NI 43-101 TECHNICAL REPORT

on the

Magusi West Property
Hébécourt Township, Abitibi-Ouest
Québec, Canada

Prepared for:

EagleOne Metals Corp.

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November 27, 2023

DATE AND SIGNATURE PAGE

This report titled "NI 43-101 Technical Report on the Magusi West Property, Hébécourt Township, Abitibi-Ouest, Québec, Canada and dated November 27, 2023 was prepared and signed by the following author (the "Author"):

Dated at Thunder Bay, Ontario
November 27, 2023

"Allan MacTavish"

Allan MacTavish, M.Sc., P. Geo.
Consulting Geologist
777 Red River Road, Lower Level
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1.0 SUMMARY

The Author was retained by EagleOne Metals Corp. (“EagleOne” or the “Company”) to prepare an independent Technical Report on the Magusi West Property (the “Property”), located in Hébécourt Township, Abitibi-Ouest Region, Québec. This report will provide a summary of the technical information available on the Property in order to fulfill the Standards of Disclosure for Mineral Projects according to Canadian National Instrument 43-101 (“NI 43-101”) and to support an Initial Public Offering (IPO) and listing of the Company’s shares on the Canadian Securities Exchange (CSE).

The Property consists of a contiguous group of eleven (11) mineral claims, totalling 563.35 hectares, comprising the Loney Group within southern Hébécourt Township, Québec. The Property can be accessed in several ways using public highways, access roads, and logging roads depending upon whether the start point is in the Province of Ontario or within the Province of Québec. The most direct access is travelling east on Highway 101 from Timmins, ON to the Québec provincial border where the highway designation changes to 388 and then further east to Chemin de la Mine (Mine Road) which heads south and eventually passes through the northeastern corner of the Property. The least direct route consists of travelling north from Rouyn-Noranda, QC along Quebec Highway 101 to Chemin Jason and turning northwest to follow a series of logging and other access roads that eventually become Chemin de la Mine, which leads northwest into the Property. The bulk of the Property is accessed from Chemin de la Mine via several logging roads of various vintages located north and south of the Magusi River, which transects the Property from southeast to northwest.

The Property was acquired by EagleOne through a Mineral Property Option from Kyle Loney of Toronto, ON. The Company can earn 100% interest in the eleven (11) Loney claims by making three (3) cash payments totalling C$170,000 over 3 years (C$25,000 upon execution of the agreement); incurring at least C$350,000 in exploration expenditures over 3 years (C$50,000 by the end of September 2023); and issuing 550,000 common shares over 3 years (100,000 upon execution of the agreement).

The Property is underlain by the neo-Archaean-age felsic to intermediate and mafic metavolcanic rocks of the Blake River Group (BRG), and associated metasedimentary rocks, within the Abitibi Greenstone Belt (AGB) of the Wawa Abitibi Terrane of the Superior Province of the Canadian Precambrian Shield (the world’s largest Archean craton). These rocks are locally intruded by younger granitoid and gabbroic rocks, some of which are subvolcanic. The Abitibi Greenstone Belt is the largest greenstone belt in the world and is host to many world-class, often giant, VHMS (volcanic-hosted massive sulphide), Au-rich VHMS, orogenic Au, magmatic-hydrothermal (intrusion related) Au, Au and Au-Cu porphyry, and orthomagmatic (Ni-Cu-PGE) sulphide mineral deposits.

The Blake River Group is the youngest and richest volcanic sequence within the AGB and directly underlies the Property. The BRG consists of a 4 to 7 km thick succession of submarine, basaltic to rhyolitic, tholeiitic to calc-alkaline volcanic and volcaniclastic rocks with several felsic volcanic centres intruded by a variety of plutons and mafic to intermediate dykes and sills. The BRG in Ontario is subdivided into a lower unit (2704-2699 Ma) and an upper unit (2699-2695 Ma)

which are known in Québec as the Misena and Noranda units, respectively. The BRG is further subdivided within Québec into the Reneault-Dufresnoy, Rouyn-Pelletier, Duprat-Montbray, Hébécourt (Lower Blake River), Horne, Camac, Dupuis, Bousquet and Noranda Formations. The BRG is bound to the north by the Porcupine-Destor Fault system (PDF) and to the south by the Larder Lake-Cadillac fault system (LLCF). These two fault systems, and their associated subsidiary fault systems and splays, act as foci for a large amount of late Au mineralization. Metamorphic grade within most of the BRG is lower greenschist to sub-greenschist facies.

The BRG hosts many VHMS occurrences, prospects, and as many as 33 deposits. Some of these deposits are world-class, such as the giant Quemont and the Au-rich Horne deposits within the Noranda district and the Au-rich Laronde Penna Deposit within the Doyon-Bousquet-LaRonde district. Five deposits are recognised as some of the largest Au-rich VHMS deposits in the world. The Lower BRG (Hébécourt Formation) hosts the Horne and Quemont deposits and the upper BRG hosts the bulk of the deposits in the Noranda and Doyon-Bousquet-LaRonde districts. The implies that there were several stages of VHMS deposit formation within the BRG.

The BRG, and its margins, is host at least 39 producing and past producing Au mines and hundreds of unmined deposits, prospects, and occurrences. Of the mines at least 19 are Au-rich or Au-bearing VHMS deposits including the Horne, Quemont, and Bousquet 1 and 2 mines.

The Magusi West Property is underlain by rocks of the Lower Unit of the BRG's Misena sub-group and roughly straddles the Baie Fabie Fault/Shear Zone (BFSZ) which forms the boundary between altered volcanic rocks to the north and less altered to unaltered volcanic rocks to the south. North of the BFSZ the rocks are part of the Reneault-Dufresnoy Formation (RDF) which is a south-younging homoclinal sequence centred on Lac Monsabrais (3.2 km northeast of the Property). The RDF consists of mafic to intermediate, massive to pillowed submarine flows and volcaniclastic rocks, crosscut by probably hypabyssal diorite, gabbro, and the multiphase, synvolcanic, tonalitic to quartz dioritic Monsabrais Pluton. The pluton is located 1.9 km north of the Property and would provide a good heat source for VHMS-related fluids and potentially VHMS mineralization. There are no known rhyolitic rocks within the RDF.

South of the BFSZ the rocks comprise the less altered, mafic to intermediate, sometimes felsic, massive to pillowed volcanic rocks of the Duprat-Montbray Formation (DMF). The DMF contains some locally occurring, relatively restricted rhyolitic units (unknown whether they are flows or pyroclastic units). Some of the rhyolites occur as inclusions within, or adjacent to, the large, possibly subvolcanic, dioritic body underlying the southeastern portion of the Property.

The Baie Fabie Fault Zone passes through the approximate centre of the Property. The closely associated Alembert Fault (AFZ) is located about 500 m (1640 ft) southeast of the Property. The arcuate trace of the AFZ and associated BFSZ suggests that they may form segments of the Misema Inner Ring Fault of the Blake River megacaldera proposed by Pearson and Daigneault (2009) to comprise much of the BRG. This subvolcanic ring fault could have acted as a pathway for the VHMS fluids that formed the Fabie Bay and Magusi River deposits located 4 and 7 km east of the Property, respectively. Late reactivation of both fault zones during the late Au mineralization event could have provided good pathways for Au-rich fluids and the numerous subsidiary faults and splays could have provided good deposition sites for Au mineralization.

There are two drill-defined VHMS deposits near to, and along-strike from, the Property. The ***Magusi River Cu-Zn-Ag-Au Deposit*** is located ~5.5 km east of the Property and consists of a complex, 15 to 35 m thick, 520 m long, roughly east-west-striking, south-dipping, massive sulphide body. All of the known, ***non-NI 43-101-compliant resources*** for the deposit occur within the western 300 m of the deposit and comprise 1,860,000 tons indicated at 5.5% Zn, 1.6g/t Au and 4,000,000 tons inferred at 1.28% Cu, 3.06% Zn. The past-producing ***Fabie Bay Cu-Au Mine*** is located about 7 km east of the Property and was partially-mined by Noranda Mining between 1975 and 1976 and by First Metals in 2007 and 2008. The deposit comprises a ***non-NI 43-101-compliant resource*** of 0.46 Mt at 2.53% Cu, 0.02 g/t Au, and 1.23 g/t Ag and consists of a conformable massive sulphide lens striking east-northeast for ~90 m and extending down-dip to the south for 180 m.

There are 4 mineral occurrences with VHMS affinity within 4 km of the Property.

- The ***TA-89-01 Occurrence*** is located about 550m east of the Property and consists of Ag-Pb-Zn veins within altered, fragmental to massive to locally sheared andesite (possibly mafic) flows and pyroclastic rocks. This is not an orogenic Au-related occurrence (it contains no Au), but may actually be VHMS stringer zone-related. Drill hole TA-89-01, drilled in 1989, intersected 6.50 g/t Ag/1.8 m (5.9 ft). The BFSZ is associated with, and may have crosscut or deformed this mineralization.
- The ***Lac Monsabrais-SO Occurrence***, located 2.25km north-northeast of the Property, consists of two, probably VHMS-related, mineralization types. The first, with only low-grade Cu values, consists of narrow, chalcopyrite-bearing quartz veins within narrow shears crosscutting the Monsabrais Granite. The second consists of chalcopyrite-pyrite-pyrrhotite within strongly chloritized breccia zones within intermediate metavolcanic flows near the nose of a fold that contained up to 7.3 % Cu and 78.9 g/t Ag.
- ***The Lac Monsabrais-OSO Occurrence*** is located 1.90 km north-northeast of the Property and 820m west of the Lac Monsabrais SO Occurrence. Mineralization occurs as two, 610 m-separated zones consisting of narrow, 040^{o}-striking chalcopyrite-pyrite-pyrrhotite-bearing quartz veins within shears crosscutting the Monsabrais Granite. This mineralization is similar to that observed at the Lac Monsabrais SO Occurrence.
- ***The Magusi River-SO Occurrence***, located 4km east of the Property, consists of two closely-spaced, mineralized alteration zones within weakly altered intermediate metavolcanic tuffs. Drill core sampling obtained up 0.93% Cu, 0.83% Zn, and 11.5 g/t Ag/0.49 over a variety of widths.

The only Au deposit known to be located near the Property occurs just outside of, and is possibly marginal to, the Blake River Group. This is the past-producing ***Beattie Au Mine***, located near the town of Duparquet 16.8 km to the northeast of the Property. The mine was active between 1933 and 1956, occurs near the north margin of the PDF within a syenite body intruding the Duparquet Formation, northern Timiskaming Group. An NI 43-101-compliant resource estimate of the Beattie Mine (First Mining Gold Corp.) reports 60.9 Mt, measured and indicated at 1.59 g/t Au, and 29.7 Mt inferred at 1.51g/t for 3.1 million contained ounces (Moz), Measured and Indicated, and 1.4 Moz Inferred.

There are 3 mineral occurrences with Orogenic Au affinity within 4 km of the Property:

- ***The Hébécourt-SO Occurrence*** was discovered in 1935 about 375 m west of the Property. It is associated with a distinct, up to 6.1m wide, silicified and carbonatized mineralized shear zone containing trace to 5% finely disseminated pyrite, pyrrhotite, and trace chalcopyrite that crosscuts diorite. It hosts an east-west-striking, 35^{o} south-dipping, 30 to 90 cm wide, 120m long quartz vein containing coarse visible Au grains. This zone strikes directly towards, and possibly into, the Property, is located 450 m north of the BFSZ, and may be a splay from the BFSZ.
- ***The Lac Fabie Nord Occurrence***, located 3.5 km southeast of the Property, was discovered in 1986 and consists of fine quartz stringers and finely disseminate pyrite within a felsic feldspar porphyry. Prospecting samples graded 1.03 to 2.09 g/t Au; channel sampling contained 1.2 g/t Au/0.9m and 1.4 g/t/1.0 m; and diamond drilling intersected up to 3.00 g/t Au.
- ***The Lac Fabie Nord West Occurrence*** is located about 200 m west of the Fabie Nord Occurrence and was discovered in 2017. This new occurrence consists of a felsic porphyry crosscut by some altered, 080^{o}-striking fracture zones containing hematized quartz veinlets, disseminated pyrite, and between 0.13 and 2.40 g/t Au.

There are only 13 occurrences of orthomagmatic sulphide mineralization within the BRG, one of which occurs as an unmined, semi-massive to disseminated orthomagmatic sulphide lens within a synvolcanic mafic intrusion located adjacent to the primary massive sulphide deposit of the past-producing Newbec VHMS Mine.

The only orthomagmatic sulphide occurrence located near the Property is the ***Lac Despré Zone A***, located 3.8 km to the southwest. This occurrence was discovered in 1957 and consists of a ~040^{o}-striking gabbroic body crosscutting felsic (dacitic?) metavolcanic flows. Mineralization consists of a contact-related, up to 1 m thick deposit of variably disseminated pyrite, pyrrhotite, and trace chalcopyrite directly adjacent to the northwestern contact with the enclosing volcanic rocks. Surface sampling and diamond drilling encountered low-grade values of up to 0.66% Cu and 0.50% Ni.

Mineral exploration probably began in the vicinity of the Magusi West Property after the First World War, but the first documented work was gold (Au) exploration in 1935. Since that time there has been considerable exploration completed in the search for orogenic-style Au, VHMS-style base metals (mainly Cu and Zn), and some orthomagmatic Ni-Cu sulphides. Work completed consists of: prospecting; geological mapping: trenching and pitting; a variety of airborne and ground geophysics, generally consisting of magnetometer and VLF-EM surveys, but sometimes including horizontal or vertical loop EM; soil and humus geochemical surveys; and diamond drilling.

Gold was first discovered and mined near the Porcupine Destor (PDF) and the Larder Lake-Cadillac (LLCF) fault zones in the early 1900’s. The first VHMS deposits were discovered in the Noranda Mining Camp in the early to mid-1920’s (the Horne Deposit was discovered in 1920), but exploration began earlier. Exploration spread outward from those first discoveries until the beginning of World War II when there was a hiatus. Exploration recommenced in the late 1940’s and increased during the 1950’ and 1960’s to the point that between 1970 and 1992 the pace was frenetic. During the latter period, trying to sort out the connections between the various properties and companies was often difficult. The pace of exploration has slowed considerably since the early the early 1990's, however, activity still continues at a slow pace.

During the summer and fall of 2023, RJ Reukl Geological Services completed a limited exploration program on the Magusi West Property. This program consisted limited geological examinations, linecutting, B-horizon soil sampling, and a UAV-borne (drone) aeromagnetic survey.

The reconnaissance grid cut on the property consisted of 4 north-south oriented lines spaced at 600 m intervals with one tie-line located north and another tie line located south of the river.

The geological examinations consisted of walking all of the gridlines cut earlier in the summer and examining the exposed outcrops. No outcrops were observed north of the Magusi River; however, several large composite outcrop areas, tending to form hills and ridges, were present south of the river. Most of the outcrop areas were composed of diorite, locally crosscut by diabase dykes. The exceptions are 3 small outcrops exposed at the bottom of a large gravel pit. These small, flat, low-relief outcrops were composed of variably altered, foliated (sheared?), locally pyritic, felsic pyroclastic or volcaniclastic rocks. These 3 outcrops are considered interesting due to their deformed, altered and locally pyritic nature and deserve follow-up.

A 301 sample B-horizon soil survey, including 7 blanks and 8 sample duplicates inserted every 20 samples, was completed south of the Magusi River during July and August 2023 by RJ Reukl Geological Services. Samples were nominally taken at 25 m intervals, where soil depth and other ground conditions allowed, along cut gridlines and GPS flagged lines. The UTM (NAD 83, Z17U) locations of all samples were taken by handheld GPS. No samples were taken from bogs, swamps, marshes, roads, trails, or shallow overburden overlying outcrop. The samples were analyzed for Au, Cu, Zn, and Ag by ALS Canada Limited at their North Vancouver, BC laboratory after sample preparation was completed at the ALS Prep Lab in Thunder Bay, On.

To better interpret the soil survey results response ratios (RR) were determined for the survey dataset. This simple technique can be easily and quickly used for surveys where colour-contoured plots of kriged data are not readily available. A close examination of the response ratios, shows several anomalous Au clusters and one slightly anomalous Cu cluster with all but 2 of those anomalous samples within the southern and southeastern 30% of the Property. The 19 anomalous Au samples have response ratios between 6 and 62 and the 2 slightly anomalous Cu samples have response ratios of 5. Most of the anomalous samples were taken in proximity to intermediate, possibly subvolcanic intrusions, adjacent to the regional Baie Fabie Fault Zone. Many of the samples occur downslope and/or down-ice from exposed outcrop. Four samples (3 with anomalous Au and 2 with anomalous Cu) were taken along strike from several outcrops of deformed, altered, and rusty felsic to intermediate metavolcanic rocks exposed within a gravel pit located a short distance to the west.

Abitibi Geophysics flew a high-resolution, AeroVision® UAV (drone) airborne magnetic survey over the Property on September 9, 2023. The survey consisted of 24 north-south-oriented lines (L0+00E to L 23+00E), at a nominal ground clearance of 34 m, and a flight line spacing of 100 m for a total of 68 line-km flown.

Total magnetic intensity (TMI) and reduction-to-pole (RTP) maps were generated from the survey data to further enhance and characterize the magnetic features detected during the survey. Calculations were then made using the RTP data to prepare residual anomaly and first vertical derivative (1VD) maps. These enhancements were used to understand the distribution of magnetic amplitudes, emphasize subtle near-surface geological features, and to help track the tectonic features affecting the underlying rocks. Eight complex magnetic anomalies (HT-01 to HT-08) were defined highlighting the dominant magnetic features within the Property. Any magnetic differentiation between the RDF and the DMF of the Blake River Group was not obvious; however, the BFSZ, which is the contact between the two geological formations, is readily visible in the magnetic data.

Abitibi then took the RTP-total magnetic field data and completed an automatic predictive method known as CET grid analysis. This technique is specifically designed for Archean orogenic gold mineralization and was applied here to rapidly locate regions of significant structural complexity as a proxy for both fluid pathways and structural traps, which are likely to be genetically related to ore formation. This method does not require knowledge of the location of existing deposits, which is the case for other techniques such as machine learning (neural network). The CET Grid Analysis was plotted on a contact occurrence density (COD) heat map that outlined several zones of high structural complexity. These zones appear intensely disrupted by northwest-trending faults or shears. Two main targets were identified north of the BFSZ and 4 closely-spaced targets were identified south of the BFSZ.

Abitibi then completed an unconstrained 3D magnetic inversion on the residual magnetic data using Seequent's VOXI MAG3D software. The core volume of the inversion (2.35 km east, 2.85 km north, 1.06 km depth) defined the volume of interest for the Survey. The horizontal cell size within the core and data volumes was set to 25 x 25 m x 12.5 m downward (depth). This initial block model allowed investigation to a depth of approximately 1.0 km. After set-up two numerical inversions were calculated to optimize the magnetic susceptibility contrast of the model elements such that the predicted response fit the residual data. At first, the VOXI MAG3D inversion generates a smooth solution. Subsequently, an Iterative Reweighting Inversion Focusing (IRIF) takes the obtained smooth model and uses it as a reweighting constraint. It is then used to model sharper contacts in the inversion result, providing more refined targets.

The final inversion was presented as a 3D voxel and as iso-surfaces of the magnetic susceptibility. The highest magnetic susceptibility was calculated on magnetic anomaly HT-04. This distinct magnetic feature, along with anomaly HT-05, probably carry remanent magnetization. To better understand the subsurface magnetic susceptibility, vertical sections were extracted using historic drillholes as constraining factors. The sections show that drillholes TA-90-02, TA-90-03 and 933-81-1 intercepted moderately magnetic zones, while hole DH 933-81-2 narrowly missed the magnetic susceptibility shell. DH 76-1 appears to have been drilled in a non-magnetic zone composed of felsic metavolcanic rocks, while DH TA-90-04, drilled to the west of the survey, appears to pass through a weakly magnetic unit composed of intercalated porphyritic andesite and intermediate tuffs crosscut by a mafic dyke.

A simplified structural map was then generated from the 3D magnetic inversion using a horizontal slice of magnetic susceptibility extracted from the inversion at an elevation of 200 m.

Abitibi summarized that the magnetic data described above provided: a 3D magnetic susceptibility model providing information on the subsurface architecture of the magnetic sources within the Property; a mineral prospectivity heat map where at least 4 target zones perceived as potential targets for hosting gold and VHMS deposits were identified; and a detailed structural map showing the distribution of the magnetic susceptibility, including the outlines of some known and unknown faults and shears.

1.1 Recommendations

In this qualified person's opinion, the Magusi West Property has potential for the discovery of gold, zinc, copper, and silver. The Property character, highlighted by historic research and the limited 2023 preliminary exploration program, is sufficient to merit a Phase 1 work program. Subsequent exploration phases will be contingent upon the results of the program recommended below:

1. Surface stripping/power washing of the exposed outcrops within the gravel pit located at UTM 614178E, 5365783N (NAD83, Z17U). This work should commence once snow has melted in the spring to take advantage of high water from snow melt in the nearby streams. After the stripping is completed then following work should include:
    a. Detailed geological mapping of the stripped area(s) at a scale of either 1:200 or if a complex package of rocks is exposed and detail is required then mapping at a scale of 1:100; and
    b. Channel sampling of exposed rocks once mapping is complete.
2. The cutting of 15 km of infill lines on the existing 2023 grid.
3. Soil sampling, at 25 m intervals, along the new gridlines, particularly as infill in those areas of the 2023 survey where anomalous analyses were obtained.
4. Geological Mapping at a scale of 1:5000 that should include;
    a. Whole rock sampling of exposed outcrops to detect lithogeochemical indicators indicative of the fluids responsible for VHMS mineralization, such a Na_2O-depletion, or MgO or FeO enrichment; and
    b. Prospecting of known outcrop areas.
5. Summary Report.

