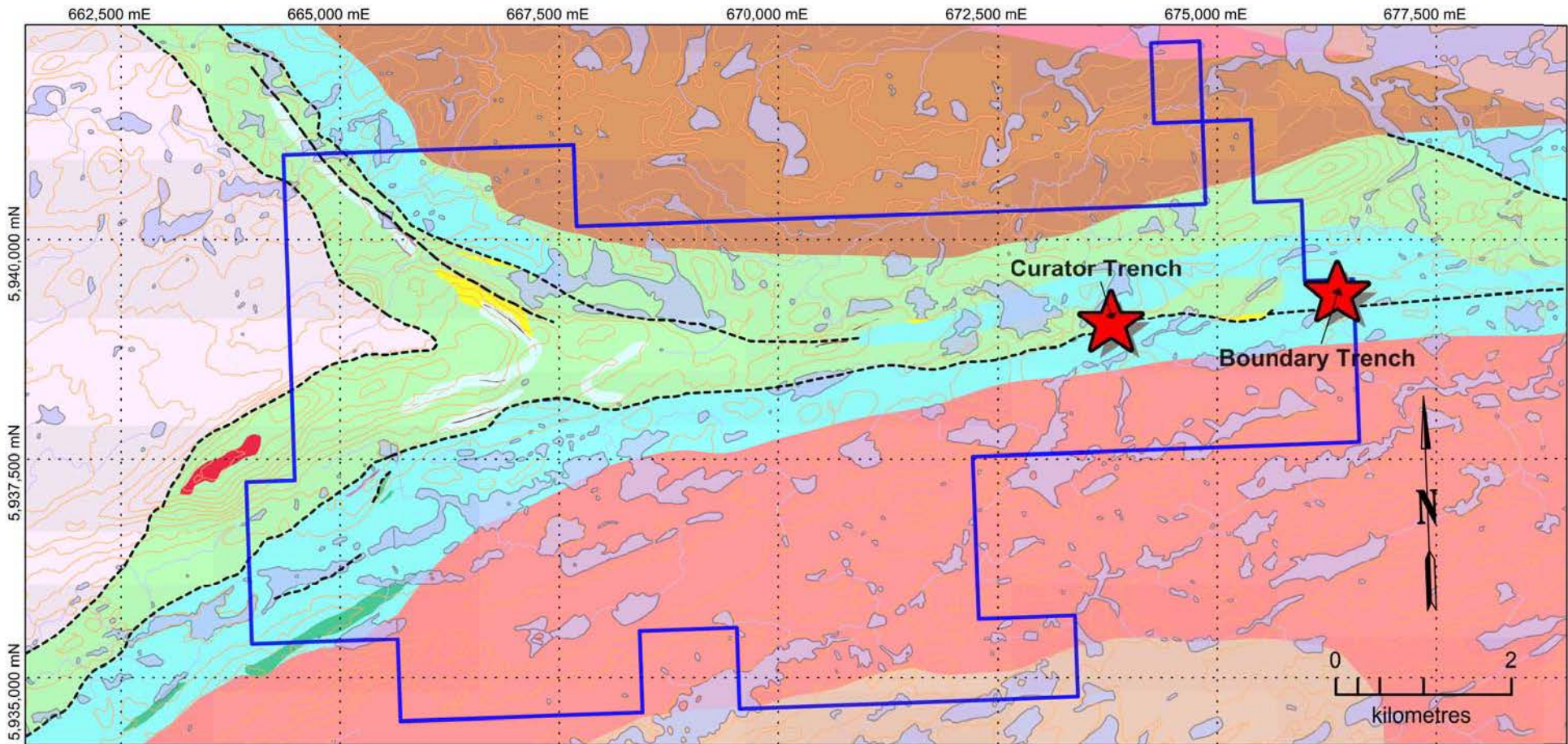
Date: 02/03/2019

#### FIGURE 4 OUTCROP AND BOULDER LOCALIZATION

Scale: 1:70000

Projection: UTM Zone 18 (NAD 83)







Topographic Data: (c) Department of Natural Resources Canada. All Rights Reserved.

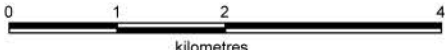
Geology: (c) MERN SIGÉOM Database

### LEGEND

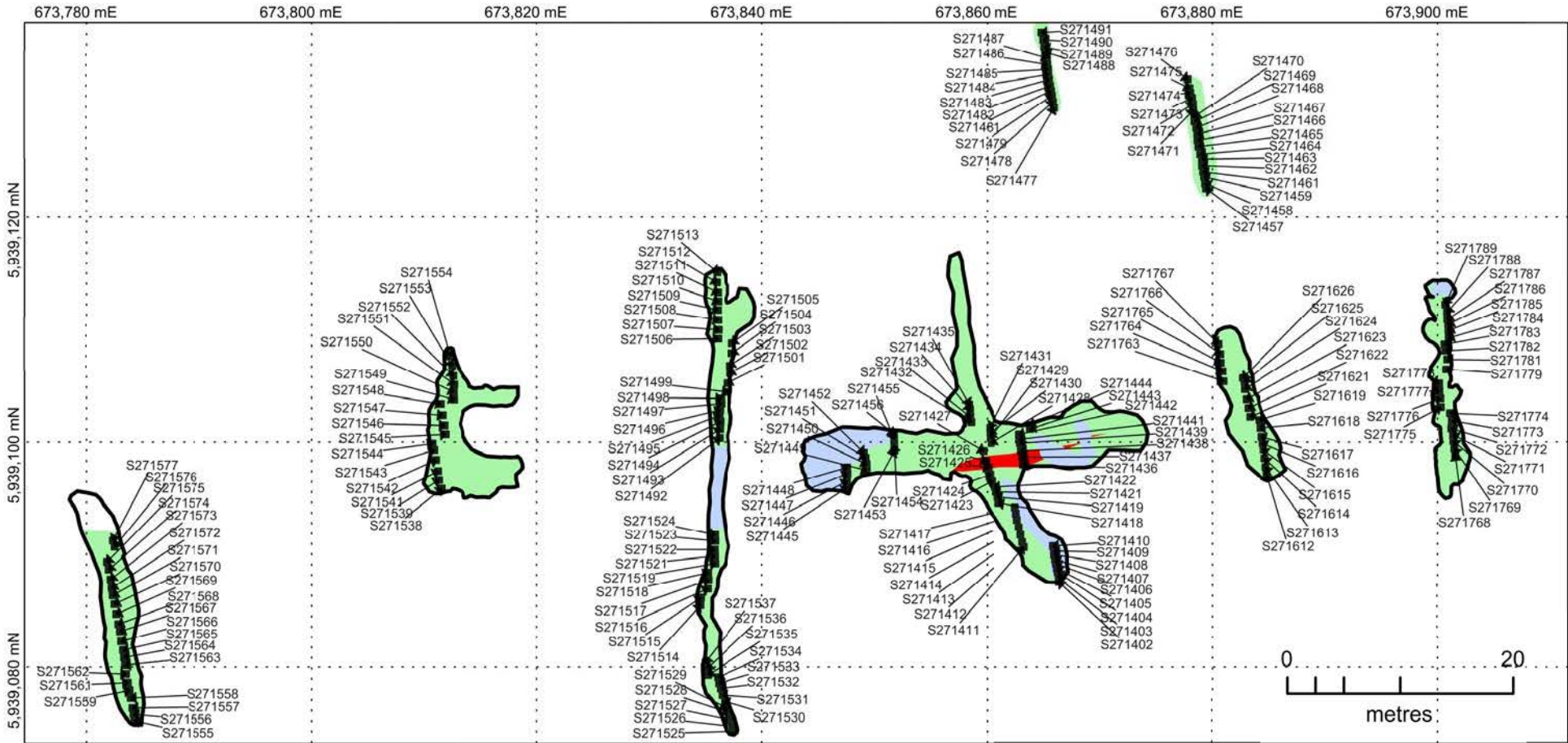
-  Midland Exploration Inc. Claim block
-  Topographic Contour
-  Stream
-  Lake

- Fault**
-  Undetermined Fault
  -  Trench

- Lithology**
-  Granite
  -  Biotite Tonalite
  -  Felsic Metavolcanic
  -  Paragneiss
  -  Iron Formation
  -  Mafic Metavolcanic
  -  Amphibolite
  -  Tonalite

MIDLAND EXPLORATION INC. JAMES BAY GOLD PROJECT	
<b>LASALLE PROPERTY</b>	
Date: 02/03/2019	<b>FIGURE 5 TRENCH LOCALIZATION</b>
Scale: 1:70000	Projection: UTM Zone 18 (NAD 83)
	





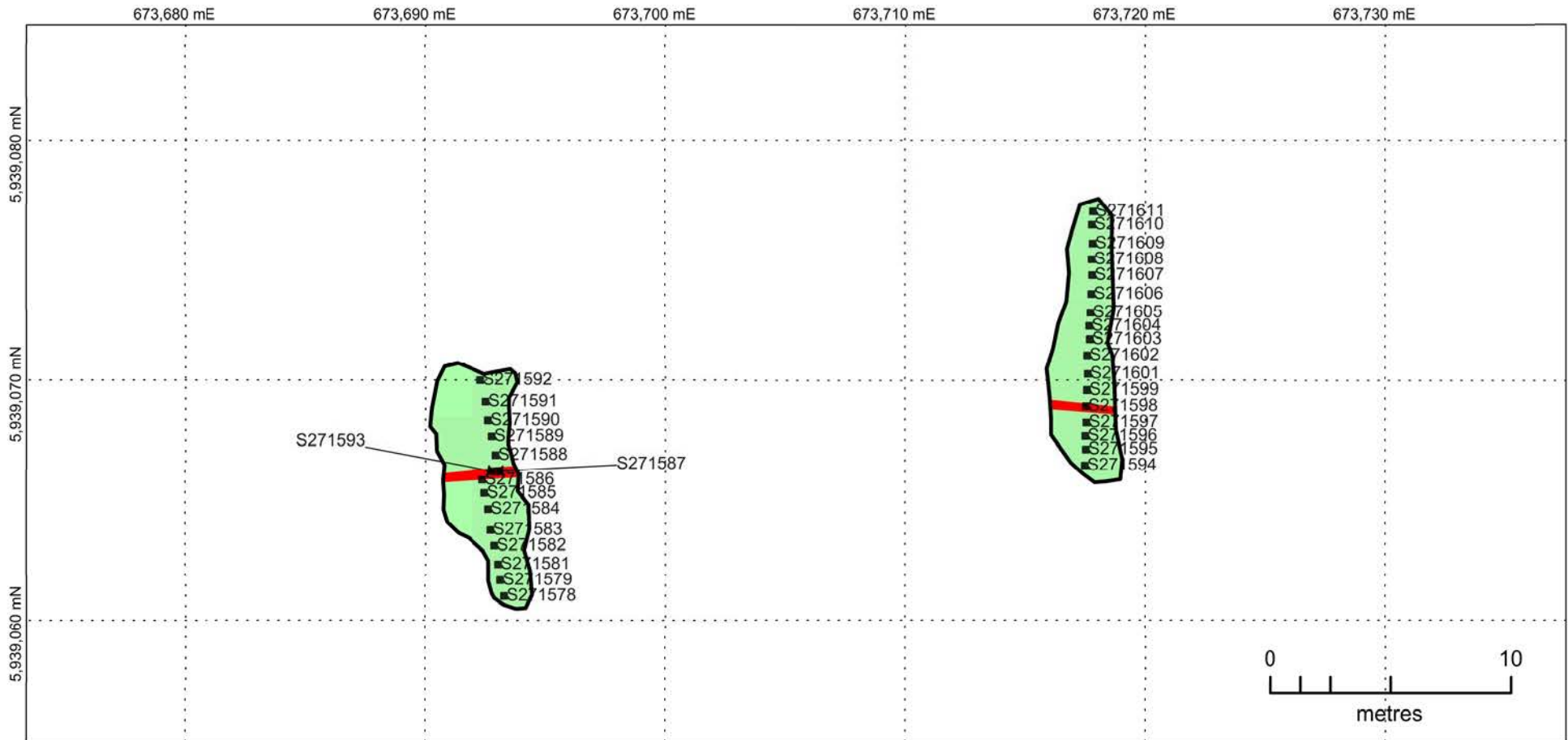
**LEGEND**

- Lithology**
- Mineralized Zone
  - Amphibolite
  - Water

■ Channel Sample

<b>MIDLAND EXPLORATION INC. JAMES BAY GOLD PROJECT</b>	
	<b>LASALLE PROPERTY</b>
Date: 02/03/2019	<b>FIGURE 6 CURATOR TRENCH SECTOR 1</b>
	Projection: UTM Zone 18 (NAD 83)





**LEGEND**

**Lithology**

- Mineralized Zone
- Amphibolite
- Water

- Channel Sample



<b>MIDLAND EXPLORATION INC. JAMES BAY GOLD PROJECT</b>	
Date: 02/03/2019	<b>LASALLE PROPERTY</b>
	<b>FIGURE 7 CURATOR TRENCH SECTOR 2</b>
	Projection: UTM Zone 18 (NAD 83)



**APPENDIX 1: ALS GLOBAL ASSAY  
CERTIFICATES FOR ROCK GEOCHEMICAL  
DATA**



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218  
 www.alsglobal.com/geochemistry

À: EXPLORATION MIDLAND INC  
 132 BOULEVARD LABELLE  
 SUITE 220  
 ROSEMÈRE QC J7A 2H1

Page: 1  
 Nombre total de pages: 7 (A - C)  
 plus les pages d'annexe  
 Finalisée date: 21-SEPT-2017  
 Compte: MIDEXP

**CERTIFICAT VO17185392**

Projet: ELC

Ce rapport s'applique aux 237 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 29-AOUT-2017.

Les résultats sont transmis à:

JEAN-FRANÇOIS LARIVIÈRE

MARIO MASSON

SYLVAIN TRÉPANIÉ

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-24	Entrée pulpe - Reçu sans code barre
BAG-01	Entreposage pulp de ref.
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-ICP61	33 éléments, quatre acides ICP-AES	ICP-AES

À: EXPLORATION MIDLAND INC  
 ATTN: JEAN-FRANÇOIS LARIVIÈRE  
 132 BOULEVARD LABELLE  
 SUITE 220  
 ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

\*\*\*\*\* Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat \*\*\*\*\*

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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Projet: ELC

**CERTIFICAT D'ANALYSE VO17185392**

Description échantillon	Méthode	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	élément unités L.D.	Poids reçu kg 0.02	Ag ppm 0.5	Al % 0.01	As ppm 5	Ba ppm 10	Be ppm 0.5	Bi ppm 2	Ca % 0.01	Cd ppm 0.5	Co ppm 1	Cr ppm 1	Cu ppm 1	Fe % 0.01	Ga ppm 10	K % 0.01
W179001		Not Recvd														
W179002		1.28	0.5	5.58	<5	70	1.1	<2	4.91	<0.5	28	51	93	6.44	20	0.19
W179003		0.67	<0.5	8.59	<5	830	1.0	<2	4.65	<0.5	19	38	18	4.50	20	0.86
W179004		0.98	<0.5	7.91	<5	600	1.2	4	2.88	<0.5	15	33	19	4.36	20	1.49
W179005		0.81	<0.5	7.71	<5	440	1.1	<2	3.85	<0.5	16	49	23	4.22	20	0.61
W179006		0.98	<0.5	7.64	7	460	0.8	<2	4.54	<0.5	34	147	49	8.11	20	1.04
W179007		1.04	<0.5	7.59	5	550	1.0	<2	1.77	<0.5	11	81	13	4.30	20	1.45
W179008		0.87	<0.5	7.72	<5	650	0.9	2	2.73	<0.5	51	115	87	9.60	20	1.82
W179009		1.14	<0.5	7.93	<5	680	1.2	<2	3.23	<0.5	19	45	38	4.54	20	1.89
W179010		0.91	<0.5	7.68	<5	300	0.9	<2	4.48	<0.5	27	99	59	6.15	20	0.89
W179011		0.96	<0.5	8.35	<5	580	1.1	<2	2.48	<0.5	25	112	65	4.98	20	1.92
W179012		0.42	<0.5	4.16	<5	640	<0.5	3	0.80	<0.5	39	16	8	38.4	20	1.47
W179013		0.90	<0.5	8.34	<5	840	1.5	<2	3.03	<0.5	20	39	44	3.56	20	1.88
W179014		0.59	<0.5	5.95	<5	320	0.7	<2	2.29	<0.5	7	34	5	2.53	20	0.87
W179015		1.82	1.5	8.34	7	650	1.7	15	1.57	<0.5	56	97	72	5.44	20	0.90
W179016		1.51	<0.5	6.80	<5	660	1.5	<2	5.01	<0.5	22	475	18	5.11	20	0.62
W179017		1.76	<0.5	5.89	5	70	<0.5	<2	3.18	<0.5	25	226	7	3.32	20	0.08
W179018		0.80	<0.5	4.78	<5	80	<0.5	2	1.75	<0.5	9	242	7	3.04	10	0.15
W179019		1.36	<0.5	2.56	<5	40	<0.5	2	1.84	<0.5	12	187	67	2.01	10	0.08
W179020		0.11	0.8	7.46	34	630	0.8	<2	2.53	1.0	18	64	151	5.51	20	1.15
W179021		1.95	<0.5	6.49	6	320	1.0	4	2.95	<0.5	20	312	15	4.00	20	0.39
W179022		0.72	<0.5	6.99	<5	30	0.6	5	6.35	<0.5	45	6	18	11.85	20	0.20
W179023		0.38	<0.5	7.07	<5	30	0.5	2	6.13	0.5	45	6	34	12.15	20	0.21
W179024		1.01	<0.5	7.48	<5	100	<0.5	2	7.52	0.6	47	89	62	11.85	20	0.31
W179025		0.55	<0.5	6.26	<5	200	<0.5	<2	5.45	<0.5	26	359	5	4.17	10	0.51
W179026		1.05	<0.5	8.43	<5	120	<0.5	<2	8.80	<0.5	39	435	22	5.72	10	0.26
W179027		0.78	<0.5	1.48	<5	20	<0.5	<2	2.00	<0.5	13	118	28	2.60	<10	0.04
W179028		0.79	<0.5	8.29	<5	610	1.2	<2	3.38	<0.5	18	84	24	3.70	20	1.27
W179029		0.67	<0.5	2.20	<5	90	0.5	<2	0.58	<0.5	2	22	5	0.69	<10	0.18
W179030		0.48	<0.5	8.20	<5	240	1.0	2	3.18	<0.5	15	48	39	3.68	20	0.72
W179031		0.56	<0.5	8.51	<5	650	1.5	<2	4.21	<0.5	19	86	25	4.39	20	1.59
W179032		0.36	<0.5	8.50	<5	1690	1.4	<2	2.96	<0.5	14	142	8	3.50	20	2.70
W179033		0.78	<0.5	7.81	<5	810	1.2	<2	2.35	<0.5	9	34	7	2.56	20	2.37
W179034		0.65	<0.5	7.64	<5	630	1.4	<2	2.48	<0.5	9	36	8	2.62	20	2.19
W179035		0.56	<0.5	4.23	<5	510	0.5	<2	0.24	<0.5	1	14	3	0.78	10	3.85
W179036		0.80	<0.5	7.65	<5	740	1.1	<2	2.35	<0.5	8	35	13	2.38	20	2.10
W179037		0.82	<0.5	0.06	<5	<10	<0.5	2	0.01	<0.5	<1	25	1	0.57	<10	0.05
W179038		0.86	<0.5	7.84	<5	690	1.2	<2	2.45	<0.5	11	25	15	2.70	20	2.27
W179039		1.05	<0.5	8.05	<5	740	1.5	<2	3.26	<0.5	15	39	23	3.68	20	1.89
W179040		0.97	<0.5	0.15	<5	1480	<0.5	4	36.1	<0.5	1	2	1	0.15	<10	0.04



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**CERTIFICAT D'ANALYSE VO17185392**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Ti % 0.01	Tl ppm 10
W179001																
W179002		<10	2.34	1665	<1	2.89	33	190	3	2.01	⊖	33	228	<20	0.39	<10
W179003		10	1.93	768	<1	3.50	25	880	3	0.01	⊖	11	781	<20	0.33	<10
W179004		20	1.31	801	1	2.98	17	910	8	0.02	⊖	9	804	<20	0.33	<10
W179005		20	1.89	729	<1	3.18	25	1040	9	<0.01	⊖	11	798	<20	0.39	<10
W179006		10	2.40	1805	1	2.52	79	440	2	0.29	⊖	29	516	<20	0.52	<10
W179007		10	1.13	489	1	3.23	34	540	8	0.31	⊖	10	577	<20	0.32	<10
W179008		10	1.79	1180	3	2.27	69	560	6	2.27	⊖	23	565	<20	0.59	<10
W179009		10	1.47	908	1	2.89	28	810	10	0.05	⊖	11	711	<20	0.34	<10
W179010		10	1.94	1460	1	2.64	52	640	6	0.25	⊖	22	490	<20	0.47	10
W179011		10	1.65	681	3	2.50	57	830	9	0.50	⊖	16	340	<20	0.43	<10
W179012		10	1.04	1535	201	0.61	25	540	<2	0.05	⊖	3	241	<20	0.14	<10
W179013		10	0.62	783	1	3.31	15	840	10	0.10	⊖	9	681	<20	0.30	<10
W179014		10	0.68	506	1	1.71	9	530	6	0.02	⊖	7	548	<20	0.18	<10
W179015		10	1.30	332	1	3.85	45	1820	14	2.80	⊖	8	1340	<20	0.35	<10
W179016		20	6.15	1125	1	3.13	203	1880	4	0.10	⊖	18	896	<20	0.36	<10
W179017		10	3.00	489	<1	0.59	121	880	7	0.29	⊖	8	1150	<20	0.22	<10
W179018		10	2.69	414	2	0.58	89	820	5	0.06	⊖	9	778	<20	0.21	<10
W179019		10	1.57	297	<1	0.57	66	620	<2	0.27	⊖	6	306	<20	0.15	<10
W179020		10	1.59	912	7	2.33	44	780	46	0.15	5	17	285	<20	0.39	<10
W179021		20	3.23	599	1	1.82	98	1650	7	0.59	⊖	12	848	<20	0.35	<10
W179022		<10	3.20	1700	1	1.45	18	520	<2	0.03	⊖	45	105	<20	0.97	10
W179023		<10	3.36	1645	1	1.59	19	460	<2	0.05	⊖	47	106	<20	0.95	<10
W179024		<10	2.38	3540	<1	0.68	60	400	<2	0.08	⊖	45	89	<20	0.70	<10
W179025		<10	4.04	810	<1	0.81	76	150	<2	<0.01	⊖	27	68	<20	0.13	<10
W179026		<10	6.24	1170	<1	1.16	111	70	<2	<0.01	⊖	41	94	<20	0.17	<10
W179027		<10	0.70	545	<1	0.24	36	40	<2	0.01	⊖	6	21	<20	0.07	<10
W179028		20	2.14	619	<1	3.54	39	800	5	<0.01	⊖	11	556	<20	0.33	<10
W179029		<10	0.14	91	24	1.14	3	110	2	0.01	⊖	1	196	<20	0.04	<10
W179030		20	1.91	481	1	2.28	27	610	7	0.02	⊖	10	646	<20	0.25	<10
W179031		20	2.25	762	1	3.74	40	1080	9	<0.01	⊖	11	835	<20	0.38	<10
W179032		20	1.80	625	1	3.55	44	730	12	<0.01	⊖	10	837	<20	0.27	<10
W179033		20	0.95	484	<1	3.35	14	550	7	<0.01	⊖	6	554	<20	0.23	<10
W179034		10	0.97	491	1	3.35	15	560	10	<0.01	⊖	6	540	<20	0.23	<10
W179035		<10	0.05	90	1	0.96	2	30	10	<0.01	⊖	<1	163	<20	0.04	<10
W179036		10	0.90	455	9	3.39	14	550	10	<0.01	⊖	6	568	<20	0.22	<10
W179037		<10	0.01	64	<1	0.01	2	<10	<2	<0.01	⊖	<1	2	<20	<0.01	<10
W179038		30	1.09	542	<1	3.24	12	660	8	<0.01	⊖	8	482	<20	0.23	<10
W179039		20	1.55	670	15	3.55	17	930	8	0.01	⊖	10	691	<20	0.34	<10
W179040		10	1.09	1015	<1	0.01	<1	140	4	0.11	⊖	<1	168	<20	0.01	<10



