GM 72191

2021 fieldwork report on the Hunter mine group property

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GEOLOGICA
GROUPE-CONSEIL

PROGENITOR METALS CORP.

2021 FIELDWORK REPORT
ON THE HUNTER MINE GROUP PROPERTY

Abitibi Region
Quebec, Canada

NTS. 32D/11
UTM Z17 641,500 mE – 5,379,000 mN

Val-d'Or, Québec
September 9, 2021

Alain-Jean Beauregard, P. Geo., OGQ (#227)
Daniel Gaudreault, P. Eng., OIQ (# 39834)

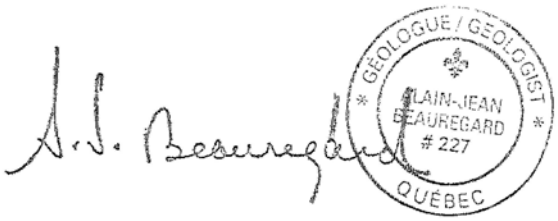
SIGNATURE

2021 FIELDWORK REPORT
ON THE HUNTER MINE GROUP PROPERTY

Prepared for

Christopher Reynolds, Director
Progenitor Metals Corp.
3043-595 Burrard
Vancouver, B.C.
V7X 1L7

Signed in Val-d'Or, September 9, 2021



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

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

Certificate of Qualification (Alain-Jean Beauregard)

1. I, Alain-Jean Beauregard, Professional Geologist, reside at 240 Chemin des Pimbinas, La Conception, Québec, Canada.

2. The certificate is related to the report entitled “2021 Fieldwork Report on the Hunter Mine Group Property” (the “Technical Report”). This report was written for Progenitor Metals Corp. and dated September 9, 2021.

3. 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). I am a member of the Order of Geologists of Québec #227 (OGQ).

4. I have worked as a geologist for a total of 43 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 been using geophysical data from various surveys (Magnetic, Electromagnetic, IP-Resistivity, Radiometric, Gravity, etc.) since 1978 for geoscientific compilations, interpretations and recommendations for follow up exploration work such as selecting priority drill targets in the Archean rocks of the Superior Province and the highly metamorphic terrain of the Grenville Province for iron, titanium, uranium, rare earth minerals, graphite, precious and base metals. I have organized and managed several exploration campaigns for gold, base metals and industrial metals, especially in remote areas of Abitibi, but also in other parts of the province of Québec (Labrador Trough, Gaspé Peninsula, James Bay, St-Lawrence River, North Shore, Ungava, etc.), in eastern Canada, Europe, Africa and the Americas.

5. I have visited the Property in July 21, 2021.

6. I am responsible for the technical parts of Sections 1 to 19 of the Technical Report.

7. I am independent of the issuer (Progenitor Metals Corp.) and the Hunter Mine Property applying all of the tests in section 1.5 of National Instrument 43-101.

8. I had not prior involvement with the Property that is subject.

9. I confirm to have read the NI43-101 F1 form and related appendices and that the Technical Report has been prepared in compliance with the National Instrument 43-101.

Dated this 9th day of September 2021

Alain-Jean Beauregard, P.Geo., (OGQ #227)
Geologica Groupe-Conseil Inc.

Certificate of Qualification (Daniel Gaudreault)

1. Daniel Gaudreault, Engineer, reside at 896 Quessy Street, Val-d'Or (Québec), Canada.

2. The certificate is related to the report entitled "2021 Fieldwork Report on the Hunter Mine Group Property" (the "Technical Report"). This report was written for Progenitor Metals Corp. and dated September 9, 2021.

3. I graduated with a degree in Geological Engineering ("Eng.") from the University of Québec in Chicoutimi in 1983. I am a member of the "Ordre des Ingénieurs du Québec (OIQ #39834)".

4. I have worked as an engineer for a total of 38 years since my graduation from university. As an engineer specializing in exploration geology, I have been using geophysical data from various surveys (Magnetic, Electromagnetic, IP-Resistivity, Radiometric, Gravity, etc.) since 1983 for geoscientific compilations, interpretations and recommendations for follow up exploration work such as selecting priority drill targets a in the Archean rocks of the Superior Province and the highly metamorphic terrain of the Grenville Province for iron, titanium, uranium, rare earth minerals, graphite, precious and base metals. 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).

5. I have visited the Property in July 21, 2021 and prospected with sampling of outcrops, biogeochemical (black spruces) and soil (B-Horizon) in July 27, 2021.

6. I am responsible for the technical parts of Sections 1 to 19 of the Technical Report.

7. I am independent of the issuer (Progenitor Metals Corp.) and the Hunter Mine Property applying all of the tests in section 1.5 of National Instrument 43-101.

8. I had prior involvement with the Property that is subject by my visit and the sampling.

9. I confirm to have read the NI43-101 F1 form and related appendices and that the Technical Report has been prepared in compliance with the National Instrument 43-101.

Dated this 9th day of September 2021

Daniel Gaudreault, P. Eng. (OIQ #39834)
Geologica Groupe-Conseil Inc.

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1.0 SUMMARY

At the request of Mr. Christopher Reynorlds, Director of Progenitor Metals Corporation ("Progenitor"), Géologica Groupe-Conseil Inc. ("Geologica") was given the mandate to complete a reconnaissance prospecting and sampling survey on the Hunter Mine Group Property ("Property"). The issuer, Progenitor, is a private Canadian mineral exploration company. Geologica is an independent mining exploration consulting firm based in Val-d'Or (Quebec).

Alain-Jean Beauregard and Daniel Gaudreault of Geologica Groupe-Conseil Inc. are Qualified Persons under the National Instrument 43-101. In July 2021, Mr. Gaudreault with the assistance of Mr. Jean St-Laurent carried out a field visit and conducted biogeochemical sampling on the Property.

The authors relied on public documents filed at the Quebec Ministry of Energy and Natural Resources (MERN) and information provided by Progenitor for the description of the claim status. Furthermore, significant sections and chapters of this report were taken from work reports prepared by previous property owners, and from federal and provincial government studies.

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 Progenitor. "as is" and that Progenitor shall ensure that all exploration programs on the Property are conducted in an environmentally sound manner.

The Property is located between the villages of Duparquet and Sainte-Rose de Poularies just west of nort-south highway 101 that runs between the cities of Rouyn-Noranda and La Sarre at the junction of Destor and Duparquet Townships and then, to the west, by secondary logging roads for approximate 4 kilometres.

The Property is comprised of fourteen (14) contiguous map designated mineral claims ("CDC claims") block covering a total area of 595.89 hectares, 100% owned by Progenitor Metals Corporation.

The Property lies within the western portion of the Abitibi Greenstone Belt (AGB), 37 kilometers north of Rouyn-Noranda. The property geology (norther section) is represented by the Hunter Mine Group and the volcanic rocks are intruded by the Poularies Batholith to the north. On the property, a diamond drill hole (AU-92-4) intersected a brecciated, carbonatized and sericitized rhyolitic unit between 509.3 m 527.7 m. A mineralized and chloritized horizon (stringer zone) with 10% pyrite and 8% chalcopyrite was recognized with significant results of 4.04% copper and 35 g/t silver over 0.70 m.

During the recent prospection survey, a rusty block zone within an old trench was sampled by the author Daniel Gaudreault showing quartz-carbonate-pyrite with 2-5% chalcopyrite. This zone is located within an intermediate to felsic volcanic unit in the north-central part of the Property. A total of 13 outcrops areas were located and six (6) rock samples were collected.

Thirteen (13) biogeochemical (black spruce or fir) and one (1) B-Horizon soil samples were also collected. All samples were propely prepared and shipped for assay at Activation Laboratories (ActLab) of Ancaster, Ontario.

The Hunter Mine Group Property merits additional and complementary exploration efforts due to the presence of significant copper (Cu) silver (Ag) mineralization and a favourable geological context for gold and base-metals mineralization associated to felsic to intermediate volcanic rocks.

Geologica recommends additional and complementary exploration work on the Property based on a technical evaluation of all previous work filed with the MERN and from the recent fieldwork conducted on the Property in July 2021. A budget of $1,634,000 in two (2) Phases is proposed.

2.0 INTRODUCTION AND TERMS OF REFERENCE

At the request of Mr. Christopher Reynorlds, Director of Progenitor Metals Corporation ("Progenitor"), Géologica Groupe-Conseil Inc. ("Geologica") was given the mandate to complete a reconnaissance prospecting and sampling survey on the Hunter Mine Group Property ("Property"). The issuer, Progenitor, is a private Canadian mineral exploration company. Geologica is an independent mining exploration consulting firm based in Val-d'Or (Quebec).

Alain-Jean Beauregard and Daniel Gaudreault of Geologica Groupe-Conseil Inc. are Qualified Persons under the National Instrument 43-101. In July 21, 2021 Mr. Beauregard and Gaudreault have visited the Property. In July 27, 2021, Mr. Gaudreault carried out a prospection and conducted sampling on the Property with the assistance of Mr. Jean St-Laurent from Geologica.

The authors relied on public documents filed at the Ministry of Natural Resources of the Province of Quebec (MRNQ) and information provided by Progenitor for the descriptions of title and claim status. Moreover, some parts of this 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 Progenitor management and its 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.

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

The authors did not rely on other experts in completing this report.

4.0 PROPERTY DESCRIPTION AND LOCATION

4.1 LOCATION AND CLAIMS

The Property is located 37 kilometres north of the city of Rouyn-Noranda via paved road 101, also called Rue Saguenay. From Route 101, the northern part of the Property is easily accessible by 4X4 pick up truck using a gravel road built by the logging companies. In summer, but especially in autumn, many hunters use this path to access their hunting camps. A number of villages such as Duparquet, Destor and Sainte-Germaine-Boulé are located less than twenty kilometers of the project (Figures 1 and 2). Wood cutting has been carried out in

recent years by forestry companies, especially in the central part of the property, north of Destor Hills

The Property is located within the area covered by National Topographic System (NTS) map sheet 32D/11 and the centre of the Property is located at 641,500 mE – 5,379,000 mN in NAD 83 UTM Grid Zone 17N (Universal Transverse Mercator Projection).

The Property comprises fourteen (14) contiguous map designated mineral claims ("CDC claims") covering a total area of 595.89 ha (Figure 3 and Table 1).

All claims are in good standing (Table 1) and have expiry dates of November 01, 2021 for 1 CDC claim, December 12, 2021 for 1 CDC claim, January 27, 2022 for 5 CDC claims and March 17, 2022 for 7 CDC claims. Progenitor is the registered titleholder of all the 14 claims and holds a 100% interest. The status of the claims was validated using "GESTIM", the Quebec government system for mining titles management, available on the Quebec Natural Resources Ministry Website: www. gestim.mines.gouv.qc.ca. There are no surface rights associated to the land holdings.

