Form 43-101F1
Technical Report
Effective Date: May 31, 2021

The Sakami Property, La Grande Subprovince, James Bay Territory, Quebec, NTS 33F07,08,09,10

GENIUS METALS INC.

Camp Sakami on the banks of Lake Sakami, James Bay Territory, Quebec.

Merouane Rachidi, PhD., P. Geo

Michel Boily, PhD., P. Geo

Hugues Guérin-Tremblay, P. Geo

Certificate of Qualification (Merouane Rachidi)

Merouane Rachidi, P.Geo., Ph. D. - GoldMinds Geoservices Inc. 2999 Chemin Sainte-Foy, suite 200, Québec, Qc Canada G1X 1P7.

To accompany the Report entitled: "The Sakami Property, La grande Subprovince, James Bay Territory, Quebec, NTS 33F07, 08, 09, 10" (the "Technical Report") with a signature date of May 31, 2021.

I, Merouane Rachidi P.Geo., Ph. D., do hereby certify that:

a) I am a professional geoscientist, employed as Senior Geologist at GoldMinds Geoservices Inc. - 2999 Chemin Sainte-Foy, suite 200, Québec, Qc, Canada G1X 1P7.
b) This certificate applies to the report titled "The Sakami Property, La Grande Subprovince, James Bay Territory, Quebec, NTS 33F07,08,09,10" dated May 31, 2021
c) I graduated from Laval University in Quebec City (Ph.D. in Geology, 2012). I am a member of good standing of the l'Ordre des Géologues du Québec (Order of Geologists of Quebec license # 1792) a registered member of of APGO registered #2998. My relevant experience includes over 10 years in exploration geology, drilling supervision, 3D orebody modelling, mining and over eight years in mineral resource estimation (NI 43-101).
d) I am a "Qualified Person" for purposes of National Instrument 43-101 (the "Instrument").
e) I do not visit the property of Sakami (see item 12).
f) I am author of the entire technical report.
g) I am independent of GENIUS METALS Inc. as defined by Section 1.5 of the Instrument.
h) I have no prior involvement with the property that are the subject of the Technical Report.
i) I have read NI 43-101, Form 43-101F1 and all the sections of the Technical Report. I certify that this technical Report has been prepared in compliance with that instrument and form.
j) As of the effective date of the Technical Report, May 31, 2021, and to the best of my knowledge, information, and belief, the Technical Report, contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

Signed this 31 day of May 2021, in Québec, Québec.
Effective date: May 31, 2021

Merouane Rachidi P.Geo., Ph.D., (OGQ#1792; APGO #2998)
GoldMinds Geoservices Inc.

Hugues Guérin Tremblay, P. Geo.

Laurentia Exploration Inc.
3434, Rue des Générateurs
Jonquière (Qc)
G7X 0M1
hugues.gt@laurentiaexploration.com

Certificate of qualification

To accompany the report entitled:

"**The Sakami Property, La Grande Subprovince, James Bay Territory, Quebec, NTS 33F07, 08, 09, 10** presented to *Genius Metals* (Genius), dated May 31st, 2021;

I, **Hugues Guérin Tremblay**, P. Geo., do hereby certify that:

1) I am the President of *Laurentia Exploration inc.*;

2) I am qualified to perform tasks related to the field of geology and earth sciences, having obtained a Bachelor's in Geology in 2011 from the *Université du Québec à Chicoutimi* (UQAC);

3) I am duly registered with the *Ordres des Géologues du Québec* (OGQ) as a geologist, member #1584;

4) I am a member of the Quebec Mineral Exploration Association (AEMQ) and the Prospectors and Developers Association of Canada (PDAC);

5) I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101;

6) I'm not independent of the issuer Genius Metals and the Sakami property applying all of the tests in section 1.5 of National Instrument 43-101

7) I have been practicing my profession for 10 years since my graduation;

8) I have field experience with geological mapping, prospecting, sampling, drill core logging, compiling and interpreting data for base metals and gold in the Superior Province, especially in the La Grande, Ashuanipi, Opinaca and Abitibi subprovinces. I have similar experience with industrial minerals in the Grenville Province, especially with magmatic iron-titanium oxide and apatite deposits related to anorthosite complexes. During my career, I have been involved in all aspects related to exploration and definition work such as planning, staff supervision (geologists, engineers, technicians, etc.), implementation and budget management. I also wrote numerous technical reports for base metal, gold and industrial mineral projects. I oversaw the implementation of geological, geotechnical and hydrogeological work, the logistic and the work team during pre-feasibility and feasibility studies on the apatite Lac à Paul project (*Arianne Phosphate inc.*) in the Lac-Saint-Jean Anorthosite Complex. Finally, I designed the 3D geological modal of the Lac à Paul deposit and participated in resource estimate on this project;

9) During the summer of 2020, I was involved on the Sakami field program during 3 weeks and I supervised the entire 2020 program (summer and fall);

10) I contributed to the writing of the section entitled "ITEM 9 EXPLORATION" of this report;

11) I am neither aware of any material fact or change with respect to the subject matter of this report that is not disclosed in it, nor of any failure to disclose material that could make this report misleading.

Hugues Guérin Tremblay, P. Geo.
OGQ #1584

GÉOLOGUE / GEOLOGIST
HUGUES G.T. # 1584
QUÉBEC

CERTIFICATE OF QUALIFICATIONS
DATE AND SIGNATURE

I, Michel Boily, Ph.D., P. Geo. HEREBY CERTIFY THAT:

I am a Canadian citizen residing at 2121 de Romagne, Laval, Québec, Canada. I obtained a PhD. in geology from the Université de Montréal in 1988.I am a registered Professional Geologist in good standing with l'Ordre des Géologues du Québec (OGQ; permit # 1097). I have praticed the profession of geologist for the last 44 years.

I had the following work experience:

From 1986 to 1987: Research Associate in Cosmochemistry at the **University of Chicago**, Chicago, Illinois, USA.

From 1988 to 1992: Researcher at **IREM-MERI/McGill University,** Montréal, Québec as a coordinator and scientific investigator in the high technology metals project undertaken in the Abitibi greenstone belt and Labrador.

From 1992 to present: Geology consultant with **Geon Ltée,** Montréal, Québec. Consultant for several mining companies. I participated, as a geochemist, in two of the most important geological and metallogenic studies accomplished by the Ministère des Richesses naturelles du Québec (MRNQ) in the James Bay area and the Far North of Québec (1998-2005). I am a specialist of granitoid-hosted precious and rare metal deposits and of the stratigraphy and geochemistry of Archean greenstone belts.

I have gathered field experience in the following regions : James Bay, Quebec; Strange Lake, Labrador/Quebec; Val d'Or and Rouyn-Noranda, Quebec; Grenville (Saguenay and Gatineau area); Cadillac, Quebec; Otish Mountains, Quebec, Lower North Shore, Quebec, Sinaloa, Sonora and Chihuahua states, Mexico, Marrakech and Ouarzazate, Morocco, San Juan, Argentina and Nicaragua

I am the co-author of the 43-101F1 Technical Report entitled : "The Sakami Property, La Grande Subprovince, James Bay Territory, Quebec, NTS 33F07,08,09,10" written for GENIUS METALS INC. with an effective date of May 31st, 2021.

As of the date of the certificate, to the best of my knowledge, information and belief, this Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" (QP) for the purposes of NI 43-101. However, I am not an independent Qualified Person according to Companion Policy 43-101CP to National Instrument 43-101

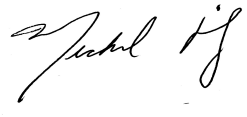
The Qualified Person, Michel Boily, has written this report.

I read the National Instrument 43-101 Standards of Disclosure for Mineral Projects (the "Instrument") and the report fully complies with the Instrument.

I am not aware of any relevant fact which would interfere with my judgment regarding the preparation of this technical report.

I have not visited the Sakami property.

As of the effective date of May 31st, 2021, to the best of my knowledge, information and belief, this technical report contains all scientific and technical information that is required to be disclosed to make the report not misleading.



Michel Boily, PhD., Geo.
Dated at Montréal, Qc
May 31st, 2021

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ITEM 1 SUMMARY

Strategically located between the Zone 32 (Osisko Development) and the La Pointe (Quebec Precious Metals) gold prospects in the James Bay Territory of Quebec, the Sakami property recently became known with the discovery of three new gold-bearing polymetalllic prospects. For instance, significant gold values are associated with a 1.4 km NE-SW-oriented deformation corridor characterized by strongly altered metasedimentary and metavolcanic rocks. The prospective corridor is related to high magnetic values and chargeability anomalies.

The Sakami property, located in the James Bay Territory of the Province of Quebec, straddles the structural contact between the Opinaca and La Grande Archean subprovinces. The property consists of 399 contiguous mineral claims, 100%-owned by Genius Metals, totaling 205.2 km^2. Access to the property is by a boat ride on Lake Sakami or by floatplane/helicopter.

The La Grande subprovince is an EW-oriented Archean volcano-plutonic assemblage composed of an ancient tonalitic basement (Langelier Complex), several westward-younging volcano-sedimentary greenstone belts (Yasinski and Guyer groups) and of multiple ultramafic to felsic intrusions, whereas the Opinaca Subprovince exposes several injections of white pink monzogranites and pegmatitic monzogranites in a vast assemblage of metamorphosed sediments assigned to the Laguiche Group.

Exploration work completed by Genius Metals from 2019-2021 on the Sakami property consisted of a heliborne Mag and TDEM survey and three more limited geophysical surveys. An IP and MAG ground-based survey centered on the Sakami Lake base camp was completed in 2019. In 2021, a high-resolution drone Mag survey followed by a ground-based IP resistivity survey targeted a gold-prospective terrane associated with the Lamarche prospect. A series of field campaigns were conducted from 2019 to 2020

on the entire property, and included prospecting, geological mapping, overburden stripping/trenching, and grab rock accompanied by channel sampling.

The 3D Magnetization Vector Inversion of the drone survey data flown over the Lamarche gold prospect revealed anomalous targets/bodies characterized by relatively high magnetic susceptibilities with filtered magnetic lineaments showing a principal NE-SW- oriented structural trend. Contour maps generated from the IP survey 2D inversion process indicated an anomalous polarizable horizon oriented N30º and crossing the center of the grid. In many instances, the central chargeability anomaly coincides with high MAG valuess. The origin of some of these anomalies are probably partially linked to disseminated/sulphide rich mineralization developed along faults and/or altered geological contacts in association with quartz/carbonate veining.

The Lamarche prospect forms a 500 x 350 m shear zone/deformation corridor expressed as an altered polymetallic shear containing veins and/or disseminated pyrite, pyrrhotite, chalcopyrite, sphalerite, and galena within fine-grained chlorite-biotite metasediments. 13 rock samples carry concentrations of Ag > 10 g/t (11-712 g/t), whereas 40 samples provided assays > 1000 ppm Zn (1070 ppm to 8.42 %). The first exploration phase yielded a grab sample value of 13 g/t Au with other samples ranging from 0.8 to 1.8 g/t Au. These auriferous values were accompanied by silver and base metals concentrations varying from 39-266 g/t Ag, 0.47 % Cu, 1.0-19.2 % Zn and 0.80-5.56 % Pb. Channel sampling completed during the second phase produced the following intervals: 1.71 g/t Au, 3.4 g/t Ag and 0.4 % Zn over 1.0 m ; 1.01 g/t Au, 28.5 g/t Ag and 3.76 % Zn over 1.4 m and, 0.26 g/t Au, 2.9 g/t Ag, 0.58 % Zn over 3.4 m.

Mineralization at the GoldenEye prospect consists of rusty bands rich in pyrite and/or pyrrhotite ± chalcopyrite within basalt-andesite/amphibolitic flows intruded by felsic intrusive rocks. Channel sampling yielded values of 1.02 g/t Au over 4.1 m , 0.67 g/t Au over 2.0 m (including 1.02 g/t Au over 1m.) and 0.52 g/t Au over 3.0 m. (including 1.10 g/t over 1.0 m.). The channel samples gold concentrations data correspond with those obtained

during the first exploration phase which produced gold values ranging from 0.64 to 2.55 g/t Au.

The Trans-Taiga showing exposes strongly sheared granitoids (tonalite/granodiorite) within the Langelier Complex basement. The gold mineralization is contained within the granitoids, pyrite-bearing quartz veins and in pyrite stringers. Preliminary gold assays from grab samples collected along a 10 m SW-NW striking zone yielded values of 2.63, 1.87, 1.56 and 0.29 g/t Au, respectively.

Geological and structural mapping, followed by rock sampling are recommended to search for extensions of the three mineralized sites. The Lamarche and GoldenEye prospects will beneficiate from further overburden stripping and thorough investigation for unearthing new outcrops (Phase I). Field exploration should be followed by a 3000 m exploration drilling campaign focused on the Lamarche and GoldenEye prospects and their extensions. Phase I of exploration is estimated at $219,835, whereas Phase II is expected to cost $748,590.

ITEM 2 INTRODUCTION AND TERMS OF REFERENCE

In April 2021, Genius Metals Inc. mandated Merouane Rachidi (P. Geo), Michel Boily (P. Geo) and Hugues Guérin-Tremblay (P. Geo) to write a 43-101F1 Technical Report on the Sakami property located in the James Bay Territory of Quebec, Canada. The Sakami property 100%-owned by Genius Metals Inc.constitutes a property. The purpose of this report is to fulfill part of the requirements for going public on the TSXVenture Exchange (TSXV). The document describes the geological, structural and metallogical characteristics of the property and summarize recent exploration work carried out from 2019 to 2021. This report also complies with the TSXV regulatory requirements and follows the guidelines and framework defined in the Form 43-101-F1 pertaining to National Instrument 43-101 “Standards of Disclosure for Mineral Projects”. Finally, the report will support the technical disclosures by Genius Metals Inc. in its Annual Information Form. The study is based on in-house reports and documents obtained from Genius Metals and Laurentia Exploration and other documents (assessment reports and geological reports) and maps

acquired from the Ministère de l'Énergie et des Richesses naturelles du Québec SIGEOM website. The majority of these reports were prepared after the implementation of NI 43-101 norms and for the most part followed the accepted rules and procedures. The authors believe the information provided in these reports is verifiable in the field and portrays a reasonable representation of the mineralization.
The authors have also reviewed the claim titles forming the Sakami property owned by Genius Metals Inc. All claims are in good standing . The authors do not accept any responsibility for errors pertaining to this information. The list of claims forming the property is presented in Appendix 1.

Units presented in this report use the metric system. Precious metal concentrations are given in grams of metal per metric ton (g/t) or in parts per million metal (ppm). Tonnage figures are in dry metric tons unless otherwise stated. Currency units used are the Canadian Dollar ($CAD). The weight and the measurement which are used in the course of this study are in conformity with the nomenclature of the international system (IS).
The persistence of curfews and restrictions brought by the COVID 19 pandemic and the no-fly zone pertaining to the Goose Break Holiday observed by the Cree Nation in Northern Quebec prevent the visit of the property until June 2021. The inspection will include a review of the geology and structure of the main explored areas and a verification of recent exploration work carried out from 2019 to 2020 by Genius Metals.

ITEM 3 RELIANCE ON OTHER EXPERTS

The authors have not relied upon the Issuer or some other source for legal, political, environmental or tax matters relevant to the technical report.

ITEM 4 PROPERTY DESCRIPTION AND LOCATION

The Sakami property is located in the James Bay Territory of the Province of Quebec and contained within NTS sheets 33F06, 07, 08 ,09 and 10;Figures 1, 2 and 3). The core of the property claims is located 14 km directly south of the Trans-Taiga Road, a 765 km

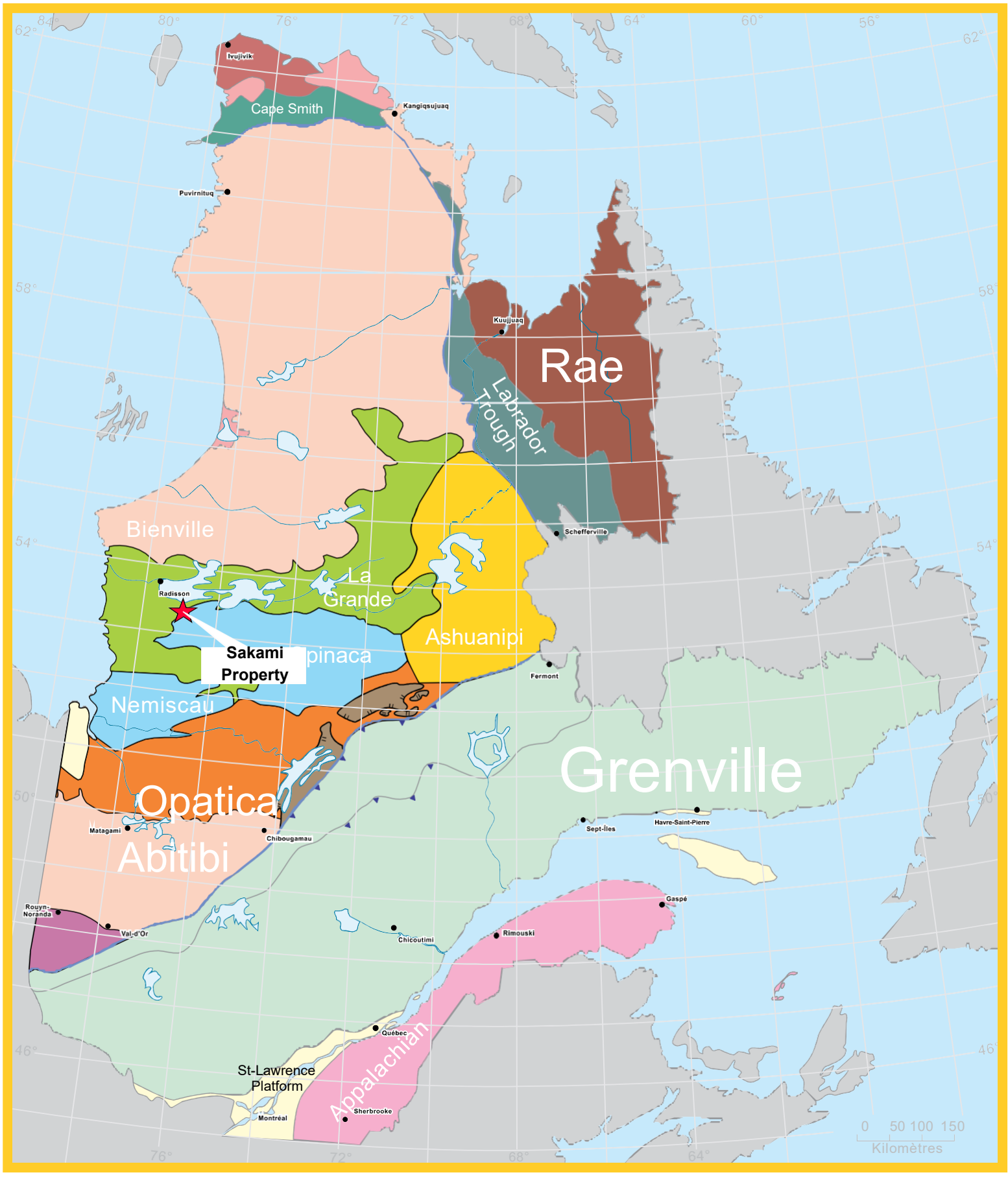

Figure 1. Geological map of the Québec province illustrating the different geological provinces and subprovinces and the localization of the Sakami Property.

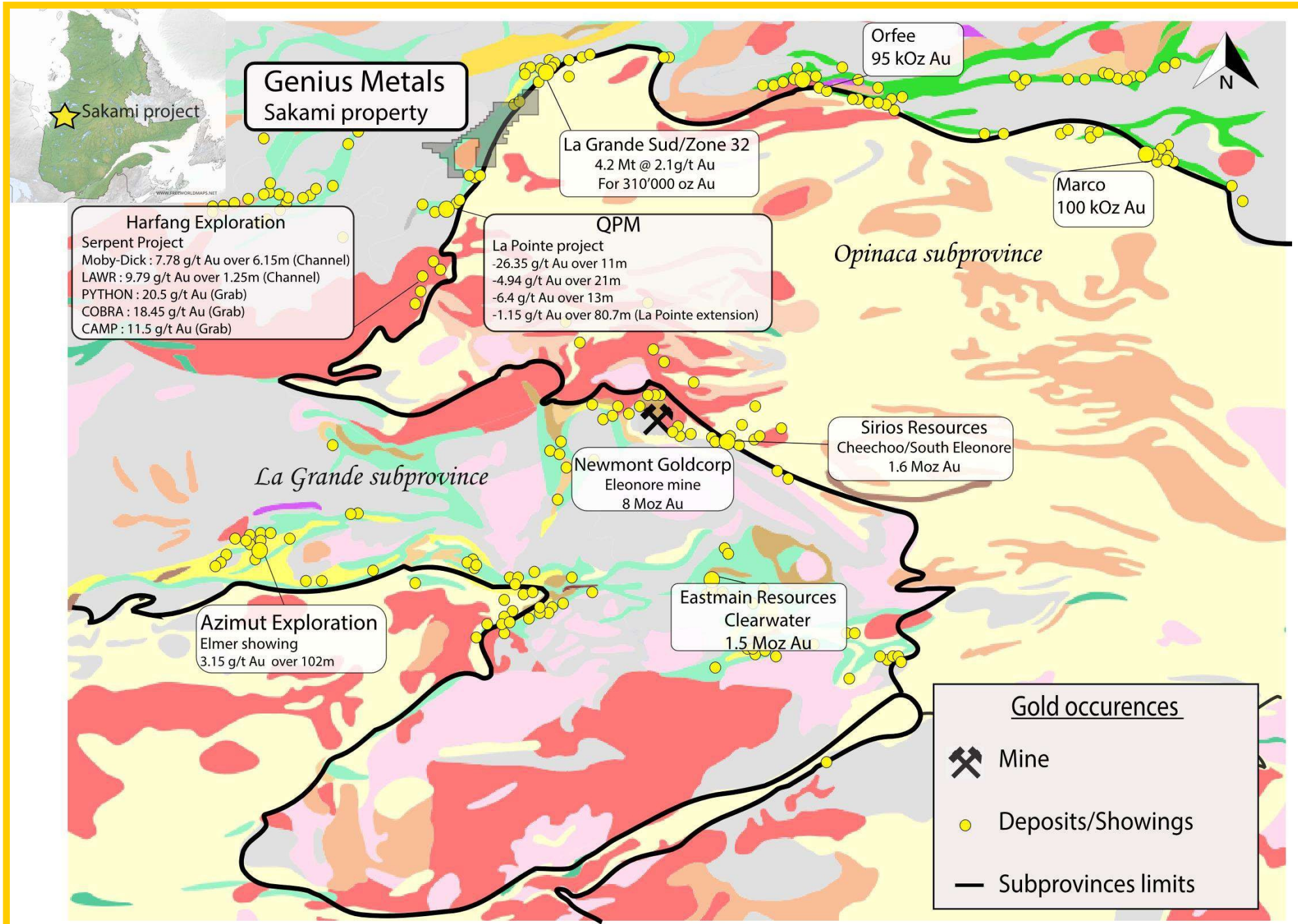

Figure 2. Geology of the James Bay Territory showing the position of Genius Metals Sakami property. The localization of discovered gold and base metals deposits/showings are reported on the map accompanied by the highlights of the principal exploration projects.

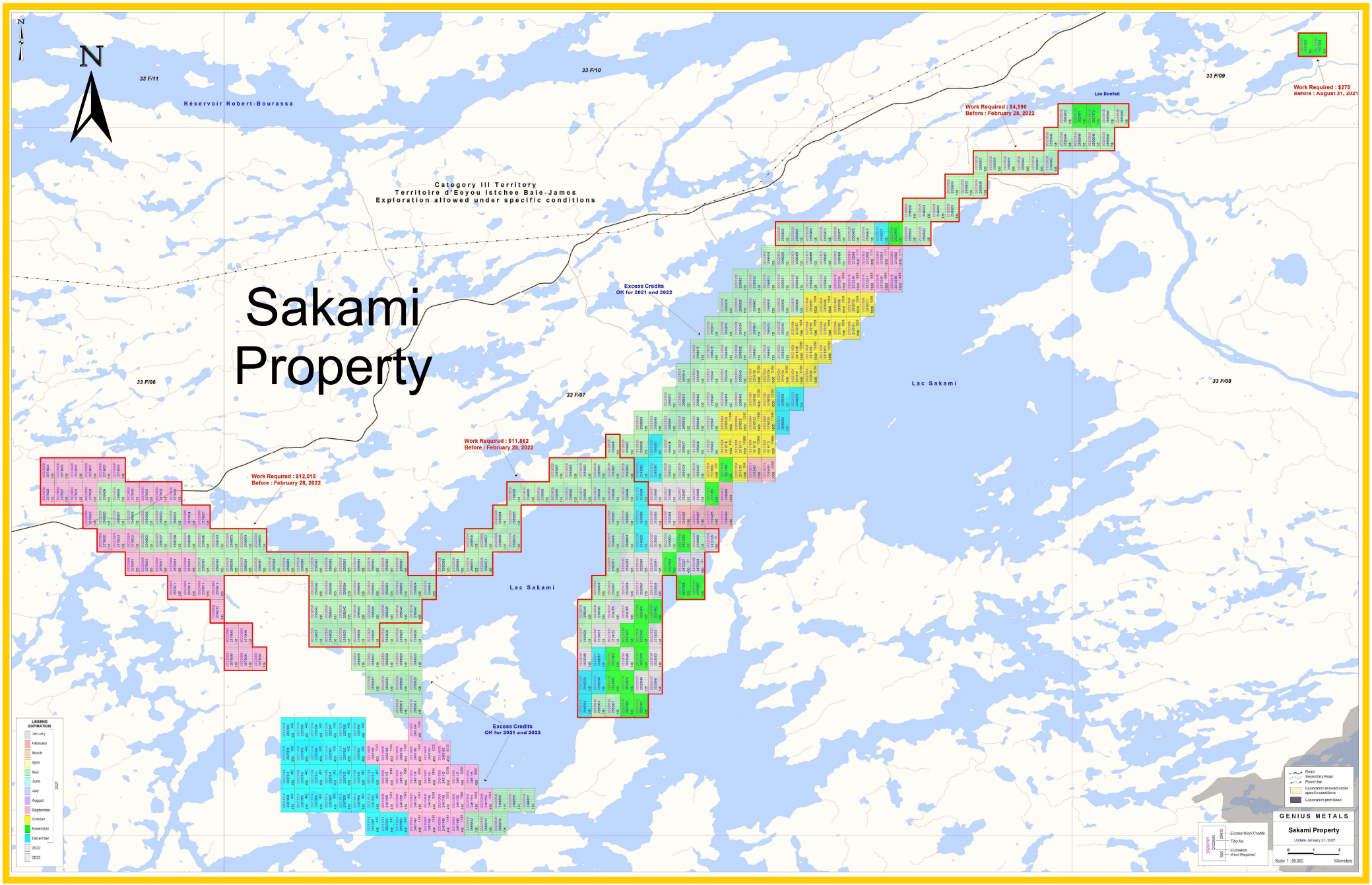

Figure 3. Description and claims localization, Sakami property, James Bay Territory.

gravel road linking the James Bay Road to the Caniapiscau Reservoir in the extreme east of the James Bay Territory. Radisson (pop. 350) is 75 km as crows fly from the property. The latter overlies island and shore areas of the northeastern Sakami Reservoir (Figure 3). It consists of 399 contiguous mineral claims totaling 20,520 ha or 205.2 km^2 (Appendix 1). The claims are 100% owned by Genius Metals Inc. The center of the property is at 383887mE and 5915846mN (NAD83; Zone 18N) or 53°22'44'' Lat. North and -76°44'44'' Long. West. The Sakami property was staked through the GESTIM website run by the Ministère de l'Énergie et des Ressources naturelles du Québec by Mr. Luc Lamarche on behalf of Abalor Minerals Inc and later by Genius Metals. UTM coordinates and grid contours on the geological maps are extracted from the information given on the GESTIM website.

According to Quebec government records, no part of the land covered by the property is a park or mineral reserve. The property is devoid of royalties, back in rights, payments, or other encumbrances. The Issuer does hold the claim titles of the Sakami property. The Sakami property is not subject to environmental liabilities except for those specified in the "Loi sur les Mines" (L.R.Q. chapter M-13.1). Mining exploration is currently permitted on the entire surface.

However, exploration on all claims falls under restriction no. 36880 which stipulates that a claim titleholder is invited to communicate with the Regional Government and the Cree Nation Government under the EGEI BJ law (Entente sur la gouvernance dans le territoire d'Eeyou Istchee Baie James). Other claims fall under restriction no. 11642 which specifies some track of land may be reserved for the development of hydroelectric resources by the Quebec government. There are no other significant factors and risks that may affect access, title, or the right or ability to perform work on the property. The authors are unaware of environmental liabilities, public hazards or any other liabilities associated with the property.

The new mining act of Québec requires a claim holder to notify the local municipality, the landowner, the State lessee, and the holder of an exclusive lease to mine surface

mineral substances of the claim obtained, within 60 days after registering the claim in the register of real and immovable mining rights, and in the manner determined by regulation. A claim holder also needs to notify the local municipality and the owner of the land on which the claim is situated of the work that will be carried out, at least 30 days before the work begins.

The new mining act of Quebec allows a company or an individual to hold a claim up to a period of two years before renewal. The claim renewal fee is $156 per claim located north of 52° Lat and having an area > 50 ha. The owner also must spend a minimum of $135 to $2500 depending on the number of validity periods (1 to 7 years) of each claim having an area > 45 ha. The amount needs to be spent on exploration work (i.e., geological mapping, geophysical survey, drilling…) for the claim to remain in good standing. The renewal must be forwarded to the Quebec government, at a cost, 60 days before the claim expiration date. The renewal is obtained only if the exploration expenses satisfy all the requirements demanded by the Ministère de l'Énergie et des Ressources Naturelles du Québec.

Since the Issuer property is located on Crown Land, the Issuer is allowed legal access to all parts of the land staked and is provided surface rights to conduct exploration work year-round. The claims owned by the Issuer are currently valid and in good standing. The claim expiring dates range from December 2021 to October 2022. Permitting from the Quebec Government to conduct overburden stripping and drilling is in the process of being obtained. There are no other significant factors and risks that may affect access, title, or the right or ability to perform work on the Sakami property.

ITEM 5 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

5.1- Accessibility

Genius Metals refurbished the Lake Sakami camp built on the banks of a causeway dividing a large peninsula at the core of the Lake Sakami (Figure 4). Access to the camp site is via the Trans-Taiga road which intersects the NS- oriented main James-Bay road at km 544. Driving east for 56 km on the Trans-Taiga road we turn south on a dirt road for 1.5 km to the Sakami Lake pier. A 6 km boat ride to the south brings us to the camp. The property is also accessible via helicopter or float plane from the Radisson airport or from the small LG2 airport located near the Trans-Taiga Road.

5.2- Climate

The James Bay area is characterized by a continental climate. Summers (Early June to late August) are very short but temperate with average maxima and minima of 20.0°C and 7.4°C (July). Winter is harsh and starts in September and last until May, with extensive snow precipitations (267 cm) from October to May. Average temperatures reach -28.5°C (min) and -18.3°C (max) in January.

5.3- Flora and Fauna

The vegetation, adapted to the harsh climate, typifies the Taiga forest where the trees are sparse and small. The cover is quite irregular and may vary from heavily to low-forested. The dominant species are black spruce and jack pine, but larch, birch, aspen and tamarack are also present. Alders grow abundantly near lake shores. The ground is covered by pale green lichen commonly called reindeer moss that is highly inflammable during the dry season. Mammals roving this harsh ecosystem include the lynx, beaver, otter, muskrat, marten, black bear, caribou, moose, and wolf. There is a sizable population of seagulls, partridges, geese, black ducks, blue jays, loons, and sparrows. Pike and walleye abound in the lakes and streams, whereas speckled trout is found only in small lakes where there are no pike and walleye.

5.4- Local Resources and Infrastructures

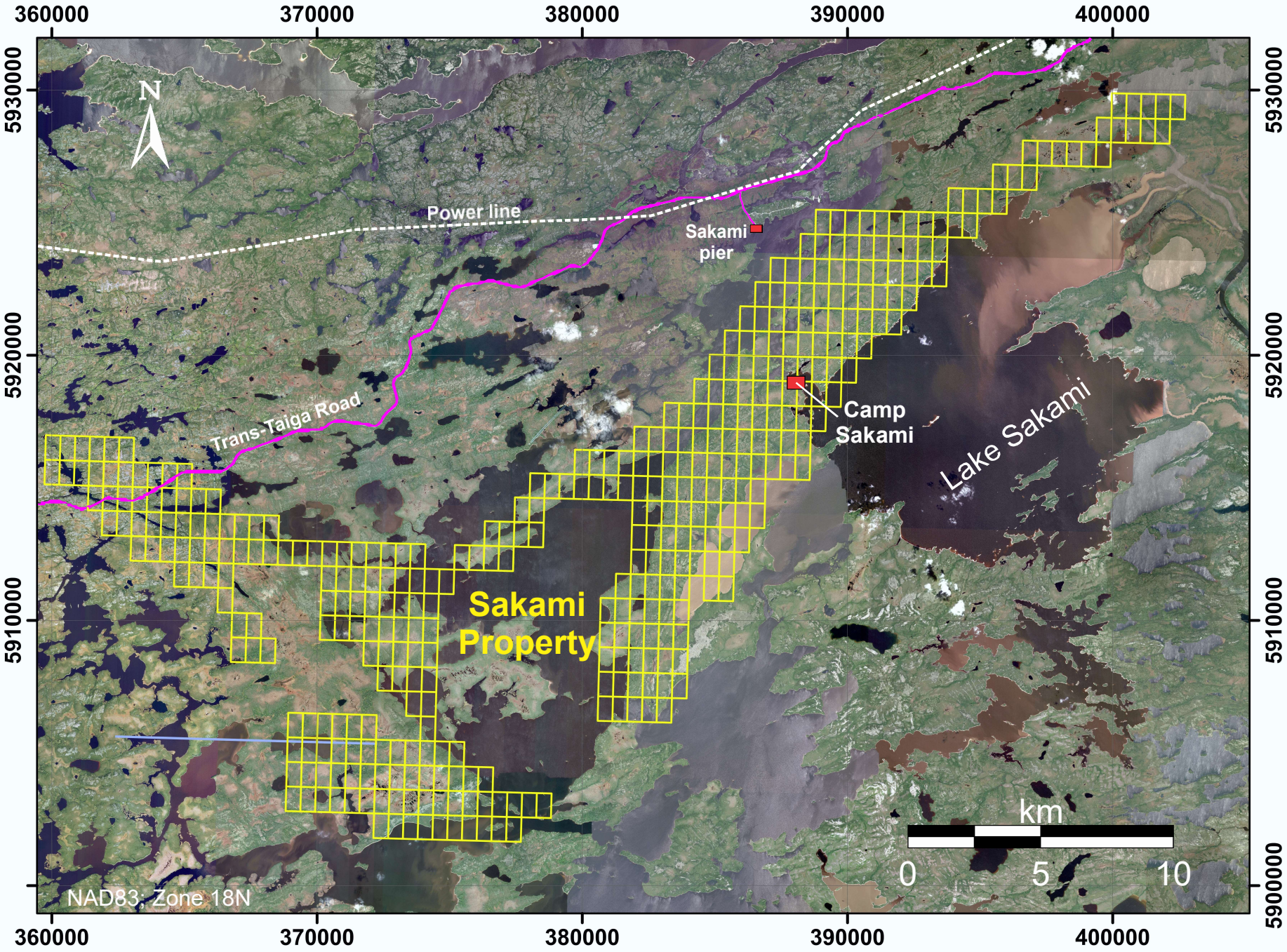

Figure 4. Satellite imagery of the Sakami property showing the localization of the Sakami camp and Sakami pier, James Bay Territory

The major infrastructures of the James Bay Territory consist of a string of dams, water reservoirs, dikes, and hydroelectric power plants (LG1 to LG4) distributed in an EW-direction from the main LG2 site near Radisson to the eastern Caniapiscau Reservoir. The Trans-Taiga road is the lifeline to the sparsely populated area and is a vital link to the hydropower centrals. Radisson is a small village with a regional airport nearby with access to the major cities of Montreal and Quebec, 1600 km to the south. There are very little resources in the area. However, Radisson offers several services, including lodging, food, gas, hospital, car, and truck rental. Manpower and expertise to conduct any exploration campaign have to be brought from Val d'Or, Rouyn-Noranda, or Matagami. Water for drilling can be obtained from the numerous streams and lakes scattered throughout the property including from Lake Sakami. A Hydro-Quebec 720 kv power line runs EW just north of the Trans-Taiga Road from the LG-3 generating station to the distribution center along the James-Bay Road. The line is roughly 20 km as crows fly from the core of the Sakami property.

5.5- Physiography

The geomorphology of the region is dominated by glacial features and by a multitude of lakes and swamps. The direction of the ice movements determined by glacial striae, glacial grooves, and eskers, was mainly SW to WSW. Moraines trending N to NNW are conspicuous and form ridges spaced at 100 to 300 m intervals. Eskers are common in low-lying areas occupied by volcanosedimentary rocks and areas with extensive glacial deposits. The topography is not accentuated but can be mountainous in regions occupied by the Proterozoic Sakami Formation. The terrane rises gradually to the east to reach 245 m ASL. In the areas occupied by granitic and volcanic rocks the glacial cover is very thin, whereas in the areas occupied by volcanosedimentary rocks and migmatites, the glacial cover is thicker and more extensive. Sand and clay deposits are common along rivers and lakes. There are numerous clay deposits along La Grande River and glacial, fluvio-glacial, lacustrine, and fluvial deposits, swamps and string-bogs cover extensive areas (Sharma, 1977). The area belongs to the La Grande River hydrographic basin. The Sakami Lake waters empty to the north into the La Grande Reservoir (Robert-Bourassa

Reservoir) which drains westward into the La Grande River which in turn flows into James Bay.

There are no mineral resources or mineral reserves on the Sakami property according to the 2005 CIM Definition Standards. There are no existing mine workings, tailing ponds, waste deposits and important natural features and improvements relative to the outside property boundaries. However, the property contains mineralized zones manifested by stripped outcrops, small pits and/or trenches and blasted zones. There is sufficient unused land within both Sakami claim block for waste and tailing disposal and the construction of a mine and milling installations.

The optimum length of the operating season in the James Bay Territory ranges from Late-June to Mid-October, when mining companies usually conduct their field work such as geological mapping, drilling, overburden stripping/trenching, soil survey and sampling. However, airborne, and ground-based geophysical surveys and drilling can be carried out year long, except for radiometric surveys.

ITEM 6 HISTORY

1940-1979- The first systematic geological work in the Lake Sakami area was led by the Geological Survey of Canada in the 1950's and 1960's and generated a 1:506,880 scale geological map (Eade et al., 1957; Eade, 1966). Eade (1966) described several types of orthogneiss in the Bienville subprovince adjacent to a band of metavolcanic and metasediments exposed along the La Grande River. The southern Lake Sakami sector was subjected to magnetic and electromagnetic surveys conducted for Zulapa Mining Corporation and Godfrey, Clarke, and St-Mary's Exploration (Boniwell, 1965a, 1965b, 1965c). In the 1960’s and 1970’s, the MRNQ completed a systematic mapping campaign covering the regions of the La Grande River hydrographic system before the LG-2 and LG-3 reservoirs were progressively filled in the late 1970’s. This resulted in several reports and maps (1:63,350 scale) (Mills, 1965, 1967, 1973, 1974; Sharma, 1977). Mining companies, notably the Groupe Minier SES (with the SDBJ) carried out several

exploration campaigns in the La Grande River basin including geophysical surveys, geochemical sampling, prospection, mapping, and drilling, looking for uranium prospects (Dupuis et al., 1976; Caron and Fouques, 1979; Schumacher and Fouques, 1979).

1980-1985- St-Seymour (1982) highlighted the stratigraphy of komatiitic flows in the Lac Guyer sector (near the LG-3 Reservoir) and completed geochemical and petrogenetic studies of the volcanic rocks (St-Seymour et al., 1983; St-Seymour and Francis, 1988). Skulski et al. (1984) and Skulski (1985) studied a sector of the La Grande Greenstone Belt in the vicinity of the LG-3 Reservoir and incorporated a mapping survey followed by petrography and geochemical work.

1986-1998- Resurgence in exploration by Phelps Dodge, Virginia Gold Mines, Barrick Corporation and Exploration Boréale lead to the discovery of Au, Cu and Zn showings in Archean metavolcanic rocks (Osborne, 1995; Desbiens, 1996; Masson, 1996; Girard, 1996; De Chavigny, 1998; Simard, 1999).

1998-1999-Luc Lamarche and Jean-Raymond Lavallée collected four rock samples located on the southwest shore of Sakami Lake. Chemical analyses yielded gold values of 1.92 g/t, 2.41 g/t, 6.06 g/t and 8.94 g/t respectively (Lamarche and Lavallée, 1998). The outcrops were stripped of the overburden in 1999 and a series of channel rock samples confirmed the high background gold values of the volcanosedimentary rocks (300 to 2000 ppb Au). Best values obtained were: Zone 23; 1.87g/t Au over 9.7m; Zone 26; 1.72g/t Au over 20.8m and 2.01g/t over 3.0 m.

The GSC completed a geological compilation of a large sector of the James Bay Territory accompanied by a lithogeochemical study of the Bienville subprovince lithologies (Ciesielski, 1998, 1999). A metallogenic study of the 33F NTS sheet was carried out under the Moyen-Nord program put forward by the Ministère de l'Énergie et des Resources Naturelles du Québec (Gauthier, 1996; Gauthier et al., 1997). Following these studies, the Quebec ministry initiated a detailed geological mapping program of the La Grande subprovince at

a 1:50,000 scale that included NTS sheets 33F/03 to 06, 33F11 and 33F12. NTS sheet 33F07 was also mapped in detail (Goutier et al., 2000).

The bulk of past exploration work was performed by several consulting companies on behalf of Matamec Explorations Inc. The limits of the former Sakami property straddle in large part the boundaries of the Genius Metals claims.

2001- Gestion Minière Explorer completed a magnetic survey on Matamec Explorations Inc.'s Sakami property within a 75 km grid (Couture, 2001; GM58648). The ground-based survey revealed large variations of the TMI (Total Magnetic Intensity). The magnetic grain is oriented ENE parallel to the strike of the principal lithological assemblages of the region.

Reconnaissance geological mapping accompanied by prospecting was done by geologists from the Gestion Minière Explorer Company. This lead to the discovery of several pyrite and arsenopyrite-rich zones (Digonnet, 2001; GM59019). The Matamec JR showing revealed a sequence of folded massive basaltic flows containing several pyrite-rich, rusty layers and pods. Best gold values obtained for the channel samples are: 5.47 g/t, 1.83 g/t and 1.53 g/t (Channel #1) and 2.13 g/t (Channel # 2).

During the 2001 winter, a 32. 6 km NW/SE-oriented grid line was established on the Matamec Sakami property. IP/Resistivy and magnetic surveys were carried out by Géophysique TMC Inc. (Boileau, 2001; GM59601). In total, 71.1 km of lines were used for the ground-based magnetic survey, whereas the IP/resistivity survey was completed on 9.5 km of line. The IP/Resistivity survey emphasized three main NE-SW-oriented anomalous zones.

2002- The 2002 winter exploration campaign consisted of line cutting, ground-based geophysical surveys and a drilling program (N'Dah, 2004: GM60822). The exploration covered the Peninsula and JR sectors. N'Dah (2004; GM60822) reports a series of 9 drillholes totaling 1239 m in the Peninsula and JR sectors. Three areas of the Sakami

property were investigated: JR, Île and Sipanikaw. Work consisted of systematic traverses each 100 m apart, geological mapping at 1:5,000 scale, collection of rock samples from mineralized or altered outcrops. Several iron formations were discovered (Lavallée, 2003: GM60046). Rock sampling of the JR sector provided 25 Au assay values > 100 ppb, with one concentration reaching 9.6 g/t. Three other samples from this layer yielded: 4.53 g/t Au, 8.60 g/t Au and 6.83 g/t Au. One DDH sunk on an IP-mag anomaly present over the JR showing yielded an intersection of 1.43 g/t over 13.05 m. In the Sipanikaw-North sector, which is included in the perimeter of the Genius Metals property, two interesting zones were recognized by Lavallée (2003; GM60046). The first one is a mylonitized and sheared zone containing 6-7% pyrite-pyrrhotite with traces of chalcopyrite. Best gold values obtained were: 639, 115 and 857 ppb, respectively. The second zone located 4.5 km north is a quartz vein containing pyrite and chalcopyrite and yielding 757 ppb Au. Other samples collected from the same zone and associated with a mylonitized corridor showed a maximum gold content of 723 ppb. In the Sipanikaw South sector only five samples gave Au concentrations > 100 ppb.

2011-2012- Abalor Minerals Inc. built two bush camps on the banks of Sakami Lake from which prospectors, line cutters and geologists could reach the exploration sites Survey lines were cut out in the Northern Section (Sipanikaw) prior to the rock sampling survey. Grab rock samples were collected from the northern grid and lithologies of the southwestern claim block were also sampled. Diverse lithologies, mostly showing signs of alteration and/or mineralization were gathered. The most common types are mylonitic or sheared schists and volcanic rocks showing sericitization, tourmalinitization, oxidation, silicification or brecciation (Boily, 2013a,c). Quartz veins in shear or mylonitic zones were also collected. Commonly, the mineralized zones contain by decreasing abundance: pyrite (1-15 %), chalcopyrite, arsenopyrite and bornite. The volcanic rocks encountered are basaltic to rhyolitic in composition.

Gold mineralized samples with values greater than 100 ppb occurred principally in sheared or mylonitized hydrothermally altered (pyritized, sericitized) metavolcanic rocks. Humus samples were collected on gridlines established on an eastern peninsula jutting in

the Lake Sakami within the southwestern block of claims. The humus data indicated more than 76% of all samples (395) are at or below the detection limit for gold assays (< 0.005 g/t) (Boily, 2013b).

2017- Refurbishing the Sakami South Block grid by Genius Metals (formerly Genius Properties). A ground-based IP survey was completed by Geosig Inc, accompanied by magnetometric and VLF surveys (Tshimbalanga, 2017). The Total Magnetic Intensity (TMI) contour map highlights two principal zones of magnetic susceptibility, with the southwestern portion of the grid presenting a higher magnetic susceptibility relative to the northeast sector. Most of the IP and VLF anomalous zones are characterized by increases in chargeability while others display low values. IP anomalies may correspond to zones of disseminated polarized material that are weakly or non-conductive.

A humus survey was carried out with a total of 34 samples gathered from the field. The gold values range from <0.2 ppb to 0.9 ppb which are very low concentrations pointing toward a lack of a subterranean gold-rich protolith. A MMI survey on the same samples clearly show the absence of anomalous values for precious and base metals or for any indicator element of gold mineralization (Boily, 2018).

ITEM 7 GEOLOGICAL SETTING AND MINERALIZATION

7.1- The La Grande Subprovince

The La Grande Subprovince is an Archean volcanoplutonic assemblage composed of an ancient tonalitic basement (2.79-3.36 Ga), several westward-younging volcanosedimentary assemblages and of multiple ultramafic to felsic intrusions (Card and Ciesielski, 1986; Goutier et al., 2002) (Figure 5). It is limited to the south by the Opinaca subprovince, formed by metasedimentary and plutonic rocks comparable to that exposed in the English River and Quetico subprovinces of Ontario (Card and Ciesielski, 1986). The northern boundary of the La Grande subprovince is defined by the Bienville subprovince which is composed of voluminous hornblende-biotite TTG (Tonalite-

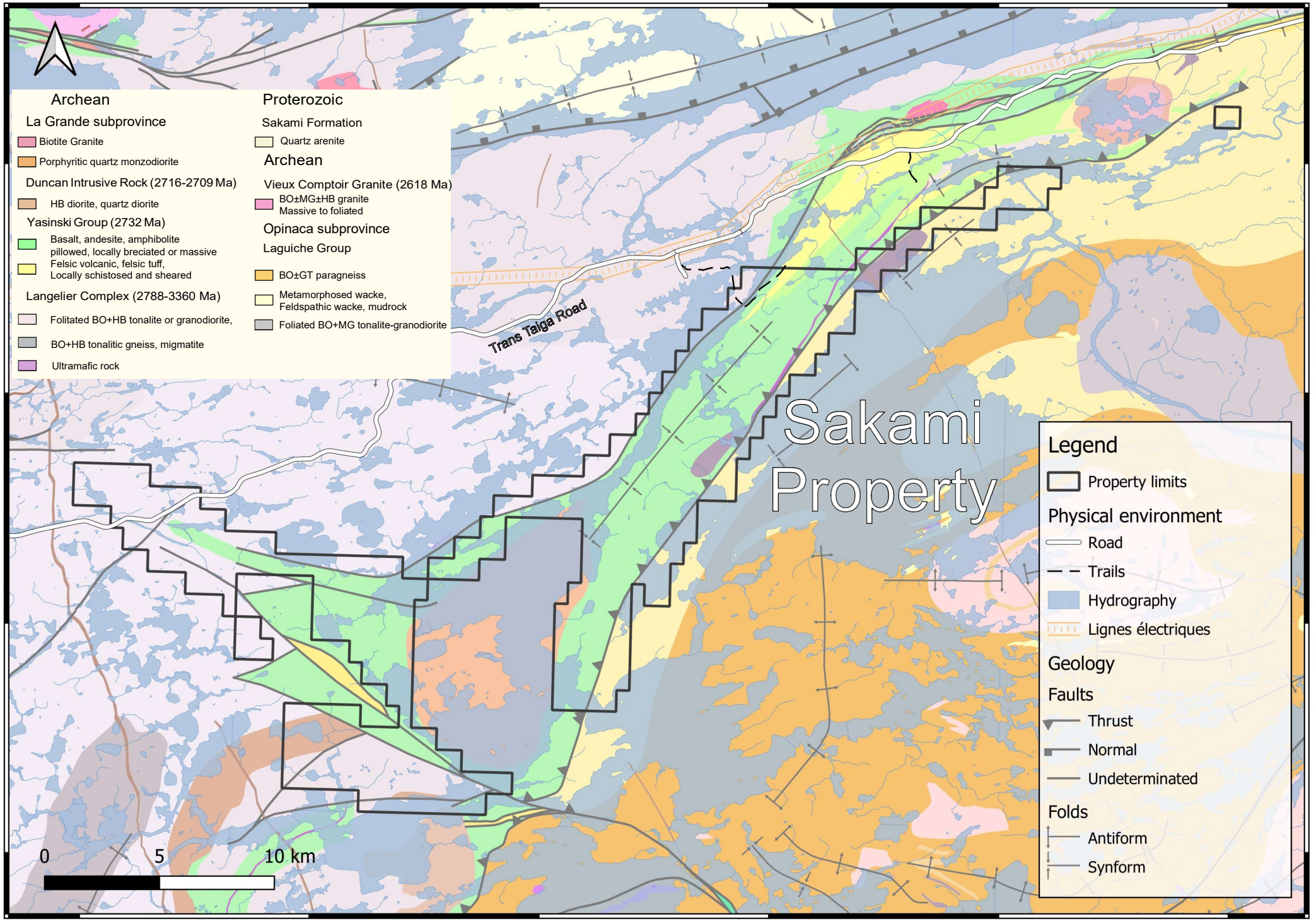

Figure 5. Geology of the Sakami property, James Bay Territory, Quebec.

Trondhjemite-Granodiorite), granite-granodiorite plutonic suites and their pyroxene-bearing equivalents (ca. 2.74-2.69 Ga) (Ciesielski, 2000; Simard et al., 2004; Roy et al., 2004). In the La Grande hydrographic basin, the La Grande subprovince is divided in two large structural, metamorphic, and lithological domains. The Northern Domain is dominated by plutonic and gneissic rocks whilst the Southern Domain encloses the volcano-sedimentary sequences (Goutier et al., 2002).

The basement rocks of the La Grande Greenstone Belt are formed by gneissic and foliated tonalites of the Langelier Complex (2788-3360 Ma). The complex is in structural contact with younger supracrustal sequences composing the Yasinski (2733 Ma) and the Lac Guyer (2820 Ma) groups. The former is constituted of tholeiitic basalts, feldspathic wackes, magnetite-bearing iron formations, andesitic and felsic pyroclastites of calco-alkaline affinity (Goutier et al., 2001a, b, 2002). The Yasinski Group (2732 Ma) is represented stratigraphically upwards by the Aya 1 to Aya4 units (Goutier et al., 2001a)

The Aya 1 unit consists of a basal oxide facies iron formation (magnetite) often metamorphosed into a garnet amphibolite. Metric bands of wacke and polygenic conglomerate intercalated with volcanic flows form the bulk of the Aya2 unit. The wacke is metamorphosed locally into a biotite-actnolite schist and the conglomerate contains volcanic, gabbroic, and iron formation fragments. The basalt and andesitic basalts (Aya3) are the dominant lithologies encountered in the Yasinski Group. These are tholeiitic in affinity and occur principally as pillowed, less frequently massive, or brecciated flows. Metamorphosed into foliated amphibolites, these volcanic rocks were erupted in a deep oceanic environment. The Aya4 unit contains andesitic flows and tuffs of intermediate composition. The clastic rocks of the Ekomiak Formation rest unconformably on the Yasinski Group and are limited by numerous faults. The principal lithology is represented by a polygenic conglomerate characterized by tonalite clasts.

The supracrustal rocks are intruded by diorites, quartz diorites and hornblende-biotite tonalites of the Duncan intrusions (2709-2716 Ma), ultramafic intrusions, the vast Radisson batholith (2712 Ma) and by late to post-tectonic intrusions, such as the Vieux-

Comptoir Granite (2618 Ma) and the quartz monzodiorite and porphyritic granodiorite of the Bezier Pluton (2674 Ma). Regional metamorphism, principally affecting the supracrustal rocks, varies from lower greenschist to upper amphibolite.

7.2-The Opinaca Subprovince

In the area of investigation, the Opinaca subprovince exposes several injections of white pink monzogranites and pegmatitic monzogranites in a vast assemblage of metamorphosed sediments assigned to the Laguiche Group (Goutier et al., 2000). The metasediments consist principally of biotite paragneiss interstratified with arkosic arenite layers. Migmatites appear further south toward the center of the Opinaca basin. In this sea of paragneiss, formerly a feldspathic wacke presenting turbidite textures (ex: sorting), some layers of polygenic conglomerates, quartz arenites, biotite schists, amphibolites and felsic volcanic rocks were recognized.

7.3-Proterozoic Rocks

The Proterozoic rocks comprised three networks of gabbroic dykes dated between 2.07 and 2.5 Ga (Ernst et al., 1998). The Proterozoic brittle deformation generated dextral shears leading to tensional basins along the 330 km span of the La Grande hydrographic basin. The basins were filled by quartz arenites, red sandstones, conglomerates, and sandstones of the Sakami Formation (2216-2510 Ma).

7.4- Geology of the Sakami Property

The geology of the southeastern Sakami property is dominated by two rock types. Mafic volcanic rocks of the Yasinski Group are essentially basalts and amphibolites striking N270° to N300° and dipping sharply to the north (70° to 90°). The mafic rocks are folded along a N300° axis dipping 35° (P_2) (Digonnet, 2001; GM59019). The basalts and amphibolites are often massive and recrystallized showing a microgabbroic texture. Some basalts contain biotite and garnet and are highly schistose. They are intercalated with iron

formations. The second rock type is a hornblende-biotite tonalite intrusive rock of the Duncan Intrusive Suite (Goutier et al., 2000). The tonalite post-date the volcanic rocks and is variably deformed. The pink to grey pluton is homogeneous, affecting a white patina. It is a medium-grained plutonic rock composed of 40-50 % plagioclase, 35-45 % quartz, 5-15 % hornblende and biotite with < 5 % of K-feldspar. Accessory minerals are epidote, titanite, and apatite.

The northeastern segment of the property straddles the sheared/thrusted and deformed contact between the la Grande (Yasinski Group) and Opinaca (Laguiche Group) subprovinces. Geological mapping carried out by Lavallée (2003; GM60046) identified this contact in the Sipanikaw south, central, and north sectors (Figure 5). The Yasinski Group exposes principally massive to pillowed metabasaltic rocks injected by gabbroic sills/ bodies. Layers of garnet amphibolites and ultramafic rocks are observed near the shear contact. Felsic schists and dykes are commonly associated with mylonite zones. Hydrothermally altered exhalites, sulphide-rich cherts and sulphide/oxide iron formations are also observed. These are most likely to contain gold mineralization. The main schistosity is oriented NE-SW and dips moderately to sharply to the NE (235°/50°-70°).

7.4.1- Structure

The structure of the Sakami area is dominated by thrust faults, dextral shearing and large folds involving all crustal rocks. The Langelier Complex tonalites form a large EW-oriented dome to the southwest in structural contact with the volcanic rocks. These are folded along a vast synform, plunging to the NE, and tilted toward the SE. The metasediments of the Laguiche Group (Opinaca Subprovince) are folded and overturned to the SE, whereas the southern Opinaca basin underwent a complex polyphase NS and ESE folding.

The metavolcanic rocks of the Yasinski Group are separated from the Laguiche Group metasediments by a narrow NE-oriented thrust. A dextral, NW-SE shear zone to the west

affected the Langelier basement rocks as well as the Laguiche Group metasediments and La Grande subprovince metavolcanic rocks.

The earliest tectonism affected the Langelier Complex tonalitic gneiss before the extrusion of the volcanic assemblages. A second deformation phase involved the volcanosedimentary rocks (Yasinski and Lac Guyer groups) with substantial transport from the NW to the SE. This event resulted in tectonic imbrications and kilometer-scale folding. The third tectonic phase occurred after the intrusion of the Duncan suite intrusives and generated a strong foliation and thrusting of the volcanosedimentary assemblages on the Laguiche metasediments. A late polyphase deformation, perhaps related to the intrusion of granitic plutons in the Opinaca basin, is associated with a system of dextral NE-NW-oriented shears.

7.5- Mineralization

The Lamarche prospect forms a 500 x 350 m shear zone/deformation corridor expressed as an altered polymetallic shear containing veins and/or disseminated pyrite, pyrrhotite, chalcopyrite, sphalerite, and galena within fine-grained chlorite-biotite metasediments. 13 rock samples carry concentrations of Ag > 10 g/t (11-712 g/t), whereas 40 samples provided assays > 1000 ppm Zn (1070 ppm to 8.42 %). The first exploration phase yielded a grab sample value of 13 g/t Au with other samples ranging from 0.8 to 1.8 g/t Au. Channel sampling completed during the second phase produced the following intervals: 1.71 g/t Au, 3.4 g/t Ag and 0.4 % Zn over 1 m ; 1.01 g/t Au, 28.5 g/t Ag and 3.76 % Zn over 1.4 m and, 0.26 g/t Au, 2.9 g/t Ag, 0.58 % Zn over 3.4 m. The mineralization probably extends along a 1.7 km NE-SW-oriented deformation corridor. The GoldenEye prospect (100 m x 75 m) consists of pyrite-rich and/or pyrrhotite ± chalcopyrite-bearing rusty bands within basalt-andesite/amphibolitic flows intruded by felsic intrusive rocks. Channel sampling yielded values of 1.02 g/t Au over 4.1 m , 0.67 g/t Au over 2.00 m (Including 1.02 g/t Au over 1m.) and 0.52 g/t Au over 3m. (including 1.10 g/t over 1m.). Finally, the Trans-Taiga showing exposes strongly sheared granitoids (tonalite/granodiorite) within the Langelier Complex basement. The gold mineralization

is contained within the granitoids, pyrite-bearing quartz veins and in pyrite stringers. Preliminary gold assays from grab samples collected along a 10 m long SW/NW-striking zone yielded values of 2.63, 1.87, 1.56 and 0.29 g/t Au, respectively.

ITEM 8 DEPOSIT TYPE

Gold deposit types related to the Sakami property have been called mesothermal gold, metamorphic gold, gold-only, lode gold, shear-zone hosted, structurally controlled deposits or orogenic gold. In the Abitibi Subprovince, greenstone-hosted quartz-carbonate vein deposits are a subtype of lode gold deposits.

The Au-rich veins in greenstone-hosted quartz-carbonate vein deposits are hosted by a wide variety of host rock types; mafic and ultramafic volcanic rocks and competent iron-rich differentiated tholeiitic gabbroic sills and granitoid intrusions (e.g., TTG) are common hosts. Typically, there is a strong structural control of the gold deposits and orebodies at all scales. The morphology can be highly variable, including: 1) brittle faults to ductile shear zones, 2) extensional fractures, stockworks and breccias, and 3), fold hinges (Hodgson, 1989). The orebodies consist dominantly of altered host rock with disseminated mineralization or of fissure-filled mineralization. Individual quartz-carbonate vein thickness varies from a few centimeters up to 5 m, and their length varies from 10 up to 1000 m. The vertical extent of the orebodies is commonly greater than 1 km and reaches 2.5 km in a few cases.

The gold-bearing shear zones and faults associated with this deposit type are mainly compressional and they commonly display a complex geometry with anastomosing and/or conjugate arrays (Robert et al., 1994; Robert and Poulsen, 2001). Due to the complexity of the geological and structural setting and the influence of strength anisotropy and competency contrasts, the geometry of vein networks varies from simple (e.g., Silidor deposit, Flavrian tonalite, Abitibi Greenstone Belt), to fairly complex with multiple orientations of anastomosing and/or conjugate sets of veins, breccias,

stockworks, and associated structures (Dubé et al., 1989; Robert et al., 1994; Robert and Poulsen, 2001).

Veins in the orogenic gold deposits are dominated by quartz with subsidiary carbonate and sulphide minerals, and less abundantly, albite, chlorite, white mica (fuchsite in ultramafic host rocks), tourmaline, and scheelite. Carbonate minerals consist of calcite, dolomite and ankerite. Gold occurs in the veins and in adjacent wallrocks and is usually intimately associated with sulphide minerals, including pyrite, pyrrhotite, chalcopyrite, galena, sphalerite, and arsenopyrite. In volcano-plutonic settings, pyrite and pyrrhotite are the most common sulphide minerals in greenschist and amphibolite grade host rocks. Hydrothermal wallrock alteration in orogenic gold deposits is developed in a zoned pattern with a progression from proximal to distal assemblages. The main alteration products of the wallrocks include: 1) carbonate minerals (calcite, dolomite, ankerite, in some cases siderite and magnesite), 2) sulphide minerals (generally pyrite, pyrrhotite or arsenopyrite), 3) alkali-rich silicate minerals (sericite, fuchsite, albite, and less commonly, K-feldspar, biotite, paragonite), 4) chlorite and 5), quartz. Carbonatization, sulphidation and alkali-metasomatism of the wallrocks reflect the addition of variable amounts of CO_2, S, K, Na, H_2O, and LILE during mineralization.

Greenstone-hosted quartz-carbonate-vein deposits are typically distributed along crustal-scale fault zones (Kerrich et al., 2000). These are the main hydrothermal pathways towards higher crustal levels. However, the deposits are spatially and genetically associated with second- and third-order compressional reverse-oblique to oblique brittle-ductile high-angle shears and high strain zones, which are commonly located within 5 km

of the first order fault and are best developed in its hanging wall (Robert, 1990). The structures hosting the gold deposits (shear zones, faults, extensional veins, and breccias) are typically discordant with respect to the stratigraphic layering of the host rocks, but in some cases, they can be parallel to bedding planes and fold hinges or intrusive contacts. Orogenic gold deposits were in general formed from moderately reduced fluids with a nearly neutral to weakly alkaline pH at all crustal levels (Mickucki, 1998). The ore-forming fluid is typically a 1.5 ± 0.5 kb, 350° ± 50°C, low-salinity H2O-CO2 ± CH4 ± N2 fluid that transported gold as a reduced sulphur complex (Groves et al., 2003). The fluids maintained approximate thermal equilibrium with the rocks through which they circulated, but their chemical composition was progressively modified through fluid-wallrock interaction and/or mineral precipitation during their ascent. The main complex responsible for gold transport in orogenic gold deposits is $Au(HS)_2$-(Mikucki, 1998).

A number of genetic models have been proposed.

The main models are : 1) granulitization of the lower crust due to CO_2-enriched fluids from the mantle accompanied by felsic magmatism (Hodgson and Hamilton, 1989), 2) magmatic fluids exsolved from tonalite - trondhjemite -granodioritic intrusions (Burrows and Spooner, 1987), 3) fluids produced by metamorphic processes (e.g., Kontak et al., 1990; Kerrich and Cassidy, 1994) and 4), deep circulation of meteoric water (Nesbitt et al., 1986; Boiron et al., 1996). Some authors have ascribed a deep origin to such deposits, suggesting a syn-metamorphic origin (e.g., Neumayr et al., 1993), therefore supporting a crustal continuum model for the orogenic gold deposits (Groves et al.,1998). In contrast, other authors favor a shallow origin for such deposits, subsequently overprinted by deformation and regional metamorphism at deeper structural levels (Penczak and Mason, 1997). Hutchinson (1993) has proposed a multi-stage, multi-process genetic model in which gold is recycled from pre-enriched source rocks and early formed typically sub-economic gold concentrations. Hodgson (1993) also proposed a multi-stage model in which gold was, at least in part, recycled from district-scale reservoirs that resulted from earlier increments of gold enrichment.