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CERTIFICAT D'ANALYSE VO17185392

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21
		U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Au ppm 0.001
W179001		<10	249	40	66	0.071
W179002		<10	115	<10	76	<0.001
W179003		<10	107	<10	82	0.002
W179004		<10	113	<10	80	<0.001
W179005		<10	231	<10	106	0.015
W179006		<10	115	<10	67	0.005
W179007		<10	231	10	99	0.079
W179008		<10	123	<10	94	0.006
W179009		<10	183	10	72	0.015
W179010		<10	141	10	103	0.134
W179011		<10	88	<10	126	0.004
W179012		<10	87	<10	75	<0.001
W179013		<10	77	<10	53	0.035
W179014		<10	67	<10	35	0.154
W179015		<10	110	<10	109	0.012
W179016		<10	96	<10	55	0.001
W179017		<10	86	<10	50	<0.001
W179018		<10	43	<10	26	<0.001
W179019		<10	150	40	302	3.95
W179020		<10	103	<10	69	0.005
W179021		<10	409	<10	82	<0.001
W179022		<10	422	<10	87	<0.001
W179023		<10	321	<10	153	<0.001
W179024		<10	107	<10	43	<0.001
W179025		<10	169	<10	51	<0.001
W179026		<10	40	<10	22	<0.001
W179027		<10	107	<10	75	0.002
W179028		<10	10	1390	5	<0.001
W179029		<10	131	<10	62	<0.001
W179030		<10	110	<10	84	<0.001
W179031		<10	82	<10	59	<0.001
W179032		<10	57	<10	52	<0.001
W179033		<10	64	<10	55	<0.001
W179034		<10	6	<10	4	<0.001
W179035		<10	60	<10	51	<0.001
W179036		<10	1	<10	<2	<0.001
W179037		<10	69	<10	54	<0.001
W179038		<10	104	<10	70	<0.001
W179039		<10	1	<10	3	0.001
W179040		<10		<10		



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Description échantillon	Méthode	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	élément	Poids reçu	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	unités	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	L.D.	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
W179041		0.53	<0.5	0.61	<5	90	<0.5	2	0.38	<0.5	1	18	2	0.84	<10	0.17
W179042		0.77	<0.5	8.28	<5	20	<0.5	2	9.08	<0.5	52	275	122	8.51	20	0.10
W179043		0.33	<0.5	0.42	<5	<10	<0.5	<2	0.50	<0.5	3	40	5	1.63	<10	0.01
W179044		0.68	<0.5	8.25	<5	30	<0.5	<2	9.01	<0.5	49	267	81	8.77	20	0.09
W179045		0.77	<0.5	8.52	<5	40	<0.5	<2	8.75	<0.5	51	250	84	8.74	20	0.13
W179046		0.34	<0.5	0.68	<5	<10	<0.5	<2	0.96	<0.5	5	45	8	1.80	<10	0.01
W179047		0.81	<0.5	7.97	<5	60	<0.5	<2	7.55	<0.5	50	190	47	8.77	20	0.32
W179048		0.35	<0.5	0.19	<5	<10	<0.5	<2	0.14	<0.5	1	24	4	0.98	<10	0.01
W179049		1.19	<0.5	8.16	<5	480	1.4	<2	4.17	<0.5	19	28	16	5.06	20	1.58
W179050		0.65	<0.5	8.65	<5	1020	1.4	<2	3.59	<0.5	15	20	14	4.11	20	2.27
W179051		0.75	<0.5	8.26	<5	290	0.7	<2	6.97	<0.5	45	177	17	10.10	20	1.09
W179052		0.56	<0.5	9.01	<5	580	1.0	<2	2.39	<0.5	11	58	13	4.12	20	1.45
W179053		1.08	<0.5	8.78	<5	170	<0.5	<2	8.24	<0.5	44	102	14	7.14	10	0.57
W179054		0.57	<0.5	8.11	<5	30	<0.5	<2	8.54	<0.5	36	241	<1	6.25	10	0.11
W179055		0.57	<0.5	8.83	<5	50	<0.5	<2	8.42	<0.5	43	407	53	5.77	10	0.14
W179056		1.76	<0.5	8.68	<5	130	0.8	2	5.01	0.5	31	115	79	7.73	20	0.32
W179057		0.46	<0.5	7.47	<5	120	<0.5	<2	7.04	<0.5	49	137	23	7.80	10	0.34
W179058		0.52	<0.5	8.95	<5	40	<0.5	<2	9.03	<0.5	32	373	32	4.93	10	0.07
W179059		1.68	<0.5	7.63	<5	50	<0.5	<2	8.11	<0.5	39	10	94	9.22	20	0.16
W179060		0.11	0.8	7.45	31	630	0.8	2	2.54	0.7	19	65	151	5.49	10	1.16
W179061		0.59	<0.5	8.39	<5	30	<0.5	<2	7.55	<0.5	39	40	7	7.13	10	0.13
W179062		0.43	<0.5	6.29	<5	10	<0.5	<2	8.07	0.5	70	107	39	10.65	10	0.12
W179063		1.06	<0.5	9.27	<5	30	<0.5	<2	9.02	<0.5	52	502	107	8.15	20	0.11
W179064		0.82	<0.5	8.48	<5	50	<0.5	<2	7.24	<0.5	61	98	88	8.31	10	0.13
W179065		0.56	0.9	0.67	<5	20	<0.5	43	0.66	<0.5	4	61	6	1.31	<10	0.13
W179066		0.56	<0.5	6.52	<5	280	<0.5	<2	6.30	<0.5	37	529	49	7.09	10	0.85
W179067		0.56	<0.5	7.86	<5	170	<0.5	<2	7.22	<0.5	50	254	193	7.76	10	1.11
W179068		0.78	<0.5	8.05	<5	580	1.3	<2	3.04	<0.5	10	29	27	3.07	20	1.30
W179069		0.66	0.6	0.10	<5	<10	<0.5	421	0.06	<0.5	<1	28	43	0.72	<10	0.01
W179070		0.42	<0.5	8.50	<5	70	3.4	39	8.57	<0.5	53	232	32	8.53	20	0.39
W179071		0.87	<0.5	8.49	<5	70	<0.5	4	9.94	<0.5	38	222	124	8.28	20	0.24
W179072		0.39	<0.5	7.64	<5	50	<0.5	<2	6.79	<0.5	46	13	15	10.80	20	0.16
W179073		0.95	<0.5	0.93	<5	10	<0.5	<2	0.96	<0.5	2	31	9	1.35	<10	0.03
W179074		0.57	<0.5	9.69	<5	140	<0.5	<2	8.72	<0.5	41	22	7	6.99	10	0.21
W179075		0.51	<0.5	0.75	<5	20	<0.5	<2	0.84	<0.5	3	32	19	1.33	<10	0.06
W179076		0.78	<0.5	8.25	<5	320	<0.5	<2	5.47	<0.5	21	5	159	9.33	20	0.61
W179077		0.48	<0.5	6.03	<5	70	<0.5	<2	2.50	<0.5	12	4	140	9.70	20	0.31
W179078		0.65	<0.5	8.77	<5	300	<0.5	<2	8.51	<0.5	36	639	2	5.33	10	0.27
W179079		0.61	<0.5	4.39	6	10	<0.5	<2	8.77	<0.5	85	1245	2	7.19	10	0.10
W179080		1.14	<0.5	0.15	5	810	<0.5	<2	34.8	<0.5	2	4	2	0.16	<10	0.04



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**CERTIFICAT D'ANALYSE VO17185392**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Ti % 0.01	Tl ppm 10
W179041		<10	0.09	114	12	0.25	3	60	<2	<0.01	⊖	1	45	<20	0.02	<10
W179042		<10	4.09	1785	<1	1.47	171	240	<2	0.02	⊖	41	123	<20	0.51	<10
W179043		<10	0.36	227	1	0.04	10	10	<2	<0.01	⊖	2	4	<20	0.03	<10
W179044		<10	4.53	1495	<1	1.18	166	210	<2	0.06	⊖	42	149	<20	0.52	<10
W179045		<10	3.89	1460	1	1.16	182	260	<2	0.04	⊖	42	113	<20	0.56	<10
W179046		<10	0.49	266	1	0.12	18	20	<2	<0.01	⊖	4	6	<20	0.04	<10
W179047		<10	5.07	1525	1	1.52	161	260	<2	0.01	⊖	38	112	<20	0.53	<10
W179048		<10	0.10	123	2	0.05	5	30	<2	<0.01	⊖	1	2	<20	0.02	<10
W179049		20	1.98	948	1	3.17	17	1140	7	<0.01	⊖	13	850	<20	0.37	<10
W179050		20	1.45	725	1	3.51	12	1030	8	<0.01	⊖	10	811	<20	0.32	<10
W179051		10	4.37	2770	2	2.20	117	540	5	<0.01	⊖	38	452	<20	0.65	<10
W179052		10	1.09	607	1	3.99	23	690	4	0.06	⊖	7	409	<20	0.36	<10
W179053		<10	6.06	1405	<1	1.31	98	150	<2	<0.01	⊖	52	113	<20	0.23	<10
W179054		<10	7.59	1250	<1	1.18	107	90	<2	<0.01	⊖	49	77	<20	0.18	10
W179055		<10	7.03	1145	<1	1.44	129	80	<2	<0.01	⊖	46	101	<20	0.17	<10
W179056		10	2.67	1940	2	2.61	53	620	2	0.33	⊖	30	392	<20	0.53	10
W179057		<10	6.76	1460	1	1.16	115	120	<2	<0.01	⊖	51	59	<20	0.24	<10
W179058		<10	5.89	980	<1	1.44	104	110	<2	<0.01	⊖	39	113	<20	0.18	<10
W179059		<10	2.33	1400	1	0.84	31	210	<2	<0.01	⊖	44	116	<20	0.48	<10
W179060		10	1.59	908	8	2.33	45	790	49	0.15	⊖	8	17	<20	0.39	<10
W179061		<10	5.24	1400	<1	1.89	73	150	<2	<0.01	⊖	49	109	<20	0.23	<10
W179062		<10	8.21	1735	<1	0.84	267	20	<2	0.01	⊖	34	15	<20	0.28	<10
W179063		<10	5.42	1305	<1	1.63	162	200	<2	<0.01	⊖	45	119	<20	0.42	<10
W179064		<10	6.24	1290	1	1.18	279	220	<2	0.06	⊖	22	114	<20	0.37	10
W179065		<10	0.69	193	9	0.13	22	40	51	0.01	⊖	1	12	<20	0.03	<10
W179066		<10	6.72	1330	1	1.50	168	230	<2	0.04	⊖	31	139	<20	0.40	<10
W179067		<10	5.37	1205	<1	1.21	101	270	5	0.90	⊖	38	125	<20	0.49	<10
W179068		10	1.06	568	<1	4.02	13	750	8	0.01	⊖	7	774	<20	0.26	<10
W179069		<10	0.03	81	1	0.04	2	10	4	0.01	⊖	<1	3	<20	<0.01	<10
W179070		<10	2.85	1795	1	2.21	156	290	2	0.02	⊖	45	204	<20	0.60	<10
W179071		<10	2.56	1820	2	1.89	87	310	<2	0.11	⊖	43	183	<20	0.58	<10
W179072		<10	3.13	1755	<1	1.65	37	280	<2	<0.01	⊖	53	81	<20	0.56	<10
W179073		<10	0.38	231	<1	0.24	1	70	<2	<0.01	⊖	5	7	<20	0.08	<10
W179074		<10	4.70	1325	1	1.90	68	280	<2	<0.01	⊖	44	110	<20	0.29	<10
W179075		<10	0.30	223	1	0.06	4	40	<2	0.02	⊖	4	11	<20	0.02	<10
W179076		<10	3.25	1260	1	1.93	15	320	<2	0.29	⊖	62	122	<20	0.56	<10
W179077		10	1.59	1160	1	1.70	<1	530	2	0.13	⊖	45	66	<20	0.58	<10
W179078		10	6.02	1245	1	1.22	111	80	2	<0.01	⊖	34	76	<20	0.15	<10
W179079		10	9.44	1750	<1	0.45	558	20	<2	<0.01	⊖	24	98	<20	0.15	<10
W179080		10	0.89	982	<1	<0.01	<1	160	10	0.12	⊖	1	158	<20	0.02	10



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**CERTIFICAT D'ANALYSE VO17185392**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21
		U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Au ppm 0.001
W179041		<10	9	<10	4	<0.001
W179042		<10	263	<10	87	0.002
W179043		<10	15	<10	8	<0.001
W179044		<10	269	<10	90	<0.001
W179045		<10	282	<10	86	0.002
W179046		<10	25	<10	9	<0.001
W179047		<10	267	<10	87	<0.001
W179048		<10	6	60	2	<0.001
W179049		<10	132	<10	90	<0.001
W179050		<10	112	<10	72	<0.001
W179051		<10	265	<10	142	<0.001
W179052		<10	111	<10	81	<0.001
W179053		<10	212	<10	49	<0.001
W179054		<10	186	<10	43	<0.001
W179055		<10	172	<10	48	0.003
W179056		<10	223	<10	105	0.001
W179057		<10	231	<10	48	0.007
W179058		<10	150	<10	39	0.001
W179059		<10	334	<10	50	0.002
W179060		<10	151	40	302	4.03
W179061		<10	216	<10	42	<0.001
W179062		<10	256	<10	108	<0.001
W179063		<10	233	<10	98	<0.001
W179064		<10	180	<10	81	<0.001
W179065		<10	19	<10	30	0.018
W179066		<10	210	<10	118	<0.001
W179067		<10	256	<10	85	<0.001
W179068		<10	74	<10	66	<0.001
W179069		<10	4	<10	<2	0.007
W179070		<10	307	<10	103	<0.001
W179071		<10	279	<10	96	<0.001
W179072		<10	354	<10	61	<0.001
W179073		<10	25	<10	5	<0.001
W179074		<10	216	<10	46	<0.001
W179075		<10	22	<10	4	0.001
W179076		<10	423	<10	41	0.137
W179077		<10	223	<10	36	<0.001
W179078		<10	141	<10	47	<0.001
W179079		<10	131	<10	89	<0.001
W179080		<10	2	<10	3	<0.001



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Description échantillon	Méthode	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	élément	Poids reçu	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
unités		kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
L.D.		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
W179081		0.85	<0.5	0.02	<5	<10	<0.5	<2	0.15	<0.5	<1	28	1	0.60	<10	<0.01
W179082		0.67	<0.5	3.14	<5	<10	<0.5	3	5.04	<0.5	97	1565	77	9.08	10	0.01
W179083		1.23	<0.5	7.15	<5	<10	<0.5	<2	0.02	<0.5	86	1375	11	10.20	20	<0.01
W179084		0.84	<0.5	2.95	<5	<10	<0.5	<2	3.95	<0.5	52	1380	63	8.27	10	0.03
W179085		0.35	<0.5	7.10	<5	350	2.4	<2	0.33	<0.5	2	23	1	5.71	30	4.50
W179086		0.47	<0.5	8.44	<5	670	1.3	5	3.41	<0.5	24	140	41	4.65	20	2.30
W179087		0.23	<0.5	1.72	<5	70	<0.5	<2	0.56	<0.5	15	27	7	3.49	10	0.31
W179088		0.39	<0.5	8.06	<5	690	1.4	<2	2.84	<0.5	14	47	11	3.45	20	2.31
W179089		0.52	<0.5	8.57	<5	10	<0.5	4	12.30	<0.5	4	20	1	9.84	60	0.06
W179090		1.03	<0.5	8.15	<5	240	0.7	<2	4.45	<0.5	44	210	75	6.96	20	0.67
W179091		0.89	<0.5	7.21	<5	140	<0.5	5	6.91	<0.5	48	33	135	14.30	20	0.30
W179092		1.22	<0.5	8.42	5	490	1.6	2	2.93	<0.5	11	47	10	2.85	20	1.29
W179093		0.34	<0.5	7.94	7	700	1.2	<2	2.50	<0.5	7	35	10	2.02	20	1.10
W179094		0.23	<0.5	7.97	<5	480	0.9	<2	3.45	<0.5	15	59	9	3.45	20	1.06
W179095		0.72	<0.5	7.88	<5	490	1.1	2	4.42	<0.5	18	79	8	4.38	20	0.71
W179096		0.55	<0.5	8.95	<5	520	1.0	2	4.32	<0.5	18	87	48	3.36	20	1.67
W179097		0.63	<0.5	9.50	32	480	1.6	<2	3.80	<0.5	40	99	95	5.38	30	1.79
W179098		0.78	<0.5	9.91	34	580	1.5	3	3.02	<0.5	29	101	88	5.46	30	2.33
W179099		0.91	<0.5	9.64	5	500	1.8	3	3.34	<0.5	33	104	90	5.25	30	1.62
W179100		0.11	<0.5	7.19	33	610	0.8	3	2.45	0.6	16	65	149	5.28	20	1.12
W179101		0.75	<0.5	4.95	<5	30	0.6	4	6.16	<0.5	49	45	195	9.54	20	0.07
W179102		0.83	<0.5	9.04	8	760	1.2	2	2.18	<0.5	16	69	24	6.99	30	2.70
W179103		0.39	<0.5	0.38	<5	30	<0.5	<2	0.11	<0.5	1	25	2	0.95	<10	0.09
W179104		0.82	<0.5	7.46	<5	340	<0.5	<2	5.90	<0.5	51	291	215	14.70	20	0.91
W179105		0.44	<0.5	7.68	12	390	<0.5	<2	3.86	<0.5	41	307	90	5.66	20	1.15
W179106		0.82	<0.5	0.32	<5	<10	<0.5	<2	0.25	<0.5	3	37	2	1.06	<10	<0.01
W179107		0.67	<0.5	6.02	8	180	1.2	3	0.49	<0.5	22	53	56	7.72	10	1.51
W179108		0.60	<0.5	7.39	7	150	<0.5	<2	6.86	<0.5	46	47	61	12.65	20	0.32
W179109		0.70	<0.5	6.72	<5	90	<0.5	4	6.65	<0.5	47	39	104	13.95	20	0.14
W179110		0.86	<0.5	7.58	<5	30	0.5	3	7.43	<0.5	56	54	84	9.44	20	0.07
W179111		0.72	<0.5	6.89	154	110	<0.5	3	4.58	0.6	76	42	111	16.35	20	0.38
W179112		0.38	<0.5	0.69	<5	10	<0.5	<2	0.60	<0.5	2	24	2	1.49	<10	0.03
W179113		0.64	<0.5	7.45	<5	80	<0.5	<2	6.75	0.7	44	129	33	9.35	20	0.50
W179114		0.51	<0.5	1.71	<5	20	<0.5	<2	1.03	<0.5	3	33	8	1.53	<10	0.21
W179115		0.54	<0.5	0.56	<5	10	<0.5	<2	0.17	<0.5	<1	22	3	0.71	<10	0.05
W179116		0.74	<0.5	8.49	<5	10	<0.5	<2	9.50	<0.5	40	294	44	5.92	10	0.07
W179117		0.54	<0.5	6.97	<5	20	<0.5	4	8.24	<0.5	10	145	20	3.29	10	0.08
W179118		0.54	<0.5	2.75	<5	<10	<0.5	<2	2.89	0.8	133	2160	54	10.10	10	<0.01
W179119		0.58	<0.5	2.40	<5	<10	<0.5	<2	2.36	0.6	109	1730	31	9.69	10	<0.01
W179120		0.92	<0.5	0.09	<5	350	<0.5	<2	34.7	<0.5	1	9	1	0.15	<10	0.01



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		La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Ti % 0.01	Tl ppm 10
W179081		<10	0.02	77	<1	0.01	1	10	<2	<0.01	♁	<1	2	<20	<0.01	<10
W179082		10	13.45	2060	<1	0.06	635	50	<2	0.01	♁	25	8	<20	0.14	<10
W179083		<10	14.10	501	<1	<0.01	478	40	<2	0.01	♁	8	<1	<20	0.63	<10
W179084		10	14.50	1545	<1	0.02	273	60	5	0.26	♁	17	11	<20	0.09	<10
W179085		10	0.12	467	<1	2.13	5	30	39	<0.01	♁	4	127	30	0.10	<10
W179086		10	2.43	706	23	2.51	47	550	3	0.10	♁	21	768	<20	0.46	10
W179087		<10	1.70	563	<1	0.06	21	20	3	<0.01	♁	5	18	<20	0.20	<10
W179088		30	1.45	605	1	3.38	19	830	13	<0.01	♁	9	624	<20	0.30	<10
W179089		10	0.43	629	1	0.07	3	370	4	<0.01	♁	4	5650	<20	0.12	<10
W179090		10	2.93	858	<1	2.29	62	440	14	2.06	♁	23	731	<20	0.79	<10
W179091		10	3.60	4440	<1	1.22	45	500	<2	0.71	♁	48	111	<20	0.74	10
W179092		10	1.25	391	<1	3.80	26	680	10	<0.01	♁	9	778	<20	0.25	<10
W179093		<10	0.68	314	2	3.23	16	420	6	0.01	♁	6	892	<20	0.20	<10
W179094		10	1.84	513	1	3.39	40	740	8	<0.01	♁	10	600	<20	0.33	<10
W179095		20	2.42	883	42	3.04	35	990	9	0.01	♁	14	719	<20	0.39	<10
W179096		10	1.03	784	1	2.04	30	610	7	0.14	♁	11	778	<20	0.32	<10
W179097		30	0.97	795	2	1.84	73	730	16	0.86	♁	24	548	<20	0.47	10
W179098		10	1.20	561	6	2.45	39	880	15	0.46	♁	24	495	<20	0.53	10
W179099		10	1.14	612	3	2.66	59	740	11	0.63	♁	27	517	<20	0.55	10
W179100		10	1.53	881	8	2.24	42	780	50	0.15	5	17	280	<20	0.37	<10
W179101		<10	3.04	1985	<1	2.40	59	300	7	5.28	♁	33	159	<20	0.39	10
W179102		10	1.78	1465	5	2.54	32	660	8	0.49	♁	28	551	<20	0.58	<10
W179103		<10	0.06	125	<1	0.11	2	30	<2	0.04	♁	1	22	<20	0.02	<10
W179104		<10	2.94	4340	<1	0.56	192	260	<2	1.88	7	41	69	<20	0.52	<10
W179105		<10	1.74	1560	4	1.35	131	250	<2	0.25	♁	35	120	<20	0.50	<10
W179106		<10	0.17	186	1	0.06	4	10	3	0.01	♁	2	6	<20	0.04	<10
W179107		10	1.30	607	3	2.36	54	570	8	2.35	♁	9	83	<20	0.14	<10
W179108		10	3.85	3150	1	1.37	53	390	<2	0.14	♁	46	116	<20	0.70	<10
W179109		10	3.94	3710	1	1.14	50	360	<2	0.16	♁	42	71	<20	0.63	10
W179110		10	3.90	1955	<1	1.68	77	370	<2	0.01	7	47	98	<20	0.70	10
W179111		10	4.06	3720	1	1.10	109	390	<2	0.68	♁	42	45	<20	0.71	<10
W179112		<10	0.24	311	<1	0.17	3	130	<2	<0.01	♁	2	14	<20	0.05	<10
W179113		<10	4.06	1575	2	1.97	91	270	<2	0.02	♁	41	155	<20	0.59	<10
W179114		<10	0.35	237	8	0.54	7	60	<2	0.01	♁	4	41	<20	0.07	<10
W179115		<10	0.02	83	<1	0.24	<1	10	<2	<0.01	♁	<1	7	<20	<0.01	<10
W179116		<10	6.29	1145	<1	0.70	100	90	2	0.04	♁	48	83	<20	0.17	<10
W179117		<10	2.07	658	2	0.07	39	50	<2	0.01	♁	22	102	<20	0.08	<10
W179118		<10	16.45	1690	<1	0.01	933	40	<2	0.29	♁	19	17	<20	0.10	<10
W179119		<10	16.80	1865	<1	0.01	752	30	<2	0.18	♁	18	8	<20	0.11	<10
W179120		10	1.15	1130	<1	<0.01	<1	140	7	0.05	♁	<1	174	<20	0.01	<10