Table 1 - Hunter Mine Property Mining Title List

Progenitor Metals Corporation (99491) 100 % (responsible)								
	Title No	**NTS Sheet**	**Type of Title**	**Expiry Date**	**Area (Ha)**	**Excess Work**	**Required Work**	**Required Fees**
1	2529143	NTS 32D11	CDC	2021-12-12 23:59	57.00	$0.00	$1,200.00	$67.00
2	2530207	NTS 32D11	CDC	2022-01-27 23:59	57.00	$0.00	$500.00	$67.00
3	2530209	NTS 32D11	CDC	2022-01-27 23:59	56.99	$0.00	$500.00	$67.00
4	2530210	NTS 32D11	CDC	2022-01-27 23:59	6.29	$0.00	$500.00	$34.25
5	2530211	NTS 32D11	CDC	2022-01-27 23:59	56.98	$0.00	$500.00	$67.00
6	2530212	NTS 32D11	CDC	2022-01-27 23:59	56.98	$0.00	$500.00	$67.00
7	2535352	NTS 32D11	CDC	2022-03-17 23:59	6.51	$0.00	$500.00	$34.25
8	2535353	NTS 32D11	CDC	2022-03-17 23:59	6.54	$0.00	$500.00	$34.25
9	2535354	NTS 32D11	CDC	2022-03-17 23:59	6.57	$0.00	$500.00	$34.25
10	2535355	NTS 32D11	CDC	2022-03-17 23:59	57.01	$0.00	$1,200.00	$67.00
11	2535356	NTS 32D11	CDC	2022-03-17 23:59	57.01	$0.00	$1,200.00	$67.00
12	2535357	NTS 32D11	CDC	2022-03-17 23:59	57.01	$0.00	$500.00	$67.00
13	2535358	NTS 32D11	CDC	2022-03-17 23:59	57.00	$0.00	$500.00	$67.00
14	2560292	NTS 32D11	CDC	2021-11-01 23:59	57.00	$0.00	$1,800.00	$67.00
				Total:	**595.89**	**0**	**10400**	**807**

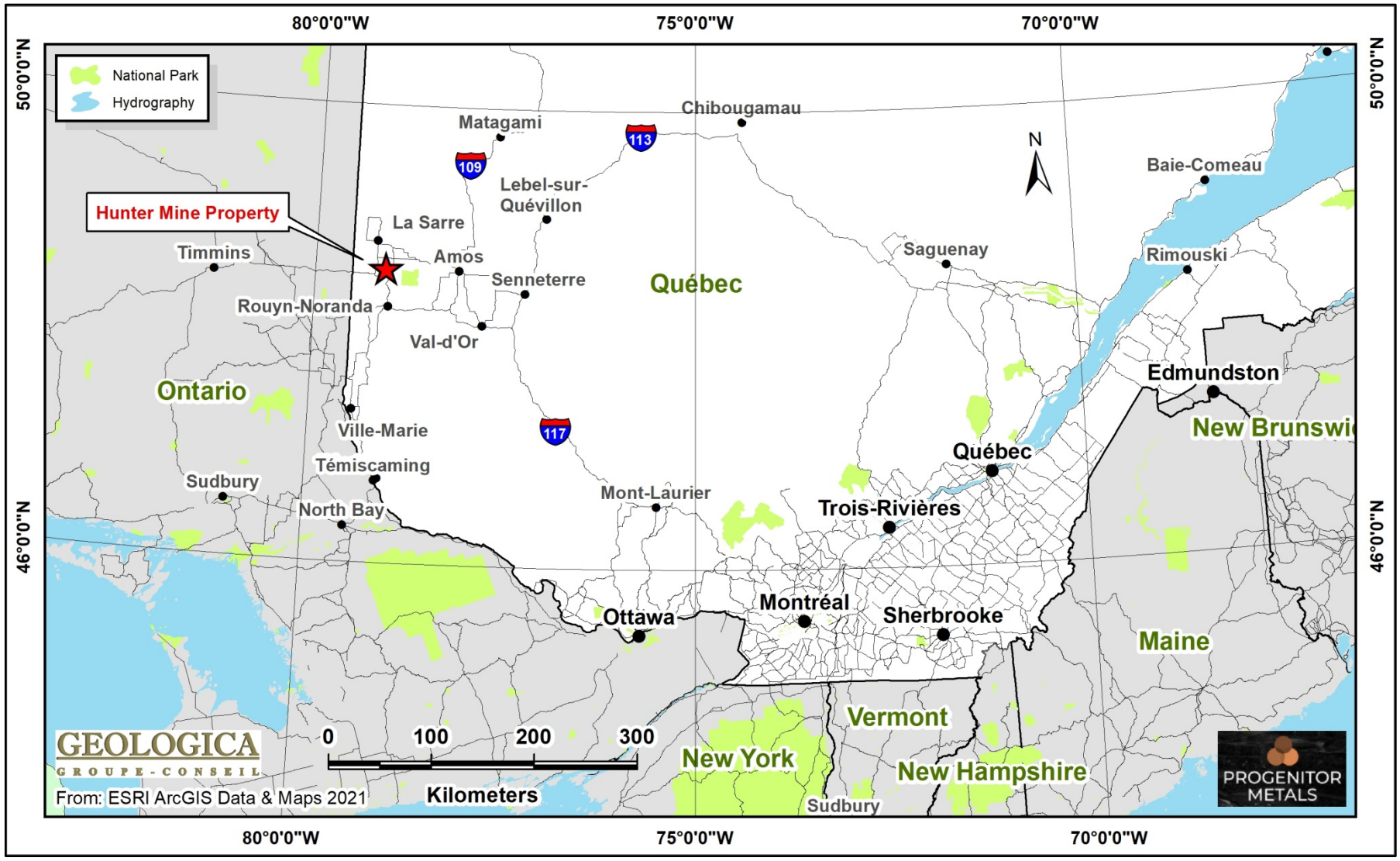

Figure 1 –General Location

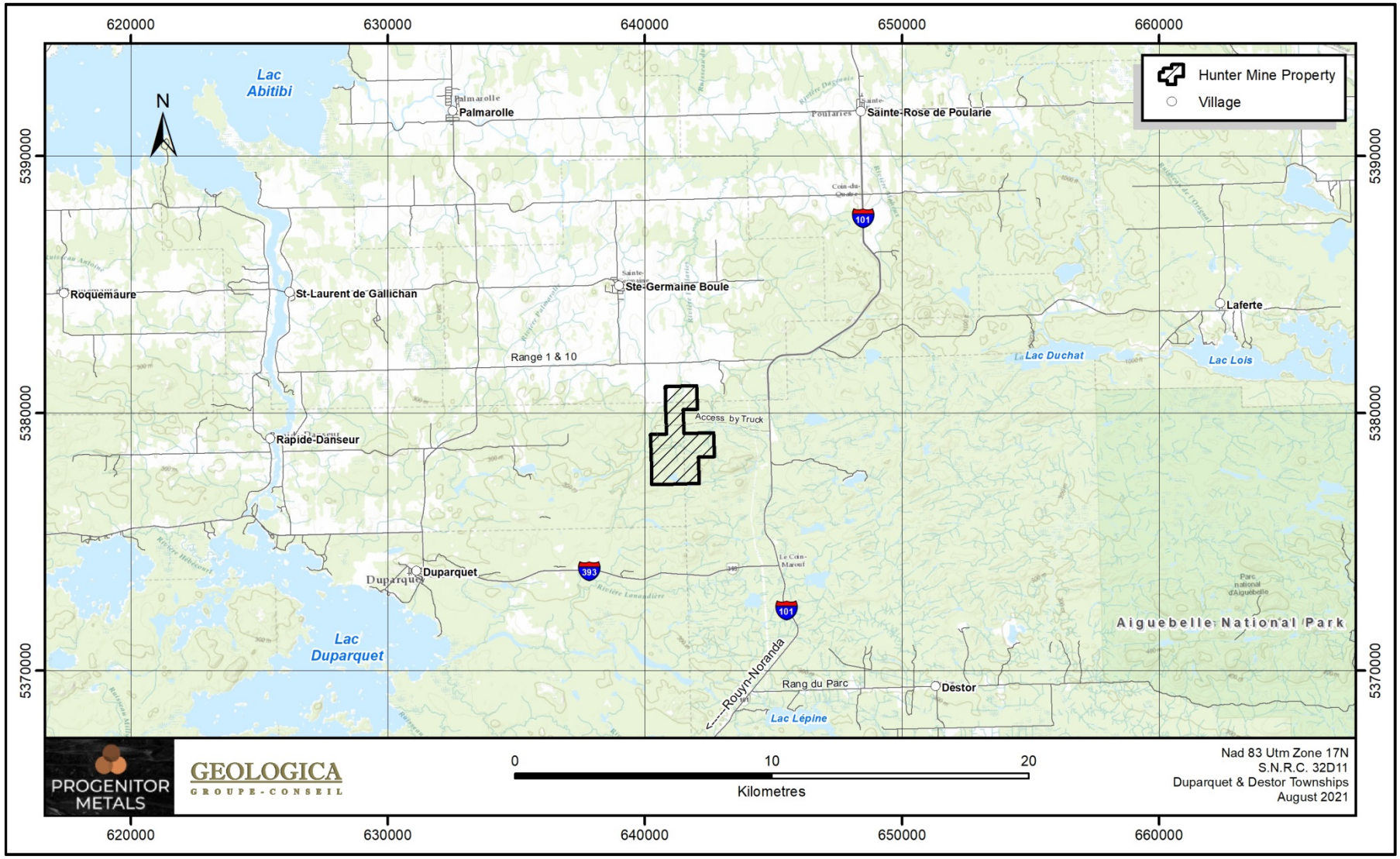

Figure 2 –Detailed Location

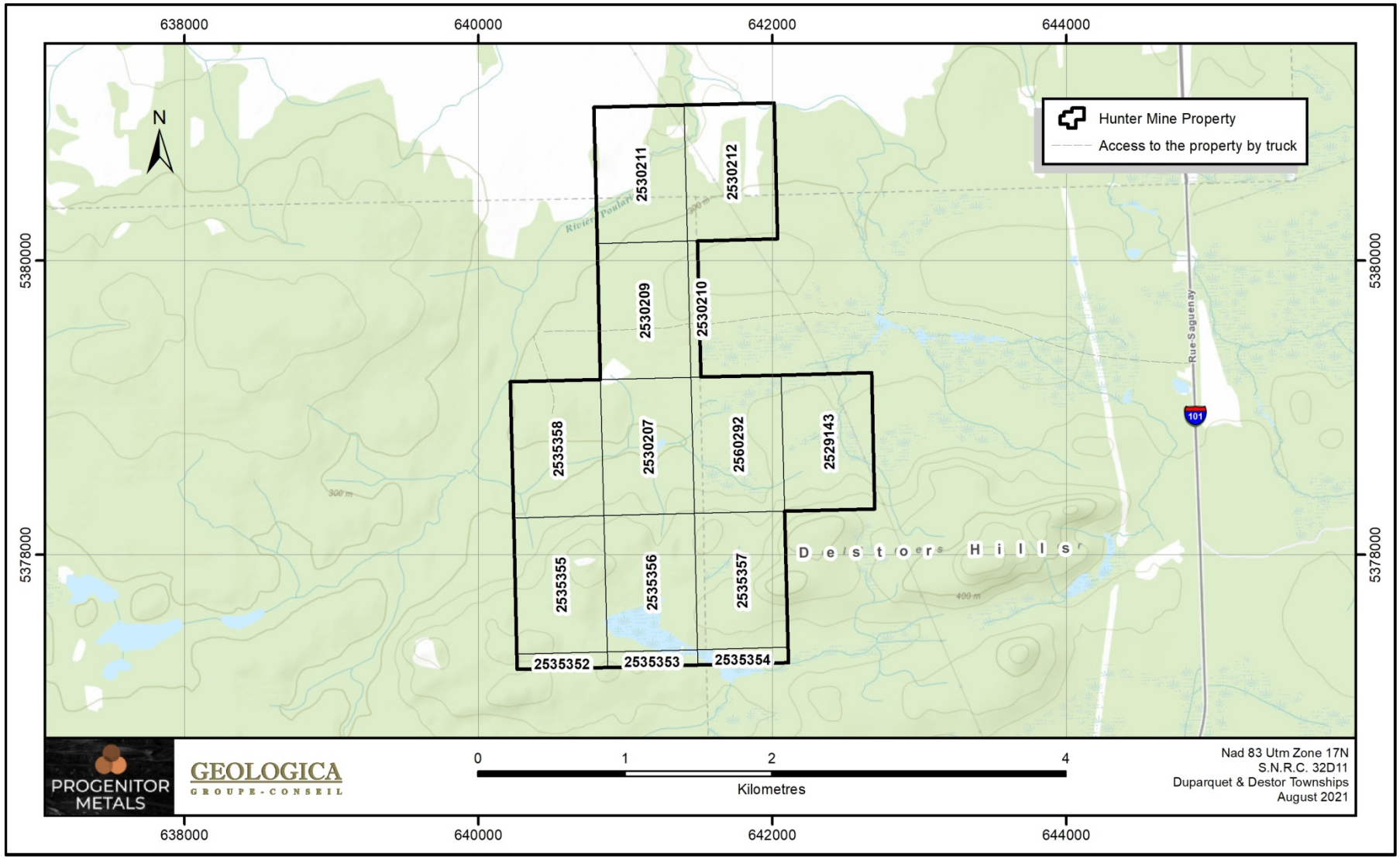

Figure 3 –Claim Map

4.2 ENVIRONMENTAL OBLIGATION, PERMITS AND OTHER RELEVANT FACTORS

The authors are unaware of any environmental liabilities associated with the claims of the Property. 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.