ITEM 9 EXPLORATION

9.1- Geophysics

9.1.1- Airborne Geophysics

9.1.1.1- Heliborne Magnetic (MAG) and Time-Domain Electro Magnetic (TDEM) Survey, 2019

PROSPECTAIR conducted an heliborne magnetic (MAG) survey on the north and northeastern sectors of the Sakami property (Dubé, 2020a). The survey was flown on December 4th and 5th, 2019 using an Eurocopter EC120B flying at an average height of 85 m. One survey block was flown for a total of 500 line-km. The helicopter and survey crew operated out of the Radisson Airport and the Sakami-North block was flown with traverse lines at 100 m spacing and control lines spaced every 1000 m. The orientation of each line was N123°.

The airborne magnetometer is a Geometrics G-822A system using a non-oriented (strap-down) optically pumped Cesium split-beam sensor. The heliborne sensor was mounted in a bird made of non-magnetic material located 25 m below the helicopter when flying. The time-domain electromagnetic transmitter and receiver is a ProspecTEM system, enabling it to be flown as close to the ground as safely possible and ensuring maximum data resolution.

The results of the first airborne MAG survey are depicted in the FVD (First vertical Derivative) and Tilt Angle Derivative (TILT) contour maps (Figures 6 and 7). The TMI intensity is relatively active and varies over a limited range of 2047 nT. The surveyed area is affected by linear magnetic features characteristic of alternating sequences of mafic volcanic rocks/gabbroic sills with sedimentary or intermediate to felsic volcanic rocks accompanied by small intrusive stocks. The western 1/3 block is characterized by relatively constant lineaments orientation, with a slight variation from N-S to NNE-SSW strike. By comparison, the eastern ⅔ of the property displays much more variability in lineament's orientation, varying from NNE-SSW to ENE-WSW. Offsets of magnetic

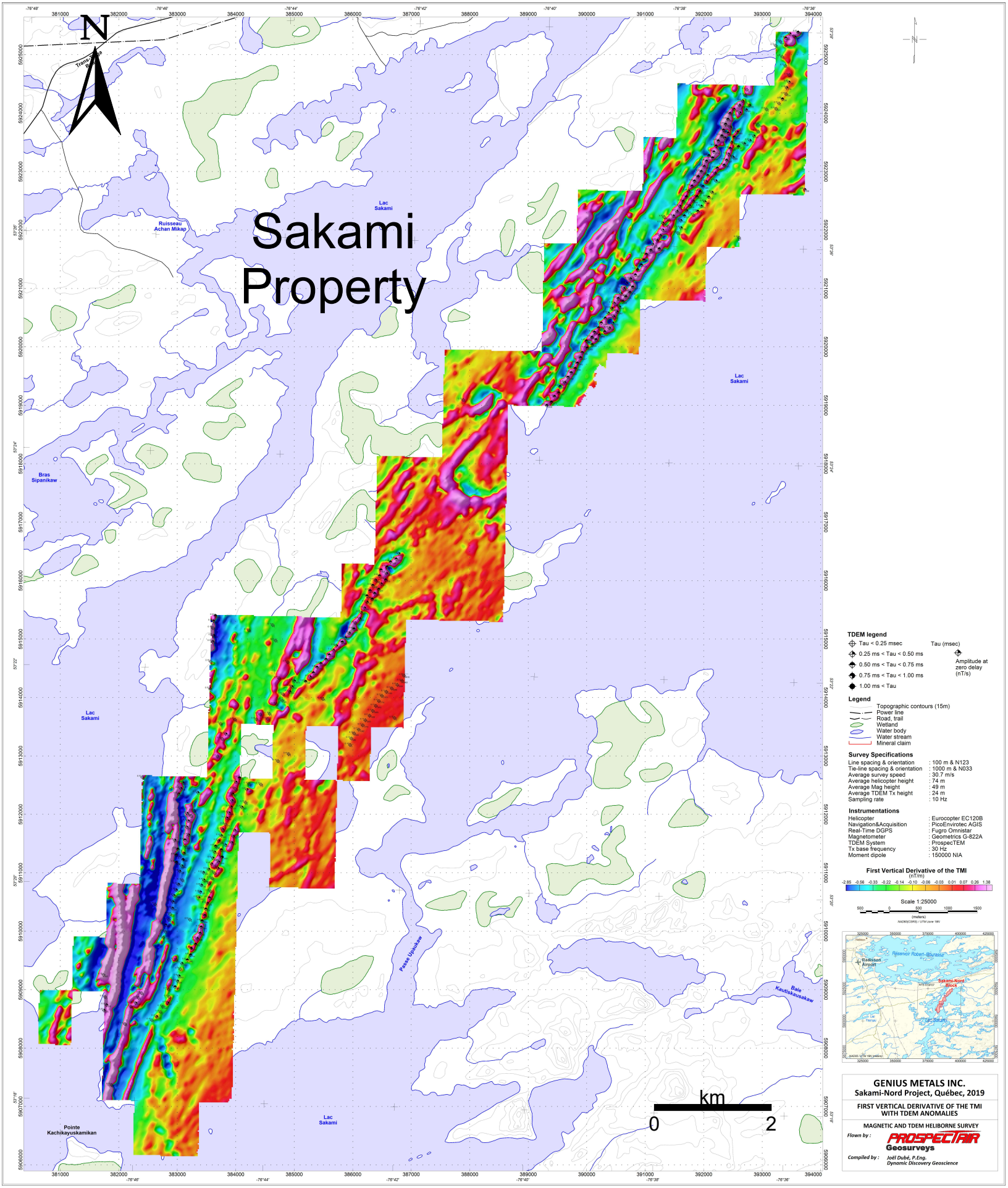

Figure 6. First Vertical Derivative (FVD) of the Total Magnetic Intensity (TMI) with the TDEM anomalies. Heliborne MAG and TDEM survey, northern Sakami property, James Bay Territory.

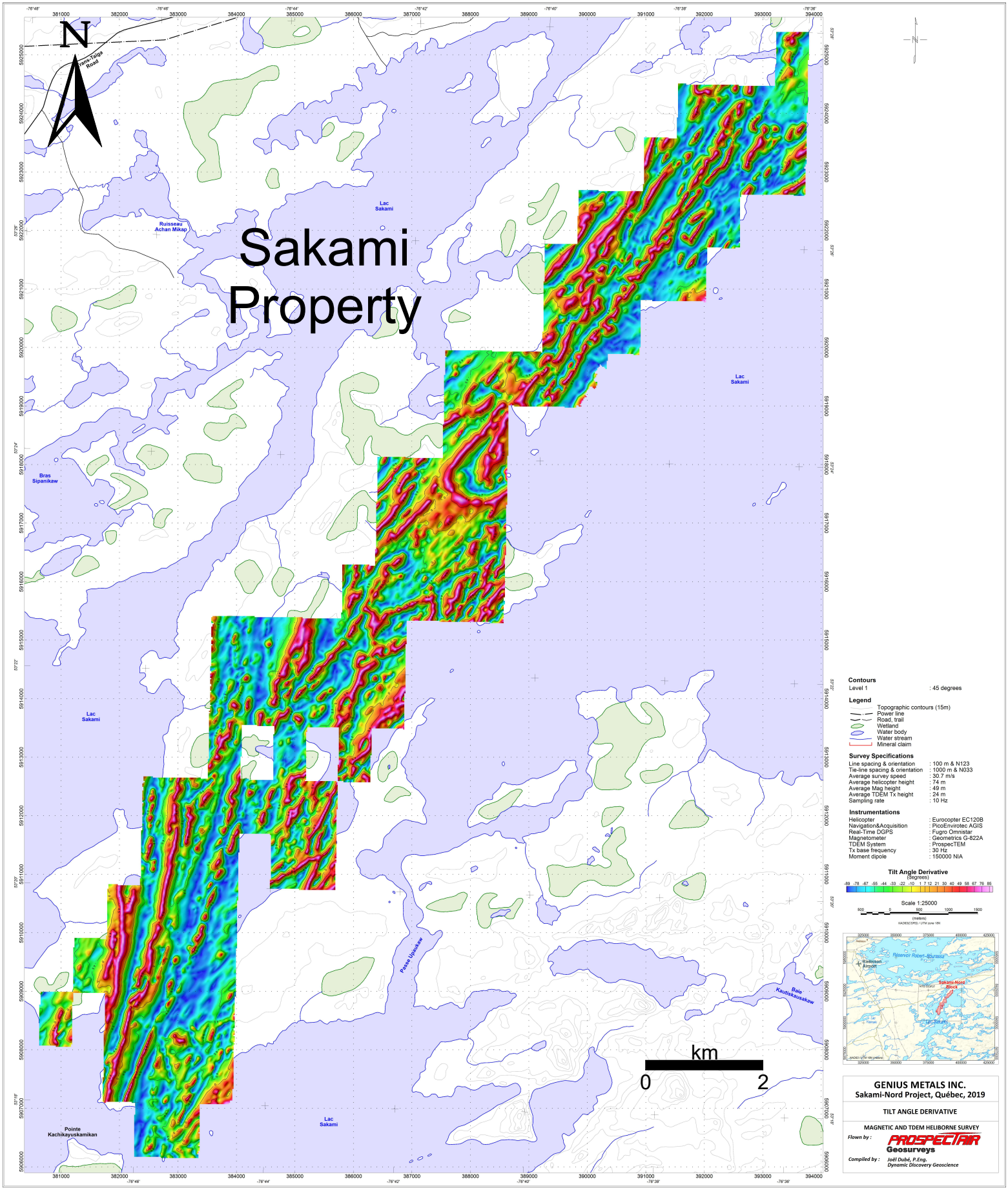

Figure 7.Tilt Angle Derivative contour map, heliborne MAG and TDEM survey, Sakami north property, James Bay Territory.

lineaments causing abrupt interruptions or changes in the magnetic response possibly reflect structural features typically caused by faults, fractures, and shear zones.

The TDEM classification of anomalies is based on the calculated time constant (TAU). The EM time constant is a general measure of the speed of decay of the electromagnetic response and reflects the "conductance quality" of a source. The decay rate of the secondary EM field recorded by the TDEM system is a function of the conductivity and geometry of conductors detected. A weak conductor, such as shallow conductive overburden, will show rapid response decay, thus a small value of the time constant. Conversely, a good conductor, such as a graphite or sulphide orebody, will have a response decaying slowly, relating to a large TAU value (Dubé, 2020a).

Prospectair identified and classified over 332 EM anomalies. 95 marginal/weak anomalies with TAU lower than 0.25 msec are included in a group represented by an empty circle on the Early Off Time and Late Off Time TDEM contour maps. The remaining anomalies are classified in 4 groups, with small time-constant (0.25 to 0.50 msec, 127 anomalies), intermediate (0.50 to 0.75 msec,107 anomalies), strong (0.75 to 1.00 msec, 3 anomalies) and very strong (over 1.00 msec, 0 anomalies). The bulk of the detected conductors are of good quality and are correlated to magnetic responses, indicating that sulphides (including pyrrhotite) are likely to compose at least part of the conductive sources. The prime example is the 200-400 m wide by 7 km long NNE-SSW to NE-SW-oriented conductor associated with a silica/sulphide iron formation striking along the contact with the major thrust fault delimiting the La Grande and Opinaca sub-provinces (Figure 8).

9.1.1.2- Heliborne Magnetic (MAG) Survey, 2020

A magnetic survey, completed from July 17th to 19th 2020, for a total of 850 line-km, involved a High-Resolution MAG determination over the northwestern and southwestern segments of the property (Dubé 2020b). Prospectair's Robinson R-44 helicopter flew at an altitude of 33 m with the magnetic sensor height at 14 m. Traverse lines were set at

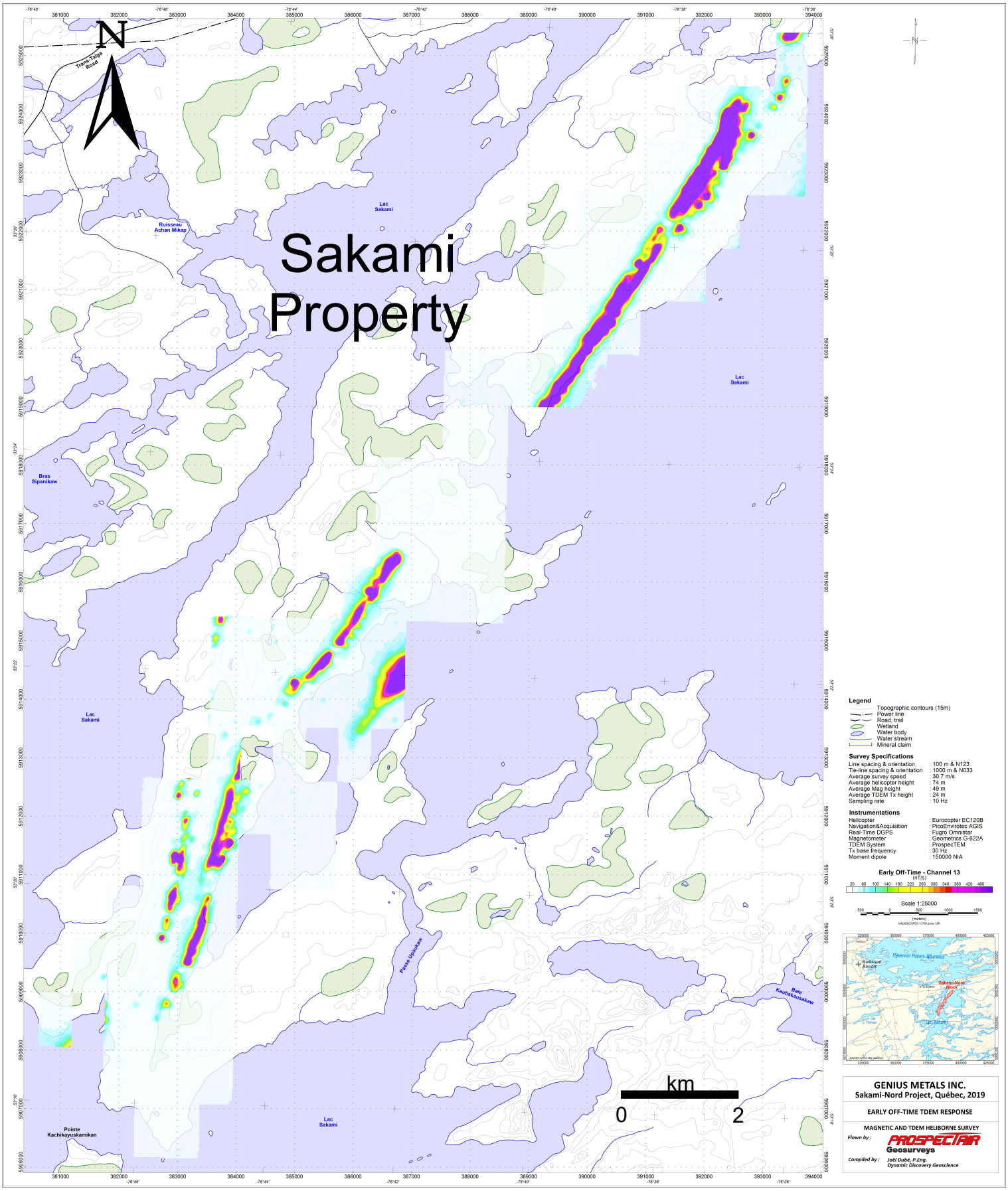

Figure 8. Early Off-Time TDEM response contour map, heliborne MAG and TDEM survey, north Sakami property, James Bay Territory.

100 m spacing and control lines spaced every 1000 m.

Most of the surveyed area completed to the northwestern and southwestern of the property (Survey 2) is also affected by linear magnetic features. Strong magnetic anomalies are distributed in the rest of the surveyed areas. The strongest anomalies are best seen on Figure 9 which shows the residual TMI data with a linear color distribution. These stronger anomalies are likely related to iron formations or to mafic/ultramafic intrusive/volcanic rocks. Magnetic lineaments are predominantly trending NE-SW in northeastern portion of the surveyed blocks as shown by the First Vertical Derivative contour map (Figure 10). whereas they are more variable to the northwestern and southwestern segments. Several lineaments appeared curved, and some seemed strongly folded locally. Some areas appear to display structural features offsetting observed magnetic lineaments and causing abrupt interruption or changes of the magnetic response. These features are typically caused by faults, fractures, and shear zones.

Marc Boivin, geophysicist, was contracted to merge the airborne magnetic surveys completed in 2019, 2020 with an historical survey carried out by Virginia Gold. The raw data was first smoothed, and then filtered in order to obtain a uniform product. The interpretation resulted in the production of TMI, 1VD, Tilt Angle maps. The generated map provides a complete coverage of the entire Genius Metals Sakami property.

9.1.1.3- High-Resolution UAV Mag Survey, 2021

A UAV Mag survey was completed over the Lamarche Prospect. The initial survey interpretation and prior prospecting work indicated the presence of a shear zone/corridor. The resolution of the 2019 helicopter-borne Mag survey was insufficient to understand the complexity of the structural geology. Form January 14th to 17th 2021, Vision4K carried out a 202.2 line-km High-Resolution UAV Mag survey on a 1.6 km x 3 km grid covering the Lamarche prospect and its extensions. The AimLow™ navigation system allowed the UAV to fly the sensor at an altitude of 17 m altitude from the ground

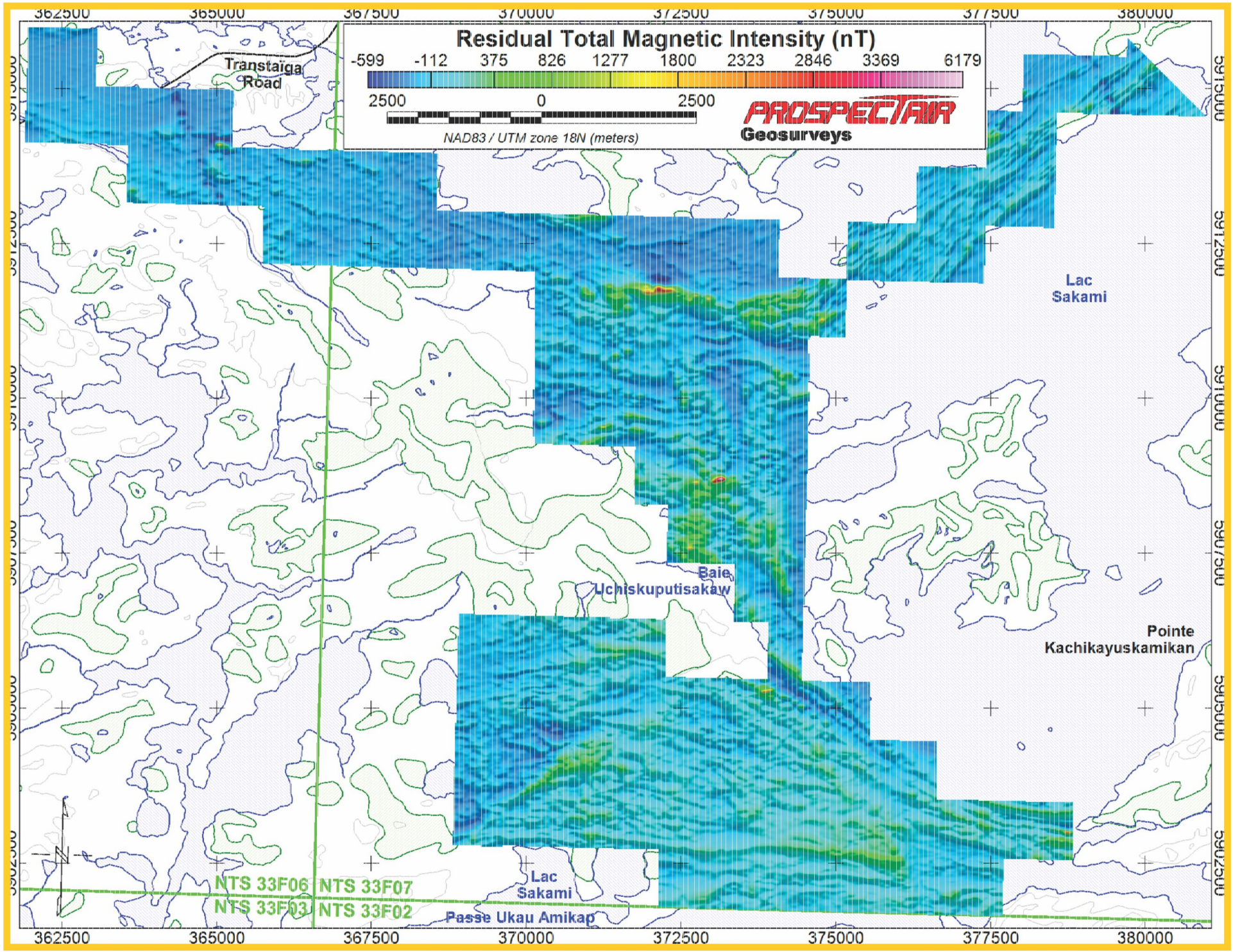

Figure 9. Residual Total Magnetic Intensity (TMI) in linear mode, heliborne High-Resolution Mag survey, western Sakami property, James Bay Territory.

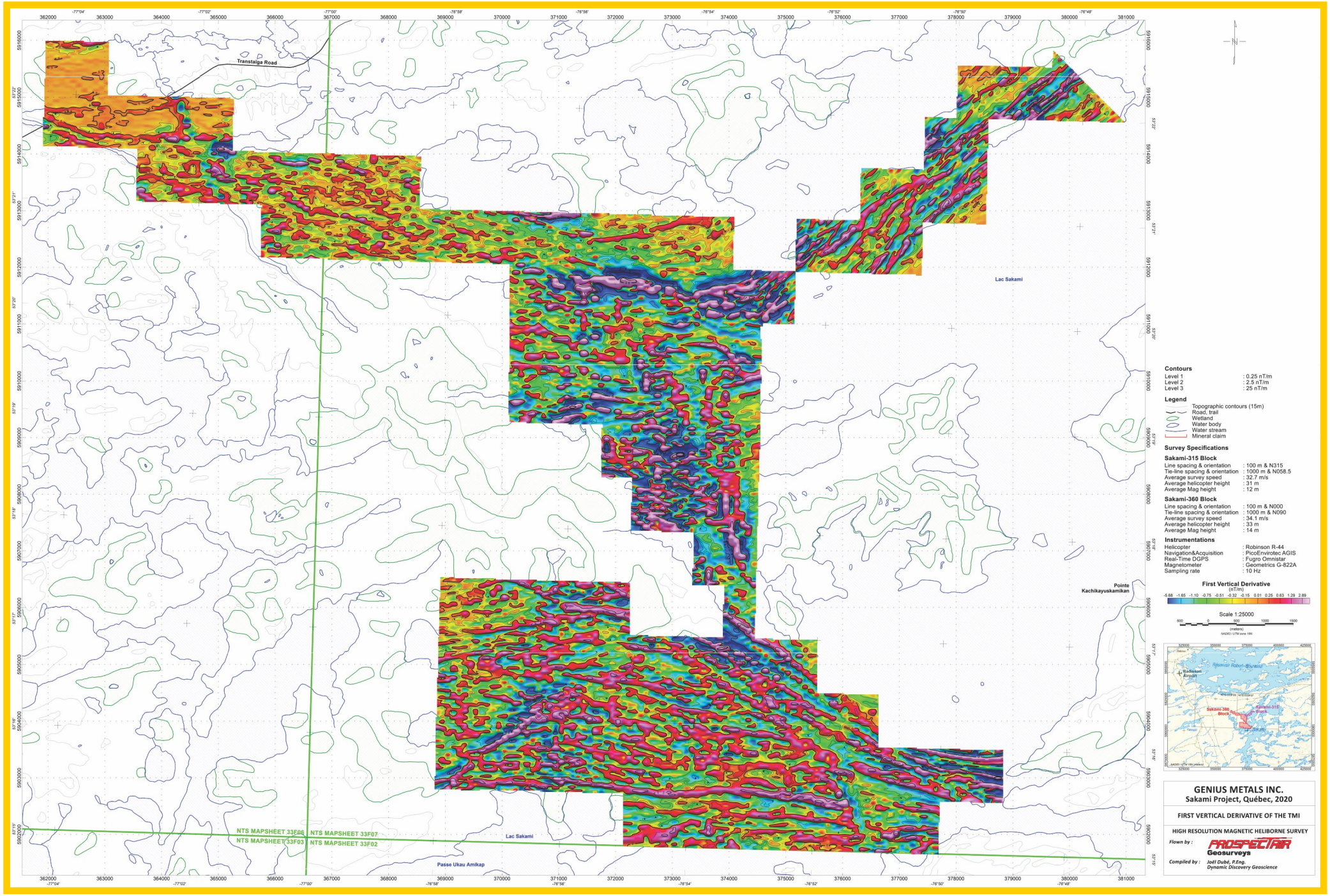

Figure 10. First Vertical Derivative Contour map of the Total Magnetic Intensity (TMI), High-Resolution heliborne MAG survey, western Sakami property, James Bay Territory.

throughout the survey. An advanced control algorithm and two LiDAR sensors permitted the UAV to scan 70 meters ahead and make autonomous decisions to avoid occasional obstacles like higher trees or structures. Navigation using differential GPS (RTK) technology ensured the drone maintained the same altitude between and during survey lines. The magnetometer model used is a Scintrex Cs-VL Cesium Vapor commonly flown 5 m below the drone, 3 to 5 m above treetops and 17 m AGL. The UAV measurements of the Total Magnetic field Intensity (TMI) were done in the continuous acquisition mode following a network of N135º-N315º oriented flight lines spaced every 25 m.

The data was interpreted by Marc Boivin who produced different map versions of the data such as the TMI, 1VD, 2VD and Tilt Angle. A semi qualitative data analysis the 1VD and Tilt Angle contour maps indicate the center-south, center-southeast and northeast of the flown area is characterized by weaker and more homogeneous magnetic backgrounds, probably revealing distinct bedrock units (Figures 11 and 12)

The maps also show less magnetic units in the central portion of the map where they are closely spaced, elliptically shaped and oriented between N30º to N45º. To the southeast, there are distinct anomalous and more dislocated MAG horizons which could be linked to the iron formation. The amplitude of these anomalies is typically of several hundred nT and the associated sources are mostly shallow in origin.

The magnetic data was subjected to a 3D Magnetization Vector Inversion (MVI) to characterize the bedrock units based on their susceptibility contrast. The interpretive 3D views were used to highlight the lithologies causing the main anomalies (MS > 0.004 SI). They reveal anomalous targets/bodies characterized by relatively high magnetic susceptibilities (MS) ranging from 0.004 to 0.22 SI, whereas the iron formations to the southeast are dominated by slightly higher MS values. The magnetic targets/bodies are also shallow seated to sub-outcrops.

Boivin (2021, internal company memo) performed a more detailed interpretation of the

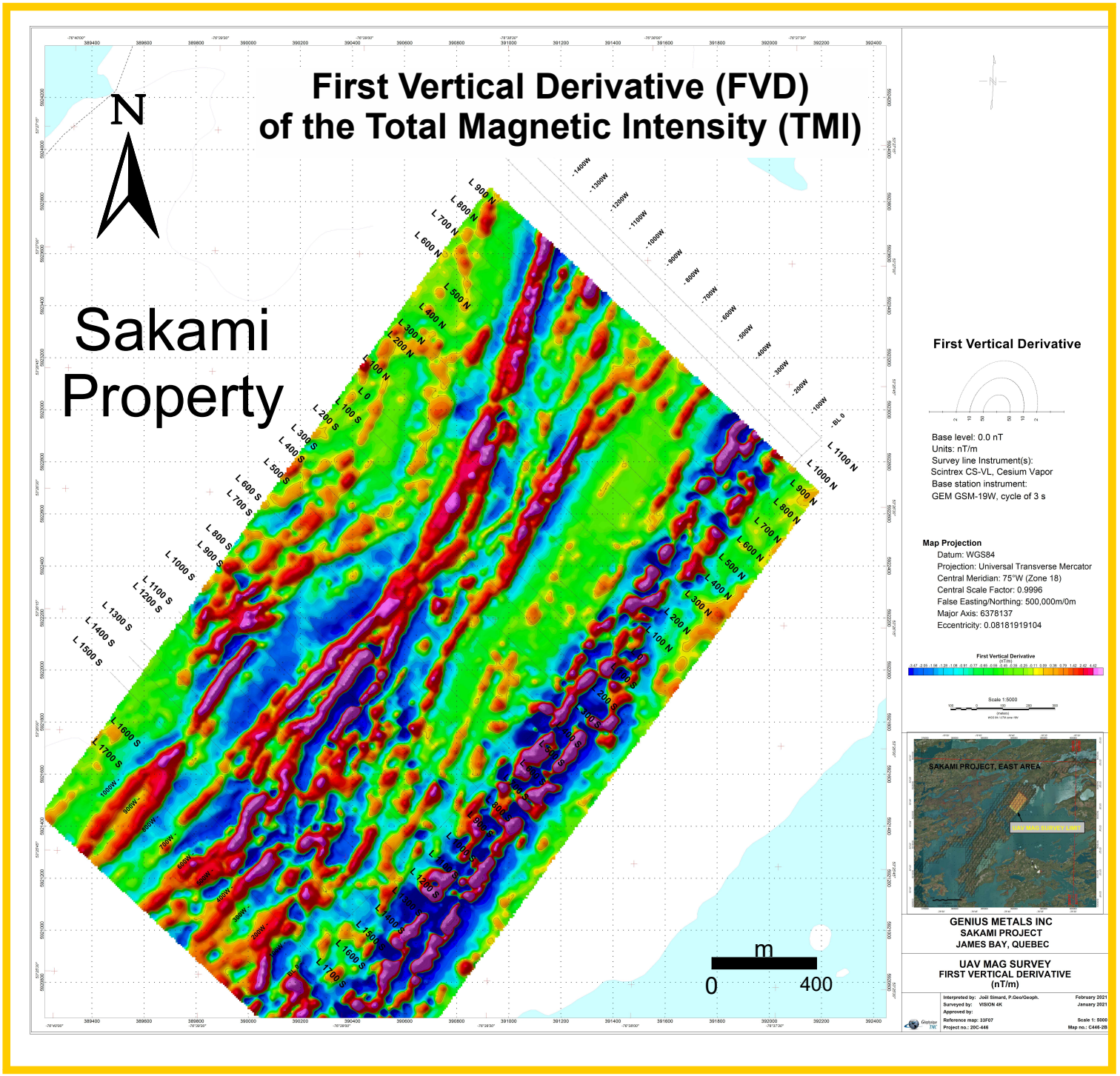

Figure 11. First Vertical Derivative (FVD) contour map from the UAV MAG survey completed over the Lamarche grid, northern Sakami property, James Bay Territory.

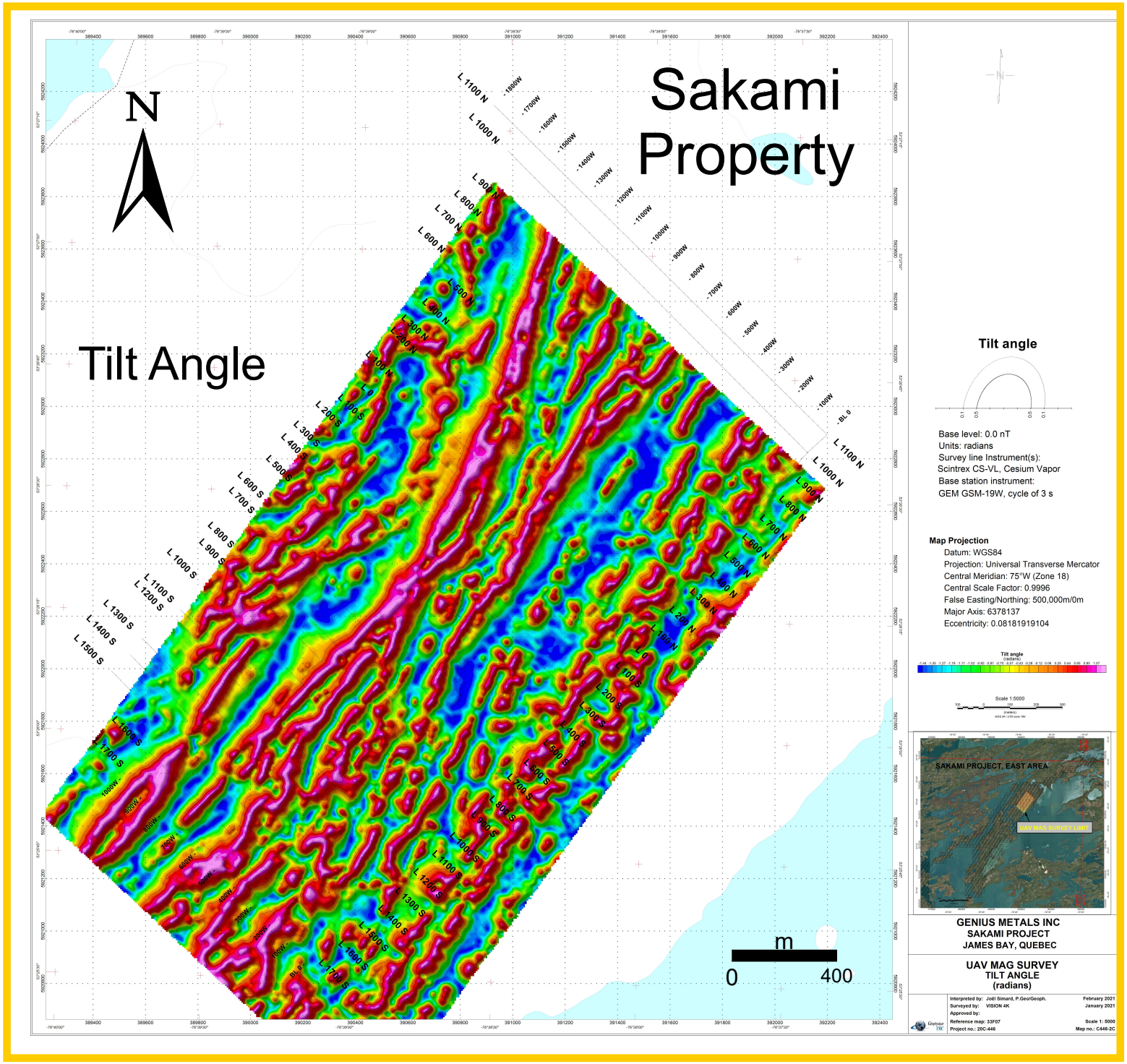

Figure 12. Tilt Angle contour map from the UAV MAG survey completed over the Lamarche prospect grid, northern Sakami property, James Bay Territory.

lineaments and structure brought by the UAV survey. Filtering to obtain magnetic lineaments or crests increases superficial high frequencies shown by the first and second vertical derivatives filters. The structural interpretation was based on the spatial relations between the magnetic lineaments and textural change in the magnetic trends. The most common criteria to characterize a magnetic structure is via the truncations or direction changes (or dragging effect) of lineaments. The generated map shows a principal NE-SW structural trend (marked by several faults?) following the prevalent schistosity and disrupted but EW-oriented short lineaments (Figure 13).

9.1.2- Ground-Based Geophysics

9.1.2.1- IP Ground survey, October 2018-April 2019

A ground-based IP survey was carried out by Géosig Inc. from October 25th to November 18th, 2018 and from March 11th to April 3rd, 2019, respectively on the northern segment of the Sakami property surrounding the Genius Metals main base camp (Tshimbalanga, 2019). The 56.7 linear-km survey followed a 4.6 x 1 km grid. The NO/SE-oriented grid was made of 38 lines of variable lengths (700 to 3,000 m) with a 100 m spacing. The IP survey readings were captured each 25 m. The IP used a 25 m dipole-dipole configuration with 6 separations (n=1 to 6).

The apparent resistivity ranges from 1Ω-m to 83,000 Ω-m for the first separation and is commonly related to the thickness and conductance of the overburden and the composition and proximity of outcrops. Low resistivity values generally represent bogs, swamps or depressions filled with a thick overburden (600 Ω-m), whereas high resistivity zones are associated with outcrops or sub-outcrops (2,500 Ω-m). Several zones characterized by higher and anomalous chargeability values reflect a strong decrease in resistivity and are strongly conductive (Figure 14a, b). The survey reveals numerous IP axis most of them correlated with high magnetic horizons.

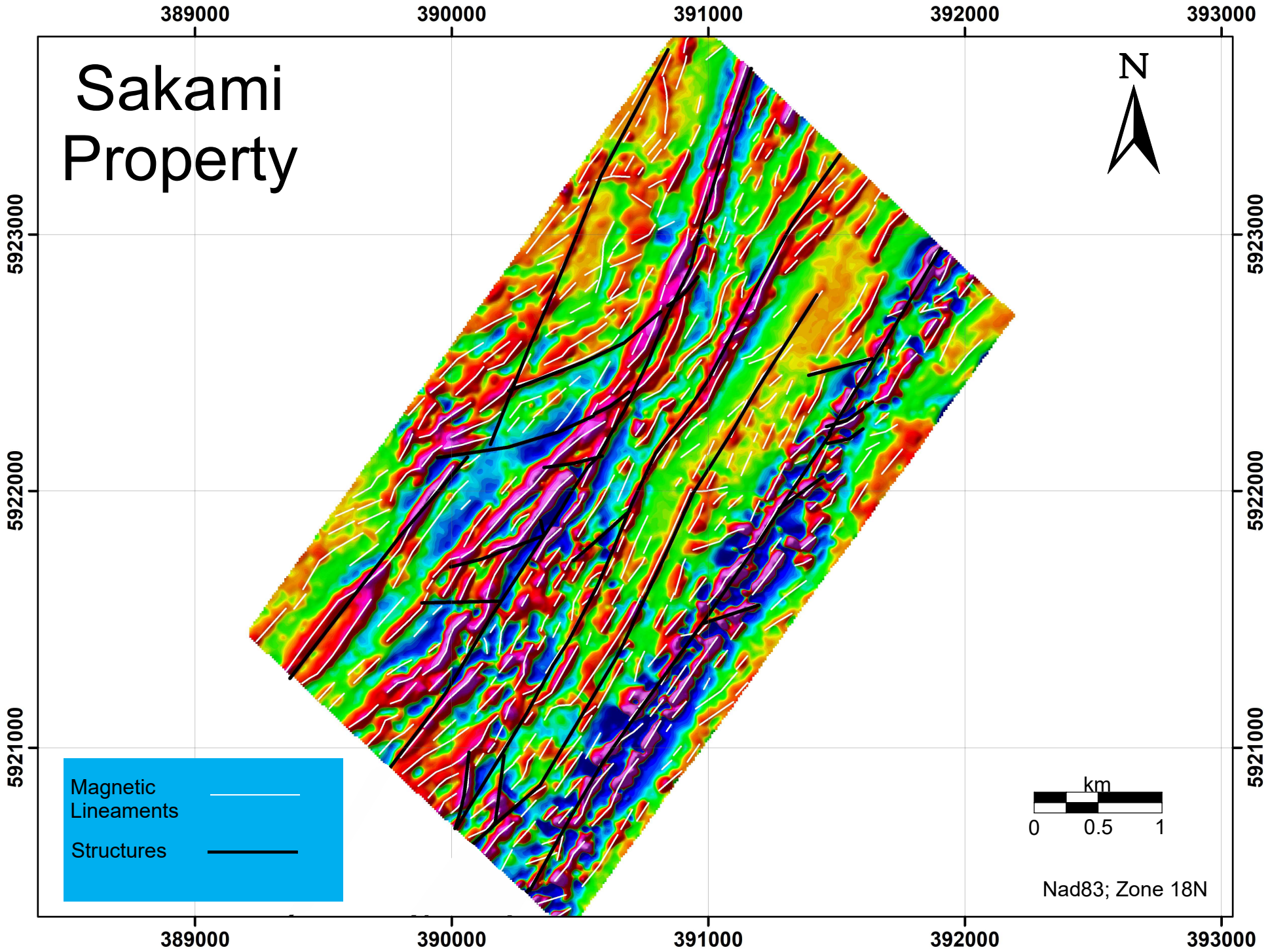

Figure 13. Magnetic lineaments and interpreted structures form the UAV MAG drone survey completed over the Lamarche grid, James BayTerritory, northern Sakami property.

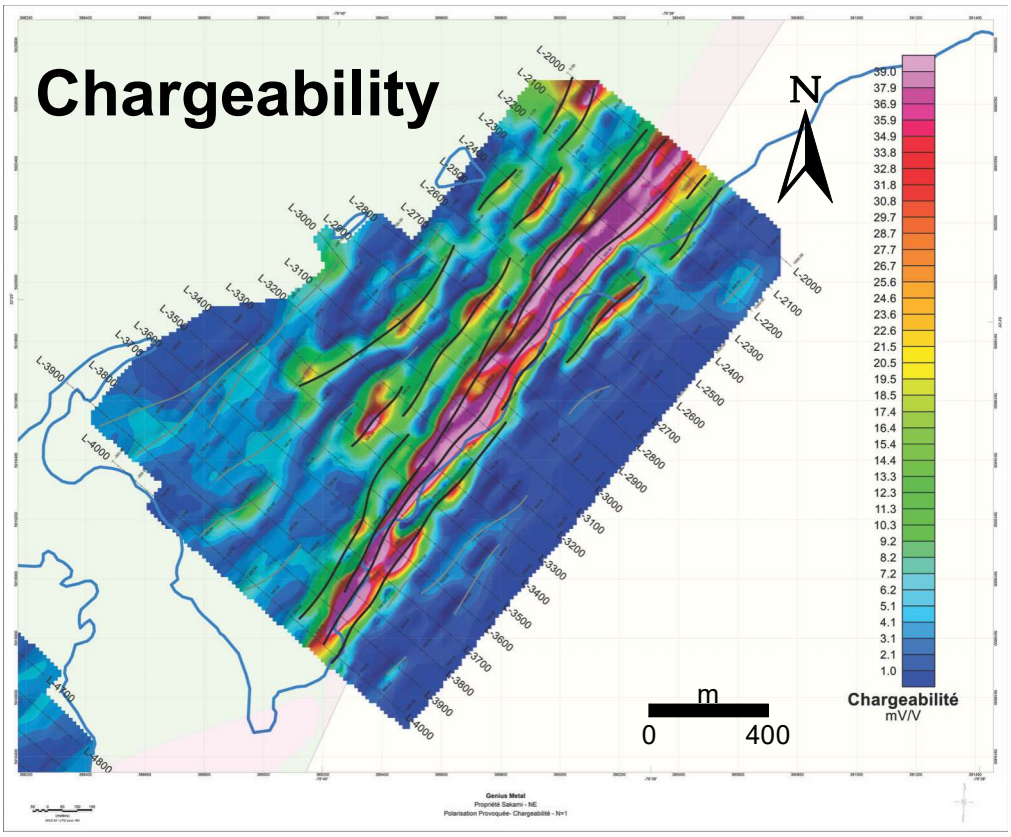

Figure 14a. Chargeability countour map from the IP-MAG ground-based survey surrounding the Lake Sakami camp, northern Sakami property, James Bay Territory.

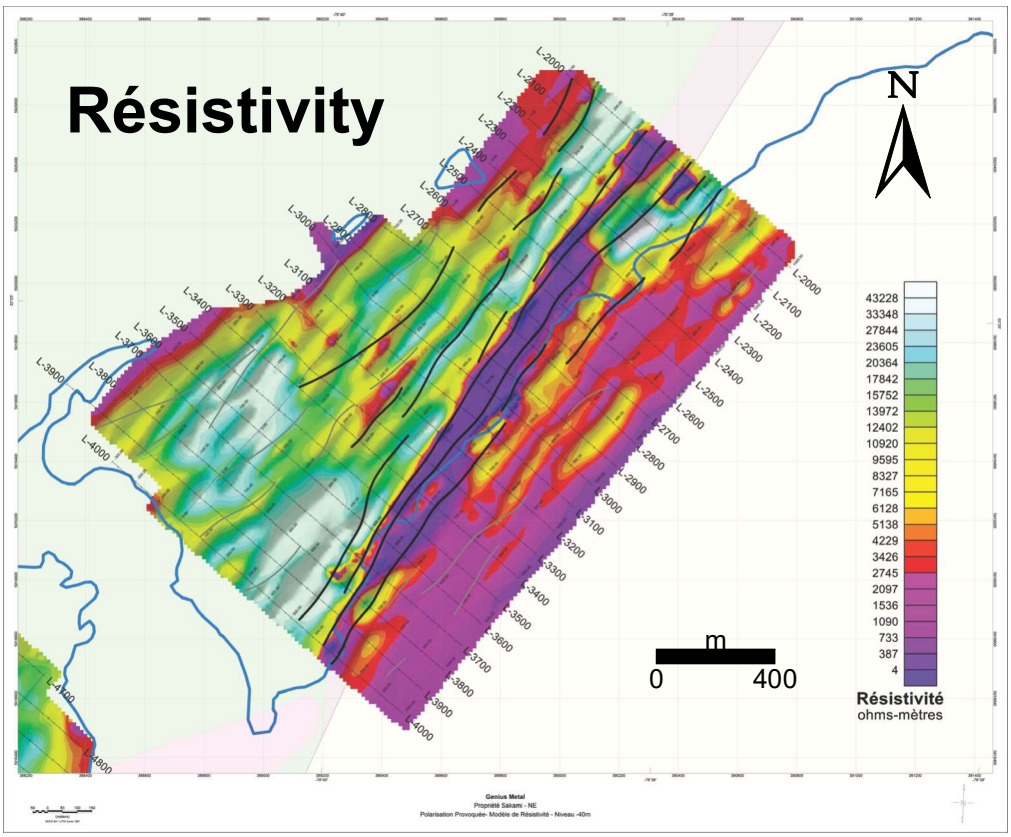

Figure 14b. Resistivity contour map from the IP-MAG ground-based survey surrounding the Lake Sakami camp, northern Sakami property, James Bay Territory.

9.1.2.2- MAG survey, October 2018-April 2019

A ground-based Magnetic survey was carried out by Géosig Inc. from October 25th to November 18th, 2018 and from March 11th to April 3rd, 2019, respectively on the northern segment of the Sakami property surrounding the Genius Metals main base camp (Tshimbalanga, 2019). The 56.7 linear-km survey followed a 4.6 x 1 km grid. The NO/SE-oriented grid was made of 38 lines of variable lengths (700 to 3,000 m) with a 100 m spacing. The magnetometric lectures were taken each 12.5 m on the main and base lines.

The surveyed area is characterized by Total Magnetic Intensity (TMI) values around 56,500 nT and is defined by homogeneous values except in the central part of the grid where higher values are associated with the silicate/sulphide iron formation layer. Anomalous values (> 500 nT over background) are commonly oriented NE-SW and associated with IP anomalies. The First Vertical Derivative (FVD) and TMI contour maps underline the presence of an iron formation near the faulted contact between the La Grande and Opinaca sub-provinces (Figure 15a, b). The signal intensity moderately higher to that of the rest of the property suggests the magnetism is associated with the presence of disseminated sulphides (mainly pyrrhotite +/- pyrite +/- arsenopyrite) +/- magnetite and the iron formation classified into the sulphide/silicate facies.

9.1.2.3- IP Ground Survey, January-February 2021

Form January 21st through February 11th, 2021, TMC Geophysics carried out a 38 line-km induced polarization survey on a 1.6 k x 3 km grid covering the Lamarche prospects and its extensions. The grid consisted of twenty-nine (29) N135º-N315º- oriented lines spaced every 100 m, ranging in length between 1.0 to 1.8 km and with stations picketed every 25 meters. The nominal a spacing between the electrodes was set at 25 m and ten (10) separations were read (n= 1 to 10). In the dipole-dipole array, the transmitting and receiving electrodes are simultaneously moved along the gridline. The induced polarization equipment consisted of a transmitting and receiving apparatus using a

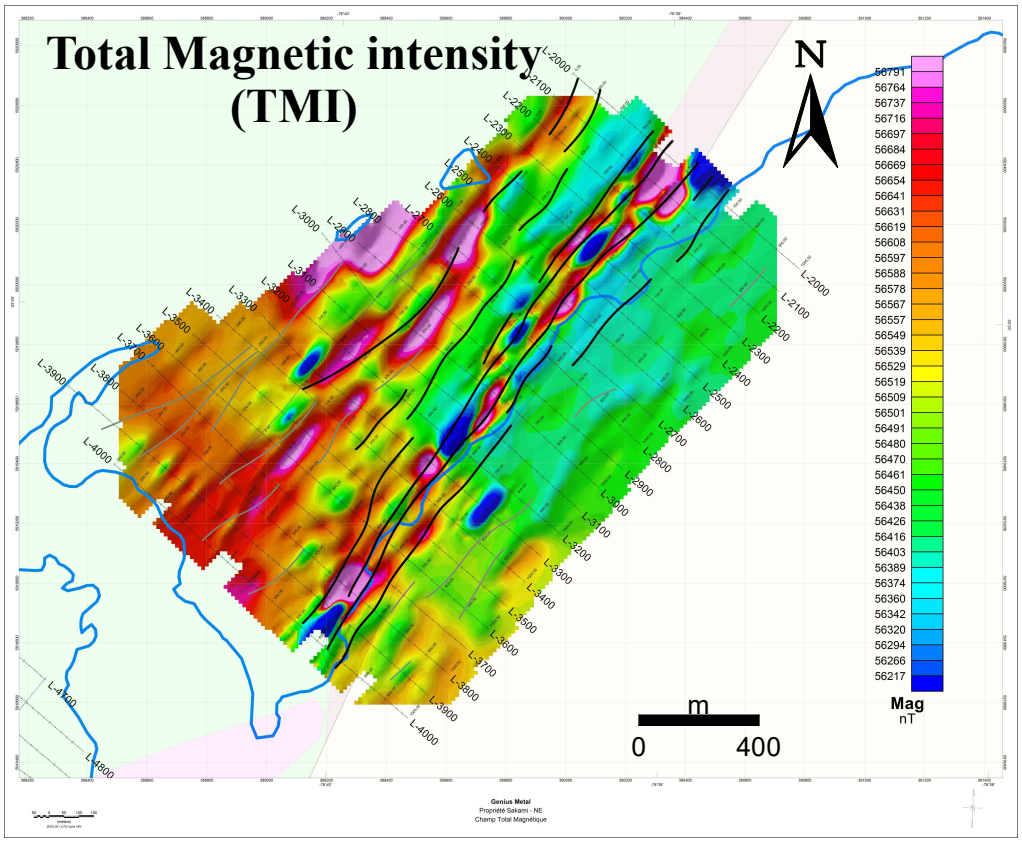

Figure 15a. Total Magnetic Intensity contour map (TMI) for the 2019 ground-based IP-MAG survey surrounding the Sakami Lake camp, northern Sakami property, James Bay Territory.

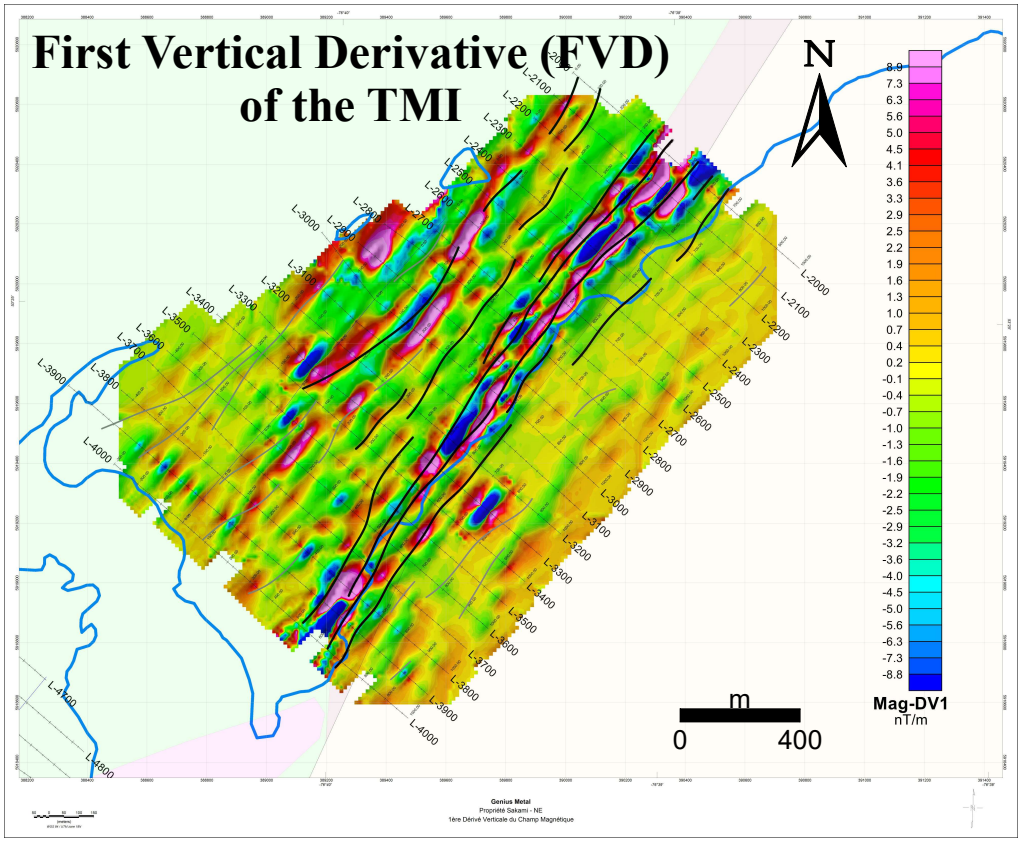

Figure 15b. First Vertical Derivative (FVD) of the Total Magnetic Intensity (TMI) contour map from the 2019 ground-based IP-MAG survey surrounding the Sakami Lake camp, northern Sakami property, James Bay Territory.

commuted signal. A motor generator drove the GDD Instrumentation TX-II transmitter capable of supplying 1.8 kW of continuous power. Stainless steel electrodes were used to inject a stable current.

Contour maps generated from the IP 2D inversion results illustrate the signature of the underlying formations at depths of 30 and 60 m allowing to negate the influence of the overburden (Figures 16 and 17). The maps indicate the chargeability anomalies are apparently confined within two main distinct horizons surrounding a resistive unit occupying the center-south and center northeast of the grid (Simard, 2021). The main and better-defined anomalous polarizable horizon is oriented N30º and crosses the center of the grid, thinning to the northeast and becoming broader to the southwest. In many instances, the central chargeability anomaly coincides with MAG anomalies. The second polarizable horizon is oriented N45º and correlates with a strong decrease in resistivity. It lies at the southeastern portion of the grid and partially correlate with strong MAG anomalies. The southeastern MAG and IP signatures reflect the presence of a silicate/sulphide facies iron formation.

The 2D and 3D Inversion Models reveal the influence of a relatively thin surface layer (overburden), having a 5 m average thickness with a maximum of 10-15 m. The surface layer probably consists of sands and gravels from glacial tills where it is resistive, or of clay minerals when it becomes more conductive. The chargeability anomalous targets within the bedrock are well defined on the 2D inversion models. The more contrasted zones (e.g., Ma > 25 mV/V) are correlated with resistivity lows southeast of the grid in relation with the presence of the iron formation. In the central part of the grid, most of the observed anomalies are likely caused by relatively wide bodies or swarms of closely spaced structures that are quite extensive at depth and dipping steeply to the north. Some of these anomalies are associated with the presence of sulphides and precious metals mineralized zones such as in the Lamarche prospect.

The 3D inversion maps isolate different types of IP-observed signatures by using enhancement filters. For instance, the conductive and polarizable targets seen to the

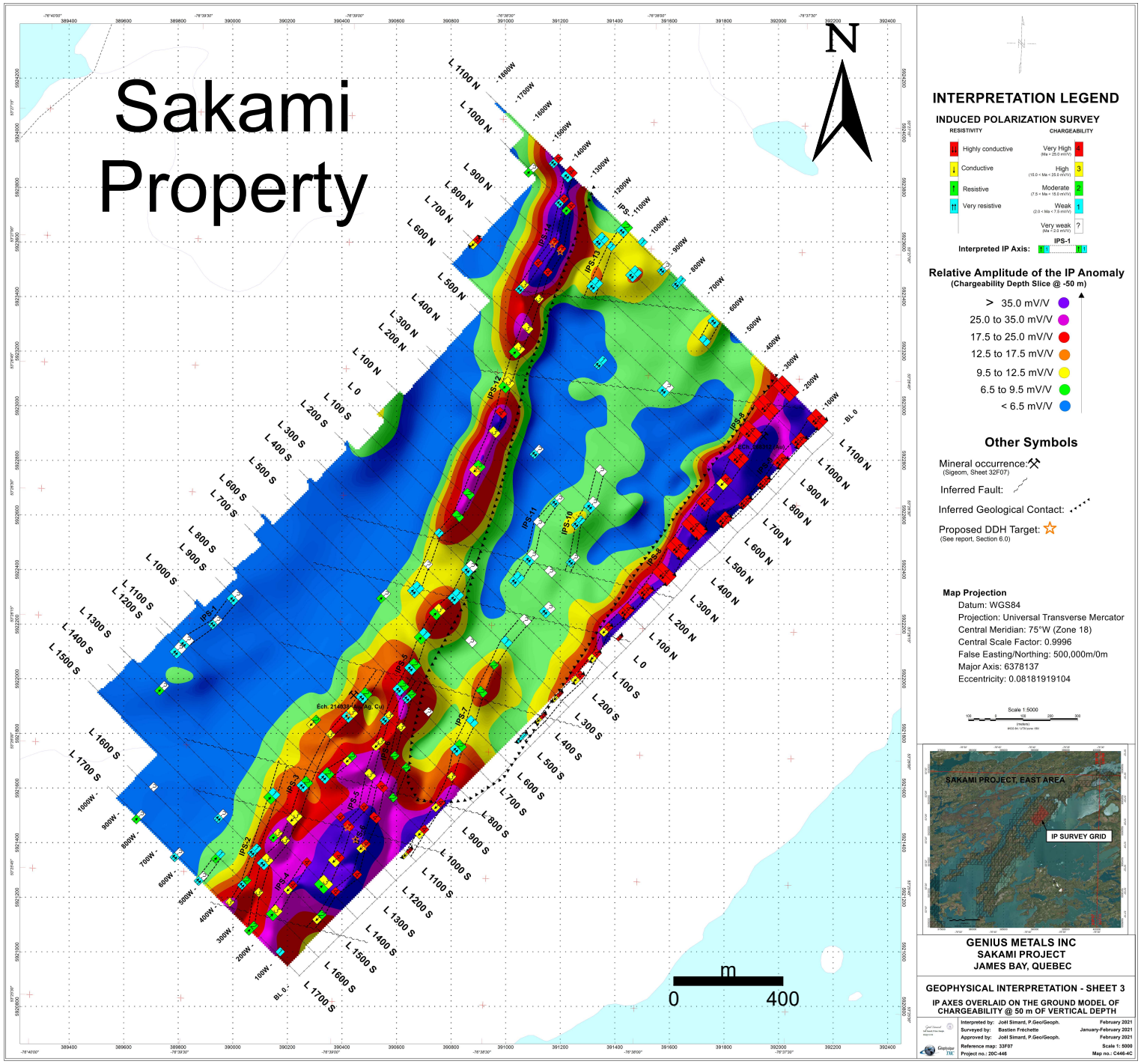

Figure 16. IP axes reported on the contour map of the ground model chargeability at 60 m of vertical depth, IP survey, northern Sakami property, James Bay Territory.

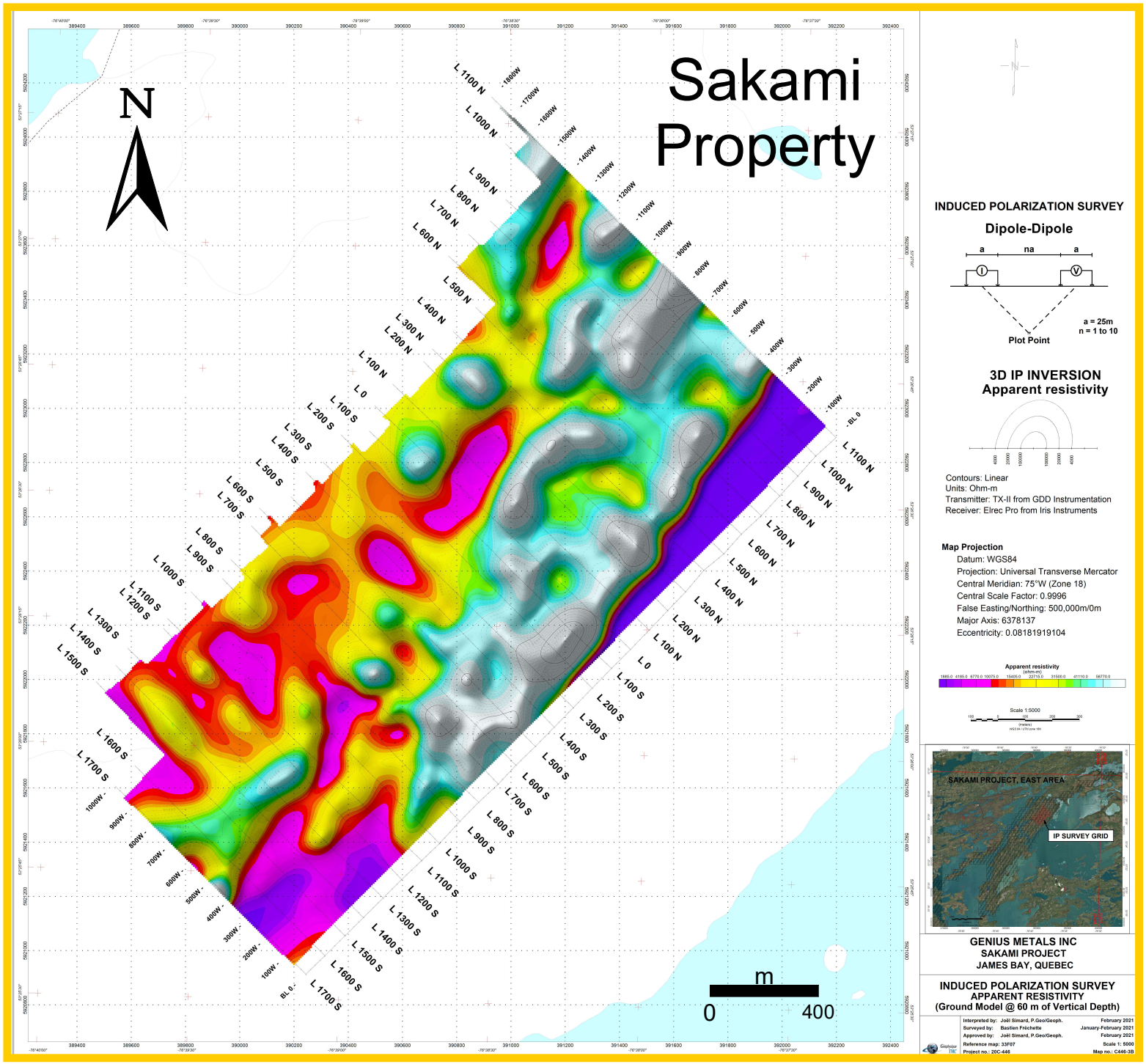

Figure 17. Apparent resistivity contour map of the ground model at 60 m vertical interval, IP survey, northern Sakami property, James Bay Territory.

southeast of the grid and associated with the iron formations were highlighted using the Metal Factor Filter. The RPT filter enhances the resistive and polarizable targets more characteristic of the anomalous features that crosscut the center of the grid. The origin of some of these anomalies are probably partially linked to disseminated or sulphide rich mineralization (+/- ferromagnesian minerals) developed along faults and/or altered geological contacts in association with quartz/carbonate veining.

Simard (2021) classified the chargeability and resistivity anomalies on the IP sections according to their relative strength. The chargeability anomalies presumed to be related to the same anomalous target are grouped together to form a polarizable axis. Fourteen (14) axes were delineated following the interpretation of the newly acquired IP dipole-dipole data (Figure 16).

9.2- Exploration Campaign, October 2019

A limited 10 day exploration and prospecting campaign was completed on the northeastern segment of the Sakami property in October 2019. The purpose of the field work was to investigate conductive and magnetic targets derived from the results of the 2019 TDEM heliborne survey. The crew operated from the Lake Sakami base camp and included two geologists, two technicians and one prospector. Three main sectors were investigated. The bulk of the sampling process was carried out on a silicate/sulphide 4 km long iron formation exposed at the faulted contact of the La Grande and Opinaca sub-provinces. The second site occurred along an important magnetic high oriented NE-SW and crossing the core of the property. The sector is dominated by altered and mylonitized metawackes and intermediate volcanic rocks. The third site is located 2 km south of the main camp and exposes mafic-intermediate metavolcanic altered rocks with small quartz ±calcite veins and rusty layers (pyrite±pyrrhotite) at the margin of a small tonalitic pluton near the Opinaca-La Grande contact. A total of 91 grab rock samples were collected rom these sites, including 12 samples totaling 10.8 linear m of channels. Their location presented in Figure 18 and the salient assay results given in Table 1 and in Appendix 2.

Only 5 gold assay values > 0.1 g/t were generated by the iron formation and associated metavolcanic rocks samples. These are altered and oxidized are garnet-bearing amphibolites (basalts) or magnetic iron formations containing variable disseminated contents of pyrite±pyrrhotite (1-5 %). Samples collected 700 NW from the IF at the core of the property yielded folded and mylonitized rocks containing quartz veins and veinlets accompanied by sulphides (pyrite, pyrrhotite, ±chalcopyrite). Gold values of 1.79, 1.11 0.22 g/t Au were obtained from a showing destined to become the Lamarche prospect. Finally, south of camp Sakami basaltic-intermediate metavolcanics with thin layers of sulphides (pyrrhotite±pyrite) generated gold concentrations of 2.55 g/t and 0.29 g/t Au respectively in area intended to become the GoldenEye prospect.