Prospecting, 1:5000 scale geological mapping, and soil sampling cannot commence until the linecutting program is complete. Linecutting should not commence until the spring runoff is complete to allow better access in areas of low relief or alongside streams and rivers.

The total estimated cost of the work recommended above is $102,000 and the field program is estimated to take at least 4 weeks.

2.0 INTRODUCTION

2.1 Purpose of the Report

Allan MacTavish, M.Sc., P.Geo. (the "Author") was retained by EagleOne Metals Corp. ("EagleOne" or the "Company") to prepare an independent Technical Report on the Magusi West Property (the "Property"), located in Hébécourt Township, Abitibi-Ouest Region, Québec. This report will provide a summary of the technical information available on the Property in order to fulfill the Standards of Disclosure for Mineral Projects according to Canadian National Instrument 43-101 ("NI 43-101") and to support an Initial Public Offering and listing of the Company's shares on the Canadian Securities Exchange (CSE).

2.2 Sources of Information

The author was retained to write this report in compliance with National Instrument 43-101 of the Canadian Securities Administrators ("NI 43-101") and the guidelines in Form 43-101 F1. In accordance with NI 43-101 guidelines, the author visited the Property on October 6, 2023.

Much of the information within this report is based on publicly available Québec government assessment work reports, geological, geophysical, and geochemical reports, maps and other data available on the Québec Ministère des Ressources naturerelles et des Forêts ("MNRF") SIGÉOM (System d'information géominière) website at https://sigeom.mines.gouv.qc.ca. This includes information from the Geological Survey of Canada, Natural Resources Canada, the Institut national de la recherche scientifique and several predecessors to the present Québec government agencies: Ministère des Mines; Ministère des Richesses naturelles; Ministère des Ressources naturelles; Ministère des l'Energie et des Ressources; and Ministère Ressources naturelles et Faune.

The author has reviewed the land tenure on the Québec Ministère des Ressources naturerelles et des Forêts SIGÉOM website and reserves the right, but will not be obliged to revise the report and conclusions, if additional information becomes known after the date of this report.

3.0 RELIANCE ON OTHER EXPERTS

For the purposes of this report the Author has relied on ownership information provided by EagleOne Metals Corp. as well as claim information available on the Québec Ministère des Ressources naturerelles et des Forêts SIGÉOM website. This information was accessed between April 28 and June 30, 2023 and remained current at the date of report completion (submission). The Author has not researched property title or mineral rights for the property and expresses no opinion as to the ownership status of the property.

4.0 PROPERTY DESCRIPTION AND LOCATION

4.1 Description and Location

The Magusi West Property is located approximately 39 km northwest of the City of Rouyn-Noranda, QC, 18km southwest of the Town of Duparquet, QC, 134 km east of the City of Timmins, ON, and 75 km east-southeast of the Town of Matheson, ON (*see* Figure 2). It is located near the western border of the Province of Québec (*see* Figures 1 and 2), within southwestern Hébécourt Township, Abitibi-Ouest County. It consists of 11 contiguous unpatented Mineral Claims (the Loney Group) covering approximately 563.35 hectares (*see* Figure 3 and Table-1). Also, the claims are located partly within the southwestern portion of Abitibi-Ouest County and partially within the northwestern portion of Rouyn-Noranda County. The approximate centre of the Property is located at UTM Zone 17U, 613980E, 5366226N, in the northwestern quadrant of NTS map sheet 032D/06.

The Property was acquired by EagleOne Metals Corp. via a Mineral Property Option Agreement (the "Agreement") dated February 24, 2023 ("Effective Date") where the Company can earn 100% interest in the Property by making total cash payments of C$170,000, incurring $350,000 in exploration expenditures, and issuing 550,000 common shares, all in accordance with the following schedule:

(a) <u>**Cash Payments**</u>

Make aggregate cash payments of C$170,000 as follows:

1) C$20,000 to Kyle Loney upon execution of the Agreement;
2) An additional C$50,000 by December 31, 2024; and
3) An additional C$100,000 by December 31, 2025.

(b) <u>**Share Issuances**</u>

Issue an aggregate of 550,000 common shares in its capital to the Optionor as follows:

1) 100,000 common shares upon execution of the Agreement;
2) An additional 200,000 common shares by December 31, 2024; and
3) An additional 250,000 common shares by December 31, 2025.

(c) <u>**Exploration Expenditures**</u>

Fund exploration and development work on the Property totalling at least $350,000 as follows:

1) At least C$50,000 by September 30, 2023;
2) At least an additional C$100,000 by September 30, 2024; and
3) At least an additional C$200,000 by December 31, 2025.

(d) <u>**Net Smelter Return (NSR) Royalty**</u>

Upon Commercial Production the Agreement is subject to payment to the Optionor a 2% NSR, 1% of which can be repurchased by EagleOne for a one-time payment of C$1,000,000.

Table 1: Magusi West Property Claims Data

CDC Title Number	Owner	Title Type	Registration Date	Expiry/Due Date	Status	Area (hectares)	Work Due
2613786	Kyle Loney (100%)	Mineral Claim	28Jun21	27Jun24	Active	57.11	$1200
2613787	Kyle Loney (100%)	Mineral Claim	28Jun21	27Jun24	Active	57.11	$500
2613788	Kyle Loney (100%)	Mineral Claim	28Jun21	27Jun24	Active	57.10	$1200
2613789	Kyle Loney (100%)	Mineral Claim	28Jun21	27Jun24	Active	57.10	$1200
2613790	Kyle Loney (100%)	Mineral Claim	28Jun21	27Jun24	Active	57.10	$1200
2613791	Kyle Loney (100%)	Mineral Claim	28Jun21	27Jun24	Active	45.45	$1200
2615580	Kyle Loney (100%)	Mineral Claim	27Jul21	26Jul24	Active	57.12	$500
2615581	Kyle Loney (100%)	Mineral Claim	27Jul21	26Jul24	Active	57.12	$500
2615582	Kyle Loney (100%)	Mineral Claim	27Jul21	26Jul24	Active	15.54	$500
2615583	Kyle Loney (100%)	Mineral Claim	27Jul21	26Jul24	Active	57.11	$1200
2615584	Kyle Loney (100%)	Mineral Claim	27Jul21	26Jul24	Active	45.49	$1200
11	**Claim Total**				**Totals**	**56,335**	**$10,400**

The value of the assessment work completed by EagleOne during 2023 will extend the Expiry/Due Dates in Table 1 (above) at least five years to June 27, 2029 and July 26, 2029.

4.1.1 Québec Mineral Claims Requirements:

The information regarding Québec mineral claims presented below was summarized and modified from an online publication available at www.mondaq.com/canada/mining/88982/a-guide-to-mining-titles-in-quebec-mining-of-metallic-industrial-and-construction-minerals:

- The mineral claims comprising the property were staked as ‘map designated claims’ using the Québec internet-based ‘Public Register of Real and Immovable Mining Rights’. This register has been in use since 2000 and its present incarnation is referred to as GESTIM Plus. The register contains information regarding mining titles and title holders and numerous online maps and tools allowing for the efficient search and management of mining titles.
- The claim is the only title that may currently be issued for exploring for extractable minerals. A claim gives its holder the exclusive right to search for minerals (other than petroleum, natural gas and brine, sand, gravel and other surface substances) on the parcel subject to the claim. A claim may be obtained by two (2) methods:
    - Map designation, in which case it is called a "map designated claim" or a "CDC" (from the French "claim désignée sur carte"), which was the method used to acquire the claims comprising the Property, or

  - Staking on lands designated for such purposes (a physical method), in which case it is called a "staked claim".
- The relatively fast and simple map designation method consists of choosing pre-established, exploration available parcels of land from maps prepared by the Québec Ministry of Natural Resources and Wildlife (in French Ministère Ressources naturelles et Faune). In order to acquire a "CDC", an applicant must complete a notice of designation of claim in a prescribed form, in which it will identify itself and make a selection of claims, and send such notice to the office of the mining registrar or the regional office, together with the payment of prescribed fees.
- If the notice of map designation is accepted, the applicant will be issued a certificate of registration in respect of the selected claims.
- A claim has a term of two years and it may be renewed for additional two (2) year periods upon compliance with the application of the minimum exploration work requirements and payment of renewal fees. A claim may also be abandoned in a prescribed manner.
- The holder of a claim may conduct exploratory work for mineral substances on its parcel (other than for petroleum, natural gas and brine, sand, gravel, and other surfaces substances, as previously stated above). The holder may also extract or dispatch mineral substances, but only for geological or geochemical sampling and in a quantity not in excess of 50 metric tons (tonnes). Similarly, limited and specific deforestation of the parcel of land is permitted without a special permit, but only for line cutting, trenches and excavations upon receiving prior authorization.
- While the holder of the claim is given freedom to manage the exploration work on the claim, it must nonetheless conduct a minimum amount of exploration work in order to keep the claim active. The nature and the minimum cost of such work, as well as various rules in respect of the allocation and timing of such work are prescribed by regulation. Failure to comply with the regulation requirements may result in the loss of the claim.

The Property claims, and the information defining them, were located online by the Author using both the GESTIM Plus and SIGEOM internet-based systems.

4.1.2 Québec Mineral Claims Assessment Work Requirements:

Enough work, or payment in lieu of work, on each claim must be registered on or before the expiry/due date of the claim in order to bring that claim into good standing. Any claim that has not been brought into good standing by the expiry/due date, will be forfeit.

The assessment work requirements per claim per year in the Province of Québec varies according to claim area (in hectares), the number of claim terms (years since the claim was first registered), and whether the claim is located north or south of 52° North Latitude. The claims comprising the Magusi West Property are located south of 52° North Latitude and the assessment due can be calculated from the dollar amounts presented in Table 2 (below). The assessment amount due before the expiry/due dates for the Property is C$10,500. This amount was obtained from the Claim Abstracts available on the SIGÉOM website.

Table 2: Magusi West Property Claims Data

Number of Claim Terms (years)	Area <25 ha	Area 25-45 ha	Area >45 ha
1	$500	$1200	$1800
2	$500	$1200	$1800
3	$500	$1200	$1800
4	$750	$1800	$2700
5	$750	$1800	$2700
6	$750	$1800	$2700
7	$1000	$2500	$3600

4.2 Environmental Concerns

There is no historical production from mineralized zones on the Property, and the author is not aware of any environmental liabilities which have accrued from historic exploration activity.

4.3 First Nations

The mineral claims comprising the Property are situated on Crown Land and fall under the jurisdiction of the Québec Government, as does the duty to consult with any indigenous groups associated with the land underlying the Property. This is defined within the Québec Government online publication "Aboriginal Community Consultation Policy Specific to the Mining Sector" downloaded from the Québec MNRF website at https://mrnf.gouv.qc.ca/wp-content/uploads/PO-consultation-mines_MERN-ANG.pdf. The publication states (taken almost verbatim):

Constitutional duty incumbent upon Québec:

- Although mining proponents are not subject to the obligation to consult and accommodate Aboriginal communities, they may be required to cooperate at certain stages of the process, where their presence is useful for the proper conduct of the consultation, including explaining certain more technical aspects of a mining project. However, the responsibility for consultation and accommodation is incumbent upon Québec.

Beyond the consultations held by Québec

- This Policy emphasizes the proponent's role and the importance of exchanging information through good faith and mutual respect, and of developing and maintaining harmonious relations between the various parties, so that each party can benefit from the maximum positive spinoffs and minimum negative impacts associated with mining activities.
  - This approach is based mainly on non-coercive measures, which aim to strengthen relations between Aboriginal communities and mining developers operating in Québec.
  - The effectiveness of this approach lies in the willingness of all parties to respect the spirit behind it and work together.

This Policy sets out the guidelines for consulting Aboriginal communities about exploration and mining activities. The Role and Responsibility of the Mining Proponent is as follows:

- In order to develop and maintain harmonious relationships with Aboriginal communities, mining proponents are encouraged to interact with them about their project throughout the mining project's development process:
  - Mining proponents are strongly encouraged to approach Aboriginal communities as early as possible in the mining development process, so that they can identify the concerns and

expectations of the affected Aboriginal communities early on and take them into account, where appropriate, in their project development.

- They should commit to establishing and maintaining harmonious relationships with Aboriginal communities, and even strengthening these ties throughout the different phases of their mining projects.
- Mining proponents should base their communication on the transparent exchange of information to foster mutual cooperation.
- Discussions could focus on the various aspects of the mining project, including exploration and development planning, timelines, activity logistics, locations, project progress monitoring, business opportunities for the community concerned, activity impacts and possible mitigation measures.
- Mining proponents are invited to familiarize themselves with the general Aboriginal context in Québec and the realities and particularities of the Aboriginal communities concerned. If necessary, they can contact Québec to obtain information on the communities concerned and their roles and responsibilities with respect to them.

Figure 1: Provincial Location Map.

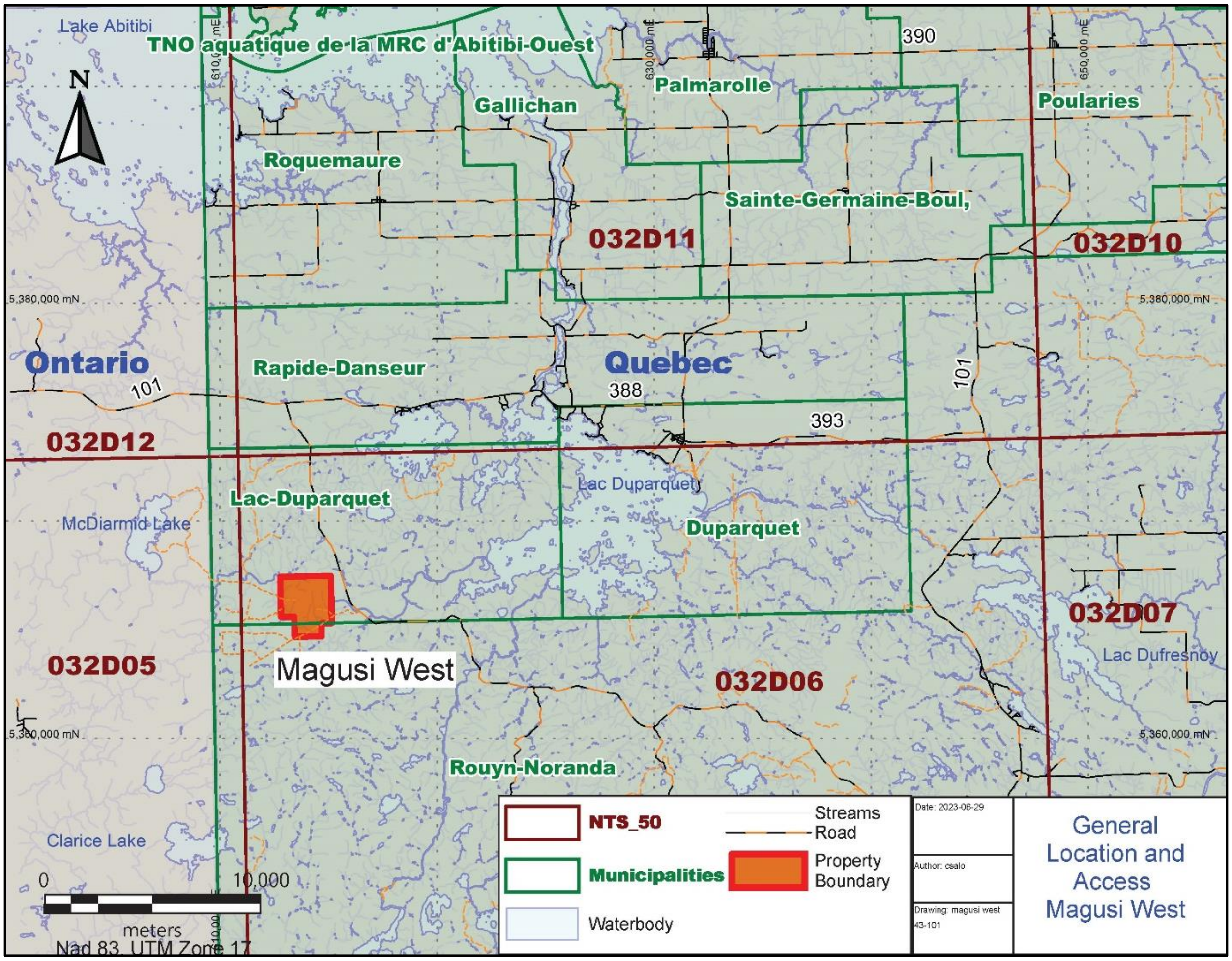

Figure 2: Regional Property Location Map.

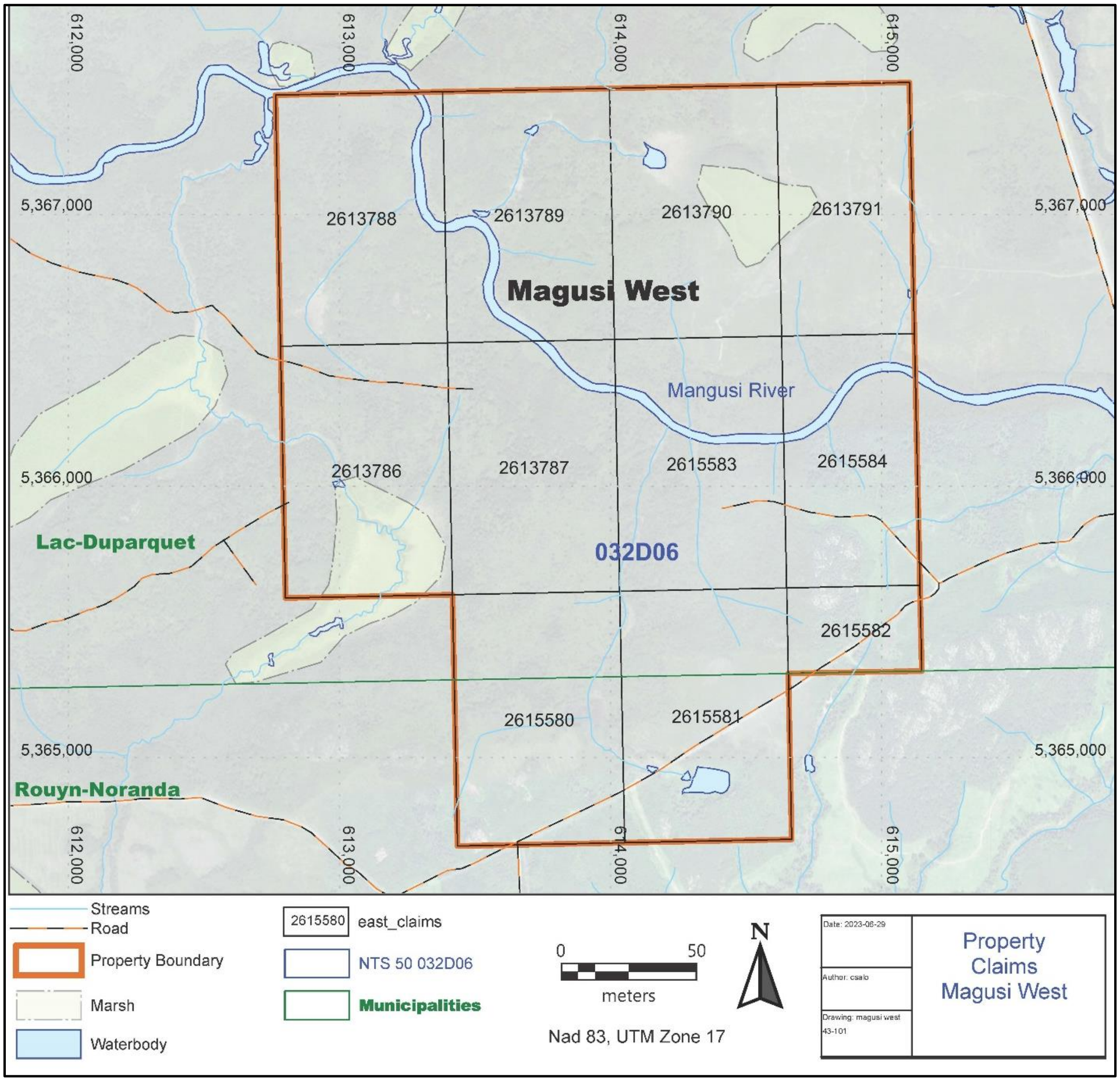

Figure 3: Claim Map.

