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Technical Report On the West Geraldton Gold Project – South Errington Claim Block

Thunder Bay Mining District Northwestern Ontario, Canada

Cells

539033

Prepared for:

Alex Pleson

Prepared by: Alexander J. R. Pleson P. Geo April 9th, 2022

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1.0 SUMMARY

The West Geraldton Gold Project (WG/ERRINGTONGP), or "the project", represents a significant mining land package in the heart of the Beardmore-Geraldton gold camp. The property was acquired on April 7th 2016 by Michael Goodman of Beardmore, ON and Alex Pleson "the author" of Nipigon, ON. The area consists of 59 mining cell units in Errington Township representing ~942 hectares of land. The project has seen a vast amount of exploration for gold since initial documentation in 1936. A significant amount of prospecting, drilling, and geophysics has been completed since then. However, there is a great lack of data compilation and detailed ground work that exists. The current claim holders intend to fill the gaps and develop the project in the shadows of the potential gold project 14km to the east owned jointly by Centerra Gold and Premier Gold Mines Ltd. Currently some claims are owned solely by the Author or solely by Michael Goodman. The partnership plans to amalgamate most of the claims and apply for a permit this spring.

The project described in this report includes an initial attempt to explore a claim we acquired south of Hwy 11 and south of the main West Geraldton Claim group. This stand alone claim consists of 7 mining cells represented as a multi cell claim (#539033) and requires \$2,800 of assessment work to extend the claim by 1-year.

2.0 INTRODUCTION

This report covers the results of a geophysical survey, VLF EM-16, which took place from December 19th, 20th, and 21st 2021 on the project. The geophysics technicians used a Geonic's model EM16 (serial# 3353) to perform the survey which requires a helper to record the position and readings. The complete specifications are available in Appendix D.

3.0 PROPERTY DESCRIPTION AND LOCATION

The WG/ERRINGTON Project is located 275 kilometers northeast of Thunder Bay, Ontario, and approximately 7 kilometers west from the town of Geraldton, Ontario (Figure 1). It is located in Errington Township, in Thunder Bay North Mining Division (NTS 42E11NE). The Kenwell Siding Road bisects the western part of the property and offers direct and excellent road access from the Trans-Canada Highway 11 for 3.2 kilometers. Access can also be obtained by boat from a crude boat landing on Magnet Creek alongside the Trans-Canada Highway 11. Point of access by boat on Magnet Creek in the northern part of the property is by way walking east on the northern claim boundary where a cut baseline exists separating the patented claims owned by Greenstone Gold Mines and the unpatented mining cells. This provides quick access to the most parts of the property, with a private road coming into the north of the property. A forestry road off of the Eldee Lake Road also provides access within 200m of the eastern claim boundary which is currently open all year round with restricted access due to the Greenstone Gold mine development.