9.3- Exploration Campaign, July-August 2020

An exploration campaign was conducted within the claim boundaries of the Sakami property during the months of July and August 2020. A crew of 3 geologists and 3 assistants performed the task form the Sakami base camp with the help of a helicopter to transport the diverse teams to their initial point of their planned traverses in the bush. The work consisted of determining outcrops revealing potential mineralization followed by the collection of grab samples. In all, more than 290 outcrop sites were visited yielding a total of 302 samples. The bulk of the rock specimens represented sheared and sulphide- bearing volcanosedimentary rocks, suphide-rich quartz veins and sulphidized iron formation.

Geological mapping of the property was also carried out during the sampling process. A wide range of rock types belonging to the Yasinski Group of the La Grande subprovince were encountered. These are amphibolites (mafic-intermediate volcanics), gabbroic dykes and sills, felsic volcanic rocks, paragneiss, sericite schists, tonalitic plutons, and a suite of

Table 1. Gold assays from selected samples from outcrops investigated during the 2019 exploration campaign, Sakami property.

Sample no.	Easting*	Northing	Au (g/t)	Description
GodenEye outcrops				
X389279	387539	5916966	2.55	Formation de fer, magnétique, altération en silice, très oxydé, trace de grenats, jusqu'à 10% pyrite, trace de bornite, trace de chalcopyrite, possible arsenopyrite
X389195	388124	5917171	0.29	Roche vert foncé à grains fins, 5% magnétite en petits cristaux noirs disséminés, très oxydé en surface, présence de plusieurs horizons siliceux plissés
Lamarche outcrops				
X389175	390653	5921872	1.79	poche d'oxydation dans une milonite déformée, concentré dans la charnière d'un pli (flanc1: 212/64N, flanc2: 194/78N)
X389177	390444	5921942	1.11	Basalte légèrement cisaillé avec tr. PY et t. rCP(?)
X389178	390480	5921951	0.22	Amphibolite à grenats au contact d'un boudin de quartz
X389179	390480	5921952	0.15	Amphibolite à grenats au contact d'un boudin de quartz

*NAD83; Zone 18N

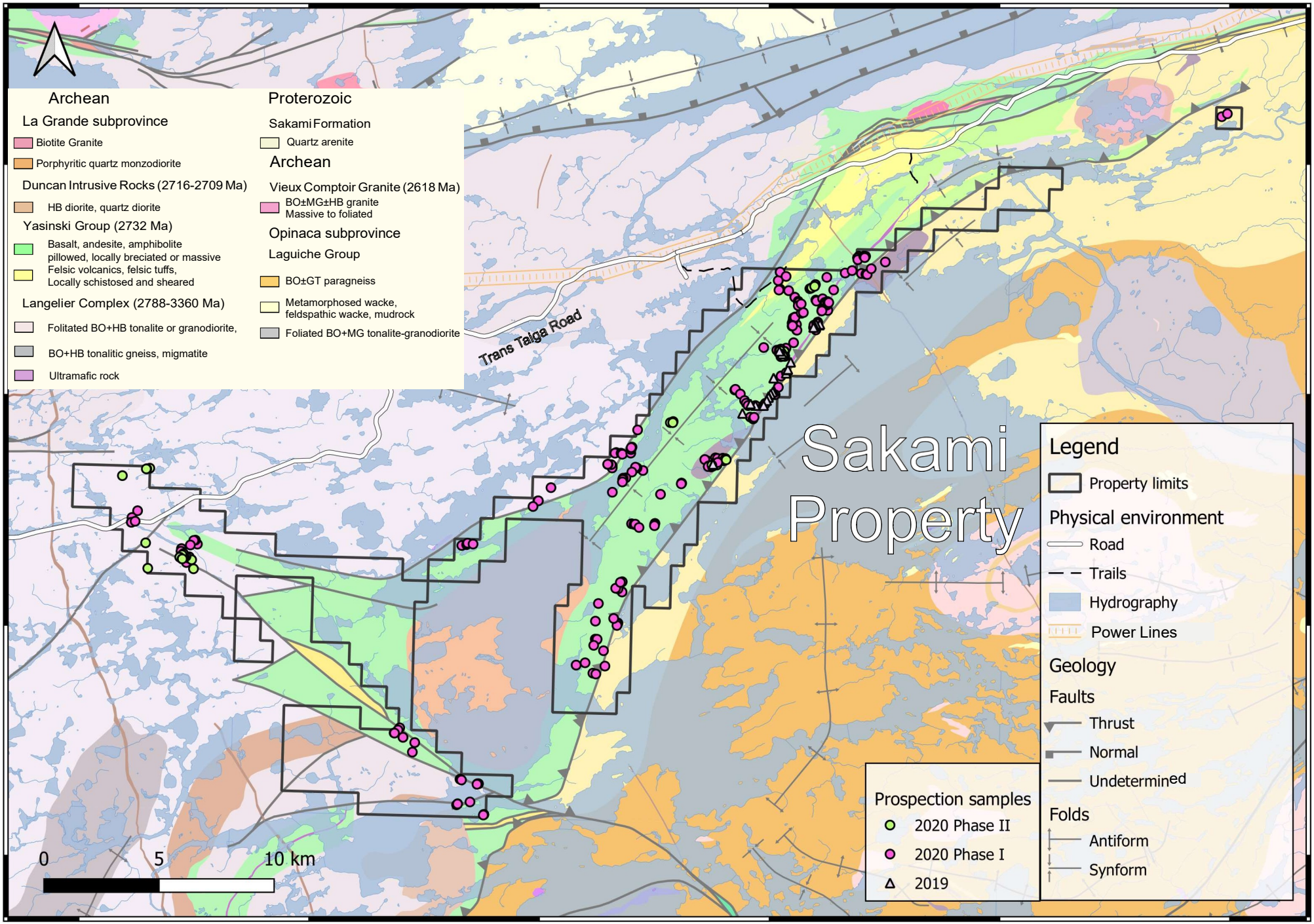

Figure 18. Localization of rock samples collected during the three exploration phases completed on the Sakami property during the summer-fall periods of 2019 and 2020, James Bay Territory.

late dykes of various composition. The geological mapping enabled the confirmation of the type and composition of the volcanosedimentary assemblages identified by MERNQ

One of the exploration targets, was the silicate facies iron formation located near the Opinaca-La Grande contact and extending along strike for 4 km. The iron formation is weakly magnetic and can attain 50–100 m in apparent width. Other IF outcrops were also observed in the southwestern area of the property near La Grande-Opinaca contact or along the northern contact of the Yasinski Group basalts with tonalitic gneiss of the Langelier Complex. The other areas of interest are associated with deformation/mylonite zones where gold is occurring with pyrite, pyrrhotite, arsenopyrite and chalcopyrite in quartz veins/veinlets or strongly altered volcanosedimentary rocks.

The localization of collected grab samples is reproduced in Figure 18.

9.3.1- High Gold Potential Sectors

Outcrop 2300-20-HGT-087; Lamarche Sector

This outcrop displays a 20 m wide folded (?) shear zone/mylonite oriented N210°/70°. It is strongly altered in sericite, ankerite, chlorite and tourmaline and mineralized in pyrite, pyrrhotite, chalcopyrite and arsenopyrite. It is located on the edge of a NE/SW-oriented magnetic-high band on strike with other historic gold showings associated with shear zones/mylonites to the SW. No significant gold values were retrieved from this site, which is surprising considering the strong alteration and shearing. However, 1.2 km southwest of the outcrop and on strike with a strong MAG anomaly, similar rock types manifested strong shearing (192°/dipping steeply to the NW) and exposed rusted high-strained altered lithologies (chlorite-quartz veinlets, quartz-carbonate-garnet) with disseminated/veins of pyrite, pyrrhotite, chalcopyrite, sphalerite, and galena. Analyses performed on grab samples yielded a value of 13 g/t Au with others ranging from 0.8 to 1.8 g/t Au. These are accompanied by silver and base metals concentrations varying from 39-266 g/t Ag, 0.47 % Cu, 1.0-19.2 % Zn and 0.80-5.56 % Pb (Figure 19a and Table 2).

Table 2. Assay values for selected grab samples collected during the 2020 field campaigns on the Sakami property.

Sample	Easting*	Northing	Rock Type	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Bi (ppm)	Description
Lamarche prospect											
B554552	390513	5921759	M8, Py Cp	13000	47.7	4680	25	21700	3	63	1-2% Py tr.Cp
A683503	390526	5921757	S3, Po Py Cp	6060	35.0	1100	346	4750	3	165	Wacke, Si+ Chl+, Po Py tr.Cp
B554859	390523	5921756	S3, Po Cp Sp	3900	31.7	1010	315	40500	30	109	2% Po 1% Cp tr.Sph
A683504	390526	5921756	S3, Po Py	1870	28.8	240	419	8940	73	116	Schistose wacke, Bo Sr, 3% Po Py
A683501	390516	5921761	S3, SF	1550	14.3	637	14	6620	2	58	Wacke, Chl+, sulfides
A1007051	390660	5921878	SZ, Sp Py Gn	870	458.0	25	38200	84200	8	2	Shear zone, 5% Sph 3%Gn 5%Py
A1007052	390660	5921879	SZ, Sp Py Gn	750	122.0	48	3700	2110	82	2	Shear zone, 5% Sph 3%Gn 5%Py
B554753	390651	5921877	SZ, Sp Py Gn	328	266.0	13	50560	192000	12	2	Shear zone, Ak Sr, Sph Gn Py tr. Cp
B554812	390490	5921954	QZ VN, Py Po	270	0.5	291	14	325	2	4	Quartz vein, garnet amphibolite, Py Po
B554813	390434	5921934	V2, SF	236	1.5	961	4	156	3	2	Intermediate volcanite, 1%sulfides
GoldenEye prospect											
B554673	387568	5916994	M16, Py	702	0.7	91	3	78	3	2	M16 Grt Py
B554674	387570	5916994	M16, Py	661	1.1	108	33	162	16	2	M16 Si+ Py
B554664	388023	5917133	S, Py	322	0.7	145	6	61	2	2	
B554663	388126	5917175	S9	151	0.2	4	2	5	2	2	formation de fer, au contact avec I1
B554675	387572	5916998	M16, Py	144	0.5	89	4	54	2	2	M16 Grt Si+ Py
Trans Taiga showing											
A1007006	364799	5912960	I1, Py	2630	1.0	66	15	33	2	2	Intrusif avec 1% py stg
B554575	364800	5912960	I2, Py	1870	0.4	104	9	34	2	2	I2 avec 1-2% py
A1007005	364794	5912954	I1, Py	1560	0.8	32	3	33	2	2	Intrusif felsique avec 1% py amas
B554876	361896	5916484	I1, Py	491	7.7	4450	4	33	2	3	2% pyrite, bande rouillée mineralisée
A1007007	364797	5912958	I1	290	0.8	23	13	70	2	2	Intrusif felsique

* NAD83; Zone 18N

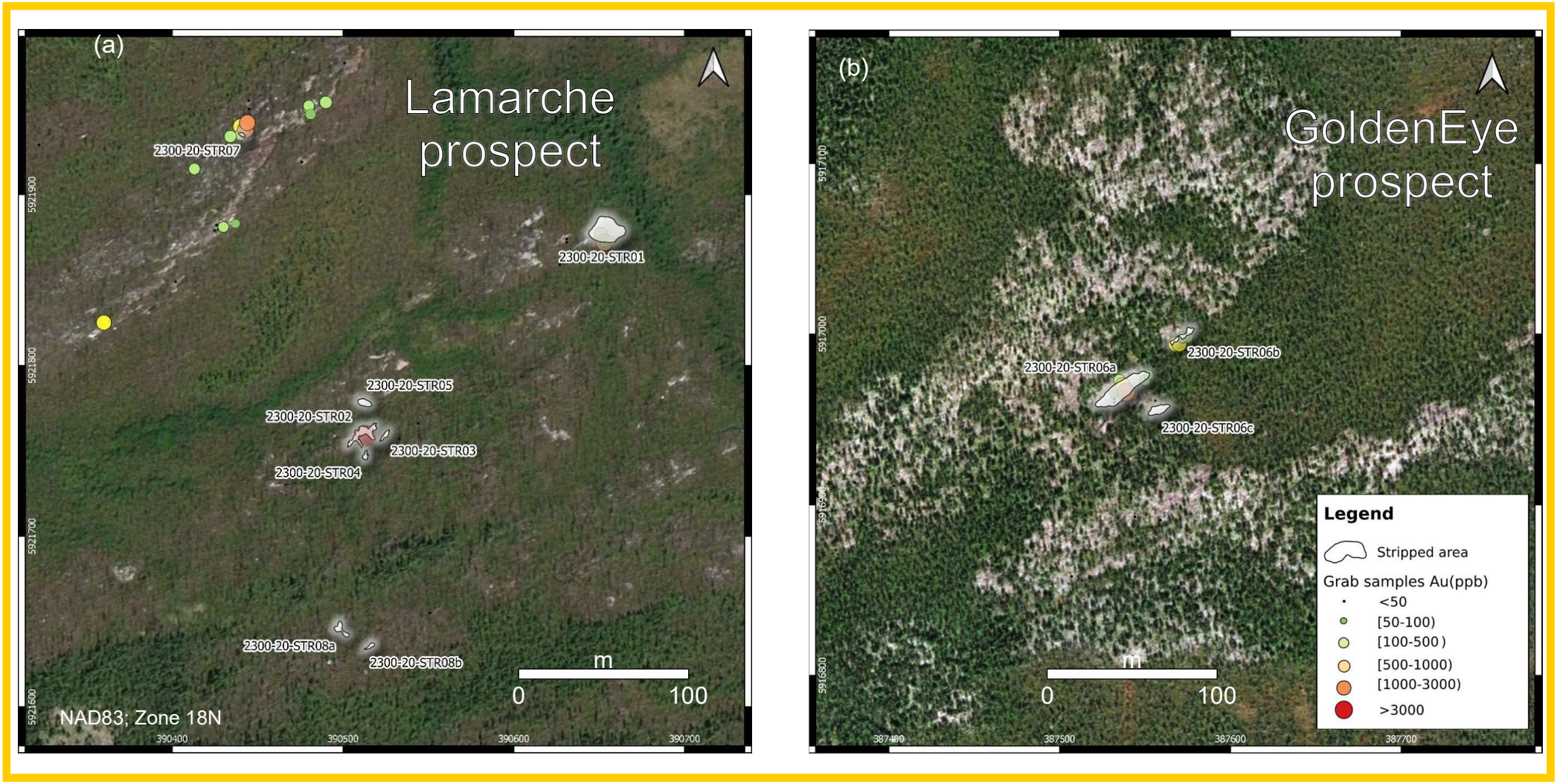

Figure 19. Localization of the stripped outcrops for the (a) Lamarche and (b) GoldenEye prospects, accompanied by the localization of the grab samples collected during the 2019 and 2020 field campaigns. The extent of both maps is 400 x 400 m. Sakami property, James Bay Territory.

GoldenEye Sector

Prospecting was undertaken in the area surrounding a showing explored in 2019 and producing a 2.55 g/t Au value. This outcrop is associated with a strong chargeability value defined from a 2018 ground-based IP survey. Located near a late tonalitic pluton, the site first described in 2019 as an iron formation is now interpreted as rusty and mineralized (pyrite+pyrrhotite) mafic volcanic rocks. Several samples were collected in the vicinity of the showing in a 650 m X 200 m area (Figure 19b). Several sample locations correspond with a high chargeability axis. Other prospective conductive mineralized zones were discovered running the Beep Mat over ground.

Results from the collected grab samples provide gold values ranging from 0.64 to 2.55 g/t Au, including 0.86, 0.70 and 0.66 g/t Au (Figure 19b and Table 2).

9.4- Exploration Campaign, September 2020

9.4.1- Introduction

Genius Metals implemented a second exploration campaign to follow the previous work program which covered the entire property (Figure 16). The 2020 fall campaign objective was to investigate two high-potential zones, the Lamarche and the GoldenEye prospects, through mechanical stripping, channel sampling and targeted prospection and mapping. The other task aimed to explore in more detail the Trans-Taiga showing discovered in the Langelier Complex that generated a gold value of 1.8 g/t Au from a grab sample. This discovery prompted Genius Metals to increase its claim portfolio in the northwestern region adjacent to the original property. This newly acquired ground was visited and prospected for outcrops showing characteristics similar to the mineralized samples.

Laurentia Exploration devoted a team of three 3 Geologists/Engineers in Geology and 3 technicians to the latest exploration work. The crew was lodged at the Sakami Camp and transport to the working sites performed by helicopter. Mechanical stripping was conducted with a tractable mini-excavator and/or hand shovels. A total of 29 non-contiguous areas from the Lamarche and GoldenEye prospects were stripped leaving 751 m^2 of exposed bedrock. A total of 78.7 linear metres of channel sampling was completed (Table 3). The assay results for specific elements are provided in Appendix 3.

9.4.2- The Lamarche Prospect

The Lamarche prospect was defined during the summer 2020 campaign by one sample yielding 13 g/t Au and other samples with Au concentrations > 1 g/t within a 200 m radius. The prospect is characterized by two 250 x 60 m ridges of outcrops. It exposes chlorite-biotite ±pyrrhotite metawackes invaded by small quartz ±calcite veins and displays fine-grained mafic-intermediate volcanic rocks with lesser amounts of medium-grained meso-gabbro. The schistosity and shears generally undulate between (N 90°-230°)/(55°-65°).

The main sector stripped of overburden was centered around the outcrop yielding the 13 g/t Au value and its extension. It contains four distinct zones presenting a similar geology and mineralization, (~135 m^2). Channel sampling of the different sites produce 50 rock samples over 33.3 linear metres with 21 new grab samples collected. In detail, the geology of the main Lamarche prospect (Figure 20) is characterized by a moderately chloritized biotite ±garnet metawackes containing 0.5 to 2 % disseminated pyrrhotite, and of dismembered folded quartz-calcite veins with chlorite-pyrite enriched selvages (Figure 21a, b). The metawacke is in gradual contact with a fine-grained intermediate greenish (volcanic?) rock having biotite and acicular amphiboles outlining a steep lineation. 20-50 cm thick rusty bands lying semi- to conformable to the main schistosity occur and are possibly associated with denser and thicker (> 5 cm) quartz veins. The rusty appearance is attributable to sulfide mineralization in the form of disseminated pyrite, pyrrhotite and

Table 3. Main assay results from channel samples collected from the Lamarche and GoldenEye prospects during the 2020 campaign, Sakami property.

Channel no.	Easting*	Northing	From (m)	To (m)	Length (m)	Sample no.	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Description
Lamarche prospect												
TR01-R1	390654	5921876	0.0	1.0	1.0	1007055	351	712.0	209	40400	28100	Patine altérée brunâtre et fraîche grise pâle. Granulométrie fine. Réagis a l'acide localement dans les bandes leucocrates. La roche est faiblement magnétique. La roche contient 2 a 3 % de grenats et localement peut aller jsuqu'a 5%. Un rubannement est observé entres les bandes millimétriques mélanocrates riche en ferromagnésiens et les bandes leucocrates riche en plagioclases. Localement des veinules rouillées aux épontes de carbonates viennent recoupées le rubannement. Le rubannement est diffus. Localement 4-5% de sphalérite et galène cubique sous forme de veinules millimétriques (0,4 m). Dans l'ensemble 0,5 a 1% pyrite disséminé et 0,5 % chalcopyrite en amas.
TR02-R2	390516	5921760	0.0	1.0	1.0	683510	1710	3.4	177	4000	11	Encaissant S3 biotite fortement chloritisé. 0.5% grenat et 1% Po. Échantillon centré sur une zone à veines de quartz (20 vol%). Forte altération de l'encaissant (chlorite, carbonates, grenat grossier) et amphiboles noirs/verts prismatiques non-orientés. Veinules à pyrite et traces chalcopyrite.
			0.4	1.4	1.0	683540	1390	39.6	915	0	531	Échantillon assez spectaculaire et varié. On reconnait souvent le protolithe (S3 biotite-chlorite, grenat, Po-Py, mais contient de nombreuses altérations et veinules minéralisées irrégulières. Veinules pluri-cm de Py-Sphalérite massive (50/50), bordures chloriteuses. Pyrite sub-idiomorphe dans une matrice de sphalérite. Silicification irrégulière mais localement forte. Traces de chalcopyrite, localement 5-10%. 1% pyrrhotite traces chalcopyrite dans la matrice silicifiée. Traces de graphite. Contient également quelques dm d'un niveau plus schisteux à séricite faible-moyenne, silicification et 2% pyrite disséminée.
TR03-R2	390528	5921754	0.0	0.9	0.9	683542	86	0.9	129	3900	41	Wacke biotite-chlorite 1% grenat 1% pyrrhotite localement veinules (2%) millimétriques de pyrite traces de sphalérite et chlorite.
			0.9	1.4	0.5	683543	385	6.9	790	0	216	Wacke, 3% Py-Po (2:1) à amas et veinules de biotite. Quelques veinules sub-centimétriques de pyrite traces sphalérite lié à de petites veines de quartz et silicification. Traces de séricite.
			1.4	2.4	1.0	683545	326	1.4	448	8340	34	Échantillon plus schisteux à séricite-chlorite et bandes de biotite, 2% Grenat. 2% pyrrhotite dans la matrice, pyrite en proto-veinules (sphalérite en traces). Contient des bandes à pseudomorphes de grenat complètement biotisé.
			2.4	3.4	1.0	683546	286	2.8	250	2240	51	Composite. Voir précédent et schiste à séricite météorisé. Carbonates.
GoldenEye prospect												
TR06-R9	387586	5916991	0.0	0.5	0.5	1007098	14	1.6	19	87	17	Roche beige pâle en surface altérée et gris moyen foncé en cassure. Modéremment siliceuse. Traces grenat, 2-3% amphibole. Petits clastes siliceux. En première interprétation, protolithe de V1/V2 tuf. Veine cm à quartz-calcite, veinule de pyrite.
			0.5	1.0	0.5	1007099	1060	1.8	104	57	14	Roche mafique , silicification et chloritisation modérées, 1% grenat et 4% pyrite en stringers. Environ 10 cm du dyke porphyrique.

Table 3. Main assay results from channel samples collected from the Lamarche and GoldenEye prospects during the 2020 campaign, Sakami property.

Channel no.	Easting*	Northing	From (m)	To (m)	Length (m)	Sample no.	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Description
			1.0	2.0	1.0	1007100	456	2.4	179	703	161	Encaissant fortement silicifié et chloritisé. Nombreuses veines parfois pluri-cm à contacts diffus (quartz-carbonates). Localement 10% sulfures (pyrrhotite/pyrite) en amas/veinules. Bandes à grenat.
			2.0	3.0	1.0	1007001	190	1.4	72	57	17	Amphibolite à chloritisation modérée, silicification et veine de quartz modérés. Traces de calcite. 3% grenat, 1% pyrite. Une veine (3-4 cm) de quartz-carbonate avec chlorite, pyrite, pyrrhotite.
			3.0	4.0	1.0	1007002	1150	2.1	147	23	9	Amphibolite à veinules de quartz. 60% de l'échantillon est fortement météorisé. Veines de quartz-carbonates (bréchique), nombreuses veinules à amphiboles, chlorite. Jusqu'à 10% pyrite/pyrrhotite.
			4.0	4.6	0.6	1007004	3090	3.5	147	49	16	Continuité de la zone à quartz-carbonates-chlorite 10% pyrite-pyrrhotite. Se termine avec 20 cm de basalte peu altéré à veinules de quartz-feldspath comme dans les premières rainures.
TR06-R7	387571	5916993	0.0	1.0	1.0	1007092	1020	1.8	97	116	15	Échantillon fortement rouillé et météorisé sur 70% de sa longueur. Amphibolite, veines de quartz cm irrégulières, silicification modérée en veinules, 3% de grenat jusqu'à 4 mm et 3-4% pyrite.
			1.0	2.0	1.0	1007093	312	0.8	20	49	< 2	5% grenat 0.5-4 mm. Quelques veines (5 mm) de quartz +/- chlorite. Globalement 4% pyrite en bordure du quartz.
TR06-R8	387579	5916997	0.0	1.0	1.0	1007095	1100	1.8	100	46	6	Échantillon fortement rouillé et météorisé sur 40% de sa longueur. Au mètre 0 on reconnait le protolithe basaltiques mais la chloritisation/amphibolitisation est rapidement quasi-complète. Quelques veinules de quartz-calcite, 7% grenat 5 mm, 2% veinules de pyrite.
			1.0	2.0	1.0	1007096	162	0.9	18	60	5	Zone de transition, échantillon composite. (1/2) M16 Grt (5%), 4% veinules qtz-cb, jusqu'à 5% pyrite liée aux veines. (1/2) Zone non-minéralisée, basalte, chlorite moyen faible, veine cm, traces Grt.
			2.0	3.0	1.0	1007097	312	1.2	41	51	6	Hétérogène. Basalte, chloritisation faible. Zone à silicification hétérogène assez forte. 1% grenat. Localement 3% pyrite, globalement 1% calcite. Magnétique

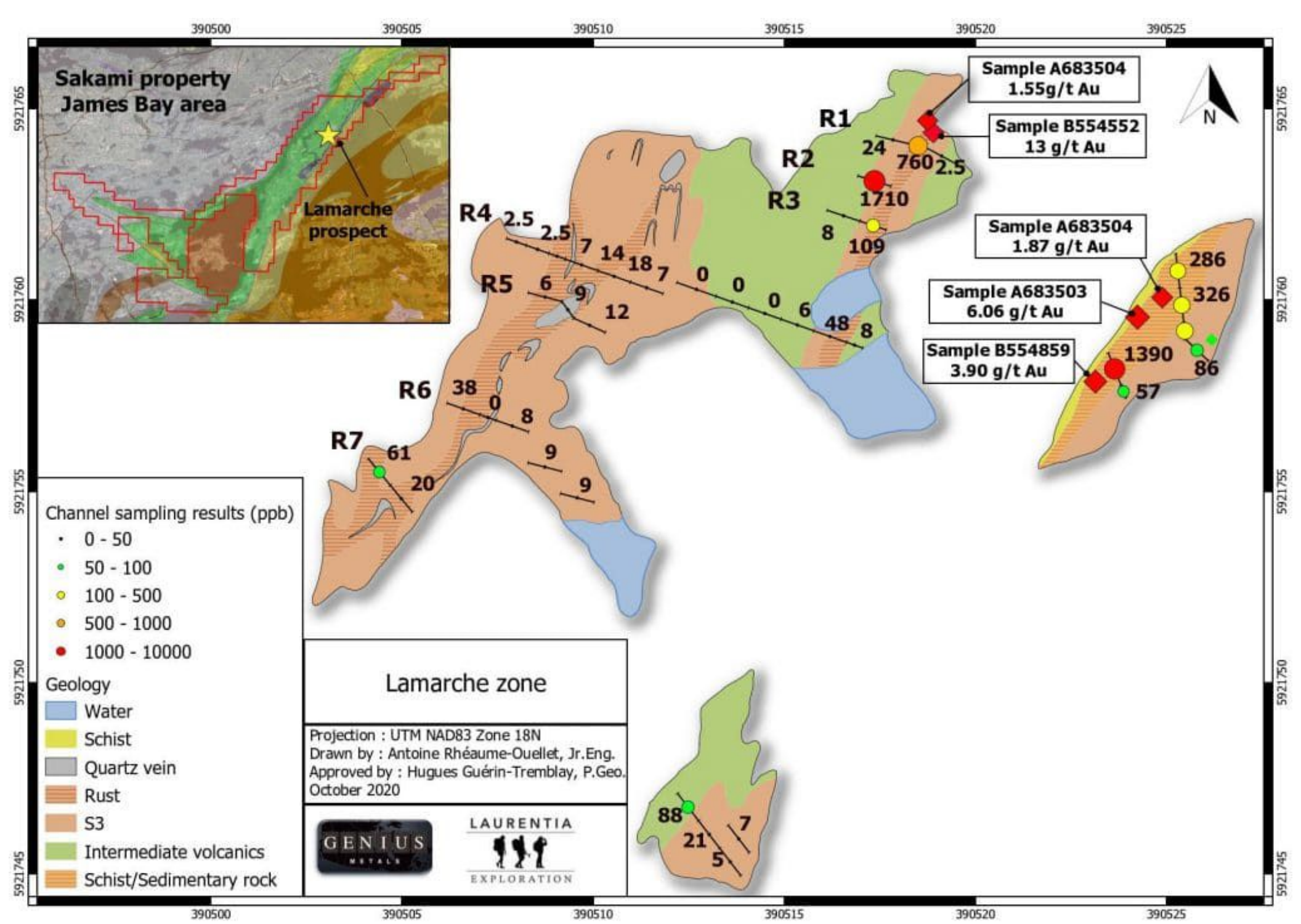

Figure 20. Geology and localization of grab/channel rock samples collected during the 2020 field campaign on three of the cleared outcrops of the Lamarche prospect, Sakami property, James Bay Territory. Gold values are reported on the map.

Figure 21a. Cm-thick pyrite-sphalerite vein with traces of chalcopyrite in a chlorite-metagreywacke, trench no. 20-STR03.

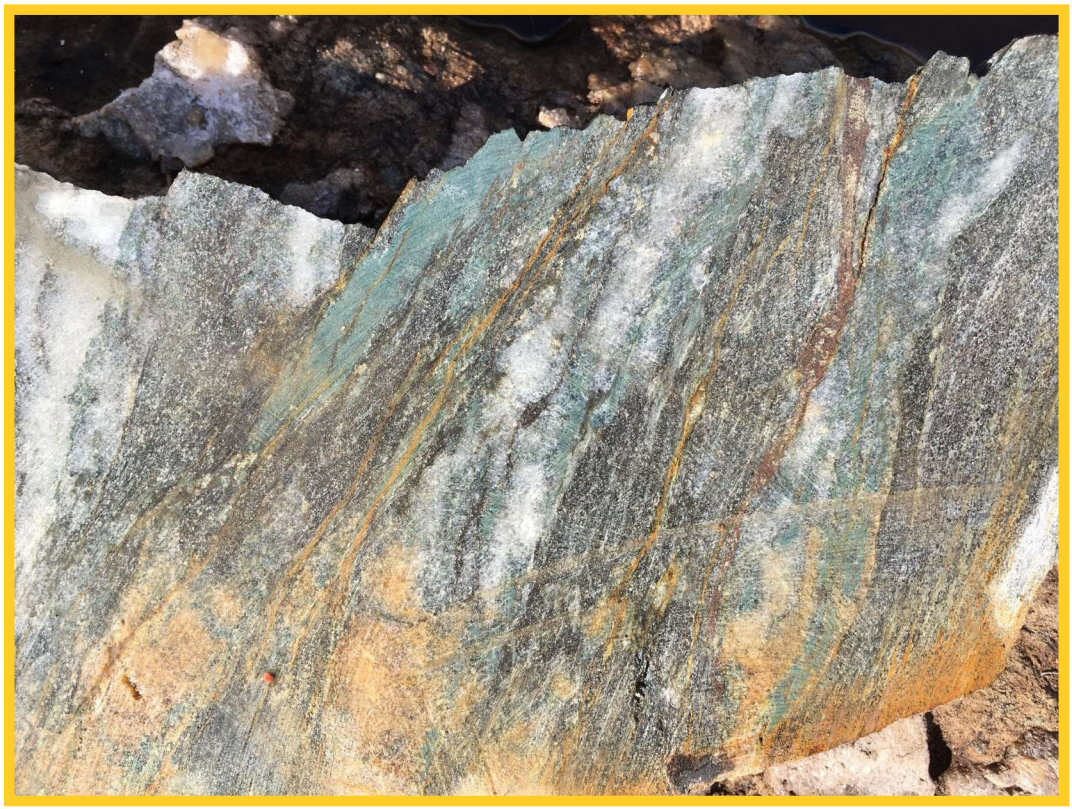

Figure 21b. Mineralized chlorite-biotite-garnet metagreywacke with quartz-calcite-chlorite veins, pyrite-sphalerite veinlets and traces pyrrhotite, trench 20-STR02.

chalcopyrite; and to veins of massive pyrite-sphalerite ± pyrrhotite. The easternmost part of the stripped zone shows a thick, strongly rusted metasedimentary core mineralized in pyrite-sphalerite-pyrrhotite-chalcopyrite. The host-rock is distinctive being conductive, more schistose and containing traces of sericite and graphite. It is bordered by heavily meteorized barren sericite-schists. Preliminary structural analysis in the region suggests important multi-scale folding, with NNE moderately plunging axes, as is manifested in the central quartz vein.

Manual stripping of an outcrop located approximately 200 meters NW of the main zone produced 8.2 m of channels including 9 samples. The outcrop reveals a biotite-metawackes (paragneiss) with 2-5 % garnet, 0.5-1 % disseminated pyrite, chalcopyrite and, carbonate-bearing thin leucocratic veins. Locally, rusty sheared bands contain veins of galena-sphalerite. Two other outcrops with areas of 7 m^2 and 37 m^2 exposing biotite±garnet paragneiss with disseminated or stringers pyrite, chalcopyrite (1-2 %) were stripped of the overburden and sampled.

The analytical results generated grab samples with Au values of 1.55 to 6.10 g/t from the main trenches area (Figure 20), accompanied by Ag (14.3-31.7 g/t), Cu (637-1100 ppm), and Zn (0.48-4.05 %) concentrations confirming the polymetallic character of the mineralization (Appendix 3).

Channel sampling produced the following intervals (Table 3):

1.71 g/t Au, 3.4 g/t Ag and 0.4 % Zn over 1 m.
1.01 g/t Au, 28.5 g/t Ag and 3.76 % Zn over 1.4 m.
0.26 g/t Au, 2.9 g/t Ag, 0.58 % Zn over 3.4 m.

The Lamarche prospect is distinctive because of its high silver and zinc concentrations. 13 samples carry Ag concentrations > 10 g/t (11-712 g/t), whereas 40 samples provided assays > 1000 ppm Zn (1070 ppm to 8.42 %) (Table 2 and Appendix 3).

The current data confirms the results obtained during the first phase of the exploration program that yielded a grab sample value of 13 g/t Au with other samples ranging from 0.8 to 1.8 g/t Au. Those auriferous values are accompanied by silver and base metals concentrations varying from 39-266 g/t Ag, 0.47 % Cu, 1.0-19.2 % Zn and 0.80-5.56 % Pb.

9.4.3- The GoldenEye Prospect

The GoldenEye prospect defined from a grab sample yielding 2.55 g/t Au was extended 50 meters on-strike to the NE and returned several anomalous gold values (up to 0.7 g/t Au). The prospect correlates with a high chargeability IP anomaly. Overburden stripping in two areas separated by 60 m on strike covers 296 m^2. Channel sampling of the GoldenEye prospect produced 35 samples over 33.3 linear meters.

The prospect is characterized by a very fine-grained dark basalt/amphibolites with occasional garnet porphyroblasts and locally discordant small fine-grained quartz-feldspar-calcite veins (Figure 22). Locally, these veins are abundant enough to leave the rock with a breccia-like appearance. Larger diffuse quartz-calcite-chlorite veins may overprint the previously described veins. Mineralization is concentrated in rusty bands richer in pyrite and/or pyrrhotite (up to 4% in veinlets/stringers) with traces chalcopyrite (Figure 23a, b). The mineralized amphibolite can become altered in green chlorite±garnet with several pervasive quartz-calcite veins. Mineralization consists of up to 10% pyrite-pyrrhotite in veins and clusters. A felsic to intermediate feldspar porphyry dyke intrudes and crosscuts facies and structures. The intrusive body is locally mineralized, through thin pyrite-pyrrhotite veins. The principal structures vary from (N220°-260°)/(55°-65°).

Channel sampling generated gold intersections (Table 3) such as

1.02 g/t Au over 4.1 m
0.67 g/t Au over 2.00 m (including 1.02 g/t Au over 1m.)
0.52 g/t Au over 3m. (including 1.10 g/t Au over 1m.)

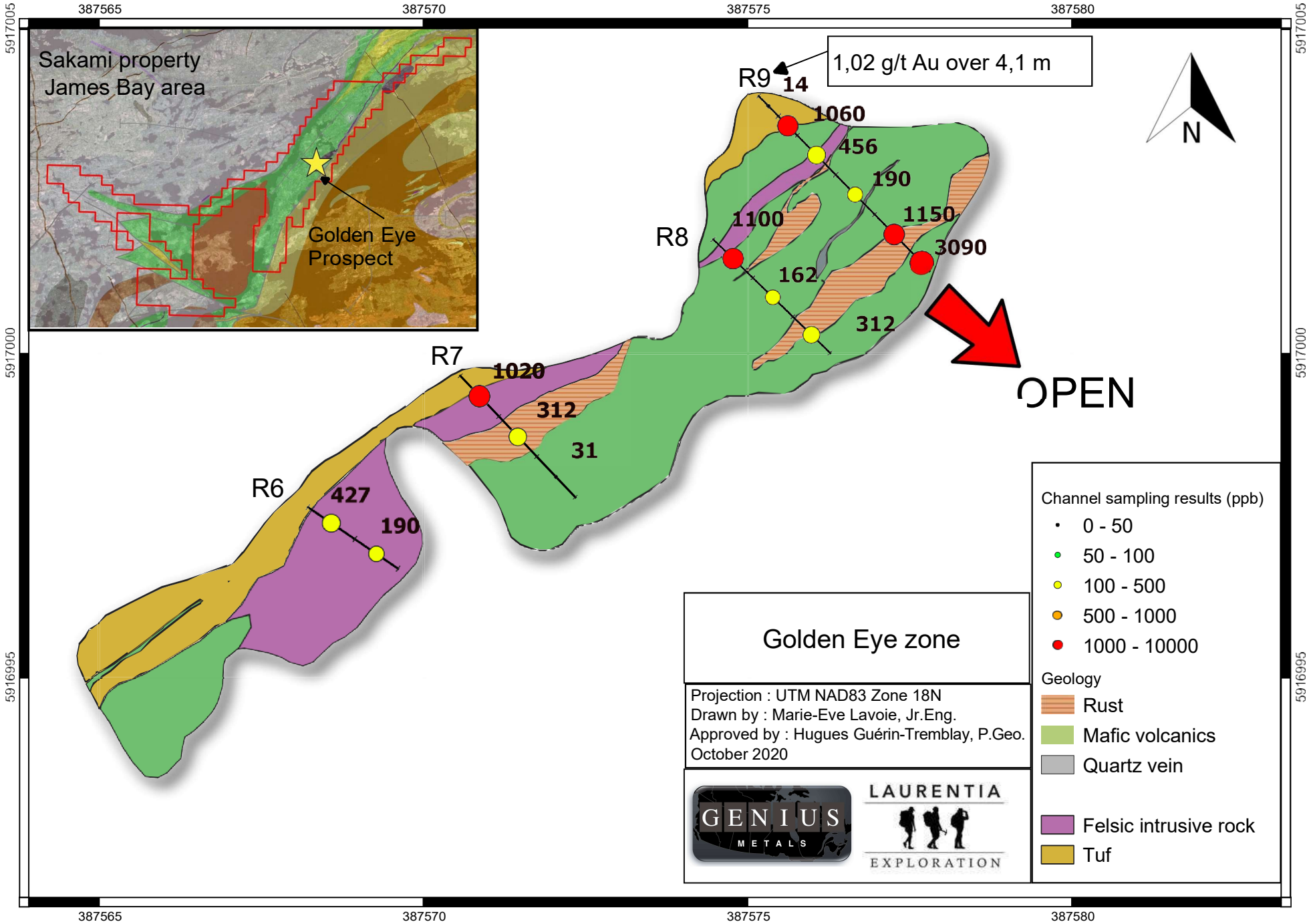

Figure 22. Geology and localization of grab/channel rock samples collected during the 2020 field campaign on one of the cleared outcrops of the GoldenEye prospect, Sakami property, James Bay Territory. Gold values are reported on the map.

Figure 23a. Mineralized basalt/andesite with irregular felsic veins and trace garnet, trench 20-STR06a, GoldenEye prospect, north Sakami property, James Bay Territory.

Figure 23b. Overburden stripping, GoldenEye prospect, north Sakami property, James Bay Territory.

The new analytical data corresponds to those obtained during the past exploration phase which produced gold values ranging from 0.64 to 2.55 g/t Au (Table 2 and Appendix 3).

9.4.4.- The Trans-Taiga showing

The Trans-Taiga showing located 25 km WSW from the Sakami Lake camp generated a gold anomalous value of 1.9 g/t prompting the acquisition of 35 new claims from Genius Metals. The original site was revisited, and the new claims mapped and sampled. A total of 23 new outcrops were described, which form part of the Langelier Complex basement gneiss. The investigation revealed multi-pulse tonalitic gneisses, tonalitic-granodioritic-granitic intrusions, migmatites, diorites and sedimentary and intrusive xenoliths. A strongly deformed and folded zone with disseminated pyrite mineralization was identified.
At the original site of discovery, grab samples collected along a 10 m long SW/NW-striking zone yielded values of 2.63 g/t Au, 1.87 g/t au, 1.56 g/t Au and 0.29 g/t Au, respectively. The mineralization is contained within the tonalitic gneiss in pyrite-bearing quartz veins and pyrite stringers (Table 2).

ITEM 10 DRILLING

No drilling work was performed on the property.

ITEM 11 SAMPLE PREPARATION, ANALYSES AND SECURITY

Genius metals implemented a strict QA/QC protocol in processing all rock samples collected from the Sakami property. The protocol included the insertion and monitoring of appropriate reference materials, in this case certified gold standards, blanks and duplicates, to validate the accuracy and precision of the assay results.

A total of 562 rock samples were collected by geologists or technicians supervised by professional geologists. Each sample was tagged, inserted in a sturdy plastic bag, and tied

with strong adhesive tape. Furthermore, 85 channel samples were collected from three mineralized sites which were previously stripped from their overburden. 3 cm-wide channels were cut with a portable gas-powered rock saw handled by technicians supervised by a professional geologist. The length of each channel corresponding to one sample varied from 0.5 to 1.5 m. A total of 78.7 linear meters were extracted. Again, each channel fragments were aggregated to form one sample inserted in a sturdy plastic bag, tagged, and tied with strong adhesive tape. The entire batch of samples was transferred into rice bags and transported by helicopter to the Sakami Lake base camp where they were securely stored in a tent. The samples were then shipped by truck to the Actlabs Laboratories in Timmins, Ontario.

The rocks (<8 kg) were dried, crushed to 70% passing 2mm sieve, split to 250 g and pulverized to 85% passing 75 µm sieve. All samples were analyzed using the Aqua regia ICP-EOS method for 38 elements. Samples having contents > 10 000 ppm Cu; > 10 000 ppm Zn; > 5000 ppm Pb; > 100 ppm Ag were re-analyzed by the Code-8 method (aqua regia). Gold was determined by Fire Assay with an atomic absorption finish (method 1A2B AA). Samples having gold concentrations > 10 ppm Au were re-analyzed with the 1A3-50 method (pyroanalysis with a gravimetric finish).

The Ancaster Actlabs laboratory in Ontario accredited has obtained the ISO/IEC 17025 Certification from the Standards Council of Canada for a number of specific test procedures including fire assay Au by AA, ICP and gravimetric finish, multielement ICP and AA Assays for Ag, Cu, Pb, and Zn. Actlabs standard operating procedures require the analysis of quality control samples (reference materials, duplicates, and blanks) with all sample batches. As part of the assessment of every data set, results from the control samples are evaluated to ensure they meet set standards determined by the precision and accuracy requirements of the method. The analytical laboratory uses barren wash material between sample preparation batches. This cleaning material is tested before use to ensure no contaminants are present and results are retained for reference.

The authors are confident that the size and weight of all rock samples were adequate and that the sampling procedures covered a representative part of the base metal and gold mineralization exposed within the Sakami property. The data from the quality control checks did not indicate any significant bias or quality control issues for the Actlabs results. The authors have not visited the Actlabs Laboratories to see the operation firsthand, nor are they familiar with the general historical performance of the facilities. A professional geologist was constantly involved during the sampling procedures and shipping process. Handling and transport all followed a protocol established by the field geologists that include a strict chain of custody from sampling to the laboratory. Therefore, the integrity of the samples is indisputable. Actlabs is a ISO-certified lab independent of the Issuer, Laurentia, Geon or GoldMines Geoservices. In conclusion, the authors believe that the sampling preparation, security, and analytical procedures were adequate and consistent with generally accepted industry best practices.

ITEM 12 DATA VERIFICATION

The samples were collected and assembled before lab shipping under the supervision of Hugues Guérin-Tremblay (P. Geo), Antoine Réhaume-Ouellet (Ing. Jr) and/or Patrice Rioux (GIT) from Laurentia Exploration. The authors have validated the geochemical analyzes provided by the Actlabs Minerals laboratories including the elements concentrations of their in-house standards and their blank samples. QA/QC procedures implemented by Laurentia Exploration comprises the introduction of blank samples and the incorporation of CRM standards OREAS 228b, 628b, 624 and CDN-ME-1204. Table 4 presents the analytical results for all standards relative to the recommended values and for blank samples specific for Au, Ag, Cu, Pb, Zn and As. All standard assay values are within a 2σ interval of the recommended concentrations and the blanks carry low elemental concentrations. The assay data are thus satisfactory, and the authors are of the opinion they are fully compliant with the NI-43-101 norm and are a just representation of the mineralization currently present at the Sakami property.

Mr. Rachidi (P.Geo., and independent QP) was not able to visit the property at the moment of the writing of this report due to the COVID-19 situation and to the no-fly-zone over the property lasting until 01 June 2021. These restrictions have affected the rules imposed by securities regulators, as one of the pillars of compliant Technical Reports is that at least one QP has to conduct a personal inspection of the property. This is because the QP must physically confirm the extent of the mineralization and that the work being reported was actually carried out on the property. As this situation is changing now, the field work is allowed since June 1st 2021 (the end of the no-fly-zone period respecting hunting rights in the James Bay during the Goose Break). The COVID-19 restrictions will be lifted on May 28th 2021 as long as people keep getting vaccinated. Mr. Rachidi plans a site visit from the 9th to 11th June 2021.

ITEM 13 MINERAL PROCESSING AND METALLURGICAL TESTING

Table 4. Assay values for selected elements performed on CRM standards during the course of the 2020 sampling campaign. The recommended values are given in the table.

Standard	Nb. Samples	Au (ppm)	1 SD	Ag (ppm)	1 SD	Cu (ppm)	1 SD	Pb (ppm)	1 SD	Zn (ppm)	1 SD	As (ppm)	1 SD
		Average		Average		Average		Average		Average		Average	
CDN-ME-1204 (A)	3	0.76	0.20	54.0	0.7	5007	136	3993	83	23150	495	1713	60
CDN-ME-1204 (Re)		0.98	0.07	58.0	6.0	5190	220	4430	240	23600	1200	----	----
OREAS 228b (A)	7	8.17	0.40	1.3	0.2	142	7	15	2	69	3	28	2
OREAS 228b (Re)		8.57	0.20	1.2	0.5	137	5	18	1	69	5	30	2
OREAS 602b (A)	3	2.24	0.09	121.7	6.5	5383	116	429	19	848	51	978	33
OREAS 602b (Re)		2.29	0.10	119.0	4.0			493	19	764	24	847	47
OREAS 624 (A)	2	1.21	0.08	36.9	4.2	30500	424	6135	332	23200	566	96	6
OREAS 624 (Re)		1.16	0.05	46.1	4.3	31000	790	6240	190	24000	930	115	9
BLANK	14	0.0025		0.2		6		1		7		1	

A= Assay value

Re= Recommended value

There was no mineral processing or metallurgical testing during the course of this study.

ITEM 14 MINERAL RESOURCES

There was no mineral resource estimate during the course of this study.

ITEM 23 ADJACENT PROPERTIES

There are several key mineral properties adjacent to the Sakami properties that display significant gold mineralization (Figure 24) . The most important are the Osisko Development's La Grande Sud (310 000 Oz Au; Non NI43-101), Quebec Precious Metals Sakami project and Harfang Exploration Serpent project.

ITEM 24 OTHER RELEVANT DATA AND INFORMATION

There is no other relevant data and information.

ITEM 25 INTERPRETATION AND CONCLUSIONS

The Sakami property is strategically located southwest of Osisko Development's Zone 32 gold-mineralized body and in contact to the southwest with Quebec Precious Metals La Pointe gold prospect. The two mineralized sites were submitted to extensive exploration throughout the 90's which persists to date. The Sakami property was given less attention and sporadically explored during the 2000's; the focus being the 4-7 km long sulphide-rich iron formation marking the contact between the La Grande and Opinaca structurally-bounded contact. The northeast segment of the property was particularly given scant attention even if the gold-prospective volcanic assemblages associated with the Zone 32 mineralization appear the extend to the southwest within the Sakami property. The recent discovery of the polymetallic gold-bearing Lamarche and GoldenEye prospects combined with the current drone MAG and ground-based IP resistivity survey results indicate a 3 km NE-SW-oriented sheared, altered, and mineralized corridor within intermediate volcanic and metasedimentary rocks. The corridor may be the extension of the sheared and mineralized Zone 32.

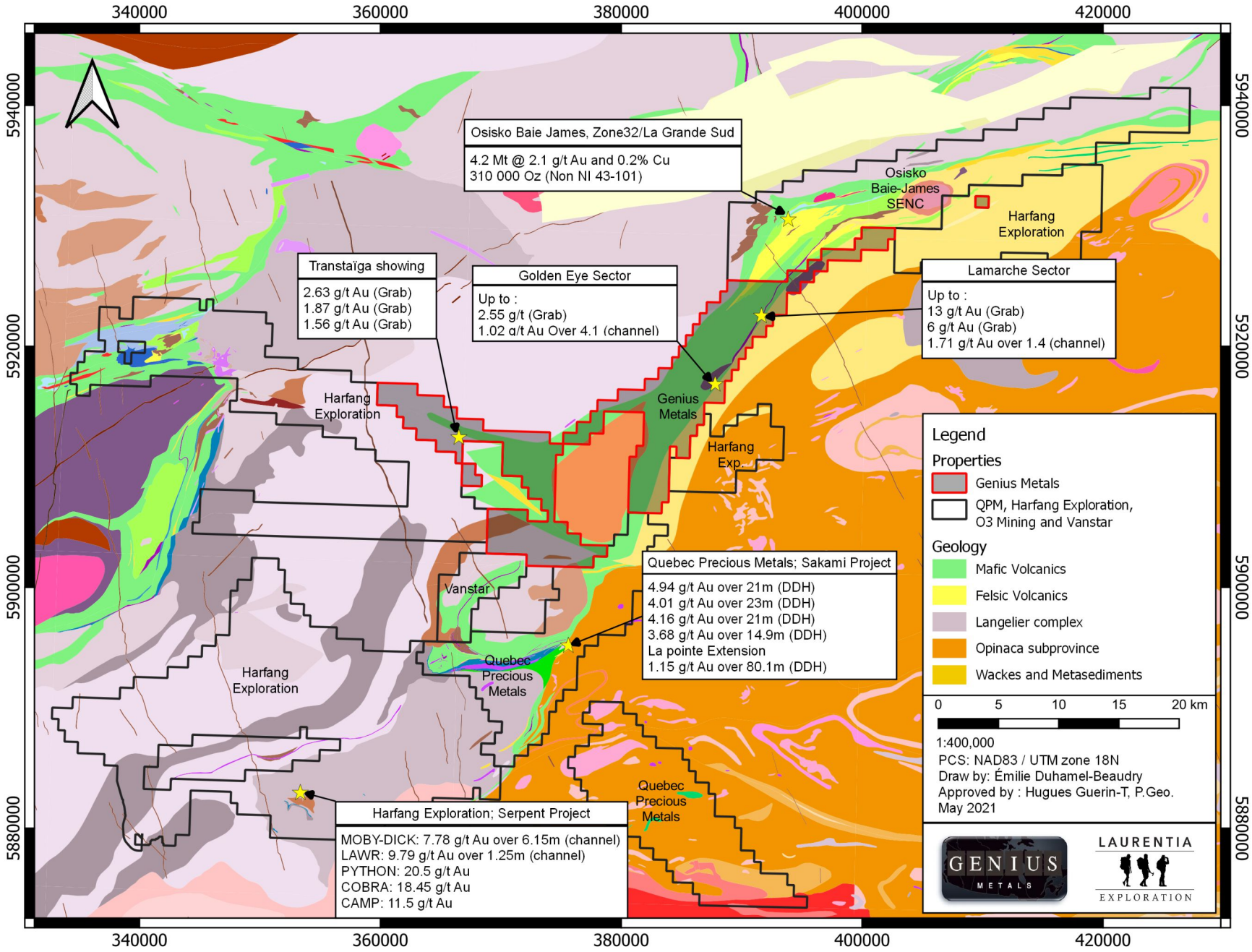

Figure 24. Adjacent projects to the Sakami prroperty as of May 2021.

The Sakami property, located in the James Bay Territory of the Province of Quebec, straddles the structural contact between the Opinaca and La Grande Archean subprovinces. It is contained within the NTS sheets 33F06, 07, 08, 09 and 10 and consists of a block of 399 continuous mineral claims totaling 205.2 km^2. The claims are 100%-owned by Genius Metals Inc. and can be reached by the Trans-Taiga road giving access to a pier followed by a short boat ride to the Lake Sakami base camp. Alternatively, transport by floatplane or helicopter form Radisson is possible.

The La Grande subprovince is an Archean volcanoplutonic assemblage composed of an ancient tonalitic basement (2.79-3.36 Ga; the Langelier Complex), several westward-younging volcanosedimentary assemblages and of multiple ultramafic to felsic intrusions. The Langelier Complex is formed by gneissic and foliated tonalites of the Langelier Complex. The complex is in structural contact with younger supracrustal sequences composing the Yasinski (2733 Ma) and the Lac Guyer (2820 Ma) groups. The former is constituted of tholeiitic basalts, feldspathic wackes, magnetite-bearing iron formations, andesitic and felsic pyroclastite of calco-alkaline affinity. Basalt and andesitic basalts are the dominant lithologies encountered in the Yasinski Group. These are tholeiitic in affinity and occur principally as pillowed, less frequently massive, or brecciated flows. Andesitic flows and tuffs of intermediate composition also occur. The clastic rocks of the Ekomiak Formation rest unconformably on the Yasinski Group and are limited by numerous faults. The principal lithology is represented by a polygenic conglomerate characterized by tonalite clasts. The supracrustal rocks are intruded by diorites, quartz diorites and hornblende-biotite tonalites of the Duncan intrusions (2709-2716 Ma), ultramafic intrusions, the vast Radisson batholith (2712 Ma) and by late to post-tectonic intrusions, such as the Vieux-Comptoir Granite (2618 Ma) and the quartz monzodiorite and porphyritic granodiorite of the Bezier Pluton (2674 Ma).

Exploration work completed by Genius Metals from 2019-2021 on the Sakami property consisted of a heliborne MAG and TDEM survey covering most of the property and three more limited surveys. An IP and MAG ground-based survey centered on the Sakami Lake base map was completed in 2019. In 2021, a high-resolution drone MAG survey

followed by a ground-based IP resistivity survey targeted a gold-prospective terrane associated with the Lamarche prospect. A series of field campaigns were conducted from 2019 to 2020 on the entire property, and included prospecting, geological mapping, overburden stripping/trenching, and grab rock accompanied by channel sampling.

The 2019 IP and MAG survey conducted on grid centered on the Lake Sakami camp showed homogeneous magnetic values except in the central part of the grid where higher values are associated with the silicate/sulphide iron formation layer. The IP survey revealed numerous IP axis most of them correlated with high magnetic horizons. Results of the heliborne MAG and TDEM survey highlighted NNE-SSW oriented linear magnetic features characteristic of alternating sequences of mafic volcanic rocks/gabbroic sills with sedimentary or intermediate to felsic rocks accompanied by small intrusive stocks. The TDEM survey detected an important conductor reflecting the 200-400 m wide x 7 km long NNE-SSW to NE-SW-oriented conductor associated with a silica/sulphide iron formation.

The 3D Magnetization Vector Inversion (MVI) from the drone survey data revealed anomalous targets/bodies characterized by relatively high magnetic susceptibilities (MS), whereas the iron formations to the southeast are dominated by slightly higher MS values. Filtered magnetic lineaments or crests showed a main NE-SW-oriented structural trend (marked by several faults ?) following the prevalent schistosity and disrupted EW-oriented short lineaments. Contour maps generated from the IP survey 2D inversion process indicate chargeability anomalies apparently confined within two main distinct horizons surrounding a resistive unit occupying the center-south and center northeast of the Lamarche prospect grid. The main and better-defined anomalous polarizable horizon is oriented N30º and crosses the center of the grid thinning to the northeast and becoming broader to the southwest. In many instances, the central chargeability anomaly coincides with MAG anomalies. The 3D inversion maps using the RPT filter enhances the resistive and polarizable targets more characteristic of the anomalous features that crosscuts the center of the grid. The origin of some of these anomalies are probably partially linked to disseminated or sulphide rich mineralization (+/- ferromagnesian

minerals) developed along faults and/or altered geological contacts in association with quartz/carbonate veining.

Field exploration and subsequent sampling yielded a total of 647 rock samples, including 85 distributed into 29 channels totaling 78.7 linear meters. Geological/structural mapping and rock sampling allowed the discovery of two gold/polymetallic prospects (Lamarche and GoldenEye) and one showing (Trans-Taiga).

The Lamarche prospect is currently interpreted as a 500 x 350 m shear zone/deformation corridor. The altered polymetallic shear contains veins and/or disseminated pyrite, pyrrhotite, chalcopyrite, sphalerite, and galena within fine-grained chlorite-biotite metasediments. The prospect is distinctive for of its high silver and zinc concentrations. 13 samples carry concentrations of Ag > 10 g/t (11-712 g/t), whereas 40 samples provided assays > 1000 ppm Zn (1070 ppm to 8.42 %). The first exploration phase of the exploration program yielded a grab sample value of 13 g/t Au with other samples ranging from 0.8 to 1.8 g/t Au. These auriferous values are accompanied by silver and base metals concentrations varying from 39-266 g/t Ag, 0.47 % Cu, 1.0-19.2 % Zn and 0.80-5.56 % Pb. Channel sampling produced the following intervals: 1.71 g/t Au, 3.4 g/t Ag and 0.4 % Zn over 1 m ; 1.01 g/t Au, 28.5 g/t Ag and 3.76 % Zn over 1.4 m and, 0.26 g/t Au, 2.9 g/t Ag, 0.58 % Zn over 3.4 m.

Mineralization at the GoldenEye prospect consists of pyrite-rich or pyrrhotite ± chalcopyrite-bearing rusty bands rich and/or within basalt-andesite/amphibolitic flows intruded by felsic intrusive rocks. Channel sampling yielded values of 1.02 g/t Au over 4.1 m, 0.67 g/t Au over 2.00 m (including 1.02 g/t Au over 1m.) and 0.52 g/t Au over 3 m. (including 1.10 g/t over 1m.). The channel samples gold data correspond with those obtained during the first exploration phase which produced gold concentrations ranging from 0.64 to 2.55 g/t Au.

The Trans-Taiga showing exposes strongly sheared granitoids (tonalite/granodiorite) within the Langelier Complex basement. The gold mineralization is contained within the granitoids, pyrite-bearing quartz veins and in pyrite stringers. Preliminary gold assays from

grab samples collected along a 10 m long SW-NW-striking zone yielded values of 2.63, 1.87, 1.56 and 0.29 g/t Au, respectively.

Geological and structural mapping is recommended, followed by rock sampling to look for extensions of the three mineralized sites. The Lamarche and GoldenEye prospects will beneficiate from further overburden stripping and thorough investigation for unearthing new outcrops (Phase I). Field exploration should be followed by a 3000 m exploration drilling campaign focused on the Lamarche and GoldenEye prospects and their extensions. Phase I of exploration is estimated at $219,835, whereas Phase II is expected to cost $748,590.

ITEM 26 RECOMMENDATIONS

Following the extensive exploration work accomplished by Genius Metals on the Sakami property during the last 1½ year, strongly oriented toward airborne and ground geophysical surveys, overburden stripping, grab, and channel sampling, the authors are providing two key recommendations.

The first recommendation entails detailed exploration work along the 1.3 km long NE-SW-oriented geophysical corridor related to the Lamarche prospect. Geological and structural mapping, followed by rock sampling should look for extensions of the Lamarche polymetallic mineralization. The exploration program will beneficiate from further overburden stripping and thorough investigations for unearthing new outcrops. A similar approach is proposed to further develop the GoldenEye prospect located southwest of the Lamarche site. Particular attention should be given to the contact of metavolcanic rocks and exposed tonalitic pluton near the Opinaca/La Grande sheared zone. Exploration of the strong chargeability anomalies detected southwest of the Lamarche showing should also be a priority notwithstanding the paucity of outcrops. Investigation around the Trans-Taiga showing yielding interesting gold values should be ramped-up and enlarged owing to the important gold mineralization discovered in the Langelier Complex by Harfang Exploration on their property located 15 km southwest of Sakami.

The author proposes a team of 3 geologists and assistants to accomplish the task by helicopter from the Sakami base camp over a 2–3-week period. Estimated budget for the Phase I of the Sakami campaign is $219,835.

The second recommendation involves a 3000 m exploration drilling campaign focusing on the Lamarche and GoldenEye prospects and their extensions. The geography and means of accessing the Sakami property imply a helicopter-driven campaign resulting in higher drilling costs. These are estimated at $748,590. (Phase II).

26.1- Budget Breakdown

EXPLORATION SAKAMI PROPERTY (2021)	COST
Phase I	
PREPARATION FIELD WORK	$6,400
FIELD WORK	
Mob-Demob (2 pick-up trucks + closed trailer+food)	$7,200
3 geologists x $800/day x 20 days	$48,000
3 technicians x $515/day x 20 days	$30,900
EQUIPMENT	
Diamond saw	$1,000
3 x field tablets	$900
First Aid Kit, Air Medic Insurance coverage, sat phone, various tools, etc..	$800
EXCAVATOR	
Mini Excavator: 8 days x $300/day	$2,400
Trenching kit	$900
VARIOUS MATERIALS	
Bags, QA/QC materials, rice bags, samples tags, tie wrap, markers, etc…	$1,000
ASSAYING	
350 samples X $40/sample (Au Fire Assay +ICP-MS)	$14,000
Sample shipping	$400
HELICOPTER	
Mob-Demob	$6,800
20 days X$2,800/day with fuel	$56,000
COMPILATION AND PRODUCTION	
Map production and assay results compilation: 35 hrs x $90/hr	$3,150
FOOD AND LODGING	
Camp Sakami	$10,000
REFURBISHING CAMP SAKAMI	$10,000
Sub Total	$199,850
Contingency (10%)	$19,985
Total	$219,835
TPS (5%)	$10,992
TVQ (9.975%)	$21,929
Grand Total	**$252,755**

26.1- Budget Breakdown (Ctnd.)

EXPLORATION SAKAMI PROPERTY (2021)	COST
Phase II	
EXPLORATION STAFF	
Planning, organization, managing	$10,200
Supervision senior geologist: 5 days X $850/day	$4,250
Gear preparation	$4,400
Senior geologist: 30 days x $850/day	$25,500
Geologist In Training (GIT): 30 days x $650	$19,500
Technician: 30 days x $550/day	$16,500
Permitting	$1,000
Compilation, map production	$3,400
TRANSPORT AND EQUIPMENT	
Geotic Log and Geotic Mine utilization	$2,850
Diamond saw for core sampling	$2,250
Generator rental for core shack	$1,200
ATV rental (monthly rate)	$3,000
Mob-demob (staff for drilling campaign)	$2,600
Mob-demob (Hugues Guérin-Tremblay)	$2,000
Crew change	$2,000
Rental of different equipment (hi resolution kodak, rack, tools, etc…)	$750
Chainsaw rental (include tools, piece, etc…)	$600
Various (First Aid Kit, Insurance coverage, sat phone, walkie-talkies	$1,800
Various Materials (bags, Standards, Blank, rice bags, Dymo, etc…)	$1,595
Diamond blades for core sampling	$1,750
Core rack	$7,000
ASSAYING	
1330 samples x $40/sample (Base metals and pathfinders (Au-AA-23 + ME ICP41)	$53,200
Sample shipping	$1,000
DRILLING AND HELICOPTER	
2000 m x $240/m	$480,000
Rig Mob-Demob	$8,000
Helicopter Mob-Demob	$4,200
FOOD AND LODGING	
Camp Sakami	$20,000

26.2- Budget Breakdown (Ctnd.)

EXPLORATION SAKAMI PROPERTY (2021)	
Phase II	
Sub Total	$680,545
Contingency (10%)	$68,045
Total	$748,590
TPS (5%)	$37,430
TVQ (9.975%)	$74,672
Grand Total	***$860,692***

ITEM 27 REFERENCES

Boileau, P. 2001. Levés géophysiques (Magnétique et P.P.-résistivité) effectués sur le projet Sakami, Municipalité de la Baie James, Québec, SNRC 33F02 pour Matamec Exploration Inc.

Boily, M. 2013a. Technical report, rock sampling program on the Northern Sakami property. Ministère des richesses Naturelles et de la Faune du Québec, GM67708; 51 pp.
Boily, M. 2013b. Technical report, humus sampling program on the Sakami property. Ministère des richesses Naturelles et de la Faune du Québec, GM67563; 87 pp.

Boily, M. 2013c. Rapport de travaux d'exploration simplifié, projet Sakami. Ministère des richesses Naturelles et de la Faune du Québec, GM67562; 38 pp.