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**CERTIFICAT D'ANALYSE VO17185392**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21
		U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Au ppm 0.001
W179081		<10	2	<10	<2	<0.001
W179082		<10	118	<10	96	<0.001
W179083		<10	193	<10	110	<0.001
W179084		<10	80	<10	85	<0.001
W179085		<10	30	<10	51	<0.001
W179086		<10	163	<10	69	<0.001
W179087		<10	77	<10	70	<0.001
W179088		<10	86	<10	65	<0.001
W179089		<10	70	<10	17	<0.001
W179090		<10	188	<10	117	0.014
W179091		<10	350	<10	160	<0.001
W179092		<10	69	<10	40	<0.001
W179093		<10	56	<10	43	<0.001
W179094		<10	91	<10	55	<0.001
W179095		<10	122	<10	59	<0.001
W179096		<10	100	<10	76	<0.001
W179097		<10	182	<10	113	0.001
W179098		<10	196	<10	91	0.004
W179099		<10	216	<10	89	0.002
W179100		<10	145	40	293	3.90
W179101		<10	192	130	71	0.315
W179102		<10	205	10	116	0.011
W179103		<10	7	<10	2	<0.001
W179104		<10	278	<10	109	0.292
W179105		<10	260	10	61	2.39
W179106		<10	14	<10	5	0.007
W179107		<10	48	<10	75	0.017
W179108		<10	328	<10	122	<0.001
W179109		<10	311	<10	121	<0.001
W179110		<10	335	<10	109	<0.001
W179111		<10	305	<10	780	0.001
W179112		<10	19	<10	10	<0.001
W179113		<10	284	<10	100	<0.001
W179114		<10	32	<10	11	<0.001
W179115		<10	1	<10	<2	<0.001
W179116		<10	176	<10	49	<0.001
W179117		<10	104	120	14	<0.001
W179118		<10	109	<10	102	<0.001
W179119		<10	90	<10	93	<0.001
W179120		<10	1	<10	3	0.008



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**CERTIFICAT D'ANALYSE VO17185392**

Description échantillon	Méthode	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	élément unités L.D.	Poids reçu kg 0.02	Ag ppm 0.5	Al % 0.01	As ppm 5	Ba ppm 10	Be ppm 0.5	Bi ppm 2	Ca % 0.01	Cd ppm 0.5	Co ppm 1	Cr ppm 1	Cu ppm 1	Fe % 0.01	Ga ppm 10	K % 0.01
W179121		0.74	<0.5	7.28	<5	20	<0.5	2	5.40	0.7	44	68	153	10.85	20	0.09
W179122		0.57	<0.5	1.12	<5	90	<0.5	<2	0.56	<0.5	2	25	27	1.10	<10	0.08
W179123		0.65	0.7	7.21	<5	250	0.5	2	7.62	0.8	62	145	599	14.05	20	0.81
W179124		0.68	<0.5	8.00	<5	500	0.9	5	4.50	0.5	34	129	141	7.19	20	1.34
W179125		1.06	<0.5	5.48	<5	280	1.1	3	7.20	0.7	56	75	199	10.10	20	1.02
W179126		0.75	<0.5	7.66	<5	270	1.0	<2	4.50	<0.5	18	46	88	4.72	20	0.59
W179127		0.55	<0.5	7.95	<5	520	0.8	<2	4.57	<0.5	28	126	78	7.13	20	1.34
W179128		0.68	<0.5	7.52	<5	30	0.8	<2	1.55	1.4	57	21	785	3.50	20	0.08
W179129		0.85	<0.5	7.52	<5	590	0.9	3	3.06	<0.5	23	78	29	5.64	20	1.82
W179130		0.77	<0.5	7.34	<5	500	0.8	3	4.36	<0.5	23	102	29	5.64	20	1.35
W179131		0.94	<0.5	7.68	<5	580	1.0	<2	3.77	<0.5	25	58	47	5.56	20	1.60
W179132		0.43	0.6	5.81	9	530	0.5	2	0.37	15.9	14	11	519	5.75	20	1.95
W179133		0.56	<0.5	1.11	<5	10	<0.5	<2	0.98	<0.5	6	37	24	1.73	<10	0.03
W179134		1.38	<0.5	1.56	<5	20	<0.5	<2	2.07	1.0	115	38	279	20.9	<10	0.06
W179135		0.95	<0.5	7.73	<5	40	0.6	4	5.76	0.8	92	198	322	11.90	20	0.11
W179136		0.47	<0.5	5.50	<5	200	0.5	<2	2.04	0.8	74	246	343	11.25	10	0.38
W179137		0.99	<0.5	7.10	<5	60	0.9	<2	10.45	0.6	31	219	10	7.44	20	0.34
W179138		0.37	<0.5	7.42	<5	450	1.0	<2	3.24	<0.5	18	63	27	4.11	20	1.44
W179139		0.74	1.3	3.55	<5	50	<0.5	3	4.71	<0.5	7	108	22	3.28	10	0.27
W179140		0.11	0.8	6.95	33	590	0.8	<2	2.41	1.0	17	63	151	5.19	20	1.10
W179141		1.01	<0.5	7.72	<5	90	0.5	3	7.39	0.5	42	139	149	11.50	20	0.50
W179142		0.51	<0.5	8.13	<5	30	1.2	<2	9.71	0.7	13	55	9	7.03	40	0.16
W179143		1.30	<0.5	5.72	<5	10	0.6	<2	4.11	<0.5	46	306	157	8.11	20	0.02
W179144		0.87	<0.5	7.48	<5	690	1.2	<2	3.04	0.5	15	46	45	3.58	20	2.09
W179145		0.37	<0.5	7.44	<5	870	1.1	2	2.15	<0.5	14	44	18	3.44	20	2.35
W179146		0.68	<0.5	7.18	<5	650	1.2	<2	2.23	<0.5	11	38	24	2.86	20	2.56
W179147		0.55	<0.5	6.69	<5	150	0.6	4	0.15	<0.5	1	13	7	1.20	10	0.79
W179148		0.90	<0.5	6.83	<5	70	<0.5	2	7.85	0.6	54	120	38	8.93	10	0.12
W179149		1.01	<0.5	7.37	<5	50	<0.5	2	7.67	<0.5	57	126	101	9.57	20	0.13
W179150		1.13	<0.5	2.45	<5	50	<0.5	<2	1.54	<0.5	5	31	42	1.20	<10	0.29
W179151		0.71	<0.5	8.26	<5	770	1.4	2	3.08	<0.5	14	20	18	3.61	20	2.33
W179152		0.91	<0.5	8.43	<5	860	1.3	<2	3.19	<0.5	17	19	44	4.08	20	2.29
W179153		0.88	<0.5	0.72	<5	10	<0.5	<2	0.89	<0.5	<1	29	8	1.18	<10	0.05
W179154		0.92	<0.5	8.60	<5	830	1.4	<2	3.48	<0.5	14	20	26	3.83	20	2.23
W179155		0.72	<0.5	8.37	<5	910	1.4	<2	3.61	<0.5	14	22	20	3.91	20	2.23
W179156		0.76	<0.5	8.60	<5	980	1.4	<2	2.93	<0.5	13	18	15	3.84	20	2.48
W179157		0.64	<0.5	7.53	99	380	2.0	4	3.32	<0.5	19	246	103	5.93	20	2.75
W179158		0.19	<0.5	1.99	21	140	0.6	<2	0.60	<0.5	2	32	6	1.06	<10	0.72
W179159		0.28	<0.5	9.15	183	470	1.3	2	0.92	<0.5	24	167	39	3.41	20	3.69
W179160		0.93	<0.5	0.09	<5	580	<0.5	<2	35.9	<0.5	<1	3	1	0.11	<10	0.02



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**CERTIFICAT D'ANALYSE VO17185392**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Ti % 0.01	Tl ppm 10
W179121		<10	5.29	1130	1	1.84	40	390	<2	0.07	↘	39	133	<20	0.73	<10
W179122		<10	0.19	139	1	0.35	2	30	2	<0.01	↘	1	34	<20	0.04	<10
W179123		10	3.02	2520	3	1.27	76	380	115	3.52	↘	31	694	<20	0.48	<10
W179124		10	1.97	1580	3	2.47	68	510	7	0.64	↘	27	380	<20	0.48	<10
W179125		20	4.07	1240	1	2.32	134	660	<2	0.02	↘	22	313	<20	1.01	<10
W179126		10	1.15	1185	2	3.18	11	780	12	0.27	↘	12	770	<20	0.32	<10
W179127		10	2.19	1715	1	2.78	58	570	10	0.34	↘	27	516	<20	0.53	<10
W179128		10	1.19	170	1	4.48	13	660	4	0.51	↘	7	177	<20	0.31	<10
W179129		10	1.91	1150	1	2.74	28	550	5	0.21	↘	22	593	<20	0.45	10
W179130		20	1.65	1380	2	2.28	39	660	8	0.32	↘	17	359	<20	0.42	<10
W179131		10	1.63	1255	2	2.78	27	560	6	1.10	↘	22	467	<20	0.45	<10
W179132		20	0.65	143	3	1.03	17	330	10	1.69	↘	9	38	<20	0.15	<10
W179133		<10	0.50	242	9	0.33	7	30	<2	0.02	↘	4	25	<20	0.07	<10
W179134		10	1.24	540	3	0.24	230	530	3	9.36	↘	11	31	<20	0.08	<10
W179135		10	3.87	1615	1	1.98	154	630	7	2.70	↘	48	199	<20	0.82	<10
W179136		20	2.59	732	7	1.99	169	320	9	4.84	↘	26	108	<20	0.22	<10
W179137		<10	3.11	1965	<1	0.16	125	240	6	0.12	↘	35	255	<20	0.49	<10
W179138		20	1.82	818	1	2.73	30	680	4	0.03	↘	12	295	<20	0.37	<10
W179139		<10	0.51	653	29	0.10	29	70	82	0.21	↘	9	229	<20	0.15	<10
W179140		10	1.51	858	8	2.21	39	750	48	0.14	↘	16	274	<20	0.38	<10
W179141		<10	3.01	2180	1	1.53	82	360	3	0.78	↘	40	259	<20	0.61	<10
W179142		10	1.11	1155	2	0.13	27	580	10	0.11	↘	12	1940	<20	0.30	<10
W179143		<10	2.85	1505	5	0.02	136	290	5	1.03	↘	39	920	<20	0.60	<10
W179144		20	1.64	711	1	3.07	17	790	25	0.01	↘	10	580	<20	0.32	<10
W179145		10	1.42	577	<1	2.91	14	680	28	0.01	↘	9	612	<20	0.32	<10
W179146		20	1.15	532	1	2.86	11	600	14	<0.01	↘	7	451	<20	0.24	<10
W179147		10	0.51	130	1	4.78	<1	230	2	0.10	↘	1	93	<20	0.09	<10
W179148		<10	4.80	1630	1	1.13	101	230	<2	<0.01	↘	36	98	<20	0.54	<10
W179149		<10	4.80	1680	<1	1.20	100	280	4	0.04	↘	40	128	<20	0.54	<10
W179150		<10	0.34	220	1	0.35	12	110	<2	0.02	↘	3	39	<20	0.04	<10
W179151		20	1.34	686	<1	3.12	10	970	8	0.01	↘	9	729	<20	0.27	<10
W179152		20	1.54	751	2	3.45	11	1040	7	<0.01	↘	10	755	<20	0.31	10
W179153		<10	0.06	141	<1	0.08	<1	50	2	0.01	↘	1	339	<20	0.02	<10
W179154		30	1.34	694	1	3.25	11	930	10	<0.01	↘	9	827	<20	0.30	<10
W179155		30	1.39	738	1	3.22	11	950	9	<0.01	↘	10	784	<20	0.31	<10
W179156		20	1.42	684	2	3.47	11	990	9	<0.01	↘	11	661	<20	0.31	<10
W179157		20	3.64	1160	1	0.22	45	2080	8	0.31	↘	25	359	<20	0.34	<10
W179158		<10	0.24	136	<1	0.37	5	580	7	0.02	↘	2	161	<20	0.03	<10
W179159		40	1.02	333	3	3.84	80	760	16	0.53	↘	16	438	20	0.35	10
W179160		10	0.42	638	<1	<0.01	<1	140	157	0.08	↘	1	212	<20	0.01	10



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CERTIFICAT D'ANALYSE VO17185392

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21
		U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Au ppm 0.001
W179121		<10	349	<10	87	<0.001
W179122		<10	16	<10	3	<0.001
W179123		<10	223	<10	158	0.009
W179124		<10	190	<10	87	0.001
W179125		<10	235	<10	81	<0.001
W179126		<10	123	10	54	0.001
W179127		<10	219	<10	108	0.010
W179128		<10	68	<10	682	0.002
W179129		<10	181	<10	85	0.004
W179130		<10	150	20	76	0.001
W179131		<10	168	<10	77	0.004
W179132		<10	30	<10	5050	0.006
W179133		<10	31	<10	22	0.001
W179134		<10	51	<10	57	0.001
W179135		<10	294	<10	144	0.009
W179136		<10	94	<10	308	0.001
W179137		<10	237	<10	86	<0.001
W179138		<10	117	<10	74	<0.001
W179139		<10	100	<10	25	0.011
W179140		<10	143	40	292	3.93
W179141		<10	288	<10	105	0.020
W179142		<10	291	<10	43	0.004
W179143		<10	125	<10	97	<0.001
W179144		<10	95	<10	521	0.013
W179145		<10	100	<10	268	0.004
W179146		<10	67	<10	57	<0.001
W179147		<10	17	<10	9	0.013
W179148		<10	271	<10	92	0.002
W179149		<10	286	<10	100	0.004
W179150		<10	14	<10	9	<0.001
W179151		<10	91	<10	66	<0.001
W179152		<10	114	<10	75	<0.001
W179153		<10	18	<10	3	<0.001
W179154		<10	99	<10	73	<0.001
W179155		<10	106	<10	70	<0.001
W179156		<10	99	<10	67	<0.001
W179157		<10	152	<10	83	0.003
W179158		<10	12	50	7	<0.001
W179159		<10	104	<10	17	0.004
W179160		<10	1	<10	<2	0.001



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**CERTIFICAT D'ANALYSE VO17185392**

Description échantillon	Méthode	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	élément	Poids reçu	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
unités		kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
L.D.		0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
W179161		0.23	<0.5	6.87	16	1250	1.3	<2	0.83	<0.5	1	38	3	1.06	10	3.24
W179162		0.59	<0.5	10.15	36	1200	1.5	<2	1.46	<0.5	24	212	41	5.09	30	4.09
W179163		0.55	<0.5	7.60	<5	510	1.5	2	2.06	<0.5	14	167	105	4.07	20	1.91
W179164		0.68	<0.5	8.81	18	660	1.9	<2	1.98	<0.5	20	214	124	4.64	20	2.42
W179165		0.74	<0.5	8.51	16	700	1.5	<2	2.17	<0.5	14	109	41	3.68	20	2.99
W179166		0.46	<0.5	9.34	354	820	1.9	2	1.67	<0.5	20	171	72	4.51	20	2.93
W179167		1.54	<0.5	4.52	271	260	0.7	<2	3.06	<0.5	39	703	3	4.76	20	1.08
W179168		0.91	<0.5	5.88	212	370	1.0	<2	4.95	<0.5	35	671	<1	6.28	20	1.71
W179169		1.01	<0.5	4.90	7	40	0.8	4	2.91	0.7	37	110	170	12.90	10	1.82
W179170		0.30	<0.5	7.12	10	280	2.0	<2	3.34	<0.5	26	242	56	7.47	20	1.71
W179171		0.42	<0.5	1.25	<5	40	<0.5	<2	1.27	<0.5	5	110	7	1.86	<10	0.25
W179172		0.93	<0.5	6.69	5	160	0.6	<2	5.94	<0.5	41	87	71	10.35	20	1.18
W179173		1.30	<0.5	7.31	5	280	0.9	3	6.47	0.5	40	201	99	10.85	20	1.57
W179174		1.01	<0.5	7.59	12	340	0.8	<2	5.37	<0.5	42	212	85	11.05	20	1.69
W179175		0.88	<0.5	7.01	7	160	1.2	5	3.73	<0.5	27	216	93	9.57	20	1.83
W179176		1.42	<0.5	6.33	6	290	0.8	<2	6.83	<0.5	39	475	33	6.39	20	1.38
W179177		0.88	<0.5	0.11	5	10	0.8	4	0.54	<0.5	1	9	7	19.30	<10	0.02
W179178		0.78	<0.5	8.11	6	470	0.6	3	5.34	<0.5	54	101	44	10.80	20	1.76
W179179		1.16	<0.5	8.14	6	860	1.1	<2	2.61	<0.5	17	80	54	4.91	20	1.23
W179180		0.11	0.5	7.21	35	610	0.8	<2	2.45	0.6	17	65	148	5.29	20	1.12
W179181		0.80	<0.5	8.17	<5	1320	1.6	<2	2.32	<0.5	10	51	7	3.00	20	2.95
W179182		0.81	<0.5	7.81	11	1050	1.8	<2	2.19	<0.5	13	59	38	3.70	20	2.52
W179183		0.86	<0.5	7.47	23	120	<0.5	4	7.14	<0.5	47	81	17	13.60	20	0.36
W179184		0.74	<0.5	0.31	5	10	0.8	2	0.82	<0.5	<1	10	13	22.7	10	0.07
W179185		0.68	<0.5	7.88	<5	1080	9.0	3	1.80	<0.5	8	38	10	2.34	30	3.39
W179186		0.54	<0.5	7.83	18	990	1.7	<2	2.41	<0.5	11	60	82	3.85	20	2.50
W179187		0.82	<0.5	6.33	<5	280	0.5	<2	0.98	<0.5	17	85	11	2.67	20	1.02
W179188		0.60	<0.5	7.03	8	150	0.6	5	5.29	<0.5	42	106	190	14.45	50	0.25
W179189		0.43	<0.5	7.86	9	100	<0.5	3	6.70	<0.5	45	120	9	10.05	20	0.20
W179190		0.66	<0.5	7.68	7	380	0.6	3	0.34	<0.5	18	61	14	4.37	20	2.92
W179191		0.82	<0.5	0.26	<5	20	<0.5	<2	0.02	<0.5	<1	25	3	0.68	<10	0.09
W179192		0.80	0.5	15.45	<5	940	3.4	7	0.44	<0.5	38	132	18	7.67	30	4.56
W179193		0.92	0.5	8.21	5	260	1.6	4	2.34	<0.5	15	22	59	3.84	20	1.91
W179194		0.94	<0.5	7.99	7	210	<0.5	<2	6.10	<0.5	43	58	75	6.79	20	0.64
W179195		0.68	<0.5	6.87	8	40	<0.5	5	5.36	<0.5	45	5	110	12.10	20	0.20
W179196		0.82	<0.5	8.26	<5	510	1.1	<2	0.61	<0.5	13	84	37	5.44	20	3.10
W179197		0.47	<0.5	1.16	<5	50	<0.5	<2	0.33	<0.5	4	22	20	1.57	<10	0.29
W179198		0.25	<0.5	0.68	<5	20	<0.5	<2	0.16	<0.5	2	18	1	1.90	<10	0.06
W179199		0.46	1.7	8.30	12	1140	1.3	4	2.35	<0.5	13	23	100	6.68	20	1.01
W179200		1.05	<0.5	0.28	<5	720	<0.5	<2	34.5	<0.5	1	5	1	0.28	<10	0.04



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**CERTIFICAT D'ANALYSE VO17185392**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Ti % 0.01	Tl ppm 10
W179161		10	0.22	122	1	1.27	8	270	35	0.01	<5	3	326	<20	0.06	<10
W179162		30	1.92	631	3	2.11	104	310	44	0.13	<5	22	413	20	0.42	<10
W179163		20	1.51	536	2	2.12	48	660	20	0.36	<5	12	399	<20	0.28	<10
W179164		30	1.62	605	3	2.21	61	930	29	0.30	5	15	387	20	0.37	<10
W179165		10	1.29	453	2	2.42	42	700	22	0.77	<5	12	395	<20	0.27	10
W179166		30	1.72	633	3	1.92	77	830	23	0.21	<5	17	397	<20	0.37	<10
W179167		10	5.55	1255	<1	0.56	504	850	4	0.02	<5	13	166	<20	0.14	<10
W179168		20	10.35	1375	<1	0.41	518	1190	2	<0.01	<5	20	47	<20	0.38	10
W179169		10	1.05	1415	3	1.42	113	410	11	7.25	<5	18	103	<20	0.23	<10
W179170		20	2.07	1585	2	1.72	106	690	11	2.93	<5	17	312	<20	0.31	10
W179171		10	0.68	353	<1	0.22	16	230	2	0.13	5	3	47	<20	0.07	<10
W179172		10	3.19	2100	1	1.61	62	470	6	2.15	<5	42	288	<20	0.74	<10
W179173		10	3.29	2390	<1	1.88	76	280	10	2.81	<5	38	279	<20	0.48	10
W179174		10	3.37	2270	1	1.91	80	300	8	2.95	<5	39	274	<20	0.51	<10
W179175		10	2.06	2120	2	2.32	67	420	14	4.22	<5	29	277	<20	0.43	10
W179176		20	5.44	1560	<1	1.00	140	1110	4	0.66	<5	22	230	<20	0.29	<10
W179177		<10	0.68	243	<1	0.02	<1	1320	<2	0.05	<5	<1	25	<20	<0.01	<10
W179178		10	3.64	1565	1	1.32	82	1070	<2	0.15	<5	29	288	<20	1.16	10
W179179		20	1.62	755	<1	3.96	22	1110	13	0.02	5	16	456	<20	0.35	10
W179180		10	1.52	883	8	2.24	42	800	49	0.15	7	17	280	<20	0.37	10
W179181		30	1.11	430	<1	3.32	19	930	18	<0.01	<5	7	898	<20	0.26	<10
W179182		30	1.33	759	2	2.95	18	920	12	0.03	<5	10	791	20	0.28	<10
W179183		10	2.20	5300	1	1.46	46	640	2	0.02	<5	44	113	<20	0.95	10
W179184		<10	0.59	443	<1	0.06	<1	340	<2	0.09	<5	2	5	<20	0.03	<10
W179185		20	0.81	438	1	3.24	14	720	25	<0.01	<5	9	804	<20	0.20	<10
W179186		30	1.21	562	1	2.97	20	950	11	0.27	5	10	692	<20	0.28	<10
W179187		10	1.04	459	2	2.01	44	120	8	0.01	<5	9	105	<20	0.27	<10
W179188		10	2.12	3440	<1	2.71	51	510	7	5.49	<5	41	151	<20	0.76	<10
W179189		10	3.52	3450	1	2.08	64	550	<2	0.03	<5	46	123	<20	0.84	<10
W179190		10	0.60	1100	<1	0.13	40	610	<2	0.07	<5	16	37	<20	0.38	<10
W179191		<10	0.02	62	<1	0.02	1	10	4	0.01	<5	<1	4	<20	0.01	<10
W179192		<10	1.46	754	1	0.54	78	70	10	1.17	7	26	287	<20	0.69	<10
W179193		20	1.69	698	1	1.35	26	570	24	1.07	<5	14	236	<20	0.34	<10
W179194		10	3.65	1280	<1	2.24	56	390	3	0.08	<5	39	233	<20	0.46	<10
W179195		<10	2.48	1670	<1	2.06	4	680	<2	0.04	5	38	120	<20	1.07	<10
W179196		10	1.76	773	<1	0.45	15	980	15	0.52	<5	19	64	<20	0.47	<10
W179197		10	0.27	199	<1	0.15	19	250	4	0.43	<5	1	16	<20	0.05	<10
W179198		<10	0.18	880	<1	0.02	4	70	<2	<0.01	<5	5	3	<20	0.04	<10
W179199		30	0.66	1175	6	3.25	17	660	36	0.62	5	11	1025	<20	0.34	<10
W179200		10	0.55	769	<1	0.02	2	190	14	0.08	<5	1	296	<20	0.04	<10