Figure 1: Property Location Map

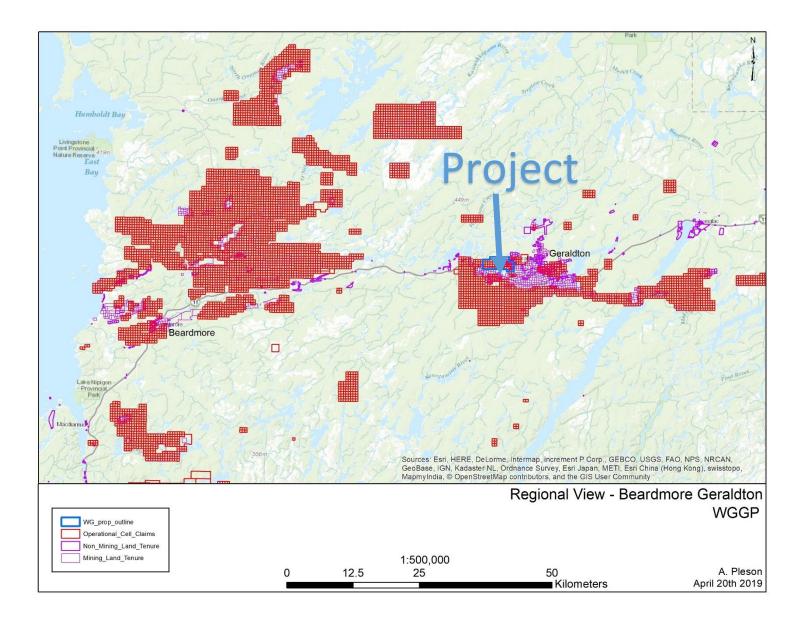
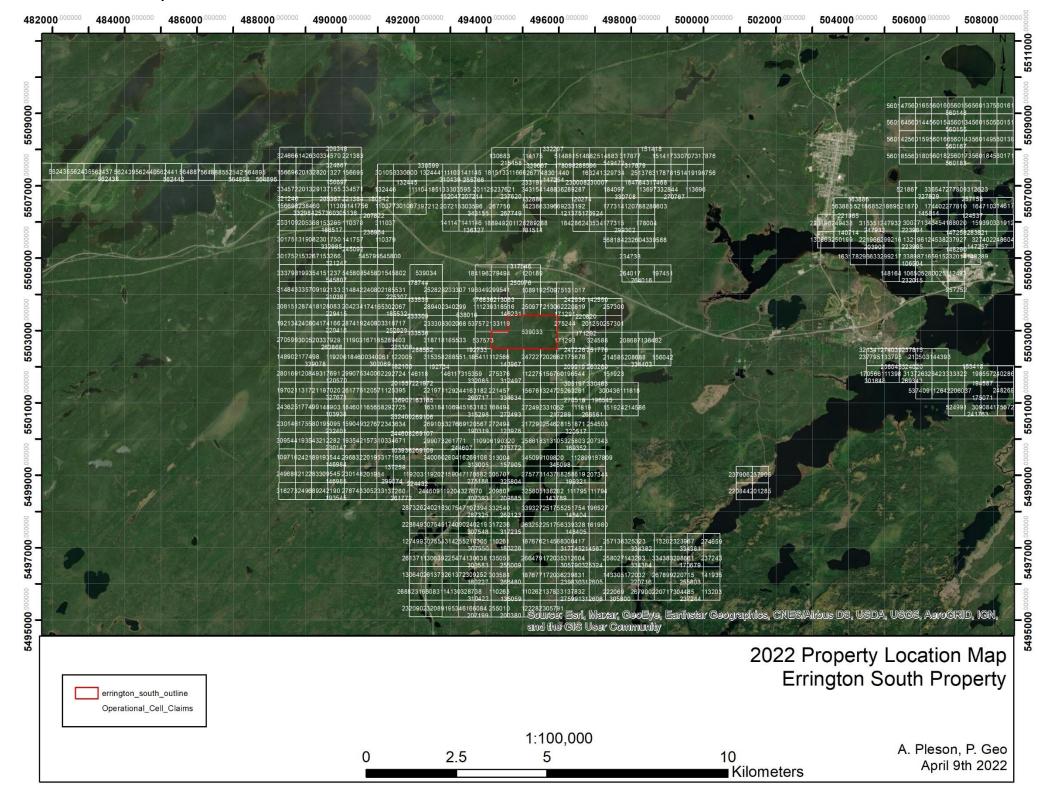


Figure 2: Mineral Claim Map



4.0 ACCESS, CLIMATE, PHYSIOGRAPHY, LOCAL RESOURCES, AND INFRASTRUCTURE

The WG/ERRINGTON Project is located 275 kilometers northeast of Thunder Bay, Ontario, and

approximately 7 kilometers west from the town of Geraldton, Ontario (Figure 1). It is located in Errington Township, in Thunder Bay North Mining Division (NTS 42E11NE). The Kenwell Siding Road bisects the western part of the property and offers direct and excellent road access from the Trans-Canada Highway 11 for 3.2 kilometers. Access can also be obtained by boat from a crude boat landing on Magnet Creek alongside the Trans-Canada Highway 11. Point of access by boat on Magnet Lake in the southern part of the property is by way walking east on the southern claim boundary where a cut baseline exists. This provides quick access to the most parts of the property.

The towns of Beardmore and Geraldton is the closest community, located approximately 70 km west and 14km east, respectively, of the project. Beardmore is part of Greenstone, an amalgamated town encompassing Nakina, Geraldton, Longlac, Beardmore, Caramat, Jellicoe, Macdiarmid and Orient Bay. The population of Greenstone is 4,906 people (Statistics Canada, <u>www.statcan.gc.ca</u>) and the population of Beardmore is approximately 150 people (http://www.highway11.ca/ThunderBay/06Beardmore). Beardmore has limited accommodation and restaurants.