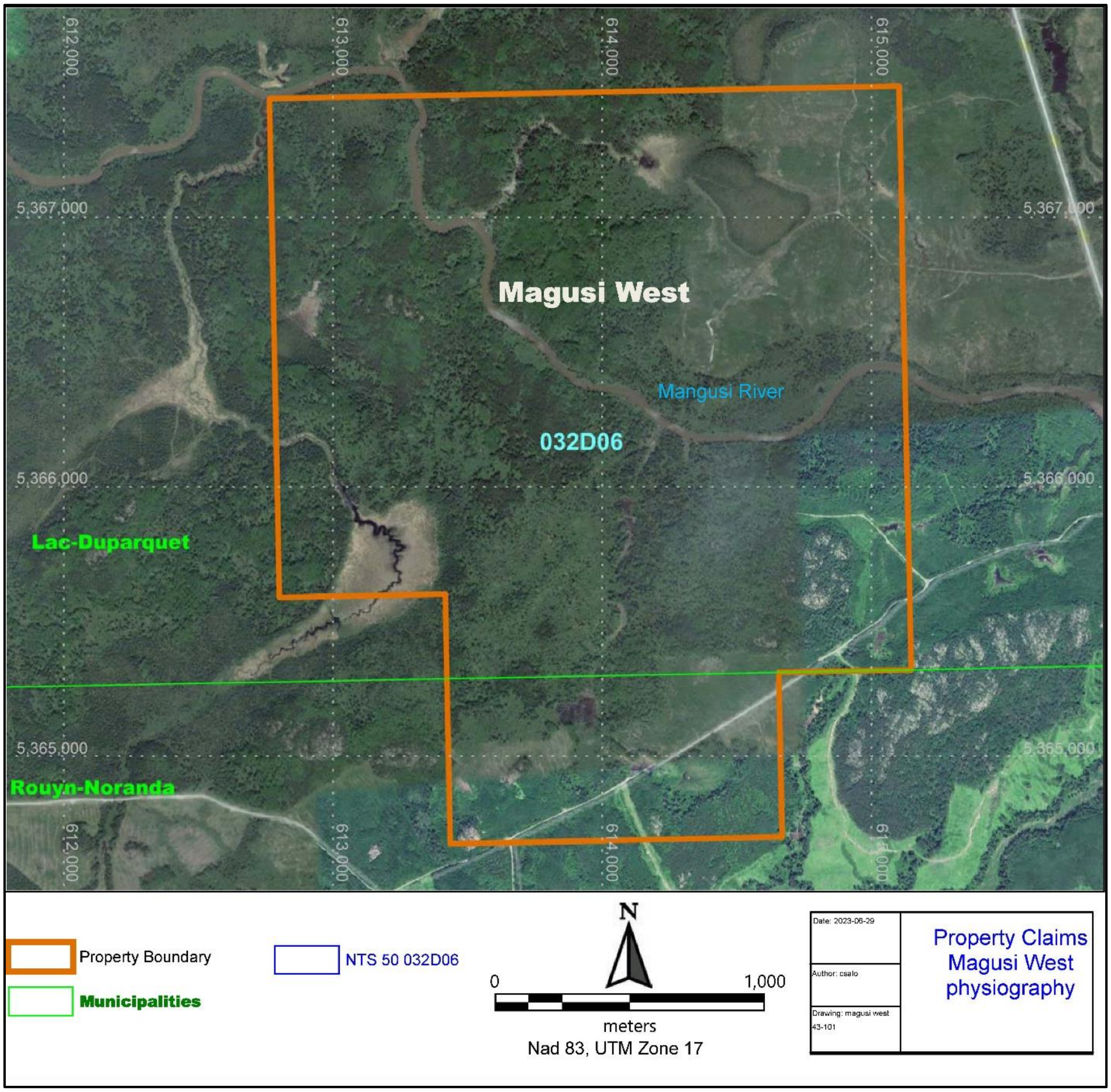

Figure 4: Property and Physiography Map.

5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE PHYSIOGRAPHY

5.1 Access

The Property can be accessed in several ways using public highways, secondary roads, and logging roads, depending upon whether the start point is within the Province of Ontario or within the Province of Québec. The most direct access route is by travelling east on Highway 101 from Timmins, ON to the Québec provincial border, where the highway designation changes to Route 388, and then further east to the Chemin de la Faune which heads south and eventually passes near the northeastern corner of the Property. The least direct route consists of travelling north from Rouyn-Noranda, QC, along Québec Route 101 to Chemin Jason and turning northwest to follow a sequence of secondary access roads that eventually become Chemin de la Faune, which then leads northwest to near the Property (as above). The southern part of the Property is accessed from Chemin de la Faune via logging roads of various vintages that are located south of the Magusi River, which transects the Property from southeast to northwest. These roads cross through the southeastern and southern portions of the property. Access north of the Magusi River is minimal and confined to a single series of non-driveable, almost overgrown logging roads, now trails that extend west for approximately 1.5 km. Access to the western part of the Property is presently only on foot or via canoe/boat on the Magusi River.

5.2 Climate

The climate in the area of the Property is continental and typical for west-central Québec and northeastern Ontario, with warm to occasionally hot, relatively dry summers, and cold winters with moderate amounts of accumulated rain and snow (*see* Figures 5, 6, and 7). The City of Rouyn-Noranda is located 36 km southeast of the Property and Weatherspark.com states that summers in the Rouyn-Noranda region, including the Property, are long, reasonably comfortable, and partly cloudy. The website also states that winters are frigid, snowy, and tend to be overcast. Over the course of a normal year, the temperature typically varies from -21°C to 24°C and rarely below -32°C or above 29°C (Figure 5). The annual rainfall (Figure 6) is approximately 870 mm (34.14 in) which includes an annual snowfall (Figure 7) of approximately 282.2cm (113.4 in).

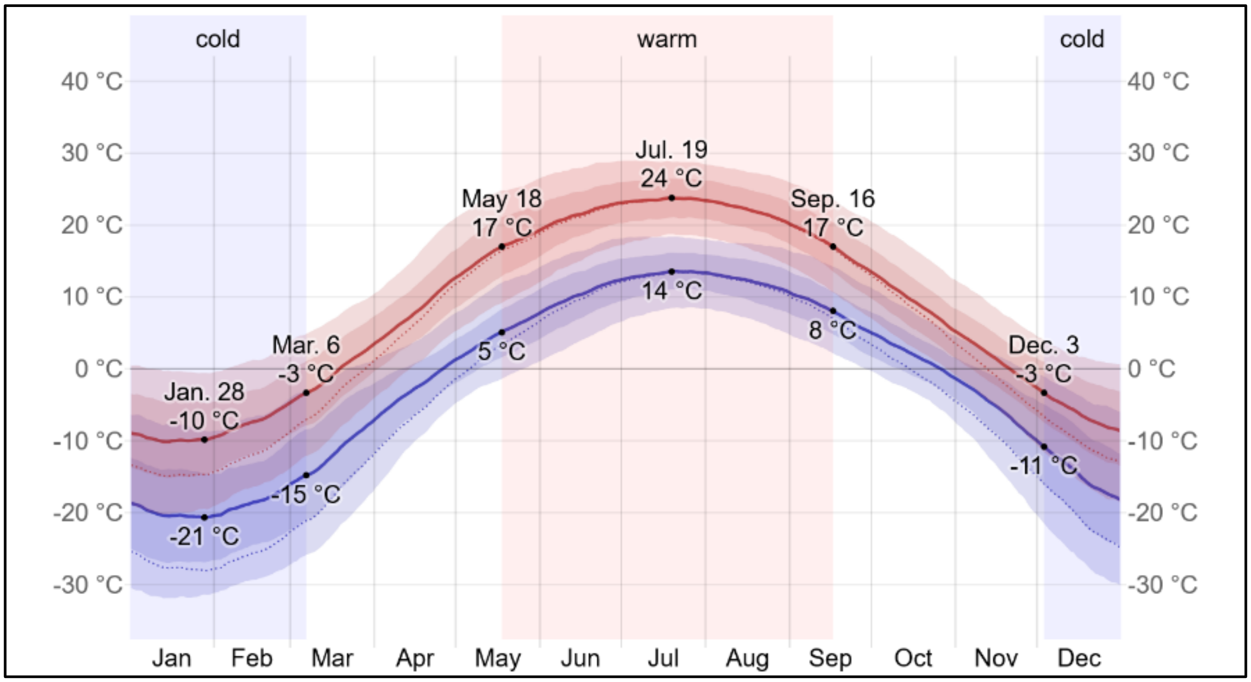

Figure 5: Rouyn-Noranda and Region Yearly Temperature Variations.
Data Source https://weatherspark.com/y/19894/Average-Weather-in-Rouyn-Noranda-Canada-Year-Round.

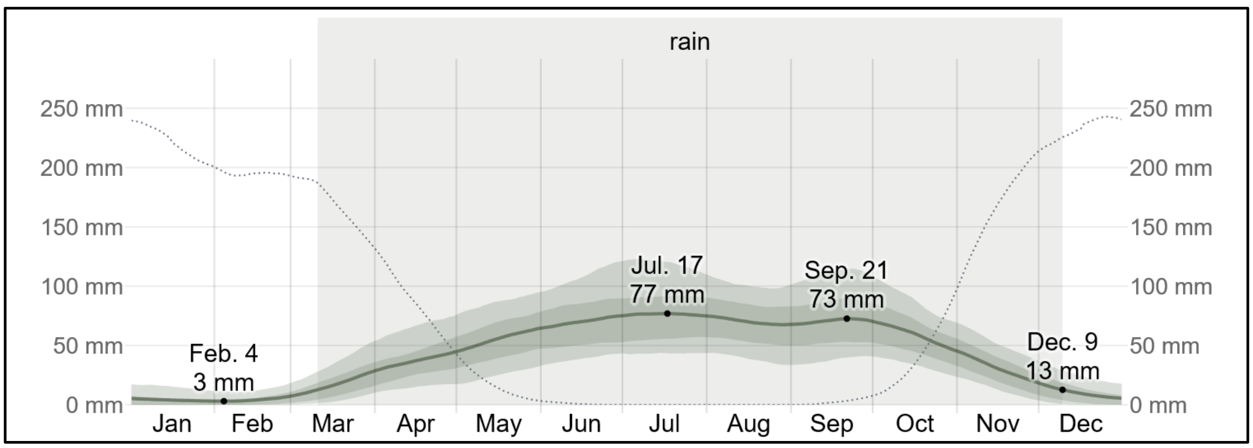

Figure 6: Rouyn-Noranda and Region Yearly Rainfall Variations.
Data Source https://weatherspark.com/y/19894/Average-Weather-in-Rouyn-Noranda-Canada-Year-Round.

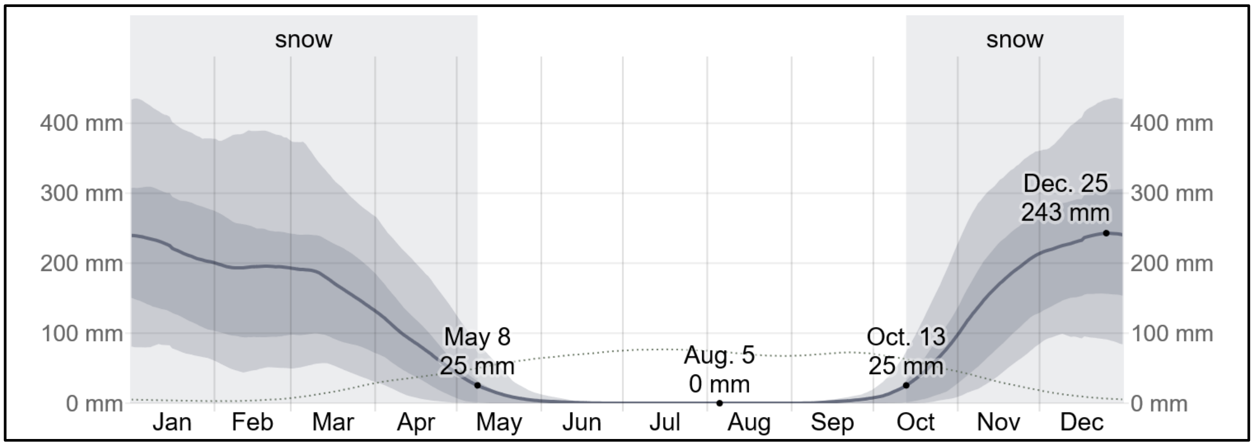

Figure 7: Rouyn-Noranda and Region Yearly Snowfall Variations.
Data Source https://weatherspark.com/y/19894/Average-Weather-in-Rouyn-Noranda-Canada-Year-Round.

5.3 Local Resources and Infrastructure

Other than a nearby secondary access road and several recent vintage logging roads there is no infrastructure around or near the Property. The closest infrastructure would be of the Town of Duparquet, QC, located 18 km northeast. The largest nearby population centres hosting civic, supply, and mining infrastructure would be the City of Rouyn-Noranda, located approximately 40 km to the southeast, and the City of Timmins, located 134 km to the west (Figure 2).

5.4 Physiography

The terrain in the within the Property (*see* Figure 4, above) is relatively flat in the centre of the Property flanking the Magusi River (which bisects the Property from east to west) and with moderate to rugged relief in the southeastern and northern portions of the Property. The land surface is covered by boreal forest consisting of large stands of poplar, maple, white birch, white and black spruce, and jack pine. The forest is locally clearcut, particularly south of the river. Low-lying areas, particularly near the streams and rivers, host swamps, marshes and bogs whose edges are forested by black spruce, tamarack, alder, and locally cedar.

The elevation of the Property ranges between 265m (the Magusi River) up to 328 m (outcrop ridges south of the river). The area is drained to the east by the Magusi River and its tributaries into Lac Acotawegami. Overall regional drainage is to the south. Slopes are usually gentle to moderate, but can locally be quite steep along the edges of outcrop ridges. Outcrop percentage is highly variable throughout the Property with a conservative estimate of between 1 and 5%.

6.0 HISTORY

6.1 General History

Mineral exploration probably began in the vicinity of the Property after the First World War, but the first documented work was gold (Au) exploration in 1935. Since that time there has been considerable exploration completed in the search for orogenic-style Au, VHMS-style base metals (mainly Cu and Zn), and some orthomagmatic sulphides (Ni-Cu).

Gold was first discovered and mined near the Porcupine Destor (PDF) and the Larder Lake-Cadillac (LLCF) fault zones in the early 1900's. The first VHMS deposits were discovered in the Noranda Mining Camp in the early to mid-1920's (the Horne Deposit was discovered in 1920), but exploration began earlier. Exploration spread outward from those first discoveries until the beginning of World War II when there was a hiatus. Exploration recommenced in the late 1940's and increased during the 1950' and 1960's to the point that between 1970 and 1992 the pace was frenetic. During the latter period trying to sort out the connections between the various properties and companies was often difficult. The pace of exploration has slowed considerably since the early the early 1990's, however, some activity still continues.

6.2 Property History

Most of the information described within this sub-section was summarized from the Québec government assessment data website at https://sigeom.mines.gouv.qc.ca ("SIGÉOM"). SIGÉOM is the depository of all mineral exploration assessment work that has been filed within the province since the Québec Mining Act was first set into law. Even though the data available is considerable it does not contain all of the information for all of the work completed on all properties. Many companies and individuals filed all work completed; however, others only filed that work required to hold active mineral claims in good standing. This has resulted in an incomplete exploration picture in most areas.

The information summarized here primarily consists of work completed within 1 km of the boundaries of the Magusi West Property, as best can be determined, and includes several airborne surveys and some diamond drilling contracted by the Québec government (Ministère de l'Énergie des Ressources du Québec). The work documented below is summarized by table in Appendix I, at the end of this report.

1935 and 1936: Gold was discovered by prospecting in 1935 about 375 m (1230 ft) west of the Property by Mel Robb of ***Robb-Montbray Mines Ltd.*** The Au occurred within a shear zone-hosted quartz vein contained within silicified, carbonatized, and sericitized diorite containing up to 5% disseminated pyrite (py), pyrrhotite (po), and some chalcopyrite (cp). This now known as the *Hébécourt-SO Occurrence* and a detailed description is presented within the Mineralization Section (below). Work completed in 1935 and 1936 included prospecting, bedrock trenching, grab sampling, and 3 short diamond drill holes (DH). The DH are not contained within the SIGÉOM database and their lengths, locations, and what geology and mineralization encountered are unknown.

1945: A description of the ***Hébécourt-SO Occurrence***, and its discovery, was completed by Mining Engineer C.T. Bischoff for Cross Canada Exploration Ltd. This report does mention that considerable Ni-Cu exploration (most unreported) was underway within Hébécourt and Montbray townships at the time he visited the Au occurrence.

1950 and 1956: The ***Mining Corp. of Canada Ltd.*** completed geological mapping on the Ouzounian Property that overlapped the northern 10% of the present Property. The mapping extended north to the southern shoreline of Lac Hébécourt, 5.5 km (3.4 mi) north.

1959, 1960, and 1965: Ground magnetometer and ABEM Electromagnetic Gun (EMG), geophysical surveys were completed in 1959 by ***Nealon Mines Ltd.*** on the Thompson Option located ~1640 ft (500 m) north and northeast of the Property. No conductors were detected by the EMG survey and the magnetic profile was relatively flat. The large Thompson Option property included the Lac Monsabrais SO and Lac Monsabrais OSO Cu-Ag occurrences (described below) that are located several km north of the Property.

1963: The Québec Department of Natural Resources (DNR) complete a geological mapping program covering all of Hébécourt Township, including the Property. The mapping appears to be of good quality and the maps (released in 1966) were at a scale of 1000 ft=1 inch.

1971: The DNR contracted Questor Surveys Ltd. to complete a 6 channel Input Mark V airborne electromagnetic and magnetic survey over a large area, including most of the western Blake River Group within Québec. No anomalies were detected within the Property.

1972 and 1973: Protea Developments Inc. completed VLF-EM and magnetometer surveys in 1972 on claims owned by F. Tagliamonte. The claim group almost completely overlapped the present claims and extended to the west to include the Hébécourt SO Au Occurrence and its western strike extension. Early in 1973 a follow-up Crone Horizontal-Loop EM (CEM) survey was completed. Two drill holes (totaling 809 ft or 245 m) were completed in early 1973 to test two of the CEM conductors. Neither hole intersected Au mineralization.

1972 to 1977: Work from at least 40 exploration programs were filed for assessment credit during this time period for work within, and surrounding, the present Property by several individuals, numerous companies, and their option and Joint Venture (JV) partners. Claim Groups, and portions of those groups, seemed to change hands on a regular basis resulting in overlapping property interests. The two dominant names during this period are ***New Insco Mines Ltd.*** and ***F. Taglamonte***; however, ***Arcadia Explorations Ltd., Mustang Mines Ltd., and Protea Developments Ltd.*** were often present as partners as were ***Panacan Minerals and Oils Limited, ACAP Diversified Inc., Noranda Exploration Co. Ltd., and Lewis Red Lake Mines Ltd*** on a lesser basis.

Work completed included magnetometer, VLF-EM, HLEM, Turam EM, MaxMin II HLEM, CEM, IP-EM and Resistivity, Time-domain EM (TDEM), and ABEM Electromagnetic Gun ground geophysical surveys; geological mapping at a variety of scales; Pionjar basal till sampling, and at least two diamond drilling programs. Numerous VLF-EM conductors, some coincident with HLEM anomalies, were detected with some recommended for follow-up. The recommended follow-up included more geophysics (often IP-EM), basal till sampling, and diamond drilling. Some geophysical surveys had issues with conductive overburden.

A fence of four diamond drill holes (one abandoned) were completed by ***Lewis Red Lake Mines Ltd.*** about 2625 ft (800 m) east of the Property, one in 1975 (700 ft or 213 m) and three in 1976 (1790 ft or 545 m). A single 750 ft (230 m) hole was completed in 1976 by ***Noranda Exploration Co. Ltd.*** on a property optioned from F. Tagliamonte that now includes the present Property. All holes drilled targeted ground HLEM anomalies and no anomalous assays were obtained.

1979: The Ministère de l'Énergie des Ressources du Québec (once the DNR) completed a 9-hole, 2482 m (8145 ft), stratigraphic diamond drilling program along a north-northwest-trending section line. The northernmost hole was drilled 580 m east of the northern corner of the present Property and the southernmost hole was drilled 1420m east of the southeastern corner of the Property. These holes were drilled to test the stratigraphy and structure of the rock package located east of the Magusi River VHMS Deposit and the Fabie Bay VHMS Mine (*see* descriptions in the Mineralization Section, below).

1980 to 1986, 1989, and 1990: Over an 11-year period ground magnetometer, VLF-EM, HEM, IP-EM, and resistivity surveys; bedrock trenching and sampling; 5 diamond drilling programs; and several project summaries and compilations were completed on a property owned by ***F. Tagliamonte***. Over time the exploration partners on this group included ***Corbeau Resources Ltd., SOQUEM, Churchill Energy Inc., Midnapore Resources Inc., Noranda Exploration Co. Ltd., Nova-Cogesco Resources Inc., and Orcana Resources Ltd.*** Throughout most of the 1980's the Tagliamonte Group enclosed and extended to the west and north of the present Property. The claim group was extended to the east during the late 1980's to encompass the area of what became the *TA-89-1 (Project Tagliamonte) Occurrence* (described in the mineralization section, below).

The trenching and sampling work concentrated on the structures and mineralization associated with the *Hébécourt SO Occurrence* and did not add any new information or significant analyses. The various ground EM surveys detected a variety of anomalies of varying strengths, some coincident with known structures or other geophysical anomalies, that were tested by the 5 drilling programs.

In 1982 **SOQUEM** (a Québec Provincial Government-owned exploration company) drilled 2 holes (305m or 1000 ft) within eastern and southeastern portions of the present Property that tested IP chargeability/resistivity anomalies coincident with VLF-EM anomalies; however, no anomalous analyses obtained.

