GEOLOGICA
GROUPE-CONSEIL

WEMINDJI EXPLORATION INC.

SUMMER 2017 EXPLORATION WORK REPORT ON THE JAMES BAY CLAIM BLOCKS

James Bay Area
Province of Quebec, Canada
(NTS 33C05, 33C10, 33C11 & 33C15,)

Val-d'Or, Quebec
January 11, 2018

Alain-Jean Beauregard, P.Geo., OGQ (#227), FGAC
Daniel Gaudreault, P. Eng., OIQ (# 39834)
Geologica Groupe-Conseil Inc.

Énergie et Ressources naturelles
Direction de l'information géologique
28 novembre 2017

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SIGNATURE

SUMMER 2017 EXPLORATION WORK REPORT ON THE JAMES BAY CLAIM BLOCKS

Prepared for

WEMINDJI EXPLORATION INC.

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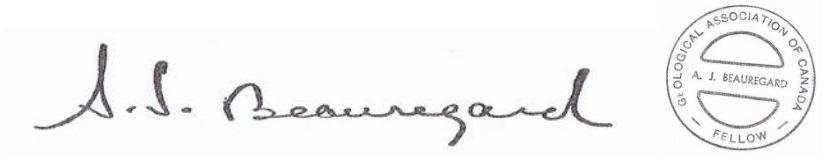
Signed in Val-d'Or, January 11, 2018



Alain-Jean Beauregard, P.Geo., OGQ (#227), FGAC

Daniel Gaudreault, P. Eng., OIQ (# 39834)

Certificate of Qualification (Alain-Jean Beauregard)

I, Alain Jean Beauregard, P. Geo., do hereby certify that:

1. I am a geologist and the President of: Geologica Groupe-Conseil Inc., 450, 3rd Avenue, Suite 202, P.O. Box 1891, Val-d'Or (Québec), J9P 6C5

2. I am a qualified geologist, having received my academic training at Concordia University, in Montréal, Québec (B.Sc. Geology and Mining – 1978) with an attestation in Business Administration (Val-d'Or – 1988).

3. This certificate applies to the Report entitled "Summer 2017 Exploration Work Report on James Bay Claim Blocks" (the "Report"). This report was written for Wemindji Exploration Inc. and dated January 11, 2018.

4. I am a Fellow of the Geological Association of Canada #F4951 (FGAC) and also a member of the Order of Geologists and Geophysicists of Québec #227 (OGQ), of the Québec Mining Exploration Association (AEMQ), of the Canadian Institute of Mining and Metallurgy (CIMM) and the Prospectors and Developers Association of Canada (PDAC).

5. I have field experience mapping, prospecting, sampling and compiling data in the highly metamorphic terrain of the Grenville Province for iron, titanium, uranium, rare earth minerals, graphite, precious and base metals. I have worked as a geologist for a total of 40 years since my graduation from University with the production of more than one thousand and five hundred (>1500) technical and financial evaluation reports in English or French for government authorities, private and public companies including numerous market value assessments of mining properties from grassroots projects to developed mines, and several companies' entire portfolio of properties. I have also organized and managed many exploration campaigns for gold, base metals and industrial metals, especially in remote areas of Abitibi, but also in other parts of Québec (Labrador Trough, Gaspé Peninsula, James Bay, St-Lawrence River, North Shore, Ungava, etc.), in eastern Canada, Europe, Africa and the Americas.

6. 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.

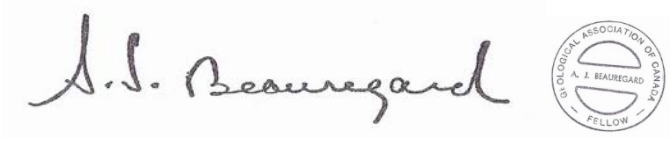
7. I am responsible for the technical parts of Sections 1 to 13 and 15 to 19 of the Report. I have visited and prospected the subject claim blocks in August 2017.

8. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
9. I had no prior involvement with the property that is subject of the Technical Report.

10. I am independent of the issuers (Wemindji Exploration Inc.) and the James Bay Claim Blocks applying all of the tests in section 1.5 of National Instrument 43-101.

11. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report. I confirm to have read 43-101 F1 form and related appendices and that the Technical Report has been prepared in compliance with the National Instrument 43-101.

Dated this 11th day of January 2018



Alain-Jean Beauregard, P.Geo., OGQ (#227), FGAC

Certificate of Qualification (Daniel Gaudreault)

I, Daniel Gaudreault, P. Eng., do hereby certify that:

1. I am currently employed as a geological engineer by: Geologica Groupe-Conseil Inc., 450, 3rd Avenue, Suite 202, P.O. Box 1891, Val-d'Or (Québec), J9P 6C5

2. I graduated with a degree in Geological Engineering ("Eng.") from the University of Québec in Chicoutimi in 1983.

3. This certificate applies to the Report entitled "Summer 2017 Exploration Work Report on James Bay Claim Blocks" (the "Report"). This report was written for Wemindji Exploration Inc. and dated January 11, 2018.

4. I am a member of the "Ordre des ingénieurs du Québec (OIQ)", #39834, of the Québec Mining Exploration Association (AEMQ) and the Prospectors and Developers Association of Canada (PDAC).

5. I have field experience mapping, prospecting, sampling and compiling data in the highly metamorphic terrane of the Grenville Province for iron, titanium, uranium, rare earth minerals, graphite, precious and base metals. I have worked as a geologist for a total of 35 years since my graduation from university. As an engineer specializing in geology and mining, I have been involved with all aspects of planning, organization and supervision of mineral exploration projects, especially in remote areas of Abitibi, Québec. I have been in charge of teams of professionals and technicians on geological projects in the most severe conditions. I have also completed several geoscientific compilations and technical reports on areas of interest in Québec, Ontario, USA (California & Nevada) and South America (mainly Peru).

6. 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.

7. I am responsible for the technical parts of Sections 1 to 13 and 15 to19 of the Technical Report. I have visited and prospected the subject claim blocks in August 2017.

8. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

9. I had no prior involvement with the property that is subject of the Technical Report.

10. I am independent of the issuer (Wemindji Exploration Inc.) and the James Bay Claim Blocks applying all of the tests in section 1.5 of National Instrument 43-101.

11. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report. I confirm to have read 43-101 F1 form and related appendices and that the Technical Report has been prepared in compliance with the National Instrument 43-101.

Dated this 11th day of January 2018

Daniel Gaudreault, P. Eng. (OIQ #39834)

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1.0 SUMMARY

At the request of Wemindji Exploration Inc. (“Wemindji”), Geologica Groupe-Conseil Inc. (“Geologica”) was given the mandate to complete a reconnaissance mapping with prospection on the six (6) James Bay Blocks with a Technical Work Report. Geologica is an independent mining exploration consulting firm based in Val-d’Or (Quebec).

M. Alain-Jean Beauregard and Daniel Gaudreault of Geologica Groupe-Conseil Inc. are Qualified Persons under the National Instrument 43-101. We have visited and realized prospection and reconnaissance mapping with sampling during the period from August 10 to 12, 2017 with the assistance of G. L. Geoservices in Rouyn-Noranda (Quebec) and two student technical assistants.

Geologica reviewed and evaluated the information submitted by Wemindji in order to prepared the Technical Report and has formulated its own conclusions and recommendations. Geologica believes that such information is valid and appropriate considering the status of these claim blocks and the purpose for which the Technical Report is being prepared. To the best of their knowedge, the authors fully researched and documented the conclusions and recommendations made in the Technical Report.

The authors relied on public documents filed at the Ministry of Natural Resources of the Province of Quebec (MRNQ) and information provided by Wemindji for the descriptions of title and claim status. Moreover, some parts of this Technical Report were taken from reports prepared by previous property owners as well as from federal and provincial government studies.

The Wemindji Exploration’s Blocks is made up of 75 claims clustered in six blocks (named 10, 11, 12, 13, 14 &15) totalling 4,499.2 hectares, located in the James Bay district of Quebec, 65 km east of James Bay, about 400 km north of Matagami and 650 km north of Val-d’Or, close to Eastmain River within the NTS sheets 33C/05 and north of the Opinaca River within the NTS 33C/10, 33C11 and 33C15.

There are no known environmental concerns or land claim issues pending with respect to the Property. It is understood and agreed that the Property was received by Wemindji Exploration “as is” and that Wemindji Exploration shall ensure that all exploration programs on the James Bay Blocks are conducted in an environmentally sound manner.

No land path gives access to these claims but we were able to get there by helicopter. Outcrops are common, usually occurring as mounds or ridges above the surrounding plain. La Grande Airport, located at km 590, is daily serviced by Air Inuit. The Roadstop Km 381 located at km 381 of the James Bay Road can be used for workers’ accommodation and as base camp for exploration programs. The helicopter was based at Km 381 and was kindly made available by the exploration team of Midland Exploration.

The topography is characterized by relatively elevated terrain averaging approximately 180 meters with occasional ridges exceeding 240 meters. Locally areas of less than 180 meters occur proximal to the main rivers and associated streams and are characterized by raised bogs. All streams, creeks and swamps drain into the Eastmain and Opinaca Rivers

which flow westward to James Bay.

The James Bay Blocks are mainly located in the southeastern part of the La Grande Subprovince except for two (2) Blocks within the Opinaca Subprovince of the Superior Province (Figure 3). The La Grande Subprovince is crescent-shaped, wrapping the south, west and north flanks of the Minto, Ashuanipi and Opinaca Subprovinces, respectively. At a regional scale, the La Grande Subprovince is subdivided into a northern and a southern part referred to as the La Grande River and Eastmain River bands.

Between August 07 and 13, 2017, prospection, geological reconnaissance and sampling were completed by Geologica with the assistance of G.L. Geoservices. A total of eighty-one (81) grab samples were collected during these surveys.

The James Bay Block 10 is located within the Wabamisk Formation of the Basse-Eastmain Group from the La Grande Sub-Province. This Formation consists of amphibolitised basalt, amphibolite, blocky tuff, volcaniclastic, polygenic conglomerate and iron formations. A Proterozoic diabase dyke cuts all units. A beep-mat survey, along of the outcrop areas using GPS location, was completed on this block by prospection and sampling. Thirteen (13) samples were taken during this survey. The mineralization consists mainly of 2-5% disseminated pyrite within felsic to intermediate tuffs and boulders of graphitic shale with 10-20% pyrite. No significant results were obtained.

The James Bay Blocks 11, 12 and 13 are located within the Bernou Formation and apart of the Pilipas Formation of the Eastmain Group from the La Grande Sub-Province. This Formation consists of basalt, andesitic basalt, rhyolite, anorthositic gabbro and volcaniclastic units. A Proterozoic diabase dyke cuts all units in Blocks 11 and 13. A small pluton of granodioritic composition is present in the southern part of Block 11. Beep-mat survey, along the outcrop areas using GPS location, was completed on these blocks by prospection, reconnaissance mapping and sampling. Sixty-one (61) samples were taken during these surveys. The mineralization consists mainly of quartz veins within gneissic units, magnetic gabbro, metavolcanite, iron formations with sulphides (5-10% Py and 10-20% Po) and boulder of quartzite with 1-2% Py. A chosen grab sample within iron formation has revealed an anomalous gold value of 0.069 g/t Au (sample # 560681). One of these samples taken within the quartzite has revealed anomalous in copper and zinc with 365 ppm and 128 ppm respectively. Four of these samples taken within the iron formation, silicified gneiss and amphibolitic gneiss are anomalous in copper (301 ppm - amphibolitic gneiss) and zinc (320, 151 and 132 ppm - iron formation). The silicified gneiss is anomalous in silver with values of 5.8, 2.6 and 1.3 g/t Ag.

The James Bay Blocks 14 and 15 are located within of the Laguiche Complex of the Opinaca Sub-Province. The units consist of paragneisses with 20-50% of mobilisat and some heterogenous and banded diatexites (biotite±hornblende±garnet±pyroxene). Some intrusive units are also observed and consist of granite, hornblende granodiorite and pegmatites with fragments of amphibolitic composition. Six (6) samples were taken during this survey. The mineralization consists mainly of a series of paragneiss with tr-1% disseminated pyrite. Anomalous values in silver and copper (0.4 g/t Ag & 153 ppm Cu) were obtained within a banded paragneiss with 1% disseminated pyrite (sample # 560672) during the recent

reconnaissance mapping.

Most of the known geological units observed and sampled during the recent prospection and reconnaissance mapping consist of banded paragneiss with amphibolite in the northern area (James Bay Blocks 14 and 15), amphibolite, iron formations and quartzite units in the central area (James Bay Blocks 11, 12 and 13), and tuffs and metavolcanites in the southwestern area (James Bay Block 10) These locally pyritic rocks are altered and usually containing rusty horizons and sulphides (pyrite and locally chalcopyrite and pyrrhotite).

Recent reconnaissance mapping and prospection works with sampling have permitted to recognize a part of the stratigraphy accross these claims Blocks and show locally the favourable context for gold, silver and base metals discovery. Only some outcrop areas were mapped and sampled and It would be important to consider the continuity of the exploration program in order to better define the gold and polymetallic potential of the central area (Blocks 11 12 & 13) with complementary geophysical surveys, supplementary outcrop mapping and sampling, and diamond drilling. A budget in two Phases is recommended totalling $1,843,000.

2.0 INTRODUCTION AND TERMS OF REFERENCE

At the request of Wemindji Exploration Inc. (“Wemindji”), Geologica Groupe-Conseil Inc. (“Geologica”) was given the mandate to complete a reconnaissance mapping with prospection on the six (6) James Bay Blocks with a Technical Work Report. Geologica is an independent mining exploration consulting firm based in Val-d’Or (Quebec).

M. Alain-Jean Beauregard and Daniel Gaudreault of Geologica Groupe-Conseil Inc. are Qualified Persons under the National Instrument 43-101. They were accompanied by geology students, Arnaud Morrissette and Émile Beauregard. We have visited and realized prospection and reconnaissance mapping with sampling during the period from August 07 to 13, 2017 with the assistance of Gilbert Lamothe and Bertrand Taquet, géo., of G.L. Geoservices from Rouyn-Noranda (Quebec).

Geologica reviewed and evaluated the information submitted by Wemindji in order to prepared the Technical Report and has formulated its own conclusions and recommendations. Geologica believes that such information is valid and appropriate considering the status of these claim blocks and the purpose for which the Technical Report is being prepared. To the best of their knowedge, the authors fully researched and documented the conclusions and recommendations made in the Technical Report.

The authors relied on public documents filed at the Ministry of Natural Resources of the Province of Quebec (MRNQ) and information provided by Wemindji for the descriptions of title and claim status. Moreover, some parts of this Technical Report were taken from reports prepared by previous property owners as well as from federal and provincial government studies.

Geologica is pleased to acknowledge the helpful cooperation of Wemindji management and exploration personnel, all of whom made any and all data requested available and responded openly and helpfully to all questions, queries and requests for material. A special acknowledgement to Midland Resources Inc. is also mentioned for the daily use of their helicopter permitting the crews to access the remote Wemindji Exploration claim blocks

All currency amounts are stated in Canadian dollars. Quantities are stated in both imperial and SI units (Canadian and international practice), including metric tonnes (tonnes, t) and kilograms (kg) for weight, kilometres (km) or metres (m) for distance, hectares (ha) for area, grams (g) and grams per metric tonne (g/t) for gold grades; and grams per metric tonne (g/t) for silver, platinum and palladium grades; percentage (%) for nickel and copper grades. Precious metals quantities may also be reported in troy ounces (ounces), a common practice in the gold mining industry.

3.0 RELIANCE ON OTHER EXPERTS

Geologica offers no legal opinion as to the validity of the mineral titles claimed. A description of these claim blocks, and ownership thereof, is provided for general information purposes only.

4.0 PROPERTY DESCRIPTION AND LOCATION

The Wemindji Exploration's Blocks consists of 43 claims (Table 1) subdivided in six blocks (10 to 15) totalling 2,249.6 hectares, located in the James Bay region in the province of Quebec, about 400 km north of Matagami, 650 km north of Val-d'Or, nearby Eastmain River within the National Topographic System (NTS sheets) 33C/05, north of the Opinaca River within the NTS 33C/10, 33C11 and 33C15 (Figures 1 & 2).

Table 1 – James Bay Claim Blocks - Official Mining Title List

Wemindji Exploration inc (18159) 100 % (responsible)								
	Title No	NTS Sheet	Block	Expiry Date	Area (Ha)	Excess Work	Required Work	Required Fees
1	2437291	33C15	14	2018-02-25 23:59	52.16	$0.00	$87.75	$148.48
2	2437292	33C15	14	2018-02-25 23:59	52.16	$0.00	$87.75	$148.48
3	2437293	33C15	14	2018-02-25 23:59	52.16	$0.00	$87.75	$148.48
4	2437294	33C15	14	2018-02-25 23:59	52.16	$0.00	$87.75	$148.48
5	2437295	33C15	14	2018-02-25 23:59	52.16	$0.00	$87.75	$148.48
6	2437296	33C15	14	2018-02-25 23:59	52.15	$0.00	$87.75	$148.48
7	2437297	33C15	14	2018-02-25 23:59	52.15	$0.00	$87.75	$148.48
8	2437298	33C15	14	2018-02-25 23:59	52.15	$0.00	$87.75	$148.48
9	2437299	33C15	14	2018-02-25 23:59	52.15	$0.00	$87.75	$148.48
10	2437300	33C15	14	2018-02-25 23:59	52.15	$0.00	$87.75	$148.48
			Block 14 total hectares:		**521.55**			
11	2437301	33C10	12	2018-02-25 23:59	52.37	$0.00	$87.75	$148.48
12	2437302	33C10	12	2018-02-25 23:59	52.37	$0.00	$87.75	$148.48
13	2437303	33C10	12	2018-02-25 23:59	52.37	$0.00	$87.75	$148.48
14	2437304	33C10	12	2018-02-25 23:59	52.37	$0.00	$87.75	$148.48
15	2437305	33C10	12	2018-02-25 23:59	52.37	$0.00	$87.75	$148.48
16	2437306	33C10	12	2018-02-25 23:59	52.36	$0.00	$87.75	$148.48
17	2437307	33C10	12	2018-02-25 23:59	52.36	$0.00	$87.75	$148.48
18	2437308	33C10	12	2018-02-25 23:59	52.36	$0.00	$87.75	$148.48
19	2437309	33C10	12	2018-02-25 23:59	52.36	$0.00	$87.75	$148.48
20	2437310	33C10	12	2018-02-25 23:59	52.36	$0.00	$87.75	$148.48
			Block 12 total hectares:		**523.65**			
21	2437311	33C10	13	2018-02-25 23:59	52.34	$0.00	$87.75	$148.48
22	2437312	33C10	13	2018-02-25 23:59	52.34	$0.00	$87.75	$148.48
23	2437313	33C10	13	2018-02-25 23:59	52.34	$0.00	$87.75	$148.48
24	2437314	33C10	13	2018-02-25 23:59	52.33	$0.00	$87.75	$148.48
25	2437315	33C10	13	2018-02-25 23:59	52.33	$0.00	$87.75	$148.48
26	2437316	33C10	13	2018-02-25 23:59	52.33	$0.00	$87.75	$148.48
27	2437317	33C10	13	2018-02-25 23:59	52.33	$0.00	$87.75	$148.48
			Block 13 total hectares:		**366.34**			
28	2437318	33C10	15	2018-02-25 23:59	52.17	$0.00	$87.75	$148.48
29	2437319	33C10	15	2018-02-25 23:59	52.17	$0.00	$87.75	$148.48
30	2437320	33C10	15	2018-02-25 23:59	52.17	$0.00	$87.75	$148.48

Wemindji Exploration inc (18159) 100 % (responsible)								
	Title No	NTS Sheet	Block	Expiry Date	Area (Ha)	Excess Work	Required Work	Required Fees
31	2437321	33C10	15	2018-02-25 23:59	52.16	$0.00	$87.75	$148.48
32	2437322	33C10	15	2018-02-25 23:59	52.16	$0.00	$87.75	$148.48
33	2437323	33C10	15	2018-02-25 23:59	52.16	$0.00	$87.75	$148.48
			Block 15 total hectares:		**312.99**			
34	2437324	33C11	11	2018-02-25 23:59	52.38	$0.00	$87.75	$148.48
35	2437325	33C11	11	2018-02-25 23:59	52.38	$0.00	$87.75	$148.48
36	2437326	33C11	11	2018-02-25 23:59	52.38	$0.00	$87.75	$148.48
37	2437327	33C11	11	2018-02-25 23:59	52.37	$0.00	$87.75	$148.48
38	2437328	33C11	11	2018-02-25 23:59	52.37	$0.00	$87.75	$148.48
39	2437329	33C11	11	2018-02-25 23:59	52.37	$0.00	$87.75	$148.48
			Block 11 total hectares:		**314.25**			
40	2437407	33C05	10	2018-02-25 23:59	52.71	$0.00	$87.75	$148.48
41	2437408	33C05	10	2018-02-25 23:59	52.71	$0.00	$87.75	$148.48
42	2437409	33C05	10	2018-02-25 23:59	52.7	$0.00	$87.75	$148.48
43	2437410	33C05	10	2018-02-25 23:59	52.7	$0.00	$87.75	$148.48
			Block 10 total hectares:		**210.82**			
				Total:	**2249.60**	**$0.00**	**$3,773.25**	**$6,384.64**
								From: GESTIM, M.R.N.Q., August 23, 2017

4.1 Quebec Mining Law

Claims

Under the Québec Mining law, a claim is the only exploration title that can be granted by the government for the exploration of mineral substances on lands in the public domain. It can be obtained:

- By map designation, henceforth the principal method for acquiring a claim.
- By staking on lands that have been designated for this purpose.