The town of Thunder Bay, located about 275 kilometers from the Property, is the largest city in Northwestern Ontario, serving as a regional commercial Centre. The town is a major source of workforce, contracting services, and transportation for the forestry, pulp and paper and mining industry. Thunder Bay is a transportation hub for Canada, as the TransCanada highways 11 and 17 link eastern and western Canada. It is close to the Canada-U.S. border and highway 61 links Thunder Bay with Minnesota, United States. Thunder Bay has an international airport with daily flights to Toronto, Ontario and Winnipeg, Manitoba, and the United States.

The city of Thunder Bay has most of the required supplies for exploration work including drilling and geophysical survey companies, grocery stores, hardware stores, exploration equipment supply stores, restaurants, hotels, and a hospital. The population of the city of Thunder Bay was 109,140 people in 2006 (Statistics Canada, www.statcan.gc.ca). Many junior exploration and mining companies are based in Thunder Bay, and thus the city is a source of skilled mining labour.

The height of land ranges from 335 m and 370 meters above sea level. Inferred thickness of overburden varies from bedrock exposure to 21.9 meters as evidenced in the surface trenching program and overburden depths in both the historical and Prodigy's drilling programs. The overburden cover consists of unconsolidated glacial gravelly, silty sand diamicton with thin sand and gravel areas in higher relief areas, and thick organic matter and clay in poorly drained lower relief areas. There are prominent northwest-southeast trending sandy eskers in the north part of Errington Township. For

the most part, the relief on the property is gentle. The lower relief areas are occupied by extensive clay-rich swamp and muskeg with poor drainage. An extensive swamp is located west of the 2010 WG/ERRINGTON drill program, where drainage from Magnet Lake is reflected by a north trending super-saturated swamp. This sparsely vegetated swamp measures 4.5 km by 0.5 km and is poorly drained. The meandering Magnet Creek closely marks the south claim of West Geraldton draining from Barton Bay on Kenogamisis Lake westward to Magnet Lake. For the most part, the property is characterized by less than <1% outcrop cover rock exposure and low-lying outcrop is generally undulating with the glacial cover. Vegetation consists of small black spruce balsam, cedar, and tamarack in the swampy areas with the higher relief areas being a mixture of spruce, poplar, with birch and jack pine being more prominent in the sandy knolls. The topography and vegetation in the area of the drilling is reflected by higher ground with open black spruce. The overburden is characterized by clay in the relatively low-lying area of the trenched area with silty-clay, silty-sand, and gravel in the western part of the trench area.

http://www.thunderbay.ca/Doing Business/About Thunder Bay.htm)

5.0 HISTORY

Although there are many indications of historical exploration work in the West Geraldton Project area, the earliest known exploration work was carried out between 1936 and 1937, with the most recent being in 1996-97. Exploration work conducted by Portage Long Lac GML (1936-37), New Bidlamaque Mines (1962), and Tenango Exploration (1994) covered the Portage East target area.

Most of the work completed near the project is associated with the Iron Formation and sequences of metavolcanic and metasedimentary rocks to the North of the project

Kodiak Exploration Ltd. has the only report filed for assessment work on the property, this was completed in 2008 (Assessment File Number: 20000013687)

Portage Long Lac Gold Mines (1936-37) conducted the original exploration on the claim group, and was limited to trenching and test pits in the early stages of exploration, as a result of thick overburden.

Pye (1951) reported that an aggregate footage of 20,595 feet (6227 meters) in 34 diamond drill holes was drilled. A broad east-west shear was intersected over a strike length of 1.8 kilometers (5900 feet), with gold values over 1.1 kilometer (3600 feet) and widths up to 152 meters. Visible gold was noted in two of the drill holes. This shear has been interpreted as part of the Portage Shear. Highlights of the drilling includes hole 25 which intersected 9.96 g/t Au over 2.04 meters and hole 30, which intersected 11.13 g/t Au over 1.52 meters (Pye – 1951). It has been reported that the best zone for continuous gold intersections covered a strike length of 152 meters (500 ft), averaging 8.21 g/t Au over 1.22 meters (0.24 opt Au over 4 feet). The outbreak of World War II forced the suspension of operations and no further work was carried out until 1962. The historical drilling is located within the Portage East target area.