A 5-hole drill program (2070 ft or 630 m) completed by ***Midnapore Resources Inc.*** in late 1985 and early 1986 tested a reportedly Au-bearing, generally east-west-striking shear zone flanking the hangingwall diorite to the north. The westernmost 4 holes tested a 250 ft (75 m) interval of the variably brecciated, pervasively chloritized and sericitized, weakly mineralized, locally quartz-carbonate-brecciated shear zone. Drill samples from the shear contained anomalous to low-grade Au values (up to ***0.065 opt*** from DH MNPH85-1). DH MPSH86-4 was drilled 1600 ft (490 m) to the east of the other 4 holes at a point located 245 ft (75 m) west and 665 ft (200 m) south of the northwest corner of the present Property. This hole was planned to test the extension of the shear zone where it was coincident with a Turam anomaly detected during a 1975 survey. The hole intersected ***1.32% Cu and 0.11%***

Zn/1 ft (30 cm) and localized anomalous Au from a narrow, massive chalcopyrite vein within sheared, altered diorite. This intersection defines a Cu-(Zn±Au) occurrence (albeit a narrow one), that is not designated in the SIGÉOM database, within a variably mineralized structure that trends onto the present Property. The Author has designated this as the ***MPSH86-4 Occurrence***. After an IP-EM survey was completed Midnapore drilled another 8 holes (5171 ft or 1575 m) that were designed to test new IP anomalies, 1975-vintage Turam anomalies, as well as to extend several of the holes drilled earlier in the year. The 3 holes testing IP and Turam anomalies did not yield any significant results; however, one hole (MNPH86-6) intersected ***1.74% Zn/1.5 ft (0.45 m)*** within sheared and altered hangingwall diorite containing 2 to 5% disseminated pyrite, pyrrhotite and sphalerite. This intersection also classifies as an unrecorded occurrence along an altered and mineralized structure trending onto the Magusi West Property and the Author has designated it the ***MNPH86-9 Occurrence***.

Noranda Exploration Co. Ltd. and Nova-Cogesco Resources Inc. drilled a 456.6m (1500 ft) deep hole 550 m (1800 ft) east of the Property in 1989 that discovered the *TA-89-01 Ag Occurrence* (*see* description within the Mineralization Section, below). Analyses of drill core from DH TA-89-01 contained between ***0.160 opt Ag/0.70 m and 0.270 opt Ag/1.40 m*** within chlorite-sericite schist containing quartz-ankerite veinlets. This not an orogenic Au occurrence, but may represent the remnants of a VHMS stringer system since it is along-strike from the Magusi River VHMS Deposit located 4.5 km to the east.

The final drill program completed on this property during the 11-year period comprised 4 holes drilled by ***Noranda Exploration Co. Ltd. and Orcana Resources Ltd***. Two holes were drilled within the present Property on unspecified targets, but the location of the holes suggests targeting geophysical anomalies along strike from the *Hébécourt SO Occurrence* (TA-90-02, western hole) and the Baie Fabie Fault (TA-90-03, eastern hole). No significant Au or base metals values were intersected.

1984 to 1987: Aunore Resources Inc. completed a large amount work over a 4-year period on a large claim group overlapping the northern edge of the present Property. Aunore's property extended to the Porcupine Destor Fault Zone in the north, Lac Duparquet in the East, and the Ontario border on the west. Most of the work, but not all, was done well away from the present Property. Exploration within or near the Property included a REXHEM-3 airborne electromagnetic survey, reconnaissance geological mapping, soil (humus) geochemistry surveys, and several data compilations and summary reports. Several REXHEM-3 anomalies and some weak humus soil geochemical anomalies were located directly adjacent to the Property to the north and west. There is no evidence in the SIGÉOM database for any diamond drilling completed near or within the Property.

1986: The Ministère de l'Énergie des Ressources du Québec completed a 6 channel Input Mark VI airborne electromagnetic survey over a large area stretching from Rouyn-Noranda in the southeast and almost to the Ontario border east of Lac Hébécourt in the northwest, including the area surrounding present Property. Several 2, 3 and 4 channel anomalies occurred marginal to the Property. The Questor Mark VI Input survey had better depth penetration than the earlier Mark V survey; however, neither system tended to penetrate greater than 50 m depth.

1996: The Ministère de l'Énergie des Ressources du Québec reprocessed the historical airborne geophysical data for a large area including the present property.

2002 and 2003: Joint Venture (JV) partners ***Noranda Inc., Novicourt Inc., and Virgina Gold Mines Inc.*** completed several MegaTEM surveys, flown by Fugro Airborne Surveys, over their Abitibi JV which included the Duparquet-Rouyn-Noranda area (and the present Property) in 2002. There was follow-up drilling and ground geophysics of anomalies detected by the airborne survey, but no holes were drilled near the Property.

The JV partners contracted Quantec Geoscience Inc. in 2003 to complete borehole TEM surveys on holes drilled as follow-up to the MegaTEM survey and ground TEM (Time-domain or pulse EM) surveys to better define some anomaly clusters. No follow-up holes were drilled anywhere near the Magusi West Property; however, five small grids were cut over MegaTEM anomaly clusters located within 3 km of the present Property. Grid HEB-105 was cut to cover the only nearby cluster and was located between 100 and 300 m north of the northwestern corner of the Property. No interpretation of the survey completed is available; however, examination of the line profiles within the Quantec report by the author strongly suggests no conductor of any significance was detected.

2007: First Metals Inc. contracted Aeroquest International to complete an airborne electromagnetic (AeroTEM), radiometric, and magnetic survey over a large area located to the east of, and slightly overlapping, the present Property. The SIGÉOM website does not contain any reports providing interpretation; however, available anomaly maps show 4 very weak, possibly overburden anomalies present within the eastern part of the Property and coincident with the trace of the Magusi River.

2011 to 2013: Northern Skye Resources Ltd. completed prospecting, a beep mat survey, and some channel sampling during 2011 within the Property south of the Magusi River. The 12 channel samples and 1 grab sample were taken from four outcrops that the samplers had stripped of moss. No significant or anomalous base or precious metals values were obtained from the samples taken.

In 2012 Northern Skye contracted Geophysics GPR International Inc. to complete helicopter-borne GPR Time-domain EM and magnetic surveys over a large area located west, northwest, and northeast of the present property, including the northern half. The maps show at least 15 weak, low-channel. off-time anomalies and eight possible anomalies. The Geophysics GPR report states that "*almost all the picked EM anomalies show weak time constant (tau) values and a large single peak signature. This anomaly shape can be explained by overburden valleys, thick vertical bodies or a combined effect of thick overburden over thin vertical bodies*".

During 2013 Northern Skye drilled 4 holes, totalling 445.36 m (1460 ft), only one of which was located near the present Property. DH H12-001 (101.26 m or 332 m), drilled 515 m west of the western Property boundary, tested the deformation zone associated with the *Hébécourt SO Occurrence*. The hole intersected a variably carbonatized. anastomosing shear zone crosscutting a variably fractured, hematized, and carbonatized quartz-feldspar porphyry (historically referred to as a diorite?). No analytical results from the hole are available

2012 and 2015: During 2012 ***Mag Copper Ltd.*** completed in-loop Time-domain EM surveys over three cut grids located within a large group of claims adjacent to the east and southeast of the present Property. There was a slight overlap with the southeast corner of the Property. The surveys detected 10 weak anomalies and recommended prospecting and IP-EM surveys; however, there is no record of this work being done. During late winter 2015 the company completed beep mat surveys over three widely-spaced areas, one of which overlapped the southeastern corner of the Property. Several conductive anomalies were detected on the Property and ground follow-up was recommended. Again, there is no record of any further work being completed.

7.0 GEOLOGICAL SETTING AND MINERALIZATION

7.1 Regional Geology

The Property is hosted within the felsic, intermediate, and mafic metavolcanic rocks of the Blake River Group which is located within the southern portion of the Neoarchean-age Abitibi Greenstone Belt ("AGB"). The AGB is, in turn, contained within the Wawa-Abitibi Terrane (formerly referred to as Subprovince) of the southeastern portion of the Superior Province of the Canadian Precambrian Shield (the largest Archean craton in the world).

Monecke et al. (2017) describe the AGB (*see* Figure 8) as the largest and most continuous tectonic and supracrustal unit within the Canadian shield and the largest greenstone belt in the world. The AGB straddles the Ontario-Québec provincial border and extends ~720 km east-west and 310 km north-south (Mercier-Languevin et al., 2011). The belt is a prolific host of many world-class VHMS and Au-rich VHMS (i.e., Horne); orogenic gold; significant orthomagmatic sulphide; magmatic hydrothermal (intrusion related); and several Au and Cu-Au porphyry deposits. The belt is bound to the north by the dominantly meta-plutonic domain of the Opatica Subprovince; southeast, by the dominantly metasedimentary schists and paragneiss of the Pontiac Subprovince; east by the largely high-grade metamorphic Grenville Province; and west by the 500 km-long, north-northeast-trending Kapuskasing structural zone that juxtaposes granulite facies metamorphic rocks with lower metamorphic-grade AGB rocks.

The Abitibi greenstone belt-was subdivided by Thurston et al. (2008) into seven volcanic episodes based on groupings of U-Pb zircon ages. The Thurston et al. (2008) ages were augmented by ages determined by Ayer et al. (2005). The volcanic episodes are the: pre-2750 Ma (un-named unit); 2750 to 2735 Ma (Pacaud); 2734 to 2724 Ma (Deloro); 2723 to 2720 Ma (Stoughton-Roquemaure); 2719 to 2711 Ma (Upper and Lower Kidd-Munro); 2710 to 2704 Ma (Upper and Lower Tisdale); and 2704 to 2695 Ma (Upper and Lower Blake River).

Ayer et al. (2008) state that

> "*Many of these volcanic episodes are intercalated with and capped by relatively thin sedimentary interface zones dominated by chemical sedimentary rocks. Stratigraphic and geochronological analysis indicates discontinuous volcanic deposition with these*

sedimentary zones representing localized gaps of 2 to 27 m.y. between volcanic episodes. The gaps thus represent condensed sections consisting of up to 200 m of iron formation, chert breccia, heterolithic debris flows, sandstone, argillite, and conglomerate. The data support an autochthonous origin for the belt and suggest that the belt consists of a series of stratigraphic and/or lithotectonic units bounded by localized unconformities. This has fundamental implications for regional correlation and development of greenstone belts in general. The stratigraphic gaps are important as they are commonly correlative with the time of formation of Abitibi VMS deposits and thus the sedimentary interface zones represent important stratigraphic markers which can be used to help focus exploration."

7.1.1 Blake River Group:

The 3200 km^2 Blake River Group (BRG) underlies the Property (*see* Figure 9), which, as stated above, is the youngest and richest volcanic sequence in the Abitibi Greenstone Belt at 2704 to 2695 Ma (Thurston et al., 2008). The BRG primarily consists of a 4 to 7 km thick succession of submarine, basaltic to rhyolitic, tholeiitic to calc-alkaline volcanic and volcaniclastic rocks with several felsic volcanic centres intruded by a variety of plutons and mafic to intermediate dykes and sills (Paradis et al. 1988; Galley and van Breemen 2002; Galley 2003; Piercey et al. 2008; Ross et al., 2011, and references therein). U-Pb ages determined by Goutier et al. (2009) allowed the subdivision of the BRG in Ontario into a lower unit (2704-2699 Ma) and an upper unit (2699-2695 Ma) known in Québec as the Misena and Noranda units, respectively (*see* Figure 10). The BRG is further subdivided within Québec into the Reneault-Dufresnoy, Rouyn-Pelletier, Duprat-Montbray, Hébécourt (Lower Blake River), Horne, Camac, Dupuis, Bousquet and Noranda Formations by Goutier et al. (2009) and McNicoll et al. (2014).

The BRG, for most of its areal extent within both Ontario and Québec, is bound on the north and south by the crustal-scale Porcupine-Destor (PDF) and Larder Lake-Cadilac (CCLF) faults, respectively, and along its northeast margin by the La Pause fault zone (LPF). Both the PDF and CCLF systems act as foci of a large amount of late Au mineralization that usually occurs adjacent to, or associated with, faults that splay from or are subsidiary to the main structures (*see* below). The intersection of the LPF with the CCLF coincides with a large cluster of small to large Au deposits near the town of Cadillac. Rocks of the BRG were subjected to major north-south shortening events (regional D2); however, the deformation is heterogeneously distributed within the BRG. The BRG is characterized by tilting of the strata and by the presence of major folds, whereas the northern and southern margins are characterized by the presence of laterally extensive shears and tight folds. Metamorphic grade within the bulk of the BRG is lower greenschist to sub-greenschist facies; however, in the south there are some lower amphibolite facies rocks (Mercier-Languevin et al., 2011).

Pearson and Daigneault (2009) postulated that the Blake River Group comprised a megacaldera complex composed of the large Misema Megacaldera including two nested, overlapping collapse structures referred to as the New Senator caldera and the previously identified Noranda caldera. They identified and defined the three structures by the distribution and geometry of synvolcanic faults and dyke complexes and the organization of intrusive and volcanic facies. Pearson and Daigneault (2009) defined the Blake River Megacaldera Complex on the basis of the mafic-intermediate dyke swarm pattern; the overall domal geometry; the fault pattern; the distribution of volcaniclastic rock; and the distribution pattern of carbonate-rich hydrothermal alteration.

If this theory is correct then some of the major fault zones present within the BRG, particularly those with arcuate form, may be the remnants of synvolcanic ring faults associated with the collapse of the megacaldera complex (*see* Figure 11). If they are synvolcanic ring faults then they could, and possibly did, provide pathways for metal-rich hydrothermal fluids to reach and vent onto, or just below, the seafloor. The proposed location of the inner ring fault of the megacaldera complex coincides with the Alembert (AFZ) and Baie Fabie fault (BFSZ) zones passing through or near the property and the nearby Magusi River and Fabie Bay (New Insco) VHMS deposits (*see* Mineralization section below). Reactivation of these faults could easily have provided pathways for Au-bearing fluids associated with the late orogenic Au mineralization event.

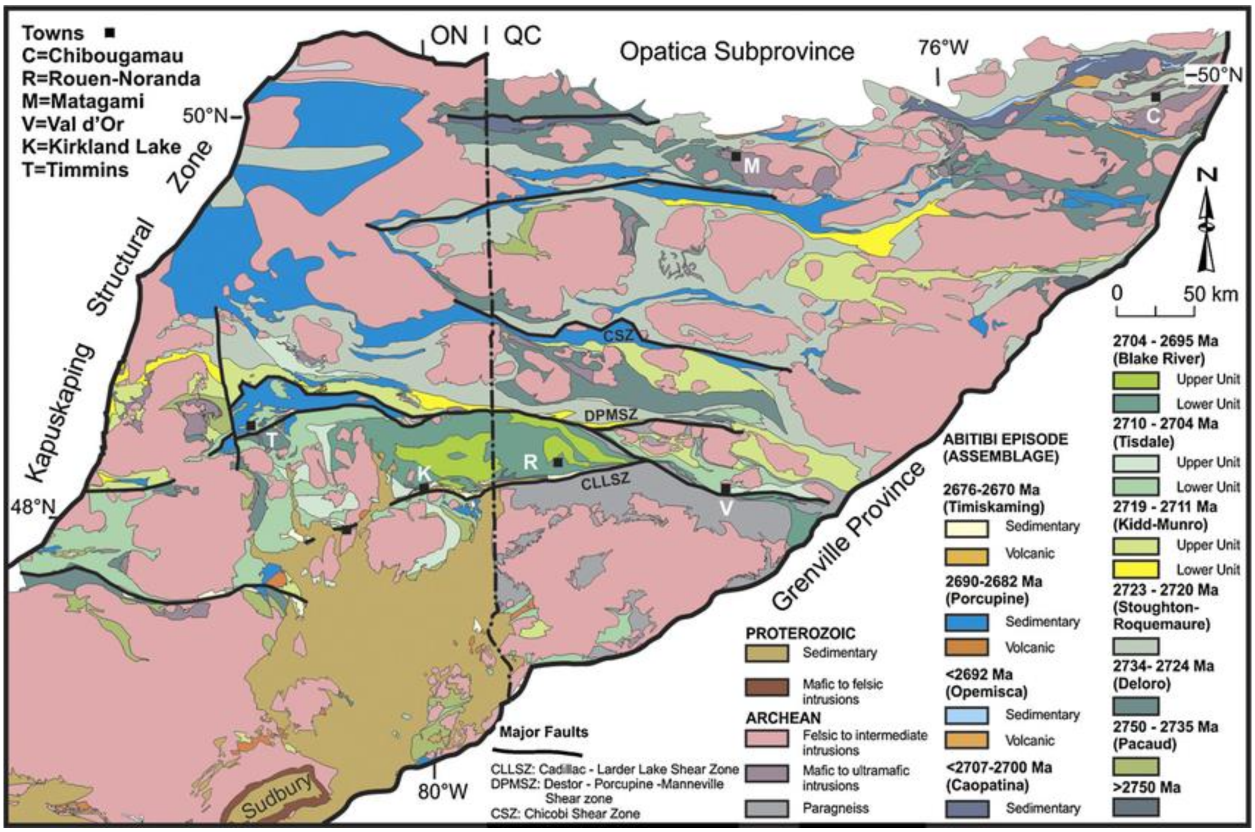

Figure 8: Geological map of the Abitibi Greenstone Belt showing the location the various important fault zones. Thurston et al. (2008).

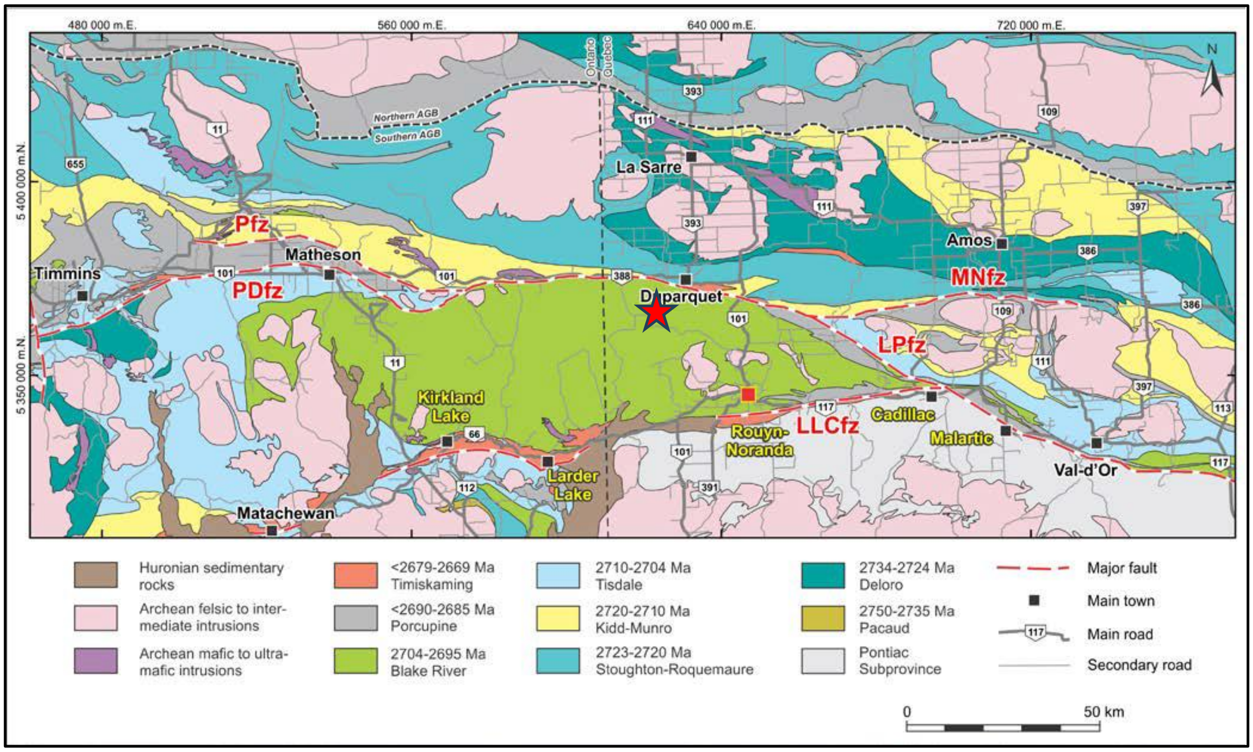

Figure 9: The Blake River Group (green) within the southern Abitibi greenstone belt showing volcanic and sedimentary rock distribution and major regional structures. LLCfz = Larder Lake-Cadillac fault zone, LPfz = La Pause fault zone, MNfz = Manneville North fault zone, PDfz = Porcupine-Destor fault zone, Pfz = Pipestone fault zone. From Monecke et al. (2017). The red star shows the approximate location of the Magusi West Property.