For the James Bay Claim Blocks, mining titles were obtained by map designation.

A claim is a mineral right that gives its holder a two-year exclusive right to explore a designated territory for any mineral substances that are part of the public domain with the exception of:

- petroleum, natural gas and brine;

- sand other than silica sand used for industrial purposes, gravel, common clay used in the manufacture of clay products, and other mineral substance found in its natural state as a loose deposit, as well as inert mine tailings used for construction purposes;
- on any part of land that is also subject to an exploration licence for surface mineral substances or an exclusive lease to mine surface mineral substances, every other surface mineral substance.

The claim also allows the holder to explore for mineral substances in mine tailings that are located on public land. Occasionally, the claim can be located on the private surface right.

The claim holder may renew his title for a two-year period. To do so he must: submit an application for renewal at least 60 days prior to the claim expiry date; pay the required fees, which vary according to the surface area of the claim, its location, and the date the application is received:

- If received 60 days prior to the claim expiry date, the regular fees apply;
- If received within 60 days of the claim expiry date, the fees are doubled.
- Submit his assessment work report and the work declaration form at least 60 days before the claim expiry date. If the remittance of these documents is made during the 60 days prior to the expiry date, a penalty fee of $25/claim until maximum of $250 is applied for the late submission; comply with other renewal conditions.

At the time of renewal, the claim holder may apply any assessment work credits from another of his claims towards the renewal of the claim in question. The center of the claim under renewal must lie within a radius of 4.5 km from the centre of the claim from which the credits will be used.

Each claim provides access rights to a parcel of land on which exploration work may be performed. However, the claim holder cannot access land that has been granted, alienated or leased by the State for non-mining purposes, or land that is the subject of an exclusive lease to mine surface mineral substances, without first having obtained the permission of the current holder of these rights.

Furthermore, at the time of issuing claims that lie within the boundaries of a town or on territories identified as State reserves, the “Ministère des Ressources Naturelles et de la Faune” may impose certain conditions and obligations concerning the work to be performed on the claim. The Ministry also reserves the right to modify these conditions in the public’s interest.

Figure 1 – General Location

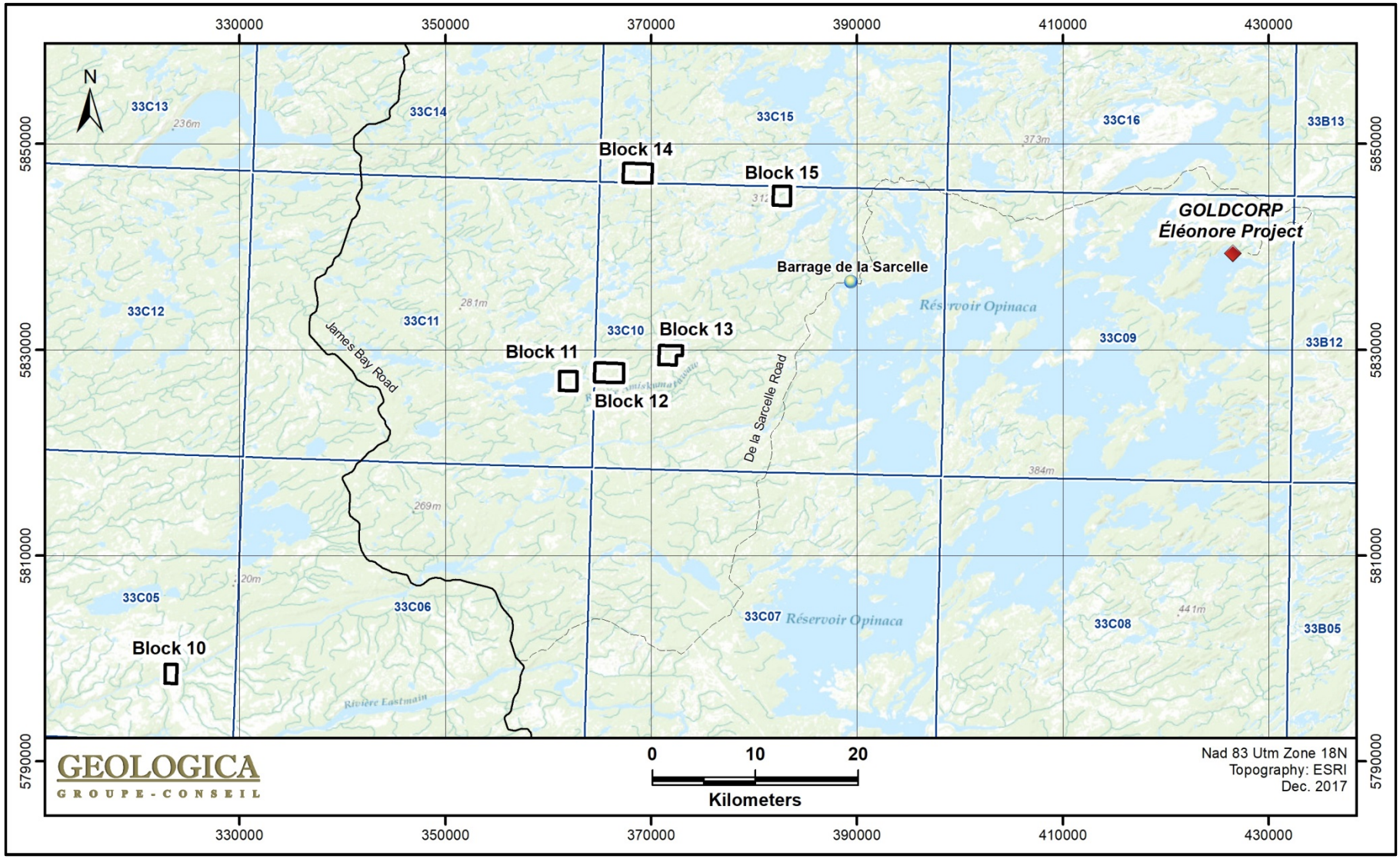


Figure 2 – Detailed Location

ENVIRONMENTAL OBLIGATION, PERMITS AND OTHER RELEVANT FACTORS

There are no known environmental concerns or land claim issues pending with respect to the Property. It is understood and agreed that the Property was received by Wemindji Exploration “as is” and that Wemindji Exploration shall ensure that all exploration programs on the James Bay Blocks are conducted in an environmentally sound manner.

The authors are unaware of any environmental liabilities associated with the claims of these blocks. However, the authors have not conducted a thorough inspection of these claims. The exploration activities were planned to have a minimum impact on the environment. Garbage was brought out on a daily basis. No mechanical instruments were used other than hand shovels, grub hoes, hammers and chisels were used to manually clean and sample the observed outcrops.

Wemindji Exploration is responsible for obtaining all authorizations and permits from the Ministère des Ressources Naturelles du Québec in the event of outcrop stripping and/or drilling activities.

To the best of our knowledges, no other significant factors and risks are known that could affect the exploration work, except an economic risk, by example with the decline of metal prices resulting in a lack of liquidity through inadequate funding to achieve the exploration work.

5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURES AND PHYSIOGRAPHY

These six claim Blocks are mainly accessible by helicopter. Outcrops are common, usually occurring as mounds or ridges above the surrounding plain. La Grande Airport, located at km 590, is serviced daily by Air Inuit. The Roadstop KM 381 located at km 381 on the Road James Bay can be used for workers’ accommodation and as base camp for exploration programs.

The topography is characterized by relatively elevated terrain averaging approximately 180 meters with occasional ridges exceeding 240 meters. Local areas of less than 180 meters occur proximal to the main rivers and associated streams are characterized by raised bogs. All streams, creeks and swamps drain into the Eastmain and Opinaca Rivers which flow westward to the James Bay.

6.0 HISTORY

From the E-Sigeom (MRNQ) most of the previous geological and geophysical works were conducted by different companies in the vicinity of the Wemindji Exploration’s block claims area.

From 1935 to 1936, Dome Mines Ltd. realized two expeditions for the purpose of prospecting the sector along the Eastmain River. The central of Wabamisk Belt was carefully prospected, revealing a large number of quartz veins containing locally fair amounts of pyrite, pyrrhotite and little chalcopyrite, but no gold was reported from assays of samples (GM 09863-A).

From 1975 to 1978, MRN conducted a geological survey and realized the first regional and structural map of Lower Eastmain River area with objective to define major volcano-sedimentary units (DP 329 & DPV-574).

In 1980, SDBJ realized a prospecting program (surface sampling and drilling) covering geophysical conductors identified previously by airborne Canico geophysical survey. Weakly anomalous precious and base metals values was present suggesting the area may have a good potential for gold, silver, zinc and copper mineralization (GM 38169).

The following section (Table 2) describes the general previous exploration work carried out over the James Bay Blocks. The documents used for the present compilation from the SIGÉOM database at the MRNQ (Ministère des Ressources Naturelles du Québec) and some technical reports from past owners.

Table 2 - Previous work carried out in the vicinity of the James Bay Claim Blocks

1) Block 10 Area

Year	Mining Holder	Activity	Reference / statutory works
2014	Eastmain Resources Inc. / Geo Data Solutions GDS Inc.	Interpretation Report of Heliborne High Resolution Aeromagnetic Data (Lac Elmer Property).	GM 68282
2013	Augyva Mining Resources Inc. / IOS Services Géoscientifiques	Compile and update all available geological information (Kali Property).	GM 67833
2013		Heliborne High Resolution Aeromagnetic Survey (Lac Elmer Property).	GM 68281
2007	Eastmain Resources Inc. / Gérard Lambert Géosciences	Helicopter-borne Magnetometer and VTEM Electromagnetic Surveys (James Bay properties).	GM 63478
1999	Cambior / Eastmain Resources Inc. / Barrick Gold Corporation	Geological Survey (Lac Elmer Property).	GM 57506
1997	Eastmain Resources Inc. / Barrick Gold Corporation	Geological Survey (Lac Elmer Property).	GM 54392
1997	Eastmain Resources Inc. / Barrick Gold Corporation	Geological Survey (Lac Elmer Property).	GM 55790
1996	Eastmain Resources Inc. / Barrick Gold Corporation	Soils Geochemical Survey (Lac Elmer Property).	GM 54391
1988	Westmin Resources Limited	Prospecting program (Westmain Property).	GM 48311
1988	Westmin Resources Limited	Prospecting program (Westmain Property).	GM 46437
1981	Société de Développement de la Baie-James	Airborne Geophysical Survey (Elmer-Eastmain-Lac des Montagnes-Lac du Glas Area).	GM 38445
1980	Société de Développement de la Baie-James	Summary Report (Eastmain Project).	GM 38169
1975	Société de Développement de la Baie-James / Canico	Magnetometer and Spectrometer Survey (Eastmain River).	GM 57885
1936	Dome Mines Limited	Exploration Work (Eastmain River Area).	GM 09863-A

2) Blocks 11, 12 & 13 Areas

Year	Mining Holder	Activity	Reference / statutory works
2012	Virginia Mines Inc. / IOS Services Géoscientifiques	Bottom Lake sediments sampling (Sarcelle Property)	GM 67092
2012	Virginia Gold Mines Inc.	Exploration Program (Sarcelle Property)	GM 68063
2008	Table Jamésienne de concertation minièere	Sakami sediments fluvio-glacial sampling	GM 63631
2007	Beaufield Resources Inc.	Airborne EMosquito II Survey (Opinaca-West Property)	GM 63492
2006	Virginia Gold Mines Inc.	Exploration Program (Saganash Property)	GM 62450
2006	Virginia Gold Mines Inc. / Aeroquest Limited	Helicopter-Borne AeroTEM II Survey (Saganash & LG 3.5 Properties)	GM 62724
2006	Beaufield Resources Inc.	Airborne Geophysical Survey (Opinaca Property)	GM 63412
1978	Société de Développement de la Baie-James	Geological Survey (Opinaca Property)	GM 38158
1977	Société de Développement de la Baie-James / Geoterrex Limited	Airborne Geophysical Survey Interpretation Report (Opinaca River Area)	GM 34166
1977	Société de Développement de la Baie-James	Airborne Geophysical Survey Interpretation Report (Opinaca Property)	GM 38157
1977	Société de Développement de la Baie-James	Airborne Geophysical Survey Interpretation Report (Opinaca Property)	GM 57770
1977	Société de Développement de la Baie-James / Geoterrex Limited	Airborne Geophysical Survey (Chabinoche & Opinaca Rivers Area)	GM 57771

3) Blocks 14 & 15 Areas

Year	Mining Holder	Activity	Reference / statutory works
2012	Virginia Mines Inc. / IOS Services Géoscientifiques	Bottom Lake sediments sampling (Sarcelle Property).	GM 67092
2012	Virginia Gold Mines Inc.	Exploration Program (Sarcelle Property).	GM 68063
1980	Société de Développement de la Baie-James	Nickel prospection (Lien Project) (Lithium-Eastmain-Nemiscau).	GM 37998
1979	SES Mining Group	Summary of former exploration works (La Grande Rivière Bassin).	GM 37017
1979	SES Mining Group	Metallogenic compilation of known mineral occurrences.	GM 37019
1978	Société de Développement de la Baie-James	Bay James Region Uranium potential.	GM 34175
1976	SES Mining Group / Société de Développement de la Baie-James	Photo-interpretation Report (multiple NTS Sheets).	GM 34114
1976	SES Mining Group / Société de Développement de la Baie-James	Summary report of 1975 exploration works (multiple NTS Sheets).	GM 34118
1975	SES Mining Group / Société de Développement de la Baie-James	Uranium prospection (field and aerial surveys) (multiple NTS Sheets).	GM 34117
1975	SES Mining Group	Lake Bottom Sediments Survey (La Grande Rivière and Sakami Lake Area)	GM 50002

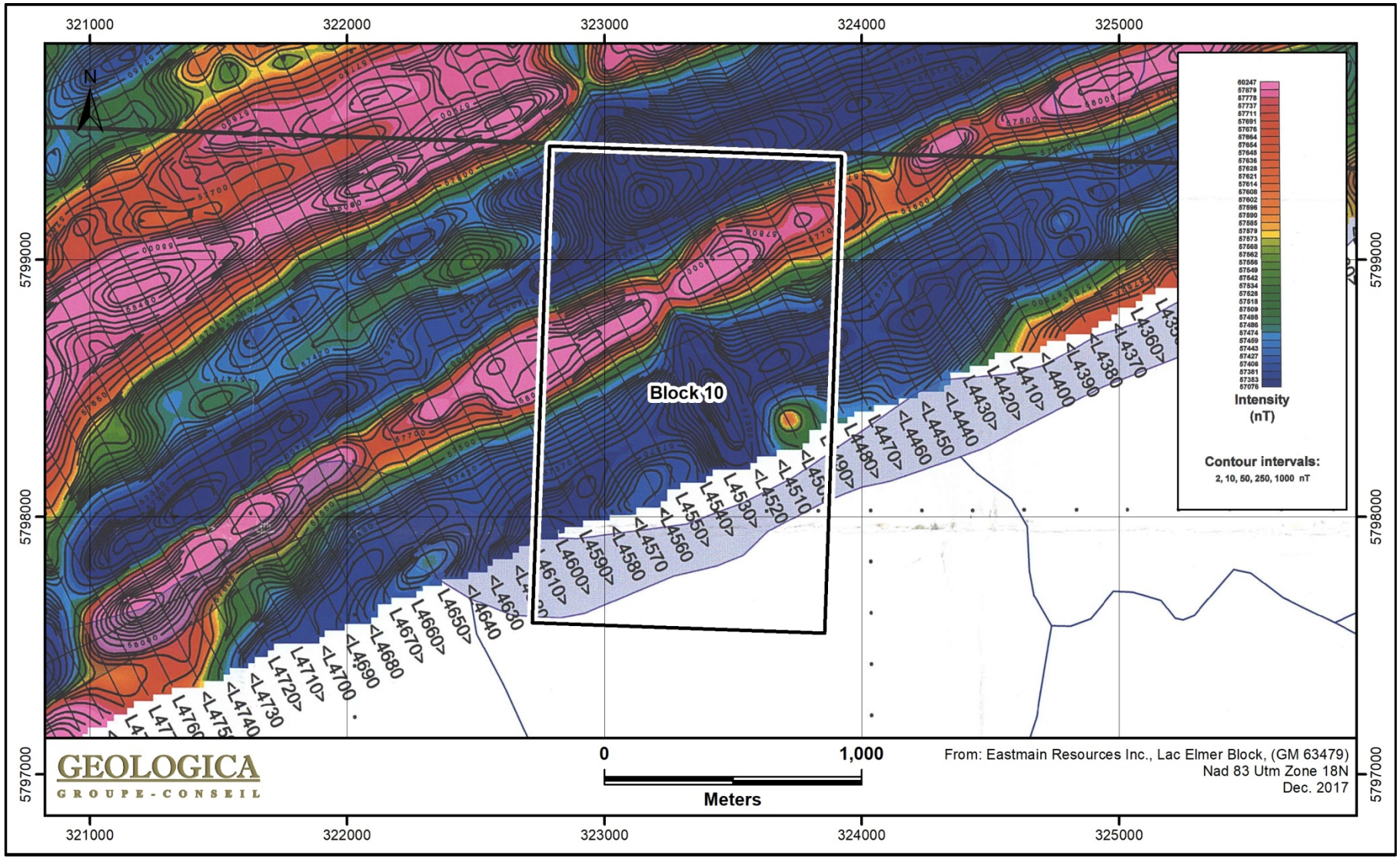


Figure 3 – Geotech VTEM System – Total Field Magnetics (Block 10)

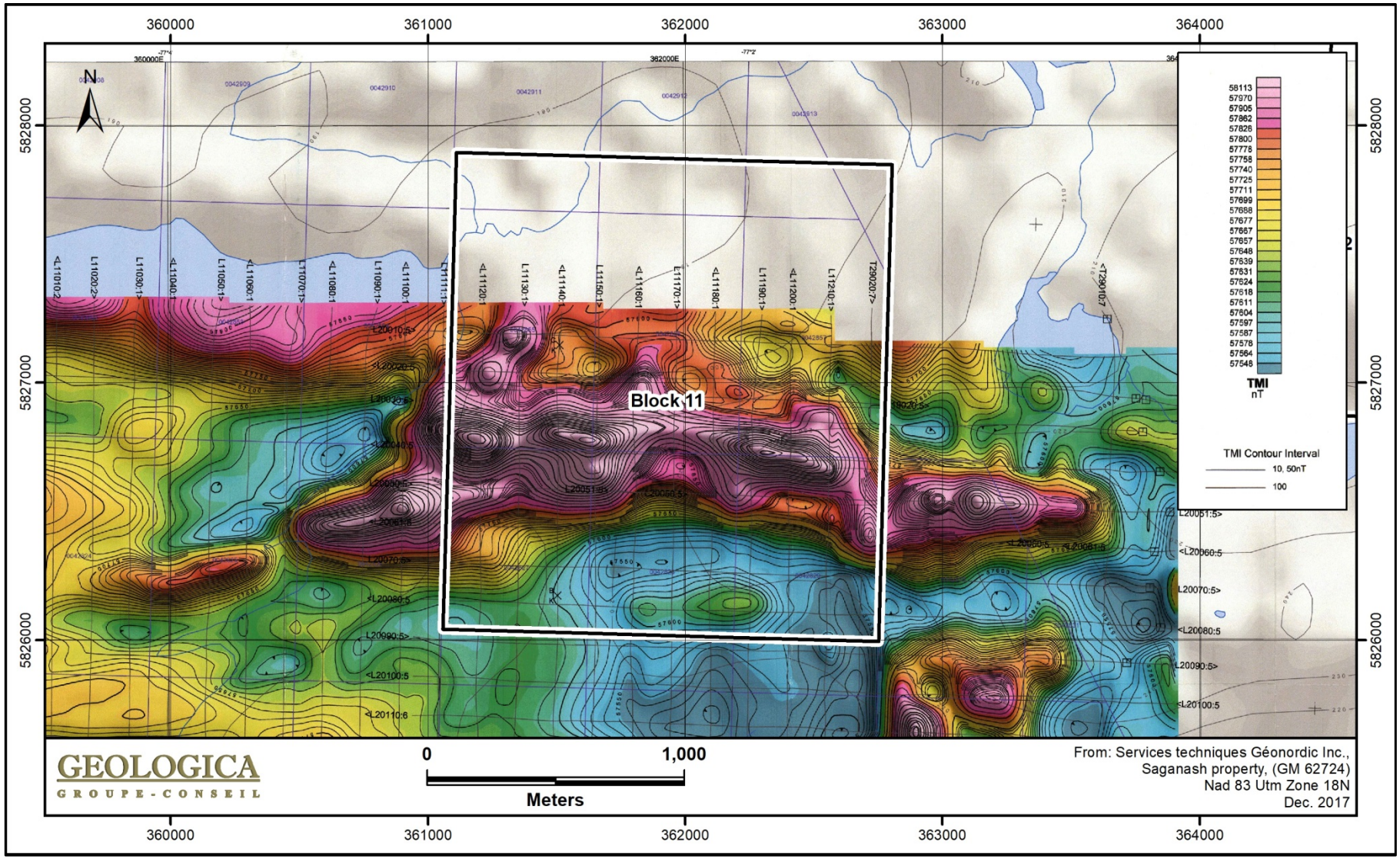


Figure 4 – Heli-Borne AeroTEM II Electromagnetic & Magnetometer Survey (Block 11)