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CERTIFICAT D'ANALYSE VO17185392

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21
		U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Au ppm 0.001
W179161		<10	26	<10	9	0.004
W179162		<10	160	<10	84	0.005
W179163		<10	88	<10	63	<0.001
W179164		<10	113	<10	71	0.001
W179165		<10	88	<10	63	<0.001
W179166		<10	121	<10	72	0.004
W179167		<10	100	<10	72	0.004
W179168		<10	162	<10	74	<0.001
W179169		<10	95	<10	254	0.008
W179170		<10	107	<10	299	0.004
W179171		<10	29	<10	25	<0.001
W179172		<10	328	<10	167	0.010
W179173		<10	252	<10	248	0.013
W179174		<10	267	<10	251	0.009
W179175		<10	182	<10	310	0.005
W179176		<10	173	<10	147	<0.001
W179177		<10	3	10	10	0.013
W179178		<10	250	<10	136	<0.001
W179179		<10	114	<10	78	0.007
W179180		<10	147	40	291	4.20
W179181		<10	62	<10	61	<0.001
W179182		<10	76	<10	62	0.010
W179183		<10	395	<10	125	<0.001
W179184		<10	24	<10	25	<0.001
W179185		<10	46	<10	67	<0.001
W179186		<10	80	<10	40	0.010
W179187		<10	73	<10	25	0.012
W179188		<10	302	<10	55	0.024
W179189		<10	359	<10	103	<0.001
W179190		<10	124	<10	41	0.003
W179191		<10	4	<10	<2	<0.001
W179192		<10	221	<10	76	0.022
W179193		<10	117	<10	89	0.024
W179194		<10	248	<10	67	0.006
W179195		<10	524	<10	77	0.014
W179196		<10	146	<10	76	0.025
W179197		<10	14	<10	15	0.007
W179198		<10	16	<10	5	<0.001
W179199		<10	51	<10	53	0.011
W179200		<10	5	<10	5	<0.001



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**CERTIFICAT D'ANALYSE VO17185392**

Description échantillon	Méthode élément unités L.D.	WEI-21	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Poids reçu kg 0.02	Ag ppm 0.5	Al % 0.01	As ppm 5	Ba ppm 10	Be ppm 0.5	Bi ppm 2	Ca % 0.01	Cd ppm 0.5	Co ppm 1	Cr ppm 1	Cu ppm 1	Fe % 0.01	Ga ppm 10	K % 0.01
W179201		0.64	<0.5	8.63	<5	750	1.2	<2	3.44	<0.5	6	32	13	2.61	20	1.69
W179202		0.75	<0.5	9.16	<5	320	0.8	<2	5.25	<0.5	18	30	63	6.48	20	0.67
W179203		0.51	<0.5	8.77	<5	320	1.0	<2	3.46	<0.5	10	60	23	3.38	20	0.71
W179204		0.31	<0.5	1.23	<5	60	<0.5	<2	0.54	<0.5	<1	25	13	0.76	<10	0.24
W179205		0.73	<0.5	9.07	<5	630	1.4	<2	3.59	<0.5	4	30	11	1.95	20	1.58
W179206		0.39	<0.5	9.36	<5	510	1.2	<2	3.77	<0.5	15	39	1	5.13	20	1.27
W179207		1.59	<0.5	8.21	<5	430	1.0	2	3.05	<0.5	18	87	48	3.59	20	1.03
W179208		1.38	<0.5	8.49	<5	660	1.1	2	3.30	<0.5	8	36	12	2.11	20	1.23
W179209		1.11	<0.5	8.78	<5	550	1.0	<2	4.14	<0.5	8	37	16	2.53	20	1.49
W179210		1.66	<0.5	9.04	<5	440	1.0	2	3.57	<0.5	8	29	21	2.21	20	1.26
W179211		1.22	<0.5	8.57	<5	450	1.0	<2	3.32	<0.5	9	33	20	2.04	20	1.30
W179212		1.06	<0.5	8.27	5	320	1.2	<2	3.03	<0.5	14	51	38	3.52	20	1.22
W179213		0.83	<0.5	7.88	<5	130	0.8	2	6.19	<0.5	44	98	48	11.65	30	0.55
W179214		1.04	<0.5	7.32	6	20	<0.5	<2	3.69	<0.5	28	108	76	9.62	20	0.21
W179215		1.05	<0.5	6.49	5	10	0.5	5	4.39	<0.5	29	107	64	10.30	20	0.14
W179216		0.54	<0.5	6.98	<5	20	<0.5	<2	6.38	<0.5	48	53	103	10.05	20	0.24
W179217		1.32	<0.5	6.73	<5	180	0.5	2	4.84	<0.5	76	46	633	10.35	20	0.88
W179218		1.17	<0.5	7.20	<5	510	0.8	6	2.05	<0.5	71	42	403	11.15	20	1.27
W179219		0.96	1.4	6.25	<5	360	0.6	3	7.23	<0.5	32	19	404	9.37	20	1.78
W179220		0.11	0.9	6.95	39	590	0.8	<2	2.37	0.5	18	63	144	5.09	20	1.08
W179221		1.36	<0.5	6.48	9	30	0.7	<2	2.09	0.5	15	11	501	15.00	20	0.17
W179222		0.96	<0.5	9.78	<5	30	1.3	2	8.47	0.8	29	24	67	12.50	40	0.13
W179223		0.69	<0.5	7.49	<5	460	0.9	<2	2.32	3.0	12	17	37	5.32	20	1.05
W179224		0.68	<0.5	6.40	<5	110	0.9	<2	5.97	<0.5	6	21	37	6.68	20	0.46
W179225		0.78	<0.5	7.58	<5	270	0.9	2	2.34	<0.5	11	19	15	4.37	20	1.05
W179226		0.94	0.7	7.28	6	10	0.9	4	5.16	0.9	23	21	144	19.75	30	<0.01
W179227		1.12	<0.5	8.18	<5	140	<0.5	<2	7.61	0.8	55	231	428	10.05	20	0.86
W179228		0.62	<0.5	6.93	<5	80	0.6	<2	0.40	<0.5	8	38	8	2.26	20	0.49
W179229		0.52	<0.5	7.48	<5	1050	1.1	<2	1.64	<0.5	7	21	29	2.33	20	2.60
W179230		1.08	<0.5	9.30	<5	170	<0.5	3	7.76	0.6	48	341	237	7.48	20	0.47
W179231		0.60	<0.5	7.94	<5	270	0.7	3	6.19	0.6	30	70	20	9.41	20	0.38
W179232		0.59	<0.5	8.70	<5	30	<0.5	4	8.75	0.7	46	242	56	7.70	20	0.15
W179233		0.69	<0.5	7.30	<5	430	0.6	2	10.10	0.6	44	243	148	7.81	10	0.97
W179234		1.45	<0.5	3.88	<5	260	<0.5	<2	4.54	<0.5	22	153	126	4.12	10	0.52
W179235		0.84	<0.5	7.48	<5	30	<0.5	<2	8.40	0.7	47	247	31	8.77	20	0.14
W179236		0.56	<0.5	8.67	<5	30	<0.5	4	9.04	0.5	52	222	58	8.53	20	0.16
W179237		0.81	<0.5	1.34	<5	10	<0.5	<2	1.41	<0.5	8	73	7	2.05	<10	0.02



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**CERTIFICAT D'ANALYSE VO17185392**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Ti % 0.01	Tl ppm 10
W179201		10	0.88	394	1	3.14	10	650	13	0.06	⊖	6	995	<20	0.23	<10
W179202		10	2.40	1080	2	2.99	12	1020	3	0.18	⊖	18	884	<20	0.53	10
W179203		10	1.41	480	4	3.30	13	930	7	0.03	⊖	13	702	<20	0.29	<10
W179204		<10	0.10	82	<1	0.30	2	110	3	0.01	⊖	1	82	<20	0.03	<10
W179205		<10	0.60	332	1	3.82	11	520	9	0.08	⊖	6	775	<20	0.22	<10
W179206		20	2.31	759	2	2.57	24	480	18	<0.01	⊖	14	637	20	0.31	<10
W179207		10	2.09	486	1	2.97	32	700	14	0.82	⊖	14	646	<20	0.33	<10
W179208		10	0.76	373	<1	3.28	14	680	7	0.04	⊖	6	959	<20	0.21	<10
W179209		10	0.87	490	1	3.18	12	570	7	0.06	⊖	6	907	<20	0.25	<10
W179210		10	0.80	258	1	3.77	16	620	9	0.39	⊖	6	788	<20	0.24	<10
W179211		10	0.75	239	2	3.71	17	580	10	0.36	⊖	6	736	<20	0.23	<10
W179212		20	1.50	633	2	3.43	29	690	6	0.01	⊖	11	423	<20	0.28	<10
W179213		10	2.53	992	17	0.04	64	390	2	0.04	⊖	41	932	<20	0.64	<10
W179214		10	2.39	1015	65	1.62	61	440	3	0.45	⊖	47	676	<20	0.74	<10
W179215		10	2.29	975	49	0.64	66	440	5	0.66	⊖	48	966	<20	0.73	10
W179216		10	3.40	1870	2	2.09	49	320	<2	0.15	⊖	43	92	<20	0.66	10
W179217		10	2.48	1795	1	1.50	63	440	4	2.65	⊖	39	138	<20	0.58	<10
W179218		10	2.33	1335	2	1.68	42	490	<2	2.67	9	38	175	<20	0.61	<10
W179219		10	1.99	1750	59	0.09	33	500	3	3.91	⊖	34	286	<20	0.66	<10
W179220		10	1.47	850	8	2.16	41	770	47	0.14	6	16	271	<20	0.36	<10
W179221		10	3.71	3650	2	0.05	16	700	5	1.62	⊖	6	761	<20	0.29	<10
W179222		20	2.34	3410	<1	0.89	32	910	13	0.01	⊖	10	2580	<20	0.52	<10
W179223		10	1.11	2000	1	2.60	13	510	5	0.64	⊖	8	349	<20	0.34	<10
W179224		20	0.89	2680	1	0.26	9	420	8	0.21	⊖	7	883	<20	0.28	<10
W179225		20	0.79	1580	1	3.34	16	520	6	0.08	⊖	8	322	<20	0.34	<10
W179226		10	2.68	4440	3	0.20	26	730	11	3.52	⊖	10	1955	<20	0.55	<10
W179227		<10	4.25	2150	<1	1.85	154	280	5	0.10	⊖	44	248	<20	0.56	<10
W179228		30	1.77	367	<1	4.32	15	640	<2	0.02	⊖	7	106	<20	0.23	<10
W179229		30	0.74	427	1	3.14	6	500	13	<0.01	⊖	5	421	<20	0.28	<10
W179230		<10	3.73	1390	<1	1.95	161	220	<2	0.62	⊖	36	247	<20	0.46	<10
W179231		20	0.76	1910	<1	1.76	74	790	8	0.07	⊖	37	219	<20	0.33	10
W179232		<10	2.72	2030	<1	1.76	164	270	<2	0.05	⊖	42	157	<20	0.55	<10
W179233		10	4.05	1630	<1	1.71	150	130	5	0.16	⊖	37	239	<20	0.50	<10
W179234		10	2.00	855	1	1.01	62	140	3	0.15	⊖	17	111	<20	0.23	<10
W179235		<10	5.65	1565	<1	1.26	167	210	3	0.03	⊖	38	107	<20	0.50	<10
W179236		<10	3.35	1720	<1	1.57	154	240	<2	0.01	⊖	44	143	<20	0.58	<10
W179237		<10	0.87	337	1	0.26	27	20	<2	<0.01	⊖	7	17	<20	0.09	<10



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Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Au-ICP21
		U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Au ppm 0.001
W179201		<10	58	<10	47	<0.001
W179202		<10	184	<10	80	<0.001
W179203		<10	104	<10	55	0.006
W179204		<10	15	<10	2	<0.001
W179205		<10	54	<10	49	<0.001
W179206		<10	112	<10	117	0.001
W179207		<10	114	<10	85	<0.001
W179208		<10	54	<10	53	<0.001
W179209		<10	64	<10	54	<0.001
W179210		<10	57	<10	65	<0.001
W179211		<10	57	<10	57	<0.001
W179212		<10	100	<10	52	<0.001
W179213		<10	293	<10	49	<0.001
W179214		<10	286	<10	63	0.006
W179215		<10	311	<10	61	0.003
W179216		<10	321	<10	62	<0.001
W179217		<10	268	<10	63	0.014
W179218		<10	268	<10	55	0.018
W179219		<10	318	<10	47	0.030
W179220		<10	142	40	282	4.04
W179221		<10	55	<10	185	0.012
W179222		<10	215	<10	109	<0.001
W179223		<10	68	<10	578	0.001
W179224		<10	73	<10	64	<0.001
W179225		<10	66	<10	62	<0.001
W179226		<10	97	<10	131	0.057
W179227		<10	281	<10	118	0.005
W179228		<10	76	<10	50	0.010
W179229		<10	50	<10	42	<0.001
W179230		<10	237	<10	83	0.001
W179231		<10	110	<10	222	<0.001
W179232		<10	270	<10	83	<0.001
W179233		<10	227	10	86	<0.001
W179234		<10	104	<10	52	<0.001
W179235		<10	262	<10	89	<0.001
W179236		<10	283	<10	97	<0.001
W179237		<10	49	<10	16	<0.001



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CERTIFICAT D'ANALYSE VO17185392

### COMMENTAIRE DE CERTIFICAT

#### ADRESSE DE LABORATOIRE

Applique à la Méthode:	Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada			
	BAG-01	CRU-32	CRU-QC	LOG-22
	LOG-24	PUL-32	PUL-QC	SPL-21
	WEI-21			
Applique à la Méthode:	Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21	ME-ICP61		



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**CERTIFICAT VO17185398**

Projet: ELC

Ce rapport s'applique aux 237 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 29-AOUT-2017.

Les résultats sont transmis à:

JEAN-FRANÇOIS LARIVIÈRE

MARIO MASSON

SYLVAIN TRÉPANIÉ

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-24	Entrée pulpe - Reçu sans code barre
BAG-01	Entreposage pulp de ref.
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
Ni-OG62	Teneur marchande Ni - quatre acides	ICP-AES
Pb-OG62	Teneur marchande Pb - quatre acides	ICP-AES
Zn-OG62	Teneur marchande Zn - quatre acides	ICP-AES
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
Au-GRA21	Au 30 g fini FA-GRAV	WST-SIM
ME-ICP61	33 éléments, quatre acides ICP-AES	ICP-AES
Ag-OG62	Teneur marchande Ag - quatre acides	ICP-AES
ME-OG62	Teneur marchande éléments - quatre acides	ICP-AES

À: EXPLORATION MIDLAND INC  
 ATTN: JEAN-FRANÇOIS LARIVIÈRE  
 132 BOULEVARD LABELLE  
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

\*\*\*\*\* Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat \*\*\*\*\*

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICAT D'ANALYSE VO17185398**

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-GRA21	ME-ICP61	Ag-OG62	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Poids reçu kg 0.02	Au ppm 0.05	Ag ppm 0.5	Ag ppm 1	Al % 0.01	As ppm 5	Ba ppm 10	Be ppm 0.5	Bi ppm 2	Ca % 0.01	Cd ppm 0.5	Co ppm 1	Cr ppm 1	Cu ppm 1	Fe % 0.01
W178343		0.49		<0.5		8.05	<5	590	0.9	<2	2.38	<0.5	10	30	3	2.57
W178344		0.40		<0.5		4.03	<5	20	<0.5	<2	7.82	1.1	660	1195	1880	18.55
W178345		1.02		<0.5		4.03	7	20	<0.5	<2	8.78	1.2	651	1125	1690	18.85
W178346		1.58		<0.5		5.85	7	180	0.5	3	5.51	1.3	671	1635	1140	19.75
W178347		0.90		<0.5		4.99	<5	20	0.7	<2	10.45	1.1	89	1635	63	14.90
W178348		0.67		<0.5		0.77	<5	20	<0.5	<2	0.80	<0.5	17	208	7	3.90
W178349		1.00		<0.5		5.86	<5	90	1.0	<2	4.39	0.8	124	2120	85	18.80
W178350		0.58		<0.5		0.49	<5	10	<0.5	<2	0.33	<0.5	6	63	6	1.75
W178351		0.68		<0.5		4.78	<5	130	0.5	<2	7.40	0.5	91	1470	176	9.08
W178352		0.66		<0.5		5.58	<5	30	0.6	6	7.20	0.9	152	1720	176	16.45
W178353		1.48		<0.5		3.17	17	270	<0.5	<2	11.00	1.0	206	1010	298	15.00
W178354		1.25		<0.5		5.39	7	330	0.9	4	4.96	0.6	110	1805	297	9.00
W179238		0.43		<0.5		7.54	<5	20	<0.5	2	7.85	0.8	44	262	67	8.24
W179239		0.40		<0.5		8.11	<5	840	1.3	<2	4.17	<0.5	18	29	31	4.30
W179240		0.98		<0.5		0.14	<5	1360	<0.5	<2	35.9	<0.5	<1	5	1	0.16
W179241		0.65		<0.5		7.75	<5	20	<0.5	2	7.01	0.7	53	144	59	10.95
W179242		0.86		<0.5		7.99	<5	310	0.9	3	3.63	<0.5	7	124	113	4.95
W179243		0.58		<0.5		7.61	<5	160	0.7	<2	2.93	1.5	22	29	104	3.78
W179244		0.43		<0.5		7.92	<5	760	1.4	2	3.96	<0.5	17	21	35	4.26
W179245		0.77		<0.5		7.46	<5	30	<0.5	5	8.94	<0.5	44	171	79	8.52
W179246		0.47		<0.5		8.50	<5	290	1.3	3	3.84	<0.5	19	51	73	4.72
W179247		0.48		<0.5		5.18	<5	50	<0.5	<2	7.16	<0.5	22	98	87	5.47
W179248		0.87		<0.5		7.82	<5	70	<0.5	5	7.95	0.5	50	218	44	9.74
W179249		0.76		<0.5		6.46	<5	40	0.5	5	6.70	0.5	52	94	92	12.05
W179250		0.58		<0.5		8.08	<5	30	<0.5	<2	9.50	<0.5	52	225	52	8.55
W179251		1.04		<0.5		0.27	<5	10	<0.5	<2	0.96	<0.5	2	19	14	0.58
W179252		1.21		<0.5		7.13	<5	50	<0.5	3	7.30	<0.5	52	62	18	9.36
W179253		0.86		<0.5		0.10	<5	<10	<0.5	<2	0.07	<0.5	1	23	1	0.91
W179254		0.99		<0.5		7.40	<5	10	<0.5	<2	7.53	<0.5	54	79	102	9.67
W179255		1.93		<0.5		6.55	<5	40	<0.5	<2	6.57	0.8	45	73	401	17.80
W179256		0.84		<0.5		7.70	<5	50	<0.5	<2	8.97	<0.5	55	78	44	9.26
W179257		1.47		<0.5		7.67	<5	60	<0.5	<2	8.20	<0.5	40	75	302	13.60
W179258		1.03		<0.5		7.71	<5	60	<0.5	<2	8.24	0.5	58	83	70	9.79
W179259		0.82		<0.5		7.18	<5	140	<0.5	4	6.52	<0.5	69	67	841	12.50
W179260		0.11		0.8		7.04	31	610	0.8	4	2.46	0.8	18	64	147	5.32
W179261		1.07		<0.5		6.91	<5	60	<0.5	2	6.31	<0.5	49	61	85	9.73
W179262		0.68		<0.5		6.94	<5	90	<0.5	<2	7.14	<0.5	48	67	12	10.35
W179263		0.99		<0.5		5.69	<5	30	<0.5	4	7.52	<0.5	50	91	194	10.90
W179264		0.74		<0.5		4.20	<5	100	0.8	<2	5.38	<0.5	30	22	15	6.13
W179265		1.04		<0.5		5.24	<5	10	<0.5	3	6.57	0.7	49	54	684	14.10