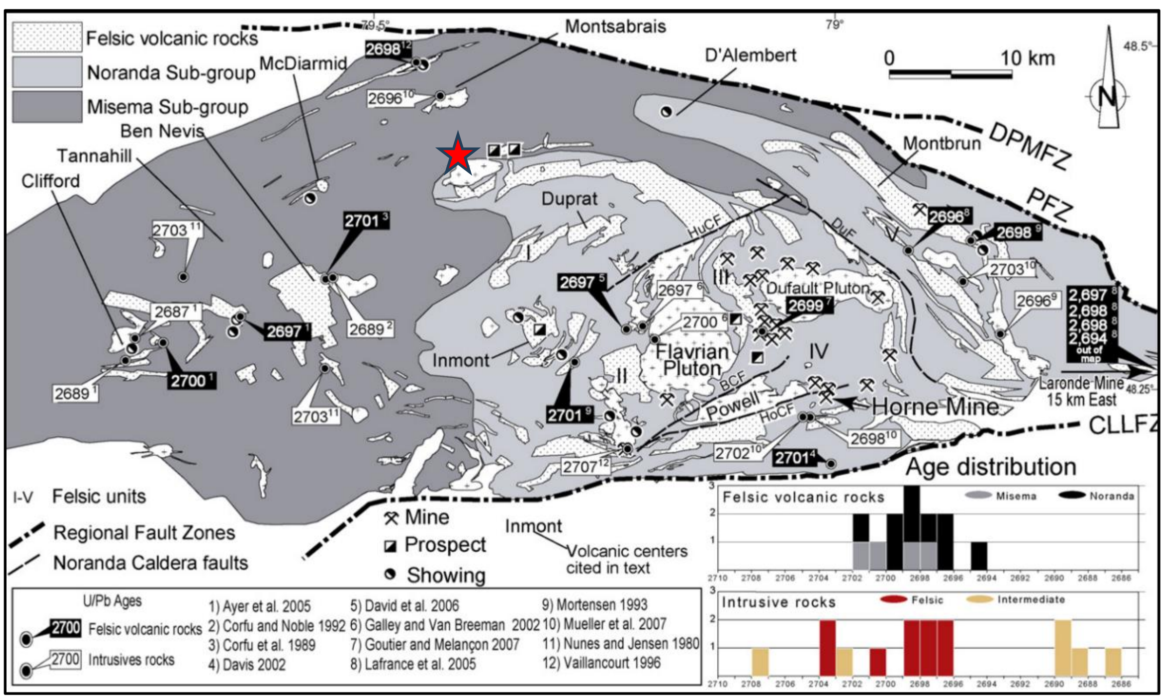

Figure 10: Relevant features of the Blake River Group and distribution of the upper and lower subgroups (Noranda and Misema, respectively) and the distribution of felsic volcanism. The red star shows the approximate location of the Magusi West Property. Figure from Pearson and Daigneault (2009).

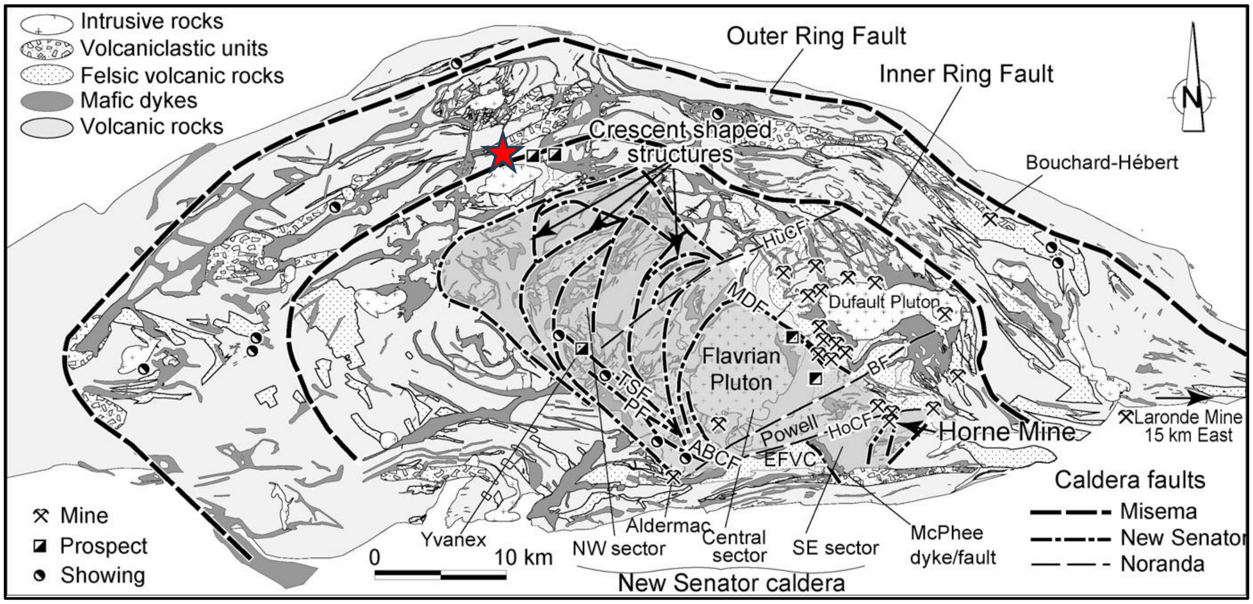

Figure 11: The Blake River Megacaldera Complex. The synvolcanic faults and distribution of volcanic and intrusive facies delineate the host Misema caldera and the nested New Senator (shaded) and Noranda calderas (lower right of shaded section). The important feature of this figure with respect to this report is the Inner Ring Fault (Misema Inner Ring Fault) which defines the location of the Alembert and Baie Fabie faults which are the components of the Inner Ring Fault which are associated with the Magusi River Property. The 2 prospect symbols left of the “Crescent shaped structures” label define the location of the Fabie Bay and Magusi River VHMS deposits. The red star marks the approximate location of the Magusi West Property. Map after Pearson and Daigneault (2009) and Moore et al. (2014) and was taken from Moore et al. (2016).

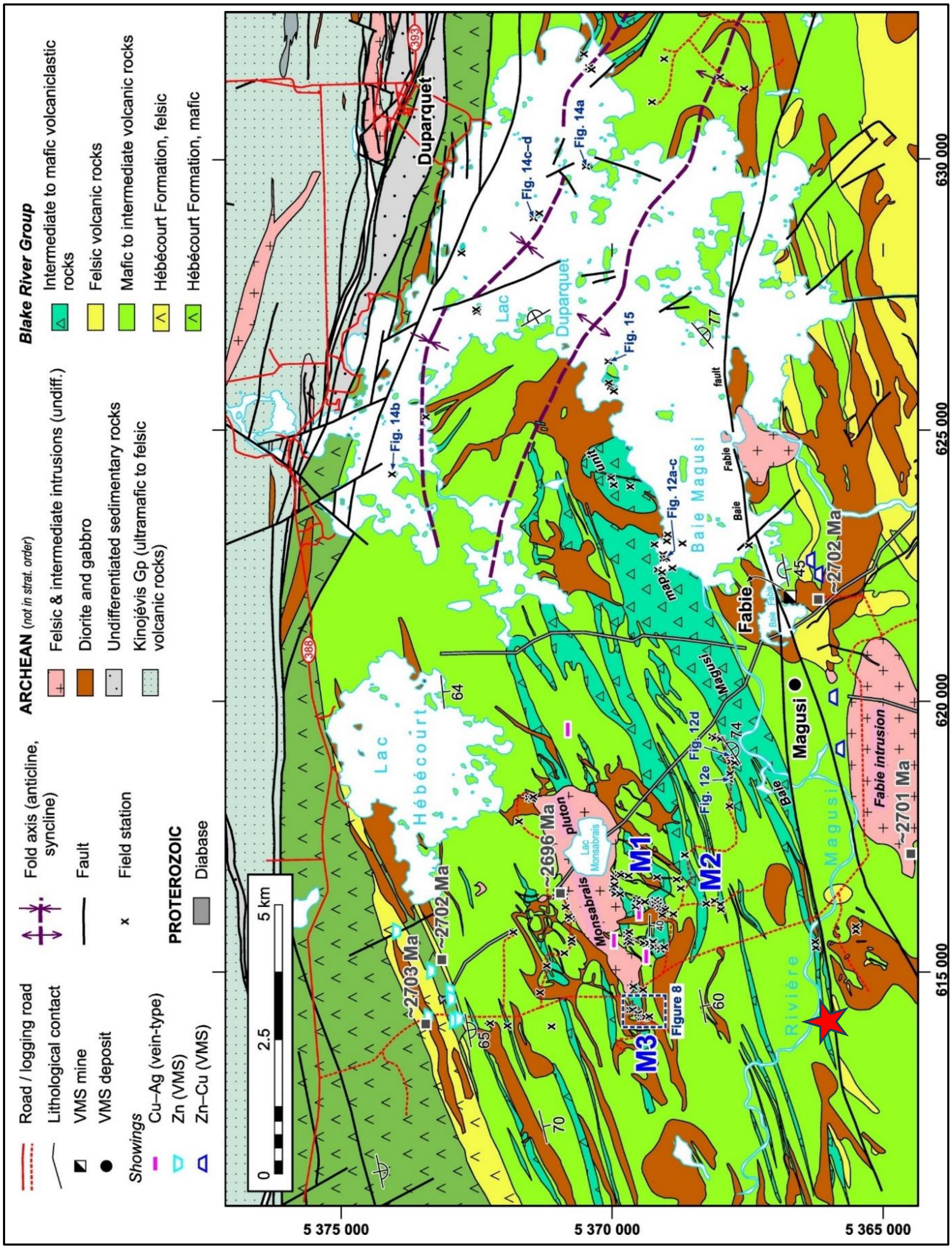

Figure 12: Regional Geology Map. Ross et al. 2011 (CJES, v48, Figure 7). The red star marks the approximate centre of the Magusi West Property

7.2 Local and Property Geology

The Magusi West Property, is underlain by rocks of the Misema sub-group (Lower Unit) of the Archean Blake River Group (Moneke et al., 2017) located within the southern Abitibi Greenstone Belt (*see* Figure 12). The geological description of the Property (*see* Figure 13) was summarized from SIGÉOM, QDM geology maps, and Ross et al. (2011).

The Property roughly straddles the Baie Fabie Fault/Shear Zone (BFSZ) which forms the boundary between the altered volcanic rocks to the north and the less altered to unaltered volcanic rocks to the south.

North of the BFSZ the rocks are part of the Reneault-Dufresnoy Formation (RDF) (Goutier et al., 2007) which is a homoclinal sequence that youngs to the south and is centred on Lac Monsabrais (located 3.2 km northeast of the Property). The rock package consists of mafic to intermediate, transitional to calc-alkaline, massive to pillowed submarine flows and volcaniclastic rocks, crosscut by diorite (often quartz- and/or feldspar-phyric, and probably hypabyssal), gabbro, and the synvolcanic Monsabrais Pluton (Ross et al., 2008a; Ross et al., 2011). The pluton is a multiphase intrusion that ranges from tonalite to quartz diorite in composition whose southern margins are located 1.9 km north of the Property (Figure 12). The pattern of the dioritic units associated with and marginal to the pluton suggests that they are closely related to the pluton and may be apophyses of it.

The vesicularity of the lava flows and the proportion of fragmental units present within the rock package increase southward (Ross et al., 2011, and references therein). There are no rhyolitic rocks observed north of the BFSZ. The observed volcaniclastic rocks comprise relatively abundant intermediate to mafic fragmental units within the property. They primarily consist of monomictic, non-bedded and non-graded, lapilli tuffs and tuff-breccias that are intimately intermixed with coherent subaqueous lava flows. Jigsaw-fit textures are present locally and most of the package is interpreted as dominantly hyaloclastitic (Ross et al., 2011).

The rocks south of the BFSZ comprise mafic to intermediate, sometimes felsic, massive to pillowed volcanic rocks of the Duprat-Montbray Formation (DMF). The available literature does not provide much information on these rocks and also does not note the presence of any volcaniclastic units within the northern part of the formation. What are present are some localized, relatively restricted rhyolitic units (unknown whether these are flows or pyroclastic units. Some of the rhyolite units occur as inclusions within or adjacent to the dioritic body underlying the southeastern portion of the Property. If this intrusion is subvolcanic then it is possible that it may have stoped upward into its own extrusive volcanic products.

Geology maps by Thibault (1960, 1961) and on SIGÉOM show that the BFSZ passes through the approximate centre of the Property and the associated Alembert Fault (AFZ) is located about 500 m (1640 ft) southeast of the Property (Figure 13). The BFSZ passes through the ***TA-89-01 Ag-Zn Occurrence***, located a short distance east of the Property (*see* Figure 13), and about 425 m (1395 ft) south of the ***Hébécourt SO Au Occurrence*** located a short distance west of the Property (*see* descriptions below, Figure 13). An interpreted west-northwest-trending splay from the BFSZ apparently passes through the occurrence. East of the Property the fault strikes east and passes a short distance north of the ***Magusi River VHMS deposit*** and the past-producing *Fabie Bay VHMS Mine* (Figure 13). The AFZ passes south of the Magusi River Deposit and north of the Fabie Bay Mine. The BFSZ merges with the AFZ about 250 m north-northeast of the Fabie Bay mine. The proximity of both faults to the deposits strongly suggests that they have had a tectonic effect on both deposits. The arcuate trace of the AFZ and its associated BFSZ suggests they may form segments of the Misema Inner Ring Fault of the megacaldera (Figure 11) proposed by Pearson and Daigneault (2009). This subvolcanic ring fault and could have acted as a deposition site for the VHMS fluids that formed the Fabie Bay and Magusi River deposits (described below).

Regional metamorphism within both volcanic packages only reaches sub-greenschist grade, the level of tectonic strain is very low, and volcanic textures are well preserved. (Ross et al., 2011).

The synvolcanic Monsabrais Pluton would provide a good heat source for VHMS-related hydrothermal fluids and its proximity to the property is a positive indication of the potential for Zn-Cu-Ag mineralization.

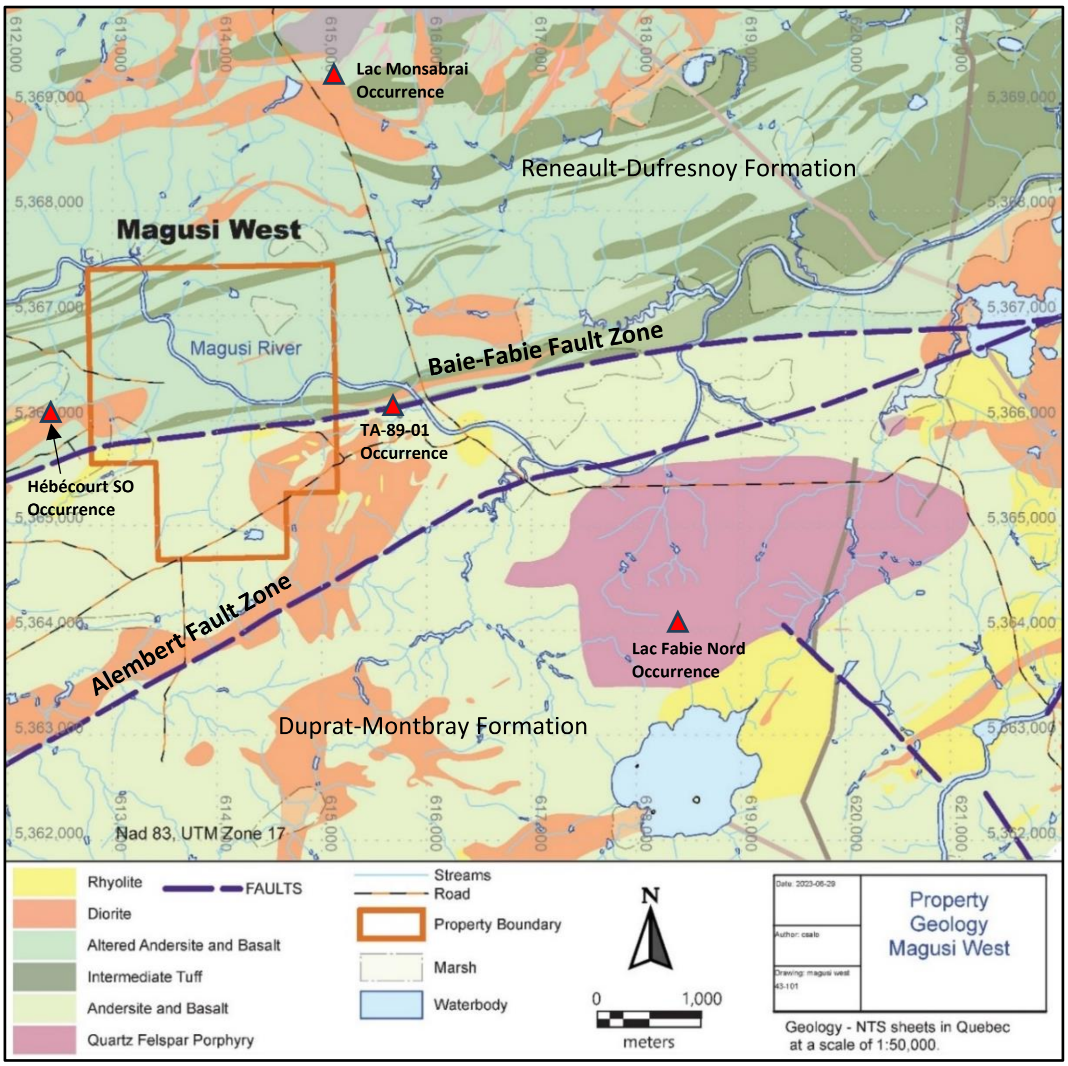

Figure 13: Magusi West Property Geology Map. All geology and data taken from the SIGÉOM website.

7.3 Mineralization

The Abitibi Greenstone Belt is very well endowed with base metal and gold mineralization (*see* Figure 14) consisting of several distinct styles comprising Volcanic-hosted Massive Sulphide (VHMS); Au-enriched VHMS; orogenic Au mineralization; orthomagmatic sulphide mineralization (Ni-Cu-PGE); several pre- to syn-deformation Au and Cu-Au porphyry systems; and syenite-associated magmatic-hydrothermal deposits (Mathieu, 2021).

The Property is contained within the Blake River Group of the AGB which is the best-mineralized of the 7 groups comprising the AGB. It is particularly well-endowed with VHMS, Au-enriched VHMS; intrusive rock-associated Orogenic Au mineralization, and contains >30% of the known mineral deposits within the AGB and almost half of the VHMS tonnage (~375 Mt of production, reserves, and resources) of the entire greenstone belt (Mercier-Languevin, 2011).

The BRG hosts numerous mineral occurrence and prospects of VHMS and orogenic Au deposit types as well as some of the orthomagmatic sulphide type. Only two SIGÉOM-named occurrences present within a 1 km radius of the Property with another five within a 4 km radius (*see* Figure 14). There are also two occurrences not identified within SIGÉOM, but identified from assessment data by the Author, that occur short distances west of the northwestern boundary of the Property (Figure 14). They comprise orogenic Au, VHMS, and orthomagmatic sulphide deposit types. No mineral occurrences have presently been identified within the boundaries of the Property, but several strike directly toward the Property. Descriptions of nearby VHMS and Au mineral deposits and the nearby mineral occurrences are presented below by deposit type.

7.3.1 ***Volcanic-hosted Massive Sulphides:***

The BRG hosts many VHMS occurrences, prospects, and possibly as many as 33 deposits (Pearson and Daigneault, 2009; Mercier-Languevin et al., 2017). Some of these deposits are world-class, such as the giant Quemont and the Au-rich Horne deposits within the Noranda district (Gibson and Watkinson 1990; Kerr and Gibson 1993, Gibson and Galley 2007) and the Au-rich Laronde Penna Deposit within the Doyon-Bousquet-LaRonde district (Dubé et al. 2007; Mercier-Langevin et al. 2007a, 2007b). Five deposits are recognised as some of the largest Au-rich VHMS deposits in the world (McNicoll et al., 2014). Goutier et al. (2009) determined that the Lower BRG (Hébécourt Formation) hosts the Horne and Quemont deposits and the upper BRG hosts the bulk of the deposits in the Noranda and Doyon-Bousquet-LaRonde districts. The implication is that there were several stages of VHMS deposit formation within the BRG.

Esson and Lucuyer (1990) state that:

> "*The Noranda district has the domal structure of a submarine volcanic shield complex, centrally developed around a remnant magma chamber represented by the Flavrian and Lake Dufault plutons and built up by felsic, intermediate and mafic flows and pyroclastic rocks. In the central portion of the area felsic volcanic rocks occur in roughly equal proportions to mafic members, but decrease in abundance to the north, east and west. The volcanics and associated metagabbros are intruded by three large granitic bodies of Archean age: the Flavrian and Powell plutons and the Lake Dufault granodiorite. Post-dating these igneous events are a swarm of northerly trending Proterozoic (Keweenawan)*

diabase dikes, lamprophyres, and the conglomeratic sediments of the Cobalt series. Regional metamorphism is of lower greenschist grade and therefore the original volcanic textures and fibres are often well-preserved. Rock identification in the vicinity of ore deposits is quite difficult due to strong alteration effects such as silicification and chloritization. Structural geology of the area is complex with extensive faulting and folding rendering stratigraphic interpretation difficult".

There are two known, drill-defined, VHMS deposits within a 7 km radius of the Property. These are the Magusi River Deposit and the past-producing Fabie Bay Mine. Both deposits are considered part of the West Camp, which also includes the past-producing Aldermac 3, 4, and 5 and the unmined Aldermac 7 and 8 deposits (Mercier-Languevin, 2011).

- The ***Magusi River (Fabie Creek, Iso-Magusi) Cu-Zn-Ag-Au Deposit*** is located approximately 5.5 km to the east of the Property and according to Esson and Lecuyer (1989) consists of a complex 520 m (1700 ft) long massive sulphide body with a downdip extent of at least 400 m (1300 ft). The deposit strikes roughly east-west and dips south at about 50°. The western 300 m of the deposit contains all known resources and averages of about 15 m in thickness, but can reach 35 m thickness locally. To the east this thicker portion of the deposit tapers abruptly to a narrow tail averaging less than 3 m thick that continues along strike for at least another 200 m.

  The Magusi River Deposit is thought to be a distal phase of the Fabie Bay Deposit located about 1220 m (4000 ft) to the east. The deposit footwall consists primarily of mafic volcanic flows, whereas the deposit hangingwall consists of felsic volcanic rocks intruded by quartz-feldspar porphyry sills and some dykes. Roughly conformable, diorite bodies, possibly sills, intrude the host-rocks of the deposit. The deposit is contained within rocks that are sheared and altered to sericite and chlorite schists with some talc and quartz.