Boily, M. 2108. Exploration work completed in the South Block of the Sakami Property, Baie James area, Quebec (NTS sheet 33F07), September-October 2017. Assessment Report;

Boiron, M.-C., Cathelineau, M., Banks, D.A., Yardley, B.W.D., Noronha, F., Miller, M.F. 1996. P-T-X conditions of late Hercynian fluid penetration and the origin of

granite-hosted gold-quartz veins in northwestern Iberia: A multidisciplinary study of fluid inclusions and their chemistry. Geochimica et Cosmochimica Acta, v. 60; p. 43-57.

Boniwell, J. B. 1965a. Report on magnetic, electromagnetic, and geological surveys. Zulapa Mining Corporation limited. Ministère des richesses Naturelles et de la Faune du Québec, GM 16839; 12 pp.

Boniwell, J. B. 1965b. Report on magnetic, electromagnetic, and geological surveys. Godfrey A. Clarke. Ministère des richesses Naturelles et de la Faune du Québec, GM 16902; 12 pp.

Boniwell, J. B., 1965c. Report on magnetic, electromagnetic, and geological surveys. St-Mary's Exploration limited. Ministère des richesses Naturelles et de la Faune du Québec, GM 17060;15 pp.

Burrows, D.R., Spooner , E.T.C. 1987. Generation of a magmatic H2O-CO2 fluid enriched in Au, Mo, and W within an Archean sodic granodiorite stock, Mink Lake, northwestern Ontario. Economic Geology, v. 82; p. 1931-1957.
Card, K. D., Ciesielski, A. 1986. Subdivisions of the Superior Province of the Canadian Shield. Geoscience Canada, volume 13, no. 1; p. 5-13.

Caron, L., Fouques, J.P.1979. Rapport d'étude des travaux de la campagne d'été 1978 sur les secteurs Domino-Danois-Ganiq Nord. Ministère des Ressources Naturelles et de la Faune du Québec, GM 34229; 43 pp.

Ciesielski, A. 1998. Compilation géologique de la partie orientale de la Province du Supérieur, Québec. Commission Géologique du Canada; dossier public 3580, I carte annotée; (1 : 1 000 000).

Ciesielski, A. 1999. Géologie et lithogéochimie de la partie occidentale de la sousprovince de Bienville et des zones adjacentes dans l' est de la Province du Supérieur, Québec. Commission Géologique du Canada; dossier public 3550; 90 pp.

Couture, J.F. 2001.Rapport technique d'un levé magnétique effectué par Gestion Minière Explorer, projet Sakami, Québec, Canada, 33F02. Ministère des richesses Naturelles et de la Faune du Québec, GM58648; 10 pp.

De Chavigny, P. 1998. Reconnaissance géologique, permis JVT/Boréale. Ministère des Ressources Naturelles et de la Faune du Québec, GM 56161; 88 pp.

Desbiens, H., 1996.Géologie de la propriété LG-3 (Option Battle Mountain), La Grande Rivière, Baie-James, Québec (33G12). Ministère des Ressources Naturelles et de la Faune du Québec, GM 55563; 55 pp.

Digonnet, S. 2001. Rapport des travail effectués sur le PEM: 0001531, propriété Sakami, Municipalité de la Baie James, Québec, Canada, SNRC32F002. Ministère des richesses Naturelles et de la Faune du Québec, GM59019; 24 pp.

Dubé, B., Poulsen K.H., Guha, J. 1989. The effects of layer anisotropy on auriferous shear zones: The Norbeau mine, Quebec. Economic Geology, v. 84; p. 871-878.

Dubé, J. 2020a. Technical Report, heliborne Magnetic and TDEM Survey, Sakami Nord project, James bay Region, Quebec, 2019; 40 pp.

Dubé, J. 2020b. Technical Report, High-Resolution Heliborne Magnetic Survey Sakami Property, Sakami Lake area, Eeyou Istchee Baie-James region, Québec, 2020; 26 pp.

Dupuis, J.C., Lavoie, L., Morel, R., 1976. Rapport de sondage et d’échantillonnage sur l’indice Ganiq. Ministère des Ressources Naturelles et de la Faune du Québec, GM 34122, 294 pp.

Eade, K. E. 1966. Fort George and Kaniapiskau river (west half) map-areas, New Quebec. Geological Survey of Canada, Memoir 339; 84 pp.

Eade, K. E., Heywood, W. W., Lee, H. A. 1957. Sakami Lake area, New Quebec. Geological Survey of Canada; Map 23-1957.

Ernst, R.E., Buchan, K,L., Goutier, J., Leclair, A., Lamothe, D. 1998. Reconnaissance paleomagnetic study of diabase dykes of James Bay and Ashuanipi regions of Quebec. Program and Abstract, AGC-AMC Metting; p. A-53.

Gauthier, M . 1996. Géologie de la région du lac Sakami, SNRC 33F. Ministère des richesses Naturelles et de la Faune du Québec, Carte de compilation au 1:250000; MB 96-13.

Gauthier, M., Larocque, M., Chartrand, F. 1997. Cadre géologique, style et répartition des minéralisations métalliques du bassin de La Grande Rivière, Territoire de la Baie James. Ministère des richesses Naturelles et de la Faune du Québec, MB 97-30; 65 pp.

Girard, R. 1996. Géologie et évaluation des permis d'exploration Sakami, Sakami-Extension, Gaber, Lac Amélie, Lac au Caribou, Mills et Sipanika et des terrains réservés au jalonnement TA-30, Bézier, Kawawashishkamach et Gaber-extension. Ministère des Ressources Naturelles et de la Faune du Québec, GM 54440; 100 pp.

Goutier, J., Dion, C., Ouellet, M.C., David, J., Parent, M. 2000. Géologie de la région des lacs Guillaumat et Sakami (33F/02 et 33F/07). Ministère des richesses Naturelles et de la Faune du Québec, RG99-15; 40 pp.

Goutier, J., Dion, C., Ouellet, M.C., Langevin, P.M. Davis, D.W., 2001a. Géologie de la Colline Masson, de la Passe Awapakamich, de la Baie Carbillet et de la Passe Pikwahipanan (SNRC 33F/09, 33F/10, 33F/15 et 33F/16). Ministère des richesses Naturelles et de la Faune, RG 2000-10; 67 pp.

Goutier, J., Dion, C., Ouellet, M.C. 2001b. Géologie de la région de la colline Bézier (33G/12) et du lac de la Montagne du Pin (33G/13). Ministère des Ressources Naturelles et de la Faune, RG 2001-13; 55 pp.

Goutier, J., Dion, C., Ouellet, M.-C., Davis, D.W., David, J., Parent, M. 2002. Géologie de la région du lac Guyer (33G/05, 33G/06, 33G/11). Ministère des Ressources Naturelles et de la Faune du Québec, RG 2001-15; 53 pp.

Groves, D.I., Goldfarb, R.J., Robert, F., Hart, C.J.R. 2003. Gold deposits in metamorphic belts: Overview of current understanding, outstanding problems, future research and exploration significance. Economic Geology, v. 98; p. 1-29.

Groves, D.I., Goldfarb, R.J., Gebre-Mariam, M., Hagemann, S.G., Robert, F. 1998. Orogenic gold deposits: A proposed classification in the context of their crustal distribution and relationship to other gold deposit types. Ore Geology Review, Special Issue, v. 13; p. 7-27.

Hodgson, C.J. 1993. Mesothermal lode-gold deposits. In Kirkham, R.V., Sinclair, W.D., Thorpe, R.I., and Duke, J.M., eds., Mineral Deposits Modelling. Geological Association of Canada, Special Paper 40; p. 635-678.

Hodgson, C.J. 1989. The structure of shear-related, vein-type gold deposits: a review. Ore Geology Review, v. 4; p. 231-273.

Hodgson, C.J., Hamilton, J.V. 1989. Gold mineralization in the Abitibi greenstone belt: end-stage result of Archean collisional tectonics? Economic Geology Monograph 6; p. 86-100.

Hutchinson, R.W. 1993. A multi-stage, multi-process genetic hypothesis for greenstone-hosted gold lodes. Ore Geology Reviews, v. 7; p. 349-382.

Kerrich, R., Goldfarb, R., Groves, D., Garwin, S. 2000. The geodynamic of world-class gold deposits: characteristics, space-time distribution and origins. In Hagemann, S.G., and Brown, P.E., eds., Gold in 2000. Society of Economic Geologists, Reviews in Economic Geology, v. 13; p. 501-551.

Kerrich, R., Cassidy, K.F. 1994. Temporal relationships of lode gold mineralization to accretion, magmatism, metamorphism, and deformation – Archean to present: A review. Ore Geology Review, v. 9; p. 263-310.

Kontak, D.J., Smith, P.K., Kerrich, R., Williams, P.F. 1990. Integrated model for Meguma Group lode gold deposits, Nova Scotia, Canada. Geology, v. 18; p. 238-242.

Lamarche, L., Lavallée. 1998. Rapport de prospection pour les projets Sakami 1 et 2 Ministère des richesses Naturelles et de la Faune du Québec, GM58475; 24 pp.

Lavallée, J. 2003. Matamec Exploration Inc., rapport des travaux de prospection, été 2002, propriété Sakami, Municipalité de la Baie James, Province de Québec, Canada (SNRC: 33F02-07). Ministère des richesses Naturelles et de la Faune du Québec, GM60046; 63 pp.

Masson, M. 1996. Mines et Exploration Noranda Inc. Rapport de cartographie 1994. Projet LG-3. Canton 3220 33G12. Ministère des Ressources Naturelles et de la Faune du Québec, GM53741, 29 pp.

Mikucki, E.J. 1998. Hydrothermal transport and depositional processes in Archean lode-gold systems: A review. Ore Geology Review, Special Issue, v. 13; p. 307-321.

Mills, J. P. 1965. Sakami Lake (South area). Ministère des richesses Naturelles et de la Faune du Québec, DP-I 00; 16 pp.

Mills, J. P. 1967. Long Lake Map Area. Ministère des richesses Naturelles et de la Faune du Québec, DP-141; 10 pp.

Mills, J. P. 1973. Sakami Lake (North area). Ministère des richesses Naturelles et de la Faune du Québec, DP-148; 7 pp.

Mills J. P. 1974. Petrological studies in the Sakami-Lake greenstone belt of northwestern Québec. University of Kansas, PhD thesis; 190 pp.

N'Dah, E. 2004. Matamec Exploration Inc., synthèse des travaux effectués durant l'hiver 2002, propriété Sakami, secteurs "Péninsule " et "Indice JR", Municipalité de Ia Baie-James, Québec, Canada, SNRC : 33F/02. Ministère des richesses Naturelles et de la Faune du Québec, GM60822; 20 pp.

Nesbitt, B.E., Murowchick, J.B., Muehlenbachs, K. 1986. Dual origins of lode gold deposits in the Canadian Cordillera. Geology, v. 14; p. 506-509.

Neumayr, P., Groves, D.I., Ridley, J.R., Koning, C.D. 1993. Syn-amphibolite facies Archaean lode gold mineralisation in the Mt. York District, Pilbara Block, Western Australia. Mineral Deposita, v. 28; p. 457-468.

Osborne, B.S. 1995. A report on a reconnaissance programme in the La Grande region (summer 1995). Ministère des Ressources Naturelles et de la Faune du Québec, GM 55392; 76 pp.

Penczak, R.S., Mason, R. 1997. Metamorphosed Archean epithermal Au-As-Sb-Zn-(Hg) vein mineralization at the Campbell mine, northwestern Ontario. Economic Geology, v. 92; p. 696-719.

Robert, F., Poulsen, K.H. 2001. Vein formation and deformation in greenstone gold deposits, In Richards, J.P., and Tosdal, R.M., eds., Structural Controls on Ore Genesis.

Society of Economic Geologists, Reviews in Economic Geology, v. 14; p. 111-155.

Robert, F., Poulsen, K.H., Dubé, B. 1994. Structural analysis of lode gold deposits in deformed terranes and its application. Geological Survey of Canada, Short course notes, Open File Report 2850; 140 pp.

Robert, F. 1990. Structural setting and control of gold-quartz veins of the Val d'Or area, southeastern Abitibi subprovince, In Ho, S.E., Robert, F., and Groves, D.I., eds., Gold and Base-Metal Mineralization in the Abitibi Subprovince, Canada, with Emphasis on the Quebec Segment. University of Western Australia, Short Course Notes, v. 24; p. 167-210.

Schumacher, F., Fouques, J.P. 1979. Rapport de synthèse du permis SES. Ministère des richesses Naturelles et de la Faune du Québec, GM 37017; 157 pp.

Sharma, K. N. M. 1977. Region de La Grande Rivière. Ministère des richesses Naturelles et de la Faune du Québec, RG-184; 75 pp.

Simard, J. 20121. Report on an induced polarization survey completed on the Sakami project, James Bay, Quebec submitted to Genius Metals Inc. Report 21C-406; 43 pp.

Simard, P. 1999. Rapport des travaux de terrain, propriété Lac Guyer. Ministère des Ressources Naturelles et de la Faune du Québec, GM 57205; 121 pp.

Skulski, T. 1985. The tectonic and magmatic evolution of the central segment of the Archean La Grande Greenstone Belt central Quebec. McGill University, Montreal. Master's thesis; 247 pp.

Skulski, T., Hynes, A., Francis, D. 1984. Stratigraphic and lithogeochemical characterization of cyclic volcanism of the LG-3 area, La Grande River greenstone belt,

Quebec. In: Chibougamau-Stratigraphy and Mineralization (Guha, J. and Chown, E.H. editors), CIM Special Volume, 34; p. 57-72.

St-Seymour, K., Francis, D. 1988. Magmatic interaction between mantle and crust during the evolution of the Archean Lac Guyer greenstone belt, New Quebec. Canadian Journal of Earth Sciences, volume 25; p. 691-700.

St-Seymour, K. 1982. Volcanic petrogenesis in the Lac Guyer greenstone belt, James Bay area, Quebec. McGill, University, Montreal. PhD thesis; 305 pp.

St-Seymour, K., Francis, D., Ludden, J. 1983. The petrogenesis of the Lac Guyer Komatiites and Basalts and the Nature of the Komatiite-Komatiitic basalt Compositional Gap. Contributions to Mineralogy and Petrology, volume 84; p. 6-14.

Tshimbalanga, S. 2017. GENIUS PROPERTIES LTD. Levés de polarisation provoquée, de magnétométrie et d'EM-TBF, Propriété Sakami Sud, secteur du lac Sakami, Grille Bloc Sud Territoire Eeyou Istchee Baie-James, Québec, SNRC 33F/07; 25 pp.

Tshimbalanga, S. 2019. Métaux Genius Inc. Levés de polarisation provoquée et de magnétométrie, propriété Sakami Nord, secteur du réservoir Sakami, grille bloc nord, territoire Eeyou Istchee Baie-James, Québec, SNRC 33F07 ; 19 pp.

Appendix 1. CDC title claims, Sakami property, Genius Metals Inc, James Bay Territory, Quebec

Title	NTS	Area (ha)	Claim no.	Expiration Date	Owner
CDC	33F07	51.33	2312355	9/18/2022	Métaux Genius (100%)
CDC	33F07	51.33	2312356	9/18/2022	Métaux Genius (100%)
CDC	33F07	51.33	2312357	9/18/2022	Métaux Genius (100%)
CDC	33F07	51.33	2312358	9/18/2022	Métaux Genius (100%)
CDC	33F07	51.33	2312359	9/18/2022	Métaux Genius (100%)
CDC	33F07	51.32	2312849	9/21/2022	Métaux Genius (100%)
CDC	33F07	51.32	2312850	9/21/2022	Métaux Genius (100%)
CDC	33F07	51.32	2312851	9/21/2022	Métaux Genius (100%)
CDC	33F07	51.32	2312852	9/21/2022	Métaux Genius (100%)
CDC	33F07	51.41	2316099	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.41	2316101	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.40	2316110	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.40	2316111	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.40	2316112	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.40	2316113	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.39	2316120	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.39	2316121	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.39	2316122	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.39	2316123	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.38	2316130	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.38	2316131	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.37	2316138	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.37	2316139	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.37	2316140	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.37	2316141	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.37	2316142	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.36	2316149	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.36	2316150	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.36	2316151	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.35	2316157	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.35	2316158	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.35	2316159	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.35	2316160	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.35	2316161	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.34	2316167	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.34	2316168	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.34	2316169	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.34	2316170	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.34	2316171	10/4/2022	Métaux Genius (100%)
CDC	33F07	51.43	2399486	2/11/2022	Métaux Genius (100%)
CDC	33F07	51.43	2399487	2/11/2022	Métaux Genius (100%)
CDC	33F07	51.43	2399488	2/11/2022	Métaux Genius (100%)
CDC	33F07	51.43	2399489	2/11/2022	Métaux Genius (100%)
CDC	33F07	51.42	2399490	2/11/2022	Métaux Genius (100%)
CDC	33F07	51.41	2399491	2/11/2022	Métaux Genius (100%)
CDC	33F07	51.41	2399492	2/11/2022	Métaux Genius (100%)
CDC	33F07	51.56	2461143	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.56	2461144	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.56	2461145	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.56	2461146	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.55	2461147	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.55	2461148	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.55	2461149	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.55	2461150	9/5/2021	Métaux Genius (100%)

Appendix 1. CDC title claims, Sakami property, Genius Metals Inc, James Bay Territory, Quebec

Title	NTS	Area (ha)	Claim no.	Expiration Date	Owner
CDC	33F07	51.55	2461151	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.55	2461152	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.54	2461153	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.54	2461154	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.54	2461155	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.54	2461156	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.54	2461157	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.54	2461158	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.53	2461159	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.53	2461160	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.53	2461161	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.53	2461162	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.52	2461164	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.55	2461165	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.55	2461166	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.54	2461167	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.53	2461168	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.53	2461169	9/5/2021	Métaux Genius (100%)
CDC	33F07	51.45	2472327	1/8/2022	Métaux Genius (100%)
CDC	33F07	51.45	2472328	1/8/2022	Métaux Genius (100%)
CDC	33F07	51.44	2472329	1/8/2022	Métaux Genius (100%)
CDC	33F07	51.56	2507861	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.56	2507862	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.56	2507863	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.55	2507864	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.55	2507865	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.55	2507866	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.55	2507867	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.55	2507868	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.55	2507869	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.55	2507870	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.54	2507871	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.54	2507872	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.54	2507873	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.54	2507874	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.54	2507875	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.54	2507876	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.54	2507877	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.53	2507878	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.53	2507879	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.53	2507880	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.53	2507881	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.53	2507882	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.53	2507883	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.52	2507884	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.52	2507885	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.52	2507886	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.52	2507887	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.52	2507888	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.52	2507889	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.51	2527460	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.51	2527461	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.50	2527462	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.49	2527463	12/14/2021	Métaux Genius (100%)

Appendix 1. CDC title claims, Sakami property, Genius Metals Inc, James Bay Territory, Quebec

Title	NTS	Area (ha)	Claim no.	Expiration Date	Owner
CDC	33F07	51.47	2527464	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.47	2527465	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.46	2527466	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.46	2527467	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.45	2527468	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.41	2527469	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.31	2527470	12/14/2021	Métaux Genius (100%)
CDC	33F09	51.25	2527471	12/14/2021	Métaux Genius (100%)
CDC	33F09	51.25	2527472	12/14/2021	Métaux Genius (100%)
CDC	33F09	51.22	2527473	12/14/2021	Métaux Genius (100%)
CDC	33F09	51.22	2527474	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.50	2527475	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.49	2527476	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.48	2527477	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.48	2527478	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.44	2527479	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.42	2527480	12/14/2021	Métaux Genius (100%)
CDC	33F07	51.50	2529346	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.50	2529347	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.49	2529348	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.49	2529349	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.49	2529350	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.48	2529351	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.48	2529352	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.48	2529353	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.47	2529354	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.47	2529355	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.46	2529356	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.46	2529357	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.46	2529358	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.45	2529359	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.45	2529360	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.45	2529361	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.44	2529362	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.43	2529363	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.43	2529364	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.42	2529365	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.42	2529366	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.42	2529367	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.42	2529368	1/7/2022	Métaux Genius (100%)
CDC	33F07	51.51	2548258	12/12/2022	Métaux Genius (100%)
CDC	33F07	51.50	2548259	12/12/2022	Métaux Genius (100%)
CDC	33F07	51.50	2548260	12/12/2022	Métaux Genius (100%)
CDC	33F07	51.49	2548261	12/12/2022	Métaux Genius (100%)
CDC	33F07	51.44	2548262	12/12/2022	Métaux Genius (100%)
CDC	33F07	51.43	2548263	12/12/2022	Métaux Genius (100%)
CDC	33F07	51.42	2548264	12/12/2022	Métaux Genius (100%)
CDC	33F07	51.41	2548265	12/12/2022	Métaux Genius (100%)
CDC	33F07	51.41	2548266	12/12/2022	Métaux Genius (100%)
CDC	33F07	51.40	2548267	12/12/2022	Métaux Genius (100%)
CDC	33F07	51.39	2548268	12/12/2022	Métaux Genius (100%)
CDC	33F07	51.38	2548269	12/12/2022	Métaux Genius (100%)
CDC	33F07	51.38	2548270	12/12/2022	Métaux Genius (100%)
CDC	33F07	51.31	2548271	12/12/2022	Métaux Genius (100%)

Appendix 1. CDC title claims, Sakami property, Genius Metals Inc, James Bay Territory, Quebec

Title	NTS	Area (ha)	Claim no.	Expiration Date	Owner
CDC	33F06	51.45	2566385	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.45	2566386	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.44	2566387	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.44	2566388	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.44	2566389	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.44	2566390	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.44	2566391	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.46	2566392	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.46	2566393	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.46	2566394	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566395	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566396	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566397	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.41	2566433	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.41	2566434	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.41	2566435	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.40	2566436	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.40	2566437	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.40	2566438	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.39	2566439	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.39	2566440	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.39	2566441	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.38	2566442	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.38	2566443	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.38	2566444	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.38	2566445	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.37	2566446	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.37	2566447	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.37	2566448	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.37	2566449	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.36	2566450	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.36	2566451	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.36	2566452	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.36	2566453	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.35	2566454	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.35	2566455	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.35	2566456	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.34	2566457	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.34	2566458	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.34	2566459	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.34	2566460	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.33	2566461	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.33	2566462	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.33	2566463	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.33	2566464	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.32	2566465	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.32	2566466	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.32	2566467	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.32	2566468	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.31	2566469	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.31	2566470	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.31	2566471	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.31	2566472	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.31	2566473	5/28/2022	Métaux Genius (100%)

Appendix 1. CDC title claims, Sakami property, Genius Metals Inc, James Bay Territory, Quebec

Title	NTS	Area (ha)	Claim no.	Expiration Date	Owner
CDC	33F07	51.36	2566656	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.35	2566657	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.44	2566805	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.44	2566806	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.44	2566807	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.44	2566808	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.43	2566809	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.43	2566810	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.43	2566811	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.56	2566812	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.56	2566813	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.56	2566814	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.55	2566815	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.55	2566816	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.55	2566817	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.51	2566818	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.51	2566819	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.51	2566820	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.51	2566821	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.50	2566822	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.50	2566823	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.50	2566824	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.50	2566825	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.49	2566826	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.49	2566827	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.49	2566828	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.49	2566829	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.49	2566830	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.48	2566831	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.48	2566832	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.48	2566833	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.48	2566834	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.48	2566835	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.48	2566836	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.48	2566837	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.48	2566838	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.48	2566839	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.47	2566840	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.47	2566841	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.47	2566842	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.47	2566843	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.47	2566844	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.47	2566845	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.47	2566846	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.47	2566847	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.47	2566848	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.47	2566849	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.46	2566850	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.46	2566851	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.46	2566852	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.46	2566853	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.46	2566854	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.46	2566855	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.46	2566856	5/28/2022	Métaux Genius (100%)

Appendix 1. CDC title claims, Sakami property, Genius Metals Inc, James Bay Territory, Quebec

Title	NTS	Area (ha)	Claim no.	Expiration Date	Owner
CDC	33F07	51.46	2566857	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566858	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566859	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566860	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566861	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566862	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566863	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566864	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566865	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566866	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566867	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566868	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566869	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566870	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566871	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.45	2566872	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.44	2566873	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.44	2566874	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.44	2566875	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.44	2566876	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.44	2566877	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.44	2566878	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.44	2566879	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.44	2566880	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.44	2566881	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.44	2566882	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.44	2566883	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.43	2566884	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.43	2566885	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.43	2566886	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.43	2566887	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.42	2566888	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.42	2566889	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.42	2566890	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.42	2566891	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.42	2566892	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.42	2566893	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.42	2566894	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.42	2566895	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.42	2566896	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.41	2566897	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.41	2566898	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.41	2566899	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.41	2566900	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.41	2566901	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.41	2566902	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.40	2566903	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.43	2566904	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.43	2566905	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.40	2566906	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.40	2566907	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.40	2566908	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.39	2566909	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.39	2566910	5/28/2022	Métaux Genius (100%)

Appendix 1. CDC title claims, Sakami property, Genius Metals Inc, James Bay Territory, Quebec

Title	NTS	Area (ha)	Claim no.	Expiration Date	Owner
CDC	33F07	51.39	2566911	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.38	2566912	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.38	2566913	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.37	2566914	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.36	2566915	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.36	2566916	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.35	2566917	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.35	2566918	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.34	2566919	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.34	2566920	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.33	2566921	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.33	2566922	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.33	2566923	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.32	2566924	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.32	2566925	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.31	2566926	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.31	2566927	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.31	2566928	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.31	2566929	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.30	2566930	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.30	2566931	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.30	2566932	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.30	2566933	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.29	2566934	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.29	2566935	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.29	2566936	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.28	2566937	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.28	2566938	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.28	2566939	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.27	2566940	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.27	2566941	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.27	2566942	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.26	2566943	5/28/2022	Métaux Genius (100%)
CDC	33F07	51.26	2566944	5/28/2022	Métaux Genius (100%)
CDC	33F08	51.26	2566945	5/28/2022	Métaux Genius (100%)
CDC	33F08	51.26	2566946	5/28/2022	Métaux Genius (100%)
CDC	33F08	51.26	2566947	5/28/2022	Métaux Genius (100%)
CDC	33F09	51.25	2566948	5/28/2022	Métaux Genius (100%)
CDC	33F09	51.25	2566949	5/28/2022	Métaux Genius (100%)
CDC	33F10	51.25	2566950	5/28/2022	Métaux Genius (100%)
CDC	33F06	51.47	2579010	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.46	2579011	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.46	2579012	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.46	2579013	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.46	2579014	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.45	2579015	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.45	2579016	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.45	2579017	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.45	2579018	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.45	2579019	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.45	2579020	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.45	2579021	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.45	2579022	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.44	2579023	9/8/2022	Métaux Genius (100%)

Appendix 1. CDC title claims, Sakami property, Genius Metals Inc, James Bay Territory, Quebec

Title	NTS	Area (ha)	Claim no.	Expiration Date	Owner
CDC	33F06	51.43	2579024	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.43	2579025	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.43	2579026	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.43	2579027	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.43	2579028	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.43	2579029	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.43	2579030	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.42	2579031	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.42	2579032	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.42	2579033	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.42	2579034	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.42	2579035	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.42	2579036	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.42	2579037	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.42	2579038	9/8/2022	Métaux Genius (100%)
CDC	33F06	51.42	2579039	9/8/2022	Métaux Genius (100%)
CDC	33F07	51.49	2579040	9/8/2022	Métaux Genius (100%)
CDC	33F07	51.49	2579041	9/8/2022	Métaux Genius (100%)
CDC	33F07	51.49	2579042	9/8/2022	Métaux Genius (100%)
CDC	33F07	51.48	2579043	9/8/2022	Métaux Genius (100%)
CDC	33F07	51.48	2579044	9/8/2022	Métaux Genius (100%)

Appendix 2. Gold assay values for all grab samples collected on the Sakami property during the 2019 fall exploration campaign.

Sample no.	Easting*	Northing	Rock Type	Description	Mineralization
X389251	390192	5920161	Formation de fer	Formation de fer, très oxydé et altéré en silice, cisaillé avec litages millimétriques alternant entre silice et oxydation (pyrite?), forte odeur de soufre, grains aphanitiques à fins,	
X389252	390182	5920717	Chert	Roche mafique de couleur foncé et oxydée, silicifiée, dense et de bonne dureté, schistosité moyenne, grains fins, cisaillé, présence d'un litage contenant plus de 10% pyrite fine. Orientation litage et schistosité de l'affleurement à 210-215/055. Dans le même affleurement, présence de veines et veinules de quartz fumé parallèles à la schistosité.	Pyrite fine en litage
X389253	390184	5920715	Brèche	Roche mafique grisâtre à foncé et moyennement oxydée et silicifié, faiblement magnétique, 5% biotite fine, présence d'une brèche avec cristaux anguleux de quartz, 1% de fine pyrite disséminée + amas millimétrique de chalcopyrite	1% Py et trace Cp
X389254	392176	5923018	Veine, formation de fer	Contact entre veine de quartz gris centimétrique et encaissant mafique à forte oxydation, contenant 15% Qz-Plagioclase, à grains fins avec léger orientation préférentiel, forte présence de biotite grossière, trace de grenats millimétrique, roche très dense. L'affleurement contient à plus grande échelle une alternance de ces veines et encaissant mafique, d'ordre décimétrique, et suivant la foliation régionale (210-220/060-070). Trace de pyrite disséminée.	Trace de pyrite disséminée
X389255	392197	5923046	Veine, formation de fer	Contact entre veine de quartz gris centimétrique et encaissant mafique à forte oxydation, contenant 15% Qz-Plagioclase, à grains fins avec léger orientation préférentiel, forte présence de biotite grossière, trace de grenats millimétrique, roche très dense. L'affleurement contient à plus grande échelle une alternance de ces veines et encaissant mafique, d'ordre décimétrique, et suivant la foliation régionale (210-220/060-070). Trace de pyrite disséminée.	
X389256	392024	5923054	Formation de fer	Formation de fer, très altéré et oxydé, fort magnétisme, 5-10% magnétite finement grenue dans la matrice silicifiée, roche très dense a forte odeur de soufre, présence de quartz et biotite en fins litages millimétriques suivant la schistosité, trace de pyrite visible mais difficile à distinguer dû à l'oxydation.	Trace de pyrite
X389257	391962	5922969	Formation de fer	Roche mafique dense à grains fins, très oxydé, matrice siliceuse contenant 5% biotite finement grenue. Présence d'une altération jaunâtre très effritable en cassure non fraiche. Non magnétique. Alternance un peu aléatoire entre des cristaux de quartz, plagioclases, minéraux mafiques et amas de graphite (forte présence de graphite dans l'échantillon). Affleurement très oxydé. Possible formation de fer. Trace de fine Py disséminée.	Trace de pyrite disséminée
X389258	391918	5922916	Veine, formation de fer	Veine de quartz fumé centimétrique, en tension dans la formation de fer et recoupant la schistosité à orientation aléatoire. Présence de biotite grossière aux contacts veine/encaissant, trace d'épidote et trace de tourmaline en fins stringers. Trace de pyrite disséminée et présence de tâches rougeâtres (sphalérite?)	Trace de pyrite disséminée
X389259	390733	5920938	Amphibolite à grenats	Roche mafique très dense, grains fins, altération en silice, oxydée, présence d'amphiboles et grenats grossiers, et 5% biotite finement grenue. Faiblement magnétique. Présence d'une veinule de quartz grisâtre/fumé (1cm) en tension. Trace de pyrite disséminée. (Échantillonné quelques mètres à côté d'un échantillon historique à 542ppb Au)	Trace de pyrite disséminée
X389260	390727	5920928	Amphibolite à grenats	Roche mafique très dense, grains fins, altération en silice, oxydée, présence d'amphiboles et grenats grossiers, et 5% biotite finement grenue. Faiblement magnétique. Présence d'une veinule de quartz grisâtre/fumé (1cm) en tension. Trace de pyrite disséminée. (Échantillonné quelques mètres à côté d'un échantillon historique à 542ppb Au)	
X389261	390782	5921069	Amphibolite à grenats	Roche mafique métamorphique de coulour foncé et très dense, forte présence de grenats grossiers et biotite grossière, très oxydé, grenue et trace de fine pyrite disséminée. Possible amphibolite à grenats. Collé sur veine de quartz centimétrique en tension.	Trace de fine pyrite disséminée
X389262	390803	5921091	Basalt	Roche à matrice mafique à grains très fins, faiblement magnétique contenant jusqu'à 2% fine pyrite et fine pyrrhotite disséminée. Présence de litages de quartz millimétriques suivant la schistosité. Basalt massif.	2% Py et Po fine
X389263	390927	5921405	Formation de fer	Roche à matrice mafique silicifiée à grains fin, faiblement magnétique, fortement oxydée et effritable. Contient des litages jusqu'à 1 cm de quartz. Contient localement jusqu'à 10% Pyrite fine à grossière, et des traces de chalcopyrite. Échantillonné dans un affleurement ayant un large corridor oxydé suivant la géologie régionale (210-220/060-070)	Jusqu'à 10% pyrite fine à grossière

Appendix 2. Gold assay values for all grab samples collected on the Sakami property during the 2019 fall exploration campaign.

Sample no.	Easting*	Northing	Rock Type	Description	Mineralization
X389264	390544	5921766	Basalt	Roche mafique dense à grains fins, forte altération en chlorite et biotite, contenant localement jusqu'à 5% pyrite en stringers millimétriques. Échantillon à proximité d'une valeur historique à 1415ppb Au.	Jusqu'à 5% pyrite en stringers millimétriques
X389266	390437	5921883	Basalt	Roche mafique dense à grains fins, forte altération en chlorite et biotite, contenant 1-2% pyrite en stringers millimétriques. Échantillon à proximité d'une valeur historique à 1415ppb Au.	1-2% pyrite
X389267	390145	5920110	Formation de fer	Roche mafique très dense à grains fins en affleurement très oxydé et altéré, avec altération de surface en poudre jaunâtre et très effritable. Présence de grenats, chlorite et micas. Formation de fer. 1% pyrite disséminée.	1% pyrite disséminée
X389268	390056	5920019	Formation de fer	Roche mafique très dense à grains fins en affleurement très oxydé et altéré, silicifée, avec altération de surface en poudre jaunâtre et très effritable. Présence de grenats, chlorite et micas. Formation de fer. 1% pyrite disséminée.	1% pyrite disséminée
X389269	390053	5920019	Mylonite	Roche mafique grisâtre, matrice fine et silicifiée, avec biotite finement grenue et feldspaths millimétriques. Trace de fine pyrite disséminée. Oxydation de surface et présence de minces litages de quartz.	Trace de fine pyrite disséminée.
X389270	389964	5919922	Amphibolite à grenats	Roche mafique dense à amphiboles et grenats grossiers, collé sur corridor fortement oxydé, trace de pyrite disséminée.	Trace de pyrite disséminée
X389271	389963	5919874	Formation de fer	Corridor décimétrique fortement oxydé à 1m d'un contact franc entre amphibolite à grenats et basalt, contact 210-220/070, roche mafique très dense à grains fins, avec altération jaunâtre et très effritable. Présence de grenats, chlorite et micas. Formation de fer. 1% pyrite disséminée.	1% pyrite disséminée
X389272	389885	5919742	Basalt	Contact basalt-paragneiss, corridor oxydé décimétrique cisaillé, litage de pyrite jusqu'à 3-4%, évidence de cisaillement aux alentours.	3-4% pyrite
X389273	389749	5919526	Formation de fer	Formation de fer, proximité échantillon historique à 900 ppb	
X389274	389392	5919528	Basalt	Roche mafique, grains fins, oxydé en surface, contenant localement jusqu'à 10% pyrite fine disséminée et en litage millimétrique, biotite finement grenue, altération en silice	Jusqu'à localement 10%
X389275	389182	5919596	Chert	Matrice fine, légèrement silicifiée, contenant localement jusqu'à 4% pyrite disséminée fine à grossière et euhedral, et quelques litages millimétriques	4% pyrite
X389276	388830	5919184	Basalt	Basalt silicifiée, sans minéralisation apparente	
X389278	387532	5916960	Basalt	Meta-basalt, cisaillé, veinules de quartz carbonate, jusqu'à 8% pyrite majoritairement en stringers, et trace de chalcopyrite.	8% Pyrite stringers, trace Cp

Appendix 2. Gold assay values for all grab samples collected on the Sakami property during the 2019 fall exploration campaign.

Sample no.	Easting*	Northing	Rock Type	Description	Mineralization
X389279	387539	5916966	Formation de fer	Formation de fer, magnétique, altération en silice, très oxydé, trace de grenats, jusqu'à 10% pyrite, trace de bornite, trace de chalcopyrite, possible arsenopyrite	10% Pyrite, trace Bornite et Cp
X389280	387550	5916974	Formation de fer	Formation de fer, fortement magnétique, altération en silice, très oxydé, trace de grenats, jusqu'à localement 15% pyrite, magnétite, pyrrhotite, trace de bornite, trace de chalcopyrite, possible arsenopyrite	15% Pyrite + Mg + Po + trace bornite et Cp
ID_Échantillon	UtmEst	UtmNord	Litho 1	Description	Minéralisations
X389151	390205	5920173	veine de quartz	poche de quartz blanc dans une formation de fer cisaillée	
X389152	390113	5920326	paragneiss	paragneiss à grenats et biotite, gris moyen foncé	
X389153	390158	5920361	brèche	brèche à framents de quartz, supporté par la matrice, matrice légèrement, chloritisée, fragments anguleux de Qz, 1-20mm	
X389154	390165	5920710	basalte	sub en place, gris pâle, grain fin, lité, 2%PY fine diss	2%PY
X389155	390166	5920712	basalte	sub en place, gris moyen, grains moyens, Sil mod et légèrement cisaillé, 3%Py fine dis (arsenopyrite?)	3%PY
X389156	390377	5920737	basalte	basalte, gris foncé, grains fins, massif, 3%PY dis cubique (arsenopyrite?)	3%PY
X389157	390530	5920597	paragneiss	paragneiss cisaillé	
X389158	392128	5922962	amphibolite à grenats	amphibolite à grenats, grains moyens à grains grossiers, vert foncé, localement 15% grenats, orienté généralement 210N	
X389159	392088	5923007	chert	chert lité sur environ 1 à 2 mètres d'épaisseur, 210/54N	
X389160	392088	5923005	paragneiss	zone de cisaille dans un paragneiss (?) tardive (?), 270/85N, déplacement inférieur à 3m	

Appendix 2. Gold assay values for all grab samples collected on the Sakami property during the 2019 fall exploration campaign.

Sample no.	Easting*	Northing	Rock Type	Description	Mineralization
X389162	392023	5923039	basalte	basalte cisaillé très oxydé en surface, 2%PY en stringers	2%PY
X389163	391821	5923200	basalte	gris moyen, grains fins, basalte à aiguilles d'actinote, 3% veinules de quartz plissées et boudinées, généralement 200/60N	
X389164	391749	5923185	veine de quartz	veine de quartz blanc, localement trace muscovite et trace PY, contacts irréguliers, 1-2m épaisseur, concordant avec S0	
X389165	391642	5922306	basalte	basalte à trPY, échantillonné par Éric Dion	trPY
X389166	391679	5922415	basalte	basalte à 2-3% stringers de Py, échantillonné par Éric Dion	3%PY
X389167	391793	5922542	amphibolite	amphibolite?, échantillonné par Éric Dion	
X389168	390888	5921119	paragneiss	paragneiss à trPY	trPY
X389169	390890	5921146	amphibolite	amphobolite avec forte oxydation de surface, biotite?, trPY	trPY
X389170	390878	5921171	chert	horizon de chert avec lits de puissance cm intercalés d'horizons oxydés de puissance mm, formation de fer?	
X389171	390872	5921212	amphibolite à grenats	ampibolite à grenats avec forte oxydation de surface	
X389172	390934	5921212	veine de quartz	veine de quartz blanc irrégulière et boudinée	
X389173	390979	5921314	brèche	brèche à fragments de quartz anguleux (1-2cm/fragments), déplacement des fragments faible, matrice oxydée	
X389174	390977	5921331	nd	zone très oxydée à lits de silice, trPY	trPY

Appendix 2. Gold assay values for all grab samples collected on the Sakami property during the 2019 fall exploration campaign.

Sample no.	Easting*	Northing	Rock Type	Description	Mineralization
X389175	390653	5921872	milonite	poche d'oxydation dans une milonite déformée, concentré dans la charnière d'un pli (flanc1: 212/64N, flanc2: 194/78N)	
X389176	390631	5921874	milonite	roche à grains moyens, cristaux de quartz cisaillés avec oxydation de puissance mm au niveau des plans de cisaillement, trPY	trPY
X389177	390444	5921942	basalte	Rééchantionnage de l'échantillon J214038 de 1415ppb Au afin de valider l'anomalie, basalte légèrement cisaillé avec trPY et trCP(?)	trPY
X389178	390480	5921951	amphibolite à grenats	amphibolite à grenats au contact d'un boudin de quartz	
X389179	390480	5921952	amphibolite à grenats	amphibolite à grenats au contact d'un boudin de quartz, duplica pour P-O	
X389180	389946	5920615	basalte	bloc anguleux de basalte massif, 2x1,5x1m	
X389181	390085	5920701	sediment	roche à grains fins, gris moyen, tr biotite, échantillons avec veine de quartz de 4mm et tr oxydation	
X389182	390190	5920689	veine de quartz	veine de 10cm de quartz blanc avec traces d'oxydation	
X389183	390226	5920694	basalte	roche à grains fins, gris moyen, basalte, trPY cubique disséminée, tr ilménite?	trPY
X389184	390438	5920356	formation de fer	roche très oxydée, très magnétique, formation de fer	
X389185	389825	5919670	veine de quartz	veine de quartz fumé avec trace d'oxydation, 322/70N discordant avec S0	
X389186	389650	5919457	basalte	roche à grains fins, gris moyen, basalte?, avec 2-3% stringers de PY	3%PY
X389187	389641	5919449	sediment	grains fins, gris moyen, sediment?, très oxydé, 2%PY en stringers, trCP?, trBN?	2%PY

Appendix 2. Gold assay values for all grab samples collected on the Sakami property during the 2019 fall exploration campaign.

Sample no.	Easting*	Northing	Rock Type	Description	Mineralization
X389188	389540	5919359	dike mafique	roche à grains fins, gris moyen en cassure fraîche, couleur brun pâle sur affleurement, recoupe orthogonalement amphibolite à grenats, contact irrégulier grossièrement 095/80N	
X389189	389480	5919229	sediment	roche gris moyen à grains moyen, très oxydé en surface, trPY?	
X389191	388398	5917462	tonalite	bloc sub anguleux de 1m de côtés, grains grossiers, quartz/feldspatshs blancs/min noirs Fe-Mg, vn de Qz de 5mm sur l'échantillon	
X389192	388217	5917367	tonalite	bloc sub anguleux, grains grossiers, quartz/feldspatshs blancs/min noirs Fe-Mg, traces de PY	
X389193	388170	5917233	quartz	immense bloc de 7x5x2+ mètres, sub en place?, quartz laminé, localement légèrement fumé, grains grossiers à très grossiers	
X389194	388124	5917170	formation de fer	roche à grains fins, gris foncé, 2%PY dis et trace arsénopyrite, très oxydé en surface, orienté 240/82N	2%PY
X389195	388124	5917171	formation de fer	roche vert foncé à grains fins, 5% magnétite en petits cristaux noirs disséminés, très oxydé en surface, présence de plusieurs horizons siliceux plissés	5%MT
X389196	388124	5917173	granite	granite quartzifère à biotite au contact d'une formation de fer	
X389197	387953	5917050	chert	roche siliceuse à grains fins, gris moyen à 3% veines irrégulières de quartz	
ID_Échantillon	UtmEst	UtmNord	Litho 1	Description	Minéralisations
X389351	390331	5920402		Roche à grains fin à moyen, non magnétique, sans minéralisation apparente, possible paragneiss	
X389352	390334	5920400		Roche oxydé, faiblement magnétique, à proximité veine de quartz, siliceux, trace de fine pyrite, formation de fer	
X389353	390356	5920410		Roche verdâtre à grains fins, légèrement chloritisé, présence de micas en agglomération, grenats grossiers. Amphibolite à grenats.	

Appendix 2. Gold assay values for all grab samples collected on the Sakami property during the 2019 fall exploration campaign.

Sample no.	Easting*	Northing	Rock Type	Description	Mineralization
X389354	390209	5920690		Roche oxydé, grains fins, magnétique, silicifiée, 3-4% fine pyrite disséminée, formation de fer	
X359355	390342	5920825		Roche verdatre avec 15% actinote en aiguille allongées, trace de pyrite argenté en amas, biotite grossière. Présence d'amphiboles.	
X389356	390465	5920809		Paragneiss à grains fins, trace de fine pyrite disséminée	
X389357	391957	5922871		Roche oxydé, dense, fortement magnétique, 5-7% magnétite, grains fins à grossiers, formation de fer.	
X389358	391948	5922890		Amphibolite à grenats grossiers, oxydé, dense, faiblement magnétique.	
X389359	391957	5922922		Chert à grains fins, légèrement oxydé, avec veinules de quartz orangé	
X389360	391571	5922943		Paragneiss à grains fins, oxydé, non magnétique	
X389365	389700	5919499		Roche oxydé, cisaillé, chloritisé, dense, trace de fine pyrite disséminée, non magnétique	
X389366	389713	5919502		Roche à grains fins, dense, tres magntique, oxydé en surface, vert foncé à noir en cassure fraiche, trace de fine pyrite disséminée.	
X389367	389846	5919706		Roche mafique à grains fins, oxydé, dense, silicifiée, jusqu'à 8% pyrite en amas et disséminée, trace de pyrrhotite, chalcopyrite et possible bornite. Présence considérable de Zn au P-XRF	
X389368	389735	5919515		Roche mafique à grains fins, oxydé, dense, silicifiée, jusqu'à 8% pyrite en amas et disséminée, trace de pyrrhotite, chalcopyrite et possible bornite. Présence considérable de Zn au P-XRF	
X389369	389327	5919014		Roche verdatre à grains fns, chloritisé, présence de fins grenats millimétriques et veinules de quartz carbonates. Sans minéralisation apparente	
X389370	389289	5918945		Roche mafique dense à grains fins, oxydé, fortement minéralisée, environ 15% minéralisation en pyrite, pyrrhotite, possible chalcopyrite et bornite,	

*NAD83; Zone 18N

Appendix 3. Assays for selected elements for rock samples collected during the 2020 field campaigns, Sakami property (standards in red and blanks in green).

Certificat	Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)	Cr (ppm)	S (%)
A20-11637	A1007001	190	1.4	72	34	17	57	3	13	41	3.17
A20-11637	A1007002	1150	2.1	147	48	9	23	3	19	22	7.17
A20-11637	A1007003	2220	115	5440	13	436	844	994	5	38	1.74
A20-11637	A1007004	3090	3.5	147	56	16	49	3	14	72	5.3
A20-11637	A1007005	1560	0.8	32	3	3	33	<2	6	12	0.2
A20-11637	A1007006	2630	1	66	3	15	33	<2	8	12	0.47
A20-11637	A1007007	290	0.8	23	5	13	70	<2	5	14	0.11
A20-11637	A1007008	5	0.6	7	13	<2	13	<2	2	47	<0.01
A20-11637	A1007009	17	0.6	59	32	<2	32	<2	13	63	0.05
A20-11637	A1007010	97	0.7	99	27	8	168	<2	8	30	0.04
A20-11637	A1007011	149	1.3	507	28	13	124	<2	15	34	0.14
A20-11588	A1007051	870	458	25	22	38200	84200	8	11	22	4.54
A20-11588	A1007052	750	122	48	7	3700	2110	82	15	23	3.49
A20-11588	A1007053	29	24.5	31	38	480	1830	15	15	45	0.59
A20-11588	A1007054	<5	2.3	85	61	21	94	<2	26	63	0.22
A20-11600	A1007055	351	712	209	44	28100	40400	15	24	34	3.85
A20-11588	A1007056	<5	15.4	62	60	178	986	<2	23	80	0.27
A20-11588	A1007057	<5	2.6	53	62	31	68	<2	22	81	0.1
A20-11588	A1007058	<5	6.4	47	75	57	279	<2	25	87	0.13
A20-11588	A1007059	38	10.9	56	66	241	1690	<2	23	96	0.54
A20-11588	A1007060	28	17.8	59	59	356	2170	12	22	72	1.63
A20-11588	A1007061	37	24.7	57	56	549	2500	16	21	55	0.97
A20-11588	A1007062	31	4.1	104	52	291	32400	<2	18	34	4.32
A20-11588	A1007063	46	4.4	100	49	678	11400	3	20	49	2.34
A20-11588	A1007064	8	1.2	29	82	2	70	<2	18	199	0.07
A20-11637	A1007065	40	1	72	84	5	69	5	19	201	1.9
A20-11637	A1007066	166	1	73	73	<2	57	8	18	158	1.43
A20-11637	A1007067	323	1.3	99	61	<2	45	3	16	90	3.38
A20-11637	A1007068	36	0.9	62	74	<2	59	2	16	136	2.67
A20-11637	A1007069	7470	1.8	132	103	15	66	26	26	236	0.45
A20-11637	A1007070	153	1.1	82	89	<2	65	<2	18	150	2.28
A20-11637	A1007071	16	0.8	21	100	3	70	<2	16	204	0.64
A20-11637	A1007072	<5	1	<1	<1	<2	<2	<2	<1	2	<0.01
A20-11637	A1007073	<5	0.8	18	161	7	76	57	23	298	0.29
A20-11637	A1007074	8	0.5	<1	270	3	70	266	32	358	0.01
A20-11637	A1007075	<5	0.7	34	111	5	80	3	18	260	0.73
A20-11637	A1007076	8	0.9	60	110	4	67	8	21	201	1.2
A20-11637	A1007077	<5	0.7	21	127	11	78	47	21	255	0.18
A20-11637	A1007078	76	0.9	51	109	14	85	10	20	190	1.47
A20-11637	A1007079	2160	128	5460	14	444	900	1000	5	40	1.78
A20-11637	A1007080	20	0.8	19	121	9	88	10	20	242	0.58
A20-11637	A1007081	44	1.5	56	77	43	149	4	17	157	2.04

Appendix 3. Assays for selected elements for rock samples collected during the 2020 field campaigns, Sakami property (standards in red and blanks in green).

Certificat	Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)	Cr (ppm)	S (%)
A20-11637	A1007082	13	0.9	34	95	4	71	<2	18	180	1.18
A20-11637	A1007083	<5	0.8	<1	<1	<2	2	<2	<1	3	0.01
A20-11637	A1007084	7	0.9	42	94	7	61	8	17	195	1
A20-11637	A1007085	95	0.9	52	96	<2	61	4	17	184	1.69
A20-11637	A1007086	36	1.1	54	105	5	67	4	20	197	1.85
A20-11637	A1007087	7	0.6	18	119	4	69	14	20	239	0.39
A20-11637	A1007088	58	0.9	48	111	3	72	3	19	208	1.28
A20-11637	A1007089	<5	1	71	126	4	68	<2	18	221	1.86
A20-11637	A1007090	427	1.2	34	13	17	42	10	8	18	0.98
A20-11637	A1007091	190	2.2	30	3	15	26	51	4	8	0.75
A20-11637	A1007092	1020	1.8	97	60	15	116	4	15	64	4.25
A20-11637	A1007093	312	0.8	20	46	<2	49	<2	11	85	0.84
A20-11637	A1007094	31	0.8	18	101	4	77	12	17	214	0.9
A20-11637	A1007095	1100	1.8	100	44	6	46	3	20	40	2.9
A20-11637	A1007096	162	0.9	18	58	5	60	4	14	105	0.77
A20-11637	A1007097	312	1.2	41	54	6	51	7	14	102	2.33
A20-11637	A1007098	14	1.6	19	58	17	87	5	20	76	0.24
A20-11637	A1007099	1060	1.8	104	48	14	57	4	10	86	5.01
A20-11637	A1007100	456	2.4	179	44	161	703	8	15	43	5.81
A20-11588	A683501	1550	14.3	637	59	14	6620	<2	57	68	3.26
A20-11588	A683502	97	19.5	837	35	1490	4050	<2	39	28	3.46
A20-11588	A683503	6060	35	1100	26	346	4750	3	68	39	1.02
A20-11588	A683504	1870	28.8	240	20	419	8940	73	74	22	4.03
A20-11588	A683505	15	0.9	43	55	8	77	12	23	30	1.35
A20-11600	A683506	<5	0.3	62	71	7	219	3	28	101	0.27
A20-11600	A683507	760	1.9	187	62	10	6370	<2	74	91	2.37
A20-11600	A683508	<5	<0.2	1	<1	<2	<2	<2	<1	3	<0.01
A20-11600	A683509	24	0.5	79	72	10	706	<2	27	98	0.45
A20-11600	A683510	1710	3.4	177	66	11	4000	2	28	96	0.89
A20-11600	A683511	109	3.2	367	66	11	3090	8	33	95	1.43
A20-11600	A683512	8	0.3	51	72	12	115	<2	26	102	0.05
A20-11600	A683513	8	0.4	68	69	9	153	<2	24	80	0.19
A20-11588	A683514	48	2.3	195	52	7	1410	<2	24	88	1.1
A20-11588	A683515	6	1.4	59	70	9	91	<2	23	102	0.1
A20-11588	A683516	<5	1.2	41	63	7	81	<2	20	90	0.13
A20-11588	A683517	<5	1.2	51	62	6	89	<2	20	84	0.21
A20-11588	A683518	<5	1.7	41	66	9	150	<2	22	92	0.36
A20-11588	A683519	7	1.6	60	63	10	2090	<2	25	73	1.03
A20-11588	A683520	18	2.1	79	93	11	3900	<2	40	103	2.47
A20-11588	A683521	14	1.5	54	34	14	930	<2	20	17	1.25
A20-11600	A683522	7	0.6	47	33	16	545	3	22	23	0.8
A20-11600	A683523	<5	1.3	40	73	43	365	<2	30	81	0.44

Appendix 3. Assays for selected elements for rock samples collected during the 2020 field campaigns, Sakami property (standards in red and blanks in green).

Certificat	Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)	Cr (ppm)	S (%)
A20-11600	A683524	<5	0.4	45	65	14	366	<2	28	71	0.57
A20-11600	A683525	12	1	72	61	19	2400	<2	28	57	1.3
A20-11588	A683526	9	1.3	35	25	6	404	<2	13	40	0.72
A20-11588	A683527	6	1.5	44	60	11	512	<2	23	57	0.75
A20-11588	A683528	1150	33.9	30800	11	6370	23600	91	194	17	10.3
A20-11588	A683529	9	1.6	43	59	9	260	<2	21	72	0.7
A20-11588	A683530	9	1.6	40	62	14	1070	<2	26	83	0.8
A20-11588	A683531	8	1.4	54	71	9	1090	<2	23	87	0.63
A20-11588	A683532	<5	1.1	41	65	11	234	<2	23	78	0.42
A20-11588	A683533	38	2.3	98	62	11	4640	<2	25	67	1.87
A20-11600	A683534	20	1.7	172	57	10	5450	3	35	56	2.56
A20-11600	A683535	61	2	76	51	9	6680	4	22	53	2.45
A20-11588	A683536	<5	1.1	70	69	4	79	<2	26	117	0.15
A20-11588	A683537	<5	0.8	10	73	19	65	<2	26	102	0.02
A20-11588	A683538	<5	0.7	7	28	<2	64	<2	17	35	0.02
A20-11600	A683539	57	0.8	187	37	45	2530	2	25	27	1.02
A20-11600	A683540	1390	39.6	915	38	531	51700	98	311	26	7.88
A20-11600	A683541	<5	<0.2	<1	<1	<2	10	<2	<1	<1	<0.01
A20-11600	A683542	86	0.9	129	44	41	3900	<2	27	34	1.42
A20-11600	A683543	385	6.9	790	38	216	11500	12	59	18	3.84
A20-11600	A683544	8090	1.2	148	111	16	70	32	32	251	0.45
A20-11600	A683545	326	1.4	448	32	34	8340	3	35	21	2.69
A20-11600	A683546	286	2.8	250	14	51	2240	13	24	23	1.13
A20-11637	A683547	5	1	62	48	4	396	3	23	42	0.64
A20-11637	A683548	21	1.6	147	43	2	2500	<2	31	35	1.92
A20-11637	A683549	88	1	54	72	4	144	<2	25	91	0.53
A20-11637	A683550	7	1.2	72	41	3	1360	<2	23	38	1.02
A20-11637	A683551	9	1.3	64	62	27	2090	<2	22	85	1.33
A20-11637	A683552	28	2.5	103	77	51	3340	<2	28	176	2.38
A20-11637	A683553	<5	0.5	4	6	<2	58	<2	5	21	0.02
A20-11637	A683554	<5	0.5	13	26	<2	39	<2	8	29	<0.01
A20-11637	A683555	<5	0.6	5	25	<2	59	<2	10	29	<0.01
A20-11637	A683556	<5	0.7	18	22	3	24	<2	9	70	<0.01
A20-11637	A683557	<5	0.6	18	<1	4	28	<2	4	13	0.05
A20-11637	A683558	<5	0.5	4	3	4	26	<2	3	14	<0.01
A20-11637	A683559	<5	0.5	37	9	7	76	<2	11	10	0.03
A20-11637	A683560	9	0.5	52	4	5	27	<2	6	13	0.09
A20-11637	A683561	<5	0.5	49	5	4	42	<2	8	21	0.08
A20-09630	B552551	<5	<0.2	65	19	2	34	<2	17	39	3.89
A20-09630	B552552	<5	<0.2	22	6	6	63	<2	4	60	0.79
A20-09630	B552553	<5	<0.2	35	10	3	96	<2	9	26	0.79
A20-09630	B552554	<5	<0.2	21	3	4	65	<2	4	27	0.21

Appendix 3. Assays for selected elements for rock samples collected during the 2020 field campaigns, Sakami property (standards in red and blanks in green).

Certificat	Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)	Cr (ppm)	S (%)
A20-09630	B552555	99	<0.2	<1	2	2	2	<2	2	30	0.08
A20-09630	B552556	32	<0.2	13	1	<2	5	<2	5	3	0.04
A20-09630	B552557	<5	<0.2	2	3	<2	8	<2	1	57	0.02
A20-09630	B552558	<5	<0.2	2	<1	<2	4	3	<1	26	0.03
A20-09630	B552559	<5	<0.2	1	<1	<2	4	<2	<1	29	0.02
A20-09630	B552560	<5	<0.2	<1	<1	<2	4	<2	<1	24	0.02
A20-09630	B552561	<5	<0.2	<1	<1	<2	3	2	<1	42	0.03
A20-09630	B552562	<5	<0.2	4	<1	<2	5	<2	2	21	0.03
A20-09630	B552563	<5	<0.2	<1	4	6	122	<2	3	38	0.07
A20-09630	B552564	<5	<0.2	4	6	8	25	14	4	20	0.04
A20-09630	B552565	<5	<0.2	15	4	4	48	<2	4	34	0.31
A20-09630	B552566	<5	<0.2	4	8	2	72	3	7	48	0.82
A20-09630	B552567	12	0.3	31	8	3	59	6	5	71	1.34
A20-09630	B552568	<5	<0.2	7	41	11	126	14	19	81	0.31
A20-09630	B552569	11	<0.2	11	6	4	35	2	4	69	0.53
A20-09630	B552570	<5	<0.2	3	1	<2	9	3	<1	48	0.08
A20-09630	B552571	<5	<0.2	<1	<1	<2	5	<2	<1	17	0.08
A20-09630	B552572	<5	<0.2	1	<1	<2	4	<2	<1	31	0.04
A20-09630	B552573	<5	<0.2	1	<1	<2	4	<2	<1	21	0.03
A20-09630	B552574	7	<0.2	2	1	<2	<2	<2	1	17	0.09
A20-09630	B552575	<5	<0.2	3	1	<2	4	<2	3	28	0.35
A20-09630	B552576	<5	<0.2	1	1	<2	4	<2	<1	55	0.06
A20-09630	B552577	<5	<0.2	2	1	<2	5	<2	1	32	0.36
A20-09630	B552578	8650	1.1	138	101	12	67	27	29	236	0.48
A20-09748	B554501	6	0.3	57	161	6	177	3	23	239	2.67
A20-09740	B554502	<5	<0.2	79	130	7	94	3	26	170	1.23
A20-09748	B554503	<5	<0.2	48	37	4	63	<2	22	59	0.42
A20-09748	B554504	<5	0.6	200	27	25	66	7	25	33	0.85
A20-09748	B554505	<5	<0.2	115	3	8	60	<2	17	7	0.35
A20-09748	B554506	8	0.3	61	26	4	37	<2	34	28	2.26
A20-09748	B554507	<5	<0.2	38	9	2	22	15	11	21	0.37
A20-09748	B554508	<5	0.3	203	6	11	66	7	22	8	1.16
A20-09748	B554509	<5	0.2	54	57	3	52	3	25	69	4.37
A20-09748	B554510	<5	<0.2	19	25	<2	73	2	15	22	0.91
A20-09748	B554511	<5	<0.2	82	43	4	73	<2	28	45	1.26
A20-09748	B554512	<5	<0.2	27	30	3	25	4	40	47	2.57
A20-09748	B554513	9	<0.2	92	45	<2	45	<2	26	73	1.56
A20-09748	B554514	5	0.3	71	27	<2	41	<2	17	30	1.5
A20-09748	B554515	<5	<0.2	27	14	<2	11	<2	9	33	0.04
A20-09748	B554516	<5	<0.2	143	5	<2	12	<2	4	11	0.3
A20-09748	B554517	528	54.6	4990	29	4060	22800	1770	36	41	>20.0
A20-09748	B554518	<5	<0.2	7	10	<2	54	8	10	16	<0.01

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Certificat	Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)	Cr (ppm)	S (%)
A20-09748	B554519	<5	<0.2	54	27	<2	72	<2	17	28	0.05
A20-09748	B554520	<5	<0.2	6	<1	4	3	<2	<1	7	0.05
A20-09748	B554521	6	<0.2	4	3	7	73	<2	9	10	0.05
A20-09748	B554522	<5	<0.2	32	18	4	71	<2	15	22	0.03
A20-09748	B554523	<5	<0.2	<1	<1	<2	<2	<2	<1	13	<0.01
A20-09630	B554551	8	1.2	86	73	21	196	<2	34	76	1.62
A20-09630	B554552	13000	47.7	4680	10	25	21700	3	17	78	2.96
A20-09630	B554553	7	0.6	79	94	5	185	3	15	198	2.78
A20-09630	B554554	6	<0.2	53	20	2	29	5	12	46	1.25
A20-09630	B554555	21	0.2	99	21	6	77	20	56	52	3.79
A20-09630	B554556	36	0.4	224	41	3	81	7	53	15	8.05
A20-09630	B554557	<5	<0.2	57	2	<2	20	37	5	9	0.31
A20-09630	B554558	13	0.2	122	18	<2	30	31	9	25	3.01
A20-09630	B554559	<5	<0.2	7	51	<2	54	<2	14	217	0.05
A20-09630	B554560	<5	<0.2	83	45	<2	45	<2	26	91	0.16
A20-09630	B554561	<5	<0.2	14	23	<2	31	<2	15	58	0.02
A20-09630	B554562	<5	<0.2	71	28	<2	52	<2	21	46	0.21
A20-09630	B554563	5	0.4	606	64	<2	19	<2	144	26	4.06
A20-09630	B554564	<5	<0.2	125	12	<2	82	<2	37	18	0.88
A20-09630	B554565	<5	<0.2	27	8	<2	32	<2	15	28	0.3
A20-09630	B554566	<5	0.3	146	12	<2	22	<2	36	29	1.87
A20-09630	B554567	<5	<0.2	5	5	<2	4	<2	2	60	0.03
A20-09630	B554568	<5	<0.2	8	6	6	66	<2	8	30	0.23
A20-09630	B554569	<5	<0.2	15	42	<2	38	<2	14	128	0.46
A20-09630	B554570	<5	<0.2	21	34	<2	95	<2	22	50	0.13
A20-09630	B554571	8320	1.2	150	106	14	72	28	31	250	0.49
A20-09630	B554572	<5	<0.2	1	<1	<2	3	<2	<1	4	0.01
A20-09630	B554573	<5	<0.2	65	51	4	109	2	18	74	0.25
A20-09630	B554574	<5	<0.2	8	5	3	26	<2	4	28	0.02
A20-09630	B554575	1870	0.4	104	8	9	34	<2	6	41	0.31
A20-09630	B554576	6	0.2	128	79	6	34	<2	37	45	1.33
A20-09630	B554577	<5	<0.2	25	13	<2	40	<2	13	16	0.05
A20-09630	B554578	<5	0.3	72	3	3	25	<2	6	32	0.13
A20-09748	B554579	<5	<0.2	10	16	2	37	<2	12	27	0.01
A20-09748	B554580	<5	<0.2	36	26	4	55	<2	12	36	<0.01
A20-09748	B554581	<5	<0.2	15	21	<2	22	<2	12	29	<0.01
A20-09740	B554582	9	0.3	496	50	13	133	6	25	46	0.54
A20-09748	B554583	<5	<0.2	29	7	4	56	<2	14	6	0.03
A20-09748	B554584	<5	<0.2	9	2	<2	39	<2	17	4	0.05
A20-09748	B554585	<5	<0.2	250	47	<2	29	5	17	99	0.04
A20-09748	B554586	<5	<0.2	25	11	<2	54	17	22	11	0.03
A20-09748	B554587	<5	<0.2	31	16	3	48	27	12	52	0.06

Appendix 3. Assays for selected elements for rock samples collected during the 2020 field campaigns, Sakami property (standards in red and blanks in green).