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		Ga ppm 10	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	Ni % 0.001	P ppm 10	Pb ppm 2	Pb % 0.001	S % 0.01	Sb ppm 5	Sc ppm 1
W178343		20	1.26	10	0.77	308	1	3.19	15		420	7		<0.01	<5	5
W178344		10	0.11	10	4.17	4010	2	0.36	8680		380	<2		2.97	<5	29
W178345		10	0.10	10	3.99	4100	1	0.34	8290		400	<2		2.84	<5	28
W178346		20	0.23	10	3.70	3050	2	0.46	>10000	1.130	550	3		3.35	<5	39
W178347		10	0.14	10	3.64	4440	1	0.45	1130		360	<2		0.08	<5	34
W178348		<10	0.02	<10	0.88	1320	1	0.05	131		40	2		0.01	<5	12
W178349		20	0.19	10	5.19	5380	<1	0.29	1140		180	4		0.03	<5	26
W178350		<10	0.03	<10	0.24	386	1	0.05	53		20	<2		<0.01	<5	5
W178351		10	0.26	10	4.44	2720	1	0.39	1030		380	<2		0.01	<5	34
W178352		20	0.15	10	4.16	3590	<1	0.42	1130		490	2		0.27	<5	38
W178353		10	0.35	10	4.08	4010	2	0.23	7820		320	2		1.79	<5	23
W178354		20	0.85	10	2.55	1280	1	0.89	993		540	<2		0.14	<5	38
W179238		20	0.08	<10	4.85	1375	<1	1.57	172		180	<2		0.10	<5	40
W179239		20	1.82	20	1.74	747	1	3.28	21		1170	9		<0.01	<5	12
W179240		<10	0.03	10	0.86	1025	<1	0.01	<1		170	102		0.13	<5	<1
W179241		20	0.10	<10	4.83	1600	1	1.80	103		250	<2		0.01	<5	40
W179242		20	0.73	10	1.13	534	1	2.57	19		660	11		1.15	<5	13
W179243		20	0.71	10	0.92	416	1	3.20	37		610	15		1.41	<5	11
W179244		20	2.02	20	1.65	711	1	3.37	12		1220	11		0.01	<5	10
W179245		20	0.15	10	4.32	1385	<1	0.80	119		210	4		0.03	10	37
W179246		30	0.95	30	1.89	825	1	3.29	35		1070	9		0.05	9	10
W179247		10	0.42	10	2.49	1435	<1	0.91	83		120	8		0.09	8	17
W179248		20	0.64	10	4.05	2140	<1	1.54	129		210	<2		0.01	11	40
W179249		20	0.30	10	3.14	1775	<1	1.45	55		750	2		0.04	16	53
W179250		20	0.10	<10	2.83	2110	1	1.08	144		260	2		0.07	<5	43
W179251		<10	0.01	<10	0.05	188	<1	0.11	5		20	<2		0.01	<5	1
W179252		20	0.20	10	3.80	1845	<1	1.75	61		280	<2		0.01	15	44
W179253		<10	<0.01	<10	0.03	110	<1	0.03	4		10	<2		<0.01	<5	<1
W179254		20	0.13	10	4.37	1660	<1	1.31	73		300	<2		0.05	9	44
W179255		20	0.19	<10	3.89	4930	3	0.60	66		240	<2		1.45	15	40
W179256		20	0.16	10	2.92	1910	2	0.89	81		320	3		0.05	13	45
W179257		20	0.37	10	3.60	2810	<1	0.92	46		200	<2		0.26	12	42
W179258		20	0.16	10	3.08	1885	<1	1.36	83		320	<2		0.01	12	46
W179259		20	0.29	10	3.59	2490	<1	1.27	59		340	2		1.47	9	45
W179260		20	1.14	10	1.54	889	8	2.25	42		750	46		0.15	11	17
W179261		20	0.21	10	3.70	1570	1	1.47	47		340	<2		0.02	<5	42
W179262		20	0.29	10	2.91	2360	<1	1.26	53		370	4		0.01	12	44
W179263		20	0.13	<10	2.30	2970	<1	0.63	55		180	3		0.18	12	36
W179264		10	0.50	<10	1.72	1465	1	0.62	18		320	<2		0.02	7	26
W179265		20	0.12	<10	3.66	2810	<1	0.71	29		210	<2		0.85	7	37



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**CERTIFICAT D'ANALYSE VO17185398**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Zn-OG62	Au-ICP21
		Sr ppm 1	Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Zn % 0.001	Au ppm 0.001
W178343		408	<20	0.23	<10	<10	55	<10	57		<0.001
W178344		34	<20	0.74	<10	<10	229	<10	111		0.006
W178345		41	<20	0.73	<10	<10	223	<10	106		0.005
W178346		14	<20	1.05	<10	<10	313	<10	120		0.015
W178347		46	<20	0.91	<10	<10	269	<10	118		<0.001
W178348		6	<20	0.10	<10	<10	48	<10	25		<0.001
W178349		27	<20	1.23	<10	<10	348	<10	150		<0.001
W178350		5	<20	0.02	<10	<10	26	<10	9		<0.001
W178351		80	<20	0.95	<10	<10	267	<10	87		<0.001
W178352		24	<20	1.02	10	<10	290	<10	131		<0.001
W178353		210	<20	0.62	<10	<10	185	<10	109		0.002
W178354		275	<20	1.07	<10	<10	288	<10	113		0.011
W179238		129	<20	0.51	<10	<10	257	<10	86		<0.001
W179239		924	<20	0.33	<10	<10	122	<10	78		<0.001
W179240		173	<20	0.02	<10	<10	2	<10	3		<0.001
W179241		111	<20	0.73	10	<10	321	<10	139		<0.001
W179242		301	<20	0.37	<10	<10	93	10	89		<0.001
W179243		223	<20	0.33	<10	<10	76	<10	486		<0.001
W179244		887	<20	0.33	<10	<10	118	<10	74		<0.001
W179245		109	<20	0.48	<10	<10	252	<10	82		<0.001
W179246		464	<20	0.48	<10	<10	116	<10	90		<0.001
W179247		117	<20	0.21	<10	<10	121	<10	68		<0.001
W179248		115	<20	0.53	<10	<10	260	<10	88		<0.001
W179249		101	<20	1.45	<10	<10	564	<10	137		<0.001
W179250		133	<20	0.56	<10	<10	281	<10	91		<0.001
W179251		6	<20	0.02	<10	<10	9	<10	<2		<0.001
W179252		157	<20	0.69	<10	<10	335	<10	114		<0.001
W179253		3	<20	0.01	<10	<10	3	<10	<2		<0.001
W179254		131	<20	0.59	<10	<10	293	<10	97		0.012
W179255		7	<20	0.53	<10	10	258	<10	144		0.081
W179256		121	<20	0.62	<10	<10	295	<10	98		<0.001
W179257		74	<20	0.56	<10	<10	300	<10	121		<0.001
W179258		119	<20	0.63	10	<10	299	<10	106		0.001
W179259		110	<20	0.70	<10	<10	288	<10	117		0.002
W179260		274	<20	0.38	<10	<10	144	40	295		3.97
W179261		104	<20	0.65	10	<10	308	<10	99		<0.001
W179262		101	<20	0.67	<10	<10	304	<10	99		0.004
W179263		73	<20	0.47	<10	<10	259	<10	90		<0.001
W179264		55	<20	0.41	<10	<10	191	10	72		<0.001
W179265		26	<20	0.50	<10	<10	238	<10	97		<0.001



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**CERTIFICAT D'ANALYSE VO17185398**

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-GR21	ME-ICP61	Ag-OG62	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Poids reçu kg 0.02	Au ppm 0.05	Ag ppm 0.5	Ag ppm 1	Al % 0.01	As ppm 5	Ba ppm 10	Be ppm 0.5	Bi ppm 2	Ca % 0.01	Cd ppm 0.5	Co ppm 1	Cr ppm 1	Cu ppm 1	Fe % 0.01
W179266		1.14		<0.5		6.19	<5	20	<0.5	5	6.25	0.5	50	21	129	17.15
W179267		0.74		<0.5		0.91	<5	20	<0.5	<2	1.03	<0.5	6	23	25	2.23
W179268		1.10		<0.5		6.99	<5	10	0.8	<2	6.04	0.5	56	65	126	10.85
W179269		1.14		<0.5		7.75	<5	460	0.7	4	6.85	<0.5	52	85	44	10.35
W179270		1.10		<0.5		7.80	<5	400	0.7	3	6.39	<0.5	51	79	44	10.30
W179271		1.09		<0.5		6.65	<5	10	<0.5	<2	8.77	<0.5	38	111	418	16.45
W179272		1.81		<0.5		10.55	<5	20	<0.5	<2	9.18	<0.5	19	79	22	3.59
W179273		1.03		<0.5		7.33	<5	480	2.9	<2	0.56	<0.5	1	12	<1	0.52
W179274		0.69		<0.5		0.34	<5	<10	<0.5	72	0.02	<0.5	<1	23	1	0.89
W179275		0.66		<0.5		1.43	<5	10	1.8	5	0.19	<0.5	1	22	1	0.79
W179276		1.11		<0.5		0.03	<5	<10	<0.5	<2	0.01	<0.5	<1	32	<1	0.64
W179277		1.02		<0.5		8.28	<5	580	3.2	<2	2.17	<0.5	21	180	<1	4.35
W179278		1.00		<0.5		7.23	<5	70	1.0	4	0.29	<0.5	<1	9	1	0.47
W179279		0.92		0.8		6.67	<5	230	1.0	2	1.88	<0.5	2	16	18	1.17
W179280		1.03		<0.5		0.14	<5	640	<0.5	<2	34.2	<0.5	<1	2	1	0.13
W179281		1.14		<0.5		6.97	<5	1050	3.9	2	1.62	<0.5	13	109	30	2.77
W179282		0.95		<0.5		0.22	<5	50	<0.5	<2	0.56	<0.5	<1	26	10	0.80
W179283		0.99		<0.5		5.23	<5	500	0.9	<2	1.38	<0.5	12	109	19	2.55
W179284		0.94		<0.5		7.29	<5	640	1.2	<2	1.83	<0.5	20	152	39	4.09
W179285		0.88		<0.5		7.78	<5	700	1.3	<2	2.00	<0.5	16	174	28	4.17
W179286		1.36		<0.5		7.28	<5	930	1.2	<2	1.97	<0.5	18	179	33	4.07
W179287		0.79		<0.5		7.02	<5	60	1.0	3	0.48	<0.5	<1	9	3	0.70
W179288		0.64		<0.5		8.25	<5	130	1.7	2	1.00	<0.5	26	201	<1	5.24
W179289		0.85		<0.5		7.20	<5	730	1.6	<2	2.40	<0.5	15	67	30	3.83
W179290		1.21		<0.5		7.06	14	730	1.5	<2	2.49	<0.5	18	94	31	4.18
W179291		1.37		<0.5		7.15	<5	1050	1.2	<2	2.78	<0.5	16	64	10	4.15
W179292		1.05		<0.5		4.13	<5	260	0.8	<2	7.49	<0.5	92	1465	505	8.53
W179293		1.20		<0.5		7.36	<5	960	1.4	<2	2.93	<0.5	18	61	45	4.38
W179294		1.29		<0.5		6.86	<5	40	5.6	4	0.35	<0.5	<1	9	2	0.68
W179295		1.16		<0.5		7.37	9	920	1.6	<2	2.79	<0.5	16	65	20	3.87
W179296		0.52		<0.5		0.75	<5	120	<0.5	<2	0.74	<0.5	3	26	9	1.31
W179297		0.66		<0.5		0.46	<5	60	<0.5	<2	0.11	<0.5	1	29	3	0.83
W179298		0.68		<0.5		7.19	<5	990	1.5	<2	2.73	<0.5	16	59	18	3.97
W179299		1.24		<0.5		0.16	<5	10	<0.5	<2	0.09	<0.5	<1	23	7	0.60
W179300		0.11		0.7		6.63	32	590	0.8	<2	2.34	0.7	19	63	143	5.06
W179301		0.23		0.8		2.84	5	370	<0.5	<2	0.10	<0.5	3	21	14	1.52
W179302		0.70		<0.5		0.48	<5	40	<0.5	<2	0.01	<0.5	<1	25	3	0.92
W179303		0.47		<0.5		7.47	<5	220	0.6	4	3.04	<0.5	16	26	5	4.50
W179304		0.37		<0.5		0.22	<5	<10	<0.5	<2	0.13	<0.5	1	19	3	1.05
W179305		0.88		<0.5		6.79	<5	260	0.6	<2	2.74	<0.5	24	8	15	9.80



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**CERTIFICAT D'ANALYSE VO17185398**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ni-OG62	ME-ICP61	ME-ICP61	Pb-OG62	ME-ICP61	ME-ICP61	ME-ICP61
		Ga ppm 10	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	Ni % 0.001	P ppm 10	Pb ppm 2	Pb % 0.001	S % 0.01	Sb ppm 5	Sc ppm 1
W179266		20	0.15	10	3.31	3760	1	0.80	35		470	<2		0.99	16	42
W179267		<10	0.07	<10	0.31	355	1	0.11	5		340	<2		0.02	<5	4
W179268		20	0.13	10	4.48	2050	1	1.96	60		340	<2		0.04	7	47
W179269		20	0.66	20	3.70	1620	1	1.87	70		1040	<2		0.14	6	35
W179270		20	0.58	20	3.65	1600	<1	2.70	66		1090	<2		0.16	9	35
W179271		20	0.15	<10	3.86	5870	1	0.53	42		290	<2		1.46	13	42
W179272		20	0.22	<10	1.81	693	<1	1.67	65		70	<2		0.01	11	12
W179273		20	5.06	<10	0.06	106	<1	2.68	3		100	43		<0.01	<5	1
W179274		<10	0.31	<10	0.01	125	<1	0.07	2		10	<2		<0.01	<5	1
W179275		<10	0.10	<10	0.01	102	1	0.87	3		20	2		<0.01	<5	<1
W179276		<10	0.01	<10	<0.01	74	<1	0.02	2		10	<2		<0.01	<5	<1
W179277		20	2.20	10	1.97	648	<1	2.71	78		480	10		<0.01	11	14
W179278		20	4.97	<10	0.03	75	<1	2.58	<1		90	58		<0.01	5	1
W179279		20	0.58	<10	0.27	94	<1	3.18	4		410	40		0.02	9	1
W179280		<10	0.04	10	0.86	1100	<1	0.01	3		150	10		0.08	<5	1
W179281		20	1.79	10	1.09	429	2	3.03	46		410	24		0.13	<5	9
W179282		<10	0.19	<10	0.02	110	<1	0.04	5		10	<2		0.02	<5	<1
W179283		10	1.31	10	0.97	381	2	2.04	47		1040	9		0.08	<5	7
W179284		20	2.02	20	1.72	624	1	2.55	72		610	12		0.16	5	13
W179285		20	1.84	20	1.90	673	1	2.51	62		700	10		0.01	<5	15
W179286		20	2.24	20	2.07	691	1	1.87	72		670	13		0.05	<5	14
W179287		20	3.20	10	0.07	90	<1	3.41	2		70	56		<0.01	<5	3
W179288		30	1.51	20	2.19	751	<1	3.66	112		440	23		<0.01	<5	17
W179289		20	2.08	30	1.44	508	<1	3.06	23		980	23		<0.01	<5	11
W179290		20	2.04	20	1.74	585	1	3.15	32		760	19		0.11	<5	12
W179291		20	2.12	20	1.60	605	1	2.94	22		950	13		<0.01	<5	12
W179292		10	1.22	<10	9.20	1980	<1	0.70	974		400	6		<0.01	<5	24
W179293		20	2.65	20	1.51	775	1	2.81	22		1010	15		0.01	<5	13
W179294		30	3.68	10	0.03	991	<1	3.48	3		30	38		<0.01	<5	5
W179295		20	2.46	20	1.53	609	1	3.01	26		940	18		0.07	<5	12
W179296		<10	0.28	<10	0.20	216	<1	0.26	6		60	4		0.04	<5	1
W179297		<10	0.13	<10	0.07	100	<1	0.18	2		40	2		<0.01	<5	1
W179298		20	2.50	20	1.56	582	1	2.89	21		960	17		0.10	5	11
W179299		<10	0.03	<10	0.04	82	<1	0.07	3		60	<2		<0.01	<5	<1
W179300		10	1.07	10	1.46	875	8	2.13	41		740	48		0.14	8	16
W179301		10	2.26	<10	0.07	232	1	0.32	4		130	22		0.07	<5	3
W179302		<10	0.31	<10	0.02	95	<1	0.02	2		20	2		0.01	<5	1
W179303		20	1.22	20	1.73	910	<1	0.91	29		500	3		0.01	<5	13
W179304		<10	0.03	<10	0.05	159	<1	0.03	3		100	14		<0.01	<5	1
W179305		20	1.01	20	1.10	2340	2	1.61	29		790	5		0.01	<5	12



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Projet: ELC

**CERTIFICAT D'ANALYSE VO17185398**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Zn-OG62	Au-ICP21
		Sr ppm 1	Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Zn % 0.001	Au ppm 0.001
W179266		22	<20	0.71	<10	<10	323	<10	125		0.001
W179267		16	<20	0.23	<10	<10	39	<10	11		<0.001
W179268		49	<20	0.63	10	<10	323	<10	114		<0.001
W179269		307	<20	1.03	<10	<10	299	<10	121		<0.001
W179270		264	<20	1.09	<10	<10	308	<10	124		<0.001
W179271		53	<20	0.54	<10	<10	283	<10	88		0.046
W179272		126	<20	0.18	<10	<10	95	<10	35		<0.001
W179273		179	<20	0.01	<10	<10	3	<10	6		<0.001
W179274		3	<20	<0.01	<10	<10	2	<10	<2		0.260
W179275		31	<20	<0.01	<10	<10	2	<10	<2		0.001
W179276		1	<20	<0.01	<10	<10	1	<10	<2		<0.001
W179277		556	<20	0.32	<10	<10	103	<10	91		<0.001
W179278		52	<20	0.01	<10	<10	1	<10	2		<0.001
W179279		713	<20	0.04	<10	<10	9	<10	8		<0.001
W179280		156	<20	0.01	<10	<10	1	<10	2		<0.001
W179281		447	<20	0.19	10	<10	61	<10	46		<0.001
W179282		14	<20	<0.01	<10	<10	3	<10	<2		<0.001
W179283		338	<20	0.17	<10	<10	54	<10	42		<0.001
W179284		470	<20	0.31	<10	<10	96	<10	64		<0.001
W179285		601	<20	0.32	10	<10	107	<10	62		<0.001
W179286		541	<20	0.29	<10	<10	98	<10	118		<0.001
W179287		42	<20	0.02	<10	10	2	<10	7		<0.001
W179288		129	<20	0.36	<10	<10	130	<10	100		<0.001
W179289		630	<20	0.30	<10	<10	89	<10	63		<0.001
W179290		608	<20	0.32	<10	<10	103	<10	70		0.001
W179291		677	<20	0.32	<10	<10	97	<10	76		<0.001
W179292		134	<20	0.29	<10	<10	161	<10	126		0.025
W179293		667	<20	0.32	<10	<10	108	<10	74		0.001
W179294		33	20	0.02	<10	10	3	<10	11		0.001
W179295		500	<20	0.31	<10	<10	95	<10	65		<0.001
W179296		72	<20	0.03	<10	<10	12	<10	8		1.090
W179297		45	<20	0.02	<10	<10	6	<10	3		0.004
W179298		638	<20	0.31	<10	<10	94	<10	71		<0.001
W179299		16	<20	0.01	<10	<10	4	<10	<2		<0.001
W179300		275	<20	0.36	<10	<10	142	40	286		4.07
W179301		93	<20	0.08	<10	<10	27	<10	9		0.005
W179302		7	<20	0.02	<10	<10	9	<10	3		0.001
W179303		117	<20	0.34	<10	<10	98	<10	59		<0.001
W179304		2	<20	0.01	<10	<10	6	<10	3		<0.001
W179305		154	<20	0.37	<10	<10	53	<10	158		0.006



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**CERTIFICAT D'ANALYSE VO17185398**

Description échantillon	Méthode	WEI-21	Au-GR21	ME-ICP61	Ag-OG62	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	élément unités L.D.	Poids reçu kg 0.02	Au ppm 0.05	Ag ppm 0.5	Ag ppm 1	Al % 0.01	As ppm 5	Ba ppm 10	Be ppm 0.5	Bi ppm 2	Ca % 0.01	Cd ppm 0.5	Co ppm 1	Cr ppm 1	Cu ppm 1	Fe % 0.01
W179306		0.97	<0.5	<0.5	5.81	<5	430	0.8	<2	0.61	<0.5	1	6	3	1.19	
W179307		0.57	<0.5	<0.5	0.72	<5	30	<0.5	<2	0.09	<0.5	<1	24	1	0.89	
W179308		0.89	<0.5	<0.5	6.95	<5	720	0.8	<2	3.48	<0.5	18	40	23	4.54	
W179309		0.57	<0.5	<0.5	5.16	<5	330	0.7	<2	0.52	<0.5	2	7	3	1.04	
W179310		1.03	<0.5	<0.5	6.86	<5	280	1.1	<2	3.38	<0.5	21	19	9	4.82	
W179311		1.39	<0.5	<0.5	1.39	<5	80	<0.5	<2	0.53	<0.5	3	33	10	1.52	
W179312		0.77	<0.5	<0.5	7.76	14	50	<0.5	<2	7.77	<0.5	58	212	215	7.76	
W179313		0.29	<0.5	<0.5	6.58	<5	680	1.9	<2	1.65	<0.5	8	39	4	2.50	
W179314		0.37	<0.5	<0.5	6.27	<5	60	2.9	<2	0.46	<0.5	1	11	5	0.56	
W179315		0.68	<0.5	<0.5	6.07	<5	120	<0.5	<2	0.01	<0.5	1	6	<1	0.58	
W179316		0.97	<0.5	<0.5	2.65	24	80	<0.5	<2	3.24	<0.5	18	33	88	5.57	
W179317		0.52	<0.5	<0.5	7.37	15	970	1.3	<2	3.38	<0.5	14	64	103	3.86	
W179318		0.73	<0.5	<0.5	7.59	186	580	1.9	<2	5.82	<0.5	26	225	7	5.87	
W179319		0.90	<0.5	<0.5	6.57	<5	390	0.7	<2	5.28	<0.5	47	39	34	9.89	
W179320		1.00	<0.5	<0.5	0.10	<5	330	<0.5	<2	35.7	<0.5	1	2	1	0.13	
W179321		0.68	<0.5	<0.5	7.30	<5	510	1.1	<2	2.24	<0.5	12	7	45	4.87	
W179322		0.29	<0.5	<0.5	0.18	<5	10	<0.5	<2	0.21	<0.5	1	25	1	0.84	
W179323		0.42	<0.5	<0.5	0.09	<5	10	<0.5	<2	0.02	<0.5	3	28	8	0.88	
W179324		0.44	0.5	<0.5	0.21	<5	10	<0.5	<2	0.05	<0.5	5	20	37	0.73	
W179325		0.15	1.9	<0.5	0.72	<5	50	<0.5	2	0.07	<0.5	6	17	74	2.99	
W179326		0.72	<0.5	<0.5	0.09	<5	20	<0.5	<2	0.01	<0.5	<1	27	9	1.10	
W179327		0.81	0.6	<0.5	0.52	<5	40	<0.5	<2	0.21	<0.5	1	24	25	1.62	
W179328		0.72	0.7	<0.5	9.61	<5	490	1.0	3	4.06	<0.5	19	35	249	7.76	
W179329		0.94	0.6	<0.5	6.22	<5	320	1.1	3	0.32	<0.5	6	8	18	2.06	
W179330		0.57	<0.5	<0.5	6.78	<5	310	1.1	2	1.51	<0.5	6	8	16	4.77	
W179331		1.00	<0.5	<0.5	7.67	<5	390	1.2	<2	1.80	<0.5	10	7	40	3.94	
W179332		0.56	<0.5	<0.5	0.15	<5	10	<0.5	<2	0.02	<0.5	<1	23	1	0.76	
W179333		0.85	0.7	<0.5	7.43	<5	480	0.5	3	0.28	<0.5	14	18	66	6.47	
W179334		1.46	<0.5	<0.5	0.07	<5	<10	<0.5	2	0.01	<0.5	5	23	108	0.98	
W179335		1.08	<0.5	<0.5	1.15	<5	40	<0.5	<2	0.87	<0.5	2	25	1	1.08	
W179336		0.97	<0.5	<0.5	7.87	<5	390	0.8	4	3.72	<0.5	19	36	94	6.11	
W179337		0.95	<0.5	<0.5	8.33	<5	390	0.8	<2	2.86	<0.5	17	65	37	4.17	
W179338		1.44	<0.5	<0.5	0.28	<5	20	<0.5	<2	0.07	<0.5	1	21	1	0.61	
W179339		0.95	<0.5	<0.5	2.24	<5	240	<0.5	<2	0.33	<0.5	5	30	18	2.21	
W179340		Not Recvd														
W179341		1.70	>100	105	1.25	<5	10	<0.5	78	3.82	296	12	9	1090	9.20	
W179342		0.84	<0.5	<0.5	1.02	<5	90	<0.5	<2	0.44	0.6	4	42	4	1.44	
W179343		0.75	<0.5	<0.5	7.66	<5	640	1.1	<2	0.99	<0.5	6	13	14	1.33	
W179351		0.81	<0.5	<0.5	8.29	<5	120	<0.5	<2	8.23	<0.5	45	272	83	8.62	
W179352		0.75	<0.5	<0.5	6.73	<5	60	<0.5	<2	8.56	<0.5	38	221	204	14.85	