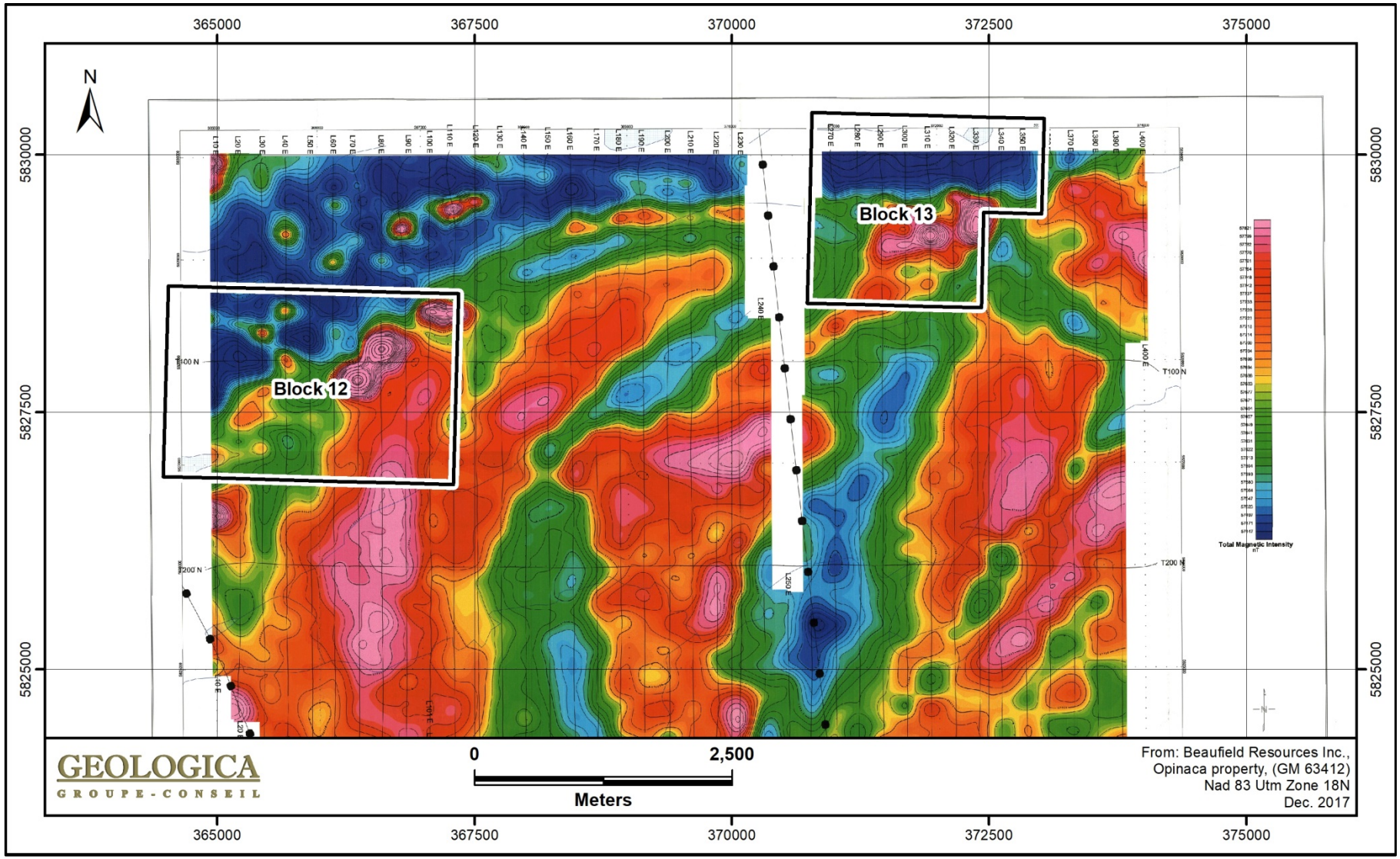


Figure 5 – Airborne Geophysical Survey – Total Magnetic Intensity (Block 12 & 13

7.0 GEOLOGICAL SETTING

7.1 Regional Geology

James Bay Blocks are mainly located in the southeastern part of the La Grande Subprovince except for two (2) Blocks within the Opinaca Subprovince of the Superior Province (Figure 3). The La Grande Subprovince is crescent-shaped, wrapping the south, west and north flanks of the Minto, Ashuanipi and Opinaca Subprovinces, respectively. At a regional scale, the La Grande Subprovince is subdivided into a northern and a southern part referred to as the La Grande River and Eastmain River bands (Moukhsil et al., 2003; Parent, 2011).

The volcano-sedimentary units of the **La Grande River Band** are mainly composed of mafic to felsic volcanic rocks, interbedded with metasedimentary rocks and oxide-facies or magnetite iron formations (Moukhsil et al., 2003).

The volcano-sedimentary units of the **Eastmain River Band** consist of greenschist to amphibolite facies volcanic and metasedimentary rocks (Moukhsil et al., 2003), with radiometric ages ranging from 2752 to 2672 Ma (Parent, 2011). The volcanic sequences are composed of four cycles of tholeiitic rocks that generated komatiitic to rhyolitic lavas and/or tuffs with local calc-alkaline affinities (Moukhsil et al., 2003). The volcanic sequences are overlain by conglomerates and turbiditic greywacke locally containing volcaniclastic/tuffaceous sequences and minor iron formations (Moukhsil et al., 2003).

Franconi's (1978) vintage study of the region suggests that conglomerate sequences were unconformably deposited on the volcanic pile and interpreted to represent the base of the sedimentary sequence (Moukhsil et al., 2003).

Felsic volcanic and volcaniclastic rocks, associated with quartz-feldspar porphyries (Wabamisk Formation), are locally present between the mafic volcanic rocks and the sedimentary sequence (Moukhsil et al., 2003).

Metamorphic grade increases up-stratigraphy as illustrated by greywacke units that gradually develop paragneissic fabrics towards the contact with the Opinaca Subprovince (Moukhsil et al., 2003). The distribution of high grade rocks along the La Grande Subprovince's boundary is perceived as a thermal aureole developed around the migmatized Opinaca Subprovince (Moukhsil et al., 2003).

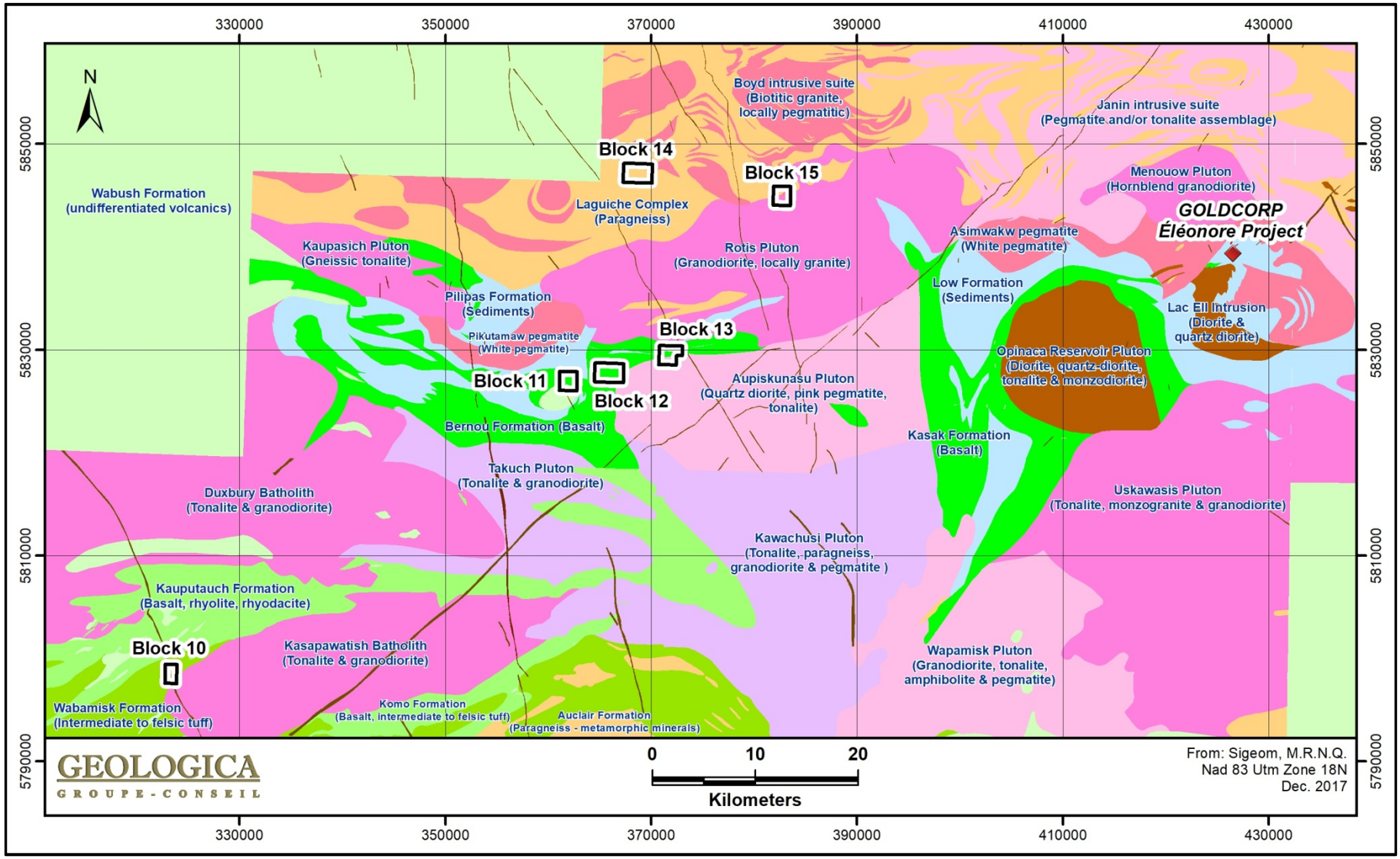


Figure 6 – Regional Geology

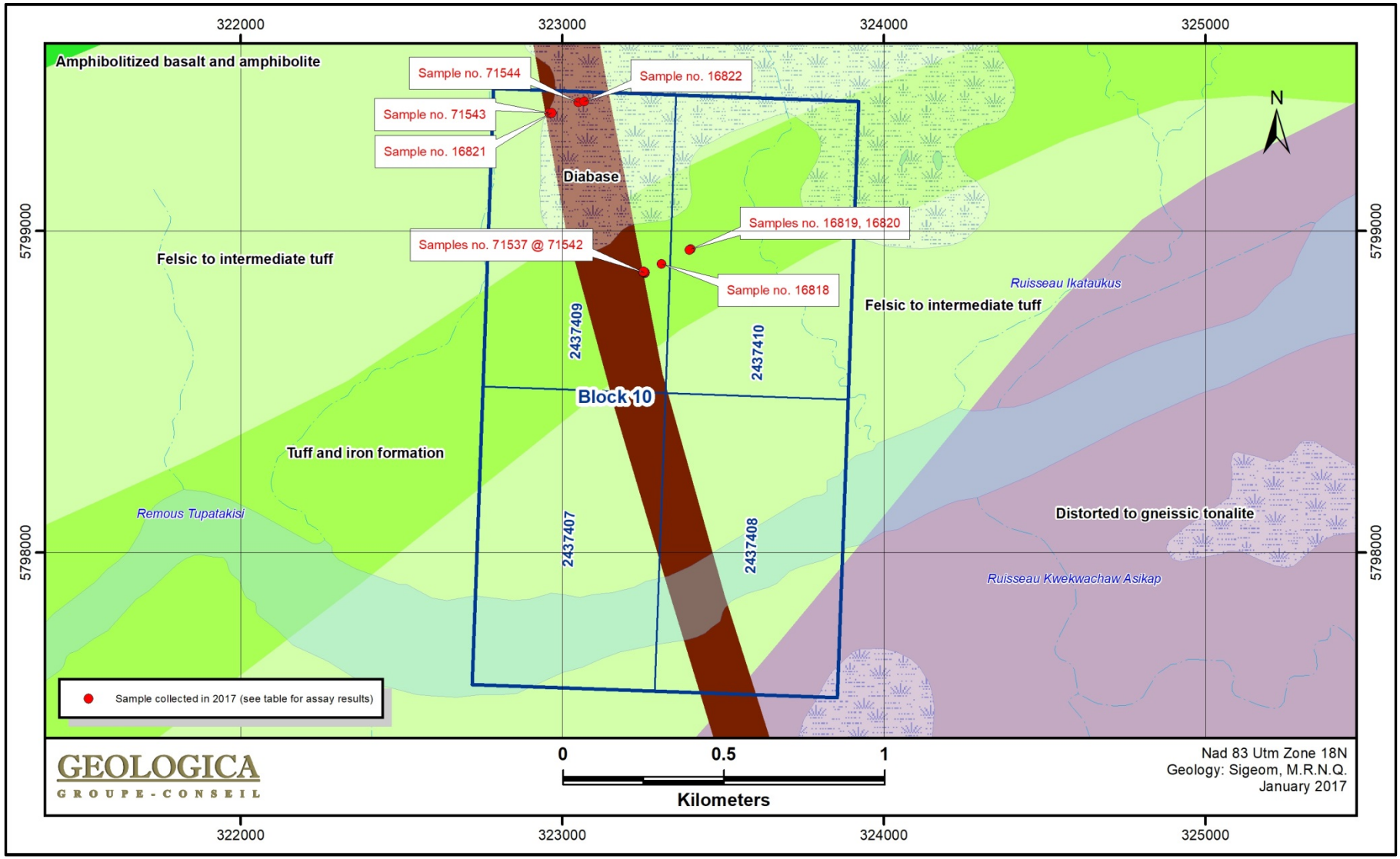


Figure 7 – Block 10 - Geology

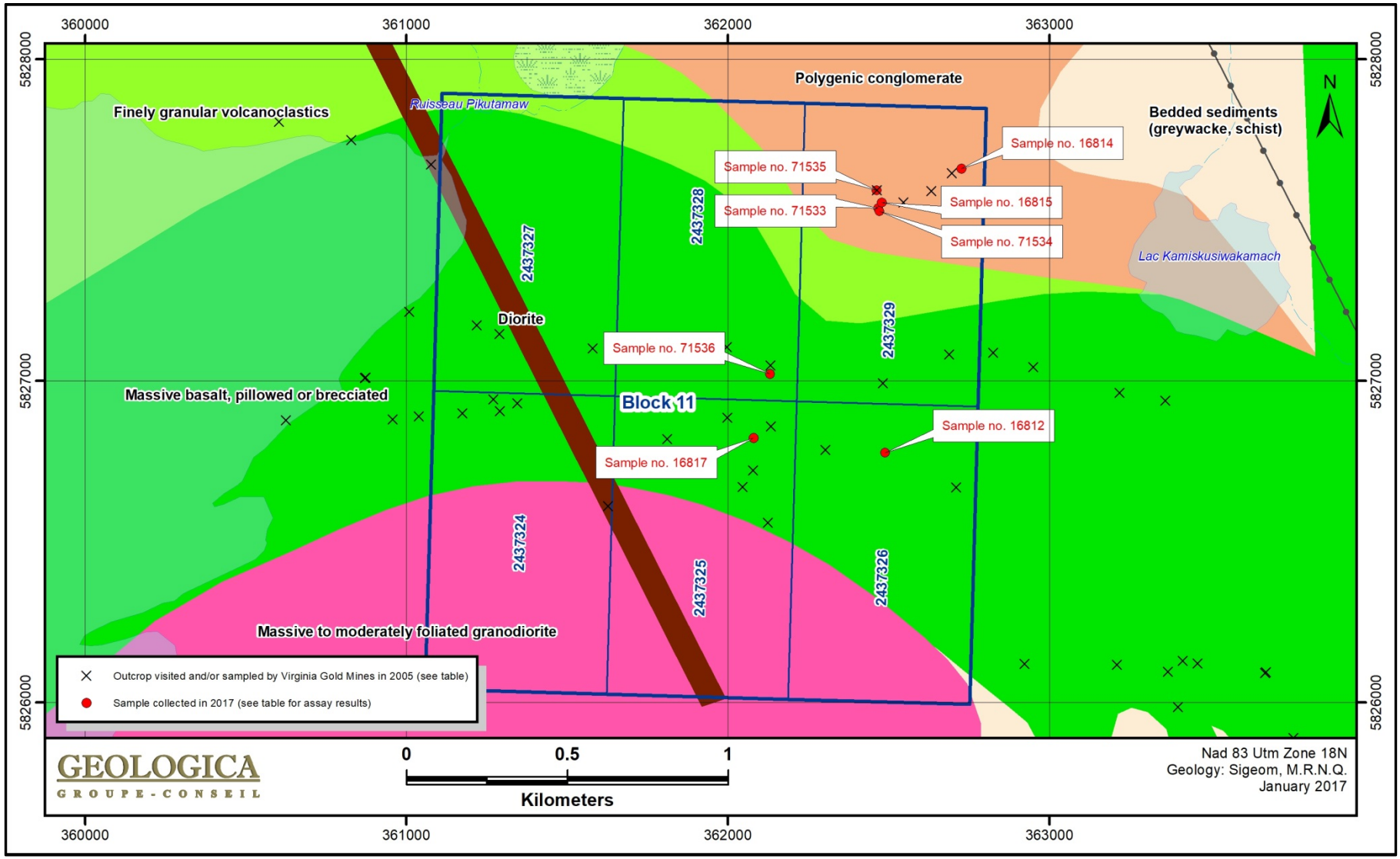


Figure 8 – Block 11 - Geology

Table 3 – Samples collected in 2005 by Virginia Gold Mines on the current Block 11 Area (former Saganash Property)

	Sample Id	Nad 83 Utm Zone 18 N		Au ppb	Ag ppm	Cu ppm	Zn ppm	Source
		Easting	Northing					
1	32888	362464	5827592	<5	<0.2	7	69	GM 62450
2	32889	362546	5827555	<5	<0.2	5	20	GM 62450
3	32890	362633	5827590	<5	<0.2	20	33	GM 62450
4	32891	362697	5827645	<5	<0.2	46	26	GM 62450
5	32892	363219	5826962	8	<0.2	111	31	GM 62450
6	32893	362688	5827082	9	<0.2	473	19	GM 62450
7	32894	361829	5827125	23	<0.2	586	15	GM 62450
8	32895	361579	5827101	38	<0.2	166	19	GM 62450
9	32896	361290	5827145	10	<0.2	109	16	GM 62450
10	32897	361009	5827214	10	<0.2	68	5	GM 62450
11	32916	363211	5826116	<5	<0.2	61	45	GM 62450
12	32932	360871	5827008	27	<0.2	132	14	GM 62450
13	32933	360873	5827010	8	<0.2	161	17	GM 62450
14	32934	361812	5826818	<5	<0.2	11	20	GM 62450
15	32956	361402	5825860	<5	<0.2	15	38	GM 62450
16	32957	363415	5826128	<5	<0.2	47	26	GM 62450
17	32976	361291	5826905	17	<0.2	54	2	GM 62450
18	33106	360603	5827805	32	<0.2	40	24	GM 62450
19	33116	361174	5826899	9	<0.2	21	13	GM 62450
20	33117	361271	5826942	17	<0.2	110	62	GM 62450
21	33118	361345	5826929	30	<0.2	43	46	GM 62450
22	33119	362711	5826668	12	<0.2	153	10	GM 62450
23	33385	360957	5826879	<5	<0.2	84	18	GM 62450
24	33386	360625	5826877	100	<0.2	35	187	GM 62450
25	64001	363672	5826091	12	<0.2	183	17	GM 62450
26	64002	363674	5826093	35	<0.2	10	19	GM 62450
27	64003	363235	5825614	24	0.5	23	26	GM 62450
28	64004	363024	5825462	8	<0.2	10	15	GM 62450
29	74750	363721	5825635	8	<0.2	12	10	GM 62450