  A non-NI 43-101-compliant resource calculated for Deak Resources Corporation (Esson and Lecuyer, 1989) contained ***1,860,000 tons at 5.5% Zn, 1.6g/t Au and 4,000,000 tons at 1.28% Cu, 3.06% Zn***. A later, updated resource estimate was calculated in 2012 by Roscoe Postle Associates Inc. for Globex Mining Inc. and Mag Copper Ltd. using NI 43-101 requirements; however, the resulting estimate was not reviewed by a Qualified Person and is, therefore, not NI 43-101-compliant. That resource was calculated to be 1,309,000 t, indicated, grading 4.12% Zn, 1.99% Cu, 42.8 g/t Ag, and 1.27 g/t Au and 355,000, inferred, grading 0.39% Zn, 3.41% Cu, 24.2 g/t Ag, and 0.26 g/t Au (website: https://www.globexmining.com/property).

  All of the massive sulphide comprising the deposit contains Cu, Zn, Au, and Ag with the better values near the western end and along the footwall of the deposit. There are some scattered disseminated sulphides within the schists adjacent to the massive sulphide body, but metal values within the schist are low (website: https://www.globexmining.com/property).

Cautionary statement: Investors are cautioned that the potential quantity indicated above is not NI 43-101 complaint and has not been verified by the author and may not be indicative of *the property that is the subject of this report. It has been provided only for illustration purposes. At this time, there is insufficient public information to verify the information.*

- The past-producing ***Fabie Bay (Fabie Bay, Hébécourt, New Insco) Cu-Au Mine*** is located about 7 km east of the Property and was partially-mined as a combined open pit/underground operation by Noranda Mining between 1975 and 1976 and again in 2007 and 2008 by First Metals. The deposit is reported by Mercier-Languevin (2011) to contain a non-NI 43-101-compliant resources of ***0.46 Mt at 2.53% Cu, 0.02 g/t Au, and 1.23 g/t Ag***. It comprises a conformable massive sulphide lens striking east northeast for ~90 m (300 ft) and extending about 180 m (600 ft) at 70^{o} down-dip to the south. The massive stratiform sulphide deposit, as summarized below on the Globex Mining Ltd. website (https://www.globexmining.com/property) is composed of about 30% massive, fine grained pyrrhotite (po), 5% disseminated, finely banded chalcopyrite (cp), and 25% pyrite (py) with about 30% of the massive po oxidized to py. Sphalerite (sp) and galena (gn) make up less than 1% of the sulphides. The deposit is enveloped by broad zone of 1 to 10% disseminated py anomalous in Cu and Zn.

  The deposit occurs within overturned, relatively undeformed, pillowed mafic flows, breccias, and tuffs. It stratigraphically overlies, and is partially interbedded with, a heterogeneous, felsic volcaniclastic sequence hosting most of the associated alteration zone. The contact between the massive sulphide body and the enclosing volcanic rocks is sharp but irregular.

  A disseminated py-po-cp-rich siliceous zone, primarily composed of granular quartz, with lesser amounts of sulphide and carbonate, is intercalated and broadly conformable along the stratigraphic hanging wall of the deposit. This zone contains about the same amount of Cu as contained within the massive sulphide body.

Cautionary statement: Investors are cautioned that the potential quantity indicated above is not NI 43-101 complaint and has not been verified by the author and may not be indicative of the property that is the subject of this report. It has been provided only for illustration purposes. At this time, there is insufficient public information to verify the information.

There are 6 mineral occurrences with possible VHMS affinity located within 4 km of the Property (Figure 14). The descriptions of the occurrences were obtained from summaries and assessment documents available from the Québec Government website at https://sigeom.mines.gouv.qc.ca. The descriptions obtained from this documentation are not always detailed enough to make useful, or accurate interpretations of their true mineralization style. The occurrences are:

- ***The TA-89-01 (Tagliamonte Project) Occurrence*** is located about 550m east of the Property and is considered by the Québec government to be an Ag occurrence. It is unusual because it consists of Ag-Pb-Zn veins within chloritized and sericitized, fragmental to massive to locally sheared, amygdaloidal andesite (possibly mafic) flows and pyroclastic rocks. This is not an orogenic Au-related occurrence (it contains no Au), but may be VHMS stringer zone-related. DH TA-89-01), drilled in 1989, intersected schistose, chloritized, weakly sericitized andesite containing 50% irregular quartz-carbonate veins that graded ***6.50 g/t Ag/1.8 m (5.9 ft***). The west-southwest to east-west-striking, regional BFSZ (Thibault, 1960, 1961), is associated with, and possibly may have crosscut or deformed this mineralization. The BFSZ passes near the Magusi River and Fabie Bay Mine VHMS deposits (and may have had an effect on them) as well as the Hébécourt SO Au Occurrence, described below.

- ***The Lac Monsabrais-SO Occurrence*** is located 2.25km north-northeast of the Property and consists two, probably related types of mineralization discovered in 1959 by Nealon Mines Limited. The first type consists of narrow, <5 to 60cm (a few inches to 2 ft) wide, cp-bearing quartz veins within narrow shears crosscutting the Monsabrais Pluton. These veins contained only low-grade Cu values. The second type consists of cp, py, and po occurring within strongly chloritized breccia zones within intermediate metavolcanic flows within a fault (?) near the nose of a later fold. Both types of mineralization may be VHMS-related and occur along subparallel, apparently related, fault zones that cut both the volcanic and granitoid rocks. Analyses obtained from the breccia-related mineralization graded up to ***7.3 % Cu and 78.9 g/t Ag***.
- ***The Lac Monsabrais-OSO Occurrence*** is located 1.90 km north-northeast of the Property and about 820m west of the Lac Monsabrais SO Occurrence. As above this occurrence was discovered by Nealon Mines in 1959. The mineralization at this location occurs as two 610 m-separated zones comprising narrow cp-py-po-bearing quartz veins within narrow shears crosscutting the Monsabrais Pluton and striking 040°. The mineralization here is similar to the vein type of mineralization observed at the Lac Monsabrais SO Occurrence, but with the addition of py and po within the veins.
- ***The Magusi River-SO Occurrence***, located 4km east of the Property, consists of mineralization intersected in two holes drilled by Noranda Exploration Co. Ltd. in 1990. The two closely-spaced mineralized intervals consisted of strongly chloritized to variably sericitized alteration zones within usually weakly altered intermediate metavolcanic tuffs containing disseminated cp, py, and sp. Analyses of drill core obtained grades of ***0.93% Cu, 0.58% Zn, and 11.5 g/t Ag/0.49 m and 0.83% Zn/1.50m***.
- ***The MPSH86-4 and MNPH86-9 Occurrences*** were discovered in 1986 during diamond drilling completed west of the Property by ***Midnapore Resources Inc.***
    - ***The MPSH86-4 Occurrence*** was discovered at the end of a 5-hole program that tested a reportedly Au-bearing, generally east-west-striking shear zone flanking the hangingwall diorite to the north. The westernmost 4 holes tested a variably brecciated, pervasively chloritized and sericitized, weakly mineralized, locally quartz-carbonate-brecciated shear zone that intersected only low-grade Au values. The fifth hole, DH MPSH86-4, was drilled 1600 ft (490 m) to the east of the other holes about 245 ft (75 m) west and 665 ft (200 m) south of the northwest corner of the present Property. This hole tested the extension of the same shear zone where it was coincident with a Turam anomaly detected during a 1975 survey. The hole intersected ***1.32% Cu and 0.11% Zn/1 ft (30 cm)*** and localized anomalous Au from a narrow, massive chalcopyrite vein within sheared, altered diorite. This intersection defines a Cu-(Zn±Au) occurrence (albeit a narrow one), that is not designated in the SIGÉOM database, and is

contained within a variably mineralized structure that trends onto the present Property.

- ***The MNPH86-9 Occurrence*** was discovered after Midnapore completed an IP-EM survey that was followed up by another 8 drill holes (5171 ft or 1575 m). One hole (MNPH86-6), located ~1220 m west of the Property (Figure 14), intersected ***1.74% Zn/1.5 ft (0.45 m)*** within sheared and altered hangingwall diorite containing 2 to 5% disseminated py, po, and sp. This intersection also classifies as an unrecorded occurrence along an altered and mineralized structure possibly trending onto the Property.

7.3.2 *Orogenic Gold*

As stated in Section 7.1.1, above, the BRG is bound on the north and south by the transcurrent, crustal-scale Porcupine-Destor (PDF) and Larder Lake-Cadilac (LLCF) faults, respectively, and by the La Pause fault zone (LPF) along its northeast margin. The PDF and LLCF are complex structural systems that act to focus Au mineralization associated with flexures and bends within the main fault systems that are further associated with a complex series of subsidiary and splay faults which usually act as deposition sites for Au mineralization. Bedeaux et al. (2018) state that Au deposits are not uniformly distributed along major faults due to complex (and long-debated) interactions between seismicity, hydrothermalism, and structural heterogeneities.

Dozens of large and small Au deposits and hundreds, if not thousands of Au occurrences are present along the length of the PDF and LLCF (website: https://sigeom.mines.gouv.qc.ca). This mineralization is not evenly distributed along the 2 fault systems, but tends to concentrate in clusters where the host rock is properly prepared and the local structures are consistent with an extensional regime. The majority of the deposits associated with the ~200 km long PDF are located in Ontario, whereas most of the deposits associated with the ~250 km long LLCF occur in Québec.

There is a close association between Au mineralization, the PDF, the LLCF, and the sedimentary and volcanic rocks of the Neoarchean Temiskaming Group. The Temiskaming Group rocks acted as sedimentary and volcanic infill of grabens formed by down-drop along the ancient PDF and LLCF and consists of conglomerates, sandstones, siltstones, argillite, chert, iron formations, and trachytic and phonolitc lavas, agglomerates, and tuffs.

The BRG is thought to host at least 39 producing and past producing Au mines (website: https://sigeom.mines.gouv.qc.ca), and hundreds of unmined deposits, prospects and occurrences. Of these 39 mines at least 19 are Au-rich or Au-bearing VHMS deposits including the Horne, Quemont, and Bousquet 1 and 2 mines.

The only Au deposit known to be located near the Property occurs just outside, but not within the Blake River Group. This is the past-producing Beattie Gold Mine, near the town of Duparquet. It is located approximately 16.8 km to the northeast of the Property.

- The ***Beattie Au Mine***, which was active between 1933 and 1956, occurs near the north margin of the PDF within a syenite body intruding the Duparquet Formation of the rocks of the northern Timiskaming Group.

An NI 43-101-compliant resource estimate of the Beattie Mine for the Duparquet Gold Project of First Mining Gold Corp. (InnovExplo, 2014; Bigot and Jébrak, 2015); is ***60.9 Mt, measured and indicated at 1.59 g/t, and 29.7 Mt at 1.51g/t inferred*** for a total of 3.1 million contained ounces (Moz) from Measured and Indicated resources and 1.4 Moz from Inferred resources.

Bigot and Jébrak (2015) describe the Beattie Au deposit as consisting of two styles of gold mineralization, one lithologically-controlled and the other structurally-controlled. The lithologically-controlled mineralization is contained within a syenite intrusion and is associated with iron carbonate and sericite alteration. This style of mineralization is low grade (1–2 g/t Au) and associated with disseminated arsenian py and arsenopyrite (asp). The structurally-controlled mineralization is contained within fault zones within and marginally adjacent to the syenite. This style of mineralization is relatively high-grade (5 g/t Au) and is contained within a silicified breccia exhibiting hydraulic and tectonic features, and cherty and polymetallic veins.

The initial stage of deposit formation consisted of hematite alteration via deuteric oxidation followed by a second formational stage consisting of a shift towards reducing conditions triggered by the introduction of CO_2-rich hydrothermal fluids. This led to sulfide precipitation and Au deposition in As-rich py and asp. A later-stage silica-rich alteration event produced sulfide brecciation and Au remobilization into microfractures within brecciated pyrite. This event also enriched the deposit in Te, Hg, Mo, As, Au, Se, Ag, and Sb.

There are 3 mineral occurrences with Orogenic Au affinity within 4 km of the Property. Information describing the occurrences below was obtained from summaries and assessment documents available from the Québec Government SIGÉOM website. As mentioned previously the descriptions obtained from this documentation are not always detailed enough to make useful, or accurate interpretations of their true mineralization style. The occurrences are:

- ***The Hébécourt-SO Occurrence*** consists of Au mineralization discovered in 1935 about 375 m (1230 ft) west of the Property. The occurrence is associated with a distinct, up to 6.1m (20 ft) wide, silicified and carbonatized shear zone that crosscuts intermediate intrusive rocks (diorite). The altered shear zone is mineralized with trace to 5% finely disseminated py, po, and trace cp and is host to an east-west-striking, 35^{o} south-dipping, 30 to 90 cm (1 to 3 ft) wide, approximately 120m (400 ft) long quartz vein containing coarse visible Au grains and also containing finely disseminate py, po, and cp. This mineralized shear zone strikes directly towards, and possibly into, the Property. This occurrence is located about 450 m north of the steeply south-dipping, regional BFSZ (Thibault 1960, 1961) and the shear zone associated with the occurrence may be a splay from the BFSZ.
- ***The Lac Fabie Nord Occurrence***, located 3.5 km southeast of the Property, consists of mineralization discovered by Explorations Rambo Inc. during prospecting, channel sampling, and diamond drilling between 1986 and 1988. Prospecting samples taken in 1986 graded ***1.03 to 2.09 g/t Au***; 1987 channel sampling intersected ***1.2 g/t Au/0.9m and 1.4 g/t/1.0 m***; and three 1988 diamond drill holes (461 m) intersected up to ***3.00***

g/t Au in DH LF88-2. The mineralization occurs within a felsic feldspar porphyry containing fine quartz stringers and trace disseminated py. Sampling by Trudeau Gold Inc. in 2017 confirmed the 1987 Au values by obtaining ***0.13 to 2.82 g/t Au***.

- ***The Lac Fabie Nord Occurrence West*** is located approximately 200 m west of the Fabie Nord Occurrence and was discovered by prospecting and channel sampling completed by Trudeau Gold Inc. in 2017 while following up the mineralization discovered by Exploration Rambo in 1988. This new occurrence consists of fine- to medium-grained felsic porphyry, with some fractured and altered zones striking at 080^{o}, containing 2 to 5 cm thick, pinkish (hematized) quartz veinlets and 2 to 5% disseminated py. Samples taken from the zone contained between ***0.13 and 2.40 g/t Au***.

7.3.3 *Orthomagmatic Sulphides*

Ni-Cu-PGE-rich orthomagmatic sulphide mineralization is present, but is not common within the Abitibi Greenstone Belt. There are 3 varieties observed.: the most common is Ni-rich, generally massive sulphide mineralization associated with komatiitic flows (the past-producing Marbridge Mine; SIGÉOM); the next most common is massive to disseminated Ni-Cu-dominant mineralization associated with mafic and ultramafic intrusions of a variety of sizes, usually chonoliths/magma conduits (possibly the various Dumont deposits; SIGÉOM); and the least common is PGE-dominant, disseminated sulphide mineralization usually associated with large, often layered, mafic and ultramafic intrusions. Small to minor amounts of Ni, Cu, and platinum-group elements (PGE's) also occur within, or associated with, several VHMS deposits (the past-producing Lac Mattagami and Newbec mines; SIGÉOM). In the Lac Mattagami case (SIGÉOM) the Ni-sulphides are associated with a komatiite flow unit associated with the main VHMS lens of the deposit.

Orthomagmatic sulphide mineralization within the BRG, according to the Québec government SIGÉOM website, consists of only 13 occurrences and one past-producing VHMS mine (Newbec Mine). The Newbec VHMS Mine is located about 38 km east-southeast of the Property and is associated with an unmined, semi-massive to disseminated orthomagmatic sulphide lens located 450 m southeast of the primary VHMS deposit. The lens consists of Cu-rich sulphides with lesser amounts of Ni and PGE that is associated with a synvolcanic mafic intrusion.

There is only one orthomagmatic sulphide occurrence located near the Property:

- The ***Lac Despré Zone A*** is located 3.8 km southwest of the Property and consists of a medium- to coarse-grained gabbroic body, probably a dyke, striking ~040^{o} and crosscutting felsic volcanic flows (possibly dacite). The mineralization, discovered in 1957, consists of variably disseminated po, py, and cp within an up to 40 ft (12 m) wide zone directly adjacent to the northwestern contact of the gabbro with the dacitic volcanic rocks. Surface sampling (grab and channel samples), trenching, and diamond drilling in 1957 and 1973 documented relatively low-grade values of up to ***0.66% Cu and 0.50% Ni***.

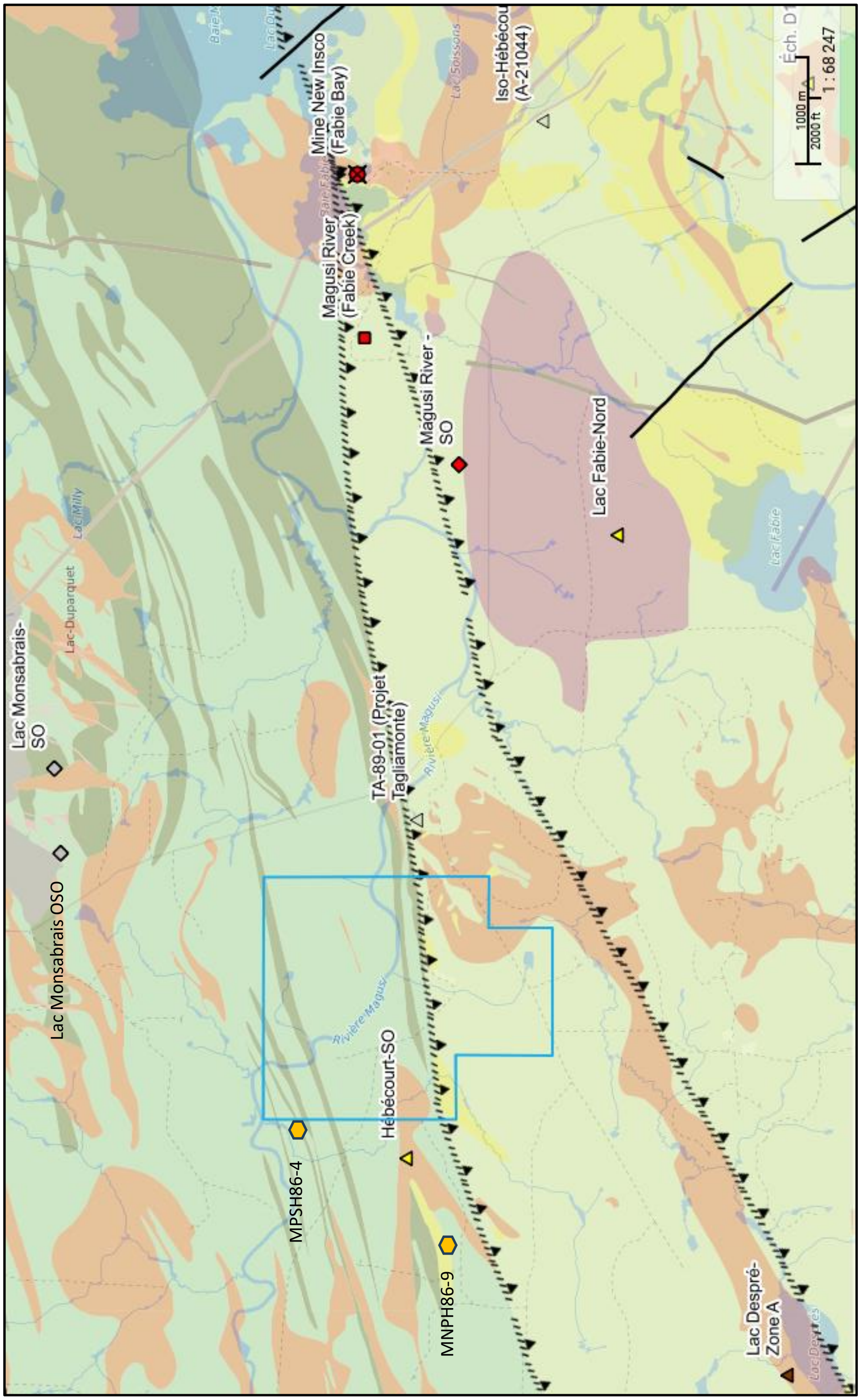

Figure 14: Mineral Occurrence Map for the Magusi West Property area. Triangles and diamonds are SIGÉOM-named occurrences; hexagons are Author-designated occurrences, squares are unmined mineral deposits, and circles overlain by an X are past-producing mines. The geological legend is the same as in Figure 13. Map is a screenshot taken from the SIGÉOM website at https://sigeom.mines.gouv.qc.ca/.

8.0 DEPOSIT MODELS

As mentioned within Section 7.3, above, there are three distinct mineral deposit types present within the Blake River Group of the Abitibi Subprovince that are, or may be applicable to the Magusi West Property. These are: Volcanic-hosted Massive Sulphide (both Cu-Zn-rich and Cu-Au-rich styles); Orogenic Gold (often intrusion-related); and Orthomagmatic Sulphide deposit types. Even though there is an orthomagmatic sulphide type occurrence located about 4 km southwest of the Property, the lack of mafic-ultramafic intrusive rocks or komatiite flows in the immediate vicinity of the Property probably precludes the existence of Ni-Cu-PGE mineralization within or near the Property; however, this does not mean that the deposit type should be ignored, particularly with regard to any later drilling which may intersect mineralized mafic-ultramafic rocks not exposed at surface.