In 1962, New Bidlamaque Mines Ltd optioned the property from the patented owners and carried out a 610 meter (2000 feet) diamond drill program with no documentation and results being available.

In 1994, Tenango Explorations Inc. carried out IP/magnetic surveys and recommended data compilation and interpretation. There is some correlation between IP chargeability/magnetic features and gold mineralization intersected in the historical drill holes.

The more recent exploration over West Geraldton was conducted in 1996-97 by Cyprus Canada Inc. Their exploration was carried out west of the Portage East target. Surface

exploration consisted of line-cutting, VLF-EM/magnetic and IP ground geophysical surveys, and prospecting and mapping in 1996. This was followed up by a four drill-hole drill program totaling 853 meters. No significant gold values were intersected.

The Ontario Geological Survey commissioned an Aerodat Survey in 1988 as part of a regional survey that covered the Tashota-Geraldton-Long Lac areas. No further work was carried out until the patents lapsed, then re-staked in 2007, and worked by Kodiak Exploration Ltd. in 2008. This work concluded that the drill program was successful in establishing and outlining gold values within the Bonanza Zone trench area. Gold mineralized structures are coincidental to IP chargeability zones, and are spatially associated with magnetic anomalies. It appears that this widespread gold mineralization is part of a regional system that trends for approximately 30 kilometers, and hosts the Little Long Lac Mine (0.6 Moz Au). The Portage East target area is within 5 kilometers west-northwest from the Little Long Lac Mine in Geraldton, along the Portage Shear. Host rock, geometry, and structure along the Portage Shear at Portage East is analogous to greenstone hosted, shear zone related quart-carbonate gold deposits, particularly in the Timmins and Kirkland Lake Gold Camps. Faults and fractures along the Portage Shear provide pathways for auriferous hydrothermal fluid movement. The presence of ferruginous metasediments and iron formation in the Portage East target provide the chemical trap for gold to precipitate in the formation of pyrite. The complex intrusive phases of the feldspar porphyry and diorite bodies provided the heat to the hydrothermal system, with the altered porphyries providing gold mineralization.

A summary of work is presented in Table 2 prior to Kodiak Exploration (*after Roach,* 2011).

Company	Year	Description of Historical Exploration Work on West Geraldton
Cyprus Canada Inc.	1997	853 meters of diamond drilling in 4 drill holes – No significant gold results returned
Cyprus Canada Inc.	1996	Line-Cutting, VLF-EM/magnetic surveys, IP survey, prospecting and mapping
Tenango Explorations Inc.	1994	IP and magnetic survey – line km unknown
New Bidlamaque Mines Ltd	1962	2000 ft (610 meters) of diamond drilling – results unknown
Portage Long Lac Gold Mines	1936- 37	Prospecting, blasting & trenching, and 20,595 ft (6227 meters) of diamond drilling in 34 diamond drill holes – highlights include Hole 25 which intersected 9.96 g/t Au over 2.04 meters and Hole 30, which intersected 11.13 g/t Au over 1.52 meters

Table 2: Historic Exploration Summary (Roach 2011)

6.0 GEOLOGICAL SETTING AND MINERALIZATION

6.1 Regional Geology

The supracrustal rocks underlying the WG/ERRINGTON Property are characteristic of the southfacing northern volcanic sub-belt (Figure 4). This part of the sub-belt is dominated by clastic metasediments with underlying iron-rich tholeiitic basalts and hyabyssal gabbro sub-volcanic equivalents to the north. There are inter-formational chemical metasedimentary horizons (banded iron formation and cherty exhalative) within the clastic metasediments and mafic metavolcanics. Due to the lack of outcrop, it is difficult to ascertain the dominance of clastic metasediments and mafic metavolcanics. Clastic metasediments are generally thickly bedded to finely laminated greywacke with arkose and argillite with banded iron formation (BIF). A reworked fragmental unit has been identified from Prodigy Gold Inc drilling and generally lies at the contact between the clastic metasediments to the south and mafic metavolcanics to the north. Clastic metasediments also occur as inter-formational units within the mafic metavolcanics. Although the oxide facies BIF are dominant, lean silicate, carbonate, and sulphide facies iron formation occur. Basaltic rocks are generally extrusive in nature forming massive flows, with local pillows and amygdaloidal features. Mix of clastic and chemical metasediments and volcaniclastics occur as thin inter-formational horizons. There are quartz (QP) to quartz-feldspar porphyry (QFP) sill and dyke-like bodies, but the extent is not truly known. The rocks underlying the property have undergone regional lower greenschist metamorphism.