Certificat	Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)	Cr (ppm)	S (%)
A20-09748	B554588	<5	<0.2	12	2	2	2	47	4	4	0.13
A20-09748	B554589	<5	<0.2	16	5	3	6	22	7	15	0.14
A20-09748	B554590	<5	0.4	61	53	14	52	6	22	34	0.79
A20-09748	B554591	<5	<0.2	19	48	6	64	2	21	82	0.04
A20-09748	B554592	7930	1.2	141	103	18	70	29	32	247	0.45
A20-09748	B554593	99	0.3	138	41	15	301	2	21	47	0.4
A20-09748	B554594	<5	<0.2	20	44	<2	49	<2	18	92	0.08
A20-09748	B554595	<5	<0.2	70	17	<2	28	<2	15	32	0.09
A20-09748	B554596	<5	<0.2	28	32	<2	38	<2	15	89	0.06
A20-09740	B554597	60	5.3	11000	24	<2	67	<2	45	34	2.92
A20-09748	B554598	<5	<0.2	3	4	100	71	6	2	9	0.05
A20-09748	B554599	<5	0.5	76	36	<2	108	2	21	36	2.08
A20-09740	B554600	<5	<0.2	117	46	2	86	<2	16	48	0.64
A20-09630	B554601	46	3.4	111	24	96	9910	2	15	45	1.64
A20-09630	B554602	149	0.7	474	69	8	104	<2	30	99	0.14
A20-09630	B554603	<5	0.2	28	44	8	401	<2	18	53	0.51
A20-09630	B554604	<5	<0.2	22	53	4	66	<2	16	110	0.04
A20-09630	B554605	<5	<0.2	17	106	<2	163	24	12	476	0.12
A20-09630	B554606	<5	1.1	55	39	3	98	4	20	88	1.06
A20-09630	B554607	<5	<0.2	24	18	<2	54	4	16	37	0.24
A20-09630	B554608	17	<0.2	2	3	<2	6	<2	2	74	<0.01
A20-09630	B554609	7	<0.2	25	21	<2	75	<2	27	14	<0.01
A20-09630	B554610	<5	0.5	202	13	4	33	5	18	30	1.06
A20-09630	B554611	<5	<0.2	10	<1	4	44	<2	3	14	<0.01
A20-09630	B554612	<5	<0.2	5	<1	3	34	<2	2	28	<0.01
A20-09630	B554613	<5	0.2	7	<1	11	64	<2	2	7	0.02
A20-09630	B554614	<5	<0.2	2	<1	<2	10	<2	<1	43	<0.01
A20-09630	B554615	<5	<0.2	34	54	<2	96	<2	25	99	<0.01
A20-09630	B554616	<5	<0.2	3	3	<2	9	<2	1	54	<0.01
A20-09630	B554617	<5	<0.2	38	53	<2	63	<2	22	79	<0.01
A20-09630	B554618	<5	<0.2	2	2	<2	52	<2	1	41	<0.01
A20-09630	B554619	<5	<0.2	25	34	<2	56	<2	16	65	<0.01
A20-09630	B554620	<5	<0.2	<1	3	<2	6	<2	2	51	<0.01
A20-09630	B554621	12	<0.2	76	47	4	55	20	26	76	1.8
A20-09630	B554622	<5	<0.2	<1	<1	<2	9	<2	<1	3	0.01
A20-09630	B554623	10	0.4	39	65	7	63	20	23	68	2.36
A20-09630	B554624	<5	<0.2	36	62	<2	63	11	23	100	2.55
A20-09630	B554625	6	0.2	48	64	2	63	6	23	95	4.93
A20-09630	B554626	<5	<0.2	23	23	<2	31	<2	10	49	0.01
A20-09630	B554627	<5	<0.2	6	16	3	60	3	13	15	<0.01
A20-09630	B554628	<5	<0.2	36	37	<2	56	<2	17	74	<0.01
A20-09630	B554629	<5	<0.2	7	15	<2	52	<2	12	24	<0.01

Appendix 3. Assays for selected elements for rock samples collected during the 2020 field campaigns, Sakami property (standards in red and blanks in green).

Certificat	Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)	Cr (ppm)	S (%)
A20-09630	B554630	<5	<0.2	83	25	4	149	<2	18	43	1.29
A20-09630	B554631	<5	<0.2	48	39	3	84	<2	20	67	0.75
A20-09630	B554632	<5	<0.2	47	13	<2	64	<2	10	39	1.58
A20-09630	B554633	<5	<0.2	38	24	<2	22	<2	8	63	<0.01
A20-09630	B554634	<5	<0.2	13	59	<2	47	<2	21	108	0.07
A20-09630	B554635	<5	<0.2	27	21	<2	38	<2	12	28	<0.01
A20-09630	B554636	<5	<0.2	32	19	<2	56	<2	14	31	0.02
A20-09630	B554637	<5	<0.2	25	23	<2	27	<2	9	48	<0.01
A20-09630	B554638	<5	1	65	38	2	70	<2	21	44	0.33
A20-09630	B554639	<5	<0.2	53	45	6	42	4	27	48	0.79
A20-09630	B554640	5	<0.2	30	37	3	56	3	23	44	4.03
A20-09630	B554641	<5	<0.2	19	33	<2	41	<2	12	81	0.01
A20-09630	B554642	<5	<0.2	<1	21	2	79	<2	6	34	0.09
A20-09630	B554643	<5	<0.2	20	5	<2	5	7	5	9	3.61
A20-09630	B554644	<5	<0.2	27	22	<2	56	<2	14	72	0.04
A20-09630	B554645	8730	1.1	141	99	13	66	27	28	226	0.46
A20-09748	B554646	5	<0.2	14	21	<2	25	4	10	36	<0.01
A20-09748	B554647	7	<0.2	28	29	3	46	<2	13	40	<0.01
A20-09748	B554648	222	4.9	3310	4	6	21	<2	13	16	1
A20-09748	B554649	<5	<0.2	32	21	2	84	<2	19	19	0.02
A20-09748	B554650	<5	<0.2	15	21	4	39	<2	10	43	<0.01
A20-09748	B554651	16	<0.2	192	40	<2	55	13	29	40	0.01
A20-09748	B554652	<5	<0.2	46	65	12	70	<2	20	184	0.17
A20-09748	B554653	<5	<0.2	46	55	2	40	<2	18	150	0.33
A20-09748	B554654	<5	<0.2	5	10	<2	20	<2	11	25	0.02
A20-09748	B554655	<5	<0.2	3	16	<2	21	<2	8	37	<0.01
A20-09748	B554656	<5	<0.2	14	9	8	68	<2	10	27	0.03
A20-09748	B554657	<5	<0.2	9	46	<2	48	<2	17	62	0.01
A20-09740	B554658	<5	0.3	45	7	<2	9	<2	2	40	0.47
A20-09748	B554659	<5	1.2	117	97	3	91	<2	24	279	0.7
A20-09740	B554660	<5	0.5	62	45	6	50	<2	15	136	0.92
A20-09748	B554661	57	1.5	225	34	9	33	<2	25	102	3.91
A20-09748	B554662	6	0.5	59	16	4	27	<2	10	64	1.07
A20-09748	B554663	151	<0.2	4	2	<2	5	<2	5	12	0.19
A20-09748	B554664	322	0.7	145	39	6	61	<2	15	86	2.07
A20-09748	B554665	<5	0.2	44	69	5	50	<2	19	210	0.04
A20-09748	B554666	79	<0.2	5	80	5	65	8	18	208	0.21
A20-09748	B554667	6	<0.2	38	83	3	62	<2	17	279	0.6
A20-09748	B554668	14	<0.2	150	40	<2	47	<2	17	58	0.02
A20-09748	B554669	6	<0.2	33	84	2	60	4	22	234	0.15
A20-09748	B554670	12	<0.2	38	94	<2	63	<2	24	211	0.1
A20-09748	B554671	<5	0.3	40	71	34	112	28	20	160	0.12

Appendix 3. Assays for selected elements for rock samples collected during the 2020 field campaigns, Sakami property (standards in red and blanks in green).

Certificat	Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)	Cr (ppm)	S (%)
A20-09748	B554672	<5	<0.2	44	84	2	71	3	25	256	0.19
A20-09740	B554673	702	0.7	91	30	3	78	3	9	67	3.24
A20-09740	B554674	661	1.1	108	39	33	162	16	19	49	9.67
A20-09740	B554675	144	0.5	89	11	4	54	<2	6	45	1.73
A20-09740	B554676	94	1.3	186	22	253	1550	21	11	40	4.19
A20-09748	B554677	<5	<0.2	89	38	5	36	15	13	156	0.35
A20-09748	B554678	<5	<0.2	7	36	<2	34	3	15	51	<0.01
A20-09748	B554679	<5	<0.2	8	24	<2	29	<2	11	48	<0.01
A20-09748	B554680	12	<0.2	76	39	<2	67	<2	20	50	<0.01
A20-09748	B554681	<5	<0.2	<1	2	3	73	<2	8	4	<0.01
A20-09748	B554682	<5	<0.2	140	90	<2	56	<2	34	197	0.22
A20-09748	B554683	8350	1.2	134	103	17	68	29	31	248	0.43
A20-09748	B554684	5	<0.2	53	59	<2	34	4	23	105	0.21
A20-09748	B554685	<5	<0.2	251	42	2	52	<2	24	40	0.45
A20-09748	B554686	<5	0.3	61	73	294	177	13	41	66	0.56
A20-09748	B554687	<5	<0.2	52	57	3	49	<2	18	84	<0.01
A20-09748	B554688	<5	<0.2	1	<1	<2	4	3	<1	3	<0.01
A20-09748	B554689	<5	<0.2	95	100	<2	85	<2	41	164	0.27
A20-09748	B554690	<5	<0.2	41	41	<2	126	<2	43	57	0.14
A20-09748	B554691	<5	<0.2	47	18	<2	83	<2	38	8	0.23
A20-09748	B554692	<5	<0.2	23	20	<2	46	<2	20	40	<0.01
A20-09748	B554693	<5	<0.2	90	51	<2	117	3	47	61	0.81
A20-09748	B554694	5	0.2	141	43	2	305	<2	33	56	0.98
A20-09748	B554695	<5	<0.2	25	30	<2	97	<2	14	76	0.02
A20-09748	B554696	11	0.3	5	<1	9	29	<2	2	6	0.49
A20-09748	B554697	5	0.2	44	40	2	72	<2	20	101	0.44
A20-09748	B554698	<5	<0.2	75	34	<2	134	<2	49	55	0.19
A20-09748	B554699	<5	<0.2	59	43	12	100	2	33	79	0.12
A20-09748	B554700	18	<0.2	<1	2	<2	<2	<2	5	9	0.03
A20-09748	B554701	<5	<0.2	62	17	<2	28	<2	18	28	0.15
A20-09748	B554702	<5	<0.2	2	<1	3	3	<2	<1	5	0.04
A20-09748	B554703	<5	<0.2	25	40	2	72	<2	21	58	0.12
A20-09748	B554704	11	0.3	160	65	6	72	<2	52	146	1.63
A20-09748	B554705	18	0.3	105	32	6	52	4	163	34	3.27
A20-09748	B554706	10	<0.2	89	28	5	59	6	32	37	0.82
A20-09748	B554707	<5	<0.2	9	1	<2	6	<2	2	16	0.04
A20-09748	B554708	27	<0.2	13	<1	15	4	5	<1	11	0.12
A20-09748	B554709	<5	0.2	42	13	2	40	16	9	39	0.18
A20-09740	B554710	10	0.5	87	41	4	45	2	31	17	1.46
A20-09748	B554711	<5	<0.2	13	15	4	35	6	15	19	0.16
A20-09748	B554712	14	0.5	29	5	30	37	3	7	7	0.68
A20-09748	B554713	12	0.4	120	26	7	30	14	25	13	2.19

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Certificat	Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)	Cr (ppm)	S (%)
A20-09740	B554714	5	0.5	100	26	22	32	<2	16	18	1.54
A20-09748	B554715	312	10.8	7210	77	12	236	<2	39	258	0.91
A20-09748	B554716	574	31.8	23200	72	10	1800	2	61	66	2.26
A20-09748	B554717	29	4.9	837	107	296	723	4	27	254	0.89
A20-09748	B554718	5	<0.2	26	87	2	76	2	35	296	0.02
A20-09748	B554719	121	0.3	55	18	6	12	<2	13	8	3.69
A20-09748	B554720	37	<0.2	13	3	3	4	<2	4	8	0.19
A20-09748	B554721	52	<0.2	33	8	3	5	9	8	9	2.06
A20-09748	B554722	6	0.4	53	35	6	82	<2	14	116	3.1
A20-09748	B554723	16	0.5	75	32	3	54	<2	17	79	2.95
A20-09748	B554724	<5	<0.2	10	60	4	73	18	12	186	0.18
A20-09748	B554725	<5	<0.2	1	<1	<2	<2	<2	<1	5	0.05
A20-09748	B554726	23	0.5	38	22	3	9	<2	22	9	8.19
A20-09748	B554727	<5	<0.2	14	24	<2	27	<2	15	35	2.65
A20-09748	B554728	<5	<0.2	8	2	<2	6	<2	1	25	0.04
A20-09748	B554729	<5	<0.2	10	7	5	57	<2	12	14	0.03
A20-09748	B554730	<5	0.7	34	33	13	73	4	21	50	0.7
A20-09748	B554731	<5	0.2	17	28	2	57	<2	11	62	0.27
A20-09740	B554732	<5	<0.2	69	12	3	51	<2	22	18	1.44
A20-09740	B554733	<5	<0.2	67	12	<2	52	<2	15	22	1.01
A20-09740	B554734	<5	<0.2	55	15	<2	50	<2	16	19	0.6
A20-09740	B554735	<5	0.2	51	3	6	86	<2	16	14	1.31
A20-09740	B554736	10	<0.2	48	28	4	38	3	17	40	2.55
A20-09740	B554737	7	<0.2	55	16	3	8	3	16	30	2.9
A20-09740	B554738	10	<0.2	16	35	3	50	2	21	36	4.18
A20-09740	B554739	12	0.3	63	71	<2	43	<2	31	96	6.33
A20-09740	B554740	7	<0.2	24	14	3	72	<2	12	35	4.48
A20-09740	B554741	<5	<0.2	28	3	<2	51	3	4	9	0.59
A20-09740	B554742	11	<0.2	70	43	3	46	<2	19	44	2.46
A20-09740	B554743	6	<0.2	17	33	<2	72	<2	13	55	1.85
A20-09748	B554744	846	53.3	4880	26	4020	23500	1720	34	38	18.2
A20-09748	B554745	9	0.3	31	31	6	92	11	17	29	4.5
A20-09748	B554746	<5	<0.2	24	7	<2	95	<2	8	17	0.11
A20-09748	B554747	<5	<0.2	5	6	2	83	2	10	26	0.2
A20-09748	B554748	<5	0.3	67	35	3	439	<2	21	23	1.88
A20-09748	B554749	<5	0.3	179	14	3	78	2	19	11	2.12
A20-09748	B554750	29	1.6	192	8	43	35400	13	17	13	2.54
A20-09630	B554751	<5	<0.2	45	23	2	132	<2	14	55	0.59
A20-09630	B554752	98	187	154	6	7950	1080	4	12	45	0.95
A20-09630	B554753	328	266	13	24	50560	192000	12	21	18	6.21
A20-09630	B554754	60	38.6	48	41	707	13300	9	35	55	2
A20-09630	B554755	<5	1.3	4	7	336	778	<2	4	48	0.18

Appendix 3. Assays for selected elements for rock samples collected during the 2020 field campaigns, Sakami property (standards in red and blanks in green).

Certificat	Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)	Cr (ppm)	S (%)
A20-09630	B554756	18	0.2	34	1	14	104	<2	10	10	0.02
A20-09630	B554757	<5	<0.2	7	2	25	76	<2	<1	52	<0.01
A20-09630	B554758	86	<0.2	73	2	6	74	<2	13	22	0.32
A20-09630	B554759	<5	<0.2	3	3	13	45	<2	1	47	<0.01
A20-09630	B554760	<5	<0.2	73	46	3	65	<2	18	80	0.01
A20-09630	B554761	<5	<0.2	15	6	8	32	<2	2	56	<0.01
A20-09630	B554762	9	0.2	33	62	4	66	<2	19	156	0.12
A20-09630	B554763	5	<0.2	82	15	5	28	<2	6	54	0.01
A20-09630	B554764	48	<0.2	798	52	8	34	<2	26	33	2.3
A20-09630	B554765	44	<0.2	300	34	5	22	<2	17	38	1.35
A20-09630	B554766	<5	<0.2	23	5	<2	7	<2	2	71	0.04
A20-09630	B554767	<5	<0.2	45	36	<2	90	683	18	118	1.29
A20-09630	B554768	35	1.4	216	42	14	503	7	22	31	2.25
A20-09630	B554769	<5	0.4	107	32	<2	42	<2	31	64	1.05
A20-09630	B554770	<5	<0.2	79	22	<2	133	<2	27	30	1.14
A20-09630	B554771	<5	<0.2	4	21	<2	21	<2	5	81	<0.01
A20-09630	B554772	<5	<0.2	28	10	<2	26	<2	8	62	0.06
A20-09630	B554773	<5	<0.2	157	58	5	50	<2	16	172	0.27
A20-09630	B554774	1260	39.9	30200	14	5900	22800	100	223	18	12.5
A20-09630	B554775	46	0.4	15	5	6	31	<2	7	42	0.22
A20-09630	B554776	<5	3.4	104	38	29	688	<2	24	130	1.44
A20-09630	B554777	7	<0.2	5	3	<2	7	<2	<1	63	0.03
A20-09630	B554778	<5	0.4	41	61	6	72	<2	18	134	0.57
A20-09630	B554779	28	0.3	121	15	<2	9	<2	11	18	2.93
A20-09630	B554780	<5	<0.2	1	<1	<2	4	<2	<1	4	0.02
A20-09630	B554781	<5	<0.2	12	2	2	20	<2	3	12	0.28
A20-09630	B554782	<5	<0.2	82	18	4	55	<2	9	60	1.66
A20-09630	B554783	<5	<0.2	34	3	<2	18	<2	4	53	0.59
A20-09630	B554784	<5	<0.2	10	20	4	25	<2	5	40	0.3
A20-09630	B554785	<5	<0.2	7	10	4	30	<2	8	35	0.06
A20-09630	B554786	<5	<0.2	38	4	<2	45	<2	5	33	0.3
A20-09630	B554787	<5	<0.2	25	3	3	39	<2	7	18	0.36
A20-09630	B554788	<5	<0.2	<1	1	<2	2	<2	1	55	0.1
A20-09630	B554789	68	6.7	1720	13	28	178	<2	5	46	0.98
A20-09630	B554790	117	3.1	991	14	22	115	<2	7	62	0.37
A20-09748	B554791	<5	0.7	971	53	14	36	2	118	7	3.97
A20-09748	B554792	<5	0.3	91	83	8	68	<2	23	148	1.59
A20-09748	B554793	<5	0.3	42	62	7	59	<2	18	187	0.31
A20-09748	B554794	<5	<0.2	47	120	<2	81	<2	27	267	0.13
A20-09748	B554795	<5	<0.2	58	84	5	47	<2	20	234	0.37
A20-09748	B554796	<5	0.2	324	74	2	51	<2	37	78	1.19
A20-09748	B554797	<5	<0.2	30	18	<2	29	<2	10	28	0.11

Appendix 3. Assays for selected elements for rock samples collected during the 2020 field campaigns, Sakami property (standards in red and blanks in green).

Certificat	Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)	Cr (ppm)	S (%)
A20-09748	B554798	<5	0.6	47	19	<2	18	<2	8	51	0.06
A20-09748	B554799	<5	<0.2	184	68	<2	41	<2	166	123	4.23
A20-09748	B554800	<5	<0.2	74	39	<2	38	<2	25	163	0.66
A20-09748	B554801	<5	<0.2	30	62	3	59	<2	20	166	0.11
A20-09748	B554802	<5	<0.2	18	55	2	47	<2	19	146	0.16
A20-09748	B554803	<5	<0.2	38	5	4	86	<2	20	6	0.04
A20-09748	B554804	<5	<0.2	72	<1	7	22	3	10	16	0.84
A20-09748	B554805	<5	<0.2	38	45	<2	35	<2	20	71	0.86
A20-09748	B554806	8	0.2	33	51	<2	97	<2	23	122	1.27
A20-09748	B554807	32	1.2	1040	38	5	274	<2	54	35	1.58
A20-09748	B554808	<5	<0.2	25	48	3	71	3	26	59	3.95
A20-09748	B554809	124	0.5	201	51	12	236	7	33	51	0.25
A20-09748	B554810	36	0.5	192	49	16	433	2	51	45	0.3
A20-09748	B554811	<5	<0.2	4	3	<2	15	2	1	26	<0.01
A20-09748	B554812	270	0.5	291	28	14	325	<2	28	43	0.68
A20-09740	B554813	236	1.5	961	21	4	156	3	21	35	0.7
A20-09748	B554814	21	0.4	413	6	8	70	17	26	8	0.66
A20-09748	B554815	15	0.4	58	57	15	384	<2	26	77	0.85
A20-09748	B554816	6	0.6	372	12	3	38	2	19	29	0.49
A20-09748	B554817	<5	<0.2	26	5	4	66	<2	8	12	0.39
A20-09748	B554818	<5	<0.2	<1	<1	<2	5	<2	<1	2	<0.01
A20-09748	B554819	<5	<0.2	3	4	4	3	3	9	8	0.05
A20-09748	B554820	5	<0.2	54	15	<2	66	2	18	58	0.22
A20-09748	B554821	5	<0.2	4	2	14	6	<2	5	8	0.1
A20-09748	B554822	<5	<0.2	14	46	6	59	<2	13	107	0.21
A20-09748	B554823	<5	<0.2	93	58	<2	37	<2	24	166	0.03
A20-09748	B554824	<5	<0.2	96	13	16	44	4	45	15	0.44
A20-09748	B554825	<5	<0.2	125	141	<2	76	<2	47	273	0.34
A20-09748	B554826	<5	<0.2	33	88	34	118	<2	21	184	0.12
A20-09748	B554827	<5	<0.2	30	22	2	33	<2	12	26	<0.01
A20-11588	B554851	33	1.6	81	37	3	3070	<2	16	71	1
A20-11588	B554852	18	1.8	51	46	11	492	<2	18	69	0.77
A20-11588	B554853	52	2.8	360	50	16	8860	<2	30	210	3.14
A20-11588	B554854	15	1.5	29	48	9	2770	<2	15	131	1.03
A20-11588	B554855	30	1.6	45	61	25	2930	<2	20	145	0.96
A20-11588	B554856	8	1.2	60	51	5	408	<2	23	72	0.99
A20-11588	B554857	7	1.6	50	67	29	419	<2	27	45	1.41
A20-11588	B554858	5	0.9	14	35	3	88	<2	20	25	3.41
A20-11588	B554859	3900	31.7	1010	30	315	40500	30	74	29	4.89
A20-11588	B554860	96	2	103	19	62	189	11	9	39	3.09
A20-11588	B554861	37	1.3	68	14	17	143	<2	5	44	2.23
A20-11637	B554862	<5	0.7	211	57	4	82	<2	29	94	0.45

Appendix 3. Assays for selected elements for rock samples collected during the 2020 field campaigns, Sakami property (standards in red and blanks in green).

Certificat	Sample	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)	Cr (ppm)	S (%)
A20-11637	B554863	6	0.7	49	50	<2	80	<2	27	77	1.42
A20-11637	B554864	8	0.7	9	32	5	64	<2	24	18	4.16
A20-11637	B554865	<5	0.8	10	14	2	21	<2	5	29	0.49
A20-11637	B554866	128	1.2	72	12	<2	18	<2	6	57	1.37
A20-13639	B554867	12	<0.2	12	16	3	24	<2	10	35	0.04
A20-13639	B554868	<5	<0.2	28	26	3	49	<2	10	32	0.04
A20-13639	B554869	<5	<0.2	48	1	11	12	<2	1	10	<0.01
A20-13639	B554870	<5	0.4	958	159	<2	41	<2	73	61	2.24
A20-13639	B554871	<5	<0.2	<1	<1	<2	<2	<2	<1	1	<0.01
A20-13639	B554872	<5	0.6	1320	193	3	26	<2	77	58	2.87
A20-13639	B554873	<5	<0.2	370	75	<2	60	<2	37	167	0.74
A20-13639	B554874	<5	0.6	1360	246	2	48	<2	106	73	3.78
A20-13639	B554875	<5	0.4	316	32	3	27	<2	22	68	0.58
A20-13639	B554876	491	7.7	4450	12	4	33	<2	16	14	0.51
A20-13639	B554877	7	0.3	196	24	9	58	<2	14	48	0.11
A20-13639	B554878	<5	0.4	133	8	7	36	<2	8	15	0.08
A20-13639	B554879	2330	122	5250	13	408	799	940	6	36	1.56
A20-09748	B554951	9	0.7	76	25	3	141	4	20	15	0.88
A20-09748	B554952	15	1.6	121	17	265	25000	3	22	21	1.97
A20-09748	B554953	9	1.2	231	5	42	26000	<2	18	16	2.07
A20-09748	B554954	<5	<0.2	50	29	<2	164	<2	22	61	0.7
A20-09748	B554955	24	1	116	73	20	223	<2	38	186	4.61
A20-09748	B554956	<5	<0.2	<1	<1	<2	5	<2	<1	3	<0.01
A20-09748	B554957	<5	<0.2	10	<1	<2	31	<2	4	6	<0.01
A20-09748	B554958	13	0.9	66	20	10	82	6	21	28	1.63
A20-09748	B554959	<5	0.3	21	23	13	152	<2	14	30	1.25
A20-09748	B554960	<5	0.4	83	30	14	95	6	55	16	3.63
A20-09748	B554961	<5	<0.2	15	36	10	67	<2	17	74	0.04
A20-09748	B554962	8	0.5	77	26	9	171	6	21	68	2.45
A20-09748	B554963	<5	<0.2	20	11	6	158	<2	8	32	0.4
A20-09748	B554964	<5	0.3	91	13	5	300	3	16	38	0.49
A20-09748	B554965	6	0.3	116	35	8	277	<2	23	44	2.13
A20-09748	B554966	5	0.5	129	11	3	111	<2	16	22	0.79
A20-09748	B554967	<5	0.2	40	30	5	119	<2	15	87	1.19
A20-09748	B554968	5	0.3	55	44	7	225	<2	24	46	1.63
A20-09740	B554969	<5	<0.2	1	<1	<2	20	<2	<1	3	0.01
A20-09740	B554970	895	54.1	5150	17	3900	>10000	1650	27	42	>20.0

Appendix 4. Assay values for all channel samples collected from the GoldenEye propspect during the 2020 campaigns.

Channel no.	Easting*	Northing	From (m)	To (m)	Length (m)	Sample no.	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Description
TR06-R1	387531	5916968	0.0	1.0	1.0	1007065	40	1	72	69	5	Patine altérée brun rouille et fraîche grise foncé. Granulométrie aphanitique à fine. Composition majoritairement amphiboles mais horizons millimétriques plus riche en quartz qui semble être un réseau de veines et veinules de quartz. Le contact est franc entre les veines et l'encaissant. Les veines contiennent traces Py/Po disséminé. Épontes des veines 1% Py stringer. Encaissant 2-3% Py stringer et 1-2% Po disséminé. Localement veinules massive de Py. Minéralisation concordante à la foliation et aux veines de quartz.
			1.0	2.0	1.0	1007066	166	1	73	57	< 2	Idem à A1007065 mais la matrice possède 1% de phénocristaux d'amphiboles xénomorphes qui sont discordants à la foliation. Grenats porphyroblastiques aussi présents à moins de 1% de l'unité. Faible chloritisation aux épontes des veines de quartz.
			2.0	3.0	1.0	1007067	323	1.3	99	45	< 2	Unité à déformation plus intense. Aucune direction préférentielle distinguable. Stockwerk de veinules de quartz diffuses. Localement veines de carbonates avec épontes de chlorite. 1-2% Py amas , 1-2% Po diss et trace Cp diss. Chloritisation moyenne à élevé. Phénocristaux d'amphibole compose 4-5% de l'unité. Trace de grenats porphyroblastique
			3.0	4.0	1.0	1007068	36	0.9	62	59	< 2	Amphibolite avec veines et veinules riche en quartz. Foliation observé. Granulométrie fine. 2-3% de grenats porphyroblastique. Veines de pyrrhotite massive concordante à la foliation. Bandes millimétriques composée de grenats. 3-4% Po diss , 3-4% Py strg. Minéralisation concordant à la foliation. Localement veinules de quartz/carbonates altéré.
			4.0	5.0	1.0	1007070	153	1.1	82	65	< 2	Premiers 60 cm: Idem à A1007068 cependant possède 3 à 4% de grenats. Aucune veines de pyrrhotite massive. Derniers 40 cm: Patine fraîche noire et granulométrie aphanitique. Veinules tradives recoupant la foliation. Semble y avoir deux familles de veines de quartz. La première concordantes à la foliation et la seconde la recoupant. Moins de 1% de grenats porphyroblastiques. 2-3% Po diss , 1-2% Py strg , Minéralisation suit la foliation.
			5.0	6.0	1.0	1007071	16	0.8	21	70	3	Granulométrie aphanitique. Patine altérée noir verdâtre. Phénocristaux d'amphiboles xénomorphes. Veines de quartz et veinules de chlorite concordantes à la foliation. Aux épontes des veines de quartz forte altération en chlorite. Traces de grenats porphyroblastiques disséminé dans l'unité. Minéralisation aux épontes des veines de quartz. 1-2% Py strg, 1-2% Po diss. Localement veinules carbonates altérées.
			6.0	7.0	1.0	1007073	2.5	0.8	18	76	7	Premiers 60 cm: Idem à A1007071. Derniers 40 cm: Patine fraîche verdâtre. Granulométrie fine. Amphiboles en baguette localement. Veinules de quartz.Chloritisation forte. Texture massive. Aucune minéralisation visible.
			7.0	8.0	1.0	1007074	8	0.5	< 1	70	3	Idem à A1007073. Localement veines de quartz/carbonates.
TR06-R2	387535	5916964	0.0	1.0	1.0	1007075	2.5	0.7	34	80	5	Patine altérée brun rouille. Granulométrie aphanitique. Foliation bien développée visible par les veinules de quartz. Localement phénocristaux d'amphiboles. Altération en chlorite plus intense ou se retrouve les phénocristaux d'amphiboles. Minéralisation plus importante aussi. 2% Py stringer. Encaissant possède 1-2% Py strg et 1-2% Po diss.

Appendix 4. Assay values for all channel samples collected from the GoldenEye propspect during the 2020 campaigns.

Channel no.	Easting*	Northing	From (m)	To (m)	Length (m)	Sample no.	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Description
			1.0	2.0	1.0	1007076	8	0.9	60	67	4	Réseau de veinules de quartz plus important et localement altération en séricite faible à moyen. Bandes centimétriques ou se retrouve les phénocristaux d'amphiboles et la minéralisation. 1-2% Py strg et traces grenats porphyroblastiques. Plissement ou veinules tardives qui recoupent la foliaton.
TR06-R3	387531	5916968	0.0	1.0	1.0	1007077	2.5	0.7	21	78	11	Aspect brèchique. Clast de M16 observé. Veines de quartz anastomosé. Aucune foliation n'a pu être observé. Altération en chlorite faible. Aucune réaction au HCl dans les veines. Trace Py/Po diss.
			1.0	2.0	1.0	1007078	76	0.9	51	85	14	Premiers 80 cm: Idem à A1007077 cependant, la foliation est visible. Trace Py amas en épontes des veinules de quartz. Localement veinules de quartz/carbonates. Veinules qui recoupent la foliation. Trace de grenats porphyroblastiques. Derniers 20 cm: Zone à forte concentration de sulfures. Importante quantité de veines de quartz/carbonates (2%) associé à une minéralisation sous la forme de 2% Py amas et 1% Po veinules massives.
			2.0	3.0	1.0	1007080	20	0.8	19	88	9	Premiers 20 cm: Idem à A1007078 de 0,8 à 1m. Derniers 80 cm: Idem à A1007077 avec grenats porphyroblastiques (1%). Kink bands observé dans l'unité. Localement phénocristaux d'amphiboles altérés. Forte altération en chlorite dans l'ensemble. Trace Py amas dans veinules et trace Po diss.
			3.0	4.0	1.0	1007081	44	1.5	56	149	43	Premiers 20 cm: Zone rouillé riche en sulfures. Veinules de quartz carbonates concordantes à la foliation. Veinules de pyrite massives 4-5%. Trace à 1% de Po. Altération en chlorite aux épontes des veines faible à moyenne. Trace de grenats porphyroblastiques et de phénocristaux d'amphiboles. Derniers 80 cm: Texture brèchique observé. Phénocristaux d'amphiboles associé avec 1% Py amas. Grenats porphyroblastiques composant 1% de l'unité.
			4.0	5.0	1.0	1007082	13	0.9	34	71	4	Premiers 50 cm: Unité intensémment déformé. Granulométrie aphanitique. Évidences de plissement et clast de M16. Aspect brèchique. 1-2% phénocristaux d'amphiboles hypidiomorphes. Fabrique CS observé ? Derniers 50 cm: Foliation bien développé observé. 1-2% Py strg , 1% Po diss. Localement bandes riches en grenats.
			5.0	6.0	1.0	1007084	7	0.9	42	61	7	Zone d'environ 0,4 m rouillé et riche en veinules de quartz carbonates. 3-4% Py strg aux épontes des veines de quartz plissée. 1-2% Po strg en association avec Py. Reste de l'unité idem à A1007082.
TR06-R4	387544	5916968	0.0	1.2	1.2	1007085	95	0.9	52	61	< 2	Roche mafique à grains très fins (protolithe basaltique). Premiers 50 cm; bandes d'altération conforme formant un léger rubanement. Bandes plus pâles veinules quartz-feldspath, localement 5% d'amphiboles porphyroblastiques grossièrement orientées. 1% pyrite-pyrrhotite très fins disséminés à veinules et bandes chloriteuses. Les derniers décimètres sont à texture "proto-bréchique" avec 20% de veines qtz-fp-cb et chloritisation.

Appendix 4. Assay values for all channel samples collected from the GoldenEye propspect during the 2020 campaigns.

Channel no.	Easting*	Northing	From (m)	To (m)	Length (m)	Sample no.	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Description
TR06-R5	387545	5916968	0.0	1.1	1.1	1007086	36	1.1	54	67	5	Basalte à veinules de qtz-fp millimétriques, traces pyrite. Zone à veine centimétrique (+carbonate et chlorite) et veinule de pyrrhotite. Amphiboles tardives (Jusqu'à 3mm). Allure bréchique au début de l'échantillon, avant les zones à veine et altération.
			1.1	1.9	0.8	1007087	7	0.6	18	69	4	Traces pyrite. Bréchique. Contient une zone plus intense liée à de la chloritisation, 5% d'amphiboles porphyroblastiques, des veinules de pyrite et traces de pyrrhotite. Carbonates. Veinules à amphibole-chlorite semblant recouper la bréchification.
			1.9	2.9	1.0	1007088	58	0.9	48	72	3	Veinules felsiques fracturant l'encaissant. Traces à 1% grenat. Certains niveaux plus pâles à 5% amphiboles faiblement orientées, près de veines centimétriques à quartz-calcite-chlorite. Veinules discontinues de pyrite, localement 1%.
			2.9	3.7	0.8	1007089	2.5	1	71	68	4	traces à 1% grenat. "proto-bréchique". Quelques veines qtz-cb-chl, jusqu'à 5% amphiboles. Veinules de pyrite, localement jusqu'à 5%.
TR06-R6	387570	5916994	0.0	1.0	1.0	1007090	427	1.2	34	42	17	Intrusif felsique porphyroïde. Matrice siliceuse à grains fins, phénocristaux de plagioclase 3 mm, 3% biotite, traces de pyrite disséminée. Fractures chloriteuses tardives (+ pyrite et traces grenat). Non-magnétique.
			1.0	2.0	1.0	1007091	190	2.2	30	26	15	Encaissant, idem. Veinules à chlorite plus intenses, veinules de pyrite. Une veine cm de pyrrhotite-pyrite. Globalement 5% sulfures.
TR06-R7	387571	5916993	0.0	1.0	1.0	1007092	1020	1.8	97	116	15	Échantillon fortement rouillé et météorisé sur 70% de sa longueur. Amphibolite, veines de quartz cm irrégulières, silicification modérée en veinules, 3% de grenat jusqu'à 4 mm et 3-4% pyrite.

Appendix 4. Assay values for all channel samples collected from the GoldenEye propspect during the 2020 campaigns.

Channel no.	Easting*	Northing	From (m)	To (m)	Length (m)	Sample no.	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Description
			1.0	2.0	1.0	1007093	312	0.8	20	49	< 2	5% grenat 0.5-4 mm. Quelques veines (5 mm) de quartz +/- chlorite. Globalement 4% pyrite en bordure du quartz.
			2.0	2.8	0.8	1007094	31	0.8	18	77	4	10% de veines centimétriques de quartz-calcite. Localement forte chloritisation. 2% grenat 1mm. 5% pyrite en veinules (+ autre sulfure oxydé?).
TR06-R8	387579	5916997	0.0	1.0	1.0	1007095	1100	1.8	100	46	6	Échantillon fortement rouillé et météorisé sur 40% de sa longueur. Au mètre 0 on reconnait le protolithe basaltiques mais la chloritisation/amphibolitisation est rapidement quasi-complète. Quelques veinules de quartz-calcite, 7% grenat 5 mm, 2% veinules de pyrite.
			1.0	2.0	1.0	1007096	162	0.9	18	60	5	Zone de transition, échantillon composite. (1/2) M16 Grt (5%), 4% veinules qtz-cb, jusqu'à 5% pyrite liée aux veines. (1/2) Zone non-minéralisée, basalte, chlorite moyen faible, veine cm, traces Grt.
			2.0	3.0	1.0	1007097	312	1.2	41	51	6	Hétérogène. Basalte, chloritisation faible. Zone à silicification hétérogène assez forte. 1% grenat. Localement 3% pyrite, globalement 1% calcite. Magnétique
TR06-R9	387586	5916991	0.0	0.5	0.5	1007098	14	1.6	19	87	17	Roche beige pâle en surface altérée et gris moyen foncé en cassure. Modéremment siliceuse. Traces grenat, 2-3% amphibole. Petits clastes siliceux. En première interprétation, protolithe de V1/V2 tuf. Veine cm à quartz-calcite, veinule de pyrite.
			0.5	1.0	0.5	1007099	1060	1.8	104	57	14	Roche mafique , silicification et chloritisation modérées, 1% grenat et 4% pyrite en stringers. Environ 10 cm du dyke porphyrique.
			1.0	2.0	1.0	1007100	456	2.4	179	703	161	Encaissant fortement silicifié et chloritisé. Nombreuses veines parfois pluri-cm à contacts diffus (quartz-carbonates). Localement 10% sulfures (pyrrhotite/pyrite) en amas/veinules. Bandes à grenat.

Appendix 4. Assay values for all channel samples collected from the GoldenEye propspect during the 2020 campaigns.

Channel no.	Easting*	Northing	From (m)	To (m)	Length (m)	Sample no.	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Description
			2.0	3.0	1.0	1007001	190	1.4	72	57	17	Amphibolite à chloritisation modérée, silicification et veine de quartz modérés. Traces de calcite. 3% grenat, 1% pyrite. Une veine (3-4 cm) de quartz-carbonate avec chlorite, pyrite, pyrrhotite.
			3.0	4.0	1.0	1007002	1150	2.1	147	23	9	Amphibolite à veinules de quartz. 60% de l'échantillon est fortement météorisé. Veines de quartz-carbonates (bréchique), nombreuses veinules à amphiboles, chlorite. Jusqu'à 10% pyrite/pyrrhotite.
			4.0	4.6	0.6	1007004	3090	3.5	147	49	16	Continuité de la zone à quartz-carbonates-chlorite 10% pyrite-pyrrhotite. Se termine avec 20 cm de basalte peu altéré à veinules de quartz-feldspath comme dans les premières rainures.

*NAD83; Zone 18N

Appendix 5. Assay values for selected elements analyzed for channel samples collected on the Lamarche prospect during the 2020 field campaigns, Sakami property.

Channel no.	Easting*	Northing	From (m)	To (m)	Length (m)	Sample no.	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Description
TR01-R1	390654	5921876	0	1	1	1007055	351	712.0	209	40400	28100	Patine altérée brunâtre et fraîche grise pâle. Granulométrie fine. Réagis a l'acide localement dans les bandes leucocrates. La roche est faiblement magnétique. La roche contient 2 a 3 % de grenats et localement peut aller jsuqu'a 5%. Un rubannement est observé entres les bandes millimétriques mélanocrates riche en ferromagnésiens et les bandes leucocrates riche en plagioclases. Localement des veinules rouillées aux épontes de carbonates viennent recoupées le rubannement. Le rubannement est diffus. Localement 4-5% de sphalérite et galène cubique sous forme de veinules millimétriques (0,4 m). Dans l'ensemble 0,5 a 1% pyrite disséminé et 0,5 % chalcopyrite en amas.
			1	2	1	1007056	< 5	15.4	62	986	178	Premiers 60 cm: La roche semble sédimentaire dû a sa composition majoritairement plagioclases, biotite, grenats, amphiboles. La matrice semble être des plagioclases. La texture observé est un rubannement. 40 cm: Granulométrie fine a aphanitique. Texture massive. Grenats 2-3% . Aucune minéralisation présente.Veinules de quartz-carbonates concordantes a rubannement. 1-2% pyrite en amas.
TR01-R2	390658	5921875	0	1	1	1007057	< 5	2.6	53	68	31	Patine altérée et fraîche grise pâle. Granulométrie fine a moyenne. Composition : Plagioclases, amphiboles, biotite et grenats porphyroblastiques. Veinules de quartz carbonates concordantes a la foliation.Bandes millimétriques entièrement composées de grenats. 1-2% PO/PY diss, trace CP diss.
			1	2	1	1007058	< 5	6.4	47	279	57	Échantillon composite entre le précédent et le suivant.
			2	3	1	1007059	38	10.9	56	1690	241	Déformation plus importante de 1,4 a 1,6m.A partir de 2,4m La minéralisation recoupe la foliation. Les cristaux de plagioclases sont plus grossiers dans cette zone. A 2,9 m contact franc avec zone cisaillement rouillé.
TR01-R3	390658	5921874	0	1	1	1007060	28	17.8	59	2170	356	Patine altérée et fraîche grise. Granulométrie fine. Bandes millimétriques de grenats. Minéralisation concordante a la foliation. Legerement magnétique. Reagis au HCl dans veinules de quartz carbonates. Trace PO/PY diss, trace a 1% localement chalcopyrite en amas. A partir de 0,5m shear zone rouillé a patine altérée grise verdâtre. Rubannement diffus observable avec veinules rouillés contenant des carbonates. La minéralisation est concordante a la foliation. 1-2% PY stringer, 0,5-1% chalcopyrite disséminé et trace chalcopyrite amas.
TR01-R4	390659	5921876	0	1	1	1007061	37	24.7	57	2500	549	Premiers 40 cm: Shear zone a patine altérée couleur rouille et fraîche grise verdâtre. Granulométrie fine. Composition : plagioclases, amphibole, biotite et grenats porphyroblastiques. Rubannement diffus entre bandes millimétriques riche en plagioclases et bandes amphiboles-biotite. La minéralisation est parallèle au au rubannement. 1-2% PY/PO disséminé, trace chalcopyrite amas. Derniers 60 cm: Unité sédimentaire a rubannement diffus. Trace pyrite disséminé. Grenats porphyroblastiques disséminé.

Appendix 5. Assay values for selected elements analyzed for channel samples collected on the Lamarche prospect during the 2020 field campaigns, Sakami property.

Channel no.	Easting*	Northing	From (m)	To (m)	Length (m)	Sample no.	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Description
TR01-R5	390627	5921872	0	0.35	0.35	1007062	31	4.1	104	3	291	Patine altérée et fraîche grise pâle. Granulométrie fine. Foliation bien développée. Bandes millimétriques hématisé localement.Les grenats sont absents.
TR01-R6	390634	5921877	0	0.85	0.85	1007063	46	4.4	100	1	678	Plus intensément déformé ou la foliation est tres bien développé. Granulométrie fine a moyenne.Grenats sont déformés et brisé. 1% PY disséminé.
TR02-R1	390517	5921761	0	1	1	683506	2.5	0.3	62	219	7	Roche à grains fins-moyens, matrice riche en plagioclase, 15-30% mafiques (amphiboles vertes et biotite). Forte linéation (ratio d'étirement 3-4:1). Traces pyrite. 5% veinules de quartz liées à chloritisation, traces de grenat et possible diopside. Augmentation du grenat (jusqu'à 3%) et diminution des amphiboles à proximité du prochain échantillon.
			1	1.5	0.5	683507	760	1.9	187	6370	10	Niveau rouillé, matrice à grains fins typique de wacke à biotite-chlorite. 1-2% Po Py disséminés en grains allongés. Faible déformation des minéraux felsiques. 3% grenat. Zones de cisaillement centimétriques +/- veinules de quartz (tr. Carbonates) associées à une forte chloritisation, des veinules de pyrite et des traces de chalcopyrite.
			1.5	2.5	1	683509	24	0.5	79	706	10	Roche à grains fins grisâtre. S3 à biotite-chlorite 1% grenat, jusqu'à 1% Po. Déformé. Plus rares veinules à quartz amphibole chlorite grenat pyrite, traces chalcopyrite. Évolue graduellement vers la roche à amphiboles plus grossières et étirées.
TR02-R2	390516	5921760	0	1	1	683510	1710	3.4	177	4000	11	Encaissant S3 biotite fortement chloritisé. 0.5% grenat et 1% Po. Échantillon centré sur une zone à veines de quartz (20 vol%). Forte altération de l'encaissant (chlorite, carbonates, grenat grossier) et amphiboles noirs/verts prismatiques non-orientés. Veinules à pyrite et traces chalcopyrite.
TR02-R3	390515	5921760	0	0.8	0.8	683511	109	3.2	367	3090	11	Voir précédent, 15% veines

Appendix 5. Assay values for selected elements analyzed for channel samples collected on the Lamarche prospect during the 2020 field campaigns, Sakami property.

Channel no.	Easting*	Northing	From (m)	To (m)	Length (m)	Sample no.	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Description
TR02-R4	390516	5921755	0	0.5	0.5	683513	8	0.4	68	153	9	Roche intermédiaire à biotite et amphiboles plus grossières allongées.
			0.5	1.5	1	683514	48	2.3	195	1410	7	Wacke rouillé à grenat et traces de Po Py. Contient des zones cisaillées (+/- veine quartz) à bordure de grenat, amphiboles prismatiques, chlorite, pyrite, traces de chalcopyrite (possible sphalérite?). Contient quelques centimètres transitionnels vers V2.
			1.5	2.5	1	683515	6	1.4	59	91	9	Typique V2(?) non-minéralisé: fine biotite, amas de biotite et phénocristaux d'amphiboles chloritisés en linéation, rares traces de pyrite. Occasionnelles (2%) veines de quartz à épontes amphiboles et traces de grenats. Trous de dissolution de carbonates.
			2.5	3.5	1	683516	< 5	1.2	41	81	7	Typique V2 non-minéralisé, une seule veine de quartz (moins de 1%)
			3.5	4.5	1	683517	< 5	1.2	51	89	6	Typique V2 non-minéralisé
			4.5	5.7	1.2	683518	< 5	1.7	41	150	9	Typique V2(?) non-minéralisé évoluant progressivement vers S3 biotite-chlorite. Quelques petites veines de quartz (+ trous carbonates?) à épontes chlorite-amphibole-grenat-pyrite.
			5.7	6.7	1	683519	7	1.6	60	2090	10	Wacke biotite-chlorite, traces Py-Po
			6.7	7.7	1	683520	18	2.1	79	3900	11	Wacke biotite-chlorite, 0.5% grenat matriciel, moins de 1% Po-Py diss. Quelques veines quartz typiques (bordures chloriteuses, veinules de pyrite).

Appendix 5. Assay values for selected elements analyzed for channel samples collected on the Lamarche prospect during the 2020 field campaigns, Sakami property.

Channel no.	Easting*	Northing	From (m)	To (m)	Length (m)	Sample no.	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Description
			7.7	8.7	1	683521	14	1.5	54	930	14	Idem, un peu plus de veines de quartz liées à une plus forte chloritisation
			8.7	9.2	0.5	683522	7	0.6	47	545	16	Encaissant semblable à précédemment, mais zone à veines de quartz (30%) oxydées, bordures chloriteuses. 1% pyrite.
			9.2	9.9	0.7	683523	2.5	1.3	40	365	43	Wacke biotite-chlorite, traces Py-Po
			9.9	10.5	0.6	683524	2.5	0.4	45	366	14	Wacke biotite-chlorite, traces Py-Po, localement grenat
TR02-R5	390509	5921757	0	1	1	683525	12	1.0	72	2400	19	Encaissant wacke à biotite-chlorite, 1% grenat matriciel. Zone d'altération centrée sur des veinules mm de sphalérite pyrite, aux épontes fortement chloritisées et aiguilles d'amphibole. L'encaissant a de la pyrrhotite disséminée et est magnétique.
			1	1.6	0.6	683526	9	1.3	35	404	6	Veine de quartz (non-minéralisée) et encaissant S3 chloritisé à 1-2% Po Py
			1.6	2.6	1	683527	6	1.5	44	512	11	Wacke, 1% Po-Py, veinules pyrite, possible sphalérite (dur à dire car oxydé)
TR02-R6	390510	5921754	0	1	1	683529	9	1.6	43	260	9	Wacke, veinules quartz, chlorite. Pyrite, pyrrhotite disséminées.

Appendix 5. Assay values for selected elements analyzed for channel samples collected on the Lamarche prospect during the 2020 field campaigns, Sakami property.

Channel no.	Easting*	Northing	From (m)	To (m)	Length (m)	Sample no.	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Description
			1	2	1	683530	9	1.6	40	1070	14	Roche à grains fins-moyens, matrice riche en plagioclase. La déformation est plus intense près des veines de quartz qui compose environ 1% de l'unité .Linéation observée. 1 % pyrrhotite disséminé. 1% pyrite disséminé dans la matrice et en amas localement dans veines de quartz. Traces de grenats disséminé. Épontes veines de quartz carbonates et chlorite .
			2	3	1	683531	8	1.4	54	1090	9	Encaissant semblable au précédent. Minéraux de chlorite déformés et étirés. Veines de quartz a éponte de chlorite.Foliation bien développé. Chloritisation forte et apparait sous forme de veinules. Les veinules de quartz sont moins abondantes que A683530.
			3	4	1	683532	< 5	1.1	41	234	11	Encaissant semblable au précédent. Grenats incorporé dans la matrice a grains fins. Trace de grenats porphyroblastiques disséminé. Bandes millimétriques de biotite concordantes a la linéation.Altération en chlorite forte aux épontes des veines de quartz. Trace pyrite amas près des veines de quartz et 1-2% Po/Py disséminé finement dans la matrice.
			4	5	1	683533	38	2.3	98	4640	11	Encaissant semblable au précédent. Cristaux de plagioclases étirés selon le sens de la linéation. 1% grenats localement. Possiblement sphalérite finement disséminé. 1% Py diss. Semble avoir trous de dissolution localement sous forme de veinules contenant relique de sulfures.
TR02-R7	390505	5921751	0	1	1	683534	20	1.7	172	5450	10	Patine altérée brun rouille et fraîche grise verdâtre. Localement l'unité possède une granulométrie fine a moyenne ou les plagioclases dominent. Majoritairement la roche est intensément altéré en chlorite et l'unité devient aphanitique. Localement veine de carbonates aux épontes hématisé et amas de pyrite.Veines de quartz a contact diffus composant moins de 1% de l'unité. La minéralisation apparait sous forme de stringer discontinu 2-3% Po/Py, trace Cp stringer et trace a 1% sphalérite stringer. Localement bande massive millimétrique de pyrite avec apparence de dissolution.
			1	2	1	683535	61	2.0	76	6680	9	Veines de quartz composant environ 20% de l'échantillon. Localement veine centimétrique de dissolution. Encaissant a patine fraîche verdâtre et granulométrie fine. Cristaux d'amphiboles xénomorphes observables dans la matrice. La déformation est plus importante au contact des veines de quartz. L'altération en chlorite est modérée a forte. La minéralisation se présente sous la forme de stringer suivant la linéation. 2-3% Py/Po strg, trace Sphalérite diss, trace Cp strg.
TR03-R1	390526	5921755	0	0.4	0.4	683539	57	0.8	187	2530	45	Wacke à biotite relativement faible chlorite dans la matrice. Grenat porphyroblastique. 1-2% pyrite/pyrrhotite disséminé à veinules. Près de l'échantillon suivant, veinules de pyrite et traces de sphalérite, enrichi en chlorite.
			0.4	1.4	1	683540	1390	39.6	915	0	531	Échantillon assez spectaculaire et varié. On reconnait souvent le protolithe (S3 biotite-chlorite, grenat, Po-Py, mais contient de nombreuses altérations et veinules minéralisées irrégulières. Veinules pluri-cm de Py-Sphalérite massive (50/50), bordures chloriteuses. Pyrite sub-idiomorphe dans une matrice de sphalérite. Silicification irrégulière mais localement forte. Traces de chalcopyrite, localement 5-10%. 1% pyrrhotite traces chalcopyrite dans la matrice silicifiée. Traces de graphite. Contient également quelques dm d'un niveau plus schisteux à séricite faible-moyenne, silicification et 2% pyrite disséminée.

Appendix 5. Assay values for selected elements analyzed for channel samples collected on the Lamarche prospect during the 2020 field campaigns, Sakami property.

Channel no.	Easting*	Northing	From (m)	To (m)	Length (m)	Sample no.	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Description
TR03-R2	390528	5921754	0	0.9	0.9	683542	86	0.9	129	3900	41	Wacke biotite-chlorite 1% grenat 1% pyrrhotite localement veinules (2%) millimétriques de pyrite traces de sphalérite et chlorite.
			0.9	1.4	0.5	683543	385	6.9	790	0	216	Wacke, 3% Py-Po (2:1) à amas et veinules de biotite. Quelques veinules sub-centimétriques de pyrite traces sphalérite lié à de petites veines de quartz et silicification. Traces de séricite.
			1.4	2.4	1	683545	326	1.4	448	8340	34	Échantillon plus schisteux à séricite-chlorite et bandes de biotite, 2% Grenat. 2% pyrrhotite dans la matrice, pyrite en proto-veinules (sphalérite en traces). Contient des bandes à pseudomorphes de grenat complètement biotisé.
			2.4	3.4	1	683546	286	2.8	250	2240	51	Composite. Voir précédent et schiste à séricite météorisé. Carbonates.
TR04-R1	390513	5921740	0	1	1	683547	5	1.0	62	396	4	Wacke biotite-chlorite, traces grenat, 0.5% Po-Py disséminés. 5-10% de veines de quartz carbonates irrégulières et démembrées. Ces veines sont liées à plus de 1% pyrite et de la chloritisation. Traces de séricite.
			1	2	1	683548	21	1.6	147	2500	2	Voir précédent, plus quelques veinules mm Py-Po traces sphalérite.
			2	3	1	683549	88	1.0	54	144	4	Échantillon composite. (1/3) voir précédent; (1/3) S3 sans veines, 1% grenat, 1% pseudomorphes de biotite; (1/3) Apparition d'amphiboles chloritisées (transition vers V2)

Appendix 5. Assay values for selected elements analyzed for channel samples collected on the Lamarche prospect during the 2020 field campaigns, Sakami property.

Channel no.	Easting*	Northing	From (m)	To (m)	Length (m)	Sample no.	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Description
TR04-R2	390514	5921741	0	1	1	683550	7	1.2	72	1360	3	S3 chloritisé, traces de grenat et pyrrhotite. Abondances de veines de quartz-carbonates-chlorite, enrichissement en grenat et pyrite. Zone rouillée à veinules de pyrite-sphalérite, traces de séricite.
TR05-R1	390516	5921777	0	1	1	683551	9	1.3	64	2090	27	S3 traces Po, chlorite faible, traces grenat. Centré sur bande décimétrique rouillée à veinules de pyrite et possiblement sphalérite (oxydée).
			1	2	1	683552	28	2.5	103	3340	51	Niveau de 20-30 cm rouillé. Plus forte chloritisation, veines Pyrite-quartz-sphalérite.
TR07-R1	390442	5921934	0	1	1	1007010	97	0.7	99	168	8	Roche grise en altéré et gris bleuté en cassure fraîche. Roche d'aspect homogène, foliée à grains fins et non-magnétique. Fortement silicifiée et faible altération en veinules de chlorite et biotite. 3 à 5% de veines quartz-carbonates parallèles à la foliation. Présence de bandes à amphiboles. Traces pyrite et chalcopyrite, quelques petits grains disséminés observés dans la matrice et amas centimétriques dans le quartz. La minéralisation commence dans les 30 derniers cm de la rainure.
TR07-R2	390442	5921935	0	1	1	1007011	149	1.3	507	124	13	Litho idem. La roche montre une plus forte altération en veinules de quartz-carbonates et en veinules de chlorite. Minéralisation en chalcopyrite associée aux veines et veinules de quartz. Pyrite en traces. Minéralisation associée également à des petites veinules de biotite-chlorite (mm) suivant les plans de schistosité.