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**CERTIFICAT D'ANALYSE VO17185398**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ni-OG62	ME-ICP61	ME-ICP61	Pb-OG62	ME-ICP61	ME-ICP61	ME-ICP61
		Ga ppm 10	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	Ni % 0.001	P ppm 10	Pb ppm 2	Pb % 0.001	S % 0.01	Sb ppm 5	Sc ppm 1
W179306		20	2.52	20	0.42	172	1	1.08	<1		60	7		0.05	<5	4
W179307		<10	0.23	<10	0.08	122	<1	0.23	1		10	<2		<0.01	<5	<1
W179308		20	2.20	10	1.35	771	1	1.08	36		680	3		0.01	<5	14
W179309		10	2.03	20	0.14	125	2	1.90	2		40	11		0.01	<5	4
W179310		20	2.32	20	2.43	1320	<1	0.51	21		680	10		0.04	<5	13
W179311		<10	0.40	10	0.33	197	<1	0.24	6		350	2		0.03	<5	2
W179312		20	0.23	<10	2.21	1395	<1	1.34	133		220	<2		1.49	<5	46
W179313		20	3.16	20	0.83	390	1	2.78	11		590	23		<0.01	<5	7
W179314		20	4.41	10	0.03	57	1	2.42	1		60	26		<0.01	<5	1
W179315		20	2.12	30	0.02	48	1	0.33	2		70	13		<0.01	<5	3
W179316		10	0.26	<10	1.45	1505	1	0.19	61		150	3		1.42	<5	8
W179317		20	2.20	20	1.42	665	1	2.94	19		980	4		0.01	13	12
W179318		20	1.26	30	2.68	1175	<1	3.07	43		1530	4		0.03	7	23
W179319		20	1.55	20	2.63	1515	1	1.80	22		810	7		0.15	13	35
W179320		<10	0.02	10	0.57	868	<1	0.01	<1		160	7		0.07	<5	1
W179321		20	2.59	10	1.08	793	3	0.70	9		490	36		0.26	10	10
W179322		<10	0.08	<10	0.05	105	<1	0.01	2		40	<2		<0.01	<5	<1
W179323		<10	0.04	<10	0.02	76	<1	0.01	3		10	<2		0.04	<5	<1
W179324		<10	0.09	<10	0.04	51	<1	0.01	4		110	<2		0.10	<5	<1
W179325		<10	0.33	<10	0.12	151	<1	0.03	8		50	58		0.23	<5	1
W179326		<10	0.04	<10	<0.01	78	<1	0.01	2		10	<2		0.01	<5	<1
W179327		<10	0.20	<10	0.08	122	<1	0.04	4		90	3		0.26	<5	1
W179328		30	3.42	20	1.78	1155	5	1.12	22		810	41		1.06	10	19
W179329		10	3.07	30	0.31	168	1	0.45	6		370	7		0.52	<5	6
W179330		20	2.77	20	0.91	808	9	1.00	2		290	30		0.22	7	7
W179331		20	3.34	30	0.98	626	<1	0.87	4		460	19		0.21	5	10
W179332		<10	0.07	<10	0.01	83	<1	0.01	2		20	<2		<0.01	<5	<1
W179333		20	4.11	10	1.06	824	<1	0.10	13		620	20		0.21	6	13
W179334		<10	0.01	<10	0.01	55	<1	0.02	10		10	<2		0.34	<5	<1
W179335		<10	0.24	<10	0.25	211	<1	0.16	5		1080	2		<0.01	<5	1
W179336		20	2.62	20	1.47	856	3	0.42	40		830	12		0.70	10	16
W179337		20	1.70	10	1.15	805	1	2.77	31		550	32		0.12	8	13
W179338		<10	0.09	<10	0.06	76	<1	0.05	4		50	<2		0.01	<5	1
W179339		10	1.00	<10	0.23	194	<1	0.11	8		210	5		0.14	<5	5
W179340																
W179341		10	0.17	10	2.19	1745	2	0.06	10		130	>10000	3.32	8.58	58	1
W179342		<10	0.45	10	0.40	314	<1	0.02	14		260	86		0.02	<5	3
W179343		20	3.35	20	0.58	351	3	0.51	5		420	86		0.05	6	9
W179351		20	0.45	<10	3.02	2130	2	1.83	99		220	11		0.11	17	46
W179352		20	0.37	<10	2.66	7400	<1	0.65	74		190	6		0.53	12	37



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Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Zn-OG62	Au-ICP21
		Sr ppm 1	Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	ME-ICP61 ppm 2	Zn % 0.001	Au ppm 0.001
W179306		56	<20	0.10	<10	<10	5	<10	20		0.002
W179307		10	<20	0.01	<10	<10	2	<10	5		<0.001
W179308		179	<20	0.43	<10	<10	124	<10	72		0.011
W179309		115	<20	0.05	<10	<10	3	<10	10		<0.001
W179310		99	<20	0.36	<10	<10	112	<10	89		0.006
W179311		34	<20	0.07	<10	<10	19	<10	20		<0.001
W179312		157	<20	0.51	10	<10	289	<10	46		0.072
W179313		498	<20	0.19	<10	<10	52	<10	38		<0.001
W179314		108	30	0.05	<10	10	5	<10	5		<0.001
W179315		69	<20	0.10	<10	<10	2	<10	<2		<0.001
W179316		23	<20	0.11	<10	<10	38	<10	61		0.055
W179317		939	<20	0.33	<10	<10	94	<10	71		0.059
W179318		570	<20	0.40	<10	<10	154	<10	55		0.026
W179319		293	<20	1.01	<10	<10	301	<10	128		<0.001
W179320		187	<20	0.01	<10	<10	1	<10	3		<0.001
W179321		107	<20	0.37	<10	<10	43	<10	123		0.010
W179322		3	<20	0.02	<10	<10	5	<10	5		<0.001
W179323		1	<20	0.01	<10	<10	3	<10	2		0.013
W179324		2	<20	0.02	<10	<10	4	<10	4		0.001
W179325		6	<20	0.06	<10	<10	17	<10	13		0.007
W179326		1	<20	<0.01	<10	<10	3	<10	<2		0.004
W179327		5	<20	0.03	<10	<10	9	<10	9		0.031
W179328		151	<20	0.54	<10	<10	151	<10	259		0.057
W179329		47	<20	0.23	<10	<10	17	<10	74		0.040
W179330		83	<20	0.25	<10	<10	10	<10	146		0.013
W179331		137	<20	0.40	<10	<10	64	<10	103		0.004
W179332		1	<20	0.01	<10	<10	2	<10	2		<0.001
W179333		18	<20	0.38	<10	<10	94	<10	165		0.027
W179334		1	<20	<0.01	<10	<10	1	<10	<2		0.010
W179335		14	<20	0.07	<10	<10	10	<10	32		<0.001
W179336		116	<20	0.43	<10	<10	112	<10	143		0.019
W179337		154	<20	0.37	<10	<10	108	10	104		0.003
W179338		4	<20	0.02	<10	<10	6	<10	8		<0.001
W179339		11	<20	0.12	<10	<10	38	<10	18		0.031
W179340											
W179341		60	<20	0.04	<10	<10	10	<10	>10000	5.53	2.35
W179342		13	<20	0.09	<10	<10	10	<10	214		<0.001
W179343		56	<20	0.27	<10	<10	38	<10	95		0.002
W179351		122	<20	0.60	<10	<10	295	<10	109		<0.001
W179352		41	<20	0.47	<10	<10	241	<10	110		0.001



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**CERTIFICAT D'ANALYSE VO17185398**

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-GR21	ME-ICP61	Ag-OG62	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Poids reçu kg 0.02	Au ppm 0.05	Ag ppm 0.5	Ag ppm 1	Al % 0.01	As ppm 5	Ba ppm 10	Be ppm 0.5	Bi ppm 2	Ca % 0.01	Cd ppm 0.5	Co ppm 1	Cr ppm 1	Cu ppm 1	Fe % 0.01
W179353		1.97		<0.5		9.21	>10000	520	1.1	<2	1.36	<0.5	25	131	55	4.50
W179354		0.94		<0.5		7.07	24	720	1.3	<2	1.92	<0.5	17	170	38	3.86
W179355		0.97		<0.5		7.36	9	620	1.5	5	1.71	<0.5	21	176	51	4.33
W179356		0.81		<0.5		5.83	<5	600	1.1	2	4.43	<0.5	43	698	<1	5.28
W179357		0.71		<0.5		2.32	364	<10	<0.5	2	2.11	<0.5	94	1410	9	6.24
W179358		0.57		<0.5		7.25	97	850	1.5	<2	3.73	<0.5	21	126	36	6.46
W179359		0.30		<0.5		8.00	176	1150	1.5	4	1.41	<0.5	20	107	34	4.84
W179360		0.94		<0.5		0.11	<5	790	<0.5	<2	35.9	<0.5	2	3	1	0.12
W179361		0.38		<0.5		8.47	8	1150	1.5	<2	1.20	<0.5	16	142	70	5.35
W179362		0.72		<0.5		7.35	59	560	1.0	<2	1.63	<0.5	10	126	30	3.67
W179363		1.38		<0.5		8.08	534	1110	1.2	3	2.75	<0.5	14	201	36	8.52
W179364		1.24		<0.5		5.51	13	40	0.5	<2	5.28	0.7	73	3	873	13.25
W179365		1.17		<0.5		6.30	13	50	<0.5	3	6.66	0.7	73	2	511	13.35
W179366		0.73		<0.5		7.47	7	180	<0.5	<2	7.39	0.6	60	216	580	8.63
W179367		0.98		<0.5		0.46	6	10	<0.5	<2	0.38	<0.5	2	35	16	0.84
W179368		0.91		<0.5		8.69	16	430	<0.5	<2	5.02	0.5	40	337	201	7.14
W179369		1.17		<0.5		8.65	15	360	<0.5	<2	6.39	0.7	41	293	121	7.64
W179370		0.83		<0.5		0.55	6	50	<0.5	<2	0.39	<0.5	4	37	21	1.01
W179371		1.16		<0.5		2.74	858	70	0.5	<2	1.52	0.6	19	27	164	11.70
W179372		1.24		<0.5		3.61	937	140	0.5	<2	0.27	<0.5	25	20	163	10.25
W179373		0.64		<0.5		7.07	6	690	1.1	<2	0.70	<0.5	2	13	4	1.79
W179374		0.90		0.5		2.55	<5	20	<0.5	<2	3.03	<0.5	19	75	544	3.87
W179375		0.75		1.4		5.20	<5	110	<0.5	16	5.79	0.9	105	152	1470	14.00
W179376		1.11		<0.5		7.30	<5	70	<0.5	<2	6.66	0.7	37	164	193	8.53
W179377		1.20		4.2		7.62	42	70	<0.5	<2	6.36	<0.5	51	202	2700	9.54
W179378		0.90		<0.5		8.42	8	200	<0.5	<2	7.19	0.5	91	226	503	10.25
W179379		0.84		<0.5		6.95	13	30	<0.5	2	7.25	0.5	60	192	102	8.95
W179380		0.11		0.8		6.85	33	590	0.8	<2	2.39	0.8	16	63	151	5.15
W179381		1.47		<0.5		1.39	8	50	<0.5	<2	1.61	<0.5	12	79	96	2.94
W179382		0.71		<0.5		8.18	<5	100	<0.5	3	7.20	0.7	44	209	85	8.75
W179383		0.82		0.6		10.15	17	20	<0.5	4	13.30	0.7	18	59	412	7.30
W179384		0.72		0.9		9.94	7	110	<0.5	<2	9.33	0.7	98	106	1240	10.55
W179385		1.02		<0.5		10.45	7	90	<0.5	<2	7.22	<0.5	22	92	130	4.28
W179386		0.77		<0.5		9.95	8	170	<0.5	5	7.90	<0.5	28	91	229	4.63
W179387		0.86		<0.5		10.35	5	230	<0.5	<2	5.43	<0.5	27	79	78	3.88
W179388		0.93		<0.5		7.30	<5	230	<0.5	2	5.42	<0.5	43	55	152	6.74
W179389		1.28		3.1		8.28	5	50	<0.5	<2	6.44	<0.5	24	62	7850	4.93
W179390		0.77		<0.5		8.25	17	170	<0.5	<2	8.73	0.5	24	180	83	6.89
W179391		1.22		<0.5		6.64	<5	470	1.3	<2	0.87	<0.5	3	7	26	3.56
W179392		0.72		<0.5		8.09	<5	320	0.8	2	2.84	<0.5	21	49	19	7.33



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**CERTIFICAT D'ANALYSE VO17185398**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ni-OG62	ME-ICP61	ME-ICP61	Pb-OG62	ME-ICP61	ME-ICP61	ME-ICP61
		Ga ppm 10	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	Ni % 0.001	P ppm 10	Pb ppm 2	Pb % 0.001	S % 0.01	Sb ppm 5	Sc ppm 1
W179353		20	1.37	10	2.03	327	2	1.82	89		740	19		0.90	16	14
W179354		20	2.00	10	1.84	501	1	2.55	56		650	13		0.12	7	12
W179355		20	1.52	20	1.96	637	<1	2.27	71		90	14		0.16	11	16
W179356		20	2.70	20	8.80	1015	<1	0.52	496		890	6		<0.01	<5	19
W179357		10	0.01	10	20.00	901	<1	0.02	1480		330	<2		0.07	7	11
W179358		20	2.15	20	1.40	1200	2	0.66	74		650	17		1.22	11	14
W179359		20	3.36	20	1.15	415	3	2.58	63		420	27		0.85	7	11
W179360		<10	0.02	10	0.79	940	<1	0.01	<1		140	2		0.07	<5	1
W179361		20	3.42	20	1.69	544	2	2.74	52		510	18		1.62	<5	16
W179362		20	2.46	10	1.47	504	1	2.43	48		750	11		0.11	<5	13
W179363		20	3.09	20	1.29	868	2	0.37	60		940	12		0.97	<5	14
W179364		20	0.37	<10	2.16	1525	1	1.58	2		660	<2		2.26	<5	42
W179365		20	0.45	<10	2.75	2030	1	1.64	<1		330	6		0.91	<5	65
W179366		20	0.67	<10	5.01	1625	4	1.38	170		240	<2		0.26	<5	33
W179367		<10	0.04	<10	0.15	161	1	0.12	8		10	2		0.01	<5	1
W179368		20	1.41	<10	3.21	1500	3	2.06	109		280	3		0.07	<5	32
W179369		20	1.53	<10	3.81	1915	1	1.14	118		230	3		0.19	<5	25
W179370		<10	0.10	<10	0.20	177	<1	0.12	8		20	<2		0.03	<5	1
W179371		10	0.61	10	0.89	2740	2	0.21	60		280	7		6.01	<5	10
W179372		10	0.50	10	0.83	486	2	1.27	85		520	5		4.83	<5	5
W179373		20	1.23	20	0.51	221	<1	3.90	3		530	2		0.05	<5	3
W179374		10	0.42	<10	1.32	566	1	0.17	20		70	2		0.23	<5	9
W179375		10	1.03	<10	3.85	1425	4	0.52	107		140	<2		1.37	<5	28
W179376		20	0.43	<10	4.09	1385	2	1.80	27		320	2		0.32	<5	45
W179377		20	0.56	<10	4.76	1985	<1	1.78	133		200	2		0.31	<5	27
W179378		20	0.94	<10	3.31	1995	1	1.51	199		190	<2		0.81	<5	35
W179379		10	0.26	<10	6.04	1595	1	1.34	190		200	<2		0.11	<5	33
W179380		20	1.08	10	1.50	848	7	2.21	40		730	47		0.14	<5	15
W179381		<10	0.13	<10	0.92	536	1	0.24	68		60	<2		0.03	<5	2
W179382		10	0.53	<10	4.85	1380	1	2.04	66		220	<2		0.07	<5	45
W179383		30	0.05	<10	0.10	651	<1	0.90	19		90	13		0.40	<5	7
W179384		20	0.61	<10	2.22	1040	1	1.41	43		540	3		0.92	<5	49
W179385		20	0.32	<10	1.17	541	<1	3.09	34		80	<2		0.09	<5	17
W179386		20	0.62	<10	1.28	600	<1	2.37	37		60	3		0.08	<5	14
W179387		20	1.72	<10	1.19	484	1	3.26	38		110	3		0.17	<5	13
W179388		20	0.87	10	2.94	1120	1	1.53	34		330	2		0.16	<5	36
W179389		10	0.55	<10	1.58	471	1	2.57	46		340	<2		1.25	<5	8
W179390		20	1.06	10	3.74	1785	1	1.78	59		280	<2		0.10	<5	42
W179391		10	2.00	10	0.52	183	2	1.56	<1		60	10		1.14	<5	5
W179392		20	1.17	<10	0.98	1635	<1	2.10	34		810	11		0.01	<5	18



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**CERTIFICAT D'ANALYSE VO17185398**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Zn-OG62	Au-ICP21
		Sr ppm 1	Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Zn % 0.001	Au ppm 0.001
W179353		578	<20	0.25	<10	<10	129	<10	67		0.059
W179354		713	<20	0.29	<10	<10	93	<10	60		<0.001
W179355		425	<20	0.34	<10	<10	117	<10	60		<0.001
W179356		139	<20	0.34	<10	<10	139	<10	72		<0.001
W179357		52	<20	0.17	<10	<10	65	<10	68		0.154
W179358		337	<20	0.25	<10	<10	88	10	78		0.014
W179359		334	<20	0.22	<10	<10	77	<10	66		0.009
W179360		206	<20	0.01	<10	<10	1	<10	3		0.002
W179361		319	<20	0.30	<10	<10	111	<10	68		<0.001
W179362		276	<20	0.29	10	<10	95	<10	49		<0.001
W179363		228	<20	0.37	<10	<10	117	<10	83		0.021
W179364		77	<20	0.89	<10	<10	75	<10	68		0.225
W179365		81	<20	1.55	<10	<10	645	<10	88		0.102
W179366		122	<20	0.50	10	<10	256	<10	109		0.261
W179367		10	<20	0.02	<10	<10	9	<10	5		0.018
W179368		205	<20	0.64	<10	<10	299	<10	77		0.006
W179369		121	<20	0.51	10	<10	241	<10	96		0.004
W179370		9	<20	0.03	<10	<10	12	<10	5		0.015
W179371		15	<20	0.17	<10	<10	68	<10	48		0.034
W179372		126	<20	0.14	<10	<10	36	<10	40		0.024
W179373		434	<20	0.22	<10	<10	32	<10	28		<0.001
W179374		30	<20	0.12	<10	<10	68	<10	19		0.584
W179375		59	<20	0.25	<10	<10	202	40	49		7.03
W179376		119	<20	0.57	<10	<10	295	<10	60		0.019
W179377		102	<20	0.45	<10	<10	238	<10	90		0.565
W179378		90	<20	0.47	<10	<10	276	<10	71		0.028
W179379		74	<20	0.39	<10	<10	233	<10	73		0.006
W179380		272	<20	0.37	<10	<10	140	40	288		3.98
W179381		14	<20	0.07	<10	<10	35	<10	17		0.013
W179382		106	<20	0.45	<10	<10	259	<10	62		0.013
W179383		409	<20	0.15	<10	<10	109	<10	4		0.162
W179384		177	<20	1.01	<10	<10	381	<10	63		0.466
W179385		245	<20	0.29	<10	<10	131	<10	36		0.093
W179386		197	<20	0.28	<10	<10	125	<10	42		0.116
W179387		578	<20	0.27	<10	<10	130	<10	48		0.012
W179388		174	<20	0.44	<10	<10	234	<10	51		0.023
W179389		166	<20	0.21	<10	<10	73	<10	57		0.194
W179390		195	<20	0.40	<10	<10	241	<10	62		0.015
W179391		134	<20	0.17	<10	<10	11	<10	43		0.006
W179392		231	<20	0.48	<10	<10	130	<10	117		<0.001



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		Poids reçu kg 0.02	Au ppm 0.05	Ag ppm 0.5	Ag ppm 1	Al % 0.01	As ppm 5	Ba ppm 10	Be ppm 0.5	Bi ppm 2	Ca % 0.01	Cd ppm 0.5	Co ppm 1	Cr ppm 1	Cu ppm 1	Fe % 0.01
W179393		0.62		<0.5		5.46	<5	120	<0.5	<2	6.55	<0.5	29	320	25	5.38
W179394		0.68		<0.5		8.24	55	60	<0.5	<2	7.22	0.5	39	172	36	7.93
W179395		0.94		<0.5		8.19	8	30	<0.5	<2	7.96	0.5	60	152	380	8.53
W179396		0.75		<0.5		0.63	6	<10	<0.5	<2	0.80	<0.5	4	42	67	2.52
W179397		0.94		<0.5		6.58	6	30	<0.5	4	7.01	<0.5	58	18	361	11.00
W179398		0.52		<0.5		6.93	8	40	<0.5	<2	6.83	<0.5	45	85	148	10.05
W179399		1.17		<0.5		7.91	<5	100	0.5	4	4.21	<0.5	45	35	53	12.40
W179400		0.99		<0.5		0.11	<5	490	<0.5	<2	35.4	<0.5	1	1	1	0.13
W179401		1.27		<0.5		7.28	6	920	1.5	<2	2.41	<0.5	14	63	9	3.62
W179402		0.70		<0.5		0.79	<5	490	<0.5	<2	0.17	<0.5	1	27	8	1.02
W179403		1.75		<0.5		7.73	<5	1170	1.9	<2	2.44	<0.5	16	74	24	4.10
W179404		0.73		<0.5		0.11	<5	60	<0.5	<2	0.02	<0.5	1	23	1	0.76
W179405		1.16		<0.5		0.52	<5	80	<0.5	<2	0.14	<0.5	<1	31	4	0.60
W179406		0.92		<0.5		6.65	8	190	<0.5	<2	3.93	2.4	74	257	427	10.20
W179407		1.36		<0.5		7.87	20	120	<0.5	<2	4.87	0.5	49	472	217	8.87
W179408		1.33		<0.5		7.20	19	90	<0.5	<2	9.37	<0.5	46	162	91	8.98
W179409		1.24		<0.5		6.47	10	130	<0.5	<2	8.74	<0.5	61	960	63	7.91
W179410		0.54		<0.5		0.06	<5	<10	<0.5	<2	0.06	<0.5	<1	21	1	0.60
W179411		0.76		<0.5		4.95	74	750	<0.5	<2	0.08	<0.5	16	1340	46	0.80
W179412		0.90		<0.5		8.02	39	120	<0.5	<2	5.91	<0.5	65	500	120	7.80
W179413		1.59		<0.5		7.75	<5	90	<0.5	<2	9.86	<0.5	60	436	146	7.05
W179414		0.49		<0.5		0.52	<5	20	<0.5	<2	0.25	<0.5	6	24	19	1.04
W179415		1.13		<0.5		5.15	66	190	0.5	<2	1.15	<0.5	17	91	70	2.94
W179416		0.77		<0.5		1.73	16	140	<0.5	<2	0.64	<0.5	5	43	30	1.30
W179417		1.65		<0.5		7.11	13	20	<0.5	<2	10.40	<0.5	65	1200	62	7.46
W179418		0.90	0.8			8.26	52	50	0.6	<2	5.63	6.8	171	152	425	6.43
W179419		1.05		0.6		8.86	42	10	0.7	<2	10.55	4.6	105	122	390	4.08
W179420		0.11		0.8		6.95	28	610	0.8	<2	2.47	0.9	19	67	153	5.26
W179421		1.08		<0.5		7.72	15	930	0.9	<2	1.73	<0.5	12	27	55	3.14
W179422		0.68		<0.5		3.71	34	220	<0.5	<2	0.68	<0.5	5	23	12	1.32
W179423		1.34		<0.5		7.56	<5	480	0.7	<2	1.99	<0.5	17	78	68	4.56
W179424		1.82		<0.5		7.98	<5	360	0.8	<2	3.67	<0.5	29	180	31	6.09
W179425		1.15		<0.5		7.54	7	1160	1.8	<2	2.90	<0.5	16	68	29	4.10
W179426		0.98		<0.5		7.60	<5	560	0.8	<2	3.05	<0.5	7	13	11	3.65
W179427		1.37		<0.5		8.05	<5	620	1.4	3	3.12	<0.5	9	10	15	4.76
W179428		1.11		<0.5		7.90	<5	260	0.9	<2	0.77	<0.5	22	41	<1	4.49
W179429		0.90		<0.5		6.98	<5	230	0.7	2	4.10	<0.5	26	117	5	5.94
W179430		1.14		<0.5		7.85	7	20	<0.5	<2	9.13	<0.5	45	196	10	6.79
W179431		0.96		<0.5		6.32	<5	30	<0.5	<2	6.38	<0.5	57	56	21	9.06
W179432		1.14		<0.5		0.35	<5	40	<0.5	<2	0.09	<0.5	1	23	5	0.46