The WG/ERRINGTON Property is situated on the Portage Shear, which trends in an eastwest direction for approximately 30 km. The Little Long Lac Mine (920,745 tons milled @ 0.34 opt Au for 605,499 oz of gold) is located on the intersection of the Portage Shear and the Little Long Lac Fault. Pye (1951) has described the Portage Shear as a strong zone of shear within brecciated mafic metavolcanics and clastic and chemical metasediments that is over 152 meters (500 ft) wide that has been traced over a strike length of 1829 meters (6000 ft). These structural features have been recognized on the WG/ERRINGTON Property in the mafic metavolcanics, clastic/chemical metasediments, and QP/QFP bodies.



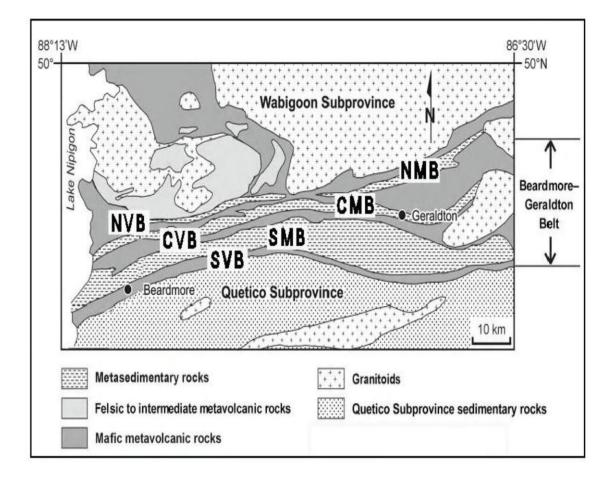


Table 3: Historic Gold Production in the Beardmore-Geraldton Belt summarized by Roach 2011

Mine	Production	Ore Milled	Gold Produced	Average Grade	Silver Produced	
	(yrs)	(tons)	(oz)	(oz/t)	(oz)	
Bankfield	10	231,009	66,417	0.29	7,590	
Brengold	2	46 134		2.91		
Crooked Green Creek	5	1,455	471			
Hard Rock	14	1,458,375	1,458,375 269,081		9,009	
Jellicoe	3	10,620	4,238	0.4	145	
Leitch	33	920,745	847,690	0.92	31,802	
Little Long Lac	22	1,780,516	605,499	0.34	52,750	
MacLeod-Cockshutt	31	10,337,229	1,475,728	0.14	101,388	
Magnet Consolidated 13		359,912	152,089	0.42	16,879	
Maloney Sturgeon	1	1	73	73	16	
Maylac	2	1,518	792	0.52	46	
Mosher-Long Lac	5	2,710,657	330,265	0.12	34,604	
Northern Empire	9	425,866	149,493	0.35	19,803	
Orphan (Dik-Dik)	2	3,525	2,460	0.70	1,558	
Sand River 6		157,870	50,065	0.32	3,628	
Sturgeon River 7		141,123	73,438	0.51	5,922	
Talmora-Long Lac	2	6,634	1,417	0.21	36	
Tashota-Nipigon	12	51,200	12,356	0.24	14,527	
Theresa	6	26,120	4,785	0.18	202	
Tombill	6	190,622	69,120	0.36	8,595	