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09748**
Report Date: **15-Oct-20**
Date Submitted: **20-Aug-20**
Your Reference: **Sakami**

Laurentia Exploration
3434 rue des generateurs
Sanguenay Quebec G7X0M1
Canada

ATTN: Hugues Guerin Tremblay

CERTIFICATE OF ANALYSIS

192 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-50-Timmins	QOP AA-Au (Au - Fire Assay AA)	2020-09-03 10:55:31
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-09-16 15:44:33

REPORT **A20-09748**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
B554646	5	< 0.2	< 0.5	14	354	1	21	< 2	25	1.30	4	< 10	14	< 0.5	< 2	1.53	10	36	1.96	< 10	< 1	0.06	< 10
B554647	7	< 0.2	< 0.5	28	399	2	29	3	46	1.86	< 2	< 10	20	< 0.5	< 2	2.12	13	40	2.55	< 10	< 1	0.08	< 10
B554648	222	4.9	< 0.5	3310	146	4	4	6	21	0.39	< 2	< 10	59	< 0.5	< 2	0.15	13	16	2.39	< 10	< 1	0.20	< 10
B554649	< 5	< 0.2	< 0.5	32	559	< 1	21	2	84	2.25	< 2	< 10	176	< 0.5	< 2	1.23	19	19	3.93	10	< 1	0.62	12
B554650	< 5	< 0.2	< 0.5	15	308	< 1	21	4	39	1.20	< 2	98	14	< 0.5	< 2	1.19	10	43	2.11	< 10	< 1	0.06	12
B554651	16	< 0.2	< 0.5	192	783	< 1	40	< 2	55	2.16	13	< 10	84	< 0.5	< 2	1.31	29	40	4.34	< 10	< 1	0.22	< 10
B554652	< 5	< 0.2	< 0.5	46	613	1	65	12	70	1.91	< 2	< 10	179	0.6	< 2	0.57	20	184	3.99	10	< 1	0.51	21
B554653	< 5	< 0.2	< 0.5	46	351	1	55	2	40	1.63	< 2	< 10	102	< 0.5	< 2	0.67	18	150	3.22	< 10	< 1	0.73	18
B554654	< 5	< 0.2	< 0.5	5	207	< 1	10	< 2	20	1.76	< 2	< 10	27	0.5	< 2	0.47	11	25	2.96	10	< 1	0.09	23
B554655	< 5	< 0.2	< 0.5	3	295	1	16	< 2	21	0.95	< 2	< 10	12	< 0.5	< 2	1.43	8	37	1.64	< 10	< 1	0.04	< 10
B554656	< 5	< 0.2	< 0.5	14	397	< 1	9	8	68	1.67	< 2	< 10	106	< 0.5	< 2	0.63	10	27	3.10	10	< 1	0.97	25
B554657	< 5	< 0.2	< 0.5	9	453	2	46	< 2	48	2.19	< 2	< 10	139	< 0.5	< 2	0.74	17	62	3.47	10	< 1	0.62	16
B554659	< 5	1.2	< 0.5	117	495	8	97	3	91	3.35	< 2	< 10	48	< 0.5	< 2	0.58	24	279	7.86	10	< 1	1.93	13
B554661	57	1.5	< 0.5	225	392	9	34	9	33	1.77	< 2	< 10	< 10	< 0.5	< 2	1.03	25	102	8.71	< 10	< 1	0.25	< 10
B554662	6	0.5	< 0.5	59	377	9	16	4	27	1.31	< 2	< 10	48	0.5	< 2	1.16	10	64	4.98	< 10	< 1	0.48	< 10
B554663	151	< 0.2	< 0.5	4	455	< 1	2	< 2	5	0.30	< 2	< 10	17	0.9	< 2	2.09	5	12	6.49	< 10	< 1	0.02	< 10
B554664	322	0.7	< 0.5	145	608	2	39	6	61	2.61	< 2	< 10	18	< 0.5	< 2	0.94	15	86	8.49	10	< 1	1.69	11
B554665	< 5	0.2	< 0.5	44	500	1	69	5	50	2.05	< 2	< 10	63	< 0.5	< 2	0.40	19	210	3.95	10	< 1	0.14	15
B554666	79	< 0.2	< 0.5	5	539	< 1	80	5	65	2.72	8	< 10	295	< 0.5	< 2	0.63	18	208	5.47	10	< 1	0.97	16
B554667	6	< 0.2	< 0.5	38	551	< 1	83	3	62	3.05	< 2	< 10	93	< 0.5	< 2	0.66	17	279	7.04	10	< 1	1.17	16
B554668	14	< 0.2	< 0.5	150	633	< 1	40	< 2	47	1.84	< 2	< 10	45	< 0.5	< 2	1.52	17	58	3.37	< 10	< 1	0.14	14
B554669	6	< 0.2	< 0.5	33	609	1	84	2	60	2.10	4	< 10	301	< 0.5	< 2	1.34	22	234	4.26	10	< 1	0.82	20
B554670	12	< 0.2	< 0.5	38	446	2	94	< 2	63	2.30	< 2	< 10	479	< 0.5	< 2	0.28	24	211	4.22	10	< 1	1.31	11
B554671	< 5	0.3	0.6	40	416	2	71	34	112	2.65	28	< 10	112	< 0.5	< 2	0.29	20	160	4.16	10	< 1	0.81	18
B554672	< 5	< 0.2	< 0.5	44	842	1	84	2	71	2.97	3	< 10	504	< 0.5	< 2	1.28	25	256	5.31	10	< 1	2.03	19
B554677	< 5	< 0.2	< 0.5	89	249	3	38	5	36	1.49	15	< 10	164	< 0.5	< 2	0.43	13	156	3.50	< 10	< 1	0.89	< 10
B554678	< 5	< 0.2	< 0.5	7	435	< 1	36	< 2	34	2.14	3	< 10	16	< 0.5	< 2	2.28	15	51	2.87	10	< 1	0.05	12
B554679	< 5	< 0.2	< 0.5	8	334	< 1	24	< 2	29	1.36	< 2	< 10	13	< 0.5	< 2	1.50	11	48	2.24	< 10	< 1	0.06	13
B554680	12	< 0.2	< 0.5	76	532	< 1	39	< 2	67	2.28	< 2	< 10	260	< 0.5	< 2	1.30	20	50	3.82	< 10	< 1	1.11	16
B554681	< 5	< 0.2	< 0.5	< 1	1590	< 1	2	3	73	2.14	< 2	< 10	146	< 0.5	< 2	1.13	8	4	5.33	10	< 1	0.58	38
B554682	< 5	< 0.2	< 0.5	140	587	< 1	90	< 2	56	2.59	< 2	< 10	194	< 0.5	< 2	1.25	34	197	5.11	< 10	< 1	0.60	< 10
B554683	8350	1.2	< 0.5	134	709	2	103	17	68	3.44	29	37	50	< 0.5	< 2	2.99	31	248	5.48	10	< 1	0.15	< 10
B554684	5	< 0.2	< 0.5	53	790	< 1	59	< 2	34	4.53	4	< 10	< 10	< 0.5	< 2	5.59	23	105	3.77	10	< 1	0.02	< 10
B554685	< 5	< 0.2	< 0.5	251	470	< 1	42	2	52	2.66	< 2	< 10	22	< 0.5	< 2	1.58	24	40	4.12	< 10	< 1	0.07	13
B554686	< 5	0.3	0.7	61	564	< 1	73	294	177	4.05	13	< 10	13	0.8	< 2	5.30	41	66	3.24	10	< 1	0.04	< 10
B554687	< 5	< 0.2	< 0.5	52	456	< 1	57	3	49	2.27	< 2	14	22	< 0.5	< 2	1.36	18	84	2.99	< 10	< 1	0.10	11
B554688	< 5	< 0.2	< 0.5	1	35	< 1	< 1	< 2	4	< 0.01	3	< 10	< 10	< 0.5	< 2	0.01	< 1	3	0.31	< 10	< 1	< 0.01	< 10
B554689	< 5	< 0.2	< 0.5	95	863	< 1	100	< 2	85	3.65	< 2	< 10	< 10	< 0.5	< 2	3.40	41	164	6.85	10	< 1	0.03	< 10
B554690	< 5	< 0.2	< 0.5	41	1310	< 1	41	< 2	126	3.90	< 2	< 10	127	< 0.5	< 2	3.30	43	57	9.06	20	< 1	0.53	< 10
B554691	< 5	< 0.2	< 0.5	47	697	2	18	< 2	83	2.04	< 2	< 10	147	< 0.5	< 2	2.37	38	8	9.28	10	< 1	0.75	< 10
B554692	< 5	< 0.2	< 0.5	23	540	< 1	20	< 2	46	1.59	< 2	< 10	13	< 0.5	< 2	1.64	20	40	5.43	< 10	< 1	0.07	< 10
B554693	< 5	< 0.2	< 0.5	90	747	28	51	< 2	117	2.62	3	< 10	84	< 0.5	< 2	0.95	47	61	8.58	10	< 1	0.81	< 10
B554694	5	0.2	2.0	141	301	3	43	2	305	1.94	< 2	< 10	66	< 0.5	< 2	0.55	33	56	4.16	< 10	< 1	0.77	17
B554695	< 5	< 0.2	< 0.5	25	356	< 1	30	< 2	97	1.38	< 2	< 10	845	< 0.5	< 2	0.33	14	76	3.08	10	< 1	0.83	21
B554696	11	0.3	< 0.5	5	320	< 1	< 1	9	29	0.32	< 2	< 10	61	< 0.5	< 2	0.84	2	6	1.12	< 10	< 1	0.16	22
B554697	5	0.2	< 0.5	44	436	< 1	40	2	72	1.54	< 2	< 10	166	< 0.5	< 2	0.94	20	101	3.65	10	< 1	0.59	19
B554698	< 5	< 0.2	< 0.5	75	1020	< 1	34	< 2	134	2.81	< 2	< 10	119	< 0.5	< 2	2.98	49	55	10.0	20	< 1	0.20	< 10
B554699	< 5	< 0.2	< 0.5	59	978	< 1	43	12	100	4.73	2	< 10	50	0.6	< 2	3.13	33	79	6.00	10	< 1	0.24	13
B554700	18	< 0.2	< 0.5	< 1	32	< 1	2	< 2	< 2	0.03	< 2	< 10	11	< 0.5	< 2	0.06	5	9	6.69	< 10	< 1	< 0.01	< 10
B554801	< 5	< 0.2	< 0.5	30	511	< 1	62	3	59	2.20	< 2	< 10	436	< 0.5	< 2	0.40	20	166	3.83	< 10	< 1	1.43	22
B554802	< 5	< 0.2	< 0.5	18	612	< 1	55	2	47	1.86	< 2	< 10	48	< 0.5	< 2	0.56	19	146	3.71	10	< 1	0.17	17

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
B554803	< 5	< 0.2	< 0.5	38	535	6	5	4	86	2.38	< 2	44	108	< 0.5	< 2	1.60	20	6	4.35	10	< 1	0.43	18
B554804	< 5	< 0.2	< 0.5	72	390	3	< 1	7	22	0.67	3	15	29	< 0.5	< 2	1.45	10	16	2.60	< 10	< 1	0.11	25
B554805	< 5	< 0.2	< 0.5	38	368	< 1	45	< 2	35	0.84	< 2	< 10	31	< 0.5	< 2	0.54	20	71	3.68	< 10	< 1	0.09	< 10
B554806	8	0.2	< 0.5	33	726	29	51	< 2	97	2.72	< 2	< 10	11	< 0.5	< 2	0.69	23	122	6.82	10	< 1	0.04	12
B554807	32	1.2	< 0.5	1040	791	< 1	38	5	274	3.87	< 2	< 10	30	< 0.5	< 2	0.16	54	35	10.4	10	< 1	0.15	< 10
B554808	< 5	< 0.2	< 0.5	25	574	< 1	48	3	71	3.43	3	32	19	< 0.5	< 2	1.24	26	59	6.36	10	< 1	0.14	< 10
B554809	124	0.5	< 0.5	201	953	< 1	51	12	236	4.48	7	< 10	48	< 0.5	< 2	0.32	33	51	9.04	10	< 1	0.23	< 10
B554810	36	0.5	< 0.5	192	1580	< 1	49	16	433	6.30	2	< 10	192	< 0.5	4	0.79	51	45	12.1	20	< 1	1.14	13
B554811	< 5	< 0.2	< 0.5	4	476	< 1	3	< 2	15	0.20	2	< 10	< 10	< 0.5	< 2	0.08	1	26	0.59	< 10	< 1	< 0.01	< 10
B554812	270	0.5	< 0.5	291	548	< 1	28	14	325	3.62	< 2	< 10	57	< 0.5	4	0.82	28	43	7.75	10	< 1	0.27	11
B554814	21	0.4	< 0.5	413	328	1	6	8	70	3.48	17	< 10	80	< 0.5	< 2	1.16	26	8	3.85	10	< 1	0.73	23
B554815	15	0.4	0.6	58	585	< 1	57	15	384	4.38	< 2	< 10	65	< 0.5	< 2	1.50	26	77	6.88	10	< 1	1.32	13
B554816	6	0.6	< 0.5	372	136	< 1	12	3	38	0.77	2	< 10	31	< 0.5	< 2	0.52	19	29	1.87	< 10	< 1	0.07	< 10
B554817	< 5	< 0.2	< 0.5	26	386	1	5	4	66	1.54	< 2	< 10	117	< 0.5	< 2	0.50	8	12	3.43	< 10	< 1	0.65	17
B554818	< 5	< 0.2	< 0.5	< 1	16	< 1	< 1	< 2	5	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	2	0.15	< 10	< 1	< 0.01	< 10
B554819	< 5	< 0.2	< 0.5	3	86	< 1	4	4	3	0.10	3	< 10	11	< 0.5	3	0.59	9	8	12.9	< 10	< 1	< 0.01	< 10
B554820	5	< 0.2	< 0.5	54	2590	< 1	15	< 2	66	3.99	2	< 10	16	< 0.5	< 2	2.57	18	58	10.8	10	< 1	0.10	< 10
B554821	5	< 0.2	< 0.5	4	79	< 1	2	14	6	0.18	< 2	< 10	42	< 0.5	< 2	0.23	5	8	7.46	< 10	< 1	0.02	< 10
B554822	< 5	< 0.2	< 0.5	14	326	5	46	6	59	1.25	< 2	< 10	59	< 0.5	< 2	0.40	13	107	2.80	10	< 1	0.09	< 10
B554823	< 5	< 0.2	< 0.5	93	663	< 1	58	< 2	37	2.85	< 2	< 10	13	< 0.5	< 2	2.89	24	166	3.43	< 10	< 1	0.06	< 10
B554824	< 5	< 0.2	< 0.5	96	67	< 1	13	16	44	0.04	4	24	< 10	< 0.5	< 2	0.03	45	15	1.44	< 10	< 1	< 0.01	< 10
B554825	< 5	< 0.2	< 0.5	125	918	< 1	141	< 2	76	3.74	< 2	< 10	173	< 0.5	< 2	1.93	47	273	6.99	10	< 1	1.60	< 10
B554826	< 5	< 0.2	< 0.5	33	476	5	88	34	118	2.64	< 2	< 10	167	< 0.5	< 2	0.22	21	184	4.26	10	< 1	0.56	14
B554827	< 5	< 0.2	< 0.5	30	339	< 1	22	2	33	1.50	< 2	< 10	32	< 0.5	< 2	1.26	12	26	2.17	< 10	< 1	0.12	10
B554791	< 5	0.7	< 0.5	971	381	< 1	53	14	36	2.16	2	< 10	14	< 0.5	< 2	1.47	118	7	8.94	10	< 1	0.03	< 10
B554792	< 5	0.3	< 0.5	91	417	< 1	83	8	68	1.98	< 2	< 10	19	0.5	< 2	0.77	23	148	6.26	< 10	< 1	1.23	18
B554793	< 5	0.3	< 0.5	42	313	1	62	7	59	1.70	< 2	< 10	275	< 0.5	< 2	0.34	18	187	3.80	10	< 1	0.84	< 10
B554794	< 5	< 0.2	< 0.5	47	608	2	120	< 2	81	3.77	< 2	< 10	380	< 0.5	< 2	0.27	27	267	5.57	20	< 1	1.80	< 10
B554795	< 5	< 0.2	< 0.5	58	365	< 1	84	5	47	1.75	< 2	< 10	194	< 0.5	< 2	0.61	20	234	3.61	< 10	< 1	1.16	17
B554796	< 5	0.2	< 0.5	324	409	< 1	74	2	51	2.47	< 2	< 10	25	< 0.5	< 2	1.53	37	78	5.29	< 10	< 1	0.82	< 10
B554797	< 5	< 0.2	< 0.5	30	280	86	18	< 2	29	1.08	< 2	< 10	66	< 0.5	< 2	0.52	10	28	1.88	< 10	< 1	0.24	< 10
B554798	< 5	0.6	< 0.5	47	226	3	19	< 2	18	0.86	< 2	< 10	13	< 0.5	< 2	0.55	8	51	1.67	< 10	< 1	0.03	< 10
B554799	< 5	< 0.2	< 0.5	184	1110	< 1	68	< 2	41	2.85	< 2	< 10	13	< 0.5	< 2	3.49	166	123	11.7	< 10	< 1	0.04	< 10
B554800	< 5	< 0.2	< 0.5	74	386	< 1	39	< 2	38	1.60	< 2	< 10	19	< 0.5	< 2	1.51	25	163	4.15	< 10	< 1	0.05	14
B554701	< 5	< 0.2	< 0.5	62	370	< 1	17	< 2	28	2.25	< 2	< 10	22	< 0.5	< 2	0.56	18	28	4.40	10	< 1	0.06	21
B554702	< 5	< 0.2	< 0.5	2	40	< 1	< 1	3	3	0.22	< 2	< 10	20	< 0.5	< 2	0.02	< 1	5	0.38	< 10	< 1	0.07	< 10
B554703	< 5	< 0.2	< 0.5	25	578	< 1	40	2	72	2.52	< 2	< 10	18	0.6	< 2	0.88	21	58	4.72	20	< 1	0.13	12
B554704	11	0.3	< 0.5	160	450	2	65	6	72	2.54	< 2	< 10	30	< 0.5	< 2	0.58	52	146	9.49	20	< 1	0.28	< 10
B554705	18	0.3	< 0.5	105	603	3	32	6	52	1.60	4	< 10	18	< 0.5	< 2	1.31	163	34	11.3	< 10	< 1	0.09	< 10
B554706	10	< 0.2	< 0.5	89	691	3	28	5	59	2.08	6	< 10	25	< 0.5	< 2	1.98	32	37	6.61	< 10	< 1	0.12	< 10
B554707	< 5	< 0.2	< 0.5	9	102	1	1	< 2	6	0.30	< 2	< 10	45	< 0.5	< 2	0.03	2	16	0.78	< 10	< 1	0.09	< 10
B554708	27	< 0.2	< 0.5	13	62	< 1	< 1	15	4	0.21	5	< 10	44	< 0.5	< 2	0.04	< 1	11	0.98	< 10	< 1	0.10	< 10
B554709	< 5	0.2	< 0.5	42	251	10	13	2	40	1.06	16	< 10	98	< 0.5	< 2	0.04	9	39	2.25	< 10	< 1	0.49	< 10
B554711	< 5	< 0.2	< 0.5	13	270	< 1	15	4	35	1.84	6	< 10	27	< 0.5	< 2	0.79	15	19	2.63	< 10	< 1	0.18	16
B554712	14	0.5	< 0.5	29	84	4	5	30	37	0.71	3	< 10	33	< 0.5	< 2	0.05	7	7	1.62	< 10	< 1	0.31	13
B554713	12	0.4	< 0.5	120	381	3	26	7	30	1.89	14	< 10	19	< 0.5	< 2	0.72	25	13	3.70	< 10	< 1	0.35	16
B554715	312	10.8	2.0	7210	765	46	77	12	236	3.99	< 2	< 10	54	< 0.5	50	2.12	39	258	5.88	< 10	< 1	0.70	< 10
B554716	574	31.8	19.5	> 10000	1910	< 1	72	10	1800	1.95	2	< 10	15	< 0.5	< 2	1.56	61	66	11.1	< 10	< 1	0.03	< 10
B554717	29	4.9	1.4	837	1050	2	107	296	723	5.92	4	< 10	52	< 0.5	5	0.34	27	254	11.8	20	2	0.49	< 10
B554718	5	< 0.2	< 0.5	26	719	< 1	87	2	76	4.34	2	< 10	459	< 0.5	< 2	1.30	35	296	5.80	10	< 1	2.05	< 10
B554719	121	0.3	< 0.5	55	230	< 1	18	6	12	0.77	< 2	< 10	23	1.5	< 2	1.15	13	8	11.1	< 10	< 1	0.06	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
B554720	37	< 0.2	< 0.5	13	107	< 1	3	3	4	0.24	< 2	< 10	< 10	0.9	< 2	0.22	4	8	5.94	< 10	< 1	0.02	< 10
B554721	52	< 0.2	< 0.5	33	271	< 1	8	3	5	0.41	9	< 10	12	2.0	< 2	0.72	8	9	8.98	< 10	< 1	0.03	< 10
B554722	6	0.4	< 0.5	53	1170	3	35	6	82	3.28	< 2	< 10	19	0.6	< 2	0.80	14	116	8.67	10	< 1	0.94	< 10
B554723	16	0.5	< 0.5	75	1400	4	32	3	54	2.35	< 2	< 10	19	< 0.5	< 2	0.76	17	79	10.4	< 10	< 1	0.42	< 10
B554724	< 5	< 0.2	< 0.5	10	796	1	60	4	73	2.70	18	< 10	448	< 0.5	< 2	0.38	12	186	6.17	< 10	< 1	1.18	< 10
B554725	< 5	< 0.2	< 0.5	1	67	< 1	< 1	< 2	< 2	0.02	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	5	0.62	< 10	< 1	< 0.01	< 10
B554726	23	0.5	< 0.5	38	4400	< 1	22	3	9	0.76	< 2	< 10	24	< 0.5	< 2	0.84	22	9	16.8	< 10	< 1	0.03	< 10
B554727	< 5	< 0.2	< 0.5	14	2260	< 1	24	< 2	27	1.57	< 2	< 10	16	< 0.5	< 2	1.47	15	35	9.71	< 10	< 1	0.35	11
B554728	< 5	< 0.2	< 0.5	8	110	2	2	< 2	6	0.10	< 2	< 10	14	< 0.5	< 2	0.04	1	25	0.86	< 10	< 1	0.03	< 10
B554729	< 5	< 0.2	< 0.5	10	629	< 1	7	5	57	1.57	< 2	< 10	122	< 0.5	< 2	0.94	12	14	3.86	< 10	< 1	0.66	12
B554730	< 5	0.7	< 0.5	34	478	3	33	13	73	1.81	4	< 10	109	< 0.5	< 2	1.29	21	50	4.40	< 10	< 1	0.22	21
B554731	< 5	0.2	< 0.5	17	469	< 1	28	2	57	1.16	< 2	< 10	274	< 0.5	< 2	1.78	11	62	2.51	< 10	< 1	0.62	< 10
B554744	846	53.3	131	4880	548	9	26	4020	> 10000	0.90	1720	< 10	< 10	< 0.5	16	1.48	34	38	16.7	< 10	10	0.06	< 10
B554745	9	0.3	< 0.5	31	617	2	31	6	92	1.11	11	< 10	< 10	< 0.5	< 2	0.31	17	29	8.10	< 10	< 1	0.56	12
B554746	< 5	< 0.2	< 0.5	24	523	< 1	7	< 2	95	1.82	< 2	< 10	142	< 0.5	< 2	0.19	8	17	2.85	< 10	< 1	1.18	14
B554747	< 5	< 0.2	< 0.5	5	271	2	6	2	83	1.80	2	< 10	424	< 0.5	< 2	0.49	10	26	3.26	< 10	< 1	0.99	33
B554748	< 5	0.3	1.3	67	405	1	35	3	439	2.16	< 2	< 10	27	< 0.5	< 2	1.24	21	23	4.32	< 10	< 1	0.57	18
B554749	< 5	0.3	< 0.5	179	741	< 1	14	3	78	1.78	2	< 10	31	< 0.5	< 2	0.39	19	11	3.95	< 10	< 1	1.21	< 10
B554750	29	1.6	112	192	622	2	8	43	> 10000	1.80	13	< 10	26	< 0.5	< 2	0.62	17	13	4.51	20	< 1	0.82	15
B554951	9	0.7	0.6	76	207	2	25	3	141	0.98	4	< 10	85	< 0.5	< 2	0.18	20	15	2.58	< 10	< 1	0.60	21
B554952	15	1.6	67.4	121	987	1	17	265	> 10000	3.65	3	< 10	25	< 0.5	< 2	1.17	22	21	4.92	10	< 1	1.41	13
B554953	9	1.2	86.3	231	612	2	5	42	> 10000	1.97	< 2	< 10	27	< 0.5	< 2	0.39	18	16	4.18	10	< 1	0.89	31
B554954	< 5	< 0.2	< 0.5	50	761	2	29	< 2	164	3.50	< 2	< 10	79	< 0.5	< 2	0.43	22	61	5.19	10	< 1	2.39	17
B554955	24	1.0	1.0	116	231	42	73	20	223	2.24	< 2	< 10	10	< 0.5	< 2	0.16	38	186	10.6	10	< 1	1.17	11
B554956	< 5	< 0.2	< 0.5	< 1	38	< 1	< 1	< 2	5	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	3	0.35	< 10	< 1	< 0.01	< 10
B554957	< 5	< 0.2	< 0.5	10	194	1	< 1	< 2	31	0.65	< 2	< 10	24	< 0.5	< 2	0.22	4	6	1.94	< 10	< 1	0.10	22
B554958	13	0.9	0.9	66	458	3	20	10	82	1.04	6	< 10	13	< 0.5	< 2	0.07	21	28	6.99	< 10	< 1	0.02	< 10
B554959	< 5	0.3	< 0.5	21	554	1	23	13	152	2.41	< 2	< 10	55	0.9	< 2	0.55	14	30	4.87	< 10	< 1	0.64	13
B554960	< 5	0.4	< 0.5	83	918	< 1	30	14	95	0.84	6	< 10	18	< 0.5	3	0.15	55	16	13.8	< 10	< 1	0.09	< 10
B554961	< 5	< 0.2	< 0.5	15	502	< 1	36	10	67	2.37	< 2	< 10	61	< 0.5	< 2	1.56	17	74	4.06	10	< 1	0.14	25
B554962	8	0.5	< 0.5	77	458	< 1	26	9	171	3.45	6	< 10	28	< 0.5	< 2	1.15	21	68	6.77	< 10	< 1	1.38	14
B554963	< 5	< 0.2	< 0.5	20	489	< 1	11	6	158	2.28	< 2	< 10	54	< 0.5	< 2	0.81	8	32	3.57	< 10	< 1	0.84	15
B554964	< 5	0.3	< 0.5	91	947	< 1	13	5	300	3.57	3	< 10	138	< 0.5	< 2	0.35	16	38	9.30	10	< 1	1.99	16
B554965	6	0.3	0.8	116	428	< 1	35	8	277	3.09	< 2	< 10	37	< 0.5	< 2	0.87	23	44	6.66	10	< 1	0.35	13
B554966	5	0.5	0.6	129	1350	< 1	11	3	111	2.35	< 2	< 10	68	< 0.5	< 2	2.34	16	22	9.05	< 10	< 1	0.17	< 10
B554967	< 5	0.2	< 0.5	40	1090	1	30	5	119	1.40	< 2	< 10	38	< 0.5	< 2	0.70	15	87	5.47	< 10	< 1	0.23	< 10
B554968	5	0.3	< 0.5	55	540	1	44	7	225	3.47	< 2	< 10	27	0.5	< 2	0.66	24	46	8.40	10	< 1	0.90	13
B554579	< 5	< 0.2	< 0.5	10	356	< 1	16	2	37	1.44	< 2	< 10	215	< 0.5	< 2	0.30	12	27	2.62	< 10	< 1	0.85	19
B554580	< 5	< 0.2	< 0.5	36	567	< 1	26	4	55	1.54	< 2	< 10	232	< 0.5	< 2	0.56	12	36	2.42	< 10	< 1	0.72	14
B554581	< 5	< 0.2	< 0.5	15	342	< 1	21	< 2	22	1.08	< 2	< 10	27	< 0.5	< 2	1.02	12	29	2.32	< 10	< 1	0.08	< 10
B554583	< 5	< 0.2	< 0.5	29	381	< 1	7	4	56	1.85	< 2	< 10	37	< 0.5	< 2	0.65	14	6	3.14	< 10	< 1	0.13	17
B554584	< 5	< 0.2	< 0.5	9	561	< 1	2	< 2	39	2.31	< 2	< 10	45	< 0.5	< 2	0.77	17	4	5.18	10	< 1	0.24	27
B554585	< 5	< 0.2	< 0.5	250	365	< 1	47	< 2	29	2.15	5	< 10	15	< 0.5	< 2	0.96	17	99	4.29	10	< 1	0.06	15
B554586	< 5	< 0.2	< 0.5	25	1420	< 1	11	< 2	54	2.78	17	< 10	73	< 0.5	< 2	1.06	22	11	8.00	10	< 1	0.42	< 10
B554587	< 5	< 0.2	< 0.5	31	1380	< 1	16	3	48	2.08	27	< 10	114	< 0.5	< 2	0.89	12	52	4.96	< 10	< 1	0.48	13
B554588	< 5	< 0.2	< 0.5	12	808	< 1	2	2	2	0.09	47	< 10	< 10	< 0.5	< 2	0.04	4	4	5.97	< 10	< 1	< 0.01	< 10
B554589	< 5	< 0.2	< 0.5	16	2270	< 1	5	3	6	0.67	22	< 10	11	< 0.5	< 2	0.12	7	15	8.14	< 10	< 1	< 0.01	< 10
B554590	< 5	0.4	< 0.5	61	2540	< 1	53	14	52	2.75	6	< 10	39	< 0.5	< 2	1.41	22	34	3.58	< 10	< 1	0.60	20
B554591	< 5	< 0.2	< 0.5	19	1190	< 1	48	6	64	4.24	2	< 10	41	< 0.5	< 2	3.10	21	82	3.52	10	< 1	0.16	13
B554592	7930	1.2	< 0.5	141	687	2	103	18	70	3.35	29	30	36	< 0.5	< 2	2.75	32	247	5.38	10	< 1	0.11	< 10
B554593	99	0.3	0.5	138	709	< 1	41	15	301	3.90	2	< 10	64	< 0.5	< 2	1.56	21	47	6.97	10	< 1	0.27	18

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
B554594	< 5	< 0.2	< 0.5	20	414	< 1	44	< 2	49	1.89	< 2	< 10	35	< 0.5	< 2	1.10	18	92	3.62	< 10	< 1	0.18	< 10
B554595	< 5	< 0.2	< 0.5	70	384	< 1	17	< 2	28	1.16	< 2	< 10	< 10	< 0.5	< 2	1.45	15	32	2.52	< 10	< 1	0.04	< 10
B554596	< 5	< 0.2	< 0.5	28	392	< 1	32	< 2	38	1.60	< 2	< 10	11	< 0.5	< 2	1.04	15	89	2.99	< 10	< 1	0.04	< 10
B554598	< 5	< 0.2	0.9	3	220	2	4	100	71	0.49	6	< 10	26	< 0.5	< 2	0.13	2	9	1.36	< 10	< 1	0.08	< 10
B554599	< 5	0.5	< 0.5	76	812	< 1	36	< 2	108	2.95	2	< 10	38	< 0.5	< 2	0.21	21	36	9.08	< 10	< 1	0.15	10
B554501	6	0.3	0.7	57	601	< 1	161	6	177	1.79	3	< 10	22	< 0.5	< 2	0.13	23	239	6.17	< 10	< 1	1.05	18
B554503	< 5	< 0.2	< 0.5	48	467	< 1	37	4	63	2.42	< 2	< 10	162	< 0.5	< 2	0.62	22	59	4.51	< 10	< 1	0.51	11
B554504	< 5	0.6	< 0.5	200	1060	10	27	25	66	3.68	7	< 10	30	< 0.5	3	2.23	25	33	9.16	10	< 1	0.13	< 10
B554505	< 5	< 0.2	< 0.5	115	546	< 1	3	8	60	1.65	< 2	15	75	< 0.5	< 2	1.38	17	7	4.08	< 10	< 1	0.18	17
B554506	8	0.3	< 0.5	61	299	2	26	4	37	1.95	< 2	< 10	33	< 0.5	< 2	1.17	34	28	5.67	< 10	< 1	0.31	14
B554507	< 5	< 0.2	< 0.5	38	280	2	9	2	22	1.08	15	< 10	152	< 0.5	< 2	0.74	11	21	2.21	< 10	< 1	0.28	< 10
B554508	< 5	0.3	< 0.5	203	490	1	6	11	66	2.20	7	< 10	56	< 0.5	< 2	0.96	22	8	5.17	10	< 1	0.20	27
B554509	< 5	0.2	< 0.5	54	927	< 1	57	3	52	2.61	3	< 10	21	< 0.5	< 2	1.58	25	69	5.67	< 10	< 1	0.13	12
B554510	< 5	< 0.2	< 0.5	19	517	< 1	25	< 2	73	2.79	2	< 10	49	< 0.5	< 2	1.18	15	22	3.63	< 10	< 1	0.15	< 10
B554511	< 5	< 0.2	< 0.5	82	686	< 1	43	4	73	3.33	< 2	11	53	< 0.5	< 2	1.72	28	45	5.46	< 10	< 1	0.16	23
B554512	< 5	< 0.2	< 0.5	27	404	< 1	30	3	25	1.24	4	< 10	31	< 0.5	< 2	1.14	40	47	6.33	< 10	< 1	0.09	< 10
B554513	9	< 0.2	< 0.5	92	477	2	45	< 2	45	1.81	< 2	< 10	49	< 0.5	< 2	1.19	26	73	5.87	< 10	< 1	0.33	11
B554514	5	0.3	< 0.5	71	421	2	27	< 2	41	1.80	< 2	< 10	30	< 0.5	< 2	0.85	17	30	9.66	< 10	< 1	0.12	< 10
B554515	< 5	< 0.2	< 0.5	27	206	1	14	< 2	11	1.13	< 2	< 10	17	< 0.5	< 2	0.09	9	33	2.46	< 10	< 1	0.03	< 10
B554516	< 5	< 0.2	< 0.5	143	95	1	5	< 2	12	0.19	< 2	< 10	11	< 0.5	< 2	0.19	4	11	1.24	< 10	< 1	0.02	< 10
B554517	528	54.6	131	4990	549	10	29	4060	> 10000	0.89	1770	< 10	< 10	< 0.5	14	1.59	36	41	17.6	< 10	11	0.06	< 10
B554518	< 5	< 0.2	< 0.5	7	439	< 1	10	< 2	54	1.22	8	< 10	74	< 0.5	< 2	0.65	10	16	2.40	< 10	< 1	0.46	12
B554519	< 5	< 0.2	< 0.5	54	612	< 1	27	< 2	72	2.03	< 2	< 10	177	< 0.5	< 2	1.16	17	28	3.37	< 10	< 1	0.74	16
B554520	< 5	< 0.2	< 0.5	6	44	< 1	< 1	4	3	0.20	< 2	< 10	29	< 0.5	< 2	0.07	< 1	7	0.42	< 10	< 1	0.05	< 10
B554521	6	< 0.2	< 0.5	4	589	< 1	3	7	73	1.22	< 2	< 10	105	< 0.5	< 2	0.89	9	10	2.91	< 10	< 1	0.23	25
B554522	< 5	< 0.2	< 0.5	32	567	< 1	18	4	71	1.64	< 2	< 10	34	< 0.5	< 2	1.45	15	22	3.15	< 10	< 1	0.08	27
B554523	< 5	< 0.2	< 0.5	< 1	42	< 1	< 1	< 2	< 2	0.05	< 2	< 10	26	< 0.5	< 2	0.03	< 1	13	0.36	< 10	< 1	0.02	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
B554646	0.73	0.113	0.056	< 0.01	< 2	6	54	0.20	< 20	3	< 2	< 10	55	< 10	6	3
B554647	0.93	0.081	0.060	< 0.01	< 2	5	107	0.28	< 20	3	< 2	< 10	48	< 10	7	4
B554648	0.20	0.030	0.014	1.00	< 2	2	9	0.07	< 20	< 1	< 2	< 10	16	< 10	3	3
B554649	1.38	0.105	0.090	0.02	2	7	54	0.23	< 20	< 1	< 2	< 10	78	< 10	11	7
B554650	0.77	0.100	0.081	< 0.01	< 2	5	44	0.21	< 20	2	< 2	< 10	41	< 10	11	4
B554651	1.38	0.119	0.039	0.01	2	13	9	0.23	< 20	6	< 2	< 10	141	< 10	11	5
B554652	1.50	0.066	0.047	0.17	< 2	11	12	0.22	< 20	6	< 2	< 10	80	< 10	10	21
B554653	1.43	0.075	0.063	0.33	3	6	33	0.23	< 20	3	< 2	< 10	68	< 10	8	17
B554654	1.79	0.061	0.155	0.02	< 2	4	20	0.16	< 20	10	< 2	< 10	52	< 10	5	11
B554655	0.60	0.111	0.055	< 0.01	< 2	5	20	0.27	< 20	7	< 2	< 10	41	< 10	10	10
B554656	0.89	0.082	0.137	0.03	< 2	4	90	0.27	< 20	6	< 2	< 10	54	< 10	6	17
B554657	1.90	0.110	0.074	0.01	< 2	8	20	0.25	< 20	7	< 2	< 10	86	< 10	8	14
B554659	2.31	0.055	0.119	0.70	5	7	43	0.34	< 20	11	< 2	< 10	89	< 10	7	20
B554661	1.44	0.064	0.109	3.91	5	3	15	0.14	< 20	3	< 2	< 10	54	< 10	4	16
B554662	1.00	0.094	0.082	1.07	< 2	2	17	0.08	< 20	2	< 2	< 10	39	< 10	3	9
B554663	0.10	0.042	0.033	0.19	3	< 1	130	< 0.01	< 20	< 1	< 2	< 10	6	< 10	4	7
B554664	1.82	0.043	0.093	2.07	5	4	25	0.14	< 20	4	< 2	< 10	50	27	9	19
B554665	1.80	0.052	0.060	0.04	< 2	9	13	0.28	< 20	3	< 2	< 10	80	< 10	8	22
B554666	1.59	0.098	0.079	0.21	2	8	15	0.25	< 20	3	< 2	< 10	78	< 10	6	14
B554667	1.78	0.096	0.082	0.60	3	9	12	0.25	< 20	3	< 2	< 10	73	< 10	6	16
B554668	1.32	0.162	0.074	0.02	< 2	9	18	0.17	< 20	1	< 2	< 10	64	< 10	10	6
B554669	1.75	0.088	0.073	0.15	3	10	28	0.27	< 20	6	< 2	< 10	100	< 10	9	20
B554670	1.79	0.094	0.072	0.10	< 2	13	13	0.28	< 20	3	< 2	< 10	114	< 10	7	24
B554671	2.06	0.068	0.068	0.12	2	10	11	0.24	< 20	< 1	< 2	< 10	85	< 10	12	25
B554672	2.17	0.106	0.067	0.19	< 2	15	32	0.31	< 20	10	< 2	< 10	106	< 10	10	24
B554677	1.37	0.077	0.080	0.35	< 2	3	20	0.19	< 20	2	< 2	< 10	60	< 10	4	17
B554678	1.11	0.073	0.039	< 0.01	< 2	7	53	0.15	< 20	1	< 2	< 10	65	< 10	9	17
B554679	0.82	0.134	0.057	< 0.01	< 2	7	77	0.25	< 20	2	< 2	< 10	62	< 10	9	15
B554680	1.58	0.114	0.071	< 0.01	< 2	11	19	0.22	< 20	6	< 2	< 10	85	< 10	13	13
B554681	0.82	0.116	0.107	< 0.01	3	8	23	0.23	< 20	8	< 2	< 10	17	< 10	20	18
B554682	1.61	0.069	0.016	0.22	2	15	9	0.29	< 20	< 1	< 2	< 10	167	< 10	5	3
B554683	2.47	0.095	0.034	0.43	3	9	43	0.40	< 20	4	< 2	< 10	151	< 10	11	19
B554684	1.42	0.090	0.016	0.21	< 2	8	17	0.22	< 20	3	< 2	< 10	94	< 10	4	4
B554685	1.44	0.127	0.082	0.45	< 2	8	23	0.18	< 20	< 1	< 2	< 10	86	< 10	10	4
B554686	0.80	0.036	0.007	0.56	2	3	25	0.10	< 20	< 1	< 2	< 10	71	< 10	6	3
B554687	1.69	0.106	0.046	< 0.01	< 2	7	36	0.17	< 20	3	< 2	< 10	58	< 10	7	8
B554688	< 0.01	0.010	0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	2
B554689	2.37	0.065	0.038	0.27	2	14	15	0.21	< 20	9	< 2	< 10	170	< 10	10	4
B554690	2.34	0.037	0.062	0.14	4	23	23	0.20	< 20	< 1	< 2	< 10	252	< 10	16	11
B554691	1.42	0.120	0.071	0.23	3	16	17	0.29	< 20	< 1	< 2	< 10	248	< 10	17	14
B554692	1.20	0.148	0.053	< 0.01	2	13	20	0.23	< 20	1	< 2	< 10	152	< 10	11	5
B554693	2.11	0.054	0.074	0.81	4	11	21	0.36	< 20	3	< 2	< 10	225	< 10	17	6
B554694	1.87	0.056	0.051	0.98	< 2	11	35	0.28	< 20	4	< 2	< 10	73	< 10	15	17
B554695	1.13	0.115	0.075	0.02	< 2	6	56	0.19	< 20	5	< 2	< 10	71	< 10	6	22
B554696	0.09	0.042	0.043	0.49	< 2	< 1	72	0.02	< 20	< 1	< 2	< 10	4	< 10	5	16
B554697	1.54	0.075	0.071	0.44	< 2	10	39	0.23	< 20	5	< 2	< 10	89	< 10	7	23
B554698	1.91	0.034	0.071	0.19	7	9	14	0.18	< 20	1	< 2	< 10	262	< 10	10	10
B554699	2.94	0.200	0.131	0.12	2	10	61	0.13	< 20	3	< 2	< 10	130	< 10	10	6
B554700	0.03	0.013	0.058	0.03	3	< 1	11	< 0.01	< 20	< 1	< 2	< 10	6	< 10	2	4
B554801	1.62	0.074	0.057	0.11	< 2	7	29	0.27	< 20	8	< 2	< 10	79	< 10	9	11
B554802	1.78	0.045	0.054	0.16	< 2	6	36	0.24	< 20	3	< 2	< 10	75	< 10	6	15

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
B554803	1.21	0.136	0.105	0.04	< 2	11	24	0.26	< 20	7	< 2	< 10	90	< 10	17	10
B554804	0.26	0.045	0.121	0.84	< 2	6	18	0.13	< 20	5	< 2	< 10	16	< 10	21	8
B554805	0.74	0.074	0.069	0.86	3	6	5	0.16	< 20	1	< 2	< 10	49	< 10	7	15
B554806	1.76	0.043	0.083	1.27	2	12	5	0.18	< 20	6	< 2	< 10	102	< 10	14	10
B554807	1.63	0.021	0.078	1.58	5	6	5	0.07	< 20	< 1	< 2	< 10	70	< 10	4	17
B554808	1.57	0.299	0.075	3.95	< 2	11	71	0.05	< 20	6	< 2	< 10	97	< 10	11	19
B554809	2.37	0.022	0.062	0.25	4	11	4	0.15	< 20	4	< 2	< 10	103	< 10	12	16
B554810	2.49	0.049	0.072	0.30	4	14	9	0.23	< 20	3	< 2	< 10	139	< 10	8	20
B554811	0.05	0.012	0.002	< 0.01	< 2	< 1	< 1	< 0.01	< 20	1	< 2	< 10	3	< 10	< 1	2
B554812	1.26	0.024	0.066	0.68	4	6	11	0.09	< 20	2	< 2	< 10	61	< 10	8	10
B554814	0.85	0.316	0.064	0.66	3	7	55	0.16	< 20	6	< 2	< 10	49	< 10	17	12
B554815	1.31	0.133	0.035	0.85	< 2	11	30	0.21	< 20	5	< 2	< 10	94	< 10	10	15
B554816	0.22	0.027	0.065	0.49	< 2	1	7	0.03	< 20	5	< 2	< 10	14	< 10	1	2
B554817	0.58	0.046	0.038	0.39	< 2	5	32	0.23	< 20	5	< 2	< 10	15	< 10	15	11
B554818	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	1
B554819	0.03	0.012	0.167	0.05	6	< 1	34	< 0.01	< 20	10	< 2	< 10	17	< 10	9	9
B554820	1.55	0.305	0.039	0.22	5	20	6	0.17	< 20	2	< 2	< 10	167	< 10	12	7
B554821	0.05	0.017	0.106	0.10	3	< 1	14	< 0.01	< 20	< 1	< 2	< 10	7	< 10	4	6
B554822	1.04	0.078	0.038	0.21	< 2	8	49	0.25	< 20	3	< 2	< 10	65	< 10	4	21
B554823	1.65	0.191	0.017	0.03	< 2	12	41	0.22	< 20	3	< 2	< 10	86	< 10	5	2
B554824	0.02	0.013	0.001	0.44	< 2	< 1	1	< 0.01	< 20	1	< 2	< 10	2	< 10	< 1	1
B554825	2.41	0.106	0.023	0.34	4	18	24	0.31	< 20	9	< 2	< 10	177	< 10	5	4
B554826	2.24	0.062	0.056	0.12	2	11	8	0.16	< 20	3	< 2	< 10	94	< 10	8	20
B554827	1.00	0.108	0.041	< 0.01	< 2	6	17	0.14	< 20	< 1	< 2	< 10	44	< 10	6	4
B554791	0.62	0.018	0.024	3.97	3	2	198	0.23	< 20	5	< 2	< 10	78	< 10	4	9
B554792	1.55	0.110	0.071	1.59	2	8	26	0.25	< 20	6	< 2	< 10	77	< 10	9	28
B554793	1.46	0.117	0.058	0.31	< 2	9	23	0.25	< 20	6	< 2	< 10	92	< 10	5	29
B554794	2.67	0.085	0.074	0.13	< 2	14	11	0.29	< 20	6	< 2	< 10	109	< 10	5	20
B554795	1.45	0.104	0.059	0.37	2	5	32	0.23	< 20	3	< 2	< 10	65	< 10	6	23
B554796	1.18	0.092	0.075	1.19	< 2	11	45	0.46	< 20	9	< 2	< 10	132	< 10	8	5
B554797	0.74	0.076	0.027	0.11	< 2	4	8	0.08	< 20	< 1	< 2	< 10	30	< 10	2	3
B554798	0.57	0.032	0.002	0.06	< 2	2	3	0.05	< 20	< 1	< 2	< 10	20	< 10	2	1
B554799	1.19	0.251	0.018	4.23	6	13	32	0.13	< 20	< 1	< 2	< 10	94	< 10	6	6
B554800	1.41	0.089	0.136	0.66	2	7	14	0.31	< 20	4	< 2	< 10	78	< 10	10	13
B554701	1.75	0.072	0.026	0.15	< 2	11	14	0.26	< 20	2	< 2	< 10	112	< 10	16	22
B554702	0.02	0.064	0.001	0.04	< 2	< 1	5	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	24
B554703	1.98	0.044	0.061	0.12	< 2	11	10	0.19	< 20	5	< 2	< 10	112	< 10	10	20
B554704	1.86	0.077	0.058	1.63	4	20	10	0.36	< 20	10	< 2	< 10	282	< 10	10	18
B554705	1.04	0.125	0.059	3.27	7	13	17	0.21	< 20	5	< 2	< 10	191	< 10	12	12
B554706	1.21	0.175	0.064	0.82	4	16	45	0.26	< 20	4	< 2	< 10	176	< 10	14	6
B554707	0.14	0.028	0.005	0.04	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	4	< 10	2	4
B554708	0.02	0.047	0.008	0.12	< 2	< 1	3	< 0.01	< 20	< 1	< 2	< 10	2	< 10	3	14
B554709	0.53	0.028	0.007	0.18	2	3	2	0.10	< 20	2	< 2	< 10	25	< 10	2	6
B554711	0.77	0.078	0.085	0.16	< 2	6	31	0.16	< 20	< 1	< 2	< 10	41	< 10	14	6
B554712	0.14	0.020	0.019	0.68	< 2	< 1	8	0.03	< 20	< 1	< 2	< 10	8	< 10	8	52
B554713	0.78	0.138	0.041	2.19	< 2	7	49	0.09	< 20	1	< 2	< 10	46	< 10	8	41
B554715	2.12	0.220	0.019	0.91	5	17	29	0.24	< 20	4	< 2	< 10	134	< 10	5	4
B554716	1.98	0.039	0.015	2.26	6	9	6	0.03	< 20	< 1	< 2	14	59	< 10	10	5
B554717	5.19	0.020	0.016	0.89	6	29	3	0.10	< 20	< 1	< 2	14	213	< 10	13	8
B554718	3.02	0.033	0.018	0.02	< 2	33	14	0.35	< 20	5	< 2	< 10	176	< 10	7	4
B554719	0.12	0.068	0.108	3.69	4	< 1	42	0.02	< 20	< 1	< 2	14	12	< 10	6	9

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
B554720	0.03	0.029	0.047	0.19	< 2	< 1	11	< 0.01	< 20	< 1	< 2	< 10	5	< 10	3	4
B554721	0.06	0.042	0.048	2.06	3	< 1	22	< 0.01	< 20	< 1	< 2	10	8	< 10	6	5
B554722	1.46	0.175	0.052	3.10	6	6	114	0.16	< 20	< 1	< 2	< 10	55	< 10	4	25
B554723	1.04	0.108	0.040	2.95	3	4	55	0.10	< 20	< 1	< 2	13	37	< 10	3	22
B554724	1.43	0.108	0.052	0.18	< 2	9	53	0.20	< 20	3	< 2	< 10	74	< 10	4	24
B554725	< 0.01	0.011	0.001	0.05	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	2
B554726	0.26	0.009	0.018	8.19	6	1	17	0.03	< 20	5	< 2	19	18	< 10	6	18
B554727	1.06	0.069	0.042	2.65	4	8	22	0.11	< 20	< 1	< 2	< 10	80	< 10	10	41
B554728	0.04	0.018	0.003	0.04	< 2	< 1	2	0.02	< 20	< 1	< 2	< 10	4	< 10	< 1	2
B554729	0.71	0.087	0.077	0.03	2	5	29	0.33	< 20	6	< 2	< 10	58	< 10	8	5
B554730	1.41	0.065	0.064	0.70	2	12	34	0.30	< 20	7	< 2	< 10	89	< 10	15	13
B554731	0.99	0.097	0.024	0.27	< 2	8	76	0.14	< 20	3	< 2	< 10	60	< 10	6	26
B554744	1.23	0.016	0.029	18.2	134	1	32	< 0.01	< 20	3	9	< 10	25	44	3	11
B554745	0.60	0.044	0.061	4.50	3	3	10	0.21	< 20	9	< 2	< 10	33	< 10	10	47
B554746	1.05	0.069	0.051	0.11	< 2	5	7	0.23	< 20	< 1	< 2	< 10	35	< 10	11	31
B554747	0.91	0.109	0.162	0.20	< 2	5	39	0.24	< 20	4	< 2	< 10	64	< 10	6	9
B554748	0.84	0.214	0.048	1.88	2	4	35	0.19	< 20	2	< 2	< 10	35	< 10	10	37
B554749	1.82	0.035	0.092	2.12	< 2	3	7	0.24	< 20	7	< 2	< 10	27	< 10	12	33
B554750	0.69	0.094	0.019	2.54	4	2	23	0.16	< 20	5	< 2	< 10	24	22	7	10
B554951	0.45	0.031	0.059	0.88	2	2	9	0.13	< 20	3	< 2	< 10	17	< 10	8	24
B554952	1.14	0.251	0.040	1.97	4	7	39	0.22	< 20	3	< 2	< 10	58	45	8	9
B554953	0.63	0.104	0.028	2.07	2	5	24	0.19	< 20	1	< 2	< 10	35	45	9	9
B554954	2.34	0.086	0.099	0.70	2	16	16	0.35	< 20	5	< 2	< 10	109	< 10	11	14
B554955	1.00	0.062	0.054	4.61	5	14	301	0.24	< 20	4	< 2	< 10	85	< 10	3	46
B554956	< 0.01	0.010	0.001	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	2
B554957	0.43	0.062	0.020	< 0.01	< 2	4	14	0.14	< 20	3	< 2	< 10	7	< 10	18	61
B554958	0.56	0.011	0.033	1.63	2	4	2	0.07	< 20	4	< 2	< 10	27	< 10	3	16
B554959	0.95	0.163	0.055	1.25	3	9	62	0.22	< 20	2	< 2	< 10	63	< 10	10	38
B554960	0.71	0.024	0.048	3.63	9	2	5	0.02	< 20	6	< 2	< 10	20	< 10	6	43
B554961	1.75	0.054	0.097	0.04	< 2	10	24	0.29	< 20	11	< 2	< 10	83	< 10	11	16
B554962	1.48	0.089	0.054	2.45	4	7	31	0.23	< 20	5	< 2	< 10	69	< 10	13	22
B554963	1.09	0.046	0.037	0.40	4	4	21	0.18	< 20	2	< 2	< 10	35	< 10	10	20
B554964	1.36	0.053	0.061	0.49	4	10	23	0.27	< 20	4	< 2	< 10	73	< 10	7	15
B554965	1.66	0.156	0.055	2.13	< 2	11	31	0.18	< 20	< 1	< 2	< 10	85	< 10	10	22
B554966	0.69	0.075	0.035	0.79	3	5	11	0.13	< 20	< 1	< 2	< 10	43	< 10	7	9
B554967	0.80	0.057	0.044	1.19	2	9	7	0.17	< 20	1	< 2	< 10	67	< 10	9	41
B554968	1.30	0.164	0.047	1.63	4	10	32	0.23	< 20	< 1	< 2	< 10	83	< 10	9	25
B554579	0.89	0.059	0.021	0.01	< 2	3	14	0.20	< 20	4	< 2	< 10	52	< 10	5	11
B554580	0.83	0.048	0.036	< 0.01	< 2	2	23	0.22	< 20	6	< 2	< 10	49	< 10	5	7
B554581	0.79	0.078	0.015	< 0.01	< 2	7	3	0.19	< 20	3	< 2	< 10	58	< 10	4	2
B554583	1.10	0.062	0.047	0.03	< 2	8	20	0.14	< 20	< 1	< 2	< 10	59	< 10	13	4
B554584	1.71	0.070	0.100	0.05	3	13	39	0.26	< 20	1	< 2	< 10	81	< 10	21	9
B554585	2.17	0.102	0.091	0.04	3	8	12	0.19	< 20	3	< 2	< 10	73	< 10	13	8
B554586	1.05	0.101	0.051	0.03	4	16	10	0.19	< 20	< 1	< 2	< 10	132	< 10	12	7
B554587	0.61	0.083	0.080	0.06	3	10	12	0.22	< 20	2	< 2	< 10	73	< 10	11	15
B554588	0.04	0.010	0.007	0.13	3	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	3	< 10	3	5
B554589	0.22	0.011	0.010	0.14	4	< 1	3	0.02	< 20	< 1	< 2	< 10	17	< 10	3	10
B554590	0.65	0.224	0.127	0.79	2	6	60	0.13	< 20	1	< 2	< 10	43	< 10	17	11
B554591	1.52	0.259	0.060	0.04	< 2	8	75	0.12	< 20	4	< 2	< 10	72	< 10	9	4
B554592	2.42	0.059	0.035	0.45	< 2	7	38	0.37	< 20	6	< 2	< 10	140	< 10	10	17
B554593	1.28	0.025	0.064	0.40	3	8	12	0.16	< 20	4	< 2	< 10	78	< 10	14	15

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
B554594	1.51	0.086	0.087	0.08	2	7	26	0.23	< 20	3	< 2	< 10	65	< 10	10	8
B554595	0.83	0.114	0.022	0.09	< 2	10	7	0.23	< 20	5	< 2	< 10	58	< 10	6	5
B554596	1.07	0.105	0.018	0.06	< 2	9	3	0.14	< 20	< 1	< 2	< 10	77	< 10	6	3
B554598	0.35	0.048	0.017	0.05	< 2	1	3	0.05	< 20	6	< 2	< 10	6	< 10	4	33
B554599	1.45	0.013	0.078	2.08	5	6	3	0.14	< 20	7	< 2	< 10	47	< 10	7	12
B554501	1.20	0.049	0.047	2.67	3	4	6	0.16	< 20	1	< 2	< 10	33	< 10	6	56
B554503	1.30	0.101	0.067	0.42	< 2	12	21	0.20	< 20	7	< 2	< 10	117	< 10	13	6
B554504	1.55	0.180	0.052	0.85	5	6	11	0.12	< 20	6	< 2	< 10	57	< 10	6	6
B554505	0.83	0.047	0.097	0.35	3	9	16	0.16	< 20	8	< 2	< 10	57	< 10	19	14
B554506	0.66	0.092	0.083	2.26	3	6	27	0.14	< 20	< 1	< 2	< 10	59	< 10	10	22
B554507	0.40	0.070	0.040	0.37	< 2	5	14	0.11	< 20	3	< 2	< 10	36	< 10	4	11
B554508	1.04	0.066	0.187	1.16	< 2	12	19	0.19	< 20	4	< 2	< 10	71	< 10	28	10
B554509	1.81	0.134	0.076	4.37	3	14	44	0.07	< 20	3	< 2	< 10	97	< 10	7	27
B554510	1.59	0.118	0.043	0.91	2	7	38	0.10	< 20	< 1	< 2	< 10	66	< 10	7	11
B554511	1.61	0.163	0.169	1.26	2	12	67	0.11	< 20	5	< 2	< 10	69	< 10	17	11
B554512	0.80	0.106	0.051	2.57	5	6	31	0.14	< 20	2	< 2	< 10	62	< 10	6	8
B554513	1.39	0.110	0.113	1.56	2	6	26	0.19	< 20	< 1	< 2	< 10	76	< 10	8	8
B554514	1.20	0.079	0.049	1.50	5	3	54	0.11	< 20	3	< 2	< 10	66	< 10	3	9
B554515	1.48	0.026	0.013	0.04	< 2	4	3	0.06	< 20	< 1	< 2	< 10	47	< 10	11	2
B554516	0.08	0.052	0.013	0.30	< 2	< 1	4	0.02	< 20	< 1	< 2	< 10	3	< 10	< 1	11
B554517	1.25	0.016	0.029	> 20.0	130	1	33	< 0.01	< 20	< 1	13	< 10	26	44	3	11
B554518	0.68	0.064	0.056	< 0.01	< 2	3	23	0.21	< 20	6	< 2	< 10	36	< 10	9	6
B554519	1.35	0.061	0.060	0.05	2	3	48	0.25	< 20	6	< 2	< 10	51	< 10	6	5
B554520	0.03	0.059	0.005	0.05	< 2	< 1	6	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	4
B554521	0.72	0.066	0.083	0.05	< 2	3	58	0.23	< 20	8	< 2	< 10	38	< 10	9	16
B554522	1.32	0.056	0.065	0.03	< 2	4	43	0.22	< 20	3	< 2	< 10	62	< 10	6	4
B554523	< 0.01	0.017	0.001	< 0.01	< 2	< 1	8	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	65	1030	2	22	95	122	6.80	233	< 10	960	0.9	< 2	0.14	14	71	5.19	20	< 1	0.99	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	611	1450				> 5000	> 10000		248						105		12.3				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						106		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	520	1180				> 5000	> 10000		208						89		10.1				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 133a (Aqua Regia) Meas		96.2	316	326				> 5000	> 10000		150		12				26		7.98				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		91.6	296	300				> 5000	> 10000		138		< 10				24		7.32				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		92.8	299	308				> 5000	> 10000		141		< 10				24		7.52				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 45d (Aqua Regia) Meas				343	418		195	14	36	5.70	6		74		< 2	0.09	31	451	13.5	20		0.11	< 10
OREAS 45d (Aqua Regia) Cert				345.0	400.000		176.0	17.00	30.6	4.860	6.50		80		0.30	0.09	26.2	467	13.650	17.9		0.097	9.960
OREAS 45d (Aqua Regia) Meas				350	419		207	17	34	5.71	6		77		< 2	0.09	25	501	13.6	20		0.11	11
OREAS 45d (Aqua Regia) Cert				345.0	400.000		176.0	17.00	30.6	4.860	6.50		80		0.30	0.09	26.2	467	13.650	17.9		0.097	9.960
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2290	774	< 1	35	57	260	2.96	7		78	0.8	3	0.38	20	43	5.35	< 10		0.43	32
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2250	780	< 1	34	64	270	2.96	11		74	0.7	7	0.36	20	42	5.10	< 10		0.37	30
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2240	788	< 1	33	59	266	3.03	6		79	0.8	3	0.38	21	43	5.09	< 10		0.41	32
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.5	< 0.5	3990	793	< 1	30	75	326	2.64	6		55	0.6	16	0.34	21	35	5.57	< 10		0.31	26

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.6	< 0.5	4470	901	< 1	31	79	352	3.03	22		64	0.7	7	0.37	23	38	5.93	< 10		0.33	28
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4410	885	< 1	30	79	348	3.00	7		62	0.7	17	0.37	23	38	5.86	< 10		0.32	28
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		2.4	< 0.5	4500	928	< 1	31	86	356	3.24	8		67	0.7	11	0.40	24	40	6.23	< 10		0.37	30
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 520 (Aqua Regia) Meas				2760	2140	50	69	5	20	1.54	146			0.6	< 2	3.27	168	33	15.8	10		0.44	59
OREAS 520 (Aqua Regia) Cert				2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7		0.506	83.0
OREAS 907 (Aqua Regia) Meas		1.4	0.8	6340	341	5	7	35	146	1.20	37		220	1.1	13	0.26	44	8	8.25	20		0.31	32
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 907 (Aqua Regia) Meas		1.4	< 0.5	6170	329	4	4	37	145	1.10	41		217	1.1	9	0.26	44	8	8.00	20		0.29	32
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 907 (Aqua Regia) Meas		1.5	0.5	6370	337	5	5	37	150	1.14	35		225	1.1	9	0.27	45	9	8.23	20		0.30	33
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 218 Meas	506																						
OREAS 218 Cert	531																						
OREAS 218 Meas	532																						
OREAS 218 Cert	531																						
OREAS 218 Meas	531																						
OREAS 218 Cert	531																						
OREAS 218 Meas	533																						
OREAS 218 Cert	531																						
OREAS 218 Meas	512																						
OREAS 218 Cert	531																						
OREAS 218 Meas	506																						
OREAS 218 Cert	531																						
Oreas 621 (Aqua Regia) Meas		68.4	290	3720	540	12	23	> 5000	> 10000	1.77	81			0.6	< 2	1.57	29	28	3.57	10	4	0.32	18
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua		64.5	265	3780	507	12	25	> 5000	> 10000	1.62	72			0.5	4	1.50	27	27	3.31	< 10	4	0.32	18

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																							
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		69.6	298	3810	550	13	24	> 5000	> 10000	1.86	83			0.6	< 2	1.66	29	28	3.51	10	4	0.33	18
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		68.5	294	3850	550	13	25	> 5000	> 10000	1.85	80			0.6	< 2	1.65	29	31	3.48	10	4	0.32	18
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
OREAS 263 (Aqua Regia) Meas		0.3	< 0.5	94	538	< 1	71	37	137	1.95	32		187	1.4	< 2	1.04	32	55	3.99	< 10	< 1	0.35	
OREAS 263 (Aqua Regia) Cert		0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288	
Oreas 623 (Aqua Regia) Meas		18.3	50.6	> 10000	536	6	16	2260	9030	1.68	76			< 0.5	9	0.92	187	12	11.9	10	< 1	0.14	14
Oreas 623 (Aqua Regia) Cert		20.4	52.0	17200	570	8.38	15.6	2520	10100	1.80	76.0			0.370	16.9	1.09	216	19.4	13.0	11.9	0.830	0.175	17.9
Oreas E1336 (Fire Assay) Meas	500																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	515																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	493																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	523																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	497																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	499																						
Oreas E1336 (Fire Assay) Cert	510																						
B554648 Orig		4.9	< 0.5	3370	147	5	5	6	22	0.39	3	< 10	60	< 0.5	< 2	0.15	13	16	2.41	< 10	< 1	0.21	< 10
B554648 Dup		4.9	< 0.5	3260	145	4	3	6	21	0.39	< 2	< 10	58	< 0.5	< 2	0.15	13	15	2.38	< 10	< 1	0.20	< 10
B554655 Orig	9																						
B554655 Dup	< 5																						
B554656 Orig		< 0.2	< 0.5	14	401	< 1	9	7	69	1.69	< 2	< 10	106	< 0.5	< 2	0.64	10	28	3.13	10	< 1	0.98	26
B554656 Dup		< 0.2	< 0.5	14	392	< 1	9	9	67	1.65	< 2	< 10	105	< 0.5	< 2	0.62	10	26	3.07	10	< 1	0.96	25
B554667 Orig	6																						
B554667 Dup	5																						
B554681 Orig	6																						
B554681 Dup	< 5																						
B554696 Orig	11																						
B554696 Dup	11																						
B554699 Orig	< 5	< 0.2	< 0.5	59	978	< 1	43	12	100	4.73	2	< 10	50	0.6	< 2	3.13	33	79	6.00	10	< 1	0.24	13

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
B554699 Split PREP DUP	< 5	< 0.2	< 0.5	59	970	< 1	43	< 2	96	4.67	< 2	< 10	49	0.5	< 2	3.10	33	78	6.04	10	< 1	0.24	13
B554801 Orig		< 0.2	< 0.5	31	516	< 1	63	3	60	2.21	< 2	< 10	439	< 0.5	< 2	0.40	20	166	3.86	10	< 1	1.45	22
B554801 Dup		< 0.2	< 0.5	29	505	< 1	61	3	58	2.18	< 2	< 10	432	< 0.5	< 2	0.39	19	165	3.79	< 10	< 1	1.41	22
B554806 Orig	6																						
B554806 Dup	9																						
B554815 Orig		0.5	0.7	58	587	< 1	58	14	386	4.37	3	< 10	63	< 0.5	< 2	1.50	26	77	6.86	10	< 1	1.31	13
B554815 Dup		0.4	0.5	58	582	< 1	55	16	383	4.39	< 2	< 10	67	< 0.5	< 2	1.50	26	76	6.91	10	< 1	1.32	13
B554817 Orig	< 5																						
B554817 Dup	< 5																						
B554818 Orig		< 0.2	< 0.5	< 1	16	< 1	< 1	< 2	3	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	2	0.15	< 10	< 1	< 0.01	< 10
B554818 Dup		< 0.2	< 0.5	< 1	16	< 1	< 1	2	7	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	2	0.15	< 10	< 1	< 0.01	< 10
B554794 Orig		< 0.2	< 0.5	48	616	1	121	4	82	3.83	< 2	< 10	384	< 0.5	< 2	0.27	27	270	5.65	20	< 1	1.83	< 10
B554794 Dup		< 0.2	< 0.5	46	600	2	119	< 2	79	3.72	2	< 10	376	< 0.5	< 2	0.27	26	264	5.50	20	< 1	1.77	< 10
B554795 Orig	< 5																						
B554795 Dup	< 5																						
B554705 Orig	20																						
B554705 Dup	15																						
B554706 Orig		< 0.2	< 0.5	88	667	3	26	3	57	2.02	5	< 10	24	< 0.5	< 2	1.91	31	36	6.42	< 10	< 1	0.12	< 10
B554706 Dup		< 0.2	< 0.5	90	715	2	30	6	61	2.15	6	< 10	26	< 0.5	< 2	2.04	33	38	6.79	< 10	< 1	0.13	< 10
B554715 Orig	312	10.8	2.0	7210	765	46	77	12	236	3.99	< 2	< 10	54	< 0.5	50	2.12	39	258	5.88	< 10	< 1	0.70	< 10
B554715 Split PREP DUP	302	10.4	2.0	6750	719	43	75	11	224	3.73	< 2	< 10	52	< 0.5	46	1.97	37	244	5.56	< 10	< 1	0.66	< 10
B554717 Orig	28																						
B554717 Dup	30																						
B554721 Orig		< 0.2	< 0.5	33	272	< 1	9	3	5	0.41	8	< 10	12	2.0	< 2	0.73	8	9	9.07	< 10	< 1	0.03	< 10
B554721 Dup		< 0.2	< 0.5	33	270	< 1	8	3	5	0.40	9	< 10	12	2.0	< 2	0.71	9	9	8.90	< 10	< 1	0.03	< 10
B554745 Orig	9																						
B554745 Dup	8																						
B554954 Orig	< 5																						
B554954 Dup	< 5																						
B554964 Orig	< 5	0.3	< 0.5	92	947	1	13	5	303	3.64	2	< 10	139	< 0.5	< 2	0.35	15	38	9.37	10	< 1	2.02	16
B554964 Dup	< 5	0.2	< 0.5	90	946	< 1	13	4	297	3.50	3	< 10	137	< 0.5	< 2	0.36	16	37	9.23	10	< 1	1.96	15
B554965 Orig		0.3	0.7	114	419	< 1	34	8	275	3.01	< 2	< 10	37	< 0.5	< 2	0.85	23	43	6.51	10	< 1	0.34	13
B554965 Dup		0.3	0.8	118	436	1	37	9	279	3.18	< 2	< 10	36	< 0.5	< 2	0.89	23	44	6.81	10	< 1	0.35	14
B554967 Orig	< 5																						
B554967 Split PREP DUP	< 5																						
B554590 Orig	< 5																						
B554590 Dup	< 5																						
B554503 Orig	< 5																						
B554503 Dup	< 5																						
B554513 Orig	8																						
B554513 Dup	10																						
B554520 Orig		< 0.2	< 0.5	6	43	< 1	< 1	4	3	0.20	< 2	< 10	29	< 0.5	< 2	0.07	< 1	7	0.42	< 10	< 1	0.05	< 10
B554520 Dup		< 0.2	< 0.5	6	44	< 1	< 1	3	3	0.20	< 2	< 10	30	< 0.5	< 2	0.07	< 1	7	0.43	< 10	< 1	0.05	< 10
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	2	< 5	< 1	< 1	< 2	< 2	< 0.01	2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.36	0.102	0.031	0.01	4	17	34		< 20	< 1	< 2	< 10	152	< 10	4	12
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				19.1												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 134b (AQUA REGIA) Meas				16.9												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 133a (Aqua Regia) Meas				11.7	153											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				9.78	151											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 133a (Aqua Regia) Meas				9.31	139											
OREAS 133a (Aqua Regia) Cert				10.7	147											
OREAS 45d (Aqua Regia) Meas	0.15	0.032	0.034	0.04		39	13		< 20			19	184		4	
OREAS 45d (Aqua Regia) Cert	0.144	0.031	0.035	0.045		41.50	11.0		11.3			1.64	201.0		5.08	
OREAS 45d (Aqua Regia) Meas	0.16	0.037	0.035	< 0.01		42	13		< 20			< 10	201		5	
OREAS 45d (Aqua Regia) Cert	0.144	0.031	0.035	0.045		41.50	11.0		11.3			1.64	201.0		5.08	
OREAS 922 (AQUA REGIA) Meas	1.26	0.021	0.064	0.37	< 2	4	17		< 20		< 2	< 10	33	< 10	19	31
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.29	0.024	0.061	0.37	2	3	17		< 20		< 2	< 10	31	< 10	18	18
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.30	0.026	0.061	0.38	< 2	3	17		< 20		< 2	< 10	32	< 10	19	12
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.21		0.055	0.63	< 2	3	13		< 20		< 2	< 10	28	< 10	14	29

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.40		0.059	0.69	4	3	17		< 20		< 2	< 10	31	< 10	16	21
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.38		0.058	0.67	4	3	15		< 20		< 2	< 10	31	< 10	16	19
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.47		0.061	0.71	3	3	16		< 20		< 2	< 10	33	< 10	17	19
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 520 (Aqua Regia) Meas	1.03	0.052	0.069	0.92	7	10	32	0.15	< 20	4	< 2	32	214	27	11	37
OREAS 520 (Aqua Regia) Cert	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0
OREAS 907 (Aqua Regia) Meas	0.22	0.078	0.024	0.06	5	2	13	0.02	< 20	5	< 2	13	7	< 10	7	42
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 907 (Aqua Regia) Meas	0.22	0.086	0.023	0.06	7	2	14	0.02	< 20	< 1	< 2	< 10	6	< 10	7	47
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 907 (Aqua Regia) Meas	0.22	0.090	0.024	0.07	6	2	14	0.02	< 20	< 1	< 2	< 10	6	< 10	7	48
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 218 Meas																
OREAS 218 Cert																
OREAS 218 Meas																
OREAS 218 Cert																
OREAS 218 Meas																
OREAS 218 Cert																
OREAS 218 Meas																
OREAS 218 Cert																
OREAS 218 Meas																
OREAS 218 Cert																
OREAS 218 Meas																
OREAS 218 Cert																
Oreas 621 (Aqua Regia) Meas	0.41	0.151	0.034	4.52	127	2	21		< 20		< 2	< 10	11	< 10	7	64
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua	0.31	0.168	0.033	4.45	117	2	18		< 20		< 2	< 10	10	< 10	7	50