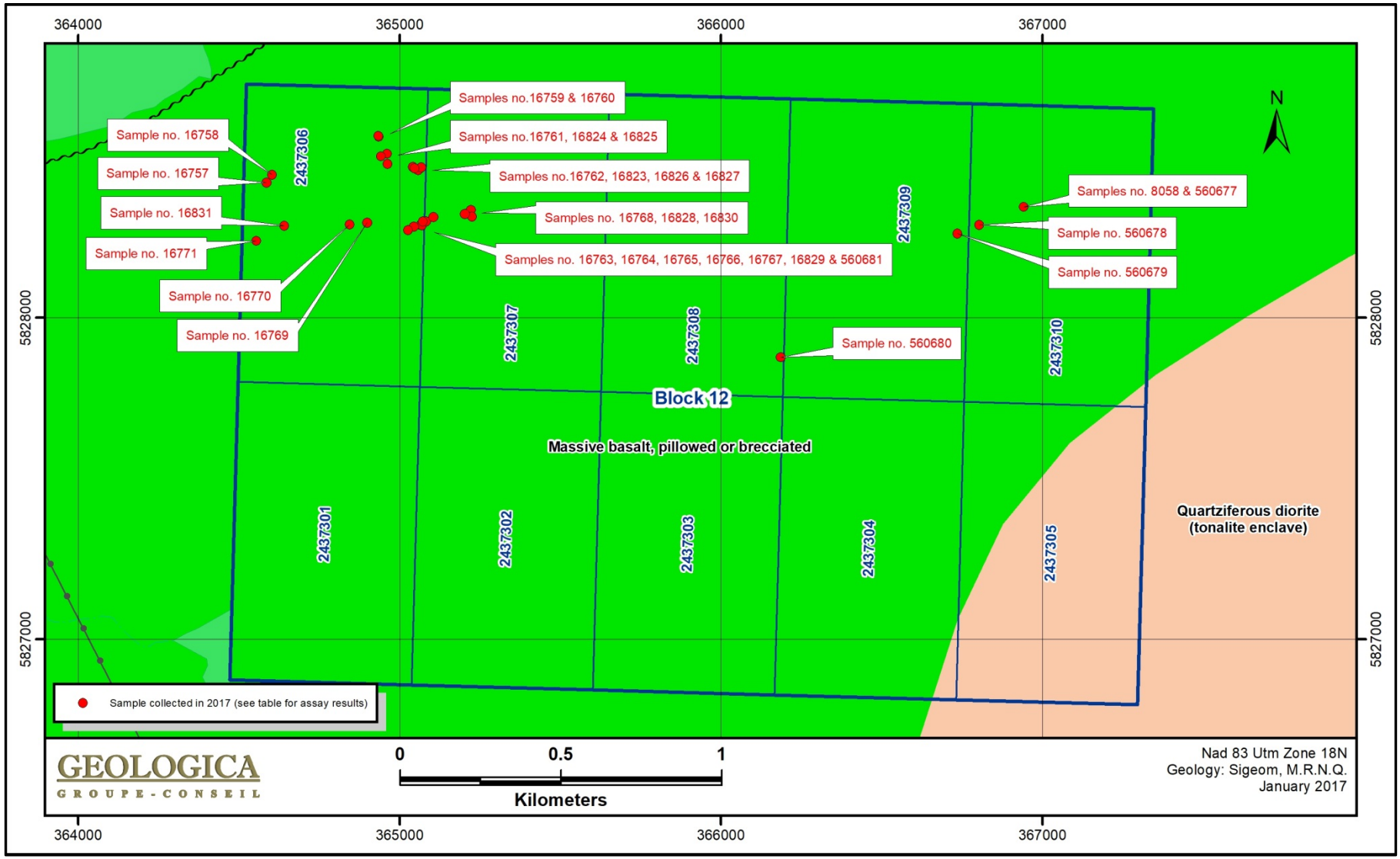


Figure 9 – Block 12 - Geology

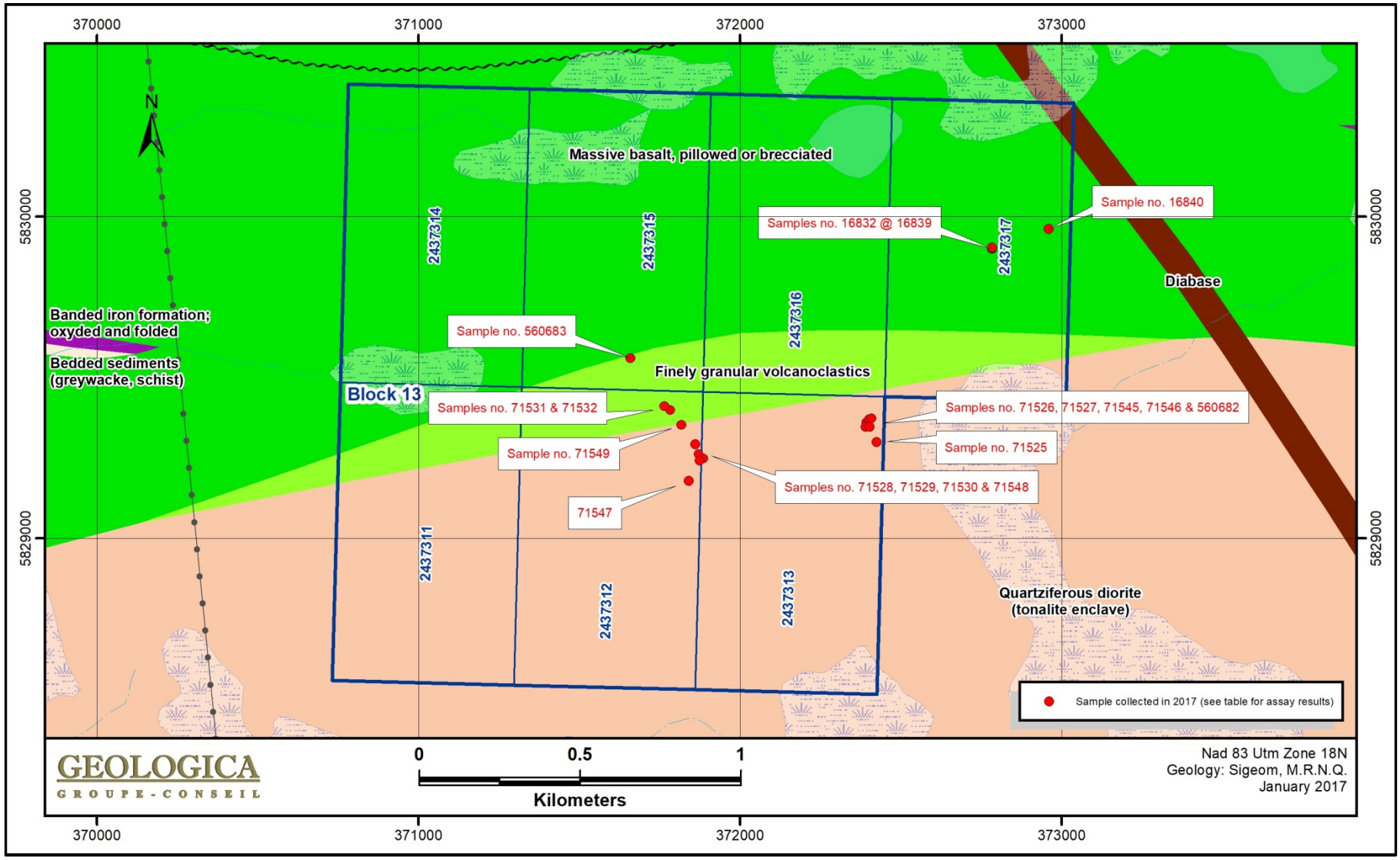


Figure 10 – Block 13 - Geology

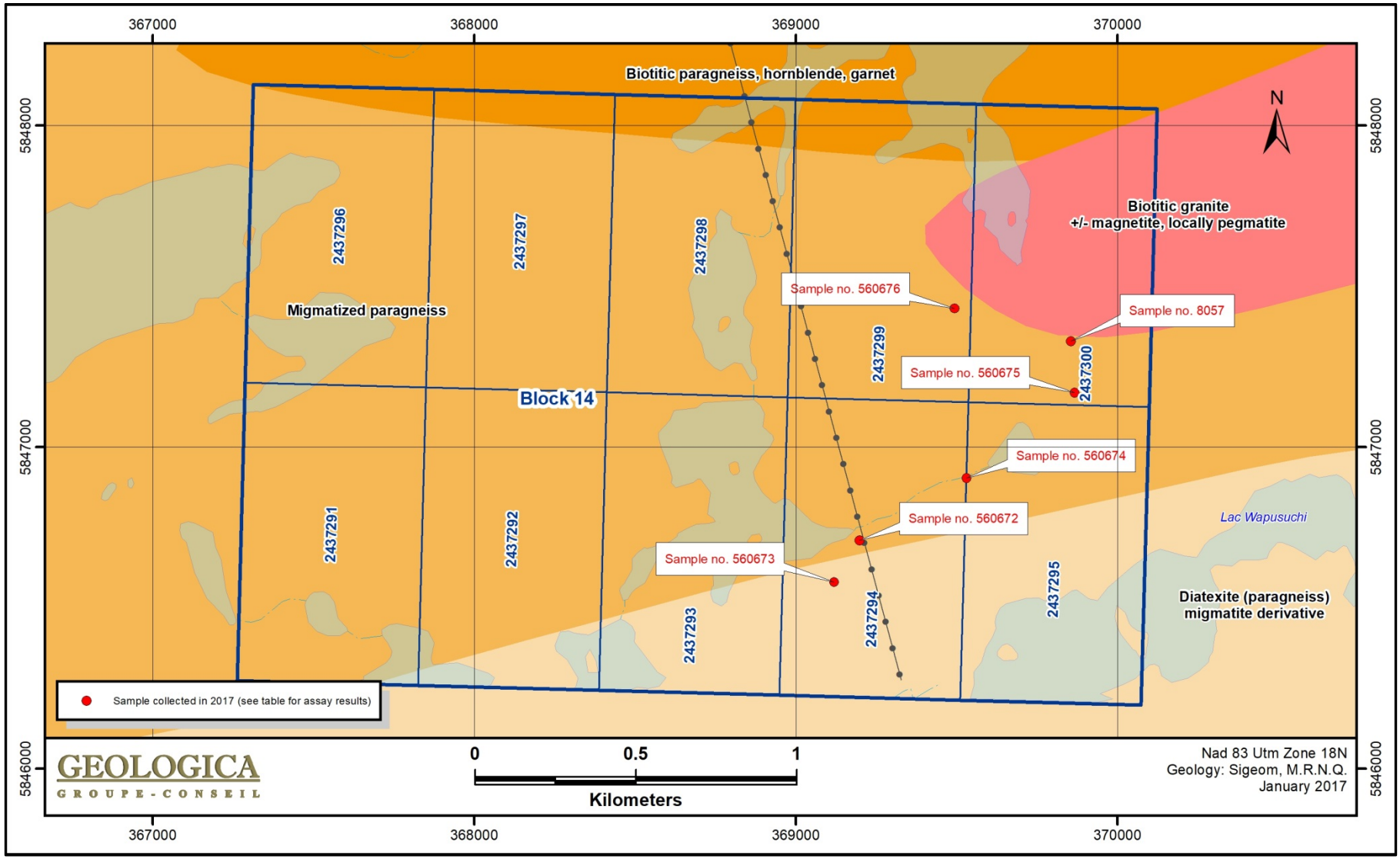


Figure 11 – Block 14 - Geology

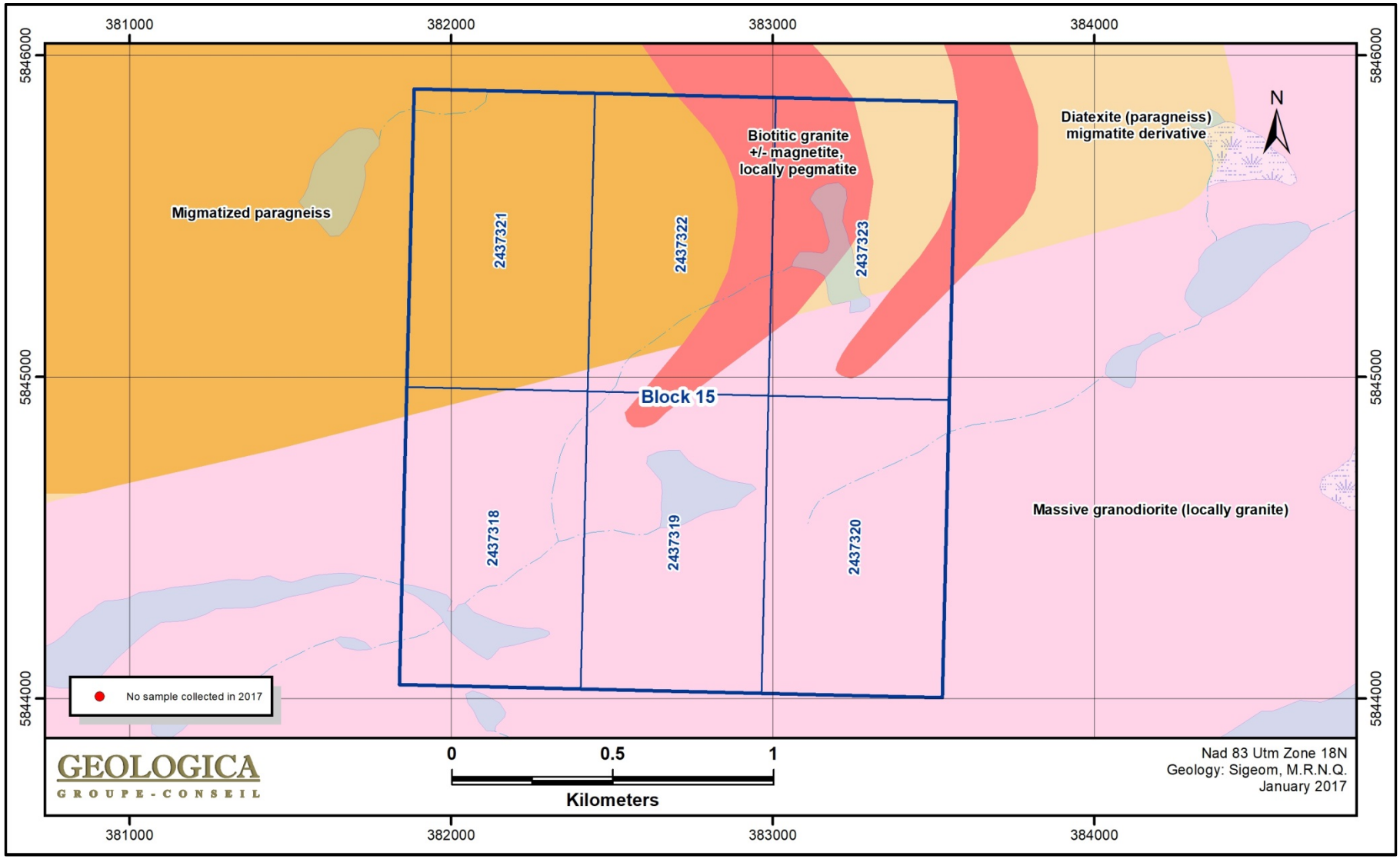


Figure 12 – Block 15 - Geology

7.2 Local Geology

7.2.1 James Bay Block 10

This block is located within the Wabamisk Formation of the Basse-Eastmain Group from the La Grande Sub-Province. This Formation consists of amphibolitised basalt, amphibolite, blocky tuff, volcaniclastic, polygenic conglomerate and iron formations. A Proterozoic diabase dyke cuts all units (Figures 4).

On this block only ash tuffs and blocky tuffs with an iron formation of this Formation were observed during the recent reconnaissance mapping with a diabase Proterozoic dyke. A small part of the Kasapawatish Batholith is present in the SE corner of this Block. It consists of a gneissic tonalite, characterized by alternating bands of felsic (quartz & feldspar) to mafic (hornblende & biotite) composition.

7.2.2 James Bay Blocks 11, 12 and 13

These blocks are located within the Bernou Formation and apart of the Pilipas Formation of the Eastmain Group from the La Grande Sub-Province. This Formation consists of basalt, andesitic basalt, rhyolite, anorthositic gabbro and volcaniclastic units. A Proterozoic diabase dyke cuts all units in Blocks 11 and 13. A small pluton of granodioritic composition is present in the southern part of Block 11 (Figures 5, 6 & 7).

Bernou Formation

The basaltic unit consists mainly of massive, pillowed or brecciated, locally glomeroporphyric, vesicular or amphibolitic and rare levels of andesitic composition. The pillows are stretched and can reach 1 meter in width and 40 cm in height. Their border is strongly epidotised and may contain garnet and traces of sulphides. The peduncles are filled with quartz, epidote and locally garnet.

Locally this Formation also includes levels 1 to 10 meters thick consisting of ultramafic lava, black mudstone, arkosic sandstone and oxidized iron formations. Ultramafic lavas are strongly magnetic and pale green in surface altered. Black mudstones are graphitic and contain 5 to 10% pyrite and magnetite. The arkosic sandstones are massive to finely laminate. They contain 60% quartz, 10 to 15% biotite and about 5% finely disseminated pyrite. The iron formations are very folded, broken up and discontinuous. They consist of alternating cherty bands and garnet-rich bands. It is injected in several places by white pegmatites with tourmaline + muscovite + garnet ± molybdenite, as well as by dykes of felsic to intermediate composition, with phenocrysts of quartz or feldspar, generally chloritized and containing between 3 and 5 % of microgarnets.

In the northern part of Block 11 and in the central part of Block 13 consists of alternating levels of crystal felsic tuffs and intermediate lapilli or block tuff, metric to

hectometric in thickness. They are slightly magnetic and locally banded. They contain rounded or rectangular quartz phenocrysts bathed in a fine matrix rich in plagioclase. Garnet (1 to 3%) was observed in the schistosity planes. The lapilli or block tuffs are finely grained fragments locally contain more than 50% lapilli or blocks of mafic to intermediate composition. The volcaniclastics are intersected, in places, by venules with epidote±garnet±tourmaline.

The southern part of Block 13 and southeastern corner of Block 12 and 13 are dominated by the Aupisskunasy Pluton and consists of massive, weakly foliated, porphyritic-textured quartz diorite marked by the presence of 10 to 20% plagioclase phenocrysts 0.5 to 1 cm in length. It contains 20 to 60% of mafic minerals and is slightly magnetic. Locally, this rock is intersected by a later and coarser diorite. In the western part of the pluton (in Block 12), the composition gradually changes to that of hornblende and biotite tonalite, rich in titanite (5%).

Pilipas Formation

The Pilipas Formation has been divided into four informal units. At the base is a polygenic conglomerate unit, followed by iron formations and a stack of sandstone, wacke, and shale.

These units were identified in the NE corner of Block 11. The polygenic conglomerate unit consists of a clast-supported polygenic conglomerate in metric to decametric banks. It consists of basalt fragments (30%), sedimentary rocks (5%), quartz-feldspar porphyry (5%) and granitoid (60%). The fragments are stretched, flattened or rounded and their size varies from a few mm to 50 cm. In the deformation zones, they are strongly stretched in proportions of 10: 1. Locally, polygenic matrix supported conglomerates of angular fragments of sedimentary rocks and granitoids occur and the matrix contains up to 60% mafic minerals (amphibole and biotite). This unit also contains horizons of decimetric to metric biotite wacke thickness, locally rich in sillimanite (10%) and garnet (15%).

The stacking of sedimentary units forms a large sedimentary band that extends from east to west 28 km long and 2 to 3 km wide (only present in the NE corner of Block 11). It consists of 80% sandstone and wacke sandstone facies and 20% sandstone facies, locally arkosic. The facies of massive sandstone forms bands of metric to decametric thickness.

7.2.3 James Bay Blocks 14 & 15

These blocks are located within of the Laguiche Complex of the Opinaca Sub-Province.

The units consist of paragneisses with 20-50% of mobilisat and some heterogenous and banded diatexites (biotite±hornblende±garnet±pyroxene). Some intrusive units are also observed and consist of granite, hornblende granodiorite and pegmatites with fragments of amphibolitic composition (Figures 8 & 9).

8.0 DEPOSIT TYPE

In the area of the Wemindji Exploration Claim Blocks, the mineralization occurs as replacement type gold mineralization of hydrothermal or epigenetic source such as the Goldcorp Éléonore Mine, a world-class gold deposit with reserves of 3.8 million ounces of gold of proven and probable resources of 1.34 million ounces and inferred resources of 1.99 million ounces of gold. The mineralization of the Éléonore deposit consists of finely disseminated pyrrhotite, pyrite and arsenopyrite in well-wacked wackes of the Low Formation. A part of the mineralization is also associated with metasomatic veins with cordierite + tourmaline + biotite + garnet ± sulphides. The Opinaca reservoir sector is also known for its potential in Au-Cu porphyritic type mineralization like those observed on the Ell Lake showing (Costa and Ouellette, 2003).