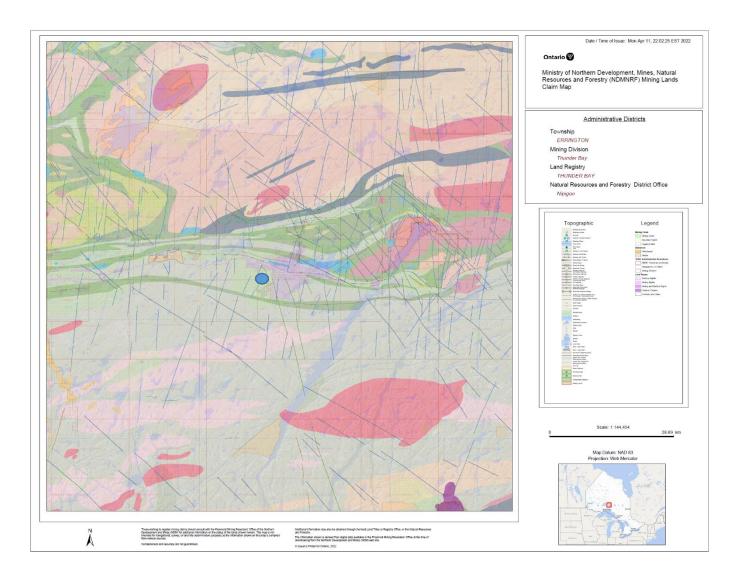
6.2 Property Geology

The supracrustal rocks underlying the WG/ERRINGTON Property are characteristic of the southfacing northern volcanic sub-belt (Figure 4). This part of the sub-belt is dominated by clastic metasediments with underlying iron-rich tholeiitic basalts and hyabyssal gabbro sub-volcanic equivalents to the north. There are inter-formational chemical metasedimentary horizons (banded iron formation and cherty exhalative) within the clastic metasediments and mafic metavolcanics. Due to the lack of outcrop, it is difficult to ascertain the dominance of clastic metasediments and mafic metavolcanics. Clastic metasediments are generally thickly bedded to finely laminated greywacke with arkose and argillite with banded iron formation (BIF). A reworked fragmental unit has been identified from Prodigy Gold Inc drilling and generally lies at the contact between the clastic metasediments to the south and mafic metavolcanics to the north. Clastic metasediments also occur as inter-formational units within the mafic metavolcanics. Although the oxide facies BIF are dominant, lean silicate, carbonate, and sulphide facies iron formation occur. Basaltic rocks are generally extrusive in nature forming massive flows, with local pillows and amygdaloidal features. Mix of clastic and chemical metasediments and volcaniclastics occur as thin inter-formational horizons. There are quartz (QP) to quartz-feldspar porphyry (QFP) sill and dyke-like bodies, but the extent is not truly known. The rocks underlying the property have undergone regional lower greenschist metamorphism.

The WG/ERRINGTON/Errington Property is situated south of the Portage Shear, which trends in an east-west direction for approximately 30 km. The Little Long Lac Mine (920,745 tons milled @ 0.34 opt Au for 605,499 oz of gold) is located on the intersection of the Portage Shear and the Little Long Lac Fault. Pye (1951) has described the Portage Shear as a strong zone of shear within brecciated mafic metavolcanics and clastic and chemical metasediments that is over 152 meters (500 ft) wide that has been traced over a strike length of 1829 meters (6000 ft). These structural features have been recognized on the WG/ERRINGTON Property in the mafic metavolcanics, clastic/chemical metasediments, and QP/QFP bodies.

Figure 4: Local Geology

(Claim 🔵 Location)