Progenitor is responsible for obtaining all the permissions and permits from the competent authorities (Quebec Energy and Natural Resources Ministry) in the event of future drilling or stripping activities.

5.0 ACCESSIBILITY, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The north-central part of the Property can be easily accessed from Rouyn-Noranda by traveling approximately 40 km north via highway 101 also called Rue Saguenay and then, to the west, via a forestry access road for about 4 kilometres to reach the center of the property.

The topography is generally flat with a few rolling hills (Destor hills to the south), the altitude averaging approximately 300 metres to 450 metres above sea level in the south part of the Property (Destor Hills). Pleistocene glaciation was the last major geological event in the area. Glacial deposits, muskeg, and cultivated fields result in rare and sparse outcrops on surface for geological mapping and prospecting. Vegetation mainly consists of black spruce, poplar, birch, and abundant alder and willow in swampy areas. Thick moss and humus form the principal ground cover in tree-covered areas.

The climate in the La Sarre-Rouyn area consists of warmer months (15° to 30°C) from the middle of May to October, and cold winters (-10° to -35°C). There is moderate precipitation in the summer month and snow accumulation of 3 to 4 feet is normal during the winter months. Normally, ideal ice conditions for winter drilling in the area are from December to the end of March.

6.0 PREVIOUS WORK (à completer)

The area of the Hunter Mine Group Property has been the subject of extensive historical exploration since the 1930s, including geological mapping, rock sampling, linecutting, geophysical surveys, trenches and diamond drilling. Table 2 summarizes the exploration works conducted or on proximity of the Property.

Table 2 – Historical Exploration Work on the Property

Date	Company	Project	Work completed	Results	Reference
1927	Makamic Mines Ltd.	Destor Properties	Geological Report		GM 09684
1951	Richard Copper Corp. Ltd.		Geological Mapping immediately to the east of the actual Property		GM 01235
1952	Claims Willett	Claims Willett	Examination report		GM 01744
1955	Red bark Mines Ltd.		Geophysical surveys and 1 DDH (129.8 m)	Speck of chalcopyrite	GM 03666-A GM 03666-B
1955	Parkway Mines Ltd.		6 DDHs (690.7 m)	DDH P-5: 0.18% Cu / 1.46 m 0.06% Cu / 0.54 m	GM 03647A
1957	Beattie-Duquesne Mines Ltd.		3 DDHs (209.2 m)	Disseminated Pyrite	GM 03945C
1969-1970	Kerr Addison Gold Mines Ltd. / Parquet Mines Ltd.	Claims Wettring	Exploration Report, Electromagnetic & magnetometric surveys	Some conductors were identified	GM 24467 GM 24663 GM 26028 GM 61344
1972	Horizon Industries & Resources Ltd.	South Group	4 DDHs (691.9 m) in the centre-east of the Property	DDH 71-4: 0.06 oz/t Ag & 0.022% Cu / 2.0 feet	GM 29015
1978	SOQUEM	Esperance	Mapping and Geophysical surveys		GM 34262
1984	Ressources Aunore Inc.	Duparquet	Evaluation Report		GM 41376 GM 41377 GM 41380
1985	Ressources Aunore Inc.	Duparquet	Humus surveys, Geophysical surveys and Geological Report		GM 41951 GM 42426 GM 43829 GM 44382
1987	Exploration Aunorex Inc.	Destor-Duparquet	Rapport synthèse des travaux 1984-1986		GM 45615
			MaxMin survey	Several conductors in the norrth part	GM 46205
1992	Exploration Noranda / Ormico Exploration	Hunter West, Lamothe et Aunorex 1145	3 DDHs (1658.2 m)	DDH AU-92-7: 35 g/t Ag & 4.04% Cu / 0.7 m	GM 51843
2005	Golden Valley Mines Ltd.	Hunter Mine Group	Geophysical surveys (IP, Mag, EM) Drilling (1 DDH) south of the Property	Several IP anomalies DDH GML-05-01 : 0.038 g/t Au / 0.16 m	GM 61863 GM 64492

7.0 GEOLOGICAL SETTING

7.1 Abitibi Greenstone Belt

The Property is located in the western part of the Superior Province of the Canadian Shield which forms the core of the North American continent. The Property lies near the Casa-Berardi Deformation Zone in the Northern Volcanic Zone of the Archean Abitibi Greenstone Belt ("AGB").

The AGB comprises east-trending synclines containing volcanic rocks and intervening domes cored by synvolcanic and/or syntectonic plutonic rocks (gabbro-diorite, tonalite and granite), separated by east-trending turbiditic wacke bands (MERQ-OGS, 1984; Ayer et al., 2002a; Daigneault et al., 2004; Goutier and Melançon, 2007). The volcanic and sedimentary strata usually dip vertically and are separated by abrupt, variably dipping east-trending faults. Some of these faults, such as the Porcupine-Destor Fault, display evidence of overprinting deformation events, including early thrusting and later strike-slip and extension events (Goutier, 1997; Benn and Peschler, 2005; Bateman et al., 2008). Two ages of unconformable successor basins are observed: widely distributed fine-grained clastic rocks in early Porcupine-style basins, followed by Timiskaming-style basins composed of coarser clastic sediments and minor volcanic rocks, largely proximal to major strike-slip faults such as the Porcupine-Destor and Larder Lake–Cadillac fault zones and other similar regional faults in the northern Abitibi Greenstone Belt (Ayer et al., 2002a; Goutier and Melançon, 2007). The Abitibi Greenstone Belt is intruded by numerous late-tectonic plutons composed mainly of syenite, gabbro and granite, with lesser lamprophyre and carbonatite dykes. Commonly, the metamorphic grade in the Abitibi Greenstone Belt varies from greenschist to subgreenschist facies (Jolly, 1978; Powell et al., 1993; Dimroth et al., 1983b; Benn et al., 1994), except in the vicinity of most plutons where the metamorphic grade corresponds mainly to the amphibolite facies (Jolly, 1978).

The AGB successor basins are of two types: 1) laterally extensive basins corresponding to the Porcupine Assemblage, with early turbidite-dominated units (Ayer et al., 2002a); and 2) later and aerially more restricted alluvial-fluvial or Timiskaming-style basins (Thurston and Chivers, 1990). The geographic limit between the northern and southern parts of the AGB has no tectonic significance but is similar to the limits between the internal and external zones of Dimroth et al. (1982) and those between the Central Granite-Gneiss and Southern Volcanic zones of Ludden et al. (1986). The boundary between the Northern and Southern parts passes south of the wackes of the Chicobi and Scapa groups, with a maximum depositional age of 2698.8 ± 2.4 Ma (Ayer et al., 1998, 2002b).

The Abitibi Subprovince is bounded to the south by the Larder Lake–Cadillac Fault Zone, a major crustal structure that separates the Abitibi and Pontiac Subprovinces (Chown et al., 1992; Mueller et al., 1996a; Daigneault et al., 2002, Thurston et al., 2008). The Abitibi Subprovince is bounded to the north by the Opatica Subprovince, a complex plutonic-gneiss belt formed between 2800 and 2702 Ma (Sawyer and Benn, 1993; Davis et al. 1995). It is mainly composed of strongly deformed and locally migmatized tonalitic gneisses and granitoid rocks (Davis et al., 1995).

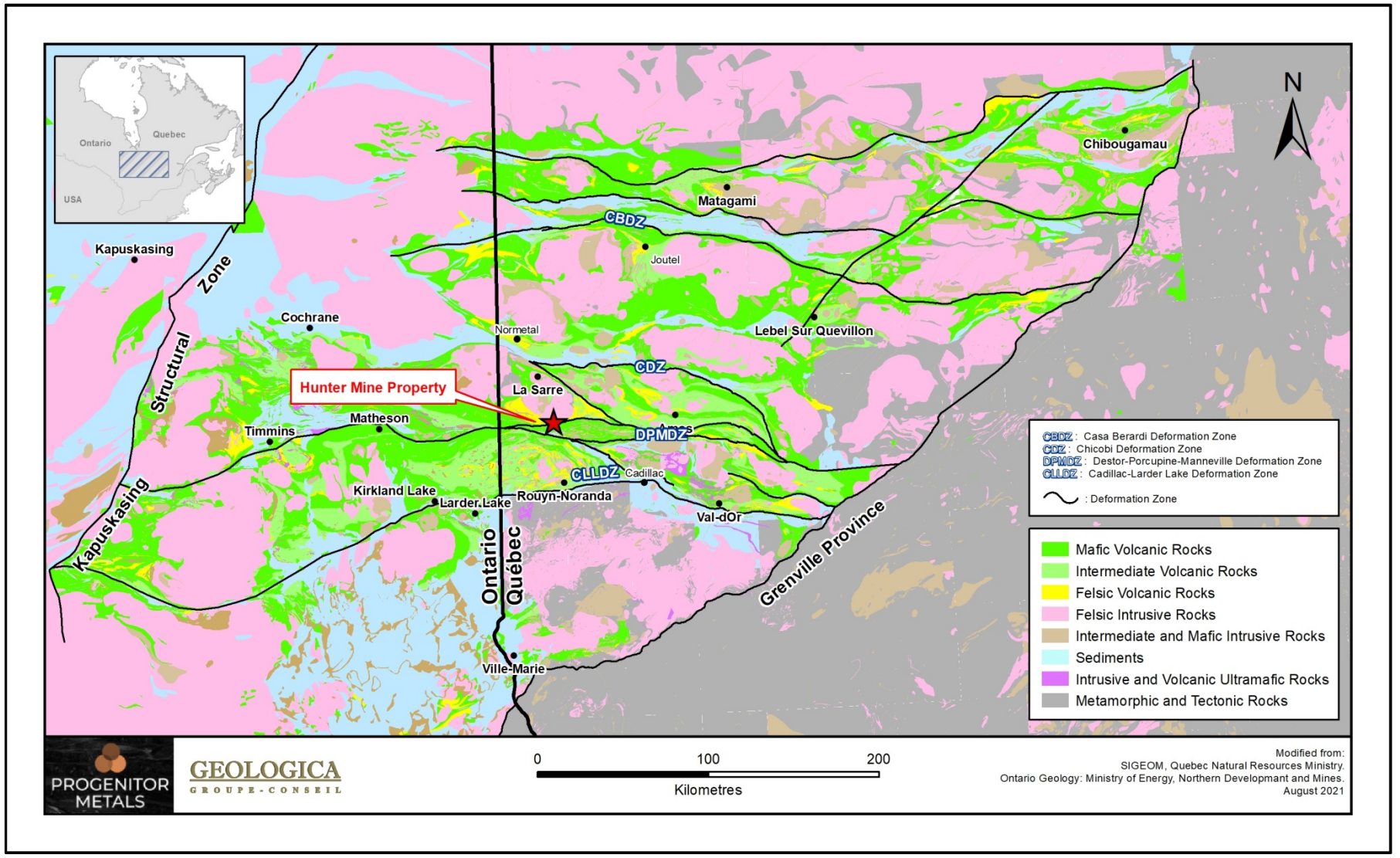

Figure 4 – Abitibi Greenstone Belt

7.2 Regional and Local Geology

The Property is located in the western portion of the Abitibi Greenstone Belt, 80 kilometers north of Rouyn-Noranda. In situ rocks in the area belong to the Precambrian Shield and are of Archean age, consisting of volcanic and sedimentary complexes intruded by various granitoid and post volcanic dykes, sills and plutons (Figure 5). Diabase dykes of various compositions are the youngest rocks and cut across all others in regionally controlled trends in vast dimensions. These rocks are part of the northern portion of the Abitibi Greenstone Belt which stretches from Timmins, Ontario in the east, through Val-d'Or and spans to Chibougamau, Quebec in the northeast, which hosts the main mining camps of eastern Canada.