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**CERTIFICAT D'ANALYSE VO17185398**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ni-OG62	ME-ICP61	ME-ICP61	Pb-OG62	ME-ICP61	ME-ICP61	ME-ICP61
		Ga ppm 10	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	Ni % 0.001	P ppm 10	Pb ppm 2	Pb % 0.001	S % 0.01	Sb ppm 5	Sc ppm 1
W179393		10	0.59	<10	3.56	1240	2	0.90	97		150	3		0.02	<5	31
W179394		10	0.70	<10	5.67	1300	<1	1.78	167		180	<2		0.01	<5	33
W179395		20	0.35	<10	3.79	1355	1	2.38	137		240	<2		0.30	<5	44
W179396		<10	0.05	<10	0.42	213	1	0.13	6		20	<2		0.03	<5	4
W179397		20	0.33	<10	3.30	1770	<1	1.61	23		490	<2		0.41	6	47
W179398		20	0.39	<10	3.47	1565	<1	1.79	30		510	<2		0.17	5	42
W179399		30	0.46	<10	3.29	3740	<1	1.56	52		560	<2		0.10	5	53
W179400		<10	0.02	<10	0.59	1095	<1	0.01	<1		160	3		0.07	<5	1
W179401		20	2.34	30	1.48	617	<1	3.19	20		960	13		0.07	6	11
W179402		<10	0.63	<10	0.10	141	<1	0.16	3		60	3		0.01	<5	1
W179403		20	2.41	20	1.44	510	1	3.08	24		1030	18		0.02	<5	12
W179404		<10	0.06	<10	0.01	90	<1	0.03	2		10	<2		<0.01	<5	<1
W179405		<10	0.16	<10	0.09	77	<1	0.18	2		60	<2		<0.01	<5	1
W179406		20	0.50	10	2.27	1145	1	1.26	214		180	12		4.64	<5	27
W179407		20	0.31	<10	2.81	1315	<1	1.43	134		200	8		2.36	<5	41
W179408		20	0.13	<10	4.15	1925	1	0.43	114		290	7		0.08	<5	42
W179409		10	0.23	<10	5.57	1945	<1	0.47	354		190	3		0.03	<5	37
W179410		<10	0.01	<10	0.03	76	<1	0.01	2		<10	2		<0.01	<5	<1
W179411		10	1.88	<10	0.12	81	<1	0.44	36		40	2		0.04	<5	10
W179412		20	0.23	<10	3.68	1215	<1	1.06	168		180	4		0.45	10	46
W179413		10	0.45	<10	3.53	1540	<1	1.40	276		170	<2		0.23	<5	50
W179414		<10	0.10	<10	0.05	109	<1	0.11	6		30	3		0.19	<5	<1
W179415		10	0.91	10	0.86	526	1	1.57	37		140	7		0.35	<5	9
W179416		10	0.59	<10	0.31	233	<1	0.30	13		70	4		0.12	<5	3
W179417		10	0.03	<10	5.55	2490	<1	0.92	326		180	<2		0.05	<5	38
W179418		30	0.36	10	1.48	585	3	2.68	195		370	51		3.55	6	19
W179419		30	0.08	10	0.97	558	2	0.94	159		220	37		2.27	7	18
W179420		20	1.11	10	1.54	924	8	2.24	43		790	50		0.16	9	17
W179421		20	1.88	30	1.11	663	<1	3.14	20		570	13		0.05	<5	8
W179422		10	0.49	10	0.36	248	<1	1.96	7		190	7		0.02	<5	3
W179423		20	1.86	10	1.36	604	<1	2.73	53		640	6		0.15	6	11
W179424		20	1.85	40	3.08	1510	<1	2.46	117		1390	6		0.01	6	19
W179425		20	3.07	30	1.59	625	<1	3.12	22		1190	18		0.01	<5	12
W179426		20	1.38	10	1.00	501	<1	2.41	9		750	7		0.07	<5	11
W179427		20	1.96	10	1.32	649	1	2.25	8		2090	11		0.52	<5	9
W179428		20	2.40	30	1.12	484	<1	1.03	43		520	5		<0.01	<5	15
W179429		20	1.13	10	1.11	1805	<1	1.78	55		1820	4		0.01	<5	23
W179430		20	0.22	<10	2.27	1775	<1	1.14	113		230	<2		0.01	<5	43
W179431		20	0.29	<10	4.94	1465	<1	1.21	194		270	3		<0.01	<5	15
W179432		<10	0.09	<10	0.03	63	<1	0.08	4		110	<2		0.02	<5	<1



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**CERTIFICAT D'ANALYSE VO17185398**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Zn-OG62	Au-ICP21
		Sr ppm 1	Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Zn % 0.001	Au ppm 0.001
W179393		183	<20	0.25	<10	<10	162	<10	56		0.012
W179394		117	<20	0.34	10	<10	206	<10	63		0.010
W179395		105	<20	0.45	<10	<10	257	<10	55		0.039
W179396		6	<20	0.04	<10	<10	26	<10	6		0.190
W179397		87	<20	1.00	<10	<10	524	<10	68		0.015
W179398		91	<20	0.83	<10	<10	387	10	59		0.036
W179399		139	<20	0.76	10	<10	441	<10	210		0.005
W179400		182	<20	0.01	<10	<10	3	<10	3		0.001
W179401		594	<20	0.31	10	<10	86	<10	73		<0.001
W179402		60	<20	0.02	<10	<10	9	<10	5		<0.001
W179403		836	<20	0.34	<10	<10	105	<10	77		0.002
W179404		12	<20	<0.01	<10	<10	2	<10	<2		<0.001
W179405		53	<20	0.02	<10	<10	7	<10	5		<0.001
W179406		96	<20	0.24	<10	<10	133	<10	672		0.131
W179407		132	<20	0.32	<10	<10	215	<10	317		0.265
W179408		79	<20	0.64	<10	<10	319	<10	97		<0.001
W179409		124	<20	0.30	<10	<10	201	<10	78		<0.001
W179410		1	<20	<0.01	<10	<10	3	<10	<2		<0.001
W179411		21	<20	0.17	<10	<10	117	<10	90		0.002
W179412		116	<20	0.35	<10	<10	237	<10	205		0.003
W179413		142	<20	0.31	<10	<10	224	<10	77		0.003
W179414		9	<20	0.02	<10	<10	7	<10	5		<0.001
W179415		112	<20	0.23	<10	<10	73	<10	65		<0.001
W179416		40	<20	0.07	<10	<10	24	<10	23		0.001
W179417		89	<20	0.29	<10	<10	212	<10	83		<0.001
W179418		97	<20	0.31	<10	<10	102	<10	3160		0.040
W179419		23	<20	0.29	<10	<10	92	<10	2120		0.018
W179420		290	<20	0.37	10	<10	148	40	304		4.06
W179421		371	<20	0.30	<10	<10	67	<10	111		0.003
W179422		175	<20	0.12	<10	<10	26	<10	28		0.005
W179423		328	<20	0.34	<10	<10	92	<10	75		<0.001
W179424		503	<20	0.51	<10	<10	142	<10	89		<0.001
W179425		784	<20	0.34	<10	<10	99	<10	69		<0.001
W179426		392	<20	0.42	<10	<10	109	<10	50		0.006
W179427		475	<20	0.42	10	<10	92	<10	83		0.499
W179428		155	<20	0.40	<10	<10	114	<10	62		<0.001
W179429		230	<20	0.65	10	<10	174	<10	97		<0.001
W179430		148	<20	0.42	<10	<10	245	<10	56		0.002
W179431		101	<20	0.47	<10	<10	219	<10	92		<0.001
W179432		20	<20	0.01	<10	<10	3	<10	2		<0.001



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**CERTIFICAT D'ANALYSE VO17185398**

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-GR21	ME-ICP61	Ag-OG62	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Poids reçu kg 0.02	Au ppm 0.05	Ag ppm 0.5	Ag ppm 1	Al % 0.01	As ppm 5	Ba ppm 10	Be ppm 0.5	Bi ppm 2	Ca % 0.01	Cd ppm 0.5	Co ppm 1	Cr ppm 1	Cu ppm 1	Fe % 0.01
W179433		1.20		<0.5		8.35	<5	960	1.8	2	2.55	<0.5	8	17	18	2.51
W179434		1.44		0.8		7.35	<5	200	0.8	<2	0.24	<0.5	57	160	104	7.45
W179435		1.41		<0.5		7.40	9	910	1.9	<2	2.69	<0.5	13	57	14	3.59
W179436		1.23		<0.5		7.97	<5	450	1.0	3	2.34	<0.5	6	5	10	2.66
W179437		1.13		<0.5		0.18	9	20	0.6	<2	0.84	<0.5	10	12	48	18.50
W179451		1.62		<0.5		7.84	6	100	<0.5	<2	6.12	<0.5	28	15	350	9.18
W179452		1.12		<0.5		7.94	23	50	<0.5	<2	8.22	<0.5	35	243	37	8.60
W179453		0.83		<0.5		8.83	6	40	<0.5	5	9.23	<0.5	63	246	294	7.08
W179454		0.67		<0.5		6.99	<5	220	0.6	<2	2.38	<0.5	13	48	29	3.48
W179455		0.94		0.6		7.80	<5	750	1.0	<2	4.36	<0.5	39	82	192	6.13
W179456		0.76		<0.5		6.85	<5	840	1.2	<2	0.56	<0.5	1	7	1	0.94
W179457		0.54		<0.5		7.15	<5	1000	1.1	<2	1.03	<0.5	5	17	9	1.58
W179458		0.85		<0.5		3.28	6	190	0.6	<2	0.60	<0.5	2	17	4	1.87
W179459		1.08		<0.5		0.23	<5	10	<0.5	<2	0.07	<0.5	1	21	1	0.50
W179460		0.11		0.8		6.83	32	600	0.8	<2	2.40	0.6	20	65	146	5.10
W179461		0.62		<0.5		8.03	<5	650	1.5	3	0.95	<0.5	1	9	6	1.65
W179462		0.76		<0.5		6.81	<5	380	2.2	<2	2.07	<0.5	10	27	<1	1.72
W179463		1.15		<0.5		7.10	10	710	1.1	2	2.15	<0.5	12	60	55	3.30
W179464		0.93		<0.5		6.03	<5	580	1.3	3	1.10	<0.5	1	8	16	1.50
W179465		0.68		<0.5		6.10	6	430	0.7	<2	0.56	<0.5	2	7	1	1.57
W179466		0.91		0.6		5.36	10	280	<0.5	2	9.67	<0.5	62	91	729	8.97
W179467		0.71		<0.5		7.54	25	30	<0.5	<2	7.65	<0.5	37	444	69	10.60
W179468		0.30		<0.5		5.77	386	80	0.7	<2	3.31	<0.5	101	811	831	10.50
W179469		0.97		<0.5		7.96	8	100	<0.5	<2	6.40	<0.5	39	277	96	6.67
W179470		1.17		<0.5		4.93	7	80	<0.5	<2	5.88	<0.5	24	108	11	4.98
W179471		1.21		<0.5		7.47	7	140	<0.5	2	6.35	<0.5	41	306	160	8.07
W179472		1.19		<0.5		0.29	<5	10	<0.5	<2	0.21	<0.5	1	29	4	0.86
W179473		0.46		<0.5		7.49	10	70	<0.5	<2	6.72	<0.5	32	115	139	8.75
W179474		1.47	22.6	4.9		5.65	154	110	<0.5	444	8.08	0.5	42	143	1160	8.85
W179475		0.98		<0.5		6.74	24	50	<0.5	2	6.67	<0.5	70	295	114	9.06
W179476		0.83		<0.5		4.69	33	140	<0.5	6	2.84	<0.5	36	177	153	9.72
W179477		1.29		<0.5		9.88	7	60	<0.5	3	7.93	<0.5	21	81	137	4.04
W179478		0.97		<0.5		7.04	<5	20	<0.5	<2	7.84	<0.5	45	48	63	9.90
W179479		1.07		<0.5		6.87	749	270	0.6	6	3.16	<0.5	62	61	391	4.16
W179480		0.75		<0.5		0.12	<5	680	<0.5	<2	34.3	<0.5	1	3	2	0.12
W179481		1.23		<0.5		6.21	13	820	0.9	4	5.09	<0.5	32	15	150	9.84
W179440		0.91		<0.5		0.10	<5	590	<0.5	<2	33.6	<0.5	<1	2	2	0.12



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		Ga ppm 10	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	Ni % 0.001	P ppm 10	Pb ppm 2	Pb % 0.001	S % 0.01	Sb ppm 5	Sc ppm 1
W179433		20	1.91	20	0.89	432	<1	2.40	8		860	19		0.07	9	5
W179434		20	1.58	20	1.20	879	1	0.07	123		1100	4		0.88	10	25
W179435		20	2.88	30	1.34	523	1	2.97	18		900	18		0.08	9	10
W179436		20	1.82	10	0.21	490	<1	2.42	1		970	19		0.06	9	11
W179437		<10	0.03	<10	0.66	358	2	0.03	20		910	<2		4.81	9	1
W179451		20	0.71	10	4.08	1615	1	1.80	18		310	5		0.38	7	39
W179452		20	0.39	<10	4.81	1635	1	1.70	89		210	<2		0.05	19	45
W179453		20	0.21	<10	1.73	1610	<1	0.98	160		250	<2		0.64	7	44
W179454		20	0.98	10	1.07	745	<1	2.89	29		380	7		0.06	7	8
W179455		20	2.33	20	2.42	695	1	2.33	33		1260	9		0.19	12	20
W179456		20	2.89	40	0.10	139	5	1.23	2		60	4		0.01	5	5
W179457		20	3.98	20	0.22	139	2	1.38	3		60	9		0.57	9	7
W179458		10	0.91	10	0.19	104	<1	0.76	1		40	<2		0.15	6	3
W179459		<10	0.03	<10	0.01	50	<1	0.09	2		10	<2		<0.01	<5	<1
W179460		20	1.11	10	1.51	859	7	2.19	41		750	44		0.14	10	16
W179461		20	3.08	10	0.33	113	2	1.38	<1		30	4		0.10	12	7
W179462		10	1.45	30	0.44	511	1	1.93	13		140	64		<0.01	<5	8
W179463		20	2.56	40	1.89	835	1	0.91	31		850	41		0.14	11	10
W179464		20	2.25	30	0.28	307	<1	1.41	2		160	12		0.06	<5	4
W179465		20	3.12	10	0.60	276	<1	0.20	1		110	19		0.02	8	5
W179466		10	0.98	10	4.77	2180	<1	0.69	48		160	2		0.36	9	31
W179467		20	0.22	10	5.20	2300	<1	1.30	104		190	<2		0.02	15	49
W179468		20	0.39	10	3.83	1120	6	1.80	207		480	<2		0.53	9	21
W179469		20	0.46	<10	3.07	1255	<1	2.47	101		220	<2		0.16	9	44
W179470		10	0.32	<10	2.07	1045	3	1.24	59		140	<2		0.02	6	25
W179471		20	0.78	10	3.69	1935	<1	1.26	97		220	4		1.13	9	41
W179472		<10	0.03	<10	0.13	110	<1	0.08	3		10	<2		0.04	<5	1
W179473		20	0.24	<10	3.02	1285	1	1.95	27		520	5		0.12	10	41
W179474		20	1.06	<10	2.81	1470	99	0.91	53		250	17		1.02	18	30
W179475		20	0.25	<10	3.04	1555	1	1.41	121		180	3		0.96	14	37
W179476		10	0.47	10	1.99	903	2	1.32	38		320	6		2.08	13	20
W179477		20	0.24	<10	0.99	675	<1	2.24	21		80	<2		0.05	12	14
W179478		20	0.18	10	5.16	1765	<1	1.40	56		200	<2		0.04	18	53
W179479		20	1.01	20	1.27	639	2	1.40	71		430	<2		0.73	9	11
W179480		<10	0.03	10	0.62	772	<1	0.01	1		150	42		0.07	<5	1
W179481		20	2.05	10	2.99	1505	<1	0.49	18		540	7		1.09	12	41
W179440		<10	0.02	10	0.87	1150	<1	<0.01	1		120	4		0.08	<5	1



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**CERTIFICAT D'ANALYSE VO17185398**

Description échantillon	Méthode élément unités L.D.	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Zn-OG62	Au-ICP21
		Sr ppm 1	Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	ME-ICP61 ppm 2	Zn % 0.001	Au ppm 0.001
W179433		645	<20	0.28	<10	<10	48	<10	84		0.001
W179434		32	<20	0.63	<10	<10	205	<10	161		0.017
W179435		727	<20	0.29	<10	<10	77	<10	67		0.008
W179436		157	<20	0.52	<10	<10	64	<10	58		<0.001
W179437		11	<20	0.01	<10	<10	8	<10	53		0.001
W179451		114	<20	0.62	10	<10	315	<10	65		0.083
W179452		120	<20	0.45	<10	<10	268	<10	66		0.057
W179453		99	<20	0.48	<10	<10	258	<10	39		0.013
W179454		291	<20	0.20	<10	<10	71	<10	53		<0.001
W179455		528	<20	0.43	<10	<10	148	<10	57		0.242
W179456		131	<20	0.13	<10	<10	4	<10	20		<0.001
W179457		185	<20	0.13	<10	<10	26	<10	7		0.007
W179458		102	<20	0.08	<10	<10	10	<10	7		0.002
W179459		7	<20	<0.01	<10	<10	1	<10	3		0.001
W179460		267	<20	0.37	<10	<10	141	40	288		4.08
W179461		192	<20	0.23	<10	<10	19	<10	15		0.003
W179462		260	<20	0.41	<10	<10	42	<10	56		<0.001
W179463		117	<20	0.28	<10	<10	67	<10	241		0.016
W179464		129	<20	0.12	<10	<10	4	<10	31		0.003
W179465		30	<20	0.12	<10	<10	4	<10	30		<0.001
W179466		112	<20	0.24	<10	<10	166	<10	54		0.192
W179467		73	<20	0.38	10	<10	249	<10	108		0.014
W179468		72	<20	0.58	<10	<10	163	<10	160		0.122
W179469		94	<20	0.48	<10	<10	264	<10	55		0.013
W179470		101	<20	0.32	<10	<10	135	<10	36		0.013
W179471		106	<20	0.45	<10	<10	244	10	87		0.016
W179472		4	<20	0.02	<10	<10	11	<10	4		<0.001
W179473		122	<20	0.81	<10	<10	287	<10	96		0.005
W179474		123	<20	0.45	<10	<10	188	10	147		>10.0
W179475		87	<20	0.41	<10	<10	225	<10	71		0.052
W179476		144	<20	0.27	<10	<10	123	<10	47		0.055
W179477		166	<20	0.26	10	<10	107	<10	31		0.006
W179478		60	<20	0.57	<10	<10	337	<10	82		0.092
W179479		90	<20	0.26	<10	<10	65	<10	34		0.023
W179480		222	<20	0.01	<10	<10	1	<10	2		0.001
W179481		396	<20	0.77	<10	<10	293	<10	84		0.037
W179440		158	<20	0.01	<10	<10	1	<10	4		0.002



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CERTIFICAT D'ANALYSE VO17185398

### COMMENTAIRE DE CERTIFICAT

#### ADRESSE DE LABORATOIRE

Applique à la Méthode:	Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada			
	BAG-01	CRU-32	CRU-QC	LOG-22
	LOG-24	PUL-32	PUL-QC	SPL-21
	WEI-21			
Applique à la Méthode:	Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Ag-OG62	Au-GRA21	Au-ICP21	ME-ICP61
	ME-OG62	Ni-OG62	Pb-OG62	Zn-OG62



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**CERTIFICAT VO18143157**

Projet: BJ

Ce rapport s'applique aux 137 échantillons de channel soumis à notre laboratoire de Val d'Or, QC, Canada le 17-JUIN-2018.