More recently Azimut Exploration Inc. and Sirios Resources Inc. have had significant results from their surface channel sampling and follow up diamond drilling on targets hosted within the tonalite intrusion. The gold (Au) mineralization is associated with high grade gold-bearing quartz-feldspar pegmatite vein system where surface and drilling results clearly indicate the potential for grade and geometric continuity. The mineralized gold zones are also associated to quartz-albite-biotite stockworks or networks of quartz-albite veinlets of variable density both accompanied with arsenopyrite, pyrite, pyrrhotite and frequent native gold. Both types are interpreted to be part of an extensive late magmatic hydrothermal system related to the tonalite intrusion. The surrounding metasediments may host targets depending on favourable lithological and structural settings.

The regional fieldwork realized by the Quebec Ministry of Natural Resources (RP 2009-06 and RG 2001-08) has permitted to identify six regional metallogenic contexts: 1) Au-Cu-Ag mineralization from porphyry type; 2) volcanogenic massive sulphide (VMS) type; 3) gold mineralization associated with regional deformation zones; 4) the Epigenetic gold mineralization associated with metasomatic veins; 5) gold mineralization associated with iron formations and 6) mineralization in rare metals associated with tourmaline pegmatites.

9.0 EXPLORATION WORK

Between August 07 and 13, 2017, prospection, geological reconnaissance and sampling were completed by Geologica with the assistance of G.L. Geoservices. A total of eighty-one grab samples were taken during these surveys.

James Bay Block 10

A beep-mat survey using GPS location (Global Positioning System), along the outcrop areas, was completed on this block by G.L. Geoservices of Rouyn-Noranda (Quebec) with prospection and sampling. Thirteen (13) samples were collected during this survey (table herbelow). The mineralization mainly consists of 2-5% disseminated pyrite within felsic to intermediate tuffs and boulders of graphitic shale with 10-20% pyrite.

Sample	Easting	Northing	Au	Ag	Cu	Zn
			ppm	ppm	ppm	ppm
71537	323256	5798870	-0.005	0.2	42	29
71538	323256	5798871	0.007	-0.2	73	69
71539	323252	5798872	0.007	-0.2	12	39
71540	323252	5798873	0.008	-0.2	67	7
71541	323251	5798873	-0.005	-0.2	34	36
71542	323252	5798874	0.008	-0.2	21	25
71543	322960	5799367	0.059	0.2	9	37
71544	323050	5799400	0.01	0.2	46	34
16818	323309	5798897	-0.005	-0.2	37	42
16819	323400	5798943	0.009	-0.2	27	44
16820	323396	5798940	0.005	-0.2	25	46
16821	322968	5799367	0.038	-0.2	127	53
16822	323068	5799403	-0.005	-0.2	18	45

James Bay Block 11

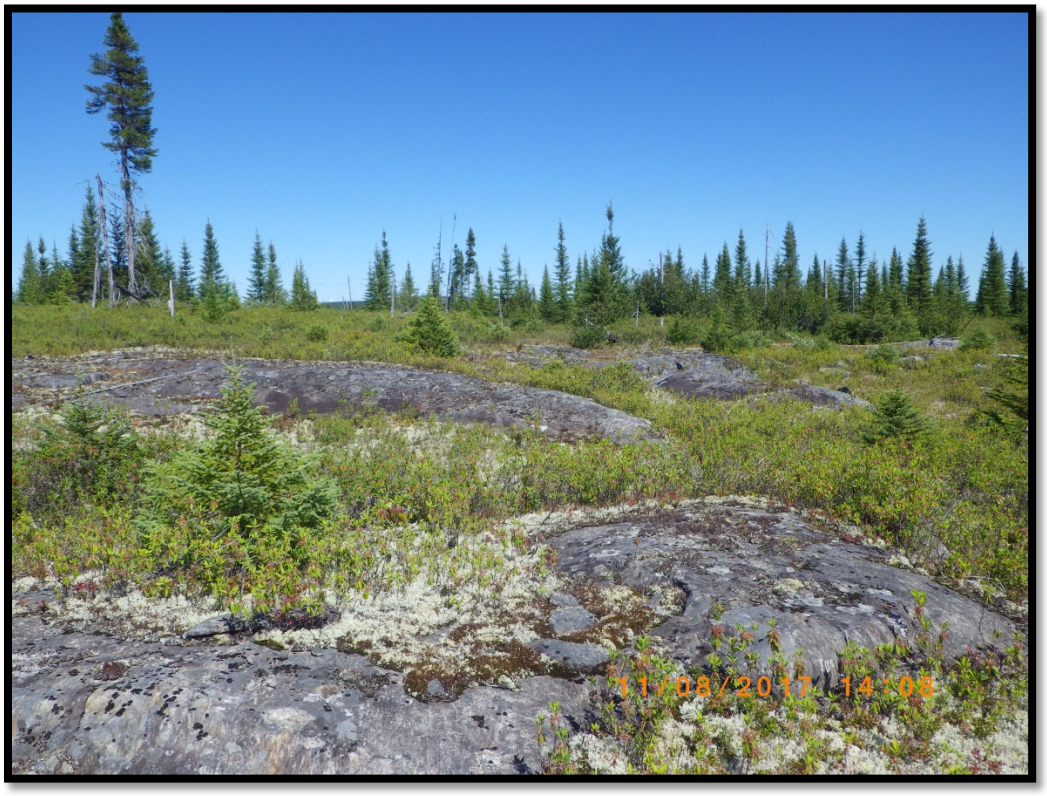
A beep-mat survey using GPS location over subcroping area, was completed by G.L. Geoservices in Rouyn-Noranda (Quebec) with prospection and sampling. Eight (8) samples were taken during this survey (table herbelow). The mineralization mainly consists of quartz veins within gneissic units, magnetic gabbro, metavolcanite and a boulder of quartzite with 1-2% pyrite.

Sample	Easting	Northing	Au	Ag	Cu	Zn
			ppm	ppm	ppm	ppm
16812	362489	5826776	0.005	-0.2	17	16
16814	362726	5827661	-0.005	-0.2	28	43
16815	362478	5827554	0.018	-0.2	5	16
16817	362080	5826823	-0.005	-0.2	2	35
71533	362468	5827537	0.01	0.5	71	78
71534	362472	5827527	0.011	0.3	49	141
71535	362462	5827592	0.007	0.4	107	10
71536	362131	5827022	-0.005	-0.2	49	21

James Bay Block 12

A reconnaissance mapping, using GPS location and prospection, along the outcrop areas, were completed on this block by Geologica. Five (5) samples were collected (table and photos herebelow). The mineralization mainly consists of quartz veins and veinlets within amphibolite with trace to 3% disseminated pyrite, boulders of quartzite with 3-5% disseminated pyrite, lapilli tuffs with pyrite traces and massive iron formation. A grab sample within iron formation has revealed an anomalous gold value of 0.069 g/t Au (sample # 560681).

Sample	Easting	Northing	Au	Ag	Cu	Zn
			ppm	ppm	ppm	ppm
560677	366941	5828344	-0.005	-0.2	29	39
560678	366803	5828288	0.023	-0.2	4	15
560679	366735	5828262	0.019	-0.2	110	26
560680	366185	5827876	0.009	-0.2	14	6
560681	365026	5828272	0.069	-0.2	7	11
8058	366941	5828344	-0.005	-0.2	104	39



Series of paragneiss and amphibolite outcrops

Massive iron formation with magnetite and traces of pyrite

Iron formation with breccia zone (1-2% pyrite)

A beep-mat survey using GPS location, along the outcrop areas, was completed on this block by G.L. Geoservices of Rouyn-Noranda (Quebec) following by prospection and sampling. Twenty-four (24) samples were collected (table herebelow) and the mineralization mainly consists of biotite paragneiss with pyrite traces, silicified iron formations with locally 15-30% pyrite and rusty quartzite with 3-5% disseminated pyrite. One of the samples taken, within the quartzite, contains copper and zinc revealing 365 ppm and 128 ppm respectively.

Sample	Easting	Northing	Au	Ag	Cu	Zn
			ppm	ppm	ppm	ppm
16757	364585	5828420	0.008	-0.2	19	14
16758	364603	5828445	0.006	0.2	16	27
16759	364935	5828563	-0.005	-0.2	12	26
16760	364934	5828565	0.006	0.2	8	38
16761	364962	5828478	-0.005	-0.2	24	33
16762	365041	5828469	0.011	-0.2	35	29
16763	365065	5828288	-0.005	-0.2	6	5
16764	365069	5828287	-0.005	-0.2	29	49
16765	365044	5828283	0.006	0.2	21	26
16766	365082	5828300	0.006	-0.2	5	21
16767	365072	5828299	0.008	-0.2	15	28
16768	365221	5828334	-0.005	-0.2	17	20
16769	364899	5828296	0.005	-0.2	13	31
16770	364844	5828290	-0.005	-0.2	12	18
16771	364555	5828239	-0.005	-0.2	9	54
16823	365058	5828460	-0.005	0.3	81	354
16824	364961	5828510	0.005	0.4	66	33
16825	364942	5828502	0.005	-0.2	15	6
16826	365067	5828468	-0.005	-0.2	365	128
16827	365046	5828465	-0.005	-0.2	13	11
16828	365225	5828314	-0.005	-0.2	16	60
16829	365105	5828313	0.018	0.3	5	2
16830	365202	5828323	-0.005	-0.2	9	46
16831	364641	5828286	0.016	0.5	4	32

James Bay Block 13

A reconnaissance mapping with prospection using GPS location, along the outcrop areas, was completed on the block by Geologica. Two (2) samples were collected (table herebelow). The mineralization mainly consists of strongly folded silicified iron formation with 15-20% pyrrhotite and 1-3% pyrite.

Sample	Easting	Northing	Au	Ag	Cu	Zn
			ppm	ppm	ppm	ppm
560682	372404	5829347	0.011	-0.2	6	8
560683	371659	5829560	0.01	0.6	13	10

Silicified Banded Iron Formation with 5-10% pyrite and 15-20% pyrrhotite

Amphibolite with 2-5% fine quartz-calcite veinlets

Over the outcroping and subcroping areas, a beep-mat survey using GPS location was completed on this block by G.L. Geoservices of Rouyn-Noranda (Quebec) with prospection and sampling. Twenty-two (22) samples were collected (table herebelow). The mineralization mainly consists of silicified iron formations with locally 5-20% pyrite and 2-20% pyrrhotite, and amphibolitic gneiss with 15-20% disseminated pyrite. Four of these samples within the iron formation, the silicified gneiss and the amphibolitic gneiss contains copper (301 ppm - amphibolitic gneiss) and zinc (320, 151 and 132 ppm - iron formation). The silicified gneiss contains silver revealing values of 5.8, 2.6 and 1.3 g/t Ag.

Sample	Easting	Northing	Au	Ag	Cu	Zn
			ppm	ppm	ppm	ppm
71525	372424	5829299	0.012	0.2	27	12
71526	372393	5829361	-0.005	-0.2	16	10
71527	372402	5829370	-0.005	0.4	64	44
71528	371871	5829262	0.01	-0.2	49	9
71529	371885	5829248	-0.005	0.2	23	28
71530	371861	5829292	-0.005	-0.2	10	4
71531	371784	5829399	-0.005	-0.2	16	13
71532	371765	5829410	0.014	0.5	52	19

Sample	Easting	Northing	Au	Ag	Cu	Zn
			ppm	ppm	ppm	ppm
71545	372410	5829373	-0.005	0.3	29	9
71546	372391	5829347	-0.005	0.5	26	24
71547	371840	5829179	-0.005	0.2	14	13
71548	371875	5829241	-0.005	0.4	31	11
71549	371817	5829352	-0.005	0.6	66	9
16832	372784	5829900	<0.005	0.5	41	320
16833	372784	5829901	0.05	0.2	52	151
16834	372784	5829901	<0.005	0.2	8	34
16835	372784	5829904	0.011	5.8	48	98
16836	372784	5829904	<0.005	2.6	41	87
16837	372784	5829904	<0.005	1.3	26	79
16838	372784	5829904	<0.005	3	24	61
16839	372784	5829904	<0.005	0.4	31	132
16840	372960	5829962	<0.005	0.3	301	7

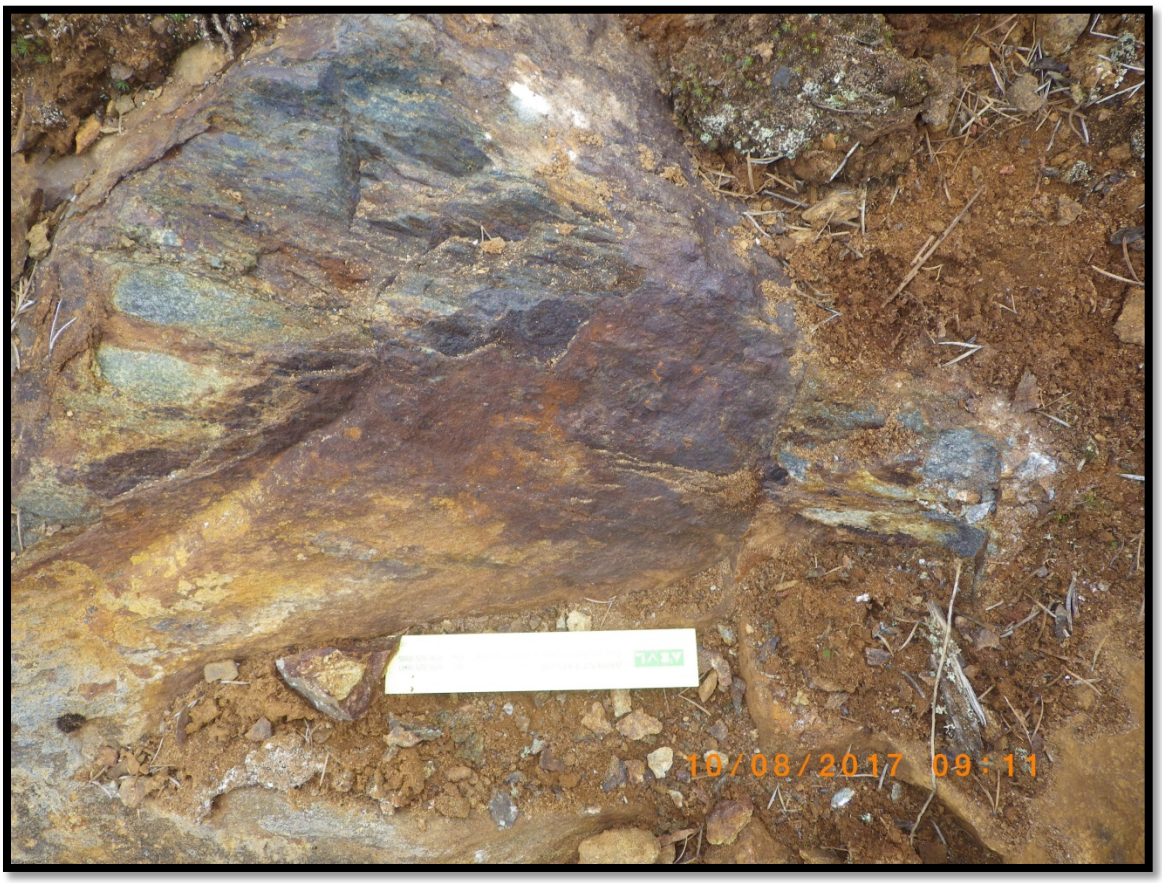
James Bay Block 14

A reconnaissance mapping with prospection using GPS location, along of the outcrop areas, was completed on this block by Geologica. Six (6) samples were collected (Table and photos herebelow). The mineralization mainly consists of a series of paragneiss with trace to 1% disseminated pyrite. Anomalous value in silver and copper (0.4 g/t Ag & 153 ppm Cu) was obtained within a banded paragneiss with 1% disseminated pyrite (sample # 560672)

Sample	Easting	Northing	Au	Ag	Cu	Zn
			ppm	ppm	ppm	ppm
8057	369856	5847330	-0.005	-0.2	28	27
560672	369198	5846711	0.008	0.4	153	13
560673	369119	5846580	-0.005	-0.2	43	38
560674	369532	5846904	-0.005	-0.2	26	33
560675	369868	5847170	-0.005	-0.2	8	10
560676	369493	5847431	-0.005	-0.2	49	91

Paragniess with some quartz veinlets

Banded paragneiss with smoky quartz veins and veinlets



Oxided paragneiss with 1-2% pyrite

Amphibolitized metavolcanite (basalt ?) with quartz-calcite veinlets

Paragneiss with quartz-feldspar pegmatites

James Bay Block 15

A beep-mat survey, using GPS location along of the outcrop areas was completed on this block by G.L. Geoservices of Rouyn-Noranda (Quebec) with prospection. No mineralization was observed during this survey. The lithological units are mainly banded paragneiss with some fragments of amphibolite.

10.0 DRILLING

No drilling was performed by Wemindji Exploration Inc.

11.0 PREPARATION, ANALYSIS AND SECURITY

Geologica has collected, for analysis, eighty-one (81) rock samples during the 2017 reconnaissance mapping and prospection survey from outcrops and angular blocks. Two (2) Quality Assurance, Quality Control (QAQC) standard and blank were also submitted at the independent and certified laboratory (ISO 9000-2008 and ISO 17025) ALS Minerals Laboratory in Val-d'Or, Quebec (formerly named ALS Chemex).

1) Each sample was collected using a sledge hammer with a chisel, and samples that were sampled were altered volcanoclastic and volcanic units, veins, shearing zones and intrusive units;
2) The sample was placed in a plastic bag and tied with a tie wrap. A numbered sample tag was also placed in the plastic bag with the sample. Each sample number is unique and entered in the database;
3) A lab requisition form was completed with the instructions for assay procedure. The samples requisition forms were delivered by Geologica to the accredited laboratory, ALS Minerals in Val-d'Or, Quebec and a requisition form was signed;
4) At the laboratory, the samples underwent customary crushing and pulverizing techniques. The entire sample was passed through a primary crusher to a fine crushed product where greater than 70% passed through a minus 2 mm (-10 mesh) screen. Samples were then riffle split to obtain a one kg sample. The one kg crushed sample was then pulverized in a tungsten carbide ring mill pulverizer. All samples were pulverized greater than 75% of the ground material passing through a minus 75-micron screen. Samples were analyzed by ALS Minerals in Val-d'Or for Au (FA-AA) and gravity finish (FA-GRAV), and also for 35 elements by Aqua regia.

The authors agree with the sampling method which is a common standard use in the mining industry.

12.0 DATA VERIFICATION

The majority of the historical information used in this report was mainly taken from reports produced before the implementation of National Instrument 43-101 (the "NI 43-101") for the *Standards of Disclosure for Mineral Projects* within Canada. Little is known about sample preparation or analytical and security procedures for the historical work in the reviewed documents. The authors have reviewed and verified the existing data of all available past and recent reports. According to elements reported in the statutory documents, sampling work and the analysis thereof seem to have been done according to standards in force at that time and are still valid today, even though the procedure and method are not described.

13.0 MINERAL PROCESSING AND METALLURGICAL TESTING

No Mineral Processing and Metallurgical testing has yet been undertaken by Wemindji Exploration Inc.

14.0 MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES

No Mineral Resource and Mineral Reserve Estimates have yet been undertaken by Wemindji Exploration Inc.

15.0 ADJACENT PROPERTIES

Matamec Explorations Inc.

Surrounding Wemindji Claim Blocks 11, 12 and 13, the Opinaca Gold West Property, acquired by Matamec in 2016 and part of former Virginia Gold Mines Eleonore Property, includes 358 claims covering more than 18,000 hectares. The block overlay about 40 kilometres of prospective volcano-sedimentary belt in a generally east-west orientation and covers a series of geochemical gold-arsenic anomalies and geological elements that indicate the presence of a gold bearing system such as arsenopyrite and tourmaline. High gold-arsenic concentrations were also obtained from lake sediments in the property area. At the regional scale, the property straddles a major magnetic contrast similar to the Goldcorp Eleonore Mine located about 50 kilometres to the east, but there is no indication that mineralization on the Eleonore property is indicative of the type of mineralization on the Opinaca Gold West property. No recent exploration work results have yet been made public by the company. The north-south James Bay Road crosses the property on the west part. (Press release, Sept. 8, 2016, matamec.com).

Azimut Explorations Inc.

Azimut Exploration holds claim blocks in the vicinity of Wemindji Property Blocks acquired before and after the Eleonore discovery in 2004. One of these blocks is located south of Matamec Opinaca Gold West in partnership with Soquem and the other near Wemindji Claim Block 10 which is 100% owned by Azimut. Further east, Azimut holds four (4) important claim blocks surrounding GoldCorp Eleonore Mine (Opinaca A, Opinaca B, Opinaca D and Eleonore South among which in joint ventures with Goldcorp, Eastmain, Everton and Hecla Mining).

Eastmain Resources Inc.