The Property geology is represented by the Hunter Mine Group (Figure 6). The volcanic rocks are intruded by the Poularies Batholith to the North.

The Hunter Mine Group (HUN) is a calc-alkaline volcano sedimentary sequence comprising five (5) distinctive volcanic units and one (1) sedimentary unit: the Lac Morin Rhyolite, the Rivière Loïs Andesite, the Lac Séguin-Lyndhusrt Rhyolite, the Laferté Breccia, the Laferté Andesite and the sediments of Loïs formation. The HUN volcanic rocks are calc-alkaline (Verpaelst and Hocq, 1991).

The HUN rocks are folded and the Poularies Batholith represents the center of the Abitibi Antiform. The schistosity suggests multiple deformation phases. The main deformation zone is associated with the Est-West Lyndhurst LFZ shear which crosses the north part of the Property.

The Hunter Mine Group hosts many mineral deposits including the past producing Hunter and Lyndhurst mines located in the Lac Séguin-Lyndhurst Rhyolite along the Lyndhurst shear. These deposits consist of vein-associated and disseminated chalcopyrite, pyrite and lesser sphalerite. The alteration in the vicinity consists of silicification, epidotization and chlorite. Rocks of the Hunter and Lyndhurst mines show a greater sodium leaching, -3.4% and -4.5% (Leclerc et al., 1999). Disseminated sulphur mineralization at the Lyndhurst Mine is hosted in chlorite altered, copper rich stringer ore zones (Zalnieriunas, 2002).

The Property is underlain by volcanic rocks cut by minor dikes or sills of intrusive rocks. The formations are striking east-west to NE-SW with a steep dip. The north part of the Property is underlain by rhyolites with beds or tuff as well as lesser bands of intermediate volcanic rocks. The southern part is dominantly more mafic andesitic flows. Tops have been determined to be towards the south. The Lyndhurst-Beattie Shear roughly parallels the contact between andesite and rhyolite. The rhyolite north of the contact is sheared over considerable width, in places 800 metres.

Near the andesite contact, the rhyolites have been highly chloritized in many zones. Carbonatization is also prevalent, and the rock throughout the shear zone is carbonated with increasing intensity as the contact is approached.

7.3 Mineralization

The mineralization is typically hosted in the sheared rhyolite, along the contacts between felsic volcanic tuffs and rhyolites. It occurs as patches or irregular stringers of chalcopyrite. There is almost no pyrite present and only very scarce sphalerite.

On the Property, a drillhole AU-92-7 has intersected a brecciated, carbonatized and sericitized rhyolitic unit between 509.3 and 525.7 m. A mineralized and chloritized horizon (stringer zone) with 10% pyrite and 8% chalcopyrite was recognized in this intersection. Best results obtained were 4.04% Cu and 35 g/t Ag over 0.7 m (GM-51843).

During the recent prospecting and sampling program, a rusty block zone within an old trench was sampled by one of the authors (D. Gaudreault), 5-10% quartz-carbonate-pyrite with 2-5% chalcopyrite was observed (*assay results are pending*). This zone is located within an intermediate to felsic volcanic unit in the north-central part of the Property.

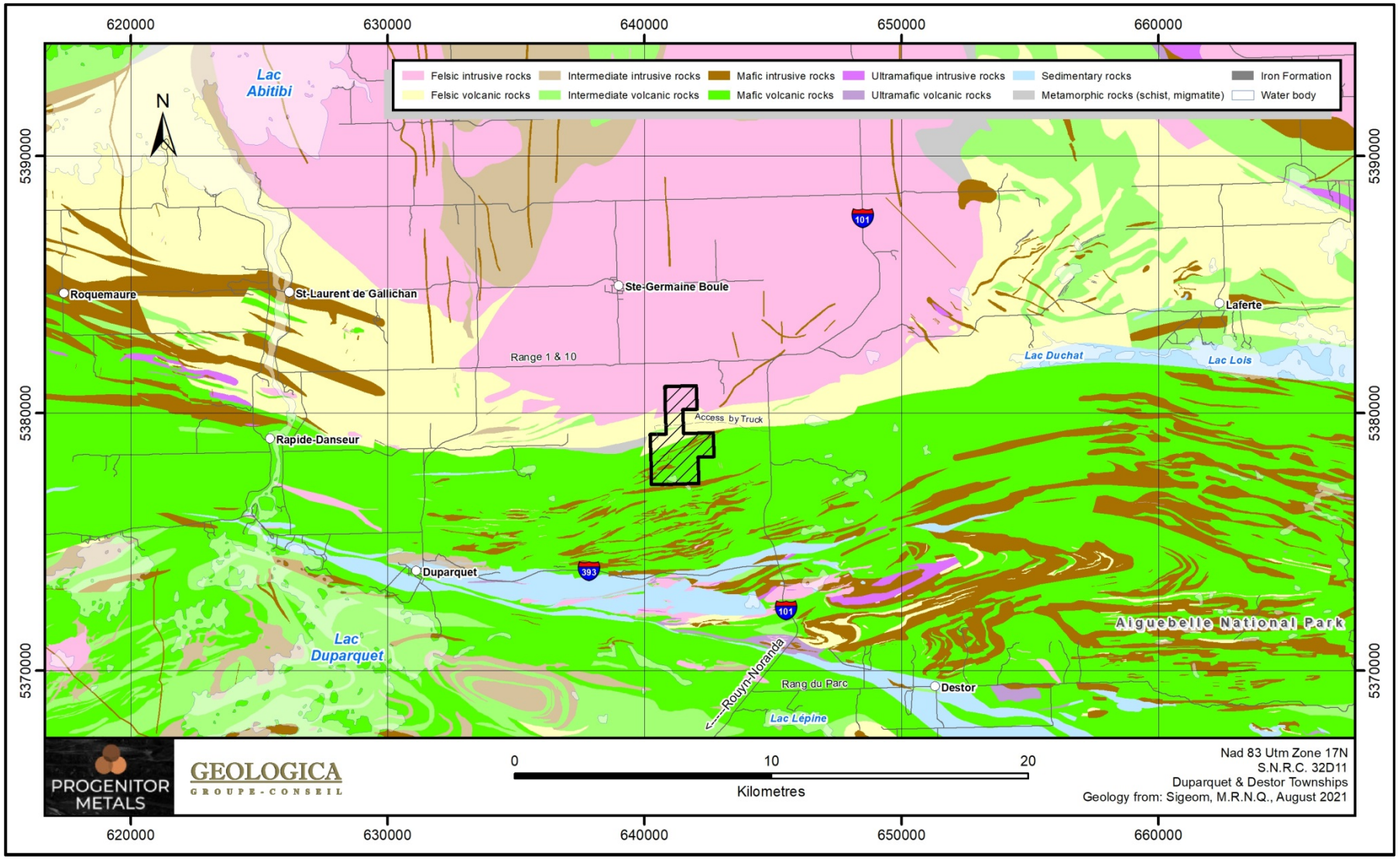

Figure 5 – Regional Geology

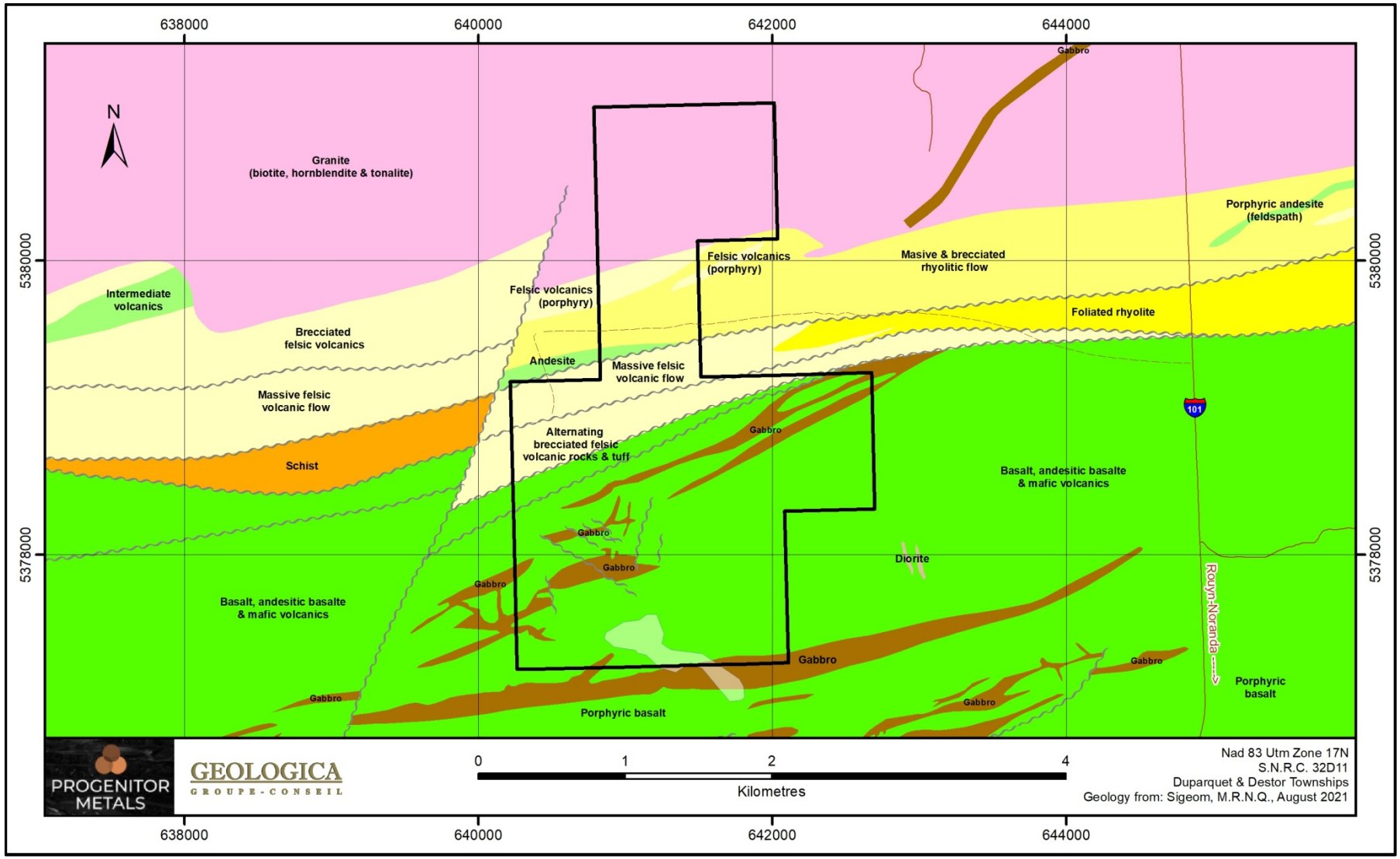

Figure 6 – Local Geology and Mineralization

8.0 DEPOSIT TYPES

In the area of the Property, the past-producing base metal mines include the Hunter and Lyndhurst mines. Both of these mines are Volcanogenic Massive Sulphide (VMS) type ore deposits. They are associated with and created by volcanic associated hydrothermal events. They are predominantly stratiform accumulations of sulfide minerals that precipitate from hydrothermal fluids on or below the seafloor in a wide range of ancient and modern geological settings.

The close association with volcanic rocks and eruptive centers sets VMS deposits apart from similar ore deposit types which share similar source, transport and trap processes. Volcanogenic massive sulfide deposits are distinctive in that ore deposits are formed in close temporal association with submarine volcanism and are formed by hydrothermal circulation and exhalation of sulfides which are independent of sedimentary processes, which sets VMS deposits apart from sedimentary exhalative (SEDEX) deposits.

VMS deposits are associated spatially and temporally with felsic volcanic rocks, usually present in the stratigraphy below the deposit, and often as the direct footwall to the deposit. This may include a sequence of volcaniclastic tuffaceous epiclastics, cherts, sediments or perhaps fine tuffs which are usually related to the underlying volcanics. Sediments are usually contiguous with VMS deposits in some form or another and typically are present as (manganiferous) cherts and chemical sediments deposited within a submarine environment (Gibson 2005, Franklin 2005, Lydon 1984).