The Noranda Mining Camp, located 38 km southeast of the Property, is one of the largest VHMS-producing districts in Canada and the world, and is host to the typical Cu-Zn-Pb-Ag-rich VHMS deposits (bulk of the deposits of the district) as well as the somewhat atypical Au and Cu-rich VHMS deposits (the Horne and others).

The margins of the Blake River Group within Québec are defined by the very complex Porcupine Destor Fault Zone (PDF) along the north margin, the just as complex Larder Lake Cadillac Fault Zone (LLCF) along the southern margin, and the La Pause Fault Zone (LPF) along the northeast margin. A very large number of orogenic-type Au occurrences, prospects, and deposits (hundreds if not more) are concentrated along and to either side of these complex fault systems, some within the BRG and some outside the BRG. However, not all of the known Au occurrences, prospects, and deposits are directly associated with the 3 bounding fault systems or are of the orogenic type. There are many occurring well within the BRG that are not associated with fault and shear zones related to the PDF, LLCF, or LPF. Also, the BRG is well known for hosting many VHMS deposits that are enriched in non-orogenic gold, some to the point that Au dominates over the usually dominant Zn and Cu with lesser Pb, or Ag.

As described above in the Mineralization Section there are 6 VHMS, 1 orogenic Au-, and one orthomagmatic sulphide-style occurrences within a 4 km radius of the property. There are no defined mineral deposits, producing, or past-producing mines within a 2 km radius of the Property; however, there are 2 defined Cu-Zn-rich VHMS deposits within a 7 km radius and 1 past-producing Orogenic Au deposit within a 20 km radius (all are described above).

The models for the 3 deposit types present near the Property are presented below.

8.1 Volcanic-hosted Massive Sulphides

Galley et al. (2007) write that volcanogenic massive sulphide (VMS) deposits are also known as volcanic-associated, volcanic-hosted, and volcano-sedimentary-hosted massive sulphide deposits. In recent years the term Volcanic-hosted Massive Sulphide (VHMS) has begun to replace VMS as the most common label and because of this VHMS has been used exclusively within this report, except within this paragraph.

Galley et al. (2007), Gibson et al. (2007) and Franklin et al. (2005) write that VHMS deposits typically occur as massive sulphide lenses that form at or near the seafloor in submarine volcanic environments from metal-enriched fluids associated with sub-seafloor hydrothermal convection. The immediate host rocks to mineralization can be either volcanic or sedimentary.

VHMS deposits form at, or near, the seafloor through the focused discharge of evolved, high temperature, metal-rich, sea water-dominated hydrothermal fluids along deep-seated synvolcanic faults (Franklin et al., 1981; Lydon, 1984, 1988; Large et al., 2001a; Franklin et al., 2005; *see* Figure 15). These deposits typically consist of two parts (*see* Figure 16) comprising syngenetic, mound-shaped to tabular, stratabound, in part stratiform semi-massive to massive sulphide bodies (>60% sulphide) usually underlain by discordant to semiconcordant vein-type sulphide mineralization, collectively and commonly referred to as the stinger or stockwork zone. The discordant stockwork systems are usually referred to as “pipes” and are enveloped by alteration halos/zones that can extend into hanging-wall rocks above the mineral deposit.

The most common base metal classification system was first defined by Franklin et al. (1981) and then refined by Large (1992) and Franklin et al. (2005) and subdivides deposits into Cu-Zn, Zn-Cu, and Zn-Pb-Cu groups according to their contained ratios of the three metals. Morton and Franklin (1987) further defined the Canadian Cu-Zn and Zn-Cu categories for Canadian deposits into Noranda and Mattabi types, respectively, by taking into account the nature of their host rocks (mafic vs. felsic, effusive vs. volcaniclastic) and their characteristic alteration mineral assemblages (chlorite-sericite dominated vs. sericite-quartz ± carbonate-rich). Large (1992) added the Zn-Pb-Cu category to more fully represent deposits occurring in Australia. Barrie and Hannington (1999) suggested a five-fold grouping, later modified by Franklin et al. (2005), that classifies VHMS deposits by host lithology including all strata within the host succession defining a distinctive time-stratigraphic event. The five groups comprise bimodal-mafic, mafic-backarc, pelitic-mafic, bimodal-felsic, and felsic-siliciclastic. A sixth group comprising hybrid bimodal felsic was added to represent a cross between VHMS and shallow water epithermal mineralization (taking into account Au-rich systems). These lithologic groupings generally correlate with different submarine tectonic settings. Their order reflects a change from the most primitive VHMS environments, represented by ophiolite settings, through oceanic rifted arc, evolved rifted arcs, continental back-arc to sedimented back-arc.

The model illustrates the main elements considered essential to the formation of VHMS hydrothermal systems, described below (taken almost verbatim from Gibson et al., 2007):

1. A subvolcanic heat source sometimes manifested by large, sill-like, synvolcanic hypabyssal intrusions to initiate, drive and sustain the necessary long-lived, high temperature hydrothermal system (Cathles 1981; Cathles et al., 1997).
2. A high-temperature reaction zone that forms through the interaction of evolved seawater with volcanic and sedimentary strata where metals are “leached” from the rocks.
3. Deep penetrating, synvolcanic faults that focus recharge and discharge of metal-bearing hydrothermal fluid.

4. Footwall and hanging wall alteration zones that are products of the interaction of near surface strata with mixtures of high-temperature ascending hydrothermal fluid and ambient seawater.
5. The massive sulphide deposit that formed at or near the seafloor and whose metal content was refined by successive hydrothermal events.
6. Distal products, primarily exhalites, that represent a hydrothermal contribution to background sedimentation.

VHMS deposits are polymetallic and are major sources of not just Zn, Cu, Pb, Ag, and Au, but are also significant sources of Co, Sn, Se, Mn, Cd, In, Bi, Te, Ga, and Ge, and in some cases contain significant As, Sb, and Hg.

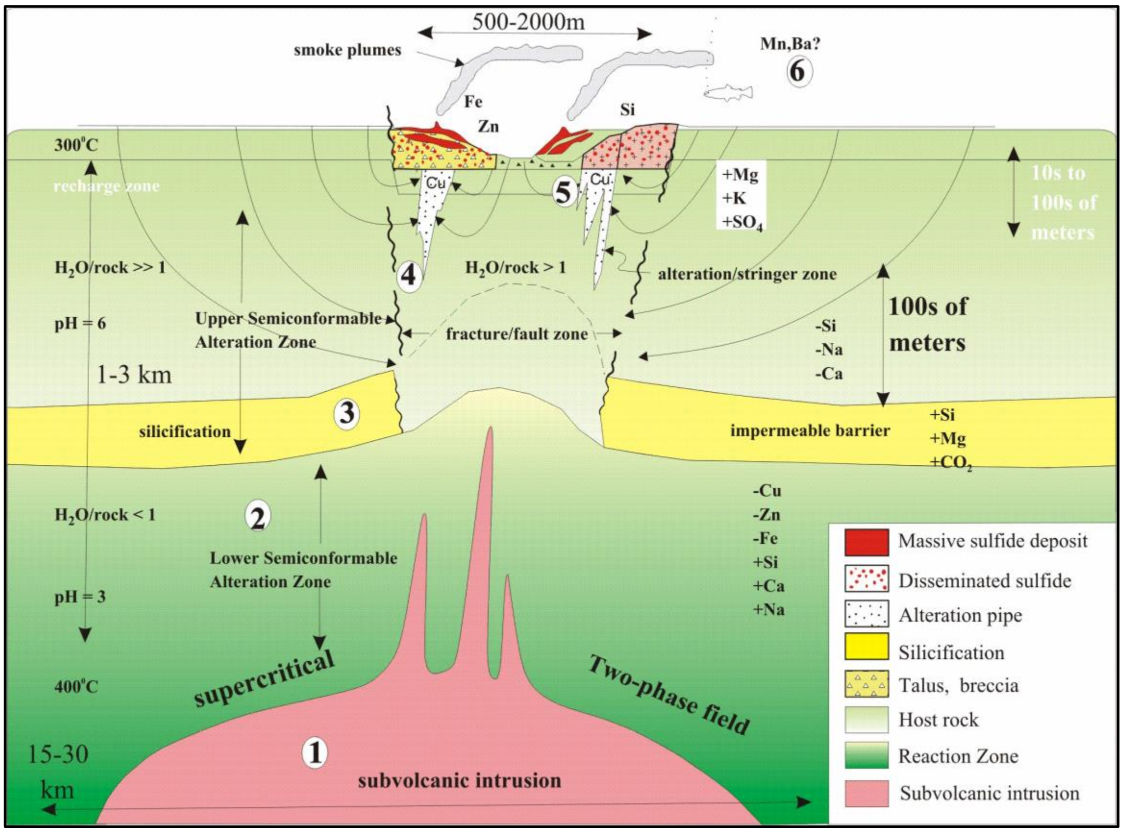

Figure 15: Generalized VHMS System Cross-section. A schematic illustrating the relationship between subvolcanic intrusions, sub-seafloor alteration, synvolcanic faulting, and the generation of VMS deposits; taken from Gibson et al. (2007).

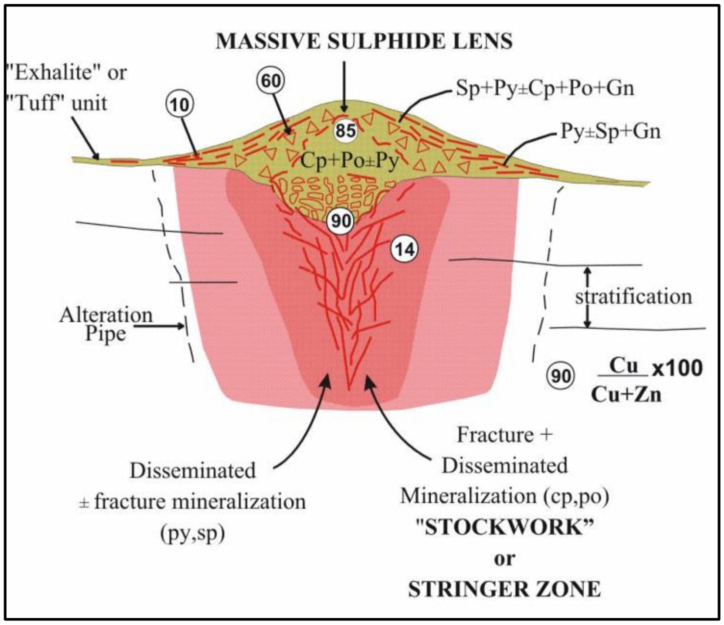

Figure 16: Idealized VHMS Deposit showing a stratiform lens of massive sulphide overlying a discordant stringer sulphide zone within an envelope of altered rock (alteration pipe). Base metal zonation indicated by numbers in circles with the highest numbers Cu-rich and the lower numbers more Zn-rich (Py = pyrite, Cp = chalcopyrite, Po = pyrrhotite, Sp = sphalerite, and Gn = galena; taken from Gibson et al. (2007).

8.2 Orogenic Gold

It is difficult to properly define an exploration model for Orogenic Gold Systems (OGS) due to the many, often conflicting, theories for OGS development. The Author decided to let Mathieu (2021) summarize the 3 main styles of Au mineralization within the AGB and then use the Mineral Systems approach (Groves et al., 2020) to describe an Orogenic Gold Deposit Model. The mineral systems approach is beginning to be more widely used, particularly in Australia.

Mathieu (2021) states that Au mineralization occurs in a variety of contexts in the AGB, including orogenic gold systems (OGS), magmatic-hydrothermal systems (i.e., porphyry), and Au-enriched VHMS (i.e., the Horne). Most greenstone belt gold is OGS-related and consists of structurally controlled deposits formed by the circulation of fluids produced by metamorphic devolatilization of associated supercrustal and other rocks (Phillips and Powell, 2010). The association between Au mineralization and small-volume felsic intrusions has long been recognized in the AGB and the spatial association with alkaline magmatism is well documented. Mathieu (2021) further states that the very Au-endowed AGB contains several Au and Cu-Au porphyry deposits formed during the ~100 My magmatic phase that ended at ca. 2.70 Ga prior to the main deformation phase. In addition, the AGB contains pre- to syn-deformation (ca. 2.70–2.65 Ga) magmatic-hydrothermal deposits, generally referred to as syenite-associated, or intrusion-related systems, which are not to be mistaken for reduced intrusion-related gold systems which are post-collisional polymetallic deposits associated with reduced magmas (i.e., Fort Knox Deposit, Alaska). The AGB intrusion-related gold systems (IRGS) are usually associated with small-volume intrusions emplaced along crustal-scale faults into the upper crust. These faults also channelize metamorphic fluids and result in a common spatial association of IRGS and OGS deposits. There is also a temporal association, as both systems formed during the syntectonic period, with IRGS being generally older than OGS. Some OGS deposits may form within competent units, such as felsic intrusions, to form intrusion-hosted deposits. In addition, OGS and IRGS may overprint each other. Multiple gold enrichment events are common and may be a requirement for the genesis of large deposits. Part of the gold mineralization of the Abitibi greenstone belt may thus correspond to the multistage mineral systems approach.

The mineral systems approach to an orogenic gold model (Groves et al., 2020) states that "*concept-based orogenic gold exploration requires a scale-integrated approach using a robust mineral system model*". In their view other orogenic gold hypotheses involving near-surface or magmatic-hydrothermal fluids are no longer valid when compared to coherent global mineral systems which require only two realistic sources of fluid and gold:

1. Devolatilization of a subducted oceanic slab with its overlying gold-bearing sulphide-rich sedimentary package; or
2. Release from mantle lithosphere that was metasomatized and fertilized during a subduction event, particularly adjacent to craton margins.

Groves et al. (2020) further state (verbatim) that:

> *"In this model, CO2 is generated during decarbonation and S and ore-related elements released from transformation of pyrite to pyrrhotite at about 500^{o}C. This orogenic gold mineral system can be applied to conceptual exploration by first identifying the required settings at geodynamic to deposit scales. Within these settings, it is then possible to define the critical gold mineralization processes in the system: fertility, architecture, and preservation. The geological parameters that define these processes, and the geological, geophysical and geochemical proxies and responses for these critical parameters can then be identified. At the geodynamic to province scales, critical processes include a tectonic thermal engine and a deep, effective, fluid plumbing system driven by seismic swarms up lithosphere-scale faults in an oblique-slip regime during uplift late in the orogenic cycle of a convergent margin. At the district to deposit scale, the important processes are fluid focussing into regions of complex structural geometry adjacent to crustal-scale plumbing systems, with gold deposition in trap sites involving complex conjugations of competent and/or reactive rock sequences and structural or lithological fluid caps. Critical indirect responses to defined parameters change from those generated by geophysics to those generated by geochemistry with reduction in scale of the mineral system-driven conceptual exploration."*

They then describe the model (with some necessary repetition):

> *"Any mineral system has to be anchored by the fundamental Earth processes incorporated in geodynamics, fertility, architecture and preservation. For orogenic gold systems, fertility is inexorably linked to subduction, so that geodynamics and fertility parameters are both related to convergent margin tectonics. Fertile gold fluids are either directly related to devolatilization of the subducted slab and overlying sediment wedge, or indirectly related to reactivated mantle lithosphere previously metasomatized by such fertile subduction-related fluids. The first-order components of the orogenic gold system architecture are lithosphere-to-crust-scale faults or shear zones capable of delivering a focussed flux of auriferous fluid to the crust during seismic activity, preferably to crustal levels equivalent to the ductile-brittle transition. Within the crust, fluid is further focussed into spaced damage zones, normally jogs or flexures in the first-order fluid channels via injection-driven swarm seismology. Here, the fluid migrates along pressure gradients to lower-order, interconnected*

structures with repetitive architectures, related to critical controls such as fault arrays, locked-up anticlinal hinges, or anomalous configurations of igneous intrusions. Conjunctions of these parameters produce the world-class to giant deposits. At these structural sites, depositional traps and caps connected to favourable fluid pathways are controlled by rheology and geochemical contrasts between rock units in the host rock sequences. The deposits normally survive exhumation and erosion because of their deep crustal formation and extensive vertical extent, and, in the case of Precambrian deposits, the formation of thick buoyant lithosphere soon after gold mineralization. It is only the period from the Mesoproterozoic to early Neoproterozoic that is largely devoid of orogenic gold deposits. From an exploration viewpoint, the orogenic gold system model provides a hierarchical framework for target generation. Ancient convergent margins can first be recognized from a number of geological and geophysical proxies. Strike-extensive faults that extend to the Moho can be best identified as aeromagnetic lineaments in poorly-explored terranes, or as magneto-telluric anomalous zones in more mature terranes. They may also have deeply-sourced intrusions, such as lamprophyre dykes along them. The wide range of structural and stratigraphic traps related to interconnected lower-order structures can be recognized by repetitive structural geometries derived from both geological and geophysical data. Gravity "worms" and gradients may be particularly diagnostic. Locations within these geometries that comprise rock sequences with the required rheological and geochemical characteristics to represent traps and caps can then be identified as specific exploration targets. These are likely to have a multi-element geochemical footprint if a significant deposit exists at the target site."

8.3 Orthomagmatic Sulphides

Naldrett (1999) states that:

"*Magmatic sulphide deposits form as the result of segregation and concentration of droplets of liquid sulphide from mafic or ultramafic magma, and the partitioning of chalcophile elements into these from the silicate melt. Sulphide saturation of a magma is not enough in itself to produce an ore deposit. The appropriate physical environment is required so that the liquid sulphide mixes with enough magma to become adequately enriched in chalcophile metals, and then is concentrated in a restricted locality so that the resulting concentration is of ore grade*."

Naldrett et al. (1990) subdivided magmatic sulphide deposits into Ni-Cu dominant (sulphide-rich) and the PGE-dominant (sulphide-poor) groups that occur within several tectonic settings:

1. ***Synvolcanic*** (largely Archean): Mafic-ultramafic bodies within this class consist of distinct komatiitic and tholeiitic classes. The komatiitic class is almost always volcanic. The tholeiitic class consists of the *picritic* and *anorthositic subclasses* which include the Pechenga (Russia) deposits and the Montcalm (Ontario) deposit, respectively;
2. ***Rifted Plate Margins:*** Which include the Thompson and Raglan Ni camps of the Circum-Ungava Belt and the Penikat Intrusion of the Kemi-Koilismaa Belt;
3. ***Cratonic Areas:*** Cratons can host *flood-basalt*-related intrusions which include Noril'sk-Talnakh (Siberia), the Duluth Complex (Minnesota), and the Crystal Lake Gabbro (Ontario) or *large stratiform complexes* such as the Sudbury Igneous Complex (Ontario), the Bushveld Complex (South Africa), the Stillwater Complex (Montana), the Lac des Iles Complex (Ontario), and the Great Dyke (Zimbabwe); and
4. ***Orogenic:*** which includes the Moxie and Katahdin Intrusions (Maine).

Ni-Cu-dominant magmatic sulphide deposits comprise large, rich concentrations of coarsely disseminated, net-textured, semi-massive to massive Ni-Cu sulphides that generally occur at, near, or below the base of the host intrusion. Good examples of this are the Noril'sk-Talnakh, Voiseys Bay, Sudbury, and Thompson deposits. The Noril'sk-Talnakh, Voiseys Bay, and Thunder Bay North Complex deposits are also examples of conduit-related deposits, which tend to be richer in metals than many other examples of this group.

PGE-dominant magmatic sulphide deposits comprise low concentrations of disseminated, PGE-rich, Cu-Ni sulphides (generally <3% total sulphides) and primarily occur as stratabound and non-stratabound types. The stratabound-, or 'reef'-type is always associated with layered intrusions and is usually, but not always, associated with a mineralized rock layer exhibiting distinctive mineralogy or texture. The Merensky Reef of the Bushveld Complex and the J-M Reef of the Stillwater Complex are prime examples of reefs associated with distinctive rock units. The Main and Lower Sulphide zones of the Great Dyke, Zimbabwe, are reefs not associated with a specific mineralized rock layer and occur as discreet zones within a much more extensive bronzitite unit. Some deposits, such as the Lac des Iles and Marathon deposits, are discordant in nature and do not appear to be associated with any specific horizon, rock-type, or layering, although Marathon may have associated conduits.

Deposits of both groups are mafic magma associated and require (Naldrett and Scott, 1992; Naldrett et al., 1999):

1. Saturation and segregation of an immiscible sulphide liquid from the silicate melt;
2. Reaction of the sulphide liquid with a large volume of magma in order to concentrate the Cu, Ni, and PGE's; and
3. Settling and concentration of the Cu-Ni-PGE-enriched, immiscible sulphide liquid into a large enough restricted volume to form an economic deposit. Ni-Cu-dominant deposits generally form nearly massive deposits that concentrate within or near the basal regions of an intrusion (Sudbury, Duluth Complex) or magma conduit (Noril'sk-Talnakh, Voiseys Bay). PGE dominant deposits generally form relatively low-sulphide, disseminated deposits that often concentrate near or within a particular stratigraphic horizon of an intrusion (Merensky Reef, Bushveld Complex; J-M Reef, Stillwater Complex).

The formation of a PGE-dominant deposit does not generally require the addition of external sulphur to the magma; however, the addition of considerable amounts of crustal sulphur is essential to the formation of Ni-Cu-dominant deposits.

The above sequence is not part of the normal fractionation history of mafic magmas and the formation of a deposit requires a trigger to initiate sulphide saturation after a magma ascends through the crust. This trigger could constitute: assimilation of crustal sulphur or silicates within the feeder system or the magma chamber; depressurization of the magma chamber lowering the sulphur solubility within the magma; addition of primitive magma into a fractionating, more siliceous magma chamber leading to turbulent convection, magma mixing, and sulphur saturation; or any combination of the three.