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.44	0.150	0.034	4.53	128	2	21		< 20		< 2	< 10	12	12	8	60
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.44	0.149	0.033	4.73	127	2	21		< 20		< 2	< 10	12	16	8	62
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
OREAS 263 (Aqua Regia) Meas	0.60	0.075	0.044	0.12	9	4	20		< 20	< 1	< 2	< 10	27		12	
OREAS 263 (Aqua Regia) Cert	0.593	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0	
Oreas 623 (Aqua Regia) Meas	0.95	0.060	0.042	8.17	24	4	14		< 20	< 1	< 2	17	16	< 10	7	51
Oreas 623 (Aqua Regia) Cert	1.11	0.0680	0.0400	8.75	20.2	4.63	14.2		4.72	0.570	0.260	1.43	15.8	2.62	7.43	50.0
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
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Oreas E1336 (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
B554648 Orig	0.20	0.030	0.015	1.01	< 2	2	9	0.07	< 20	< 1	< 2	< 10	16	< 10	3	3
B554648 Dup	0.20	0.030	0.014	1.00	< 2	2	9	0.07	< 20	1	< 2	< 10	16	< 10	3	3
B554655 Orig																
B554655 Dup																
B554656 Orig	0.90	0.082	0.138	0.03	< 2	4	92	0.27	< 20	5	< 2	< 10	54	< 10	6	17
B554656 Dup	0.89	0.081	0.136	0.03	< 2	4	88	0.26	< 20	6	< 2	< 10	53	< 10	6	17
B554667 Orig																
B554667 Dup																
B554681 Orig																
B554681 Dup																
B554696 Orig																
B554696 Dup																
B554699 Orig	2.94	0.200	0.131	0.12	2	10	61	0.13	< 20	3	< 2	< 10	130	< 10	10	6

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
B554699 Split PREP DUP	2.96	0.192	0.131	0.12	3	9	58	0.13	< 20	4	< 2	< 10	129	< 10	9	7
B554801 Orig	1.64	0.075	0.057	0.11	< 2	7	30	0.27	< 20	8	< 2	< 10	80	< 10	9	11
B554801 Dup	1.61	0.073	0.056	0.10	< 2	7	29	0.26	< 20	8	< 2	< 10	79	< 10	9	10
B554806 Orig																
B554806 Dup																
B554815 Orig	1.31	0.133	0.035	0.84	3	11	30	0.21	< 20	4	< 2	< 10	94	< 10	10	15
B554815 Dup	1.32	0.134	0.036	0.85	< 2	11	29	0.21	< 20	5	< 2	< 10	95	< 10	10	14
B554817 Orig																
B554817 Dup																
B554818 Orig	< 0.01	0.009	0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	1
B554818 Dup	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	1
B554794 Orig	2.71	0.086	0.075	0.14	2	14	12	0.30	< 20	5	< 2	< 10	110	< 10	5	20
B554794 Dup	2.64	0.084	0.073	0.13	< 2	14	11	0.29	< 20	8	< 2	< 10	107	< 10	5	19
B554795 Orig																
B554795 Dup																
B554705 Orig																
B554705 Dup																
B554706 Orig	1.17	0.169	0.063	0.81	4	16	43	0.25	< 20	6	< 2	< 10	173	< 10	13	6
B554706 Dup	1.25	0.181	0.065	0.83	4	16	47	0.26	< 20	3	< 2	< 10	179	< 10	14	6
B554715 Orig	2.12	0.220	0.019	0.91	5	17	29	0.24	< 20	4	< 2	< 10	134	< 10	5	4
B554715 Split PREP DUP	2.00	0.200	0.018	0.90	4	16	27	0.23	< 20	5	< 2	< 10	127	< 10	5	5
B554717 Orig																
B554717 Dup																
B554721 Orig	0.06	0.042	0.048	2.06	3	< 1	22	< 0.01	< 20	3	< 2	11	7	< 10	6	6
B554721 Dup	0.06	0.041	0.047	2.05	3	< 1	22	< 0.01	< 20	< 1	< 2	10	9	< 10	6	5
B554745 Orig																
B554745 Dup																
B554954 Orig																
B554954 Dup																
B554964 Orig	1.37	0.053	0.062	0.49	4	10	23	0.27	< 20	3	< 2	< 10	73	< 10	7	15
B554964 Dup	1.35	0.053	0.061	0.48	4	10	23	0.26	< 20	5	< 2	< 10	72	< 10	7	15
B554965 Orig	1.62	0.152	0.054	2.09	< 2	11	31	0.18	< 20	< 1	< 2	< 10	83	< 10	10	21
B554965 Dup	1.71	0.161	0.056	2.17	2	11	32	0.19	< 20	3	< 2	< 10	87	< 10	11	22
B554967 Orig																
B554967 Split PREP DUP																
B554590 Orig																
B554590 Dup																
B554503 Orig																
B554503 Dup																
B554513 Orig																
B554513 Dup																
B554520 Orig	0.03	0.058	0.005	0.05	< 2	< 1	6	0.01	< 20	2	< 2	< 10	2	< 10	< 1	4
B554520 Dup	0.03	0.059	0.004	0.05	< 2	< 1	6	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	5
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.004	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.004	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.005	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

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Date Submitted: **13-Aug-20**
Your Reference: **Sakami**

Laurentia Exploration
3434 rue des generateurs
Sanguenay Quebec G7X0M1
Canada

ATTN: Hugues Guerin Tremblay

CERTIFICATE OF ANALYSIS

141 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-AR Timmins	QOP Assay (Code 8-Assays)	2020-09-14 14:42:57

REPORT **A20-09630-Assays**

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Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Ag	Cu	Pb	Zn
Unit Symbol	ppm	%	%	%
Lower Limit	3	0.001	0.003	0.001
Method Code	ICP-OES	ICP-OES	ICP-OES	ICP-OES
B554752	187		0.795	
B554753	266		5.56	19.2
B554754				1.33
B554774		3.02	0.590	2.28
B554552				2.17
B554601				0.991

Analyte Symbol	Ag	Cu	Pb	Zn
Unit Symbol	ppm	%	%	%
Lower Limit	3	0.001	0.003	0.001
Method Code	ICP-OES	ICP-OES	ICP-OES	ICP-OES
PTM-1a Meas	128	25.5		
PTM-1a Cert	135	24.96		
OREAS 134b (AQUA REGIA) Meas	207	0.141	13.1	17.4
OREAS 134b (AQUA REGIA) Cert	204	0.136	13.3	17.7
MP-1b Meas	50	3.11	2.09	16.7
MP-1b Cert	47	3.07	2.09	16.7
CPB-2 Meas		0.124	64.8	6.09
CPB-2 Cert		0.1213	63.52	6.04
CZN-4 Meas	49	0.390	0.177	54.7
CZN-4 Cert	51	0.403	0.1861	55.07
CCU-1e Meas	204	22.9	0.684	2.96
CCU-1e Cert	205	22.9	0.703	3.02
OREAS 97 (AR Assay) Meas		6.22		
OREAS 97 (AR Assay) Cert		6.28		
B554754 Orig	41	0.003	0.077	1.33
B554754 Dup	39	0.003	0.076	1.34
Method Blank	< 3	< 0.001	< 0.003	< 0.001

Report No.: **A20-09630-Assays**
Report Date: **14-Sep-20**
Date Submitted: **13-Aug-20**
Your Reference: **Sakami**

Laurentia Exploration
3434 rue des generateurs
Sanguenay Quebec G7X0M1
Canada

ATTN: Hugues Guerin Tremblay

CERTIFICATE OF ANALYSIS

141 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-AR Timmins	QOP Assay (Code 8-Assays)	2020-09-14 14:42:57

REPORT **A20-09630-Assays**

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Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-11600**
Report Date: **21-Oct-20**
Date Submitted: **24-Sep-20**
Your Reference: **Sakami**

Laurentia Exploration
3434 rue des generateurs
Sanguenay Quebec G7X0M1
Canada

ATTN: Hugues Guerin Tremblay

CERTIFICATE OF ANALYSIS

23 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3	QOP AquaGeo (Aqua Regia ICPOES)	2020-10-07 08:32:25
8-AR	QOP Assay (Code 8-Assays)	2020-10-16 12:16:54

REPORT **A20-11600**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-11600**
Report Date: **21-Oct-20**
Date Submitted: **24-Sep-20**
Your Reference: **Sakami**

Laurentia Exploration
3434 rue des generateurs
Sanguenay Quebec G7X0M1
Canada

ATTN: Hugues Guerin Tremblay

CERTIFICATE OF ANALYSIS

23 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	2020-09-28 10:47:55

REPORT **A20-11600**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
A683506	< 5	0.3	< 0.5	62	1240	< 1	71	7	219	3.73	3	< 10	180	< 0.5	< 2	1.92	28	101	5.77	10	< 1	0.59	15
A683507	760	1.9	43.7	187	1200	1	62	10	6370	3.48	< 2	< 10	14	< 0.5	3	0.70	74	91	8.70	10	< 1	0.92	10
A683508	< 5	< 0.2	< 0.5	1	37	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	3	0.35	< 10	< 1	< 0.01	< 10
A683509	24	0.5	5.4	79	1200	< 1	72	10	706	5.16	< 2	< 10	75	< 0.5	< 2	2.17	27	98	6.57	10	< 1	0.98	14
A683510	1710	3.4	25.2	177	1260	< 1	66	11	4000	4.75	2	< 10	53	< 0.5	3	1.84	28	96	7.43	10	< 1	0.93	13
A683511	109	3.2	24.0	367	1230	1	66	11	3090	4.32	8	< 10	21	< 0.5	3	0.93	33	95	8.56	10	< 1	1.22	12
A683512	8	0.3	< 0.5	51	1090	< 1	72	12	115	5.64	< 2	< 10	233	< 0.5	< 2	3.09	26	102	5.29	20	< 1	0.88	16
A683513	8	0.4	< 0.5	68	1190	< 1	69	9	153	4.54	< 2	< 10	166	< 0.5	< 2	2.50	24	80	4.88	10	< 1	0.57	12
A1007055	351	> 100	172	209	7970	< 1	44	> 5000	> 10000	1.39	15	< 10	< 10	< 0.5	< 2	0.62	24	34	5.89	< 10	2	0.24	< 10
A683522	7	0.6	0.7	47	892	2	33	16	545	3.87	3	< 10	94	0.5	< 2	1.96	22	23	5.62	< 10	< 1	0.74	15
A683523	< 5	1.3	< 0.5	40	1360	1	73	43	365	5.48	< 2	< 10	166	0.5	< 2	2.13	30	81	6.46	10	< 1	1.27	13
A683524	< 5	0.4	< 0.5	45	1360	< 1	65	14	366	5.41	< 2	< 10	134	0.5	< 2	2.03	28	71	6.20	10	< 1	1.23	14
A683525	12	1.0	16.8	72	1220	< 1	61	19	2400	4.38	< 2	< 10	40	< 0.5	< 2	1.57	28	57	7.21	10	< 1	0.95	19
A683534	20	1.7	45.0	172	1310	< 1	57	10	5450	3.71	3	< 10	24	< 0.5	< 2	1.27	35	56	8.36	< 10	< 1	0.94	11
A683535	61	2.0	53.5	76	1310	< 1	51	9	6680	3.04	4	< 10	19	< 0.5	< 2	1.56	22	53	7.79	< 10	< 1	0.60	< 10
A683539	57	0.8	13.6	187	1180	1	37	45	2530	3.27	2	22	38	< 0.5	< 2	1.48	25	27	5.28	< 10	< 1	0.97	14
A683540	1390	39.6	316	915	1230	1	38	531	> 10000	1.36	98	< 10	< 10	< 0.5	102	0.57	311	26	10.2	< 10	3	0.21	< 10
A683541	< 5	< 0.2	< 0.5	< 1	107	< 1	< 1	< 2	10	0.02	< 2	< 10	27	< 0.5	< 2	> 10.0	< 1	< 1	0.12	< 10	< 1	< 0.01	< 10
A683542	86	0.9	23.7	129	1220	< 1	44	41	3900	3.43	< 2	< 10	31	< 0.5	< 2	1.47	27	34	6.57	< 10	< 1	0.84	15
A683543	385	6.9	60.3	790	801	4	38	216	> 10000	1.90	12	< 10	13	< 0.5	6	0.54	59	18	8.17	< 10	< 1	0.39	10
A683544	8090	1.2	< 0.5	148	727	3	111	16	70	3.35	32	37	36	< 0.5	< 2	2.96	32	251	5.95	10	< 1	0.12	< 10
A683545	326	1.4	52.3	448	1220	5	32	34	8340	2.76	3	< 10	27	< 0.5	< 2	0.54	35	21	8.72	< 10	< 1	0.62	13
A683546	286	2.8	10.4	250	612	1	14	51	2240	1.34	13	< 10	38	< 0.5	2	0.20	24	23	6.11	< 10	< 1	0.24	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Pb	Zn
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.003	0.001
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES
A683506	1.81	0.285	0.071	0.27	3	10	46	0.23	< 20	4	< 2	< 10	107	< 10	10	9			
A683507	1.66	0.106	0.065	2.37	3	10	21	0.22	< 20	1	< 2	< 10	103	< 10	7	9			
A683508	< 0.01	0.007	0.002	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	2			
A683509	2.13	0.300	0.077	0.45	3	10	71	0.23	< 20	< 1	< 2	< 10	111	< 10	8	6			
A683510	2.08	0.198	0.068	0.89	3	9	46	0.21	< 20	6	< 2	< 10	110	< 10	7	6			
A683511	1.94	0.181	0.071	1.43	3	11	30	0.25	< 20	1	< 2	< 10	112	< 10	9	8			
A683512	2.19	0.393	0.081	0.05	< 2	9	103	0.23	< 20	6	< 2	< 10	111	< 10	8	5			
A683513	1.92	0.409	0.066	0.19	3	8	81	0.18	< 20	< 1	< 2	< 10	86	< 10	7	5			
A1007055	0.44	0.021	0.040	3.85	174	4	5	0.15	< 20	4	< 2	< 10	34	14	3	10	712	2.81	4.04
A683522	1.47	0.120	0.105	0.80	2	6	45	0.25	< 20	6	< 2	< 10	87	< 10	9	5			
A683523	2.16	0.262	0.092	0.44	4	7	80	0.26	< 20	3	< 2	< 10	99	< 10	7	4			
A683524	1.99	0.318	0.076	0.57	< 2	7	84	0.26	< 20	3	< 2	< 10	95	< 10	8	5			
A683525	1.78	0.158	0.102	1.30	4	7	63	0.23	< 20	4	< 2	< 10	84	< 10	11	6			
A683534	1.68	0.136	0.077	2.56	2	6	37	0.20	< 20	4	< 2	< 10	71	< 10	8	7			
A683535	1.48	0.062	0.061	2.45	3	5	26	0.16	< 20	1	< 2	< 10	57	< 10	6	5			
A683539	1.31	0.091	0.084	1.02	< 2	6	36	0.24	< 20	2	< 2	< 10	77	< 10	8	5			
A683540	0.56	0.027	0.082	7.88	6	5	13	0.13	< 20	3	< 2	< 10	42	< 10	8	10			5.17
A683541	0.83	0.012	0.006	< 0.01	< 2	< 1	80	< 0.01	< 20	< 1	< 2	18	1	< 10	2	1			
A683542	1.52	0.063	0.077	1.42	3	8	34	0.24	< 20	2	< 2	< 10	86	< 10	9	6			
A683543	0.85	0.030	0.081	3.84	< 2	5	16	0.16	< 20	2	< 2	< 10	48	11	7	8			1.15
A683544	2.55	0.061	0.037	0.45	3	9	43	0.41	< 20	2	< 2	< 10	150	< 10	11	16			
A683545	1.29	0.023	0.090	2.69	2	6	14	0.19	< 20	3	< 2	< 10	59	< 10	8	9			
A683546	0.65	0.022	0.083	1.13	< 2	4	12	0.16	< 20	2	< 2	< 10	35	< 10	4	8			

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 134b (AQUA REGIA) Meas																							
OREAS 134b (AQUA REGIA) Cert																							
MP-1b Meas																							
MP-1b Cert																							
OREAS 98 (Aqua Regia) Meas																							
OREAS 98 (Aqua Regia) Cert																							
CZN-4 Meas																							
CZN-4 Cert																							
OREAS 45d (Aqua Regia) Meas				373	428		213	13	35	5.97	6		80		< 2	0.09	34	457	14.1	20		0.11	< 10
OREAS 45d (Aqua Regia) Cert				345.0	400.000		176.0	17.00	30.6	4.860	6.50		80		0.30	0.09	26.2	467	13.650	17.9		0.097	9.960
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2300	779	1	33	58	256	3.10	8		82	0.8	2	0.39	20	42	5.43	< 10		0.45	32
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.6	< 0.5	4600	880	< 1	30	81	336	3.00	9		63	0.7	15	0.38	23	37	6.09	< 10		0.37	28
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
PTC-1b Meas																							
PTC-1b Cert																							
Oreas 96 (Aqua Regia) Meas																							
Oreas 96 (Aqua Regia) Cert																							
OREAS 522 (Aqua Regia) Meas		1.5		9190	3620	176	67	12	26	1.43	485			< 0.5	3	3.00	444	25	24.1	10		0.64	121
OREAS 522 (Aqua Regia) Cert		1.23		9040	3670	198	64.0	12.5	28.3	1.29	492			0.410	8.87	3.43	533	28.6	24.13	13.2		0.528	192
OREAS 907 (Aqua Regia) Meas		1.3	< 0.5	6320	341	4	4	35	146	1.26	36		218	1.1	10	0.26	46	8	7.93	20		0.32	37
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
CCU-1e Meas																							
CCU-1e Cert																							
OREAS 218 Meas	543																						
OREAS 218 Cert	531																						
Oreas 621 (Aqua Regia) Meas		67.1	286	3840	540	12	26	> 5000	> 10000	1.86	91			0.6	< 2	1.57	27	29	3.56	10	4	0.34	18
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
OREAS 263 (Aqua Regia) Meas		0.2	< 0.5	88	506	< 1	73	35	129	2.01	32		180	1.4	< 2	1.02	29	52	3.83	< 10	< 1	0.37	

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 263 (Aqua Regia) Cert		0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288	
Oreas 623 (Aqua Regia) Meas		19.7	51.8	> 10000	559	8	16	2530	9620	1.86	85			< 0.5	< 2	1.01	192	17	12.8	10	< 1	0.17	16
Oreas 623 (Aqua Regia) Cert		20.4	52.0	17200	570	8.38	15.6	2520	10100	1.80	76.0			0.370	16.9	1.09	216	19.4	13.0	11.9	0.830	0.175	17.9
Oreas E1336 (Fire Assay) Meas	523																						
Oreas E1336 (Fire Assay) Cert	510																						
OREAS 352 Peroxide Fusion Meas																							
OREAS 352 Peroxide Fusion Cert																							
A1007055 Orig		> 100	175	215	8070	< 1	44	> 5000	> 10000	1.41	15	< 10	< 10	< 0.5	< 2	0.63	24	34	5.99	< 10	2	0.25	< 10
A1007055 Dup		> 100	170	204	7860	< 1	43	> 5000	> 10000	1.37	14	< 10	< 10	< 0.5	< 2	0.61	24	34	5.80	< 10	2	0.24	< 10
A683522 Orig	7																						
A683522 Dup	6																						
A683543 Orig	344																						
A683543 Dup	426																						
A683545 Orig		1.4	51.9	441	1210	5	32	34	8270	2.73	2	< 10	30	< 0.5	< 2	0.53	35	21	8.61	< 10	< 1	0.61	13
A683545 Dup		1.4	52.8	454	1230	5	32	34	8410	2.79	3	< 10	25	< 0.5	< 2	0.54	36	21	8.83	< 10	< 1	0.62	13
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	2	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank																							

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Pb	Zn
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.003	0.001
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES
OREAS 134b (AQUA REGIA) Meas																	208	13.3	16.4
OREAS 134b (AQUA REGIA) Cert																	204	13.3	17.7
MP-1b Meas																	47	2.11	17.2
MP-1b Cert																	47	2.09	16.7
OREAS 98 (Aqua Regia) Meas																	46	0.032	0.135
OREAS 98 (Aqua Regia) Cert																	42.8		
CZN-4 Meas																	49	0.178	55.1
CZN-4 Cert																	51	0.1861	55.07
OREAS 45d (Aqua Regia) Meas	0.16	0.034	0.035	0.04		35	13		< 20			< 10	191		4				
OREAS 45d (Aqua Regia) Cert	0.144	0.031	0.035	0.045		41.50	11.0		11.3			1.64	201.0		5.08				
OREAS 922 (AQUA REGIA) Meas	1.29	0.022	0.064	0.36	2	4	17		< 20		< 2	< 10	33	< 10	20	12			
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3			
OREAS 923 (AQUA REGIA) Meas	1.34		0.059	0.63	3	3	15		< 20		< 2	< 10	31	< 10	17	13			
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5			
PTC-1b Meas																	50	0.080	0.209
PTC-1b Cert																	53	0.080	0.2083
Oreas 96 (Aqua Regia) Meas																	10	0.009	0.046
Oreas 96 (Aqua Regia) Cert																	11.50		0.0448
OREAS 522 (Aqua Regia) Meas	1.01		0.088	2.32	12	7	44	0.17	< 20	< 1	< 2	33	141	113	14	54			
OREAS 522 (Aqua Regia) Cert	1.07		0.0890	2.59	5.39	8.18	64.0	0.146	7.33	1.11	0.130	40.2	153	113	14.9	45.7			
OREAS 907 (Aqua Regia) Meas	0.21	0.083	0.024	0.06	6	2	13	0.03	< 20	< 1	< 2	< 10	5	< 10	7	48			
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7			
CCU-1e Meas																	199	0.700	3.02
CCU-1e Cert																	205	0.703	3.02
OREAS 218 Meas																			
OREAS 218 Cert																			
Oreas 621 (Aqua Regia) Meas	0.42	0.157	0.034	4.63	103	2	21		< 20		< 2	< 10	11	< 10	7	62			
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0			
OREAS 263 (Aqua Regia) Meas	0.58	0.071	0.042	0.12	8	4	20		< 20	< 1	< 2	< 10	26		13				

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Pb	Zn
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.003	0.001
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES
OREAS 263 (Aqua Regia) Cert	0.593	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0				
Oreas 623 (Aqua Regia) Meas	1.02	0.065	0.044	8.80	25	4	16		< 20	< 1	< 2	< 10	15	14	8	59			
Oreas 623 (Aqua Regia) Cert	1.11	0.0680	0.0400	8.75	20.2	4.63	14.2		4.72	0.570	0.260	1.43	15.8	2.62	7.43	50.0			
Oreas E1336 (Fire Assay) Meas																			
Oreas E1336 (Fire Assay) Cert																			
OREAS 352 Peroxide Fusion Meas																		51.9	2.36
OREAS 352 Peroxide Fusion Cert																		60.6	2.36
A1007055 Orig	0.44	0.022	0.041	3.76	177	4	5	0.15	< 20	5	< 2	< 10	35	16	3	10			
A1007055 Dup	0.43	0.020	0.039	3.93	170	4	5	0.15	< 20	4	< 2	< 10	34	12	3	10			
A683522 Orig																			
A683522 Dup																			
A683543 Orig																			1.15
A683543 Dup																			1.15
A683545 Orig	1.28	0.024	0.090	2.69	3	6	14	0.19	< 20	4	< 2	< 10	58	< 10	8	10			
A683545 Dup	1.31	0.022	0.091	2.70	2	6	14	0.20	< 20	2	< 2	< 10	59	< 10	8	8			
Method Blank																			
Method Blank																			
Method Blank	< 0.01	0.005	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1			
Method Blank	< 0.01	0.005	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1			
Method Blank	< 0.01	0.004	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1			
Method Blank																	< 3	< 0.003	< 0.001

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-09740**
Report Date: **27-Aug-20**
Date Submitted: **20-Aug-20**
Your Reference: **Sakami**

Laurentia Exploration
3434 rue des generateurs
Sanguenay Quebec G7X0M1
Canada

ATTN: Hugues Guerin Tremblay

CERTIFICATE OF ANALYSIS

27 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-50-Timmins	QOP AA-Au (Au - Fire Assay AA)	2020-08-24 09:32:31
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-08-25 10:19:49

REPORT **A20-09740**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
B554673	702	0.7	< 0.5	91	4380	1	30	3	78	2.93	3	< 10	18	< 0.5	< 2	1.10	9	67	11.3	< 10	< 1	0.48	11
B554674	661	1.1	1.0	108	1890	2	39	33	162	2.21	16	< 10	13	< 0.5	< 2	1.14	19	49	14.9	< 10	< 1	0.08	< 10
B554675	144	0.5	< 0.5	89	1720	< 1	11	4	54	2.90	< 2	< 10	24	0.5	< 2	2.09	6	45	10.0	10	< 1	0.13	11
B554676	94	1.3	11.7	186	425	< 1	22	253	1550	0.41	21	< 10	16	< 0.5	< 2	0.46	11	40	7.86	< 10	< 1	0.03	< 10
B554658	< 5	0.3	< 0.5	45	106	1	7	< 2	9	0.09	< 2	< 10	< 10	< 0.5	< 2	0.84	2	40	1.58	< 10	< 1	< 0.01	< 10
B554660	< 5	0.5	< 0.5	62	404	13	45	6	50	1.42	< 2	< 10	102	< 0.5	< 2	1.59	15	136	4.96	< 10	< 1	0.43	< 10
B554813	236	1.5	1.4	961	672	< 1	21	4	156	4.08	3	< 10	114	< 0.5	< 2	1.32	21	35	6.79	10	< 1	1.18	12
B554732	< 5	< 0.2	< 0.5	69	162	< 1	12	3	51	1.40	< 2	< 10	20	< 0.5	< 2	0.18	22	18	5.31	< 10	< 1	0.12	18
B554733	< 5	< 0.2	< 0.5	67	186	1	12	< 2	52	1.52	< 2	< 10	24	< 0.5	< 2	0.16	15	22	5.52	< 10	< 1	0.14	17
B554734	< 5	< 0.2	< 0.5	55	147	1	15	< 2	50	1.66	< 2	< 10	26	< 0.5	< 2	0.14	16	19	4.53	< 10	< 1	0.13	13
B554735	< 5	0.2	< 0.5	51	357	2	3	6	86	1.87	< 2	< 10	45	< 0.5	< 2	0.37	16	14	5.31	< 10	< 1	0.11	10
B554736	10	< 0.2	< 0.5	48	234	< 1	28	4	38	1.27	3	24	31	< 0.5	< 2	0.77	17	40	4.23	< 10	< 1	0.11	10
B554737	7	< 0.2	< 0.5	55	119	< 1	16	3	8	0.43	3	14	22	< 0.5	< 2	0.40	16	30	3.79	< 10	< 1	0.07	< 10
B554738	10	< 0.2	< 0.5	16	272	< 1	35	3	50	1.34	2	< 10	30	< 0.5	< 2	0.39	21	36	6.42	< 10	< 1	0.06	< 10
B554739	12	0.3	< 0.5	63	329	2	71	< 2	43	1.74	< 2	< 10	21	0.6	< 2	0.70	31	96	7.61	< 10	< 1	0.08	< 10
B554740	7	< 0.2	< 0.5	24	414	< 1	14	3	72	1.33	< 2	< 10	31	< 0.5	< 2	0.38	12	35	6.75	< 10	< 1	0.08	< 10
B554741	< 5	< 0.2	< 0.5	28	281	2	3	< 2	51	2.46	3	< 10	43	0.5	< 2	0.50	4	9	4.16	< 10	< 1	0.21	19
B554742	11	< 0.2	< 0.5	70	358	1	43	3	46	3.19	< 2	< 10	44	< 0.5	< 2	1.88	19	44	4.70	< 10	< 1	0.25	12
B554743	6	< 0.2	< 0.5	17	463	2	33	< 2	72	2.31	< 2	< 10	42	< 0.5	< 2	0.79	13	55	5.72	< 10	< 1	0.15	12
B554710	10	0.5	< 0.5	87	225	3	41	4	45	1.34	2	< 10	41	< 0.5	< 2	0.15	31	17	4.28	< 10	< 1	0.57	14
B554714	5	0.5	< 0.5	100	139	17	26	22	32	0.72	< 2	< 10	33	< 0.5	< 2	0.09	16	18	2.87	< 10	< 1	0.21	< 10
B554582	9	0.3	< 0.5	496	607	< 1	50	13	133	2.10	6	< 10	87	< 0.5	< 2	1.62	25	46	6.66	10	1	0.27	83
B554597	60	5.3	< 0.5	> 10000	769	< 1	24	< 2	67	2.41	< 2	< 10	13	< 0.5	< 2	1.97	45	34	9.58	10	< 1	0.07	< 10
B554600	< 5	< 0.2	< 0.5	117	2430	3	46	2	86	3.51	< 2	< 10	14	< 0.5	< 2	1.07	16	48	12.9	10	< 1	0.08	< 10
B554502	< 5	< 0.2	< 0.5	79	934	2	130	7	94	2.75	3	< 10	71	< 0.5	< 2	0.52	26	170	6.65	< 10	1	1.52	16
B554969	< 5	< 0.2	< 0.5	1	67	< 1	< 1	< 2	20	0.02	< 2	< 10	< 10	< 0.5	< 2	0.01	< 1	3	0.54	< 10	< 1	< 0.01	< 10
B554970	895	54.1	130	5150	539	10	17	3900	> 10000	0.91	1650	< 10	< 10	< 0.5	24	1.61	27	42	17.7	< 10	9	0.08	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
B554673	1.54	0.083	0.053	3.24	4	5	11	0.21	< 20	2	< 2	< 10	54	< 10	7	16
B554674	1.24	0.099	0.044	9.67	6	4	6	0.12	< 20	< 1	< 2	< 10	42	< 10	7	16
B554675	1.35	0.226	0.053	1.73	4	7	18	0.18	< 20	< 1	< 2	< 10	62	< 10	10	17
B554676	0.20	0.012	0.018	4.19	4	1	7	0.02	< 20	< 1	< 2	< 10	9	< 10	2	4
B554658	0.06	< 0.001	0.013	0.47	< 2	< 1	25	< 0.01	< 20	< 1	< 2	< 10	5	< 10	< 1	< 1
B554660	1.41	0.059	0.109	0.92	< 2	3	25	0.15	< 20	2	< 2	< 10	58	< 10	5	12
B554813	1.83	0.199	0.084	0.70	2	11	23	0.24	< 20	< 1	< 2	< 10	106	< 10	11	15
B554732	0.63	0.044	0.096	1.44	< 2	3	15	0.08	< 20	2	< 2	< 10	29	< 10	6	9
B554733	0.65	0.054	0.104	1.01	2	3	18	0.08	< 20	2	< 2	< 10	33	< 10	6	7
B554734	0.65	0.042	0.089	0.60	< 2	3	11	0.07	< 20	3	< 2	< 10	40	< 10	4	7
B554735	0.71	0.047	0.105	1.31	2	7	16	0.13	< 20	2	< 2	< 10	48	< 10	9	10
B554736	0.52	0.112	0.131	2.55	< 2	8	32	0.08	< 20	2	< 2	< 10	37	< 10	7	18
B554737	0.03	0.048	0.058	2.90	< 2	5	18	0.08	< 20	< 1	< 2	< 10	13	< 10	6	20
B554738	0.69	0.065	0.081	4.18	< 2	8	15	0.08	< 20	< 1	< 2	< 10	76	< 10	4	26
B554739	0.74	0.105	0.071	6.33	3	11	27	0.14	< 20	< 1	< 2	< 10	104	< 10	4	35
B554740	0.70	0.100	0.100	4.48	2	5	25	0.09	< 20	1	< 2	< 10	43	< 10	6	38
B554741	1.20	0.057	0.134	0.59	< 2	3	36	0.10	< 20	2	< 2	< 10	21	< 10	3	7
B554742	0.92	0.378	0.096	2.46	< 2	7	83	0.12	< 20	< 1	< 2	< 10	61	< 10	9	14
B554743	1.07	0.121	0.112	1.85	< 2	8	47	0.14	< 20	2	< 2	< 10	76	< 10	6	13
B554710	0.67	0.037	0.034	1.46	2	3	17	0.12	< 20	1	< 2	< 10	41	< 10	4	51
B554714	0.20	0.026	0.027	1.54	< 2	2	10	0.05	< 20	< 1	< 2	< 10	12	< 10	4	57
B554582	1.76	0.056	0.277	0.54	3	8	27	0.36	< 20	5	< 2	< 10	85	< 10	27	6
B554597	1.59	0.286	0.049	2.92	4	18	6	0.23	< 20	< 1	< 2	< 10	166	< 10	13	13
B554600	1.27	0.057	0.056	0.64	4	7	2	0.17	< 20	< 1	< 2	< 10	68	< 10	8	13
B554502	2.17	0.045	0.075	1.23	2	8	9	0.22	< 20	3	< 2	< 10	77	< 10	8	29
B554969	< 0.01	< 0.001	0.001	0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	1
B554970	1.23	0.007	0.032	> 20.0	123	1	32	< 0.01	< 20	< 1	9	< 10	29	22	3	7

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	70	996	1	22	98	133	6.74	230	< 10	845	0.9	< 2	0.16	13	76	5.37	20	2	1.12	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	573	1300				> 5000	> 10000		221						90		11.3				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 922 (AQUA REGIA) Meas		6.4	< 0.5	2300	767	< 1	32	69	293	2.79	5		76	0.7	6	0.40	19	45	5.21	< 10		0.47	37
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.4	0.5	4300	840	< 1	30	82	342	2.67	5		59	0.6	13	0.38	21	43	5.71	< 10		0.37	33
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.3	0.5	6460	341	5	4	37	152	1.11	36		218	1.0	17	0.28	43	9	7.98	20		0.34	39
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 218 Meas	498																						
OREAS 218 Cert	531																						
Oreas 621 (Aqua Regia) Meas		69.7	286	3650	530	12	23	> 5000	> 10000	1.59	78			0.6	< 2	1.62	27	28	3.42	< 10	4	0.34	20
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		72.4	293	3810	554	13	24	> 5000	> 10000	1.70	76			0.6	< 2	1.69	28	31	3.59	< 10	4	0.37	21
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas E1336 (Fire Assay) Meas	494																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	525																						
Oreas E1336 (Fire Assay) Cert	510																						
B554674 Orig		1.1	1.0	111	1950	2	41	33	165	2.28	17	< 10	13	< 0.5	< 2	1.17	20	50	15.2	< 10	< 1	0.09	< 10
B554674 Dup		1.1	1.0	106	1830	2	37	33	160	2.14	16	< 10	12	< 0.5	< 2	1.10	19	48	14.5	< 10	< 1	0.08	< 10
B554658 Orig		0.2	< 0.5	46	108	1	8	< 2	9	0.10	< 2	< 10	10	< 0.5	< 2	0.86	2	39	1.61	< 10	< 1	< 0.01	< 10
B554658 Dup		0.4	< 0.5	44	103	1	7	3	9	0.09	< 2	< 10	< 10	< 0.5	< 2	0.82	2	40	1.55	< 10	< 1	< 0.01	< 10
B554742 Orig		< 0.2	< 0.5	70	360	1	43	3	46	3.22	< 2	< 10	44	< 0.5	< 2	1.90	19	44	4.72	< 10	< 1	0.25	12
B554742 Dup		< 0.2	< 0.5	70	356	1	42	3	46	3.16	< 2	< 10	44	< 0.5	< 2	1.87	19	43	4.68	< 10	< 1	0.24	12
B554710 Orig	10																						
B554710 Dup	9																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 5																						
Method Blank	< 5																						

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.38	0.075	0.034	0.02	4	18	35		< 20	< 1	< 2	< 10	163	< 10	5	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 134b (AQUA REGIA) Meas				16.7												
OREAS 134b (AQUA REGIA) Cert				19.31												
OREAS 922 (AQUA REGIA) Meas	1.33	0.014	0.067	0.40	2	3	17		< 20		< 2	< 10	35	< 10	19	11
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.36		0.059	0.66	3	3	14		< 20		< 2	< 10	32	< 10	16	17
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.22	0.083	0.026	0.07	5	2	13	0.02	< 20	< 1	< 2	< 10	6	< 10	7	45
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 218 Meas																
OREAS 218 Cert																
Oreas 621 (Aqua Regia) Meas	0.44	0.148	0.035	4.42	114	2	19		< 20		< 2	< 10	12	< 10	7	60
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.46	0.162	0.036	4.64	115	2	20		< 20		< 2	< 10	13	< 10	7	64
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
B554674 Orig	1.26	0.103	0.045	9.80	8	4	6	0.13	< 20	< 1	< 2	< 10	43	< 10	7	17
B554674 Dup	1.21	0.095	0.043	9.54	4	4	6	0.12	< 20	< 1	< 2	< 10	41	< 10	6	15
B554658 Orig	0.06	0.002	0.013	0.48	< 2	< 1	25	< 0.01	< 20	< 1	< 2	< 10	5	< 10	< 1	< 1
B554658 Dup	0.06	< 0.001	0.013	0.46	< 2	< 1	24	< 0.01	< 20	< 1	< 2	< 10	5	< 10	< 1	< 1
B554742 Orig	0.93	0.380	0.097	2.48	< 2	7	85	0.12	< 20	< 1	< 2	< 10	62	< 10	9	14
B554742 Dup	0.91	0.376	0.096	2.44	< 2	7	82	0.11	< 20	4	< 2	< 10	61	< 10	9	14
B554710 Orig																
B554710 Dup																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																
Method Blank																

Report No.: **A20-11588**
Report Date: **25-Oct-20**
Date Submitted: **24-Sep-20**
Your Reference: **Sakami**

Laurentia Exploration
3434 rue des generateurs
Sanguenay Quebec G7X0M1
Canada

ATTN: Hugues Guerin Tremblay

CERTIFICATE OF ANALYSIS

48 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	2020-10-22 08:21:32
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-10-08 09:59:03
8-AR Timmins	QOP Assay (Code 8-Assays)	2020-10-23 10:02:54

REPORT **A20-11588**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
A683514	48	2.3	6.3	195	978	< 1	52	7	1410	4.17	< 2	< 10	101	< 0.5	< 2	1.44	24	88	6.36	10	< 1	1.11	11
A683515	6	1.4	< 0.5	59	841	< 1	70	9	91	5.51	< 2	< 10	353	< 0.5	< 2	2.62	23	102	5.01	20	< 1	1.40	15
A683516	< 5	1.2	< 0.5	41	748	< 1	63	7	81	5.47	< 2	< 10	294	< 0.5	< 2	2.59	20	90	4.46	10	< 1	1.08	14
A683517	< 5	1.2	< 0.5	51	804	< 1	62	6	89	4.66	< 2	< 10	149	< 0.5	< 2	2.49	20	84	4.29	10	< 1	0.60	13
A683518	< 5	1.7	< 0.5	41	965	< 1	66	9	150	4.73	< 2	< 10	275	< 0.5	< 2	2.36	22	92	5.25	10	< 1	1.28	12
A683519	7	1.6	15.1	60	1060	< 1	63	10	2090	4.08	< 2	< 10	132	< 0.5	< 2	1.62	25	73	5.78	10	< 1	1.49	12
A683520	18	2.1	30.5	79	938	< 1	93	11	3900	3.38	< 2	< 10	61	< 0.5	< 2	1.14	40	103	7.41	10	< 1	1.06	14
A683521	14	1.5	4.0	54	694	< 1	34	14	930	3.57	< 2	< 10	83	< 0.5	< 2	1.37	20	17	5.63	10	< 1	1.02	21
A683526	9	1.3	1.4	35	520	2	25	6	404	1.93	< 2	< 10	59	< 0.5	< 2	0.66	13	40	3.67	< 10	< 1	0.58	10
A683527	6	1.5	1.2	44	1100	< 1	60	11	512	4.04	< 2	< 10	136	< 0.5	< 2	1.51	23	57	5.80	10	< 1	1.07	11
A683528	1150	33.9	112	> 10000	554	7	11	> 5000	> 10000	1.74	91	< 10	12	< 0.5	11	1.05	194	17	13.0	20	< 1	0.13	< 10
A683529	9	1.6	1.7	43	1240	< 1	59	9	260	3.85	< 2	< 10	196	< 0.5	< 2	2.39	21	72	5.17	< 10	< 1	1.26	11
A683530	9	1.6	7.1	40	936	< 1	62	14	1070	4.15	< 2	< 10	171	< 0.5	< 2	1.43	26	83	5.77	10	< 1	1.64	11
A683531	8	1.4	8.7	54	1170	< 1	71	9	1090	4.56	< 2	< 10	187	< 0.5	< 2	1.45	23	87	5.88	10	< 1	1.44	13
A683532	< 5	1.1	< 0.5	41	1010	< 1	65	11	234	4.38	< 2	< 10	183	< 0.5	< 2	2.03	23	78	4.86	10	< 1	1.13	13
A683533	38	2.3	32.6	98	1050	< 1	62	11	4640	3.62	< 2	< 10	70	< 0.5	< 2	0.89	25	67	7.01	10	< 1	1.03	11
A1007051	870	> 100	484	25	3960	< 1	22	> 5000	> 10000	0.76	8	< 10	24	< 0.5	< 2	3.02	11	22	4.81	< 10	3	0.06	< 10
A1007052	750	> 100	14.9	48	5850	< 1	7	3700	2110	0.90	82	< 10	28	< 0.5	< 2	0.21	15	23	9.48	< 10	< 1	0.29	< 10
A1007053	29	24.5	7.5	31	7280	< 1	38	480	1830	2.19	15	< 10	58	< 0.5	< 2	1.54	15	45	5.67	< 10	< 1	0.87	< 10
A1007054	< 5	2.3	< 0.5	85	769	< 1	61	21	94	2.92	< 2	< 10	13	< 0.5	< 2	0.50	26	63	5.47	10	< 1	0.05	< 10
A1007056	< 5	15.4	4.0	62	3000	< 1	60	178	986	2.41	< 2	< 10	45	< 0.5	< 2	1.28	23	80	5.29	10	< 1	0.23	11
A1007057	< 5	2.6	< 0.5	53	1940	< 1	62	31	68	4.11	< 2	< 10	103	< 0.5	< 2	3.49	22	81	4.31	10	< 1	1.25	11
A1007058	< 5	6.4	0.5	47	2670	< 1	75	57	279	3.83	< 2	< 10	108	< 0.5	< 2	2.26	25	87	5.09	10	< 1	1.34	11
A1007059	38	10.9	7.4	56	2490	< 1	66	241	1690	4.23	< 2	< 10	132	< 0.5	< 2	2.41	23	96	5.07	10	< 1	1.60	< 10
A1007060	28	17.8	10.2	59	3850	< 1	59	356	2170	2.75	12	< 10	81	< 0.5	< 2	1.21	22	72	5.64	< 10	< 1	1.35	< 10
A1007061	37	24.7	11.0	57	5180	< 1	56	549	2500	2.45	16	31	80	< 0.5	< 2	1.13	21	55	4.91	< 10	< 1	1.11	11
A1007062	31	4.1	162	104	1130	< 1	52	291	> 10000	2.75	< 2	< 10	46	< 0.5	< 2	0.97	18	34	7.89	< 10	< 1	1.08	11
A1007063	46	4.4	56.3	100	1430	< 1	49	678	> 10000	2.88	3	< 10	57	< 0.5	< 2	1.19	20	49	6.67	< 10	< 1	1.39	11
A1007064	8	1.2	< 0.5	29	539	2	82	2	70	2.36	< 2	< 10	305	< 0.5	< 2	0.50	18	199	4.56	10	< 1	1.16	19
B554851	33	1.6	27.2	81	1260	< 1	37	3	3070	3.07	< 2	< 10	115	< 0.5	< 2	0.78	16	71	6.03	10	< 1	0.84	< 10
B554852	18	1.8	0.7	51	925	< 1	46	11	492	3.18	< 2	< 10	67	< 0.5	< 2	0.93	18	69	5.98	10	< 1	0.50	10
B554853	52	2.8	67.9	360	1060	< 1	50	16	8860	3.60	< 2	< 10	47	< 0.5	< 2	0.40	30	210	9.88	10	< 1	0.22	< 10
B554854	15	1.5	21.7	29	957	< 1	48	9	2770	2.83	< 2	< 10	54	< 0.5	< 2	0.36	15	131	6.56	< 10	< 1	0.42	< 10
B554855	30	1.6	23.1	45	1120	< 1	61	25	2930	3.26	< 2	< 10	67	< 0.5	< 2	0.90	20	145	5.98	< 10	< 1	0.54	< 10
B554856	8	1.2	0.5	60	586	< 1	51	5	408	3.26	< 2	< 10	106	< 0.5	< 2	0.86	23	72	6.76	10	< 1	0.57	13
B554857	7	1.6	1.8	50	1350	< 1	67	29	419	4.34	< 2	< 10	97	< 0.5	< 2	1.83	27	45	6.12	10	< 1	1.61	< 10
B554858	5	0.9	< 0.5	14	581	< 1	35	3	88	1.73	< 2	< 10	49	< 0.5	< 2	0.84	20	25	6.36	10	< 1	0.40	17
B554859	3900	31.7	257	1010	952	< 1	30	315	> 10000	2.38	30	< 10	34	< 0.5	109	0.44	74	29	8.13	< 10	2	0.32	< 10
B554860	96	2.0	1.4	103	1250	10	19	62	189	2.23	11	< 10	20	< 0.5	< 2	1.15	9	39	10.5	< 10	< 1	0.09	< 10
B554861	37	1.3	0.8	68	510	1	14	17	143	0.53	< 2	< 10	15	< 0.5	< 2	0.68	5	44	5.12	< 10	< 1	0.04	< 10
A683501	1550	14.3	73.9	637	670	< 1	59	14	6620	2.25	< 2	< 10	29	< 0.5	58	0.23	57	68	7.46	< 10	< 1	0.75	< 10
A683502	97	19.5	21.5	837	904	< 1	35	1490	4050	2.02	< 2	< 10	33	< 0.5	23	0.52	39	28	7.19	< 10	< 1	0.81	15
A683503	6060	35.0	31.3	1100	1060	< 1	26	346	4750	2.71	3	< 10	31	< 0.5	165	0.58	68	39	5.22	10	< 1	0.17	< 10
A683504	1870	28.8	55.7	240	379	< 1	20	419	8940	1.43	73	< 10	44	< 0.5	116	0.28	74	22	9.63	< 10	< 1	0.26	< 10
A683505	15	0.9	< 0.5	43	903	< 1	55	8	77	3.33	12	< 10	53	< 0.5	< 2	0.77	23	30	6.00	20	< 1	0.24	30
A683536	< 5	1.1	< 0.5	70	1610	< 1	69	4	79	2.80	< 2	< 10	67	< 0.5	< 2	6.64	26	117	5.94	< 10	< 1	0.28	< 10
A683537	< 5	0.8	< 0.5	10	757	< 1	73	19	65	3.12	< 2	< 10	12	< 0.5	< 2	2.52	26	102	5.87	10	< 1	0.04	< 10
A683538	< 5	0.7	< 0.5	7	402	< 1	28	< 2	64	2.97	< 2	< 10	217	< 0.5	< 2	0.62	17	35	4.29	< 10	< 1	0.92	11

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Cu	Pb	Zn
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.001	0.003	0.001
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
A683514	1.73	0.226	0.065	1.10	< 2	7	39	0.17	< 20	3	< 2	< 10	94	< 10	7	6				
A683515	2.00	0.412	0.079	0.10	< 2	8	72	0.17	< 20	< 1	< 2	< 10	108	< 10	8	5				
A683516	1.86	0.492	0.079	0.13	< 2	7	89	0.16	< 20	< 1	< 2	< 10	95	< 10	8	4				
A683517	1.72	0.366	0.076	0.21	< 2	6	76	0.14	< 20	< 1	< 2	< 10	82	< 10	7	4				
A683518	1.85	0.240	0.081	0.36	< 2	5	51	0.21	< 20	< 1	< 2	< 10	98	< 10	7	4				
A683519	1.71	0.185	0.076	1.03	< 2	6	39	0.21	< 20	4	< 2	< 10	89	< 10	7	3				
A683520	1.53	0.104	0.069	2.47	2	6	27	0.17	< 20	6	< 2	< 10	70	< 10	7	4				
A683521	1.36	0.198	0.111	1.25	< 2	5	46	0.17	< 20	< 1	< 2	< 10	82	< 10	13	3				
A683526	0.71	0.118	0.052	0.72	< 2	3	25	0.12	< 20	1	< 2	< 10	41	< 10	7	2				
A683527	1.72	0.184	0.090	0.75	2	5	37	0.17	< 20	5	< 2	< 10	77	< 10	8	3				
A683528	1.00	0.083	0.050	10.3	48	4	9	0.02	< 20	< 1	< 2	< 10	16	< 10	6	45		3.08	0.637	2.36
A683529	1.80	0.180	0.066	0.70	< 2	5	38	0.19	< 20	< 1	< 2	< 10	76	< 10	8	3				
A683530	1.67	0.249	0.082	0.80	< 2	6	40	0.22	< 20	3	< 2	< 10	90	< 10	7	4				
A683531	1.85	0.264	0.080	0.63	< 2	6	44	0.20	< 20	3	< 2	< 10	85	< 10	8	3				
A683532	1.74	0.210	0.078	0.42	< 2	4	52	0.19	< 20	3	< 2	< 10	76	< 10	7	3				
A683533	1.73	0.149	0.070	1.87	3	5	27	0.17	< 20	< 1	< 2	< 10	68	< 10	7	4				
A1007051	0.43	0.022	0.015	4.54	61	3	11	0.06	< 20	2	< 2	< 10	25	14	2	5	458		3.82	8.42
A1007052	0.12	0.040	0.037	3.49	22	3	13	0.06	< 20	1	< 2	< 10	23	< 10	2	7	122			
A1007053	0.83	0.046	0.056	0.59	3	4	21	0.17	< 20	2	< 2	< 10	56	< 10	5	8				
A1007054	2.18	0.075	0.076	0.22	< 2	12	10	0.12	< 20	6	< 2	< 10	91	< 10	9	4				
A1007056	1.85	0.051	0.054	0.27	< 2	10	9	0.25	< 20	< 1	< 2	< 10	108	< 10	9	5				
A1007057	1.49	0.179	0.059	0.10	< 2	9	46	0.22	< 20	3	< 2	< 10	99	< 10	10	4				
A1007058	1.70	0.106	0.055	0.13	< 2	8	24	0.23	< 20	< 1	< 2	< 10	112	< 10	9	4				
A1007059	1.67	0.199	0.049	0.54	4	8	59	0.22	< 20	< 1	< 2	< 10	122	< 10	6	4				
A1007060	1.28	0.131	0.047	1.63	3	6	24	0.21	< 20	3	< 2	< 10	89	< 10	6	6				
A1007061	1.01	0.056	0.056	0.97	4	5	21	0.19	< 20	3	< 2	< 10	64	< 10	6	8				
A1007062	1.36	0.057	0.074	4.32	4	7	13	0.21	< 20	6	< 2	< 10	71	27	7	5				3.24
A1007063	1.14	0.070	0.070	2.34	3	7	19	0.19	< 20	< 1	< 2	< 10	76	< 10	9	5				1.14
A1007064	1.99	0.109	0.070	0.07	2	11	20	0.25	< 20	6	< 2	< 10	89	< 10	9	38				
B554851	1.60	0.069	0.068	1.00	3	7	12	0.15	< 20	< 1	< 2	< 10	73	< 10	5	3				
B554852	1.70	0.062	0.052	0.77	< 2	6	14	0.16	< 20	< 1	< 2	< 10	75	< 10	5	4				
B554853	1.94	0.029	0.064	3.14	6	9	9	0.12	< 20	3	< 2	< 10	83	< 10	4	5				
B554854	1.52	0.039	0.062	1.03	2	5	9	0.10	< 20	< 1	< 2	< 10	53	< 10	3	3				
B554855	1.80	0.039	0.054	0.96	3	5	16	0.15	< 20	< 1	< 2	< 10	57	< 10	5	3				
B554856	1.37	0.049	0.041	0.99	2	8	8	0.14	< 20	< 1	< 2	< 10	73	< 10	9	17				
B554857	1.69	0.253	0.083	1.41	< 2	7	40	0.25	< 20	8	< 2	< 10	107	< 10	7	3				
B554858	1.39	0.080	0.070	3.41	< 2	6	28	0.25	< 20	5	< 2	< 10	66	< 10	13	69				
B554859	1.55	0.051	0.059	4.89	4	5	12	0.12	< 20	< 1	< 2	< 10	61	< 10	7	6				4.05
B554860	1.00	0.120	0.045	3.09	4	4	17	0.13	< 20	< 1	< 2	< 10	41	< 10	6	14				
B554861	0.24	0.032	0.023	2.23	2	1	12	0.03	< 20	< 1	< 2	< 10	11	< 10	3	5				
A683501	1.22	0.072	0.060	3.26	3	7	7	0.13	< 20	5	< 2	< 10	64	< 10	3	8				
A683502	0.79	0.072	0.095	3.46	3	6	23	0.17	< 20	2	< 2	< 10	64	< 10	5	6				
A683503	2.02	0.047	0.057	1.02	< 2	8	10	0.15	< 20	2	< 2	< 10	103	< 10	9	5				
A683504	0.64	0.048	0.073	4.03	4	5	7	0.14	< 20	5	< 2	< 10	56	< 10	6	10				
A683505	2.78	0.098	0.139	1.35	< 2	15	18	0.23	< 20	< 1	< 2	< 10	139	< 10	16	11				
A683536	2.67	0.049	0.022	0.15	< 2	13	52	0.03	< 20	< 1	< 2	< 10	92	< 10	10	2				
A683537	2.64	0.105	0.032	0.02	< 2	16	9	0.09	< 20	< 1	< 2	< 10	159	< 10	8	2				
A683538	2.14	0.064	0.063	0.02	< 2	5	21	0.11	< 20	2	< 2	< 10	68	< 10	7	6				

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
PTM-1a Meas																							
PTM-1a Cert																							
GXR-6 Meas		1.0	< 0.5	67	1020	1	22	92	122	6.98	250	< 10	929	0.9	< 2	0.15	12	75	5.65	20	< 1	1.09	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	564	1340				> 5000	> 10000		226						89		11.7				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	542	1250				> 5000	> 10000		213						84		11.0				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
MP-1b Meas																							
MP-1b Cert																							
OREAS 133a (Aqua Regia) Meas		96.6	289	324				> 5000	> 10000		140		19				21		7.60				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		91.9	281	322				> 5000	> 10000		133		18				20		7.19				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
CPB-2 Meas																							
CPB-2 Cert																							
CZN-4 Meas																							
CZN-4 Cert																							
OREAS 922 (AQUA REGIA) Meas		1.9	< 0.5	2330	787	< 1	33	66	270	2.81	4		74	0.7	7	0.35	18	44	5.52	< 10		0.42	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		3.2	< 0.5	4590	914	< 1	31	84	352	2.94	5		60	0.6	15	0.36	21	41	6.32	< 10		0.36	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		2.2	< 0.5	4310	877	< 1	30	86	352	2.81	4		62	0.6	15	0.35	20	40	5.94	< 10		0.35	30
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		2.0	< 0.5	6520	357	5	3	33	147	1.08	38		232	1.0	18	0.27	42	8	8.45	20		0.33	37
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
CCU-1e Meas																							
CCU-1e Cert																							
OREAS 218 Meas	513																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 218 Cert	531																						
OREAS 218 Meas	533																						
OREAS 218 Cert	531																						
OREAS 218 Meas	519																						
OREAS 218 Cert	531																						
OREAS 218 Meas	516																						
OREAS 218 Cert	531																						
Oreas 621 (Aqua Regia) Meas		70.5	277	3700	550	13	24	> 5000	> 10000	1.67	82			0.5	< 2	1.58	27	30	3.57	< 10	4	0.34	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		69.2	280	3610	539	12	23	> 5000	> 10000	1.66	77			0.5	< 2	1.55	26	29	3.48	10	3	0.33	18
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas E1336 (Fire Assay) Meas	504																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	528																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	493																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	505																						
Oreas E1336 (Fire Assay) Cert	510																						
A683516 Orig		1.1	< 0.5	40	744	< 1	62	5	79	5.44	< 2	< 10	291	< 0.5	< 2	2.57	19	89	4.43	10	< 1	1.08	14
A683516 Dup		1.3	< 0.5	42	752	< 1	63	8	83	5.50	< 2	< 10	296	< 0.5	< 2	2.61	20	90	4.48	10	< 1	1.09	15
A683527 Orig	6																						
A683527 Dup	6																						
A683528 Orig		31.9	111	> 10000	567	6	12	> 5000	> 10000	1.77	88	< 10	11	< 0.5	12	1.07	193	17	13.0	20	< 1	0.13	< 10
A683528 Dup		35.9	113	> 10000	541	9	11	> 5000	> 10000	1.71	94	< 10	12	< 0.5	10	1.03	196	16	13.1	20	1	0.13	< 10
A1007052 Orig																							
A1007052 Dup																							
A1007054 Orig	< 5																						
A1007054 Dup	< 5																						
B554851 Orig	39																						
B554851 Dup	27																						
A683505 Orig	19																						
A683505 Dup	10																						
Method Blank		1.4	< 0.5	< 1	< 5	< 1	< 1	< 2	6	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank																							
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Cu	Pb	Zn
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.001	0.003	0.001
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
PTM-1a Meas																	130	24.9		
PTM-1a Cert																	135	24.96		
GXR-6 Meas	0.35	0.091	0.033	0.02	5	19	34		< 20	2	< 2	< 10	158	< 10	5	14				
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110				
OREAS 134b (AQUA REGIA) Meas				17.6													201	0.143	13.4	17.8
OREAS 134b (AQUA REGIA) Cert				19.31													204	0.136	13.3	17.7
OREAS 134b (AQUA REGIA) Meas				16.8																
OREAS 134b (AQUA REGIA) Cert				19.31																
MP-1b Meas																	48	2.87	2.05	16.5
MP-1b Cert																	47	3.07	2.09	16.7
OREAS 133a (Aqua Regia) Meas				12.0	137															
OREAS 133a (Aqua Regia) Cert				10.7	147															
OREAS 133a (Aqua Regia) Meas				10.8	134															
OREAS 133a (Aqua Regia) Cert				10.7	147															
CPB-2 Meas																		0.123	63.5	6.04
CPB-2 Cert																		0.1213	63.52	6.04
CZN-4 Meas																	50	0.407	0.191	55.1
CZN-4 Cert																	51	0.403	0.1861	55.07
OREAS 922 (AQUA REGIA) Meas	1.33	0.029	0.065	0.39	2	3	16		< 20		< 2	< 10	31	< 10	17	30				
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3				
OREAS 923 (AQUA REGIA) Meas	1.47		0.063	0.68	3	3	14		< 20		< 2	< 10	32	< 10	15	31				
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5				
OREAS 923 (AQUA REGIA) Meas	1.39		0.060	0.69	3	3	14		< 20		< 2	< 10	30	< 10	15	32				
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5				
OREAS 907 (Aqua Regia) Meas	0.22	0.105	0.025	0.07	6	2	13	0.02	< 20	1	< 2	< 10	7	< 10	7	51				
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7				
CCU-1e Meas																	209	23.0	0.723	3.06
CCU-1e Cert																	205	22.9	0.703	3.02
OREAS 218 Meas																				

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Cu	Pb	Zn
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.001	0.003	0.001
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
OREAS 218 Cert																				
OREAS 218 Meas																				
OREAS 218 Cert																				
OREAS 218 Meas																				
OREAS 218 Cert																				
OREAS 218 Meas																				
OREAS 218 Cert																				
Oreas 621 (Aqua Regia) Meas	0.43	0.177	0.034	4.40	126	2	18		< 20		< 2	< 10	11	< 10	7	63				
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0				
Oreas 621 (Aqua Regia) Meas	0.42	0.180	0.033	4.40	127	2	17		< 20		< 2	< 10	11	< 10	7	66				
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0				
Oreas E1336 (Fire Assay) Meas																				
Oreas E1336 (Fire Assay) Cert																				
Oreas E1336 (Fire Assay) Meas																				
Oreas E1336 (Fire Assay) Cert																				
Oreas E1336 (Fire Assay) Meas																				
Oreas E1336 (Fire Assay) Cert																				
Oreas E1336 (Fire Assay) Meas																				
Oreas E1336 (Fire Assay) Cert																				
A683516 Orig	1.85	0.488	0.078	0.12	< 2	7	89	0.16	< 20	< 1	< 2	< 10	95	< 10	8	4				
A683516 Dup	1.87	0.495	0.079	0.13	< 2	7	89	0.16	< 20	4	< 2	< 10	95	< 10	8	4				
A683527 Orig																				
A683527 Dup																				
A683528 Orig	1.02	0.085	0.051	9.95	45	4	9	0.02	< 20	3	2	< 10	16	11	6	46				
A683528 Dup	0.98	0.081	0.049	10.6	51	4	9	0.02	< 20	< 1	< 2	< 10	16	< 10	6	45				
A1007052 Orig																	120			
A1007052 Dup																	125			
A1007054 Orig																				
A1007054 Dup																				
B554851 Orig																				
B554851 Dup																				
A683505 Orig																				
A683505 Dup																				
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1				
Method Blank																				
Method Blank																				
Method Blank																				
Method Blank																	< 3	< 0.001	< 0.003	< 0.001
Method Blank																				
Method Blank																				
Method Blank																				

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag	Cu	Pb	Zn
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3	0.001	0.003	0.001
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
Method Blank																				

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-11637**
Report Date: **23-Oct-20**
Date Submitted: **24-Sep-20**
Your Reference: **Sakami**

Laurentia Exploration
3434 rue des generateurs
Sanguenay Quebec G7X0M1
Canada

ATTN: Hugues Guerin Tremblay

CERTIFICATE OF ANALYSIS

67 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	2020-10-22 11:46:11
1E3-Timmins	QOP AquaGeo (Aqua Regia ICPOES)	2020-10-08 09:59:03
8-AR Timmins	QOP Assay (Code 8-Assays)	2020-10-23 10:02:54