The hanging wall to the deposit can be volcanic units (andesites, basalts) essentially contiguous and coeval with the footwall rocks, indicating mineralisation was developed in an inter-eruptive pause; it may be a volcanic rock dissimilar to the footwall volcanics in bimodal volcanic subtypes, or it could be sedimentary strata if mineralisation occurred toward the end of an eruptive cycle.

Most VMS deposits show metal zonation, caused by the changing physical and chemical environments of the circulating hydrothermal fluid. Ideally, this forms a core of massive pyrite and chalcopyrite around the throat of the vent system, with a halo of chalcopyrite-sphalerite-pyrite grading into a distal sphalerite-galena and galena-manganese and finally a chert-managanese-hematite facies. Most VMS deposits show a vertical zonation of gold, with the cooler upper portions generally more enriched in gold and silver.

The mineralogy of VMS massive sulphide consists of over 90% iron sulphide, mainly in the form of pyrite, with chalcopyrite, sphalerite and galena also being major constituents. Magnetite is present in minor amounts; as magnetite content increases, the ores grade into massive oxide deposits.

9.0 EXPLORATION WORK

On July 21, 2021, a field visit was conducted in order to verify all the access part on the Property. Access by the North was not possible except by the private trails on the agricultural lands that would be equired agreement with the owners. In the west, access is possible via an all-terrain trail close to the central-western limit of the Property. The easiest and most convenient access is by the east via Highway 101 using a recent secondary forestry access road which crosses the north-central part of the Property.

In July 27, 2021, Mr. D. Gaudreault with the technical assistance of Mr. J. St-Laurent completed a prospecting survey over the north-central part of the Property with biogeochemical, soil (B-Horizon) and rock sampling (see photos herebelow).

A total of thirteen (13) outcrop areas were visited and six (6) rock samples were collected. Also, thirteen (13) biogeochemical (black spruce or fir) and one (1) B-Horizon soil samples were collected (see Table 3, Table 4 and Figure 7). All samples have been shipped and assayed by Activation Laboratories of Ancaster, Ontario (all assay results in Appendix II).

Outcrop HM-21-001
Brecciated felsic volcanic unit with quartz injections

Outcrop HM-21-002
Intermediate to felsic volcanic unit
Black spruce sample #207373

Outcrop HM-21-004
Rusty blocs in the trench 5-10% Quartz-carbonate-pyrite, 2-3% Chalcopyrite
Sample # 657354

Outcrop HM-21-011
Schistozed felsic volcanic unit

Table 3 – Outcrop and B-Horizon locations and assay results of samples collected in July 2021

Type	Sample	Utm_East	Utm_North	Comments	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)
Outcrop (HM-21-001)		640457	5379010	Outcrop, 5x4 m, north-side of forestry access road, brecciated felsic volcanics, 60% qtz injection, highly sericitized, locally rusty (Py ?), strong and wavy schistosity: N060 / 45°, crenulation: 310°.				
	657300	640457	5379010	Sericitized felsic volcanics.	22	<0.1	5.2	32
	657351	640457	5379010	Quartz vein.	20.8	<0.1	5.4	20
Outcrop (HM-21-002)	657353	640485	5379090	Outcrop area, 25X20 m, intermediate volcanics (andesite ?) ankerite, locally QFP dyke blocks.	19.6	<0.1	2.7	78
Outcrop (HM-21-003)	657352	640534	5378964	Outcrop area on hill, 50X50 m, intermediate volcanics locally pillowed.	23.5	<0.1	18.3	66
Outcrop (HM-21-004)	657354	641098	5379759	Rusty block zones, Trench (?) 5-10% quartz-carbonate-pyrite, 2-5% chalcopyrite.	36.9	25.9	>10000	29
Outcrop (HM-21-004)		641076	5379775	Outcrop area , 60X60 m, intermediate volcanics (andesite ?) schistose: N060 / 50°, few milky white discontinuous quartz veinlets.				
Outcrop (HM-21-005)		641280	5379898	Outcrop area, 50X60 m, intermediate volcanics.				
Outcrop (HM-21-006)		641287	5379818	Outcrop area, 50X60 m, intermediate to felsic volcanics.				
Outcrop (HM-21-007)		641132	5379491	Small outcrop area, 1X2m, sheared felsic volcanics, massive.				
Outcrop (HM-21-008)	657355	641096	5379458	Outcrop area, 4X5 m, schistose felsic volcanics, N068 / 50°, trace pyrite-chalcopyrite.	24.5	0.2	64.4	135
Outcrop (HM-21-009)		641225	5379503	Small outcrop area, 1X2m, Felsic volcanics.				

Type	Sample	Utm_East	Utm_North	Comments	Au (ppb)	Ag (ppm)	Cu (ppm)	Zn (ppm)
Outcrop (HM-21-010)		640826	5379743	Outcrop area, 4X5m, Felsic volcanics to massive intermediate				
Outcrop (HM-21-011)		641455	5379596	Outcrop area, 5X12 m, felsic volcanics, eastern limit of the property, hunting camp				
Outcrop (HM-21-012)		641394	5379546	Outcrop area, felsic volcanics, rusty spots, south-side of the forestry access road.				
Outcrop (HM-21-013)		641429	5379555	Outcrop area, massive felsic volcanics, north-side of the forestry access road.				
Soil (B-Horizon)	715049	640455	5378986	Grey sand	9.4	0.2	20.4	53

Table 4 – Assay results of biogeochemical samples collected in July 2021

Type	Sample	Utm_East	Utm_North	Comments	Au (ppb)	Ag (ppb)	Cu (ppb)	Zn (ppb)
Biogeochemical	207373	640490	5379067	Black spruce.	2.8	14	4140	98300
Biogeochemical	207374	640535	5378975	Fir.	0.15	7	3880	56500
Biogeochemical	207375	640534	5378977	Black spruce, intermediate rocks.	0.5	48	6170	60800
Biogeochemical	207376	640534	5379001	Black spruce, outcrop: intermediate to mafic volcanics.	0.15	18	5280	83000
Biogeochemical	207377	641085	5379751	Black spruce.	0.5	30	4490	47300
Biogeochemical	207378	641095	5379826	Black spruce.	0.15	86	5600	98100
Biogeochemical	207379	641172	5380026	Fir.	0.15	15	4110	55400
Biogeochemical	207380	641236	5379929	Fir.	0.3	12	4300	66200
Biogeochemical	207381	641287	5379818	Black spruce.	0.15	68	5210	73800
Biogeochemical	207382	641071	5379577	Fir.	0.15	13	4000	88000
Biogeochemical	207383	641096	5379458	Black spruce.	1.5	61	5400	42600
Biogeochemical	207384	641409	5379611	Mature black spruce.	<0.2	14	4350	91400
Biogeochemical	207385	641315	5379615	Fir.	<0.2	15	4230	56600

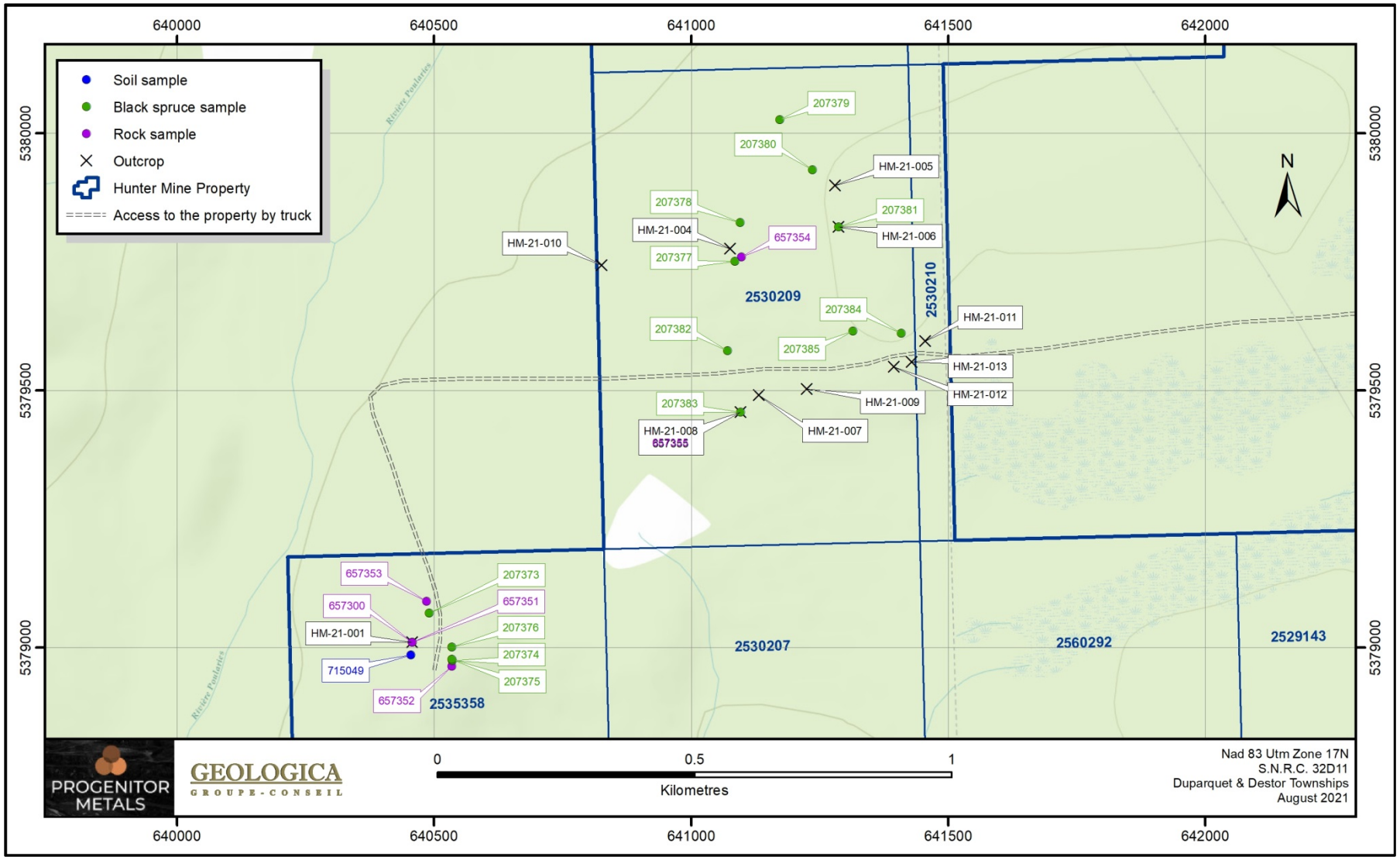

Figure 7 – Location of outcrops and samples collected

10.0 DIAMOND DRILLING

No diamond drilling was carried out by Progenitor on the Property.

However, in the past, several drillholes were performed on the actual site of the Property by Parkway Mines Ltd., Noranda Explorations Ltd., Horizon Industries & Resources Ltd., Beattie-Dufresne Mines Ltd. and Red Bark Mines Ltd. Most significant results obtained in these numerous programs were obtained by Noranda Exploration (DDH # AU-92-07 with 4.04% Copper and 35 g/t silver over 0.7 m (Aurorex-92-7 showing).

Also, immediately to the south of the Property, Golden Valley Mines Ltd. completed a diamond drillhole (GML-05-01) to verify an IP anomaly. Drillhole intersected a fine-grained (aphanitic), light to medium grey-green pillowed andesitic basalt unit. The lower contact was characterized by an increased intensity of shearing, development of cm-scale wide argillaceous (interflow sediment) units and late carbonatization. A well mineralized section of -fractures hosting semi-massive pyrite was intersected, but returned only a weakly anomalous gold value. The drillhole intersected a glomeroporphyritic andesitic flow unit or sill. The lower contact of this unit was marked by a semi-massive (pyrite) replacement zone conformable to the flow banding. The highest gold value from the drillhole was from this zone running 0.038 g/t over 0.16m. Weakly anomalous copper, zinc and silver values were also associated with this zone.