Les résultats sont transmis à:

JEAN-FRANÇOIS LARIVIÈRE

MARIO MASSON

SYLVAIN TRÉPANIÉ

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
BAG-01	Entreposage pulp de ref.
LOG-23	Entrée pulpe - Reçu avec code barre
LOG-21	Entrée échantillon - Code barre client
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

\*\*\*\*\* Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Projet: BJ

CERTIFICAT D'ANALYSE VO18143157

Description échantillon	Méthode élément unités LDI	WEI-21	Au-ICP21
		Poids reçu kg 0.02	Au ppm 0.001
S271480		0.28	0.001
S271555		4.39	0.061
S271556		4.01	0.022
S271557		3.67	0.041
S271558		3.06	0.007
S271559		4.94	0.024
S271560		0.65	<0.001
S271581		3.21	0.004
S271582		3.78	0.002
S271583		4.18	0.002
S271584		4.74	0.002
S271585		3.95	0.003
S271600		0.47	<0.001
S271601		4.23	0.003
S271602		3.28	0.003
S271603		4.40	0.001
S271604		4.80	0.004
S271605		4.51	0.002
S271612		4.27	0.005
S271613		4.00	0.007
S271614		3.86	0.011
S271615		2.39	0.017
S271616		2.60	0.007
S271617		4.08	0.015
S271618		3.32	0.016
S271619		2.57	0.061
S271620		0.11	3.84
S271621		4.13	0.012
S271622		4.77	0.006
S271623		4.09	0.006
S271624		6.39	0.005
S271625		3.04	0.010
S271626		2.49	0.006
S271683		2.42	0.030
S271684		3.90	0.023
S271685		1.81	0.043
S271686		2.18	0.014
S271687		3.38	0.016
S271688		2.39	0.025
S271689		2.51	0.044



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Description échantillon	Méthode élément unités LDI	WEI-21	Au-ICP21
		Poids reçu kg 0.02	Au ppm 0.001
S271690		1.75	0.009
S271691		2.31	0.032
S271692		2.55	0.017
S271693		2.60	0.034
S271694		2.56	0.015
S271695		2.14	0.070
S271696		3.06	0.010
S271697		2.55	0.018
S271698		3.13	0.027
S271699		2.78	0.016
S271700		0.33	<0.001
S271701		3.07	0.064
S271702		2.10	0.021
S271703		3.04	0.024
S271704		2.32	0.038
S271705		2.40	0.028
S271706		1.81	0.026
S271707		2.63	0.015
S271708		1.13	0.011
S271709		2.37	0.030
S271710		2.93	0.014
S271711		2.81	0.028
S271712		2.68	0.024
S271713		3.14	0.024
S271714		2.11	0.023
S271715		3.12	0.008
S271716		3.22	0.063
S271717		3.46	0.034
S271718		2.84	0.007
S271719		2.65	0.017
S271720		0.53	<0.001
S271721		2.64	0.037
S271722		1.18	0.088
S271723		1.11	0.061
S271724		2.69	0.004
S271725		3.30	0.058
S271726		3.66	0.038
S271727		2.77	0.033
S271728		3.38	0.046
S271729		3.91	0.053

\*\*\*\*\* Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat \*\*\*\*\*



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CERTIFICAT D'ANALYSE VO18143157

Description échantillon	Méthode élément unités LDI	WEI-21	Au-ICP21
		Poids reçu kg 0.02	Au ppm 0.001
S271730		2.25	0.029
S271731		4.08	0.011
S271732		3.95	0.021
S271733		3.19	0.017
S271734		3.62	0.008
S271735		3.24	0.010
S271736		3.25	0.006
S271737		3.17	0.010
S271738		2.00	0.033
S271739		1.45	0.016
S271740		0.35	<0.001
S271741		3.00	0.026
S271742		2.10	0.006
S271743		3.38	0.007
S271744		2.68	0.005
S271745		3.23	0.012
S271746		3.25	0.046
S271747		2.98	0.018
S271748		3.16	0.271
S271749		2.52	0.019
S271750		3.74	0.022
S271751		4.06	0.015
S271752		3.30	0.075
S271753		3.65	0.045
S271754		3.52	0.113
S271755		3.02	0.041
S271756		2.98	0.075
S271757		2.71	0.278
S271758		3.98	0.020
S271759		4.20	0.009
S271760		0.58	<0.001
S271761		4.83	0.007
S271762		4.69	0.009
S271763		5.72	0.003
S271764		4.51	0.006
S271765		5.44	0.003
S271766		4.73	0.004
S271767		5.27	0.002
S271768		2.47	0.005
S271769		2.26	0.032



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CERTIFICAT D'ANALYSE VO18143157

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001
S271770		3.12	0.035
S271771		2.95	0.020
S271772		3.20	0.014
S271773		2.97	0.007
S271774		2.33	0.024
S271775		3.25	0.019
S271776		3.34	0.010
S271777		2.83	0.002
S271778		1.67	0.006
S271779		4.67	0.001
S271780		0.50	<0.001
S271781		3.42	0.004
S271782		3.73	0.116
S271783		3.48	0.003
S271784		3.76	0.013
S271785		3.98	0.008
S271786		3.96	0.009

\*\*\*\*\* Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat \*\*\*\*\*



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CERTIFICAT D'ANALYSE VO18143157

### COMMENTAIRE DE CERTIFICAT

#### ADRESSE DE LABORATOIRE

Applique à la Méthode:	Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada			
	BAG-01	CRU-32	CRU-QC	LOG-21
	LOG-23	PUL-32	PUL-QC	SPL-21
	WEI-21			
Applique à la Méthode:	Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21			



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**CERTIFICAT VO18150190**

Projet: BJ

Ce rapport s'applique aux 153 échantillons de channel soumis à notre laboratoire de Val d'Or, QC, Canada le 22-JUIN-2018.

Les résultats sont transmis à:

JEAN-FRANÇOIS LARIVIÈRE

MARIO MASSON

SYLVAIN TRÉPANIÉ

**PRÉPARATION ÉCHANTILLONS**


CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-23	Entrée pulpe - Reçu avec code barre
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
BAG-01	Entreposage pulp de ref.
LOG-21	Entrée échantillon - Code barre client
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

\*\*\*\*\* Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat \*\*\*\*\*

Signature:   
Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICAT D'ANALYSE VO18150190

Description échantillon	Méthode élément unités LDI	WEI-21	Au-ICP21
		Poids reçu kg 0.02	Au ppm 0.001
S271401		0.55	<0.001
S271402		3.20	0.019
S271403		2.05	0.013
S271404		3.03	0.051
S271405		3.34	0.014
S271406		2.33	0.007
S271407		2.38	0.033
S271408		2.06	0.012
S271409		1.75	0.009
S271410		1.12	0.004
S271411		2.85	0.010
S271412		3.31	0.049
S271413		4.84	0.035
S271414		2.44	0.076
S271415		3.39	0.003
S271416		1.69	0.008
S271417		2.41	0.003
S271418		2.52	0.005
S271419		2.59	0.022
S271420		0.11	3.77
S271421		2.84	0.010
S271422		3.21	0.022
S271423		3.15	0.009
S271424		5.09	0.070
S271425		3.75	3.09
S271426		3.10	0.914
S271427		4.59	0.018
S271428		3.08	0.043
S271429		2.12	0.026
S271430		1.33	0.025
S271431		2.95	0.011
S271432		2.81	0.015
S271433		2.67	0.009
S271434		3.12	0.006
S271435		2.81	0.006
S271436		1.55	1.390
S271437		3.44	4.21
S271438		2.76	0.047
S271439		3.13	0.012
S271440		0.48	0.001



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Projet: BJ

CERTIFICAT D'ANALYSE VO18150190

Description échantillon	Méthode élément unités LDI	WEI-21	Au-ICP21
		Poids reçu kg 0.02	Au ppm 0.001
S271441		2.76	0.033
S271442		2.27	0.010
S271443		1.72	0.005
S271444		2.16	0.040
S271445		1.95	0.014
S271446		1.78	0.009
S271447		1.97	0.142
S271448		2.64	0.296
S271449		1.70	0.011
S271450		2.17	0.216
S271451		2.51	0.021
S271452		2.38	0.003
S271453		1.96	0.016
S271454		2.10	0.035
S271455		1.76	0.046
S271456		2.57	0.003
S271457		2.35	0.010
S271458		2.48	0.037
S271459		1.77	0.006
S271460		0.11	3.80
S271461		2.51	0.010
S271462		2.23	0.018
S271463		3.47	0.024
S271464		2.57	0.015
S271465		2.38	0.016
S271466		2.31	0.028
S271467		2.29	0.039
S271468		2.04	0.012
S271469		2.37	0.006
S271470		2.28	0.005
S271471		2.31	0.009
S271472		2.49	<0.001
S271473		2.70	0.014
S271474		2.12	0.056
S271475		2.12	0.026
S271476		2.40	0.027
S271477		2.50	0.031
S271478		1.93	0.008
S271479		2.21	0.005
S271481		1.75	0.014



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CERTIFICAT D'ANALYSE VO18150190

Description échantillon	Méthode élément unités LDI	WEI-21	Au-ICP21
		Poids reçu kg 0.02	Au ppm 0.001
S271482		2.40	0.030
S271483		2.47	0.021
S271484		2.19	0.040
S271485		2.48	0.008
S271486		2.18	0.006
S271487		1.58	0.036
S271488		2.08	0.018
S271489		2.22	0.038
S271490		1.63	0.011
S271491		2.30	0.019
S271492		3.38	0.065
S271493		3.84	0.019
S271494		2.01	0.003
S271495		1.72	0.006
S271496		1.95	0.018
S271497		2.51	0.010
S271498		2.76	0.006
S271499		3.43	0.005
S271500		0.11	3.88
S271501		3.02	0.006
S271502		3.18	0.002
S271503		1.51	0.003
S271504		2.09	0.007
S271505		4.39	<0.001
S271506		2.06	0.006
S271507		3.76	0.006
S271508		3.10	0.003
S271509		3.53	0.003
S271510		3.95	0.002
S271511		3.33	0.003
S271512		3.30	0.006
S271513		2.76	0.002
S271514		4.60	0.007
S271515		1.99	0.012
S271516		3.91	0.009
S271517		3.48	0.011
S271518		4.21	0.039
S271519		1.45	0.024
S271520		0.46	<0.001
S271521		3.28	0.664



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CERTIFICAT D'ANALYSE VO18150190

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001
S271522		3.43	0.015
S271523		3.21	0.012
S271524		2.80	0.009
S271525		1.92	0.002
S271526		2.29	0.716
S271527		1.07	0.053
S271528		1.97	0.010
S271529		2.72	0.034
S271530		1.47	0.005
S271531		1.82	0.003
S271532		2.61	0.004
S271533		2.18	0.027
S271534		1.69	0.012
S271535		1.63	0.008
S271536		2.20	0.007
S271537		2.09	0.006
S271538		2.94	0.005
S271539		3.49	0.022
S271540		0.11	4.15
S271541		3.44	0.020
S271542		2.86	0.013
S271543		3.40	0.054
S271544		2.91	0.008
S271545		2.93	0.010
S271546		4.48	0.044
S271547		4.19	0.011
S271548		3.65	0.019
S271549		1.23	0.055
S271550		4.28	0.029
S271551		3.32	0.015
S271552		4.21	0.014
S271553		3.96	0.015
S271554		3.99	0.009



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CERTIFICAT D'ANALYSE VO18150190

### COMMENTAIRE DE CERTIFICAT

#### ADRESSE DE LABORATOIRE

Applique à la Méthode:	Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada			
	BAG-01	CRU-32	CRU-QC	LOG-21
	LOG-23	PUL-32	PUL-QC	SPL-21
	WEI-21			
Applique à la Méthode:	Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21			



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## CERTIFICAT VO18150199

Projet: BJ

Ce rapport s'applique aux 97 échantillons de channel soumis à notre laboratoire de Val d'Or, QC, Canada le 22-JUIN-2018.

Les résultats sont transmis à:

JEAN-FRANÇOIS LARIVIÈRE

MARIO MASSON

SYLVAIN TRÉPANIÉ

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-23	Entrée pulpe - Reçu avec code barre
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
BAG-01	Entreposage pulp de ref.
LOG-21	Entrée échantillon - Code barre client
CRU-32	Granulation 90 % < 2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

\*\*\*\*\* Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICAT D'ANALYSE VO18150199

Description échantillon	Méthode élément unités LDI	WEI-21	Au-ICP21
		Poids reçu kg 0.02	Au ppm 0.001
S271561		4.41	0.003
S271562		4.28	0.014
S271563		4.12	0.015
S271564		3.56	0.015
S271565		3.89	0.003
S271566		3.56	0.009
S271567		3.33	0.003
S271568		3.59	0.008
S271569		3.33	0.007
S271570		3.80	0.006
S271571		4.17	0.003
S271572		3.69	0.007
S271573		1.85	0.014
S271574		2.14	0.007
S271575		4.01	0.005
S271576		4.13	0.026
S271577		4.03	0.005
S271578		2.51	0.003
S271579		4.03	0.004
S271580		0.11	3.94
S271585		Not Recvd	
S271586		2.53	0.023
S271587		2.46	0.031
S271588		3.51	0.002
S271589		3.92	0.005
S271590		3.87	0.002
S271591		3.93	0.003
S271592		3.78	0.035
S271593		2.22	0.031
S271594		3.99	0.005
S271595		4.67	0.007
S271596		2.84	0.010
S271597		3.18	0.034
S271598		2.24	0.053
S271599		4.27	0.037
S271606		3.92	0.001
S271607		4.05	0.002
S271608		3.66	0.004
S271609		3.33	<0.001
S271610		2.71	<0.001



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CERTIFICAT D'ANALYSE VO18150199

Description échantillon	Méthode élément unités LDI	WEI-21	Au-ICP21
		Poids reçu kg 0.02	Au ppm 0.001
S271611		1.57	0.002
S271627		2.56	0.008
S271628		2.37	0.021
S271629		1.85	0.006
S271630		2.06	0.056
S271631		2.29	0.010
S271632		2.93	0.099
S271633		1.78	0.007
S271634		3.33	0.013
S271635		3.26	0.011
S271636		3.00	0.054
S271637		3.23	0.017
S271638		2.98	0.009
S271639		2.94	0.022
S271640		0.69	<0.001
S271641		3.15	0.019
S271642		2.74	0.014
S271643		3.28	0.015
S271644		3.22	0.027
S271645		2.35	0.030
S271646		2.05	0.010
S271647		2.68	0.011
S271648		3.04	0.028
S271649		1.72	0.074
S271650		3.32	0.022
S271651		2.00	0.013
S271652		3.27	0.020
S271653		2.38	0.009
S271654		2.85	0.037
S271655		2.88	0.037
S271656		2.99	0.015
S271657		2.51	0.004
S271658		2.86	0.038
S271659		3.06	0.023
S271660		0.11	3.64
S271661		3.27	0.002
S271662		2.97	0.007
S271663		3.26	0.007
S271664		2.87	0.007
S271665		3.58	0.004



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CERTIFICAT D'ANALYSE VO18150199

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001
S271666		3.34	0.007
S271667		3.15	0.033
S271668		3.21	0.016
S271669		3.06	0.072
S271670		2.75	0.007
S271671		2.63	0.021
S271672		3.13	0.030
S271673		3.16	0.040
S271674		3.26	0.032
S271675		1.99	0.008
S271676		2.90	0.047
S271677		1.78	0.018
S271678		3.16	0.016
S271679		2.42	0.012
S271680		0.56	<0.001
S271681		3.09	0.049
S271682		3.18	0.059



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CERTIFICAT D'ANALYSE VO18150199

### COMMENTAIRE DE CERTIFICAT

#### ADRESSE DE LABORATOIRE

Applique à la Méthode:	Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada			
	BAG-01	CRU-32	CRU-QC	LOG-21
	LOG-23	PUL-32	PUL-QC	SPL-21
	WEI-21			
Applique à la Méthode:	Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Au-ICP21			



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Compte: MIDEXP

**CERTIFICAT VO18207410**

Projet: BJ

Ce rapport s'applique aux 32 échantillons de channel soumis à notre laboratoire de Val d'Or, QC, Canada le 23-AOUT-2018.

Les résultats sont transmis à:

JEAN-FRANÇOIS LARIVIÈRE

MARIO MASSON

SYLVAIN TRÉPANIÉ

**PRÉPARATION ÉCHANTILLONS**

CODE ALS	DESCRIPTION
FND-02a	Localiser échantillon au laboratoire subsidiaire

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
ME-ICP61	33 éléments, quatre acides ICP-AES	ICP-AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

\*\*\*\*\* Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat \*\*\*\*\*

Signature:   
Colin Ramshaw, Vancouver Laboratory Manager



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Projet: BJ

**CERTIFICAT D'ANALYSE VO18207410**

Description échantillon	Méthode élément unités LDI	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Ag ppm 0.5	Al % 0.01	As ppm 5	Ba ppm 10	Be ppm 0.5	Bi ppm 2	Ca % 0.01	Cd ppm 0.5	Co ppm 1	Cr ppm 1	Cu ppm 1	Fe % 0.01	Ga ppm 10	K % 0.01	La ppm 10
S271411		<0.5	7.71	<5	300	0.5	5	6.18	<0.5	42	111	96	7.73	20	0.87	10
S271412		<0.5	7.41	6	140	<0.5	2	6.06	0.6	46	110	87	9.26	20	0.46	10
S271413		<0.5	7.67	12	60	<0.5	4	6.96	<0.5	38	111	52	8.79	20	0.27	10
S271414		<0.5	9.28	11	300	<0.5	2	8.72	<0.5	24	78	93	4.39	20	1.16	<10
S271415		<0.5	8.97	8	110	<0.5	4	8.19	<0.5	25	88	51	5.02	20	0.62	<10
S271416		<0.5	9.25	10	130	<0.5	2	10.10	<0.5	27	82	48	4.46	20	0.46	<10
S271417		<0.5	9.04	16	180	<0.5	<2	7.90	0.5	23	82	60	3.94	20	0.65	<10
S271418		<0.5	9.59	10	100	<0.5	<2	9.45	0.5	27	90	62	5.46	20	0.43	<10
S271419		<0.5	9.15	13	90	<0.5	3	8.94	<0.5	26	82	102	4.88	20	0.37	<10
S271420		0.9	6.87	33	580	0.7	4	2.50	1.2	17	60	148	5.19	10	1.12	10
S271421		<0.5	8.30	10	70	<0.5	6	8.63	0.5	43	146	75	8.16	20	0.50	<10
S271422		<0.5	7.79	8	40	<0.5	3	7.44	0.9	47	158	120	9.94	20	0.48	10
S271423		<0.5	7.59	10	50	<0.5	3	8.13	0.8	50	156	125	9.33	20	0.48	10
S271424		0.6	7.53	9	50	<0.5	4	8.41	0.7	47	157	286	9.51	20	0.45	10
S271425		5.5	7.02	66	180	<0.5	47	6.32	1.0	46	142	4010	9.07	20	1.16	10
S271426		4.3	7.47	513	190	<0.5	36	4.72	0.9	45	108	3270	7.43	20	2.03	10
S271427		<0.5	6.96	23	60	<0.5	6	7.03	0.5	49	190	126	10.05	20	0.42	10
S271428		1.2	7.55	740	70	0.6	2	2.92	0.6	68	131	1190	5.81	20	0.47	10
S271429		0.6	7.33	75	70	0.8	5	3.17	0.7	92	396	982	6.94	20	0.37	10
S271430		<0.5	5.41	15	80	<0.5	4	2.33	<0.5	61	176	627	4.49	10	0.35	<10
S271431		<0.5	7.81	8	30	<0.5	7	7.20	0.7	48	71	234	10.15	20	0.21	<10
S271432		<0.5	7.84	5	40	<0.5	4	7.40	0.9	52	67	238	11.15	20	0.24	<10
S271433		<0.5	7.58	5	40	<0.5	9	7.40	0.9	52	66	152	10.70	20	0.24	<10
S271434		<0.5	8.08	11	130	<0.5	7	7.08	1.2	55	67	216	10.10	20	0.42	<10
S271435		<0.5	7.39	7	60	<0.5	5	6.94	1.0	51	63	149	9.84	20	0.24	<10
S271436		0.6	7.31	16	210	0.6	22	4.83	1.1	21	85	459	4.93	20	0.91	10
S271437		2.8	7.35	262	140	<0.5	104	6.49	0.9	56	121	2030	9.16	10	1.53	<10
S271438		<0.5	7.83	24	50	<0.5	6	7.01	0.9	51	193	182	9.73	20	0.47	<10
S271439		<0.5	7.38	11	30	<0.5	6	6.55	0.7	52	201	97	10.80	20	0.48	<10
S271440		<0.5	7.55	<5	1410	1.6	3	2.58	<0.5	13	58	20	3.19	20	2.88	20
S271441		0.5	7.79	138	90	0.8	5	3.06	0.7	68	233	1005	6.68	20	0.29	10
S271442		<0.5	8.06	24	160	0.9	6	2.70	0.5	78	295	689	5.55	20	0.56	10



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**CERTIFICAT D'ANALYSE VO18207410**

Description échantillon	Méthode élément unités LDI	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm
		0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10
S271411		3.12	1385	<1	2.13	72	810	2	0.23	7	36	184	<20	0.78	<10	<10
S271412		3.09	1635	<1	2.20	73	550	3	0.40	6	39	154	<20	0.79	10	<10
S271413		2.78	1730	<1	2.10	72	540	5	0.20	<5	40	167	<20	0.81	10	<10
S271414		1.27	800	<1	1.74	42	140	2	0.09	5	13	153	<20	0.28	<10	10
S271415		1.85	842	<1	2.04	49	160	2	0.07	<5	15	136	<20	0.32	<10	<10
S271416		1.05	959	<1	1.78	50	150	<2	0.03	<5	15	136	<20	0.30	<10	<10
S271417		1.14	731	<1	2.38	48	160	<2	0.05	<5	13	156	<20	0.28	<10	<10
S271418		1.28	1010	<1	1.94	56	140	2	0.06	<5	15	198	<20	0.30	<10	<10
S271419		1.06	898	<1	2.22	54	160	<2	0.08	<5	14	194	<20	0.28	<10	<10
S271420		1.51	851	7	2.22	41	730	47	0.14	<5	16	269	<20	0.36	<10	<10
S271421		3.03	1530	<1	1.88	93	260	2	0.10	<5	31	142	<20	0.52	<10	<10
S271422		3.92	1610	<1	1.90	100	330	<2	0.18	<5	43	111	<20	0.65	<10	<10
S271423		3.85	1420	<1	1.25	104	310	<2	0.21	<5	40	119	<20	0.59	<10	<10
S271424		3.60	1495	6	1.35	98	330	<2	0.36	6	40	132	<20	0.60	<10	<10
S271425		2.66	1140	11	1.43	79	330	6	1.86	5	32	118	<20	0.51	<10	<10
S271426		1.83	783	3	1.44	62	230	4	2.03	6	21	134	<20	0.36	<10	<10
S271427		4.36	1635	<1	1.34	129	250	<2	0.09	12	29	105	<20	0.47	<10	<10
S271428		1.51	502	<1	3.19	97	380	<2	0.58	5	10	134	<20	0.29	<10	<10
S271429		2.18	603	2	2.90	257	490	2	0.67	<5	14	103	<20	0.41	<10	<10
S271430		1.09	415	6	2.06	193	420	5	0.69	<5	12	98	<20	0.30	<10	<10
S271431		4.12	1450	<1	1.59	121	500	<2	0.06	<5	34	119	<20	0.69	<10	<10
S271432		4.58	1570	<1	1.62	140	540	2	0.05	5	33	116	<20	0.70	<10	<10
S271433		4.51	1505	<1	1.45	131	400	<2	0.03	<5	32	120	<20	0.66	10	<10
S271434		4.80	1555	<1	1.50	158	460	<2	0.07	<5	32	139	<20	0.63	<10	<10
S271435		4.67	1500	<1	1.64	145	240	<2	0.03	<5	24	140	<20	0.61	<10	<10
S271436		1.45	746	1	2.08	44	460	8	0.25	<5	21	157	<20	0.42	<10	<10
S271437		2.50	1070	6	1.13	80	250	6	2.49	<5	27	140	<20	0.40	<10	<10
S271438		4.56	1720	<1	1.50	120	240	2	0.16	16	39	119	<20	0.47	<10	<10
S271439		4.75	1515	<1	1.33	125	250	3	0.07	9	31	88	<20	0.48	<10	<10
S271440		1.29	465	<1	3.06	23	1070	16	0.01	<5	9	870	<20	0.28	<10	<10
S271441		1.68	497	<1	3.19	163	420	2	0.90	<5	10	138	<20	0.32	<10	<10
S271442		1.64	446	7	3.48	197	580	4	0.55	5	15	121	<20	0.42	<10	<10



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Description échantillon	Méthode élément unités LDI	ME-ICP61	ME-ICP61	ME-ICP61
		V ppm 1	W ppm 10	Zn ppm 2
S271411		275	<10	107
S271412		275	10	111
S271413		287	<10	100
S271414		126	10	56
S271415		142	<10	72
S271416		133	<10	49
S271417		128	<10	63
S271418		137	10	57
S271419		126	<10	48
S271420		140	40	289
S271421		228	<10	97
S271422		285	<10	122
S271423		265	<10	101
S271424		260	10	154
S271425		210	10	180
S271426		149	20	79
S271427		234	<10	113
S271428		72	<10	130
S271429		100	<10	186
S271430		90	<10	60
S271431		305	<10	124
S271432		328	<10	127
S271433		298	<10	117
S271434		283	<10	119
S271435		261	<10	112
S271436		132	<10	298
S271437		174	20	98
S271438		240	<10	96
S271439		249	<10	129
S271440		67	<10	65
S271441		69	<10	136
S271442		105	<10	140



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### COMMENTAIRE DE CERTIFICAT

#### ADRESSE DE LABORATOIRE

Applique à la Méthode:

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