REPORT **A20-11637**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
A1007065	40	1.0	< 0.5	72	577	3	84	5	69	2.68	5	< 10	52	< 0.5	< 2	0.36	19	201	8.19	20	< 1	0.72	13
A1007066	166	1.0	< 0.5	73	734	2	73	< 2	57	2.32	8	< 10	77	< 0.5	< 2	0.59	18	158	7.36	10	< 1	0.66	14
A1007067	323	1.3	< 0.5	99	798	2	61	< 2	45	1.94	3	< 10	46	< 0.5	< 2	1.04	16	90	9.10	< 10	< 1	0.26	< 10
A1007068	36	0.9	< 0.5	62	579	2	74	< 2	59	2.26	2	< 10	38	< 0.5	< 2	0.95	16	136	7.88	< 10	< 1	0.71	16
A1007069	7470	1.8	< 0.5	132	635	2	103	15	66	2.97	26	24	35	< 0.5	< 2	2.51	26	236	5.26	10	< 1	0.13	< 10
A1007070	153	1.1	< 0.5	82	964	< 1	89	< 2	65	2.28	< 2	< 10	31	< 0.5	< 2	0.66	18	150	7.99	10	< 1	0.96	16
A1007071	16	0.8	< 0.5	21	458	< 1	100	3	70	2.74	< 2	< 10	183	< 0.5	< 2	0.59	16	204	6.13	10	< 1	1.50	20
A1007072	< 5	1.0	< 0.5	< 1	116	< 1	< 1	< 2	< 2	0.02	< 2	< 10	21	< 0.5	< 2	> 10.0	< 1	2	0.13	< 10	< 1	0.01	< 10
A1007073	< 5	0.8	< 0.5	18	592	1	161	7	76	3.37	57	< 10	208	< 0.5	< 2	0.63	23	298	6.28	20	< 1	0.71	24
A1007074	8	0.5	0.5	< 1	634	< 1	270	3	70	3.11	266	< 10	14	< 0.5	< 2	0.84	32	358	4.78	10	< 1	0.04	20
A1007075	< 5	0.7	< 0.5	34	579	< 1	111	5	80	3.30	3	< 10	173	< 0.5	< 2	0.43	18	260	7.48	20	< 1	1.26	20
A1007076	8	0.9	< 0.5	60	517	1	110	4	67	2.78	8	< 10	75	< 0.5	< 2	0.53	21	201	7.26	10	< 1	1.21	20
A1007077	< 5	0.7	< 0.5	21	565	< 1	127	11	78	3.05	47	< 10	416	< 0.5	< 2	0.36	21	255	6.01	20	< 1	1.45	23
A1007078	76	0.9	< 0.5	51	516	2	109	14	85	2.60	10	< 10	53	< 0.5	< 2	0.53	20	190	7.24	10	< 1	1.06	20
A1007079	2160	> 100	5.8	5460	193	8	14	444	900	0.68	1000	< 10	30	< 0.5	55	0.46	5	40	2.54	< 10	< 1	0.22	15
A1007080	20	0.8	< 0.5	19	567	1	121	9	88	3.20	10	< 10	260	< 0.5	< 2	0.51	20	242	7.26	20	< 1	1.17	23
A1007081	44	1.5	0.6	56	658	1	77	43	149	2.74	4	< 10	64	< 0.5	< 2	0.53	17	157	8.55	10	< 1	0.58	18
A1007082	13	0.9	0.5	34	555	2	95	4	71	2.54	< 2	< 10	106	< 0.5	< 2	0.65	18	180	6.91	10	< 1	0.79	19
A1007083	< 5	0.8	< 0.5	< 1	105	< 1	< 1	< 2	2	0.03	< 2	< 10	16	< 0.5	< 2	> 10.0	< 1	3	0.12	< 10	< 1	< 0.01	< 10
A1007084	7	0.9	< 0.5	42	591	1	94	7	61	2.41	8	< 10	111	< 0.5	< 2	0.68	17	195	6.72	10	< 1	0.35	19
A1007085	95	0.9	< 0.5	52	546	1	96	< 2	61	2.42	4	< 10	66	< 0.5	< 2	0.82	17	184	7.04	10	< 1	0.75	18
A1007086	36	1.1	< 0.5	54	574	1	105	5	67	2.56	4	< 10	76	< 0.5	< 2	0.83	20	197	7.46	10	< 1	0.69	19
A1007087	7	0.6	< 0.5	18	549	< 1	119	4	69	2.95	14	< 10	279	< 0.5	< 2	0.62	20	239	6.22	10	< 1	0.85	23
A1007088	58	0.9	< 0.5	48	560	1	111	3	72	2.65	3	< 10	95	< 0.5	< 2	0.64	19	208	6.96	10	< 1	0.96	19
A1007089	< 5	1.0	0.5	71	535	1	126	4	68	2.59	< 2	< 10	71	< 0.5	< 2	0.68	18	221	7.84	10	< 1	0.64	18
A1007090	427	1.2	< 0.5	34	871	< 1	13	17	42	1.96	10	< 10	51	0.6	< 2	0.66	8	18	6.48	20	< 1	0.10	23
A1007091	190	2.2	< 0.5	30	538	< 1	3	15	26	1.36	51	< 10	57	< 0.5	< 2	0.53	4	8	4.53	10	< 1	0.10	24
A1007092	1020	1.8	0.8	97	1760	1	60	15	116	1.98	4	< 10	49	< 0.5	< 2	0.93	15	64	10.7	10	< 1	0.25	11
A1007093	312	0.8	< 0.5	20	689	< 1	46	< 2	49	1.64	< 2	< 10	119	< 0.5	< 2	0.55	11	85	4.92	< 10	< 1	0.44	12
A1007094	31	0.8	< 0.5	18	850	2	101	4	77	2.53	12	< 10	127	< 0.5	< 2	0.82	17	214	6.83	10	< 1	0.61	20
A1007095	1100	1.8	0.5	100	1950	2	44	6	46	2.23	3	< 10	61	< 0.5	< 2	1.16	20	40	10.8	10	< 1	0.26	< 10
A1007096	162	0.9	< 0.5	18	1250	1	58	5	60	2.57	4	< 10	95	< 0.5	< 2	1.24	14	105	6.90	10	< 1	0.33	16
A1007097	312	1.2	< 0.5	41	1200	1	54	6	51	2.09	7	< 10	58	< 0.5	< 2	1.09	14	102	7.85	< 10	< 1	0.19	13
A1007098	14	1.6	< 0.5	19	829	< 1	58	17	87	2.51	5	< 10	41	< 0.5	< 2	1.26	20	76	5.67	20	< 1	0.16	19
A1007099	1060	1.8	< 0.5	104	1030	2	48	14	57	2.13	4	< 10	28	< 0.5	< 2	1.54	10	86	11.1	< 10	< 1	0.11	12
A1007001	190	1.4	< 0.5	72	1450	2	34	17	57	2.16	3	< 10	31	< 0.5	< 2	1.30	13	41	9.72	< 10	< 1	0.11	11
A1007002	1150	2.1	< 0.5	147	1150	1	48	9	23	0.91	3	< 10	16	< 0.5	< 2	1.35	19	22	13.9	< 10	< 1	0.05	< 10
A1007003	2220	> 100	5.6	5440	193	8	13	436	844	0.68	994	< 10	33	< 0.5	53	0.46	5	38	2.52	< 10	1	0.22	15
A1007004	3090	3.5	< 0.5	147	1560	3	56	16	49	1.40	3	< 10	33	< 0.5	< 2	0.95	14	72	12.7	< 10	< 1	0.11	< 10
A1007005	1560	0.8	< 0.5	32	285	< 1	3	3	33	0.95	< 2	< 10	150	< 0.5	< 2	0.21	6	12	2.29	< 10	< 1	0.57	15
A1007006	2630	1.0	< 0.5	66	195	< 1	3	15	33	0.54	< 2	< 10	114	< 0.5	< 2	0.28	8	12	1.75	< 10	< 1	0.28	22
A1007007	290	0.8	< 0.5	23	309	< 1	5	13	70	0.96	< 2	< 10	118	< 0.5	< 2	0.30	5	14	2.07	< 10	< 1	0.56	15
A1007008	5	0.6	< 0.5	7	195	2	13	< 2	13	0.42	< 2	< 10	44	< 0.5	< 2	0.51	2	47	1.29	< 10	< 1	0.19	< 10
A1007009	17	0.6	< 0.5	59	416	2	32	< 2	32	1.23	< 2	< 10	44	< 0.5	< 2	1.02	13	63	2.68	< 10	< 1	0.22	< 10
A1007010	97	0.7	< 0.5	99	709	1	27	8	168	4.01	< 2	< 10	144	< 0.5	< 2	1.62	8	30	5.08	10	< 1	1.00	13
A1007011	149	1.3	0.9	507	825	< 1	28	13	124	5.41	< 2	< 10	141	< 0.5	< 2	1.83	15	34	6.64	20	1	0.93	17
A683547	5	1.0	1.7	62	869	< 1	48	4	396	4.75	3	< 10	216	< 0.5	< 2	1.76	23	42	6.04	10	< 1	1.19	15
A683548	21	1.6	14.9	147	813	< 1	43	2	2500	3.55	< 2	< 10	65	< 0.5	< 2	0.89	31	35	7.40	10	< 1	1.54	14
A683549	88	1.0	< 0.5	54	831	< 1	72	4	144	5.09	< 2	< 10	268	< 0.5	< 2	1.76	25	91	5.61	10	< 1	1.88	14
A683550	7	1.2	12.5	72	796	< 1	41	3	1360	3.94	< 2	< 10	121	< 0.5	< 2	1.41	23	38	6.06	10	< 1	1.33	13
A683551	9	1.3	15.9	64	974	< 1	62	27	2090	3.59	< 2	11	107	< 0.5	< 2	1.09	22	85	6.30	10	< 1	1.20	12

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
A683552	28	2.5	17.2	103	998	< 1	77	51	3340	3.60	< 2	< 10	55	< 0.5	< 2	0.84	28	176	8.12	10	< 1	1.22	10
A683553	< 5	0.5	< 0.5	4	205	< 1	6	< 2	58	0.95	< 2	< 10	215	< 0.5	< 2	0.20	5	21	1.93	< 10	< 1	0.50	< 10
A683554	< 5	0.5	< 0.5	13	301	< 1	26	< 2	39	1.12	< 2	< 10	204	< 0.5	< 2	0.53	8	29	2.33	< 10	< 1	0.52	10
A683555	< 5	0.6	< 0.5	5	422	< 1	25	< 2	59	1.70	< 2	< 10	451	< 0.5	< 2	0.61	10	29	3.46	< 10	< 1	1.03	34
A683556	< 5	0.7	< 0.5	18	267	< 1	22	3	24	1.08	< 2	< 10	48	< 0.5	< 2	0.67	9	70	1.91	< 10	< 1	0.14	< 10
A683557	< 5	0.6	< 0.5	18	180	1	< 1	4	28	0.89	< 2	< 10	250	< 0.5	< 2	0.21	4	13	2.99	< 10	< 1	0.45	48
A683558	< 5	0.5	< 0.5	4	236	< 1	3	4	26	0.80	< 2	< 10	67	< 0.5	< 2	0.66	3	14	1.45	< 10	< 1	0.22	12
A683559	< 5	0.5	< 0.5	37	471	< 1	9	7	76	1.80	< 2	< 10	435	< 0.5	< 2	0.50	11	10	4.84	10	< 1	1.13	118
A683560	9	0.5	< 0.5	52	200	< 1	4	5	27	0.89	< 2	< 10	152	< 0.5	< 2	0.52	6	13	1.94	< 10	< 1	0.31	43
A683561	< 5	0.5	< 0.5	49	293	< 1	5	4	42	1.33	< 2	< 10	534	< 0.5	< 2	0.38	8	21	3.01	< 10	< 1	0.79	51
B554862	< 5	0.7	< 0.5	211	609	< 1	57	4	82	2.30	< 2	< 10	46	< 0.5	< 2	1.26	29	94	4.82	10	< 1	0.14	19
B554863	6	0.7	< 0.5	49	605	2	50	< 2	80	2.38	< 2	< 10	105	< 0.5	< 2	0.31	27	77	6.43	10	< 1	0.90	14
B554864	8	0.7	< 0.5	9	368	< 1	32	5	64	1.47	< 2	< 10	38	0.6	< 2	0.78	24	18	6.86	< 10	< 1	0.35	14
B554865	< 5	0.8	< 0.5	10	285	1	14	2	21	0.51	< 2	< 10	42	< 0.5	< 2	1.27	5	29	1.75	< 10	< 1	0.06	< 10
B554866	128	1.2	< 0.5	72	242	3	12	< 2	18	1.11	< 2	< 10	69	< 0.5	< 2	0.75	6	57	9.89	< 10	< 1	0.23	11
A1007100	456	2.4	4.8	179	1310	2	44	161	703	1.77	8	< 10	20	< 0.5	< 2	0.74	15	43	12.5	< 10	< 1	0.06	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
A1007065	1.72	0.072	0.081	1.90	4	9	10	0.21	< 20	5	< 2	< 10	86	< 10	7	19	
A1007066	1.49	0.089	0.067	1.43	3	6	9	0.17	< 20	< 1	< 2	< 10	62	15	5	14	
A1007067	1.17	0.100	0.059	3.38	4	4	8	0.11	< 20	4	< 2	< 10	35	< 10	4	12	
A1007068	1.33	0.113	0.078	2.67	3	5	13	0.15	< 20	6	< 2	< 10	51	< 10	6	13	
A1007069	2.26	0.076	0.035	0.45	2	6	31	0.30	< 20	5	< 2	< 10	134	< 10	10	17	
A1007070	1.38	0.084	0.075	2.28	4	6	10	0.17	< 20	3	< 2	< 10	58	< 10	6	14	
A1007071	1.62	0.110	0.086	0.64	< 2	8	16	0.22	< 20	4	< 2	< 10	76	< 10	8	14	
A1007072	1.23	0.015	0.005	< 0.01	< 2	< 1	57	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	1	< 1	
A1007073	2.64	0.080	0.107	0.29	6	9	14	0.18	< 20	5	< 2	< 10	96	< 10	9	16	
A1007074	2.90	0.056	0.149	0.01	5	4	7	0.05	< 20	< 1	< 2	< 10	54	14	6	7	
A1007075	2.13	0.087	0.095	0.73	4	10	13	0.25	< 20	2	< 2	< 10	93	< 10	8	16	
A1007076	1.75	0.092	0.098	1.20	4	9	13	0.22	< 20	2	< 2	< 10	84	< 10	8	16	
A1007077	2.11	0.102	0.087	0.18	3	14	14	0.28	< 20	3	< 2	< 10	116	< 10	10	26	
A1007078	1.68	0.080	0.080	1.47	< 2	10	10	0.22	< 20	6	< 2	< 10	87	< 10	9	16	
A1007079	0.04	0.071	0.016	1.78	110	< 1	37	0.02	< 20	38	< 2	< 10	6	< 10	5	42	128
A1007080	2.01	0.089	0.089	0.58	4	9	12	0.25	< 20	3	< 2	< 10	95	< 10	7	15	
A1007081	1.74	0.078	0.081	2.04	4	6	10	0.18	< 20	1	< 2	< 10	64	< 10	7	13	
A1007082	1.57	0.084	0.093	1.18	3	6	10	0.18	< 20	< 1	< 2	< 10	64	23	7	13	
A1007083	0.94	0.019	0.006	0.01	< 2	< 1	56	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	< 1	
A1007084	1.64	0.097	0.082	1.00	2	8	10	0.18	< 20	2	< 2	< 10	71	< 10	7	17	
A1007085	1.49	0.114	0.096	1.69	3	6	11	0.18	< 20	< 1	< 2	< 10	64	< 10	8	16	
A1007086	1.57	0.131	0.087	1.85	3	7	14	0.19	< 20	2	< 2	< 10	67	< 10	7	18	
A1007087	1.93	0.100	0.094	0.39	3	9	14	0.21	< 20	4	< 2	< 10	84	< 10	9	18	
A1007088	1.65	0.113	0.091	1.28	4	8	15	0.22	< 20	< 1	< 2	< 10	76	< 10	7	17	
A1007089	1.75	0.106	0.076	1.86	4	8	14	0.22	< 20	< 1	< 2	< 10	80	< 10	7	19	
A1007090	0.75	0.090	0.070	0.98	< 2	3	13	0.15	< 20	< 1	< 2	< 10	35	< 10	7	45	
A1007091	0.47	0.142	0.072	0.75	< 2	2	15	0.15	< 20	2	< 2	< 10	27	< 10	7	43	
A1007092	1.27	0.085	0.042	4.25	4	6	21	0.16	< 20	3	< 2	< 10	54	15	7	14	
A1007093	1.10	0.069	0.046	0.84	2	5	13	0.15	< 20	1	< 2	< 10	51	< 10	5	11	
A1007094	1.73	0.075	0.081	0.90	2	7	21	0.21	< 20	< 1	< 2	< 10	76	< 10	6	19	
A1007095	1.11	0.132	0.048	2.90	4	5	31	0.16	< 20	1	< 2	< 10	50	25	8	13	
A1007096	1.42	0.141	0.067	0.77	< 2	7	23	0.18	< 20	< 1	< 2	< 10	69	28	8	15	
A1007097	1.23	0.116	0.052	2.33	4	5	14	0.14	< 20	5	< 2	< 10	48	< 10	6	16	
A1007098	1.73	0.084	0.073	0.24	< 2	11	23	0.26	< 20	1	< 2	< 10	110	< 10	14	13	
A1007099	1.13	0.096	0.061	5.01	5	3	22	0.11	< 20	3	< 2	< 10	31	< 10	5	16	
A1007001	1.13	0.120	0.049	3.17	4	5	20	0.13	< 20	< 1	< 2	< 10	46	< 10	7	14	
A1007002	0.42	0.079	0.022	7.17	6	2	16	0.04	< 20	< 1	< 2	< 10	17	18	5	12	
A1007003	0.04	0.070	0.016	1.74	106	< 1	37	0.02	< 20	37	< 2	< 10	6	< 10	5	41	115
A1007004	0.86	0.049	0.035	5.30	6	3	12	0.09	< 20	< 1	< 2	< 10	37	< 10	5	13	
A1007005	0.39	0.089	0.036	0.20	< 2	1	10	0.12	< 20	6	< 2	< 10	18	< 10	3	4	
A1007006	0.18	0.075	0.056	0.47	< 2	< 1	10	0.07	< 20	5	< 2	< 10	9	< 10	3	5	
A1007007	0.45	0.093	0.042	0.11	< 2	2	10	0.12	< 20	< 1	< 2	< 10	21	< 10	3	4	
A1007008	0.26	0.049	0.008	< 0.01	< 2	1	6	0.02	< 20	< 1	< 2	< 10	9	< 10	2	2	
A1007009	1.03	0.163	0.017	0.05	< 2	8	20	0.18	< 20	2	< 2	< 10	62	< 10	10	5	
A1007010	1.45	0.144	0.070	0.04	< 2	9	19	0.19	< 20	< 1	< 2	< 10	86	< 10	17	11	
A1007011	1.94	0.218	0.068	0.14	2	13	35	0.17	< 20	< 1	< 2	< 10	114	< 10	17	8	
A683547	1.82	0.332	0.090	0.64	2	5	54	0.18	< 20	< 1	< 2	< 10	103	< 10	9	5	
A683548	1.55	0.169	0.103	1.92	2	6	23	0.20	< 20	2	< 2	< 10	89	< 10	9	7	
A683549	1.93	0.412	0.076	0.53	< 2	7	59	0.21	< 20	1	< 2	< 10	112	< 10	9	5	
A683550	1.45	0.240	0.090	1.02	< 2	5	39	0.19	< 20	< 1	< 2	< 10	91	< 10	8	5	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
A683551	1.94	0.107	0.094	1.33	< 2	5	24	0.18	< 20	< 1	< 2	< 10	78	< 10	7	3	
A683552	1.91	0.098	0.076	2.38	4	6	23	0.18	< 20	5	< 2	< 10	75	< 10	6	3	
A683553	0.40	0.123	0.022	0.02	< 2	2	14	0.11	< 20	2	< 2	< 10	23	< 10	1	10	
A683554	0.69	0.136	0.030	< 0.01	< 2	3	21	0.15	< 20	< 1	< 2	< 10	39	< 10	3	4	
A683555	1.00	0.108	0.073	< 0.01	< 2	2	31	0.23	< 20	5	< 2	< 10	39	< 10	7	4	
A683556	0.79	0.090	0.010	< 0.01	< 2	3	13	0.08	< 20	< 1	< 2	< 10	34	< 10	3	5	
A683557	0.33	0.116	0.026	0.05	< 2	< 1	21	0.11	20	2	< 2	< 10	18	< 10	4	11	
A683558	0.37	0.112	0.011	< 0.01	< 2	3	14	0.05	< 20	1	< 2	< 10	21	< 10	3	2	
A683559	1.05	0.096	0.066	0.03	< 2	5	36	0.27	30	< 1	< 2	< 10	46	< 10	12	6	
A683560	0.35	0.105	0.049	0.09	< 2	< 1	26	0.12	< 20	1	< 2	< 10	20	< 10	3	5	
A683561	0.63	0.132	0.065	0.08	< 2	2	19	0.20	< 20	< 1	< 2	< 10	32	< 10	3	7	
B554862	1.70	0.146	0.102	0.45	< 2	8	14	0.14	< 20	< 1	< 2	< 10	44	< 10	15	3	
B554863	1.59	0.083	0.082	1.42	< 2	10	10	0.21	< 20	< 1	< 2	< 10	97	< 10	12	25	
B554864	1.18	0.058	0.087	4.16	2	5	25	0.22	< 20	2	< 2	< 10	53	< 10	12	85	
B554865	0.45	0.063	0.033	0.49	< 2	1	20	0.06	< 20	< 1	< 2	< 10	13	< 10	4	26	
B554866	0.55	0.095	0.092	1.37	4	2	10	0.07	< 20	3	< 2	< 10	26	< 10	4	10	
A1007100	0.91	0.050	0.041	5.81	4	3	16	0.08	< 20	1	< 2	< 10	33	< 10	5	12	

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
PTM-1a Meas																							
PTM-1a Cert																							
GXR-6 Meas		1.0	< 0.5	67	1020	1	22	92	122	6.98	250	< 10	929	0.9	< 2	0.15	12	75	5.65	20	< 1	1.09	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 134b (AQUA REGIA) Meas		> 100	564	1340				> 5000	> 10000		226						89		11.7				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
OREAS 134b (AQUA REGIA) Meas		> 100	542	1250				> 5000	> 10000		213						84		11.0				
OREAS 134b (AQUA REGIA) Cert		204	563	1360				133000	177000		221						110		12.25				
MP-1b Meas																							
MP-1b Cert																							
OREAS 133a (Aqua Regia) Meas		96.6	289	324				> 5000	> 10000		140		19				21		7.60				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
OREAS 133a (Aqua Regia) Meas		91.9	281	322				> 5000	> 10000		133		18				20		7.19				
OREAS 133a (Aqua Regia) Cert		97	297	324				48600.00	106000.00		140		59				23		7.92				
CZN-4 Meas																							
CZN-4 Cert																							
OREAS 922 (AQUA REGIA) Meas		1.9	< 0.5	2330	787	< 1	33	66	270	2.81	4		74	0.7	7	0.35	18	44	5.52	< 10		0.42	34
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		3.2	< 0.5	4590	914	< 1	31	84	352	2.94	5		60	0.6	15	0.36	21	41	6.32	< 10		0.36	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		2.2	< 0.5	4310	877	< 1	30	86	352	2.81	4		62	0.6	15	0.35	20	40	5.94	< 10		0.35	30
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		2.0	< 0.5	6520	357	5	3	33	147	1.08	38		232	1.0	18	0.27	42	8	8.45	20		0.33	37
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
CCU-1e Meas																							
CCU-1e Cert																							
OREAS 218 Meas	519																						
OREAS 218 Cert	531																						
OREAS 218 Meas	525																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 218 Cert	531																						
Oreas 621 (Aqua Regia) Meas		70.5	277	3700	550	13	24	> 5000	> 10000	1.67	82			0.5	< 2	1.58	27	30	3.57	< 10	4	0.34	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		69.2	280	3610	539	12	23	> 5000	> 10000	1.66	77			0.5	< 2	1.55	26	29	3.48	10	3	0.33	18
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas E1336 (Fire Assay) Meas	524																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	504																						
Oreas E1336 (Fire Assay) Cert	510																						
A1007067 Orig		1.4	0.5	98	794	2	60	< 2	45	1.93	2	< 10	45	< 0.5	< 2	1.03	15	90	9.02	< 10	< 1	0.25	< 10
A1007067 Dup		1.3	< 0.5	100	802	2	62	< 2	45	1.95	3	< 10	46	< 0.5	< 2	1.04	16	91	9.17	< 10	< 1	0.26	< 10
A1007074 Orig	8																						
A1007074 Dup	7																						
A1007080 Orig		0.8	< 0.5	21	568	1	121	9	91	3.21	13	< 10	253	< 0.5	< 2	0.51	20	242	7.29	20	< 1	1.17	23
A1007080 Dup		0.8	< 0.5	17	567	1	121	9	85	3.19	8	< 10	267	< 0.5	< 2	0.51	19	242	7.24	20	< 1	1.16	23
A1007083 Orig		0.9	< 0.5	< 1	106	< 1	< 1	< 2	3	0.03	< 2	< 10	16	< 0.5	< 2	> 10.0	< 1	3	0.12	< 10	< 1	< 0.01	< 10
A1007083 Dup		0.8	< 0.5	< 1	103	< 1	< 1	< 2	2	0.03	< 2	< 10	16	< 0.5	< 2	> 10.0	< 1	3	0.11	< 10	< 1	< 0.01	< 10
A1007084 Orig	6																						
A1007084 Dup	7																						
A1007094 Orig	32																						
A1007094 Dup	29																						
A1007096 Orig		0.9	< 0.5	17	1270	1	60	6	61	2.63	4	< 10	97	< 0.5	< 2	1.27	15	106	7.01	10	< 1	0.34	16
A1007096 Dup		0.8	< 0.5	18	1220	1	56	4	59	2.51	3	< 10	94	< 0.5	< 2	1.22	14	103	6.79	10	< 1	0.32	16
A1007009 Orig		0.6	< 0.5	58	405	2	32	< 2	31	1.20	< 2	< 10	43	< 0.5	< 2	0.99	12	62	2.60	< 10	< 1	0.22	< 10
A1007009 Dup		0.5	< 0.5	60	428	3	32	< 2	32	1.27	< 2	< 10	44	< 0.5	< 2	1.05	13	65	2.76	< 10	< 1	0.22	< 10
A1007010 Orig	91																						
A1007010 Dup	102																						
A683550 Orig	7	1.2	12.5	72	796	< 1	41	3	1360	3.94	< 2	< 10	121	< 0.5	< 2	1.41	23	38	6.06	10	< 1	1.33	13
A683550 Split PREP DUP	7	1.2	13.1	75	828	< 1	44	8	1390	4.08	< 2	< 10	135	< 0.5	< 2	1.46	24	40	6.11	10	< 1	1.38	13
A683555 Orig	< 5																						
A683555 Dup	< 5																						
A683557 Orig		0.6	< 0.5	18	180	1	< 1	4	28	0.90	< 2	< 10	249	< 0.5	< 2	0.21	4	13	2.99	< 10	< 1	0.46	48
A683557 Dup		0.6	< 0.5	18	179	1	2	4	29	0.89	< 2	< 10	251	< 0.5	< 2	0.21	4	13	2.98	< 10	< 1	0.45	49
B554865 Orig	5																						
B554865 Dup	< 5																						
Method Blank		1.4	< 0.5	< 1	< 5	< 1	< 1	< 2	6	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank																							

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
PTM-1a Meas																	130
PTM-1a Cert																	135
GXR-6 Meas	0.35	0.091	0.033	0.02	5	19	34		< 20	2	< 2	< 10	158	< 10	5	14	
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
OREAS 134b (AQUA REGIA) Meas				17.6													201
OREAS 134b (AQUA REGIA) Cert				19.31													204
OREAS 134b (AQUA REGIA) Meas				16.8													
OREAS 134b (AQUA REGIA) Cert				19.31													
MP-1b Meas																	48
MP-1b Cert																	47
OREAS 133a (Aqua Regia) Meas				12.0	137												
OREAS 133a (Aqua Regia) Cert				10.7	147												
OREAS 133a (Aqua Regia) Meas				10.8	134												
OREAS 133a (Aqua Regia) Cert				10.7	147												
CZN-4 Meas																	50
CZN-4 Cert																	51
OREAS 922 (AQUA REGIA) Meas	1.33	0.029	0.065	0.39	2	3	16		< 20		< 2	< 10	31	< 10	17	30	
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 923 (AQUA REGIA) Meas	1.47		0.063	0.68	3	3	14		< 20		< 2	< 10	32	< 10	15	31	
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas	1.39		0.060	0.69	3	3	14		< 20		< 2	< 10	30	< 10	15	32	
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 907 (Aqua Regia) Meas	0.22	0.105	0.025	0.07	6	2	13	0.02	< 20	1	< 2	< 10	7	< 10	7	51	
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7	
CCU-1e Meas																	209
CCU-1e Cert																	205
OREAS 218 Meas																	
OREAS 218 Cert																	
OREAS 218 Meas																	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
OREAS 218 Cert																	
Oreas 621 (Aqua Regia) Meas	0.43	0.177	0.034	4.40	126	2	18		< 20		< 2	< 10	11	< 10	7	63	
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.42	0.180	0.033	4.40	127	2	17		< 20		< 2	< 10	11	< 10	7	66	
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
A1007067 Orig	1.16	0.099	0.059	3.34	5	4	8	0.11	< 20	4	< 2	< 10	35	< 10	4	12	
A1007067 Dup	1.18	0.100	0.060	3.42	4	4	8	0.11	< 20	4	< 2	< 10	35	< 10	4	12	
A1007074 Orig																	
A1007074 Dup																	
A1007080 Orig	2.02	0.088	0.089	0.58	3	9	12	0.25	< 20	4	< 2	< 10	96	< 10	7	15	
A1007080 Dup	2.01	0.091	0.088	0.58	4	9	12	0.25	< 20	2	< 2	< 10	94	< 10	7	15	
A1007083 Orig	0.96	0.020	0.006	0.02	< 2	< 1	56	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	< 1	
A1007083 Dup	0.93	0.019	0.007	0.01	< 2	< 1	55	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	2	< 1	
A1007084 Orig																	
A1007084 Dup																	
A1007094 Orig																	
A1007094 Dup																	
A1007096 Orig	1.44	0.145	0.068	0.79	< 2	7	24	0.19	< 20	< 1	< 2	< 10	70	28	9	15	
A1007096 Dup	1.39	0.137	0.067	0.76	2	7	22	0.18	< 20	3	< 2	< 10	67	28	8	15	
A1007009 Orig	1.00	0.159	0.017	0.05	< 2	8	20	0.17	< 20	1	< 2	< 10	60	< 10	9	5	
A1007009 Dup	1.06	0.166	0.018	0.05	< 2	8	21	0.18	< 20	2	< 2	< 10	64	< 10	10	5	
A1007010 Orig																	
A1007010 Dup																	
A683550 Orig	1.45	0.240	0.090	1.02	< 2	5	39	0.19	< 20	< 1	< 2	< 10	91	< 10	8	5	
A683550 Split PREP DUP	1.49	0.252	0.093	1.06	< 2	6	40	0.20	< 20	< 1	< 2	< 10	93	< 10	9	5	
A683555 Orig																	
A683555 Dup																	
A683557 Orig	0.33	0.118	0.026	0.05	< 2	< 1	21	0.11	20	2	< 2	< 10	18	< 10	4	11	
A683557 Dup	0.33	0.114	0.027	0.05	< 2	< 1	21	0.12	20	1	< 2	< 10	18	< 10	4	11	
B554865 Orig																	
B554865 Dup																	
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	< 3

Report No.: **A20-11637-ReAssay**
Report Date: **03-Nov-20**
Date Submitted: **24-Sep-20**
Your Reference: **Sakami**

Laurentia Exploration
3434 rue des generateurs
Sanguenay Quebec G7X0M1
Canada

ATTN: Hugues Guerin Tremblay

CERTIFICATE OF ANALYSIS

67 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	2020-10-31 11:13:02

REPORT **A20-11637-ReAssay**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A1007065	39
A1007066	210
A1007067	375
A1007068	42
A1007069	8560
A1007070	123
A1007071	20
A1007072	< 5
A1007073	5
A1007074	10
A1007075	< 5
A1007076	13
A1007077	< 5
A1007078	70
A1007079	2290
A1007080	19
A1007081	54
A1007082	12
A1007083	< 5
A1007084	6
A1007085	89
A1007086	29
A1007087	< 5
A1007088	61
A1007089	5
A1007090	428
A1007091	209
A1007092	1040
A1007093	200
A1007094	29
A1007095	1190
A1007096	176
A1007097	256
A1007098	22
A1007099	557
A1007001	159
A1007002	1170
A1007003	2340
A1007004	2730
A1007005	1650
A1007006	2920
A1007007	259
A1007008	< 5
A1007009	12
A1007010	88
A1007011	149
A683547	< 5
A683548	22
A683549	84
A683550	7
A683551	13

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A683552	28
A683553	< 5
A683554	< 5
A683555	< 5
A683556	6
A683557	6
A683558	< 5
A683559	9
A683560	17
A683561	6
B554862	< 5
B554863	7
B554864	9
B554865	< 5
B554866	178
A1007100	269

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 218 Meas	511
OREAS 218 Cert	531
OREAS 218 Meas	526
OREAS 218 Cert	531
OREAS 218 Meas	535
OREAS 218 Cert	531
Oreas E1336 (Fire Assay) Meas	498
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	529
Oreas E1336 (Fire Assay) Cert	510
Oreas E1336 (Fire Assay) Meas	513
Oreas E1336 (Fire Assay) Cert	510
A1007074 Orig	10
A1007074 Dup	10
A1007084 Orig	6
A1007084 Dup	6
A1007094 Orig	30
A1007094 Dup	27
A1007010 Orig	88
A1007010 Dup	87
A683550 Orig	7
A683550 Split PREP DUP	6
A683555 Orig	< 5
A683555 Dup	< 5
B554865 Orig	< 5
B554865 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-13639**
Report Date: **07-Dec-20**
Date Submitted: **13-Oct-20**
Your Reference: **Sakami**

Laurentia Exploration
3434 rue des generateurs
Sanguenay Quebec G7X0M1
Canada

ATTN: Hugues Guerin Tremblay

CERTIFICATE OF ANALYSIS

13 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	2020-11-14 14:01:41

REPORT **A20-13639**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-13639**
Report Date: **07-Dec-20**
Date Submitted: **13-Oct-20**
Your Reference: **Sakami**

Laurentia Exploration
3434 rue des generateurs
Sanguenay Quebec G7X0M1
Canada

ATTN: Hugues Guerin Tremblay

CERTIFICATE OF ANALYSIS

13 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3	QOP AquaGeo (Aqua Regia ICPOES)	2020-11-25 16:10:43
8-AR Ag	QOP Assay (Code 8-Assays)	2020-12-03 14:13:18

REPORT **A20-13639**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
B554867	12	< 0.2	< 0.5	12	242	< 1	16	3	24	1.06	< 2	< 10	22	< 0.5	< 2	1.53	10	35	2.02	< 10	< 1	0.09	< 10
B554868	< 5	< 0.2	< 0.5	28	317	< 1	26	3	49	1.14	< 2	< 10	127	< 0.5	< 2	0.85	10	32	2.24	< 10	< 1	0.37	11
B554869	< 5	< 0.2	< 0.5	48	259	< 1	1	11	12	0.33	< 2	< 10	73	< 0.5	< 2	0.07	1	10	1.43	< 10	< 1	0.17	< 10
B554870	< 5	0.4	< 0.5	958	354	3	159	< 2	41	1.37	< 2	< 10	14	< 0.5	< 2	1.50	73	61	5.25	< 10	< 1	0.09	< 10
B554871	< 5	< 0.2	< 0.5	< 1	104	< 1	< 1	< 2	< 2	0.02	< 2	< 10	14	< 0.5	< 2	> 10.0	< 1	1	0.16	< 10	< 1	< 0.01	< 10
B554872	< 5	0.6	< 0.5	1320	219	10	193	3	26	0.85	< 2	< 10	14	< 0.5	< 2	0.90	77	58	6.03	< 10	< 1	0.07	< 10
B554873	< 5	< 0.2	< 0.5	370	618	< 1	75	< 2	60	1.78	< 2	< 10	20	< 0.5	< 2	1.75	37	167	5.55	< 10	< 1	0.10	< 10
B554874	< 5	0.6	< 0.5	1360	322	9	246	2	48	1.31	< 2	< 10	10	< 0.5	< 2	1.38	106	73	7.15	< 10	< 1	0.08	< 10
B554875	< 5	0.4	< 0.5	316	378	1	32	3	27	1.08	< 2	< 10	51	< 0.5	< 2	0.80	22	68	4.29	< 10	< 1	0.19	< 10
B554876	491	7.7	< 0.5	4450	172	2	12	4	33	0.67	< 2	< 10	59	< 0.5	3	0.56	16	14	2.26	< 10	< 1	0.04	< 10
B554877	7	0.3	< 0.5	196	416	2	24	9	58	1.13	< 2	< 10	63	< 0.5	< 2	0.78	14	48	2.94	< 10	< 1	0.25	< 10
B554878	< 5	0.4	< 0.5	133	156	8	8	7	36	0.85	< 2	< 10	21	< 0.5	< 2	1.01	8	15	1.33	< 10	< 1	0.08	11
B554879	2330	> 100	4.3	5250	185	8	13	408	799	0.74	940	< 10	12	< 0.5	57	0.47	6	36	2.37	< 10	< 1	0.23	15

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
B554867	0.55	0.075	0.021	0.04	< 2	5	161	0.13	< 20	< 1	< 2	< 10	42	< 10	4	4	
B554868	0.77	0.087	0.034	0.04	< 2	3	26	0.10	< 20	< 1	< 2	< 10	42	< 10	4	4	
B554869	0.05	0.098	0.005	< 0.01	< 2	< 1	8	0.02	< 20	< 1	< 2	< 10	4	< 10	2	10	
B554870	0.90	0.177	0.056	2.24	< 2	7	11	0.16	< 20	3	< 2	< 10	75	< 10	4	4	
B554871	1.07	0.014	0.005	< 0.01	< 2	< 1	55	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	1	< 1	
B554872	0.52	0.094	0.055	2.87	< 2	3	9	0.07	< 20	< 1	< 2	< 10	33	< 10	2	4	
B554873	1.56	0.236	0.040	0.74	3	9	8	0.18	< 20	2	< 2	< 10	89	< 10	4	3	
B554874	0.84	0.150	0.044	3.78	< 2	6	10	0.16	< 20	< 1	< 2	< 10	65	< 10	4	5	
B554875	0.57	0.151	0.008	0.58	< 2	4	15	0.12	< 20	2	< 2	< 10	45	< 10	2	10	
B554876	0.44	0.069	0.004	0.51	< 2	4	6	0.08	< 20	2	< 2	< 10	67	< 10	< 1	2	
B554877	0.89	0.067	0.030	0.11	< 2	6	13	0.18	< 20	< 1	< 2	< 10	40	< 10	7	8	
B554878	0.42	0.064	0.010	0.08	< 2	3	28	0.08	< 20	< 1	< 2	< 10	18	< 10	6	20	
B554879	0.04	0.060	0.016	1.56	82	1	39	0.02	< 20	31	< 2	< 10	6	< 10	5	40	122

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-4 Meas																							
GXR-4 Cert																							
PTM-1a Meas																							
PTM-1a Cert																							
OREAS 134b (AQUA REGIA) Meas																							
OREAS 134b (AQUA REGIA) Cert																							
MP-1b Meas																							
MP-1b Cert																							
OREAS 98 (Aqua Regia) Meas																							
OREAS 98 (Aqua Regia) Cert																							
CZN-4 Meas																							
CZN-4 Cert																							
OREAS 922 (AQUA REGIA) Meas		0.7	< 0.5	2340	790	< 1	35	58	269	2.79	8		78	0.8	7	0.43	21	44	5.22	< 10		0.46	37
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.3	< 0.5	4350	867	< 1	31	82	336	2.64	7		57	0.7	20	0.41	23	39	5.77	< 10		0.36	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
PTC-1b Meas																							
PTC-1b Cert																							
OREAS 218 Meas	541																						
OREAS 218 Cert	531																						
Oreas 621 (Aqua Regia) Meas		66.2	273	3600	534	13	26	> 5000	> 10000	1.58	77			0.6	3	1.59	28	31	3.40	10	4	0.33	17
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
OREAS 263 (Aqua Regia) Meas		< 0.2	< 0.5	89	535	< 1	77	35	132	1.80	33		186	1.4	< 2	1.09	31	55	3.86	< 10	< 1	0.40	
OREAS 263 (Aqua Regia) Cert		0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288	
Oreas E1336 (Fire Assay) Meas	513																						
Oreas E1336 (Fire Assay) Cert	510																						
B554872 Orig	< 5																						
B554872 Dup	< 5																						
B554875 Orig		0.4	< 0.5	313	376	1	32	3	27	1.08	< 2	< 10	51	< 0.5	< 2	0.80	22	68	4.28	< 10	< 1	0.19	< 10
B554875 Dup		0.4	< 0.5	319	379	1	32	3	27	1.09	< 2	< 10	52	< 0.5	< 2	0.81	23	68	4.31	< 10	< 1	0.19	< 10
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank																							

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ag
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	3
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
GXR-4 Meas																	< 3
GXR-4 Cert																	4
PTM-1a Meas																	137
PTM-1a Cert																	135
OREAS 134b (AQUA REGIA) Meas																	208
OREAS 134b (AQUA REGIA) Cert																	204
MP-1b Meas																	48
MP-1b Cert																	47
OREAS 98 (Aqua Regia) Meas																	45
OREAS 98 (Aqua Regia) Cert																	42.8
CZN-4 Meas																	52
CZN-4 Cert																	51
OREAS 922 (AQUA REGIA) Meas	1.31	0.027	0.064	0.37	< 2	4	17		< 20		< 2	< 10	34	< 10	20	7	
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 923 (AQUA REGIA) Meas	1.35		0.059	0.66	2	3	15		< 20		< 2	< 10	32	< 10	17	9	
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
PTC-1b Meas																	53
PTC-1b Cert																	53
OREAS 218 Meas																	
OREAS 218 Cert																	
Oreas 621 (Aqua Regia) Meas	0.40	0.174	0.031	4.45	104	2	17		< 20		< 2	< 10	11	< 10	7	44	
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
OREAS 263 (Aqua Regia) Meas	0.59	0.090	0.043	0.12	7	4	19		< 20	< 1	< 2	< 10	27		12		< 3
OREAS 263 (Aqua Regia) Cert	0.593	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0		0.285
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
B554872 Orig																	
B554872 Dup																	
B554875 Orig	0.56	0.150	0.008	0.58	< 2	4	15	0.12	< 20	2	< 2	< 10	44	< 10	2	10	
B554875 Dup	0.57	0.152	0.008	0.58	< 2	4	15	0.13	< 20	2	< 2	< 10	45	< 10	2	11	
Method Blank																	
Method Blank																	
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																	< 3

Report No.: **A20-09740-Litho**
Report Date: **14-Jan-21**
Date Submitted: **20-Aug-20**
Your Reference: **Sakami**

Laurentia Exploration
3434 rue des generateurs
Sanguenay Quebec G7X0M1
Canada

ATTN: Hugues Guerin Tremblay

CERTIFICATE OF ANALYSIS

27 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
4LITHO (1-10)	QOP WRA/ QOP WRA 4B2 (/Major/Trace Elements Fusion ICPOES/ICPMS)	2021-01-05 16:04:39

REPORT **A20-09740-Litho**

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Notes:

We recommend using option 4B1 for accurate levels of the base metals Cu, Pb, Zn, Ni and Ag. Option 4B-INAA for As, Sb, high W >100ppm, Cr >1000ppm and Sn >50ppm by Code 5D. Values for these elements provided by Fusion ICP/MS, are order of magnitude only and are provided for general information. Mineralized samples should have the Quant option selected or request assays for values which exceed the range of option 4B1. Total includes all elements in % oxide to the left of total.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Total	Sc	Be	V	Ba	Sr	Y	Zr	Cr	Co	Ni	Cu	Zn
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	1	1	5	2	2	1	2	20	1	20	10	30
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
B554733	64.94	16.15	8.79	0.040	1.08	0.58	1.43	2.25	0.910	0.24	100.4	18	< 1	125	260	210	11	154	50	13	20	50	50
B554738	58.36	17.43	8.86	0.050	1.17	4.47	3.74	0.58	0.900	0.17	100.5	20	1	167	310	320	6	129	70	17	50	20	40
B554740	67.15	11.89	8.93	0.090	1.11	2.67	2.56	0.58	0.820	0.22	100.7	12	< 1	75	253	204	10	162	50	9	20	20	60
B554743	57.23	18.58	8.64	0.110	1.77	4.43	2.88	1.26	1.100	0.25	100.6	23	1	179	343	295	10	171	100	11	50	10	70

Analyte Symbol	Ga	Ge	As	Rb	Nb	Mo	Ag	In	Sn	Sb	Cs	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	1	5	2	1	2	0.5	0.2	1	0.5	0.5	0.1	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.05
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
B554733	17	< 1	< 5	44	7	< 2	0.6	< 0.2	2	< 0.5	0.7	16.8	23.8	2.14	7.4	1.4	0.40	1.2	0.2	1.6	0.4	1.4	0.26
B554738	18	< 1	< 5	15	5	< 2	< 0.5	< 0.2	1	0.5	< 0.5	7.0	14.7	1.79	7.0	1.5	0.43	1.2	0.2	1.1	0.2	0.8	0.14
B554740	14	< 1	< 5	16	6	< 2	0.5	< 0.2	1	< 0.5	< 0.5	6.2	12.2	1.44	5.6	1.2	0.42	1.1	0.2	1.5	0.4	1.3	0.25
B554743	21	< 1	< 5	32	8	2	0.5	< 0.2	1	< 0.5	0.8	12.9	22.5	2.46	9.0	1.9	0.56	1.5	0.3	1.7	0.4	1.3	0.22

Analyte Symbol	Yb	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U	LOI
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.1	0.01	0.2	0.1	1	0.1	5	0.4	0.1	0.1	
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	GRAV
B554733	1.9	0.32	3.7	0.6	< 1	0.3	8	< 0.4	3.9	0.9	4.01
B554738	1.1	0.23	3.1	0.4	4	0.1	5	< 0.4	3.0	0.6	4.80
B554740	2.0	0.34	3.7	0.6	< 1	0.1	< 5	< 0.4	3.7	0.7	4.71
B554743	1.7	0.34	4.1	0.6	1	0.2	6	< 0.4	3.4	0.7	4.29

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Sc	Be	V	Ba	Sr	Y	Zr	Cr	Co	Ni	Cu	Zn	Ga
Unit Symbol	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	1	1	5	2	2	1	2	20	1	20	10	30	1
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas	11.28	1.86	0.72	0.013	0.32	42.58	0.86	0.55	0.116	30.27			1663										
NIST 694 Cert	11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2			1740										
DNC-1 Meas	47.21	18.66	9.89	0.147	9.90	11.57	1.91	0.23	0.482	0.06	31		155	106	147	15	34						
DNC-1 Cert	47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070	31		148	118	144.0	18.0	38						
W-2a Meas	53.28	15.31	10.94	0.168	6.19	11.20	2.21	0.64	1.086	0.13	36	< 1	279	178	197	19	83						
W-2a Cert	52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.140	36.0	1.30	262	182	190	24.0	94.0						
DTS-2b Meas																		> 10000	130	3690			
DTS-2b Cert																		15500	120	3780			
SY-4 Meas	50.02	20.73	6.13	0.108	0.49	8.15	7.10	1.68	0.289	0.12	1	3	8	350	1191	111	535					90	32
SY-4 Cert	49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131	1.1	2.6	8.0	340	1191	119	517					93	35
BIR-1a Meas	48.24	15.20	11.46	0.173	9.47	13.61	1.80	0.02	0.967	0.02	44	< 1	338	9	107	13	15	380	49	180	130	70	
BIR-1a Cert	47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021	44	0.58	310	6	110	16	18	370	52	170	125	70	
ZW-C Meas																						1040	90
ZW-C Cert																						1050	99
OREAS 101b (Fusion) Meas																			44		420		
OREAS 101b (Fusion) Cert																			47		420		
NCS DC86318 Meas																							
NCS DC86318 Cert																							
SARM 3 Meas																							
SARM 3 Cert																							
USZ 42-2006 Meas																			6	< 20	20	460	
USZ 42-2006 Cert																			7.89	13.18	27.37	469	
REE-1 Meas																		290			80		
REE-1 Cert																		277			79.7		
Method Blank	0.01	< 0.01	0.01	0.002	< 0.01	0.01	0.01	< 0.01	< 0.001	< 0.01	< 1	< 1	< 5	< 2	< 2	< 1	3	< 20	< 1	< 20	< 10	< 30	< 1

Analyte Symbol	Ge	As	Rb	Nb	Mo	Ag	In	Sn	Sb	Cs	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	5	2	1	2	0.5	0.2	1	0.5	0.5	0.1	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.05	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas																							
DNC-1 Cert																							
W-2a Meas																							
W-2a Cert																							
DTS-2b Meas																							
DTS-2b Cert																							
SY-4 Meas			51	13						1.5	57.6	119	14.9	59.4	13.4	2.01	13.3	2.7	18.5	4.3	14.0	2.24	15.1
SY-4 Cert			55.0	13						1.5	58	122	15.0	57	12.7	2.00	14.0	2.6	18.2	4.3	14.2	2.3	14.8
BIR-1a Meas									0.7		0.6	1.8		2.4	1.1	0.52							1.6
BIR-1a Cert									0.58		0.63	1.9		2.5	1.1	0.55							1.7
ZW-C Meas			> 1000					> 1000	4.3	272	29.4	99.8	9.70	26.7	7.3		4.5						
ZW-C Cert			8500					1300	4.2	260	30.0	97	9.5	25.0	6.6		4.70						
OREAS 101b (Fusion) Meas					19						821	1390	128	393	51.0	8.03		5.2	31.4	6.2	18.7	2.73	17.8
OREAS 101b (Fusion) Cert					21						789	1331	127	378	48	7.77		5.37	32.1	6.34	18.7	2.66	17.6
NCS DC86318 Meas			386							11.3	> 2000	403	783	> 2000	> 1000	19.5	> 1000	511	> 1000		> 1000	274	> 1000
NCS DC86318 Cert			369.42							11.88	1960	432	737	3429	1725	18.91	2168	468	3224		1750	271	1844
SARM 3 Meas				> 1000																			
SARM 3 Cert				978																			
USZ 42-2006 Meas				34	36						> 2000	> 3000	> 1000	> 2000	505	85.0							17.7
USZ 42-2006 Cert				31.00	34.40						21100	27600	2300	6500	539	87.22							17.85
REE-1 Meas		115	> 1000					500		1.1	1710	> 3000	435	1480	401	24.3	414	113	879	211	704	110	711
REE-1 Cert		124	1050					498		1.07	1661	3960	435	1456	381	23.5	433	106	847	208	701	106	678
Method Blank	< 1	< 5	< 2	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1

Analyte Symbol	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.2	0.1	1	0.1	5	0.4	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas									
NIST 694 Cert									
DNC-1 Meas									
DNC-1 Cert									
W-2a Meas									
W-2a Cert									
DTS-2b Meas									
DTS-2b Cert									
SY-4 Meas	2.19	9.9	0.8			10		1.3	0.8
SY-4 Cert	2.1	10.6	0.9			10		1.4	0.8
BIR-1a Meas	0.25	0.5				< 5			
BIR-1a Cert	0.3	0.60				3			
ZW-C Meas			85.8	327	35.2				19.5
ZW-C Cert			82	320	34				20.0
OREAS 101b (Fusion) Meas	2.68							35.9	406
OREAS 101b (Fusion) Cert	2.58							37.1	396
NCS DC86318 Meas	263							68.6	
NCS DC86318 Cert	264							67.0	
SARM 3 Meas									
SARM 3 Cert									
USZ 42-2006 Meas						1690		1020	
USZ 42-2006 Cert						1600		946	
REE-1 Meas		457						722	148
REE-1 Cert		479						719	137
Method Blank	< 0.01	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.4	< 0.1	< 0.1

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-11600-Final2**
Report Date: **25-Jan-21**
Date Submitted: **24-Sep-20**
Your Reference: **Sakami**

Laurentia Exploration
3434 rue des generateurs
Sanguenay Quebec G7X0M1
Canada

ATTN: Hugues Guerin Tremblay

CERTIFICATE OF ANALYSIS

23 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3	QOP AquaGeo (Aqua Regia ICPOES)	
4LITHO (1-10)	QOP WRA/ QOP WRA 4B2 (/Major/Trace Elements Fusion ICPOES/ICPMS)	2021-01-18 16:07:40
8-AR	QOP Assay (Code 8-Assays)	

REPORT **A20-11600-Final2**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

We recommend using option 4B1 for accurate levels of the base metals Cu, Pb, Zn, Ni and Ag. Option 4B-INAA for As, Sb, high W >100ppm, Cr >1000ppm and Sn >50ppm by Code 5D. Values for these elements provided by Fusion ICP/MS, are order of magnitude only and are provided for general information. Mineralized samples should have the Quant option selected or request assays for values which exceed the range of option 4B1. Total includes all elements in % oxide to the left of total.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A20-11600-Final2**
Report Date: **25-Jan-21**
Date Submitted: **24-Sep-20**
Your Reference: **Sakami**

Laurentia Exploration
3434 rue des generateurs
Sanguenay Quebec G7X0M1
Canada

ATTN: Hugues Guerin Tremblay

CERTIFICATE OF ANALYSIS

23 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Timmins	QOP AA-Au (Au - Fire Assay AA)	

REPORT **A20-11600-Final2**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

We recommend using option 4B1 for accurate levels of the base metals Cu, Pb, Zn, Ni and Ag. Option 4B-INAA for As, Sb, high W >100ppm, Cr >1000ppm and Sn >50ppm by Code 5D. Values for these elements provided by Fusion ICP/MS, are order of magnitude only and are provided for general information. Mineralized samples should have the Quant option selected or request assays for values which exceed the range of option 4B1. Total includes all elements in % oxide to the left of total.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	LOI	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Total	Sc	Be	V	Ba	Sr	Y	Zr	Cr	Co	Ni	Cu
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit		0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	1	1	5	2	2	1	2	20	1	20	10
Method Code	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS
A683507	3.76	57.29	14.88	12.95	0.297	2.96	2.61	1.66	1.99	0.692	0.15	99.25	19	< 1	145	444	103	9	105	130	76	60	160
A683545	4.46	55.10	16.24	13.30	0.321	2.51	1.21	0.48	3.90	0.824	0.21	98.56	19	< 1	160	500	66	11	134	50	31	30	360
A683546	4.61	61.43	15.43	9.79	0.188	1.48	0.50	0.66	3.96	0.820	0.18	99.05	18	< 1	154	542	61	4	126	60	22	20	220

Analyte Symbol	Zn	Ga	Ge	As	Rb	Nb	Mo	Ag	In	Sn	Sb	Cs	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	30	1	1	5	2	1	2	0.5	0.2	1	0.5	0.5	0.1	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
A683507	7970	18	< 1	< 5	46	4	2	1.1	1.0	1	< 0.5	0.8	17.0	34.6	4.15	16.0	3.0	0.74	2.5	0.4	2.2	0.5	1.4
A683545	7920	20	< 1	< 5	74	5	6	0.9	0.6	1	< 0.5	0.9	21.0	43.4	5.26	20.0	3.8	0.58	3.1	0.4	2.6	0.5	1.6
A683546	2270	19	< 1	11	62	4	< 2	2.2	0.3	3	< 0.5	0.6	12.4	22.7	2.44	9.1	1.6	0.27	1.3	0.2	1.0	0.3	0.9

Analyte Symbol	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.1	0.01	0.2	0.1	1	0.1	5	0.4	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
A683507	0.21	1.4	0.23	2.5	0.3	1	0.2	18	3.1	2.6	0.6
A683545	0.24	1.7	0.25	3.6	0.4	2	0.4	43	0.5	3.4	0.8
A683546	0.16	1.3	0.25	3.3	0.4	2	0.3	71	3.1	3.0	0.5

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Sc	Be	V	Ba	Sr	Y	Zr	Cr	Co	Ni	Cu	Zn	Ga
Unit Symbol	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	1	1	5	2	2	1	2	20	1	20	10	30	1
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas	11.57	1.87	0.75	0.014	0.33	42.61	0.85	0.54	0.118	30.27			1663										
NIST 694 Cert	11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2			1740										
DNC-1 Meas	46.59	18.40	9.93	0.147	10.00	11.50	1.84	0.22	0.473	0.07	31		153	104	142	15	36						
DNC-1 Cert	47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070	31		148	118	144.0	18.0	38						
GBW 07113 Meas	72.25	12.99	3.25	0.143	0.15	0.61	2.51	5.48	0.279	0.04	5	4	5	505	40	44	395						
GBW 07113 Cert	72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500	5.00	4.00	5.00	506	43.0	43.0	403						
W-2a Meas	52.39	15.35	10.94	0.167	6.28	11.15	2.19	0.62	1.082	0.14	36	< 1	279	176	194	18	88	90	42	70	110	80	16
W-2a Cert	52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.140	36.0	1.30	262	182	190	24.0	94.0	92.0	43.0	70.0	110	80.0	17.0
DTS-2b Meas																		> 10000	127	3730			
DTS-2b Cert																		15500	120	3780			
SY-4 Meas	49.98	20.74	6.28	0.110	0.50	8.19	7.19	1.65	0.290	0.12	1	3	6	352	1212	113	538		1			90	33
SY-4 Cert	49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131	1.1	2.6	8.0	340	1191	119	517		2.8			93	35
BIR-1a Meas	47.59	15.56	11.58	0.172	9.47	13.60	1.77	0.02	0.981	0.02	44	< 1	338	8	106	13	16	390	51	190	130	70	15
BIR-1a Cert	47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021	44	0.58	310	6	110	16	18	370	52	170	125	70	16
ZW-C Meas																		60				990	90
ZW-C Cert																		56.0				1050	99
OREAS 101b (Fusion) Meas																			44		430		
OREAS 101b (Fusion) Cert																			47		420		
NCS DC86318 Meas																							
NCS DC86318 Cert																							
USZ 42-2006 Meas																			5	< 20	20	460	
USZ 42-2006 Cert																			7.89	13.18	27.37	469	
REE-1 Meas																		280		20	80		
REE-1 Cert																		277		24.7	79.7		
Method Blank	0.01	< 0.01	0.01	0.003	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.01	< 1	< 1	< 5	2	< 2	< 1	2	< 20	< 1	< 20	< 10	< 30	< 1

Analyte Symbol	Ge	As	Rb	Nb	Mo	Ag	In	Sn	Sb	Cs	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	5	2	1	2	0.5	0.2	1	0.5	0.5	0.1	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.05	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas																							
DNC-1 Cert																							
GBW 07113 Meas																							
GBW 07113 Cert																							
W-2a Meas	2	< 5	19		< 2				0.7		10.4	22.4		12.8	3.3	1.10		0.6	3.7	0.7			1.9
W-2a Cert	1.00	1.20	21.0		0.600				0.790		10.0	23.0		13.0	3.30	1.00		0.630	3.60	0.760			2.10
DTS-2b Meas																							
DTS-2b Cert																							
SY-4 Meas			51	14						1.5	57.0	120	14.8	57.5	13.2	1.93	14.2	2.7	19.0	4.4	14.3	2.27	15.1
SY-4 Cert			55.0	13						1.5	58	122	15.0	57	12.7	2.00	14.0	2.6	18.2	4.3	14.2	2.3	14.8
BIR-1a Meas				< 1					0.6		0.6	2.0		2.5	1.2	0.53	1.9						1.7
BIR-1a Cert				0.6					0.58		0.63	1.9		2.5	1.1	0.55	2.0						1.7
ZW-C Meas			> 1000	209				> 1000	4.6	258	28.6	97.6	9.30	24.6	6.7		4.5						
ZW-C Cert			8500	198				1300	4.2	260	30.0	97	9.5	25.0	6.6		4.70						
OREAS 101b (Fusion) Meas					20						799	1350	127	387	50.0	7.89		5.0	31.4	6.3	18.8	2.71	17.8
OREAS 101b (Fusion) Cert					21						789	1331	127	378	48	7.77		5.37	32.1	6.34	18.7	2.66	17.6
NCS DC86318 Meas			372							11.7	1900	397	711	> 2000	> 1000	18.2	> 1000	514	> 1000	581	> 1000	261	> 1000
NCS DC86318 Cert			369.42							11.88	1960	432	737	3429	1725	18.91	2168	468	3224	560	1750	271	1844
USZ 42-2006 Meas				33	35						> 2000	> 3000	> 1000	> 2000		81.0							
USZ 42-2006 Cert				31.00	34.40						21100	27600	2300	6500		87.22							
REE-1 Meas		112	> 1000					473		1.0	1610	> 3000	422	1400	376	23.0	429	113	852	203	677	106	675
REE-1 Cert		124	1050					498		1.07	1661	3960	435	1456	381	23.5	433	106	847	208	701	106	678
Method Blank	< 1	< 5	< 2	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1

Analyte Symbol	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.2	0.1	1	0.1	5	0.4	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas									
NIST 694 Cert									
DNC-1 Meas									
DNC-1 Cert									
GBW 07113 Meas									
GBW 07113 Cert									
W-2a Meas	0.30		0.4	< 1	< 0.1	9	< 0.4	2.2	0.5
W-2a Cert	0.330		0.500	0.300	0.200	9.30	0.0300	2.40	0.530
DTS-2b Meas									
DTS-2b Cert									
SY-4 Meas	2.23	10.4	0.8			10		1.2	0.9
SY-4 Cert	2.1	10.6	0.9			10		1.4	0.8
BIR-1a Meas	0.30	0.5				< 5			
BIR-1a Cert	0.3	0.60				3			
ZW-C Meas			81.3	318	35.0				18.5
ZW-C Cert			82	320	34				20.0
OREAS 101b (Fusion) Meas	2.67							36.5	400
OREAS 101b (Fusion) Cert	2.58							37.1	396
NCS DC86318 Meas	247							66.0	
NCS DC86318 Cert	264							67.0	
USZ 42-2006 Meas						1670		943	
USZ 42-2006 Cert						1600		946	
REE-1 Meas		441						751	139
REE-1 Cert		479						719	137
Method Blank	< 0.01	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.4	< 0.1	< 0.1

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: **GENIUS METALS INC.**
UNIT 203, 22 LAFLEUR AVE
SAINT-SAUVEUR QC J0R 1R0

Finalisée date: 7-NOV-2019
Compte: GENMETIN

CERTIFICAT VO19278623

Projet: Iserhoff Property

Ce rapport s'applique aux 16 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 4-NOV-2019.

Les résultats sont transmis à:

MICHEL BOILY PIERRE-OLIVIER GOULET	PIERRE-OLIVIER GOULET GUY GOULET	GUY GOULET

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-21	Entrée échantillon - Code barre client
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS

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: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: **GENIUS METALS INC.**
UNIT 203, 22 LAFLEUR AVE
SAINT-SAUVEUR QC J0R 1R0

Finalisée date: 7-NOV-2019
Compte: GENMETIN

Projet: Iserhoff Property

CERTIFICAT D'ANALYSE VO19278623

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
X389201		0.47	0.019
X389202		0.47	0.011
X389203		0.64	0.007
X389204		0.54	0.009
X389205		0.84	0.015
X389206		0.47	0.006
X389207		0.53	0.006
X389208		0.61	<0.005
X389209		0.55	0.012
X389210		0.70	0.007
X389211		0.57	0.011
X389212		0.49	0.008
X389213		0.63	0.008
X389214		0.63	0.013
X389215		0.53	0.018
X389216		0.75	0.007

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

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À: **GENIUS METALS INC.**
UNIT 203, 22 LAFLEUR AVE
SAINT-SAUVEUR QC J0R 1R0

Finalisée date: 7-NOV-2019
Compte: GENMETIN

Projet: Iserhoff Property

CERTIFICAT D'ANALYSE VO19278623

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au-AA23	CRU-31	CRU-QC	LOG-21
PUL-31	PUL-QC	SPL-21	WEI-21

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À: **GENIUS METALS INC.**
UNIT 203, 22 LAFLEUR AVE
SAINT-SAUVEUR QC J0R 1R0

Date: 14-NOV-2019
Compte: GENMETIN

CERTIFICAT VO19268381

Projet: Sakami Gold Property

Ce rapport s'applique aux 109 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 18-OCT-2019.

Les résultats sont transmis à:

PIERRE-OLIVIER GOULET GUY GOULET	GUY GOULET	PIERRE-OLIVIER GOULET

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-21	Entrée échantillon - Code barre client
LOG-23	Entrée pulpe - Reçu avec code barre
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um

PROCÉDURES ANALYTIQUES

CODE AL	DESCRIPTION	INSTRUMENT
ME-IC 41	Aqua regia ICP-AES 3 éléments	ICP-AES
Au-AA23	Au 30 g fini FA-AA	AAS

RAPPORT PARTIEL

Ceci est un Rapport Partiel de Données pour les résultats analytiques de l'au-dessus des méthodes mentionnées. Un Certificat final d'Analyse sera disponible sur l'achèvement de toutes méthodes demandées.

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North Vancouver BC V7H 0A7
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À: **GENIUS METALS INC.**
UNIT 203, 22 LAFLEUR AVE
SAINT-SAUVEUR QC J0R 1R0

Date: 14-NOV-2019
Compte: GENMETIN

Projet: Sakami Gold Property

RAPPORT PARTIEL VO19268381

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
X389251		1.00	<0.005
X389252		0.79	0.008
X389253		0.75	0.005
X389254		0.64	0.033
X389255		0.73	0.005
X389256		0.65	0.008
X389257		0.93	0.014
X389258		0.74	0.005
X389259		1.14	0.129
X389260		0.92	0.006
X389261		0.76	0.086
X389262		0.79	0.009
X389263		0.84	0.005
X389264		0.81	0.009
X389265		0.07	0.822
X389266		0.96	0.057
X389267		0.99	<0.005
X389268		0.96	0.093
X389269		1.15	0.013
X389270		0.86	0.032
X389271		1.27	0.125
X389272		0.66	0.014
X389273		1.01	<0.005
X389274		0.97	0.009
X389275		1.32	<0.005
X389276		0.77	<0.005
X389277		0.83	<0.005
X389278		0.70	0.021
X389279		0.87	2.55
X389280		1.60	0.020
X389151		0.57	0.005
X389152		0.89	0.007
X389153		0.62	0.008
X389154		0.73	0.005
X389155		0.75	<0.005
X389156		0.90	<0.005
X389157		0.47	<0.005
X389158		0.49	<0.005
X389159		0.48	<0.005
X389160		0.41	0.075

RAPPORT PARTIEL

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Date: 14-NOV-2019
Compte: GENMETIN

Projet: Sakami Gold Property

RAPPORT PARTIEL VO19268381

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
X389161		0.59	<0.005
X389162		0.61	0.007
X389163		0.48	<0.005
X389164		0.58	<0.005
X389165		0.71	<0.005
X389166		0.66	0.034
X389167		0.81	0.007
X389168		0.65	<0.005
X389169		0.39	<0.005
X389170		0.65	<0.005
X389171		0.70	0.028
X389172		0.51	<0.005
X389173		0.55	<0.005
X389174		0.39	<0.005
X389175		0.52	1.790
X389176		0.55	0.023
X389177		0.66	1.105
X389178		0.61	0.217
X389179		1.21	0.145
X389180		0.49	0.009
X389181		0.48	<0.005
X389182		0.47	0.005
X389183		0.43	0.009
X389184		0.63	0.039
X389185		0.94	<0.005
X389186		0.53	0.008
X389187		0.45	0.008
X389188		0.49	0.009
X389189		0.55	0.009
X389190		0.03	0.839
X389191		0.48	<0.005
X389192		0.44	0.006
X389193		0.50	<0.005
X389194		0.69	0.016
X389195		0.87	0.285
X389196		0.68	0.100
X389197		0.80	0.007
X389351		0.49	<0.005
X389352		0.74	<0.005
X389353		0.48	<0.005

RAPPORT PARTIEL

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Date: 14-NOV-2019
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Projet: Sakami Gold Property

RAPPORT PARTIEL VO19268381

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
X389354		0.71	0.016
X389355		0.76	<0.005
X389356		0.34	<0.005
X389357		1.16	0.009
X389358		0.73	0.013
X389359		0.52	<0.005
X389360		0.68	0.005
X389361		0.77	0.005
X389365		0.84	0.118
X389366		0.83	0.016
X389367		1.11	0.010
X389368		0.73	0.018
X389369		0.80	0.007
X389370		1.10	0.055
X389371		0.07	5.22
X389401		6.66	0.101
X389402		8.58	0.013
X389403		9.12	0.049
X389404		9.18	0.033
X389405		4.10	0.017
X389406		2.50	0.006
X389407		6.58	0.030
X389408		6.93	0.011
X389409		6.13	0.108
X389410		4.21	0.014
X389411		2.73	0.013
X389412		6.60	<0.005
X389413		5.33	<0.005
X389414		0.06	0.859

RAPPORT PARTIEL