11.0 PREPARATION, ANALYSIS AND SECURITY

During the recent prospecting and sampling survey, all samples were collected by Geologica and sent to the Activation Laboratories in Ancaster, Ontario for analysis. The sampling protocol was established by Geologica and the method was as follows:

1) Each sample was collected using a sledgehammer and a chisel and by choosing if possible the least altered rocks for outcrops; the biogeochemical samples of black spruce or fir were collected with a cutter; and the soil samples were taken with a
2) Assay samples were placed in a plastic or paper bag tied with a plastic tie wrap. A sample tag, made of waterproof paper and legible ink, is placed in a plastic bag with the sample. Each sample number is unique and entered in the database, a distinct series is used;
3) The bags are sealed with a plastic tie wrap, a lab requisition form is completed with the instructions for assay procedure, samples to be assayed, and form of assay result presentation. The samples were shpped by Purolator at the laboratory and a request assay form was seht to the laboratory by email;
4) All rock samples underwent custom crushing and pulverizing techniques. The entire sample was passed through a primary crusher to yield a fine crushed product where greater than 80% of the sample passes through a 2mm (-10 mesh) screen. Samples were then riffle split to obtain approximately a one-kilogram sub-sample. When the crushed sample yielded approximately one kilogram the entire sample was pulverized. A 250 g crushed sample split was ground using a ring mill pulverizer. All samples were pulverized to greater than 95% of the ground material passing through a 105-micron

screen. Samples were analyzed for gold (1A1 Au Fire Assay –INAA) and multielements (ICP-MS Ultratrace 1).

5) Biogeochemical samples (blck spruce or fir), all samples were dried and macerated (process B2). All dry vegetation samples are dissolved in acid and analyzed by ICP-MS for multielements.

6) Soil (B-Horizon) samples were dried (60°C) and sieved (-177 µm). Samples were analyzed for gold and multielements (ICP-MS UT-1M).

7) Internal Lab Quality Control Procedures – Lab standard operating procedures require the analysis of quality control samples (reference materials, duplicates and blanks) with all sample batches. As part of the assessment of every data set, results from the control samples are evaluated to ensure they meet set standards determined by the precision and accuracy requirements of the method.

12.0 DATA VERIFICATION (Item 12)

The authors have verified existing data of previous reports. Although the techniques were not described in the reports, data reported in assessment files, sampling and analysis appear to have been conducted with the norms and standards employed at that period and still valid to this day.

13.0 MINERAL PROCESSING AND METALLURGICAL TESTING (Item 13)

No mineral processing and metallurgical testing were documented in the previous reports verified by the authors in the public reports consulted in the MERN Files and the private reports available at the Val-d'Or Mining office in Val-d'Or.

14.0 MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES (Item 14)

No mineral resource and mineral reserve estimates were completed on the Hunter Mine Property.

14.0 ADJACENT PROPERTIES

The Hunter Mine Property is well located along strike to the east of the past producer Hunter Mine along of the same lithological unit (Figure 8). Thus, many other showings are owned by mining junior companies (Globex Mining Enterprises Inc., Crest Resources Inc. and Kenorland Minerals North America Ltd.) and /or prospectors in search of precious and base-metals.

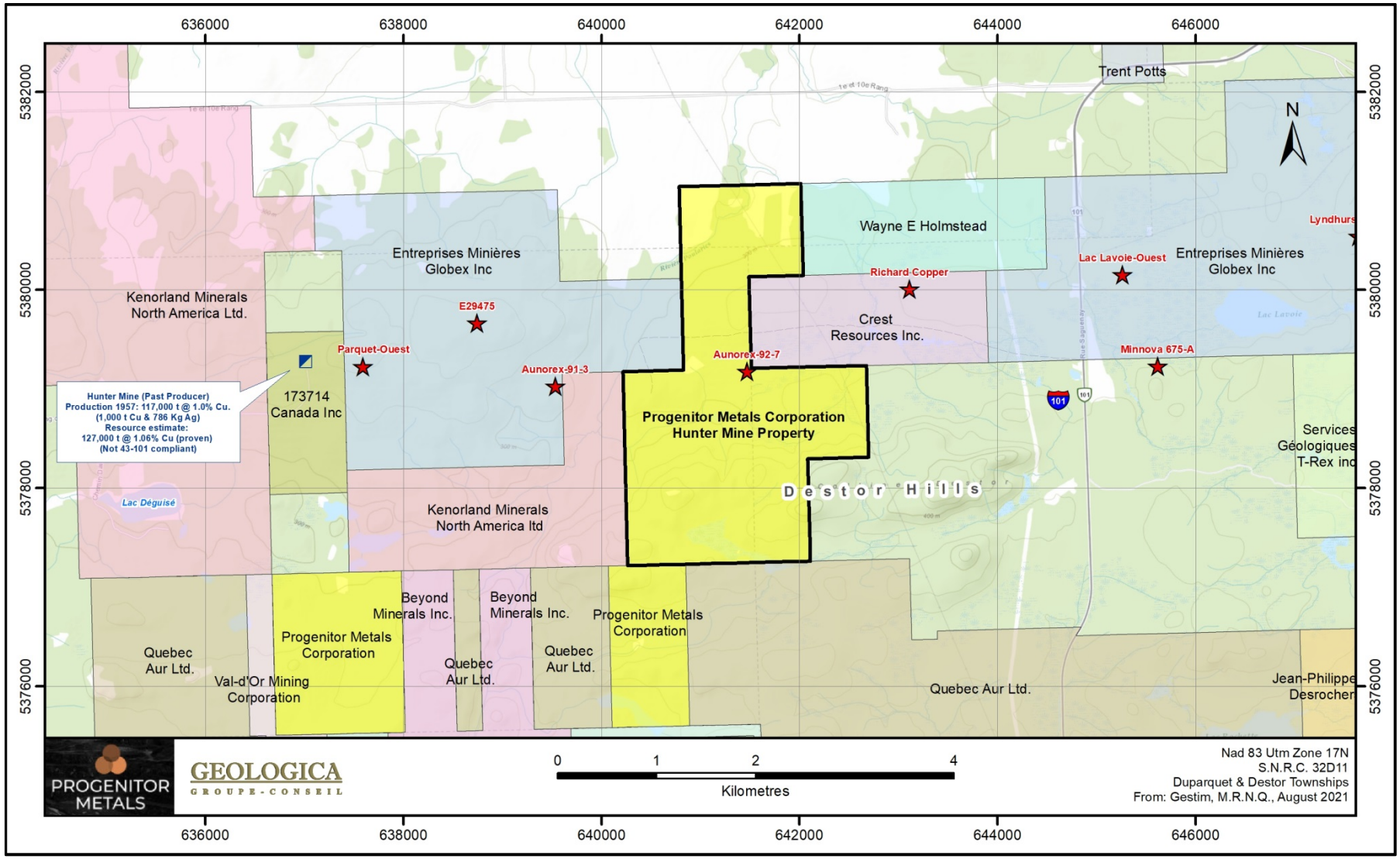

Figure 8 – Adjacent Properties

16.0 CONCLUSIONS AND RECOMMENDATIONS

In the past, several drillholes were performed on the actual site of the Property by Parkway Mines Ltd., Noranda Explorations Ltd., Horizon Industries & Resources Ltd., Beattie-Dufresne Mines Ltd. and Red Bark Mines Ltd. Most significant results obtained in these numerous programs were obtained by Noranda Exploration (DDH # AU-92-07 with 4.04% Copper and 35 g/t silver over 0.7 m (Aurorex-92-7 showing).

During the recent prospection survey, a rusty block zone within an old trench was sampled by the author Daniel Gaudreault showing quartz-carbonate-pyrite with 2-5% chalcopyrite. This zone is located within an intermediate to felsic volcanic unit in the north-central part of the Property.

Based on encouraging historical exploration results obtained on the Property, on the area and the recent prospecting and sampling, Geologica recommends the following exploration program distributed in two (2) Phases.

PHASE 1: BASIC EXPLORATION WORK

Phase 1 will consist of basic exploration work mainly consisting of high definition airborne or drone survey, linecutting on the best anomalous area previously defined by the magnetic survey and induced polarization (IP) survey in selected and priority areas will also be necessary, prospection, reconnaissance geological mapping, rock, complementary soil and biogeochemical sampling in the south part of the Property.

• Airborne or drone magnetic survey: 50 km at 200$/km (including: mobilization & demobilization)	10 000 $
• Grid-line cutting : 20 km at 1,000$/km (including: mobilization & demobilization)	20 000 $
• IP survey on selected lines: 10 km at 2,000$/km (including: mobilization & demobilization)	20 000 $
• Reconnaissance & Detailed mapping (1 geologist & 1 technician) 20 days at $2,000/day (including room and board)	40 000 $
• Geochemical analysis (soil B-Horizon and biogeochemical) 400 samples at 80$/sample	32 000 $
• Rock sampling analysis 100 samples at 80$/sample	8 000 $
• Transport (All-terrain vehicle (ATV) and truck)	5 000 $
• Fieldwork report	30 000 $
Sub-total Phase 1:	165 000 $
Administration (~5%):	8 000 $
Contingencies (~10%):	17 000 $
TOTAL PHASE 1:	**190 000 $**

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

Phase 2 (If warranted from phase 1) will consist of diamond drilling on the best targets and on the extensions of the known mineralized targets.

- Drilling (NQ type) on most significant geophysical, geochemical and geological targets:
  5 000 m @ 250$ / m (all included) 1 250 000 $

Administration (~5%):	62 500 $
Contingencies (~10%):	131 500 $
TOTAL PHASE 2:	**1 444 000 $**
TOTAL PHASES 1 AND 2:	**1 634 000 $**

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Appendix II – Laboratory Assay Sheets (assay results are pending)

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-14443**
Report Date: **23-Sep-21**
Date Submitted: **30-Jul-21**
Your Reference: **HUNTER MINE**

A. Geologica Groupe-Conseil Inc.
450, 3e avenue, suite 202, CP 1891
Val-d'Or Quec J9P 6C5
Canada

ATTN: Daniel Gaudreault

CERTIFICATE OF ANALYSIS

13 Vegetation samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
2G	Unashed Vegetation ICP/MS	2021-08-23 12:12:02
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	2021-09-16 14:01:53

REPORT **A21-14443**

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

Notes:

The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Lower Limit	3	4	10	0.2	1	100	30	2	25	6	15	4	100	0.2	50	0.5	0.4	0.2	3	4	0.4	3	0.4
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
0207372	11	147	220	0.7	12	32200	< 30	26	5500	401	109	95	300	89.3	5130	4.3	1.9	0.9	99	20	5.9	< 3	1.5
0207373	14	125	50	2.8	12	51500	< 30	10	5410	713	80	67	300	40.0	4140	3.4	1.2	1.5	71	22	3.7	< 3	1.8
0207374	7	193	100	< 0.2	7	43600	< 30	27	4230	314	96	65	400	68.3	3880	3.5	2.2	0.5	74	22	5.9	3	1.5
0207375	48	87	130	0.5	6	44800	< 30	40	4070	128	127	68	500	65.2	6170	6.1	2.5	0.9	101	25	7.6	4	1.7
0207376	18	96	120	< 0.2	9	19000	< 30	31	3410	52	111	57	400	52.4	5280	5.3	2.8	1.5	82	21	6.0	< 3	2.3
0207377	30	180	90	0.5	4	3000	< 30	19	2720	1020	72	47	400	131	4490	3.4	1.7	0.8	59	17	3.6	< 3	1.0
0207378	86	55	60	< 0.2	14	75400	< 30	20	9410	320	85	162	400	51.5	5600	3.0	1.6	< 0.2	70	11	5.8	< 3	1.2
0207379	15	110	70	< 0.2	14	50100	< 30	13	6590	283	72	104	300	159	4110	3.7	1.5	< 0.2	62	11	3.2	< 3	1.2
0207380	12	128	80	0.3	13	81300	< 30	16	7520	730	68	79	300	86.8	4300	3.4	2.2	< 0.2	51	16	3.9	< 3	1.4
0207381	68	77	90	< 0.2	7	37700	< 30	21	4730	287	77	69	300	100	5210	3.7	2.0	< 0.2	69	19	4.6	< 3	1.4
0207382	13	135	80	< 0.2	12	60100	< 30	12	7650	885	89	145	200	104	4000	4.1	1.1	< 0.2	55	14	3.9	< 3	1.4
0207383	61	41	70	1.5	7	22100	< 30	19	3750	301	69	55	300	47.7	5400	2.7	1.7	0.7	51	13	3.2	< 3	0.5
715049																							