Located near Wemindji Claim Block 10, the Lac Elmer Property is 50% jointly owned by Eastmain and Barrick in the western end of the Eastmain River Greenstone Belt. Geologically similar to Ontario's 30-million-ounce Hemlo mine and the gold mines of Val d'Or region, Québec, Lac Elmer hosts a 12-kilometre long mineralized horizon enriched in gold, silver, copper and zinc (eastmain.com).

Goldcorp

Located approximately 50 km east of the six (6) Wemindji Claim Blocks, the Eleonore gold deposit sit in the northeast corner of the Opinaca Reservoir within the contact zone between the La Grande and Opinaca geological sub-provinces. Mainly hosted by Timiskaming age (<2675 Ma) sedimentary rocks, the deposits is located 1.5 km south of the tectonometamorphic contact between the Opinaca (paragneiss to migmatite and the La Grande (volcano-sedimentary belts and syn- to late- tectonic intrusions) subprovinces. Previously owned by Noranda and Virginia Gold Mines and acquired by Goldcorp in 2006, commercial production started on April 2015. On January 1st, 2016, the underground mine

had proven and probable reserves of 28.32 Mt @ 5.87 g/t Au (5.35 Moz), measured and indicated resources of 4.58 Mt @ 5.49 g/t Au (0.81 Moz), and inferred resources of 2.28 Moz @ 7.11 g/t Au. The mill is designed to operate 7,000 tonnes per day for 365 days per year. (From: The world-class Roberto gold deposit (Eleonore Mine); Fournier E., Fontaine A., Beausoleil C., Dubé B., Malo M. and McNicoll V., goldcorp.com and NI 43-101 Technical Report).

Other

Osisko Baie-James (formerly Virginia Gold Mines), Beaufield Resources, Everton Resources, Midland Exploration and Sirios Resources also holds important claim block nearby Wemindji Claim Blocks and Goldcorp Eleonore Project.

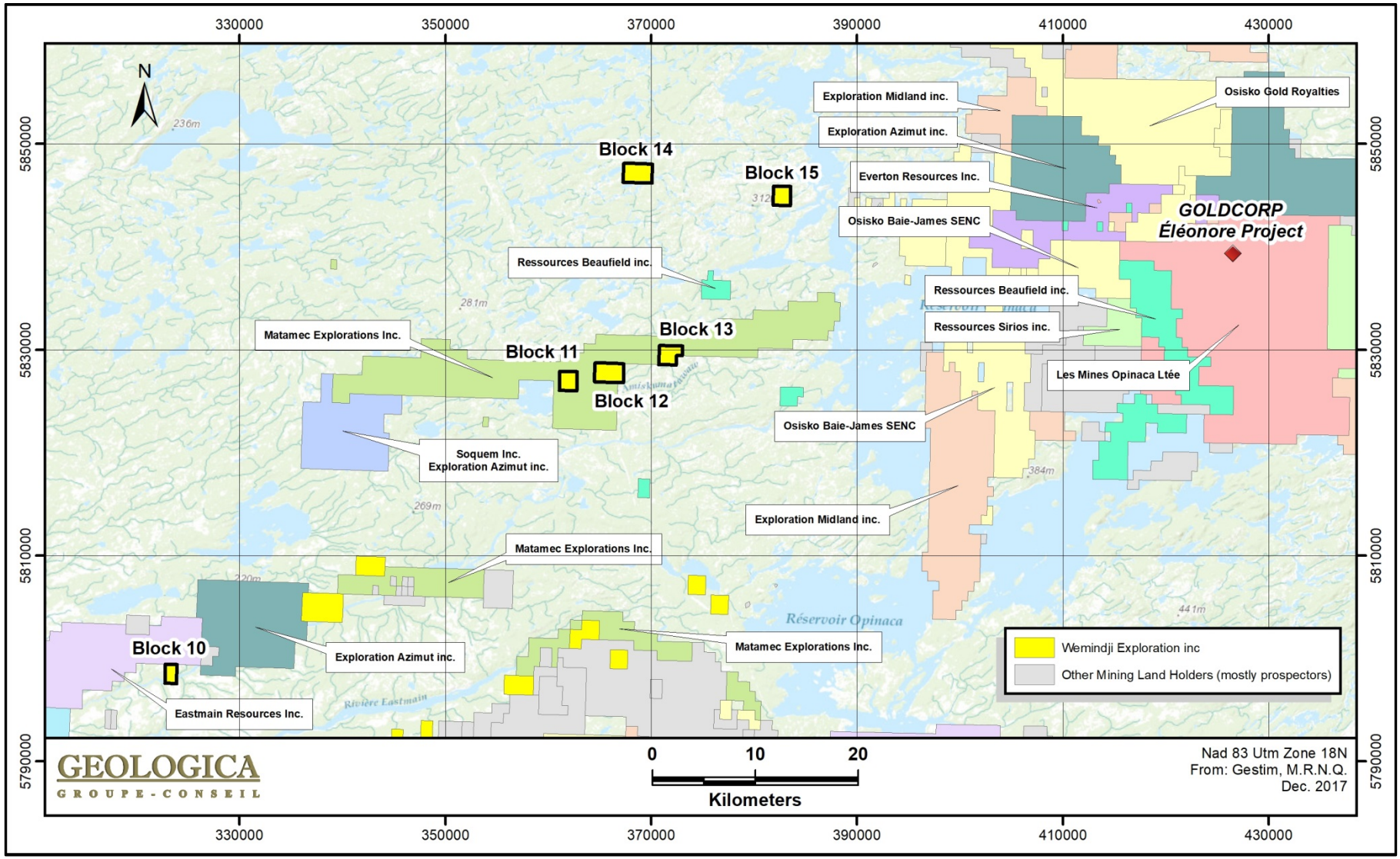


Figure 13 – James Bay Claim Blocks - Adjacent Properties

16.0 OTHER RELEVANT DATA AND INFORMATION

No historical environment liabilities were found to exist on the James Bay Claim Blocks. In terms of permitting, Wemindji Exploration required work permits for any construction of access for diamond drilling or stripping / trenching activities, or for clearing of lumber on the claims holdings.

17.0 INTERPRETATION AND CONCLUSIONS

Most of the known geological units observed and sampled during the recent prospection and reconnaissance mapping mainly consist of banded paragneiss with amphibolite in the northern area (James Bay Blocks 14 and 15), amphibolite, iron formations and quartzite units in the central area (James Bay Blocks 11, 12 and 13), and tuffs and metavolcanites in the southwestern area (James Bay Block 10) These locally pyritic altered rocks usually contain rusty horizons and sulphides (pyrite and locally chalcopyrite and pyrrhotite).

In the central area, blocks 11, 12 and 13 host metavolcanites, quartzite and iron formations with locally sulphides (pyrite and pyrrhotite) which are favourable lithological units for the exploration of gold, silver and base metals. Some grab samples collected near outcrops and boulders during the recent 2017 exploration program have revealed anomalous values in gold, silver, copper and zinc:

- James Bay Block 12: a grab sample within iron formation has revealed an anomalous gold value of 0.069 g/t Au (sample # 560681);

- James Bay Block 12: one sample collected within the quartzite is anomalous in copper and zinc with 365 ppm and 128 ppm respectively;

- James Bay Block 13: four samples collected within the iron formation, silicified gneiss and amphibolitic gneiss revealed anomalous values in copper (301 ppm - amphibolitic gneiss) and zinc (320, 151 and 132 ppm - iron formation). The silicified gneiss is anomalous in silver with values of 5.8, 2.6 and 1.3 g/t Ag;

Recent reconnaissance mapping and prospection works with sampling have permitted to recognize a part of the stratigraphy accross these James Bay Blocks and show locally the favourable context for gold, silver and base metals discovery. Only some outcrop areas were mapped and sampled. It would be important to consider the continuity of the exploration program in order to better define the gold and polymetallic potential of the central area (James Bay Blocks 10, 11, 12 & 13) with complementary geophysical surveys, supplementary outcrop mapping and sampling, and diamond drilling.

18.0 RECOMMENDATIONS (Item 26)

Based on the recent and past results obtained on the James Bay Blocks

10, 11, 12 and 13, Geologica recommends extending the exploration work that could update the presence of mineralization. A program in two (2) phases is therefore recommended:

Phase 1: Complementary surface exploration work including line cutting, geophysical surveys (magnetic, electromagnetic and induced polarization), trenching, follow-up prospection, detailed mapping, sampling and preparation of a work report.

Phase 2: Diamond drilling (NQ size) on the most interesting geological and/or geophysical targets.

PHASE 1 : BASIC EXPLORATION WORK

• Line cutting : 150 km at 800$/km	120 000 $
• Soil magnetic survey: 150 km at 300$/km (including: mobilization & demobilization)	45 000 $
• IP survey on selected lines: 60 km at 1500$/km (including: mobilization & demobilization)	90 000 $
• Trenching (15 days at 3000$/day)	45 000 $
• Detailed mapping and prospection (1 geologist & 1 technician) 30 days at $2000/day (including accomodation & food)	60 000 $
• Sample analysis (200 at 50$/sample)	10 000 $
• Transport (All terrain vehicle (ATV),truck and helicopter)	100 000 $
• Data compilation, digitalization & work report	35 000 $
Sub-total:	505 000 $
Administration (~5%):	25 250 $
Contingencies (~10%):	52 750 $
TOTAL PHASE 1:	**583 000 $**

PHASE 2 : DIAMOND DRILLING (if warranted in Phase 1)

• Drilling (NQ type) on most significant geophysical anomalies and geological targets: *2 000 m @ 500$ / m* (all included)	1 000 000 $
• Data digitalization and work report :	100 000 $
Sub-total:	1 100 000 $
Administration (~5%):	54 500 $
Contingencies (~10%):	115 500 $
TOTAL PHASE 2:	**1 270 000 $**
TOTAL PHASES 1 AND 2 :	**1 853 000 $**

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APPENDIX I – STATUTORY WORK

James Bay Claim Block 10 Area

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GM 67833 - **GEOLOGICAL COMPILATION OF THE KALI PROPERTY**. 2013, Par BARRETTE, J P, GIRARD, R. 250 pages. 35 cartes.

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GM 63478 - **INTERPRETATION REPORT ON AIRBORNE GEOPHYSICAL INVESTIGATIONS, HELICOPTER-BORNE MAGNETOMETER AND VTEM ELECTROMAGNETIC SURVEYS, LAC OPINACA AREA, JAMES BAY PROPERTIES**. 2007, Par LAMBERT, G. 11 pages.

GM 57506 - **LEVE GEOLOGIQUE, PROJET LAC ELMER (# 241)**. 1999, Par VILLENEUVE, S, CONSTANTIN, B. 51 pages. 2 cartes. 3 microfiches.

GM 54392 - **LEVE GEOLOGIQUE 1996, PROJET LAC ELMER JV (611)**. 1997, Par BERNIER, C. 310 pages. 2 cartes. 8 microfiches.

GM 55790 - **LEVE GEOLOGIQUE 1997, PROJET LAC ELMER JV**. 1997, Par BERNIER, C, CONSTANTIN, B. 307 pages. 5 cartes. 10 microfiches.

GM 54391 - **LEVE GEOCHIMIQUE DES SOLS (HORIZON AO ET B), PROJET LAC ELMER**. 1996, Par PELLETIER, M. 276 pages. 6 cartes. 7 microfiches.

GM 48311 - **REPORT ON 1988 PROSPECTING PROGRAM, WESTMAIN PROJECT**. 1988, Par O'CONNOR, A J. 58 pages. 24 cartes. 6 microfiches.

GM 46437 - **REPORT ON 1987 PROSPECTING PROGRAM, WESTMAIN PROJECT, PERMIT 709**. 1987, Par O'CONNOR, A J. 59 pages. 29 cartes. 7 microfiches.

GM 38445 - **RAPPORT FINAL, LEVE GEOPHYSIQUE AEROPORTE, REGIONS DE ELMER EASTMAIN, LAC DES MONTAGNES, LAC DU GLAS, PROJET S80-5117**. 1981, Par FORTIN, R. 423 pages. 340 cartes. 26 microfiches.

GM 38169 - **RAPPORT PRELIMINAIRE, PROJET EASTMAIN**. 1980, Par LABELLE, J P. 29 pages. 6 cartes. 2 microfiches.

GM 09863-A - **EASTMAIN RIVER EXPLORATION**. 1936, Par MCCREA, J G. 16 pages. 7 cartes. 2 microfiches.

James Bay Claim Blocks 11-12-13 Areas

GM 67092 - **CAMPAGNE D'ECHANTILLONNAGE DE SEDIMENTS LACUSTRES, PROJET SARCELLE**. 2012, Par GIRARD, R, TREMBLAY, P. 281 pages. 7 cartes.

GM 68063 - **PROGRESS REPORT, SUMMER 2011 AND 2012 EXPLORATION PROGRAM, SARCELLE PROJECT**. 2012, Par VACHON, D, MERCIER, P E. 202 pages. 4 cartes.

GM 63631 - **RAPPORT SUR UN LEVE D'ECHANTILLONS DE MATERIEL FLUVIOGLACIAIRE DANS LA MORAINE DE SAKAMI**. 2008, Par DE CORTA, H. 1 page.

GM 63492 - **REPORT ON AN AIRBORNE EMOSQUITO II SURVEY ON THE OPINACA-WEST PROPERTY**. 2007, Par HUBERT, J M. 23 pages. 2 cartes. Autres données numériques.

GM 62450 - **TECHNICAL REPORT AND RECOMMENDATIONS, SUMMER 2005 EXPLORATION PROGRAM, SAGANASH PROPERTY**. 2006, Par POITRAS, S, OUELLETTE, J F. 191 pages. 1 carte.

GM 62724 - **REPORT ON A HELICOPTER-BORNE AEROTEM II ELECTROMAGNETIC SURVEY, SAGANASH AND LG 3.5 PROPERTIES**. 2006, Par POZZA, M, BOIVIN, M. 46 pages. 13 cartes. Autres données numériques.

GM 63412 - **REPORT ON AN AIRBORNE GEOPHYSICAL SURVEY, OPINACA**. 2006, Par BOIVIN, M. 19 pages. 4 cartes. Autres données numériques.

GM 38158 - **RAPPORT SUR RELEVE GEOLOGIQUE, PROJET OPINACA**. 1978, Par GIROUX, M. 17 pages. 1 carte. 1 microfiche.

GM 34166 - **RAPPORT D'INTERPRETATION RELEVE DE GEOPHYSIQUE AEROPORTE**. 1977, Par GEOTERREX LTD, PHOTOSUR INC. 111 pages. 6 cartes. 15 microfiches.

GM 38157 - **RAPPORT SUR LA PROSPECTION D'ANOMALIES GEOPHYSIQUES AEROPORTEES, PROJET OPINACA**. 1977, Par BERTRAND, C. 33 pages. 14 cartes. 4 microfiches.

GM 57770 - **PROJET OPINACA, RAPPORT SUR LA PROSPECTION D'ANOMALIES GEOPHYSIQUES AEROPORTEES**. 1977, Par BERTRAND, C. 35 pages. 1 carte. 1 microfiche.

GM 57771 - **AIRBORNE GEOPHYSICAL SURVEY, ZONE RIVIERE CHABINOCHE, RIVIERE OPINACA**. 1977, Par BROWNE, I. 178 pages. 3 cartes. 3 microfiches.

James Bay Claim Blocks 14-15 Areas

GM 67092 - **CAMPAGNE D'ECHANTILLONNAGE DE SEDIMENTS LACUSTRES, PROJET SARCELLE**. 2012, Par GIRARD, R, TREMBLAY, P. 281 pages. 7 cartes.

GM 68063 - **PROGRESS REPORT, SUMMER 2011 AND 2012 EXPLORATION PROGRAM, SARCELLE PROJECT**. 2012, Par VACHON, D, MERCIER, P E. 202 pages. 4 cartes.

GM 37998 - **PROJET LIEN**. 1980, Par OTIS, M. 68 pages. 11 cartes. 4 microfiches.

GM 37017 - **RAPPORT DE SYNTHESE DU PERMIS SES**. 1979, Par FOUQUES, J P, SCHUMACHER, F. 156 pages. 22 cartes. 6 microfiches.

GM 37019 - **COMPILATION METALLOGENIQUE DES INDICES CONNUS DU PERMIS S E S**. 1979, Par OAKES, B W. 32 pages. 1 microfiche.

GM 34175 - **PROJET VERIFICATION D'ANOMALIES GEOCHIMIQUES, PERMIS SDBJ-3**. 1978, Par GOYER, M, PICARD, M, LAVOIE, L, LAROSE, P Y. 281 pages. 127 cartes. 28 microfiches.

GM 34114 - **RAPPORT SUR LA PHOTO-INTERPRETATION DE LA PARTIE SUD DU PERMIS (NON CARTOGRAPHIEE)**. 1976, Par PAYETTE, L. 3 pages. 1 carte. 2 microfiches.

GM 34118 - **RAPPORT DE SYNTHESE DES TRAVAUX 1975**. 1976, Par LAVOIE, L, LAROSE, P Y, DUPUIS, J C, GIROUX, M. 49 pages. 7 cartes. 4 microfiches

GM 34117 - **RAPPORT PROSPECTION CHIEN DE CHASSE**. 1975, Par GIROUX, M. 30 pages. 32 cartes. 9 microfiches.

GM 50002 - **GEOCHEMICAL REPORT ON A LAKE SEDIMENT SURVEY OF LA GRANDE RIVER - SAKAMI LAKE AREA**. 1975, Par GLEESON, C F. 92 pages. 50 cartes. 15 microfiches.

APPENDIX II – LABORATORY ASSAY RESULTS

ALS Canada Ltd.

2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

À: **GEOLOGICA GROUPE CONSEIL INC.**
450, 3E AVENUE
BUREAU 203
VAL-D'OR QC J9P 6C5

Finalisée date: 12-SEPT-2017
Compte: GEOLOGICA

CERTIFICAT VO17176980

Projet: JAMES BAY BLOCKS

Ce rapport s'applique aux 9 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 22-AOUT-2017.

Les résultats sont transmis à:

ALAIN BEAUREGARD	DANIEL GAUDREAULT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-22	Entrée échantillon - Reçu sans 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 ALS	DESCRIPTION	INSTRUMENT
ME-ICP41	Aqua regia ICP-AES 35 éléments	ICP-AES
Au-AA23	Au 30 g fini FA-AA	AAS

À: **GEOLOGICA GROUPE CONSEIL INC.**
ATTN: ALAIN BEAUREGARD
450, 3E AVENUE
BUREAU 203
VAL-D'OR QC J9P 6C5

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

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VAL-D'OR QC J9P 6C5

Finalisée date: 12-SEPT-2017
Compte: GEOLOGICA

Projet: JAMES BAY BLOCKS

CERTIFICAT D'ANALYSE VO17176980

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
16832		0.64	<0.005	0.5	0.71	10	<10	10	<0.5	<2	0.18	1.6	6	24	41	2.64
16833		0.64	0.050	0.2	0.98	2	<10	20	<0.5	<2	0.30	0.5	13	24	52	2.14
16834		0.95	<0.005	0.2	0.58	<2	<10	10	0.5	<2	0.10	<0.5	2	16	8	1.66
16835		0.92	0.011	5.8	0.58	12	<10	10	<0.5	2	0.16	0.6	6	15	48	1.92
16836		1.05	<0.005	2.6	0.81	11	<10	10	<0.5	<2	0.20	0.5	5	22	41	2.62
16837		0.65	<0.005	1.3	0.85	10	<10	10	<0.5	<2	0.16	0.6	6	22	26	2.82
16838		1.54	<0.005	3.0	0.50	7	<10	<10	<0.5	<2	0.09	<0.5	1	17	24	1.99
16839		1.65	<0.005	0.4	0.78	<2	<10	20	<0.5	<2	0.27	<0.5	9	19	31	2.18
16840		0.63	<0.005	0.3	0.23	<2	<10	<10	0.6	<2	0.01	<0.5	75	8	301	13.30

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

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Finalisée date: 12-SEPT-2017
Compte: GEOLOGICA

Projet: JAMES BAY BLOCKS

CERTIFICAT D'ANALYSE VO17176980

Description échantillon	Méthode élément unités L.D.	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
16832		20	1	0.06	10	0.49	291	33	0.06	13	690	24	0.74	<2	5	5
16833		10	1	0.16	10	0.77	535	3	0.06	20	710	12	0.83	<2	6	9
16834		<10	1	0.07	<10	0.37	310	2	0.04	4	180	11	0.22	<2	3	4
16835		<10	<1	0.05	10	0.48	233	1	0.07	18	440	38	0.80	<2	4	6
16836		10	1	0.04	10	0.69	328	2	0.08	16	540	23	0.66	<2	5	5
16837		10	<1	0.05	10	0.68	355	2	0.06	18	470	12	0.60	<2	4	5
16838		10	<1	0.01	<10	0.36	225	7	0.08	4	240	53	0.13	<2	3	4
16839		<10	<1	0.11	10	0.48	271	3	0.06	13	560	17	0.78	<2	4	11
16840		<10	1	0.01	<10	0.01	34	1635	0.03	69	40	3	1.58	3	1	<1

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

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Finalisée date: 12-SEPT-2017
Compte: GEOLOGICA

Projet: JAMES BAY BLOCKS

CERTIFICAT D'ANALYSE VO17176980

Description échantillon	Méthode élément unités L.D.	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
16832		<20	0.10	<10	<10	54	<10	320
16833		<20	0.09	<10	<10	47	<10	151
16834		<20	0.06	<10	<10	25	<10	34
16835		<20	0.08	<10	<10	34	<10	98
16836		<20	0.13	<10	<10	50	<10	87
16837		<20	0.13	<10	<10	46	<10	79
16838		<20	0.08	<10	<10	36	<10	61
16839		<20	0.07	<10	<10	36	<10	132
16840		<20	0.01	<10	<10	3	10	7

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

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VAL-D'OR QC J9P 6C5

Finalisée date: 12-SEPT-2017
Compte: GEOLOGICA

Projet: JAMES BAY BLOCKS

CERTIFICAT D'ANALYSE VO17176980

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-22
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME-ICP41

ALS Canada Ltd.