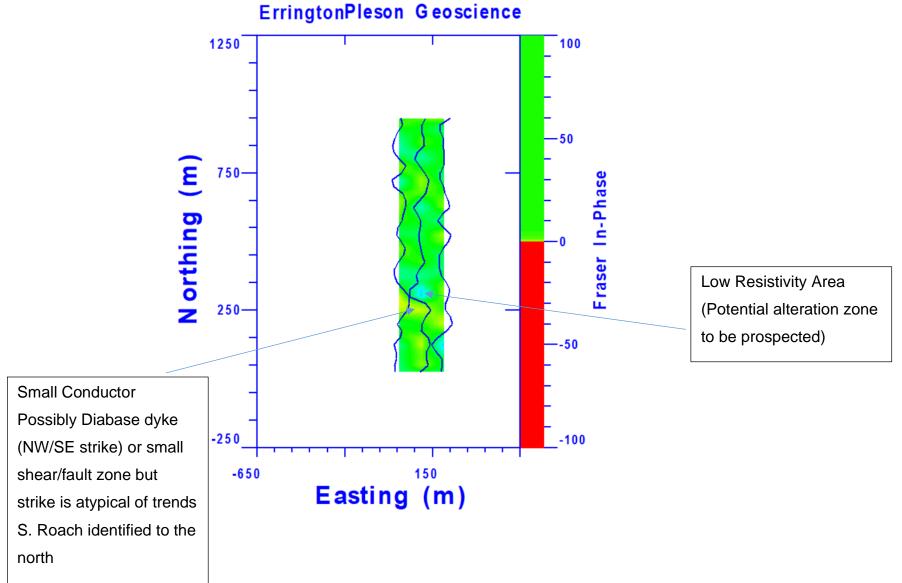
7.0 EXPLORATION WORK

The claim holders spent 3 day surveying 3 lines on the project, including flagging trails and establishing the a base line that we could skidoo down from a small creek that runs to the claim boundary on the north end of the block. The area has been recently logged and the road was plowed by Greenstone Gold but there is also restricted access in place and a security guard on duty. This provided excellent access to the claim in the east but we chose to skidoo in off the highway. No exploration permit was required for the survey. We used a Geonics EM16 VLF handheld unit (serial# 3353) using Cutler, Maine, U.S.A @ 24.0 kHz. Flagged line spacing was 100m and stations were every 25m on the line. The survey was strategically designed to maximize the perpendicularity of the instrument to the predicted axis of unconformity. A total of 3000m were surveyed and flagged. A detailed data review and map of the line data is listed in Appendix D and final map in Figure 5.

Figure 5: VLF Survey Grid



Figure 6: VLF Final Map Overview



8.0 EXPLORATION RESULTS AND RECOMMENDATIONS

The VLF survey performed has identified one small conductor in the southern portion of the survey area which warrants further work. Overall, the author recommends the following actions be taken to advance the project:

- Apply for exploration permit(s) for follow up work
- Prospect for outcrops near or along strike of the identified conductors
- Extend the VLF surveys along trend towards conductors identified in the current survey to the east and west
- Soil sampling (SGH or MMI) as outcrop is very minimal in this area based on historic work

9.0 **REFERENCES**

Roach, S., 2011, 2009 Drilling Report, Kodiak Exploration Ltd., Assessment File# 20000007678

10.0 CERTIFICATE OF AUTHOR

I, Alexander Pleson, P.Geo., as an author of this report regarding the exploration project in the Thunder Bay Mining District, Northwestern Ontario, Canada; do hereby certify that:

- 1. I am a consulting geologist at Pleson Geoscience of Nipigon, ON, CA POT 2JO
- 2. I have B.Sc. degree in Geology from Lakehead University.
- 3. I am registered as a Professional Geologist in Ontario (License #: 2867).
- 4. I have been practicing as a professional since 2017 and have 13 years of experience in mineral exploration.
- 5. The exploration work was carried out under my supervision and I was on site through the duration of the project.
- 6. I retain 50% ownership in the project, and 100% ownership in the claim regarding this work report

Dated: April 9th 2022

Signed and Sealed:



APPENDIX A

LIST OF PERSONNEL WORKED ON EXPLORATION WORK

List of Personnel / Contractors Involved on the Project

- 1. Alexander Pleson, P.Geo., Geologist of Nipigon, ON (Claim Holder)
- 2. Brad Evans, VLF Technician Beardmore, ON

APPENDIX B

STATEMENT OF EXPENDITURES

APPENDIX C

VLF Data

LO			L 1+00E			L 2+00E					
Station	Direction	Dip	Quadrature	Station	Direction	Dip	Quadrature	Station	Direction	Dip	Quadrature
	Ν	4	6	0		7	-3		Ν	7	
25		-5	12	25		-23	-9	25		6	
50		-5	10	50		-17	-15	50		0	
75		-15	14	75		-5	-16			0	
100		-18	14	100		-4	-13	100		0	
125		-17	16	125		3	-14	125		-9	
150		-33	12	150		13	-13	150		-30	
175		-30	10	175		26	-22	175		-35	7
200		-19	16	200		20	-12	200		-33	
225		-34	9	225		20	-12	225		-18	
250		-25	14	250		28	-8	250		-8	
275		-16	20	275		32	-10	275		-10	
300		-5	16	300		60	-6	300		-6	
325		11	19	325		20	4	325		-2	
350		13	12	350		15	-12	350		10	
375		11	10	375		12	-8	375		11	13
400		3	4	400		5	-5	400		11	11
425		-3	2	425		-5	-7	425		2	
450		-6	2	450		11	10	450		2	
475		-1	2	475		3	4	475		-9	
500		9	-5	500		6	8	500		-5	
525		10	0	525		3	4	525		-5	
550		5	-8	550		-3	2	550	N	15	
575		1	-6	575		-1	2	575		10	
600		7	-9	600		-6	2	600		2	
625		9	-11	625		-1	2	625		-4	
650		17	-11	650		-25	5	650		10	
675		25	-10	675		-22	8	675		16	
700		30	-4	700		-15	10	700		12	
725		25	-6	725		-14	12	725		20	
750		2	-15	750		4	17	750		10	
775		15	-20	775		0	14	775		5	
800		21	-13	800		5	12	800		8	
825		26	-12	825		-10	9	825	N	7	
850		10	-10	850		-16	8	850		10	
875		9	-11	875		-8	7	875		8	
900		-5	4	900		-5	10	900		7	
925		0	0	925		-7	10	925		10	
950		-4	-6	950		-7	10	950		-12	
975		15	4	975		-2	9	975		15	
1000	N	-15	-2	1000	N	8	15	1000	N	16	-12