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Re	Sb	Se
Unit Symbol	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	2	0.2	0.2	10	10	10	0.5	2	100	10	5	2	5	50	4	50	0.2	1	0.2	10	0.2	10	100
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
0207372	27	1.0	2.7	5290	60	50	< 0.5	926	675000	60	12	8	39	1430	705	2060	< 0.2	11	< 0.2	11400	0.9	40	100
0207373	17	0.5	0.9	5450	40	30	< 0.5	630	1380000	80	10	4	29	940	1310	800	< 0.2	8	< 0.2	12600	0.7	20	< 100
0207374	15	0.7	3.6	4270	50	30	< 0.5	842	936000	50	8	10	36	1380	1050	1280	< 0.2	9	< 0.2	11200	0.6	20	< 100
0207375	15	1.0	3.3	2860	70	40	< 0.5	547	607000	90	12	10	47	1430	648	1730	< 0.2	13	< 0.2	6950	0.3	30	< 100
0207376	19	0.8	2.6	4340	60	60	< 0.5	1110	395000	80	20	8	35	1800	901	1440	< 0.2	10	< 0.2	8450	0.3	40	< 100
0207377	11	0.6	1.5	1890	30	50	< 0.5	861	381000	60	6	4	24	1050	618	850	0.2	8	< 0.2	8050	< 0.2	10	< 100
0207378	25	0.8	1.4	2890	40	50	< 0.5	751	1480000	50	11	5	32	1030	934	1020	< 0.2	8	< 0.2	7660	0.8	20	< 100
0207379	29	0.6	1.2	4730	40	30	< 0.5	856	795000	30	8	5	23	1430	993	840	< 0.2	6	< 0.2	15300	0.3	10	< 100
0207380	27	0.6	2.1	3200	30	30	< 0.5	947	846000	30	5	3	24	1180	635	1410	< 0.2	6	< 0.2	5810	1.3	10	100
0207381	21	0.6	2.5	2560	40	60	< 0.5	811	1180000	60	10	5	26	1190	684	1180	< 0.2	8	< 0.2	7860	0.6	20	< 100
0207382	27	0.9	1.0	4190	50	20	< 0.5	1080	1110000	30	7	4	26	910	695	910	< 0.2	7	< 0.2	8690	1.7	10	< 100
0207383	13	0.6	2.6	2420	40	40	< 0.5	704	1140000	40	11	5	28	1040	755	1020	< 0.2	7	< 0.2	10000	0.3	20	< 100
715049																							

Analyte Symbol	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr	Ag	Al	As	Au	B	Ba
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	%	ppm	ppb	ppm	ppm
Lower Limit	1	50	40	0.2	0.2	8	2	150	1	0.1	1	10	25	2	0.4	400	20	0.1	0.01	0.5	0.5	20	0.5
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
0207372	9	60	8890	0.4	0.7	15	13	2910	95	0.3	4	130	< 25	28	2.7	68100	90						
0207373	8	< 50	10600	0.3	0.5	< 8	6	1490	52	0.2	2	70	< 25	15	1.0	98300	100						
0207374	5	60	9250	0.3	0.7	< 8	7	2170	54	0.3	3	80	< 25	26	1.8	56500	90						
0207375	10	70	5850	0.3	0.9	< 8	13	3230	33	0.5	4	130	< 25	32	1.1	60800	70						
0207376	10	70	5500	0.2	0.8	< 8	11	2470	82	0.4	4	110	< 25	28	2.0	83000	60						
0207377	6	< 50	1720	0.3	0.5	< 8	7	1700	80	0.2	2	80	< 25	18	0.9	47300	40						
0207378	7	< 50	20700	< 0.2	0.6	< 8	8	1780	37	0.3	2	100	< 25	21	1.4	98100	50						
0207379	5	< 50	25500	0.3	0.3	< 8	6	1770	84	0.3	2	80	< 25	15	0.7	55400	50						
0207380	3	< 50	19800	0.3	0.5	< 8	6	1290	190	0.2	2	70	< 25	21	0.8	66200	40						
0207381	7	50	6450	< 0.2	0.7	< 8	6	1620	68	0.3	2	90	< 25	20	1.5	73800	40						
0207382	4	< 50	26900	0.2	0.6	< 8	6	1410	99	0.1	3	70	< 25	19	1.5	88000	50						
0207383	4	< 50	5470	< 0.2	0.4	< 8	6	1480	38	0.3	2	60	< 25	21	2.0	42600	40						
715049																		0.2	3.98	4.1	9.4	< 20	36.4

Analyte Symbol	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1	0.001	0.1	1	0.1	0.1	0.5	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
0207372																							
0207373																							
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0207375																							
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0207377																							
0207378																							
0207379																							
0207380																							
0207381																							
0207382																							
0207383																							
715049	0.3	0.23	0.4	8.0	51	20.4	4.38	10	0.10	0.05	8	0.30	230	1.1	0.017	16.1	0.091	7.7	< 1	< 0.1	3.5	1.2	17

Analyte Symbol	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
0207372							
0207373							
0207374							
0207375							
0207376							
0207377							
0207378							
0207379							
0207380							
0207381							
0207382							
0207383							
715049	< 0.2	1.7	0.101	< 0.1	65	< 0.1	53

Analyte Symbol	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf
Unit Symbol	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Lower Limit	3	4	10	0.2	1	100	30	2	25	6	15	4	100	0.2	50	0.5	0.4	0.2	3	4	0.4	3	0.4
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
CLV-1 Meas					12	49500			5970			472							1400				
CLV-1 Cert					11	49300			5940			494							1400				
CLV-1 Meas					12	47600			5830			490							1380				
CLV-1 Cert					11	49300			5940			494							1400				
CLV-2 Meas					42	22300																	
CLV-2 Cert					43	22500																	
CLV-2 Meas					42	21900																	
CLV-2 Cert					43	22500																	
OREAS 45d (Aqua Regia) Meas																							
OREAS 45d (Aqua Regia) Cert																							
CDV-1 Meas	9	1580	1330	1.9	18	8700		21	18600	35	4340	1890	12300	123	8630				2580	610		29	46.7
CDV-1 Cert	9	1500	1300	2.3	12	8500		20	19400	40	4350	2000	12100	121	8610				2560	600		30	46
CDV-1 Meas	9	1440	1240	2.7	17	8700		19	18200	46	4320	1910	11800	118	8600				2540	597		31	45.5
CDV-1 Cert	9	1500	1300	2.3	12	8500		20	19400	40	4350	2000	12100	121	8610				2560	600		30	46
OREAS 922 (AQUA REGIA) Meas																							
OREAS 922 (AQUA REGIA) Cert																							
OREAS 923 (AQUA REGIA) Meas																							
OREAS 923 (AQUA REGIA) Cert																							
OREAS 263 (Aqua Regia) Meas																							
OREAS 263 (Aqua Regia) Cert																							
OREAS 130 (Aqua Regia) Meas																							
OREAS 130 (Aqua Regia) Cert																							
Oreas 623 (Aqua Regia) Meas																							
Oreas 623 (Aqua Regia) Cert																							
OREAS 521 (Aqua Regia) Meas																							
OREAS 521 (Aqua Regia) Cert																							
0207381 Orig	72	71	90	0.5	7	35500	< 30	21	4510	260	69	66	400	98.3	4930	4.0	1.2	< 0.2	63	18	4.1	< 3	1.6
0207381 Dup	64	83	90	< 0.2	7	39800	< 30	22	4950	315	85	72	300	102	5490	3.4	2.7	0.6	74	20	5.0	3	1.2
Method Blank	< 3	< 4	< 10	< 0.2	< 1	100	< 30	< 2	< 25	< 6	< 15	< 4	< 100	0.5	< 50	< 0.5	< 0.4	< 0.2	< 3	< 4	< 0.4	< 3	< 0.4
Method Blank	< 3	9	< 10	< 0.2	< 1	< 100	< 30	< 2	< 25	< 6	< 15	< 4	< 100	0.7	< 50	< 0.5	< 0.4	< 0.2	< 3	< 4	< 0.4	< 3	< 0.4

Analyte Symbol	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Re	Sb	Se
Unit Symbol	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Lower Limit	2	0.2	0.2	10	10	10	0.5	2	100	10	5	2	5	50	4	50	0.2	1	0.2	10	0.2	10	100
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
CLV-1 Meas				1820				1250	572000	2200	135				596	12000				2250			
CLV-1 Cert				1760				1240	571000	2180	134				581	11100				2230			
CLV-1 Meas				1790				1220	568000	2150	132				555	10900				2180			
CLV-1 Cert				1760				1240	571000	2180	134				581	11100				2230			
CLV-2 Meas																					22.8		
CLV-2 Cert																					23.0		
CLV-2 Meas																					22.8		
CLV-2 Cert																					23.0		
OREAS 45d (Aqua Regia) Meas																							
OREAS 45d (Aqua Regia) Cert																							
CDV-1 Meas	38			1760	2330	590		1300	408000	200	59	56		6360	380	1260				2560		30	400
CDV-1 Cert	41			1800	2310	560		1310	413000	200	60	60		6400	400	1330				2600		30	300
CDV-1 Meas	43			1760	2300	510		1270	402000	180	56	64		6410	374	1280				2550		30	200
CDV-1 Cert	41			1800	2310	560		1310	413000	200	60	60		6400	400	1330				2600		30	300
OREAS 922 (AQUA REGIA) Meas																							
OREAS 922 (AQUA REGIA) Cert																							
OREAS 923 (AQUA REGIA) Meas																							
OREAS 923 (AQUA REGIA) Cert																							
OREAS 263 (Aqua Regia) Meas																							
OREAS 263 (Aqua Regia) Cert																							
OREAS 130 (Aqua Regia) Meas																							
OREAS 130 (Aqua Regia) Cert																							
Oreas 623 (Aqua Regia) Meas																							
Oreas 623 (Aqua Regia) Cert																							
OREAS 521 (Aqua Regia) Meas																							
OREAS 521 (Aqua Regia) Cert																							
0207381 Orig	19	0.5	2.8	2450	40	60	< 0.5	785	1140000	60	10	5	25	1130	646	1060	< 0.2	7	< 0.2	7620	0.4	10	100
0207381 Dup	23	0.8	2.2	2660	50	60	< 0.5	836	1230000	50	10	4	28	1250	721	1300	< 0.2	9	< 0.2	8100	0.8	30	< 100
Method Blank	4	< 0.2	0.2	< 10	< 10	< 10	< 0.5	< 2	< 100	< 10	< 5	< 2	< 5	< 50	< 4	< 50	< 0.2	< 1	< 0.2	< 10	< 0.2	< 10	< 100
Method Blank	< 2	< 0.2	< 0.2	< 10	< 10	< 10	< 0.5	2	< 100	< 10	< 5	< 2	< 5	< 50	< 4	< 50	< 0.2	< 1	< 0.2	< 10	< 0.2	< 10	< 100