2103 Dollarton Hwy
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À: **GEOLOGICA GROUPE CONSEIL INC.**
450, 3E AVENUE
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VAL-D'OR QC J9P 6C5

Finalisée date: 22-SEPT-2017
Compte: GEOLOGICA

CERTIFICAT VO17176196

Projet: JAMES BAY BLOCKS

Ce rapport s'applique aux 74 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 17-AOUT-2017.

Les résultats sont transmis à:

ALAIN BEAUREGARD	DANIEL GAUDREAULT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-22	Entrée échantillon - Reçu sans 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 ALS	DESCRIPTION	INSTRUMENT
ME-ICP41	Aqua regia ICP-AES 35 éléments	ICP-AES
Au-AA23	Au 30 g fini FA-AA	AAS

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

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

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: **GEOLOGICA GROUPE CONSEIL INC.**
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VAL-D'OR QC J9P 6C5

Finalisée date: 22-SEPT-2017
Compte: GEOLOGICA

Projet: JAMES BAY BLOCKS

CERTIFICAT D'ANALYSE VO17176196

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
8057		0.41	<0.005	<0.2	0.89	<2	<10	150	<0.5	2	0.24	<0.5	10	296	28	2.60
8058		1.65	<0.005	<0.2	2.56	<2	<10	70	<0.5	2	1.75	<0.5	28	6	104	6.23
16757		1.36	0.008	<0.2	0.49	2	<10	10	<0.5	<2	0.52	<0.5	3	19	26	6.45
16758		1.14	0.006	0.2	0.90	4	<10	10	0.7	2	0.69	<0.5	4	16	28	6.32
16759		1.25	<0.005	<0.2	0.94	<2	<10	20	<0.5	<2	0.27	<0.5	<1	12	7	2.22
16760		0.47	0.006	0.2	1.02	3	<10	10	<0.5	2	0.71	<0.5	11	8	45	5.96
16761		1.46	<0.005	<0.2	1.44	<2	<10	30	0.5	<2	1.34	<0.5	8	24	30	3.63
16762		1.09	0.011	<0.2	1.46	<2	<10	20	0.7	<2	1.74	<0.5	31	35	45	5.50
16763		1.18	<0.005	<0.2	0.17	2	<10	10	<0.5	<2	0.14	<0.5	1	6	9	2.95
16764		1.54	<0.005	<0.2	0.87	2	<10	50	<0.5	2	0.20	<0.5	1	29	5	3.28
16765		1.01	0.006	0.2	0.36	8	<10	<10	<0.5	<2	0.43	<0.5	9	21	23	7.16
16766		1.05	0.006	<0.2	0.79	6	<10	20	<0.5	2	0.27	<0.5	7	5	25	13.70
16767		0.72	0.008	<0.2	0.54	3	<10	10	<0.5	2	0.16	<0.5	7	15	15	4.65
16768		1.08	<0.005	<0.2	0.37	2	<10	10	<0.5	<2	0.36	<0.5	3	17	26	4.84
16769		0.77	0.005	<0.2	0.41	<2	<10	20	<0.5	<2	0.09	<0.5	1	13	22	7.48
16770		1.28	<0.005	<0.2	0.23	<2	<10	<10	<0.5	<2	0.21	<0.5	2	12	17	2.50
16771		0.28	<0.005	<0.2	1.42	<2	<10	10	0.5	2	0.55	<0.5	9	9	24	4.85
16812		0.20	0.005	<0.2	8.84	<2	<10	10	<0.5	<2	5.81	<0.5	16	17	405	1.56
16813		Not Recvd														
16814		0.30	<0.005	<0.2	2.09	<2	<10	70	<0.5	<2	1.09	<0.5	10	28	123	6.61
16815		0.75	0.018	<0.2	0.11	6	<10	40	<0.5	<2	0.09	<0.5	5	5	24	5.78
16816		Not Recvd														
16817		0.35	<0.005	<0.2	0.46	<2	<10	<10	<0.5	<2	0.67	<0.5	16	2	6	8.81
16818		0.52	<0.005	<0.2	1.51	<2	<10	160	<0.5	<2	0.33	<0.5	7	37	13	9.25
16819		0.68	0.009	<0.2	0.89	2	<10	60	<0.5	2	0.14	<0.5	1	27	12	15.85
16820		0.87	0.005	<0.2	2.05	9	<10	70	<0.5	<2	0.80	<0.5	5	25	23	17.40
16821		1.88	0.038	<0.2	1.11	105	<10	60	<0.5	2	0.97	<0.5	16	127	60	9.15
16822		0.39	<0.005	<0.2	2.36	<2	<10	10	<0.5	<2	1.35	<0.5	14	18	15	11.70
16823		0.45	<0.005	0.3	0.71	<2	<10	10	0.8	<2	0.05	1.0	5	81	27	11.20
16824		0.44	0.005	0.4	0.61	11	<10	80	<0.5	<2	0.07	<0.5	3	66	40	15.15
16825		1.29	0.005	<0.2	0.09	<2	<10	10	<0.5	<2	0.02	<0.5	1	15	10	2.59
16826		0.33	<0.005	<0.2	4.01	2	<10	20	2.6	2	0.40	<0.5	22	365	24	11.30
16827		0.64	<0.005	<0.2	0.40	<2	<10	30	1.0	<2	0.42	<0.5	4	13	22	2.24
16828		0.40	<0.005	<0.2	0.62	5	<10	10	<0.5	<2	0.58	<0.5	5	16	20	6.26
16829		0.82	0.018	0.3	0.03	<2	<10	<10	<0.5	<2	0.08	<0.5	27	5	83	13.65
16830		0.49	<0.005	<0.2	1.18	2	<10	20	<0.5	<2	0.35	<0.5	3	9	13	5.31
16831		0.41	0.016	0.5	0.72	16	<10	10	<0.5	2	0.58	<0.5	239	4	203	23.0
71525		0.68	0.012	0.2	0.16	<2	<10	<10	<0.5	<2	0.27	<0.5	5	11	27	8.93
71526		1.89	<0.005	<0.2	0.10	<2	<10	<10	<0.5	<2	0.19	<0.5	1	7	16	10.05
71527		0.88	<0.005	0.4	1.06	<2	<10	60	<0.5	<2	0.79	<0.5	20	12	64	5.97

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

ALS Canada Ltd.

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www.alsglobal.com/geochemistry

À: **GEOLOGICA GROUPE CONSEIL INC.**
450, 3E AVENUE
BUREAU 203
VAL-D'OR QC J9P 6C5

Finalisée date: 22-SEPT-2017
Compte: GEOLOGICA

Projet: JAMES BAY BLOCKS

CERTIFICAT D'ANALYSE VO17176196

Description échantillon	Méthode élément unités L.D.	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
8057		<10	<1	0.68	10	0.77	99	<1	0.06	46	770	2	0.02	<2	3	21
8058		10	1	0.21	<10	0.92	166	6	0.04	31	490	3	0.20	<2	12	13
16757		<10	<1	0.05	<10	0.09	246	2	0.04	7	490	4	1.32	<2	1	25
16758		10	<1	0.15	10	0.20	340	2	0.06	11	740	2	2.40	<2	1	32
16759		<10	1	0.33	<10	0.25	298	<1	0.09	1	290	2	0.17	<2	2	30
16760		<10	<1	0.03	10	0.14	391	1	0.09	16	320	2	3.82	<2	1	36
16761		<10	<1	0.08	10	0.20	235	1	0.08	14	710	6	1.86	<2	2	28
16762		<10	<1	0.10	10	0.28	182	1	0.02	49	1340	3	3.67	<2	2	24
16763		<10	<1	0.03	<10	0.03	135	1	0.02	2	130	2	0.34	<2	<1	8
16764		10	<1	0.33	10	0.37	284	3	0.05	3	320	9	0.39	<2	4	9
16765		<10	<1	0.03	10	0.17	248	1	0.01	101	440	<2	3.95	<2	1	12
16766		<10	<1	0.19	10	0.42	373	1	0.03	17	920	3	4.65	<2	1	34
16767		<10	<1	0.07	10	0.28	303	1	0.03	16	290	4	2.52	<2	2	9
16768		<10	<1	0.06	<10	0.11	546	3	0.02	6	360	3	1.36	<2	1	13
16769		<10	<1	0.12	<10	0.20	234	1	0.02	1	200	6	0.35	<2	1	12
16770		<10	<1	0.03	<10	0.06	837	2	0.01	8	100	<2	0.34	<2	1	13
16771		10	<1	0.08	10	0.73	641	<1	0.04	19	550	4	1.37	<2	3	16
16812		20	1	0.03	<10	0.27	89	1	0.34	46	300	<2	0.44	<2	2	118
16813																
16814		10	<1	0.72	10	0.76	545	1	0.11	25	530	2	0.24	<2	4	15
16815		<10	1	0.02	<10	0.02	125	1	<0.01	9	190	5	2.46	<2	1	9
16816																
16817		10	<1	0.02	<10	0.33	398	1	0.10	1	780	2	<0.01	<2	9	2
16818		10	<1	0.68	10	0.80	1080	1	0.07	20	480	3	0.26	<2	6	8
16819		10	<1	0.18	<10	0.51	679	2	0.03	10	340	4	0.35	<2	3	8
16820		10	<1	0.18	10	0.70	1120	4	0.10	17	450	3	1.08	<2	2	67
16821		10	1	0.74	20	1.32	617	3	0.04	53	1500	14	7.09	<2	6	36
16822		10	<1	0.09	10	0.82	2260	1	0.09	30	370	2	0.03	<2	9	11
16823		10	<1	0.05	10	0.46	264	3	0.03	3	470	14	0.80	<2	4	6
16824		<10	<1	0.31	10	0.26	215	5	0.06	7	390	4	1.36	<2	7	18
16825		<10	<1	0.03	<10	0.03	62	<1	0.01	2	40	<2	0.48	<2	1	4
16826		20	<1	0.14	10	6.08	980	2	0.02	88	1740	5	5.12	<2	24	6
16827		<10	<1	0.08	<10	0.05	240	1	0.01	9	170	<2	0.75	<2	1	10
16828		<10	<1	0.03	10	0.07	233	3	0.06	9	390	6	1.68	<2	2	25
16829		<10	<1	<0.01	<10	0.06	121	1	<0.01	24	60	2	9.59	<2	<1	3
16830		10	<1	0.23	10	0.57	1590	1	0.05	5	280	3	1.23	<2	1	20
16831		<10	<1	0.08	10	0.28	487	34	0.05	580	420	6	>10.0	2	2	12
71525		<10	<1	0.02	<10	0.14	918	2	0.02	17	30	<2	2.39	<2	<1	3
71526		<10	<1	0.01	<10	0.11	934	1	0.02	9	60	4	0.50	<2	<1	2
71527		<10	<1	0.03	10	0.19	286	3	0.06	55	220	6	4.19	<2	1	46

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CERTIFICAT D'ANALYSE VO17176196

Description échantillon	Méthode élément unités L.D.	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
8057		<20	0.25	<10	<10	100	<10	27
8058		<20	0.15	<10	<10	405	<10	39
16757		<20	0.08	<10	<10	19	120	14
16758		<20	0.05	<10	<10	17	570	27
16759		<20	0.10	<10	<10	27	<10	26
16760		<20	0.03	<10	<10	8	<10	38
16761		<20	0.09	<10	<10	20	20	33
16762		<20	0.10	<10	<10	25	10	29
16763		<20	0.05	<10	<10	4	<10	5
16764		<20	0.15	<10	<10	18	<10	49
16765		<20	0.05	<10	<10	8	<10	26
16766		<20	0.12	<10	<10	28	<10	21
16767		<20	0.07	<10	<10	19	<10	28
16768		<20	0.07	<10	<10	16	<10	20
16769		<20	0.09	<10	<10	20	<10	31
16770		<20	0.03	<10	<10	7	10	18
16771		<20	0.14	<10	<10	34	<10	54
16812		<20	0.05	<10	<10	17	<10	16
16813								
16814		<20	0.12	<10	<10	40	<10	43
16815		<20	0.01	<10	<10	2	<10	16
16816								
16817		<20	0.10	<10	<10	94	<10	35
16818		<20	0.13	<10	<10	68	<10	42
16819		<20	0.05	<10	<10	61	<10	44
16820		<20	0.05	<10	<10	50	<10	46
16821		<20	0.13	<10	<10	45	<10	53
16822		<20	0.11	<10	<10	65	<10	45
16823		<20	0.09	<10	<10	48	<10	354
16824		<20	0.14	<10	<10	64	<10	33
16825		<20	0.01	<10	<10	6	<10	6
16826		<20	0.08	<10	<10	254	<10	128
16827		<20	0.06	<10	<10	10	260	11
16828		<20	0.11	<10	<10	22	<10	60
16829		<20	<0.01	<10	<10	2	<10	2
16830		<20	0.12	<10	<10	17	<10	46
16831		<20	0.06	<10	<10	16	<10	32
71525		<20	<0.01	<10	<10	9	<10	12
71526		<20	0.01	<10	<10	4	<10	10
71527		<20	0.03	<10	<10	7	<10	44

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CERTIFICAT D'ANALYSE VO17176196

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
71528		1.41	0.010	<0.2	0.32	<2	<10	10	<0.5	4	1.10	<0.5	10	10	49	10.20
71529		1.41	<0.005	0.2	0.86	<2	<10	10	<0.5	<2	0.87	<0.5	13	37	23	2.53
71530		2.26	<0.005	<0.2	0.06	<2	<10	<10	<0.5	2	0.03	<0.5	1	13	10	1.12
71531		1.59	<0.005	<0.2	0.07	<2	<10	<10	<0.5	<2	0.11	<0.5	1	8	16	7.64
71532		1.58	0.014	0.5	0.57	<2	<10	20	<0.5	7	0.27	<0.5	15	9	52	12.35
71533		1.36	0.010	0.5	0.14	2	<10	10	<0.5	<2	0.08	<0.5	124	3	71	40.4
71534		0.61	0.011	0.3	0.62	8	<10	10	<0.5	<2	0.40	<0.5	17	32	49	10.50
71535		1.44	0.007	0.4	0.18	<2	<10	10	<0.5	2	0.06	<0.5	27	3	107	43.5
71536		0.85	<0.005	<0.2	0.38	2	<10	20	<0.5	3	0.74	<0.5	7	14	49	7.59
71537		1.35	<0.005	0.2	1.56	2	<10	70	<0.5	<2	0.28	<0.5	7	29	42	16.70
71538		0.82	0.007	<0.2	1.32	8	<10	40	<0.5	<2	0.27	<0.5	22	24	73	18.25
71539		0.68	0.007	<0.2	1.56	44	<10	70	<0.5	<2	0.56	<0.5	20	29	12	12.70
71540		0.70	0.008	<0.2	0.20	22	<10	50	<0.5	2	0.04	<0.5	<1	10	67	43.8
71541		0.91	<0.005	<0.2	1.74	52	<10	10	<0.5	<2	0.38	<0.5	64	24	34	20.9
71542		1.97	0.008	<0.2	1.30	58	<10	20	<0.5	<2	0.38	<0.5	64	20	21	20.1
71543		1.40	0.059	0.2	0.13	121	<10	40	<0.5	2	0.04	<0.5	10	14	9	8.15
71544		1.86	0.010	0.2	1.21	5	<10	10	3.1	<2	0.82	<0.5	11	10	46	10.10
71545		1.06	<0.005	0.3	0.12	3	<10	10	<0.5	2	0.12	<0.5	2	8	29	12.50
71546		1.14	<0.005	0.5	0.72	<2	<10	20	<0.5	4	0.78	<0.5	9	5	26	10.05
71547		0.36	<0.005	0.2	0.10	<2	<10	10	<0.5	<2	0.19	<0.5	7	9	14	12.80
71548		0.49	<0.005	0.4	0.76	<2	<10	10	<0.5	<2	0.57	<0.5	4	35	31	4.82
71549		0.38	<0.005	0.6	0.32	<2	<10	10	<0.5	3	0.05	<0.5	1	10	66	12.70
560672		1.37	0.008	0.4	0.58	<2	<10	110	<0.5	2	0.35	<0.5	7	102	153	3.97
560673		0.93	<0.005	<0.2	1.20	<2	<10	200	<0.5	<2	0.27	<0.5	12	283	43	2.70
560674		0.99	<0.005	<0.2	0.88	<2	<10	60	1.0	<2	2.36	<0.5	10	168	26	1.86
560675		1.89	<0.005	<0.2	0.86	<2	<10	30	1.3	<2	1.66	<0.5	2	14	8	0.51
560676		0.84	<0.005	<0.2	1.82	<2	<10	220	<0.5	2	0.42	<0.5	21	268	49	3.81
560677		1.01	<0.005	<0.2	1.82	<2	<10	60	<0.5	2	0.84	<0.5	11	11	29	3.41
560678		0.80	0.023	<0.2	0.52	<2	<10	10	<0.5	11	0.45	<0.5	3	20	4	0.99
560679		1.26	0.019	<0.2	2.01	<2	<10	10	<0.5	2	1.74	<0.5	17	27	110	3.00
560680		1.66	0.009	<0.2	0.06	4	<10	10	<0.5	<2	0.09	<0.5	1	5	14	9.07
560681		2.13	0.069	<0.2	0.14	<2	10	<10	<0.5	<2	0.17	<0.5	2	4	7	28.5
560682		2.16	0.011	<0.2	0.09	<2	<10	<10	<0.5	2	0.23	<0.5	1	7	6	14.80
560683		0.92	0.010	0.6	0.03	3	<10	<10	<0.5	<2	0.09	<0.5	3	6	13	3.34

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Description échantillon	Méthode élément unités L.D.	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
71528		<10	<1	0.04	<10	0.04	491	2	0.01	22	770	3	5.70	<2	1	6
71529		<10	<1	0.11	20	0.49	338	<1	0.11	14	850	6	0.53	<2	4	21
71530		<10	<1	<0.01	<10	0.01	317	<1	<0.01	5	20	<2	0.66	<2	<1	2
71531		<10	<1	0.01	<10	0.05	659	19	<0.01	8	50	<2	1.17	<2	<1	4
71532		<10	<1	0.06	<10	0.14	181	5	0.03	39	230	<2	7.33	<2	2	7
71533		<10	<1	0.01	<10	0.02	763	4	0.01	54	60	12	>10.0	<2	<1	1
71534		<10	<1	0.10	10	0.18	422	2	0.06	28	400	4	5.91	<2	3	16
71535		<10	<1	0.04	<10	0.06	66	4	0.01	74	100	7	>10.0	<2	1	1
71536		<10	<1	0.16	<10	0.25	294	1	0.06	8	470	3	1.38	<2	5	8
71537		10	1	0.19	10	0.48	993	3	0.04	43	510	5	2.55	<2	4	8
71538		10	<1	0.25	10	0.46	1335	1	0.04	183	370	2	8.54	<2	4	6
71539		10	<1	0.24	10	0.57	1315	1	0.10	54	580	4	4.15	<2	5	16
71540		<10	<1	0.10	<10	0.06	95	3	0.02	2	500	6	1.46	<2	1	2
71541		10	<1	0.29	10	0.64	1475	2	0.07	99	400	5	>10.0	<2	4	14
71542		10	1	0.21	10	0.48	1330	1	0.06	74	360	7	>10.0	<2	3	14
71543		<10	<1	0.10	<10	0.03	63	4	0.03	21	240	15	7.22	<2	2	26
71544		10	<1	0.03	10	0.09	239	14	0.06	29	280	2	5.35	<2	1	37
71545		<10	1	0.02	<10	0.07	449	1	0.01	5	90	2	0.87	<2	<1	3
71546		10	<1	0.19	<10	0.38	1375	4	0.11	8	160	18	1.51	<2	1	9
71547		<10	<1	0.02	<10	0.11	1070	5	0.01	15	60	3	1.26	<2	<1	2
71548		<10	<1	0.08	10	0.19	145	6	0.06	6	370	6	0.55	<2	2	29
71549		<10	<1	0.05	<10	0.04	92	4	0.03	3	180	3	0.54	<2	1	6
560672		<10	<1	0.26	10	0.23	88	8	0.07	36	690	3	1.14	<2	2	48
560673		<10	<1	0.90	10	1.04	165	1	0.07	53	1030	2	0.05	<2	5	25
560674		<10	<1	0.40	10	0.73	291	1	0.05	54	1080	3	0.08	<2	2	59
560675		<10	<1	0.07	<10	0.09	126	<1	0.07	7	560	3	0.04	<2	<1	70
560676		10	1	1.08	10	1.78	310	<1	0.07	93	1030	22	0.09	<2	4	23
560677		10	<1	0.29	<10	0.71	229	3	0.13	14	220	2	0.02	<2	7	18
560678		<10	<1	0.05	<10	0.32	160	164	0.05	11	220	<2	0.02	<2	2	6
560679		<10	<1	0.08	<10	0.49	318	2	0.30	18	260	<2	0.25	<2	12	24
560680		<10	1	0.01	<10	0.03	492	3	<0.01	1	70	<2	0.35	<2	<1	1
560681		<10	<1	0.04	<10	0.37	13100	3	0.01	3	110	5	0.36	2	<1	3
560682		<10	<1	0.01	<10	0.14	1280	1	0.02	2	80	2	0.20	<2	<1	1
560683		<10	1	<0.01	<10	0.07	491	1	<0.01	9	80	<2	2.10	<2	<1	7