APPENDIX D

Instrument Specifications

And Method

EM16/16R Specifications

MEASURED QUANTITIES	EM16: In-phase and Quadrature components of the secondary VLF field, as percentages of the primary field EM16R: Apparent resistivity in ohm-metres, and phase angle between Ex and Hy
PRIMARY FIELD SOURCE	VLF broadcast stations
SENSOR	EM16: Ferrite-core coil EM16: Stainless-steel electrodes, separated by 10 m; sensor impedance is 100 $M\Omega$ in parallel with 0.5 pf
OPERATING FREQUENCY	15 to 28 kHz, depending on VLF broadcasting station
MEASUREMENT RANGES	EM16: In-phase: ± 150 %: Quadrature: ± 40 % EM16R: 300, 3000, 30000 Ω -m, Phase: 0-90°
POWER SOURCE	EM16 or EM16/16R: 9 V battery
OPERATING TEMPERATURE	-30° C to +50° C
DIMENSIONS	EM16 or EM16/16R: 53 x 30 x 22 cm
WEIGHT	EM16: Instrument: 1.8 kg; Shipping: 6.2 kg EM16R: Instrument: 1.5 kg; Shipping: 6 kg

The primary objectives of the survey were to map and characterize geological features that predominantly control the mineralized zones. The VLF survey data was compiled to measure the primary and secondary EM fields which subsequently could be interpreted to show apparent conductivity variations in bedrock geology to delineate well-mineralized structural features. The VLF transmitter located at Cutler, Maine (NAA) operating at a frequency of 24.0 kHz provided the primary electromagnetic field. This report describes the survey results and discusses data interpretation.

The EM field radiated from a VLF transmitter station over a uniform or horizontally layered earth model consists of a Vertical Electrical field component (Ey) and a Horizontal Magnetic field component (Hx), each perpendicular to the direction of the propagation. Herein, that part of the vertical field which is in-phase with the horizontal magnetic field is called the In-phase (Real Component); that part which is out of phase with the horizontal magnetic field is called the out-of-phase (quadrature Component). They are normally expressed as Tilt (Dip) Angle and Ellipticity respectively and measured as percentage (%). Processing of the VLF data included:

- Polarity reversal of alternating quadrature-phase measurements based on traverse direction.
- Correction/Removal of erroneous data points.
- Grid leveling for filtering line-by-line variations.

The in-phase component of the VLF responses was processed and interpreted with a Fraser Gradients and Karous-Hjelt (K-H) filtering approaches. The results reveal the locations of high VLF responses, which may indicate that VLF anomalies are due to conductive zones located along the profiles.

The qualitative analysis of the data along VLF traverses was carried out using Fraser Gradient method and Karous-Hjelt current density procedure developed by Karous and Hjelt (1983). The plot of filtered in-phase VLF data in terms of distance shows positive Fraser and Karous-Hjelt anomalies along the profiles, which is an indication of the probable conductive zones along each of the profiles. Geosoft Oasis montaj and a freely available KHFFILT tool (Pirttijärvi, 2004) were used to perform Karous-Hjelt and Fraser filtering on VLF data. In the following sections, these methods are briefly discussed, and the in-phase component of VLF data (for all the profiles) is interpreted and presented in gridded format.

Fraser Gradient Filter

Fraser Filtering, which was suggested by Fraser (1969), is a simple filtering technique that transforms crossovers into peaks, removes regional gradients and intensifies anomalies from near surface. In this report the Fraser filter has been applied to the in-phase (real) component of the VLF data. The Fraser filter shifts the data by 90 degrees and transforms the anomaly such that those parts with the maximum slope appear with the maximum positive/negative amplitude.