Analyte Symbol	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr	Ag	Al	As	Au	Ba	Bi
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	%	ppm	ppb	ppm	ppm
Lower Limit	1	50	40	0.2	0.2	8	2	150	1	0.1	1	10	25	2	0.4	400	20	0.1	0.01	0.5	0.5	0.5	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
CLV-1 Meas			29300		18.4						96400					75100							
CLV-1 Cert			28500		17.0						98500					74000							
CLV-1 Meas			28600		17.4						95800					74900							
CLV-1 Cert			28500		17.0						98500					74000							
CLV-2 Meas																							
CLV-2 Cert																							
CLV-2 Meas																							
CLV-2 Cert																							
OREAS 45d (Aqua Regia) Meas																			5.31	3.7	14.1	95.8	0.3
OREAS 45d (Aqua Regia) Cert																			4.860	6.50	21	80	0.30
CDV-1 Meas		80	117000			< 8	609	30600			178	4240		1420		23200	1280						
CDV-1 Cert		80	122000			40	610	30000			170	4200		1410		23300	1290						
CDV-1 Meas		80	118000			< 8	611	29500			170	4150		1390		23200	1260						
CDV-1 Cert		80	122000			40	610	30000			170	4200		1410		23300	1290						
OREAS 922 (AQUA REGIA) Meas																		0.8	2.82	6.4		80.2	12.3
OREAS 922 (AQUA REGIA) Cert																		0.851	2.72	6.12		70	10.3
OREAS 923 (AQUA REGIA) Meas																		1.7	2.74	7.1		46.0	19.2
OREAS 923 (AQUA REGIA) Cert																		1.62	2.80	7.07		54	21.8
OREAS 263 (Aqua Regia) Meas																		0.3	1.87	29.5		175	0.6
OREAS 263 (Aqua Regia) Cert																		0.285	1.29	30.8		175	0.570
OREAS 130 (Aqua Regia) Meas																		5.6	1.21	210			3.0
OREAS 130 (Aqua Regia) Cert																		6.27	1.10	205			3.05
Oreas 623 (Aqua Regia) Meas																		20.4	1.90	77.8	703		17.2
Oreas 623 (Aqua Regia) Cert																		20.4	1.80	76.0	797		16.9
OREAS 521 (Aqua Regia) Meas																		0.9	1.37	333	352		6.1
OREAS 521 (Aqua Regia) Cert																		0.8	1.44	333	365		5.8
0207381 Orig	7	50	6150	< 0.2	0.7	< 8	5	1450	68	0.2	2	80	< 25	16	1.2	71300	40						
0207381 Dup	7	50	6750	< 0.2	0.6	< 8	6	1790	69	0.4	3	100	< 25	24	1.9	76400	40						
Method Blank	< 1	< 50	< 40	< 0.2	< 0.2	8	< 2	< 150	< 1	< 0.1	< 1	< 10	< 25	< 2	< 0.4	< 400	< 20						
Method Blank	< 1	< 50	< 40	< 0.2	< 0.2	< 8	< 2	< 150	< 1	< 0.1	< 1	< 10	< 25	< 2	< 0.4	< 400	< 20						

Analyte Symbol	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1	0.001	0.1	1	0.1	0.1	0.5	1	0.2
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
CLV-1 Meas																							
CLV-1 Cert																							
CLV-1 Meas																							
CLV-1 Cert																							
CLV-2 Meas																							
CLV-2 Cert																							
CLV-2 Meas																							
CLV-2 Cert																							
OREAS 45d (Aqua Regia) Meas	0.09		25.6	415	341	13.8	18		0.10	11	0.16	395		0.036	181	0.033	15.8	< 1		36.1		12	
OREAS 45d (Aqua Regia) Cert	0.09		26.2	467	345.0	13.650	17.9		0.097	9.960	0.144	400.000		0.031	176.0	0.035	17.00	0.045		41.50		11.0	
CDV-1 Meas																							
CDV-1 Cert																							
CDV-1 Meas																							
CDV-1 Cert																							
OREAS 922 (AQUA REGIA) Meas	0.38	0.2	21.4	47	1990	5.17	7		0.41	35	1.27	749	0.7	0.027	38.3	0.065	62.2	< 1	0.4	3.4	3.5	17	
OREAS 922 (AQUA REGIA) Cert	0.324	0.28	19.4	40.7	2176	5.05	7.62		0.376	32.5	1.33	730	0.69	0.021	34.3	0.063	60	0.386	0.57	3.15	3.44	15.0	
OREAS 923 (AQUA REGIA) Meas	0.40	0.4	22.0	39	4580	6.21	8		0.34	35	1.44	863	0.9		32.7	0.063	79.3	< 1	0.7	3.6	7.4	14	
OREAS 923 (AQUA REGIA) Cert	0.326	0.40	22.2	39.4	4248	5.91	8.01		0.322	30.0	1.43	850	0.84		32.7	0.061	81	0.684	0.58	3.09	5.99	13.6	
OREAS 263 (Aqua Regia) Meas	0.95	0.2	29.8	52	91.6	3.73	5	0.16	0.35		0.55	494	0.6	0.083	74.5	0.040	38.5	< 1	5.2	3.8		18	0.2
OREAS 263 (Aqua Regia) Cert	1.03	0.270	31.0	48.0	87.0	3.68	4.92	0.170	0.288		0.593	490	0.570	0.0790	72.0	0.0410	34.0	0.126	7.37	3.52		16.9	0.210
OREAS 130 (Aqua Regia) Meas	1.72	31.5	27.0	24	242	7.38	5	0.70	0.51	24	0.89	1610	8.3		33.5	0.091	1220	7	5.9	3.4		19	< 0.2
OREAS 130 (Aqua Regia) Cert	1.81	28.8	27.1	23.2	226	7.27	4.78	0.670	0.500	26.4	0.892	1630	8.25		35.2	0.0860	1300	6.02	4.69	3.42		23.2	0.170
Oreas 623 (Aqua Regia) Meas	1.06	53.4	203	21	> 10000	13.1	12	0.76	0.18	18	1.14	548	9.2	0.084	18.0	0.042	2310	8	14.3	4.5	19.8	14	0.5
Oreas 623 (Aqua Regia) Cert	1.09	52.0	216	19.4	17200	13.0	11.9	0.830	0.175	17.9	1.11	570	8.38	0.0680	15.6	0.0400	2520	8.75	20.2	4.63	18.6	14.2	0.570
OREAS 521 (Aqua Regia) Meas	3.61		375	34	5620	22.0	12		0.49	112	1.06	3190	133	0.061	74.4	0.076	9.7	2	3.3	9.5	2.3	38	0.7
OREAS 521 (Aqua Regia) Cert	3.66		374	33	5990	20.0	14		0.53	147	1.10	3000	133	0.045	68.0	0.081	9.0	2	3.6	10	2.4	54	0.7
0207381 Orig																							
0207381 Dup																							
Method Blank																							
Method Blank																							

Analyte Symbol	Th	Ti	Tl	V	W	Zn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
CLV-1 Meas						
CLV-1 Cert						
CLV-1 Meas						
CLV-1 Cert						
CLV-2 Meas						
CLV-2 Cert						
CLV-2 Meas						
CLV-2 Cert						
OREAS 45d (Aqua Regia) Meas	11.6			181		37
OREAS 45d (Aqua Regia) Cert	11.3			201.0		30.6
CDV-1 Meas						
CDV-1 Cert						
CDV-1 Meas						
CDV-1 Cert						
OREAS 922 (AQUA REGIA) Meas	15.5		0.2	33	1.3	261
OREAS 922 (AQUA REGIA) Cert	14.5		0.14	29.4	1.12	256
OREAS 923 (AQUA REGIA) Meas	16.6		0.2	32	1.7	358
OREAS 923 (AQUA REGIA) Cert	14.3		0.12	30.6	1.96	335
OREAS 263 (Aqua Regia) Meas	11.5		0.6	25		141
OREAS 263 (Aqua Regia) Cert	10.6		0.530	22.8		127
OREAS 130 (Aqua Regia) Meas	10.5	0.032	4.8	36	1.4	> 5000
OREAS 130 (Aqua Regia) Cert	10.3	0.0270	5.92	33.1	1.40	16900
Oreas 623 (Aqua Regia) Meas	4.8		0.3	16	2.6	> 5000
Oreas 623 (Aqua Regia) Cert	4.72		0.260	15.8	2.62	10100
OREAS 521 (Aqua Regia) Meas	6.8	0.138	0.1	182	75.6	27
OREAS 521 (Aqua Regia) Cert	7.8	0.141	0.1	200	71.0	24
0207381 Orig						
0207381 Dup						
Method Blank						
Method Blank						

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-15807**
Report Date: **08-Sep-21**
Date Submitted: **19-Aug-21**
Your Reference: **SG21-1177 47179 GLOGICA**

Techni-Lab Abitibi Inc.(Actlabs)
245 Rue Roy
Ste-Germaine QC
Canada

ATTN: MATHIEU RANCOURT

CERTIFICATE OF ANALYSIS

6 Pulp samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-1M	QOP Ultratrace-1 (Aqua Regia ICPMS)	2021-08-31 15:42:27

REPORT **A21-15807**

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

Notes:

The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Unit Symbol	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
657300 47179	< 0.1	1.12	< 0.5	22.5	< 20	32.1	0.1	0.11	< 0.1	1.0	5	5.2	2.19	4	0.14	0.22	36	0.54	196	1.5	0.025	2.3	0.008
657351	< 0.1	0.53	1.4	20.8	< 20	15.1	0.4	0.02	< 0.1	1.0	7	5.4	1.37	2	0.12	0.09	20	0.23	205	0.5	0.044	1.7	0.008
657352	< 0.1	3.71	1.1	19.6	< 20	19.2	< 0.1	0.82	< 0.1	13.4	15	2.7	9.29	12	0.11	0.07	12	1.20	1000	0.5	0.024	19.7	0.044
657353	< 0.1	1.25	< 0.5	23.5	< 20	34.8	< 0.1	1.58	< 0.1	14.6	15	18.3	3.25	4	0.11	0.19	8	1.12	442	0.3	0.034	24.3	0.050
657354	25.9	0.29	13.3	36.9	< 20	4.8	15.5	0.02	0.1	23.4	7	> 10000	6.38	4	0.17	0.02	2	0.15	89	30.1	0.010	3.5	0.016
657355	0.2	1.69	1.1	24.5	< 20	26.2	0.7	0.16	< 0.1	4.0	6	64.4	2.59	5	0.10	0.18	18	1.56	582	0.9	0.012	4.8	0.027

Analyte Symbol	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
657300 47179	1.8	< 1	< 0.1	0.9	0.9	4	< 0.2	5.0	0.002	< 0.1	2	0.3	32
657351	1.9	< 1	< 0.1	0.7	0.9	6	< 0.2	2.8	0.001	< 0.1	2	0.4	20
657352	3.2	< 1	< 0.1	4.7	0.8	13	< 0.2	1.3	0.003	< 0.1	48	0.4	78
657353	1.3	< 1	< 0.1	3.0	1.0	28	< 0.2	2.0	0.003	< 0.1	16	0.3	66
657354	14.8	3	0.2	0.7	13.1	< 1	2.4	0.2	0.002	< 0.1	6	0.4	29
657355	8.6	< 1	< 0.1	1.2	1.0	3	< 0.2	2.4	0.001	< 0.1	7	0.3	135

Analyte Symbol	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Ni	P	Pb	S	Sb	Sc
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Lower Limit	0.1	0.01	0.5	0.5	0.1	0.01	0.1	0.1	1	0.2	0.01	1	0.01	1	0.01	1	0.1	0.1	0.001	0.1	1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 923 (AQUA REGIA) Meas	1.6	2.75	7.9	65.4	20.7	0.38	0.3	21.3	41	4650	6.14	8	0.40	32	1.48	912	0.9	33.8	0.062	84.6	< 1	0.6	3.5
OREAS 923 (AQUA REGIA) Cert	1.62	2.80	7.07	54	21.8	0.326	0.40	22.2	39.4	4248	5.91	8.01	0.322	30.0	1.43	850	0.84	32.7	0.061	81	0.684	0.58	3.09

Analyte Symbol	Se	Sr	Th	Tl	V	W	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	1	0.1	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 923 (AQUA REGIA) Meas	5.8	14	15.2	0.2	32	2.4	342
OREAS 923 (AQUA REGIA) Cert	5.99	13.6	14.3	0.12	30.6	1.96	335