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71528		<20	0.01	<10	<10	7	<10	9
71529		<20	0.19	<10	<10	45	<10	28
71530		<20	<0.01	<10	<10	1	<10	4
71531		<20	0.01	<10	<10	2	<10	13
71532		<20	0.03	<10	<10	12	<10	19
71533		<20	0.01	10	<10	6	<10	78
71534		<20	0.08	<10	<10	25	<10	141
71535		<20	0.02	10	<10	11	<10	10
71536		<20	0.46	<10	<10	167	<10	21
71537		<20	0.14	<10	<10	55	<10	29
71538		<20	0.08	<10	<10	46	<10	69
71539		<20	0.11	<10	<10	60	<10	39
71540		<20	0.04	10	<10	27	<10	7
71541		<20	0.09	10	<10	46	<10	36
71542		<20	0.08	<10	<10	39	<10	25
71543		<20	0.07	<10	<10	8	<10	37
71544		<20	0.04	<10	<10	9	30	34
71545		<20	0.01	<10	<10	7	<10	9
71546		<20	0.04	<10	<10	32	<10	24
71547		<20	0.02	<10	<10	13	<10	13
71548		<20	0.19	<10	<10	45	<10	11
71549		<20	0.05	<10	<10	16	<10	9
560672		<20	0.16	<10	<10	46	<10	13
560673		<20	0.34	<10	<10	112	<10	38
560674		<20	0.18	<10	<10	53	<10	33
560675		<20	0.02	<10	<10	6	<10	10
560676		<20	0.32	<10	<10	106	<10	91
560677		<20	0.13	<10	<10	127	<10	39
560678		<20	0.05	<10	<10	16	140	15
560679		<20	0.17	<10	<10	82	<10	26
560680		<20	<0.01	<10	<10	2	<10	6
560681		<20	0.03	<10	<10	15	10	11
560682		<20	0.02	<10	<10	11	<10	8
560683		<20	<0.01	<10	<10	1	<10	10

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

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Finalisée date: 22-SEPT-2017
Compte: GEOLOGICA

Projet: JAMES BAY BLOCKS

CERTIFICAT D'ANALYSE VO17176196

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-22
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	ME-ICP41

APPENDIX III – 2017 sample descriptions

Sample	Block	Claim	Nad 83 Utm Zone 18 N		Projection	Type	Rock type	Alteration (1 to 5)						Mineralization (%)					Au	Ag	Cu	Zn	Description
			Easting	Northing				Sil	Ser	Chl	Bio	Cis	Rou	Py	Po	Mg	Gp	Hm	ppm	ppm	ppm	ppm	
8057	14	2437300	369856	5847330	Utm83 18	Outcrop													-0.005	-0.2	28	27	Pegmatite dyke; 1-2% magnetite.
8058	12	2437310	366941	5828344	Utm83 18	Outcrop													-0.005	-0.2	104	39	Schistozed amphibolte; 2-3% magnetite.
71525	13	2437313	372424	5829299	Utm83 18	Outcrop	Banded gneiss				1		3	tr					0.012	0.2	27	12	N65/90
71526	13	2437313	372393	5829361	Utm83 18	Outcrop	Banded iron formation						4	15					-0.005	-0.2	16	10	Magnetite band 2mm BM mag with locally conductive zone, diss. sulfide & stockwork
71527	13	2437313	372402	5829370	Utm83 18	Outcrop	Folded banded iron formation						4	1		25			-0.005	0.4	64	44	Cluster 5-10cm magnetite quartz band (3-5cm)
71528	13	2437312	371871	5829262	Utm83 18	Outcrop	Banded iron formation						4	2	2	20			0.01	-0.2	49	9	Conductor 80 cm wide north/south
71529	13	2437313	371885	5829248	Utm83 18	Outcrop	Banded iron formation			3				tr	5	20			-0.005	0.2	23	28	North/south
71530	13	2437312	371861	5829292	Utm83 18	Outcrop	Banded iron formation	4						2		20			-0.005	-0.2	10	4	Strong conductor 2x3m, look like quartzite
71531	13	2437312	371784	5829399	Utm83 18	Outcrop	Banded iron formation						3	2	3	20		2	-0.005	-0.2	16	13	Blue quartz, est-west direction
71532	13	2437312	371765	5829410	Utm83 18	Outcrop	Banded iron formation						5	tr	25				0.014	0.5	52	19	Conductor +8000, 4m wide
71533	11	2437329	362468	5827537	Utm83 18	Boulder	Su-Gp	2	1				5	20			10		0.01	0.5	71	78	Subrounded boulder 20x20x10cm
71534	11	2437329	362472	5827527	Utm83 18	Boulder	Su-Gp		1					20			10		0.011	0.3	49	141	Subrounded boulder 30x20x15cm
71535	11	2437329	362462	5827592	Utm83 18	Boulder	Su-Gp		1					40			10		0.007	0.4	107	10	
71536	11	2437328	362131	5827022	Utm83 18	Outcrop	Gabbro						1		tr				-0.005	-0.2	49	21	
71537	10	2437409	323256	5798870	Utm83 18	Outcrop	Felsic tuff						2	3		3			-0.005	0.2	42	29	
71538	10	2437409	323256	5798871	Utm83 18	Outcrop	Felsic tuff					2	2	5					0.007	-0.2	73	69	
71539	10	2437409	323252	5798872	Utm83 18	Outcrop	Felsic tuff						2						0.007	-0.2	12	39	
71540	10	2437409	323252	5798873	Utm83 18	Outcrop	Felsic tuff						2						0.008	-0.2	67	7	
71541	10	2437409	323251	5798873	Utm83 18	Outcrop	Felsic tuff						2						-0.005	-0.2	34	36	
71542	10	2437409	323252	5798874	Utm83 18	Outcrop	Felsic tuff						2						0.008	-0.2	21	25	
71543	10	2437409	322960	5799367	Utm83 18	Boulder	Su-Gp		1				4	15			20		0.059	0.2	9	37	
71544	10	2437409	323050	5799400	Utm83 18	Outcrop	Paragneiss biotite												0.01	0.2	46	34	
71545	13	2437313	372410	5829373	Utm83 18	Outcrop	Oxyded banded iron formation						3	15		20			-0.005	0.3	29	9	Big rusted outcrop on the side of swamp, iron formation, iron oxyde quartzite, N60/80SE, composite sample collected on two sites (4m distanced north-south)
71546	13	2437313	372391	5829347	Utm83 18	Boulder	Oxyded banded iron formation						3	20		30			-0.005	0.5	26	24	Pile boulders, rusted blocks composite (3x2m)
71547	13	2437312	371840	5829179	Utm83 18	Boulder	Oxyded banded iron formation						3	10	5	30			-0.005	0.2	14	13	50cm diameter block
71548	13	2437312	371875	5829241	Utm83 18	Outcrop	Oxyded banded iron formation						3						-0.005	0.4	31	11	Rusted lens 2x0,4m, 50 m long minéralised unit N20/45E, no bedded, recrystallized mixed quartz, Mg, Py
71549	13	2437312	371817	5829352	Utm83 18	Outcrop	Oxyded banded iron formation						2	10	10	30			-0.005	0.6	66	9	Beepmat anomaly, light VLF, rusted zone on 1-2 m
16757	12	2437306	364585	5828420	Utm83 18	Outcrop	Paragneiss biotite						2						0.008	-0.2	19	14	
16758	12	2437306	364603	5828445	Utm83 18	Outcrop	Paragneiss biotite						2						0.006	0.2	16	27	
16759	12	2437306	364935	5828563	Utm83 18	Outcrop	Gneiss biotite						2						-0.005	-0.2	12	26	
16760	12	2437306	364934	5828565	Utm83 18	Outcrop	Gneiss biotite						2						0.006	0.2	8	38	
16761	12	2437306	364962	5828478	Utm83 18	Outcrop	Gneiss silicified						2						-0.005	-0.2	24	33	
16762	12	2437306	365041	5828469	Utm83 18	Outcrop	Gneiss						2						0.011	-0.2	35	29	
16763	12	2437306	365065	5828288	Utm83 18	Outcrop	Gneiss						2						-0.005	-0.2	6	5	
16764	12	2437306	365069	5828287	Utm83 18	Outcrop	Gneiss					3	2						-0.005	-0.2	29	49	Amphiboles quartz biotite
16765	12	2437306	365044	5828283	Utm83 18	Outcrop	Gneiss					3	2						0.006	0.2	21	26	Amphiboles quartz biotite
16766	12	2437307	365082	5828300	Utm83 18	Outcrop	Gneiss						2						0.006	-0.2	5	21	Amphiboles quartz biotite
16767	12	2437306	365072	5828299	Utm83 18	Outcrop	Gneiss /amphibolite						2						0.008	-0.2	15	28	Contact
16768	12	2437307	365221	5828334	Utm83 18	Outcrop	Iron formation						2						-0.005	-0.2	17	20	Composite sample. 180m to the west, approximate 12 samples collected
16769	12	2437306	364899	5828296	Utm83 18	Outcrop	Silicated banded iron formation						3						0.005	-0.2	13	31	Graphitic band
16770	12	2437306	364844	5828290	Utm83 18	Outcrop	Silicated banded iron formation						3						-0.005	-0.2	12	18	
16771	12	2437306	364555	5828239	Utm83 18	Outcrop	Mafic gneiss												-0.005	-0.2	9	54	
16812	11	2437326	362489	5826776	Utm83 18	Outcrop	Ultramafic							1	1				0.005	-0.2	17	16	Ultramafic zone dcmic, 10x10cm patch, no VLF, no beepmat
16814	11	2437329	362726	5827661	Utm83 18	Outcrop	Gneiss						2	2					-0.005	-0.2	28	43	Strong lineation, subvertical streching on foliation plan 105/80S, rusted patch 20x20cm, sampled by the past (flag 32891) muscovite pluri millimetric), near irregular quartz lens of 40x50cm
16815	11	2437329	362478	5827554	Utm83 18	Boulder	Quartzite, mafic tuff						3	4		5			0.018	-0.2	5	16	Boulder 60x60 cm, Beep Mat anomaly; graphite quartzite & pyrite, mafic to muscovite host rock, NS direction mineralized boulder, local Beep-Mat anomalies aligned on 100m NS, no VLF on this conductor.

Sample	Block	Claim	Nad 83 Utm Zone 18 N		Projection	Type	Rock type	Alteration (1 to 5)						Mineralization (%)						Au	Ag	Cu	Zn	Description
16817	11	2437325	362080	5826823	Utm83 18	Boulder	Gabbro									10				-0.005	-0.2	2	35	Magnetic gabbro , medium grain, correspond to mag high of aerial survey, strong mag beep mat.
16818	10	2437409	323309	5798897	Utm83 18	Outcrop	Intermediate to felsic tuff						3			10				-0.005	-0.2	37	42	Beepmat anomaly, mag & EM, VLF; intense mag on 4m width bordered by two levels conductors of about 30cm width; sulfide boxworks; intermediate to felsic tuff host rock . Foliation over the entire outcrop zone, N255/75 N, geology: foliated mafic rock, intermediate to felsic, interesting geologic section (diabase dyke) only east contact was verified; west contact non verified.
16819	10	2437410	323400	5798943	Utm83 18	Outcrop	Intermediate to felsic tuff						3	3						0.009	-0.2	27	44	Beepmat anomaly, mag & EM, VLF; intense mag on 3m width, bordered to the south by conductor level of about 70cm width; sulfide boxworks; intermediate to felsic tuff host rock.
16820	10	2437410	323396	5798940	Utm83 18	Outcrop	Intermediate to felsic tuff						3	2		15				0.005	-0.2	25	46	Same magnetic horizon with one or two conductors, outcroping area on 5m along the fractured horizon, red earth; composite sample
16821	10	2437409	322968	5799367	Utm83 18	Boulder	Graphitic shale						3	20			70			0.038	-0.2	127	53	Sub-angular pyriteous graphite boulder 40x40x40cm
16822	10	2437409	323068	5799403	Utm83 18	Outcrop	Mafic tuff			2			1			30				-0.005	-0.2	18	45	Mafic bed parallel to foliation, 30 cm thickness, small millimetric bed (coarse grains magnetite, chlorite
16823	12	2437306	365058	5828460	Utm83 18	Outcrop	Rusted quartzite						3							-0.005	0.3	81	354	Beep Mat anomaly
16824	12	2437306	364961	5828510	Utm83 18	Outcrop	Rusted quartzite						3	3						0.005	0.4	66	33	Rusted quartzite (30m width minimum) bordered by few graphite to the north, foliation N60/60 S
16825	12	2437306	364942	5828502	Utm83 18	Outcrop	Rusted quartzite						3							0.005	-0.2	15	6	Quartz vein 40x7cm, lens, footwall with sample, quartzite host rock
16826	12	2437306	365067	5828468	Utm83 18	Outcrop	Rusted quartzite						2	5						-0.005	-0.2	365	128	Strong beep mat anomaly on 0,5m à 1m (fine grain pegmatite)
16827	12	2437306	365046	5828465	Utm83 18	Outcrop	Quartz vein						3					3		-0.005	-0.2	13	11	Quartz vein N75, dip?, width dcmic visible on 10m long
16828	12	2437307	365225	5828314	Utm83 18	Outcrop	Iron formation						3							-0.005	-0.2	16	60	40m ridge, VLF anomaly, non-magnetic hematized quarzite, chloriteous passage in contact with massive amphibolitic gneiss, fine grain with trace of pyrite to the north
16829	12	2437307	365105	5828313	Utm83 18	Outcrop	Iron formation						3	30						0.018	0.3	5	2	Strong Beep mat anomaly on 0,5m, folded quartzite, bordered by amphibolite to the south
16830	12	2437307	365202	5828323	Utm83 18	Outcrop	Iron formation						3	5				20		-0.005	-0.2	9	46	Strong beep mat anomaly, folded, hematite ?
16831	12	2437306	364641	5828286	Utm83 18	Outcrop	Mafic gneiss						3	30						0.016	0.5	4	32	Mafic rock, EW beepmat anomaly on 30m long & 1m width; look like pyrrhotite but no magnetic
16832	13	2437317	372784	5829900	Utm83 18	Outcrop	Silicified gneiss						2	5						<0.005	0.5	41	320	VLF & weak beepmat anomalies, continuity on 250m (N80 direction) about 3m width; the beep mat anomaly represents the heart of a non outcropping larger zone (5m?) silicified, disseminated sulfides, The heart of the beepmat conductive zone correspond to a weak depression covered by sakakomi or swamp, between pegmatitic outcrops slightly rusted and gneissic; silicified zone, sulfide rich, dissemination only visible here with two types of pyrite, grey, very fine (cubes 1/4 mmic); trace of graphite in the north part (16835-16838), obviously folded; samples 16832-34 & 16839 collected south of plant band & 16835-38 colected to the north.
16833	13	2437317	372784	5829901	Utm83 18	Outcrop	Silicified gneiss						2	15						0.05	0.2	52	151	Silicified rock, very fine grey pyrite and cubic pyrite 1/4 mmic, lenticular quartz vein footwall; cf description 16834
16834	13	2437317	372784	5829901	Utm83 18	Outcrop	Quartz vein						2	5						<0.005	0.2	8	34	Quartz vein of sample 16833 with 15% footwall, subvertical, 10x200cm,
16835	13	2437317	372784	5829904	Utm83 18	Outcrop	Silicified gneiss						2	2						0.011	5.8	48	98	Weak Beep Mat conductor, samples 16835 to 16838, chip sample section on 70cm, from south to north, north border of the sakakomi depression; 16835; silicified zone, massive lens pyrite (8x3x1cm) quartz veinlets
16836	13	2437317	372784	5829904	Utm83 18	Outcrop	Silicified gneiss						2	3						<0.005	2.6	41	87	Weak Beep Mat conductor, 16835 to 16838, chip sample section on 70cm, north border of sakakomi depression
16837	13	2437317	372784	5829904	Utm83 18	Outcrop	Silicified gneiss						2	3						<0.005	1.3	26	79	Weak Beep Mat conductor, 16835 to 16838, chip sample section on 70cm, north border of sakakomi depression
16838	13	2437317	372784	5829904	Utm83 18	Outcrop	Silicified gneiss						2	2			5			<0.005	3	24	61	Weak Beep Mat conductor, 16835à 16838, chip sample section on 70cm, north border of sakakomi depression; silicified rock, with pluricmic fragment
16839	13	2437317	372784	5829904	Utm83 18	Outcrop	Silicified gneiss						2	5						<0.005	0.4	31	132	Chips on 50cm, silicified rock, general foliation of the zone zone: N85 sub vertical, begins 1,3m north of 16832.
16840	13	2437317	372960	5829962	Utm83 18	Outcrop	Quartz in amphibolitic gneiss						2	20						<0.005	0.3	301	7	Strong beepmat conductor 20x20cm, border of quartz lenses (4,5m de long, on max 0,5m) Host : amphibolitic gneiss at 1% pyrite and pegmatite; pegmatite locally rusted showing locally weak beep-mat response
560672	14	2437294	369198	5846711	Utm83 18	Outcrop	Paragneiss													0.008	0.4	153	13	Paragneiss summit under power line; migmatization, banded; quartz-feldspath-biotite-pyroxene; Az. 025°/50° SE.
560673	14	2437294	369119	5846580	Utm83 18	Outcrop	Banded paragneiss													-0.005	-0.2	43	38	Altered, oxyded & banded paragneiss with quartz veinlets (quartzo-feldspathic).
560674	14	2437295	369532	5846904	Utm83 18	Outcrop	Pegmatitic paragneiss													-0.005	-0.2	26	33	Paragneiss pegmatitic passage, diatexite; smoky quartz vein.
560675	14	2437300	369868	5847170	Utm83 18	Outcrop	Paragneiss													-0.005	-0.2	8	10	Paragneiss on hill & hillside; smoky quartz vein.
560676	14	2437299	369493	5847431	Utm83 18	Outcrop	Paragneiss													-0.005	-0.2	49	91	Paragneiss & quartz, trace to 1% pyrite.
560677	12	2437310	366941	5828344	Utm83 18	Outcrop	Pegmatite													-0.005	-0.2	29	39	Quartz vein (3-5cm) in amphibolite block enclosed in pegmatite; Az. 040°/70° N.
560678	12	2437310	366803	5828288	Utm83 18	Outcrop														0.023	-0.2	4	15	Quartz vein (5-7cm); amphibolite.
560679	12	2437309	366735	5828262	Utm83 18	Outcrop														0.019	-0.2	110	26	Oxidized zone in sheared amphibolite; Az. 040°/70° NW.
560680	12	2437308	366185	5827876	Utm83 18	Boulder	Quartzite													0.009	-0.2	14	6	Boulder; oxidized quartzite; 3-5% pyrite in Drumlin.
560681	12	2437306	365026	5828272	Utm83 18	Outcrop	Iron formation													0.069	-0.2	7	11	Iron Formation; oxidized zone; massive mafic volcanics.
560682	13	2437313	372404	5829347	Utm83 18	Outcrop	Iron formation													0.011	-0.2	6	8	Cataclasis smoky quartz; iron formation (BIF) associated to rusty white/brown granitic gneiss; magnetite; 15-20% Pyrrhotite; enclosed in gneiss, paragneiss (E-W) with pink pegmatite dykes (Az. 040°); stratigraphy oriented Az. 070°/60° NW; subvertical.
560683	13	2437315	371659	5829560	Utm83 18	Outcrop	Iron formation													0.01	0.6	13	10	Banded & siliceous BIF; 1-3% pyrite; non-magnetic locally; graphitic black bands