9.0 EXPLORATION

EagleOne Metals Corp. completed field exploration work on the Property between mid-May and mid-October 2023. This work included: linecutting, soil geochemical sampling, and a detailed airborne (drone) magnetometer survey. A total of 301 B-horizon soil samples were taken along cut and flagged gridlines within the portion of the Property located south of the Magusi River. The field team consisted of Rob Reukl an experienced geologist of RJ Reukl Geological Services. Details of the exploration completed on the Property are presented below. The 2023 exploration work completed by EagleOne was in the process of being filed for assessment credit with the Québec Provincial Government at the time of the writing of this report. The value of this exploration will extend the Expiry/Due Dates listed in Table 1 for at least five years to June 27, 2029 and July 26, 2029.

9.1 Linecutting

During the late spring and early summer of 2023 EagleOne, through RJ Reukl Geological Services, contracted the cutting of a reconnaissance grid. The grid consisted of four north-south-oriented gridlines, spaced 700m apart, and two east-west-oriented tie-lines, spaced 1000m apart, for a total of 14,750 m.

9.2 Prospecting and Geological Examinations Summary

Between August 26 and 29, 2023, Rob Reukl of RJ Reukl Geological Services walked all of the cut gridlines looking for outcrop to examine. No outcrop was observed north of the Magusi River. The only outcrops observed were located in the southern and eastern portion of the property south of tie-line 5365700N.

Outcrops exposed in this area are almost exclusively composed of grey-white, fine to medium grained diorite, as described on the Québec government geological maps of the area. Due to its resistance to weathering this diorite is commonly exposed as the large, topographically dominant hills located south and southeast of the Magusi River. A small outcrop of diabase was also observed. Soil samples could not be taken from these outcrop areas and some of the gaps in soil coverage are due to this (*see* below).

The exception to the predominance of diorite are exposures of altered felsic pyroclastic or volcaniclastic rocks exposed within an old gravel pit located west of gridline L614400E at UTM (NAD83, Z17) co-ordinates 614178E, 5365783N. One small outcrop was initially observed on the north side of the pit and two additional small outcrops were exposed using a mattock to remove the thin overburden cover. All three outcrops are slightly different in appearance; however, all appeared to be variations of felsic pyroclastic or volcaniclastic rock. Rhyolite is identified on the Québec government geology map of the area.

The three outcrops vary from a light, buff-grey, felsic volcanic rock, with numerous small (sub 1cm) rusted pyrite knots to a grey-green. banded felsic rock devoid of any mineralization. This area would be a good candidate for a program of outcrop stripping and power washing as the cover in the immediate area appears to be thin (< 30-50cm). The stripping should be followed by channel sampling (*see* Proposed Exploration Program, below).

No rock samples were taken.

9.3 Soil (B-horizon) Geochemical Sampling Program

A soil geochemical survey comprising 301 B-horizon samples (including blanks and duplicates) was completed south of the Magusi River during July and August ,2023. Samples were nominally taken at 25 m intervals, where soil depth allowed, along previously cut grid lines and compass and GPS flagged lines between cut grid lines (*see* Figures 17 to 19, inclusive). No samples were taken from bog, marsh or swamp or the thin soil mantling areas of outcrop. The samples included 7 blanks and 8 duplicates, taken for quality control purposes, which were inserted alternately every 20 samples. Samples K045518 and K045521 were determined by the laboratory to not have sufficient material for analysis. All samples were analyzed for Au, Ag, Cu, and Zn; however, all Ag analyses were below the detection limit of the analytical technique used and will not be discussed further. The Certificates of Analysis for the soil sampling program are presented in Appendix 2 and all samples, including blanks and duplicates and their UTM locations are shown in Table form in Appendix 4.

To better interpret the soil survey results response ratios (RR) were determined for the survey dataset (*see* Table in Appendix 3). This technique can be easily and quickly used for surveys where colour-contoured plots of kriged data are not readily available. The method for determining response ratios is quite simple and, as described in SGS Minerals Technical Bulletin 23 (2005) (https://www.sgs.com/en-ca/services), is as follows:

1. The background levels for the elements Au, Cu, and Zn, were determined using the lowest 25% (quartile) of data;
2. Values containing less than the detection limit for a specific element need to be included in the RR determination and were assigned a value corresponding to 50% of the detection limit
3. After determining the lowest quartile 25% of the data in Item 1, the average of the analytical values was then calculated to determine the background value for Au, Cu, and Zn; all Ag values were less than the detection limit so an RR calculation was not completed for the element.
4. The analysis for each sample was then calculated by dividing each sample value by the predetermined background value for that element (Item 3). The resulting numbers are then rounded down or up to give whole numbers greater than or equal to 1. These whole numbers then become the response ratios.
5. Samples with RR of 2, or less, are low and are considered background samples. Those samples with RR of greater than 5 can be considered anomalous.

9.3.1 B-horizon Soil Sampling Program Results*:*

Examination of the soil survey analytical results (both raw data and response ratios) quickly shows that the values obtained were almost uniformly low. This is most likely due to the sampled surface layer being primarily derived from silt- and clay-rich soil formed from the extensive, unconsolidated glaciolacustrine sediments (often varved clays) deposited by the immense post-glacial Lake Ojibway. This glacial lake covered most of north-central Ontario and west-central Quebec between ~10,500 and ~8450 years before present (BP) at the end of the last ice age (Breckinridge et al., 2012). This lake is thought to have catastrophically drained into the Atlantic Ocean, along with the associated, and probably interconnected, glacial Lake Agassiz (located to the west in northwestern Ontario and Manitoba), at some point after ~8450 BP and before ~8200 BP'. This event caused the largest known Holocene climate deterioration, the "8200 ka cooling event", and resulted in a relatively abrupt global sea level rise of about 3-4 m (Hijima and Cohen, 2010).

A closer examination of the analyses obtained from the Magusi West survey, particularly the response ratios, shows that there are several anomalous clusters of Au data and one cluster with slightly anomalous Cu scattered throughout the Property. All samples with anomalous response ratios (*see* Figures 20 and 21) occur south of the Magusi River and all but 2 anomalous samples occur within the southern and southeastern 30% of the Property. The 19 anomalous Au samples have a RR range between 6 and 62 and both slightly anomalous Cu samples have response ratios of 5. Most of the anomalous samples were taken in proximity to underlying intermediate (dioritic), possibly subvolcanic intrusions adjacent to the regional BFSZ and associated subsidiary structures. Many of the samples occur downslope and/or down-ice from exposed outcrop. Two samples, K045559 and K045563, with Au response ratios of 62 and 6, respectively, were taken along strike from several outcrops of deformed, altered, and rusty felsic to intermediate metavolcanic rocks recently exposed within a gravel pit located 100 to 120 m to the west (*see* Figure 22). A third sample (K045684), with a Au response ratio of 24 and a Cu response ratio of 5, is located ~625 m along strike to the east-northeast of the pit. The other slightly anomalous Cu sample (K045683) with a response ratio of 5 is located 50 m to the south of K045684.

The small, flat outcrops exposed within the gravel pit were observed by the Author during the October 6, 2023 field visit and look like they were recently exposed (within the last 5-19 years). Google Earth Pro satellite photos show that the gravel pit did not exist in 2004, but was present in 2019, thus allowing the time range estimate. The observed rocks consist of deformed, altered, and rusty felsic to intermediate metavolcanic (possibly pyroclastic) rocks that do not appear to have ever been sampled. It is possible that they have never been examined by exploration geologists before being observed by Rob Reukl, the EagleOne consulting geologist (RJ Reukl Geological Services) during the summer of 2023. The outcrops were too flat to allow sampling by the author. This exposure definitely needs follow-up work.

Location maps and analysis map showing the locations of soil survey samples for Au and Cu are shown in Figures 17 and 18. The only anomalous response ratios were obtained were for Au and Cu (Figures 19 and 2)) the determinations for Ag and Zn are not shown in map form. If the reader is interested in the laboratory analyses for Zn and Ag those analyses are available within Appendices 2 and 4.

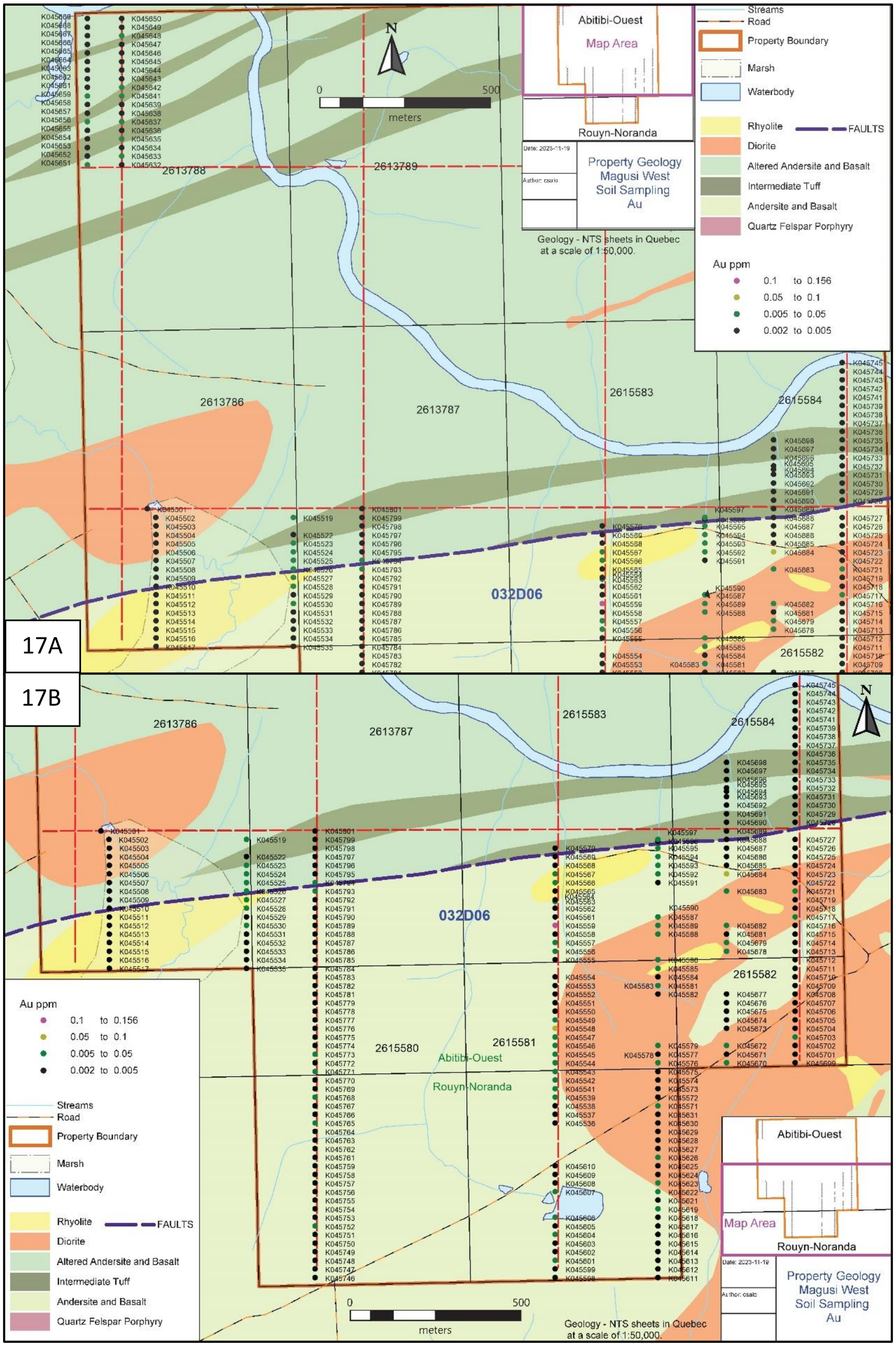

Figure 17: Soil Sample Locations and Au Analyses, A: Northern Map; B: Southern Map.

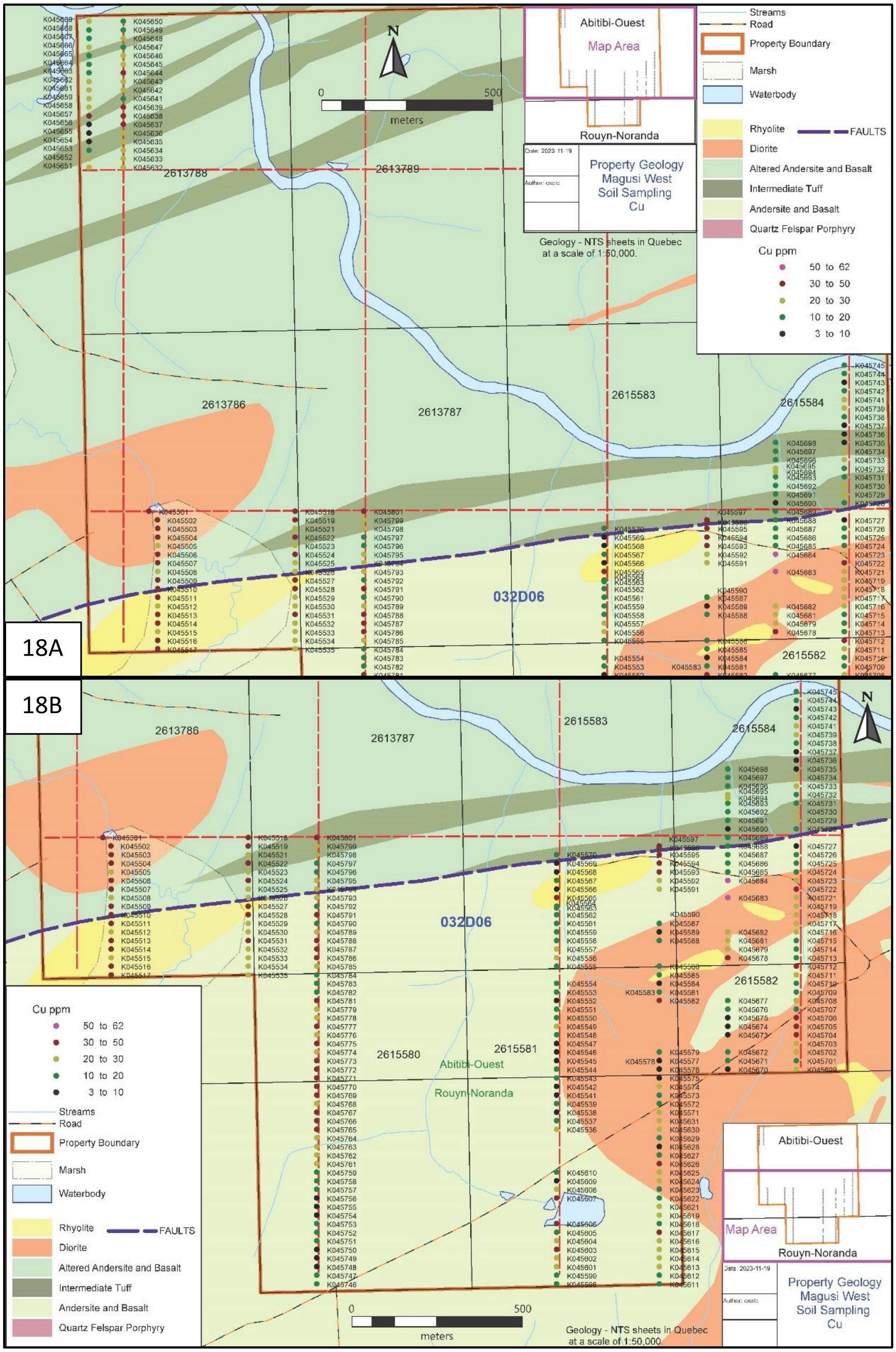

Figure 18: Soil Sample Locations and Cu Analyses, A: Northern Map; B: Southern Map.

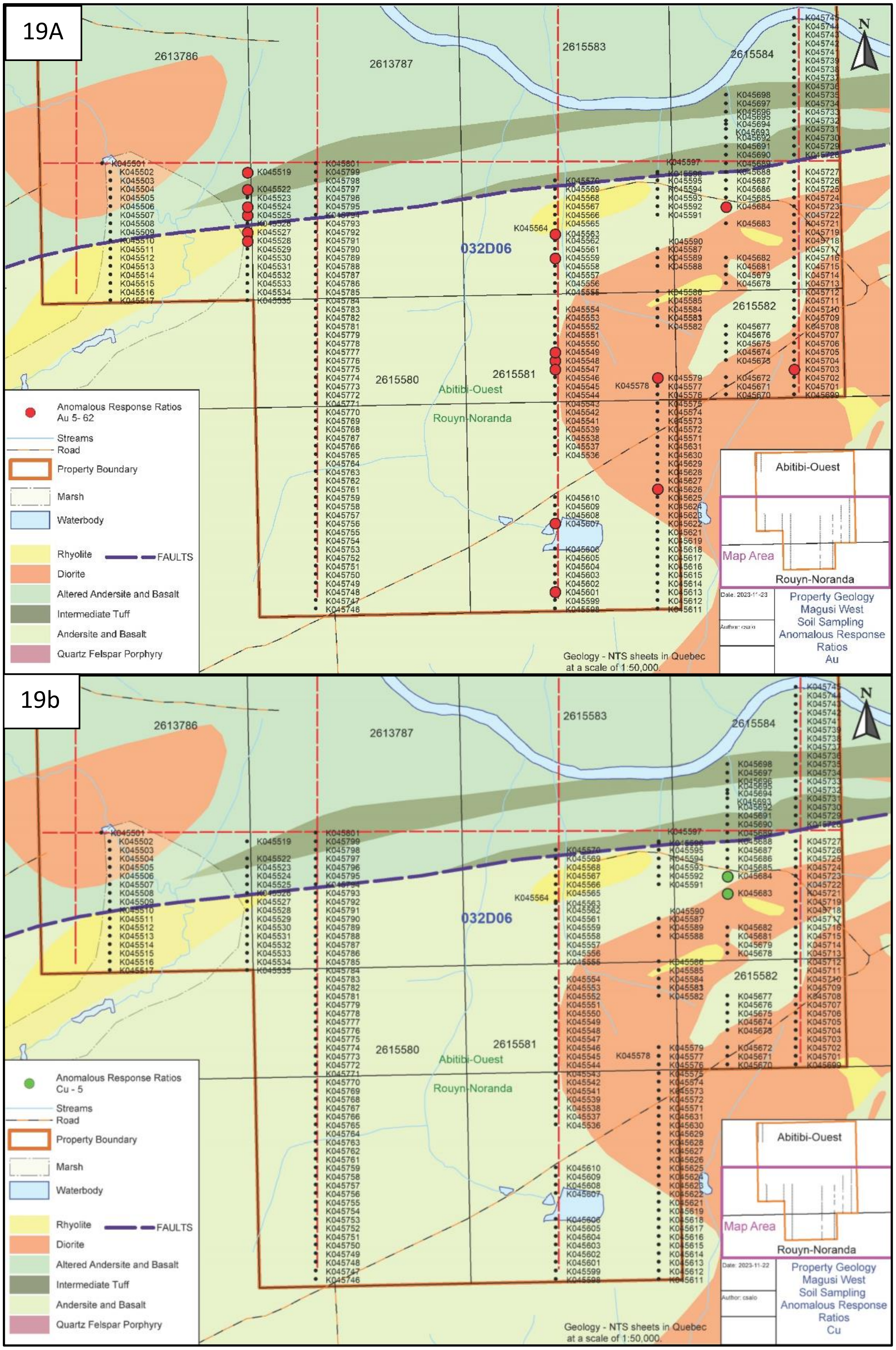

Figure 19: Anomalous Response Ratios Maps. A: Au; B: Cu.

Figure 20: Anomalous Au and Cu Response Ratios Locations, Gravel Pit Cluster, Google Earth Image.

9.4 Airborne (UAV) Magnetic Survey

Abitibi Geophysics ("Abitibi") flew a high-resolution, AeroVision® UAV (drone) airborne magnetic survey over the Magusi West Property on September 9, 2023 using a Devbrio UAV Multirotor drone with the CS-VL magnetometer (*see* Figure 23). The survey is documented by an Abitibi Geophysics 'Logistics and Interpretation Report' (Chemam, 2023) and much of the data and interpretations presented below were taken, modified, or summarized from this report. The survey consisted of 24 north-south-oriented lines (L0+00E to L 23+00E), a nominal ground clearance of 34 m, and a flight line spacing of 100 m (68 line-km; *see* Figures 24 and 25). Chemam (2023) describes the AeroVision® UAV magnetic survey as:

- *"a high-end geophysical survey with unmatched resolution, relying on a ground-breaking flight control system, unique in North America: The AimLow™ navigation and obstacle avoidance system, developed in close collaboration with Devbrio Geophysics, allows us to maintain the lowest achievable altitude throughout the survey, even in the most rugged conditions. With advanced control algorithms the UAV can maintain a constant At Ground Level (AGL) altitude while continuously avoiding occasional obstacles, like higher trees or structures. The resulting data has the resolution of a ground survey, but it is collected with the effectiveness of an airborne survey."*

The geophysical objectives of the survey were:

- *"Processing of magnetic data to provide a high-quality map of the total magnetic intensity, its reduction-to-pole (RTP) and the RTP residual anomaly.*
- *Generating a high-resolution first vertical derivative map and illustrating its effectiveness in locating faults.*
- *Outlining the major tectonic features of the Hébécourt property.*
- *Highlighting the regions of high structural complexity and generating a mineral prospectivity heat map of the Hébécourt property".*

The Author has worked with many airborne geophysical survey datasets over the last 45 years and the data from this survey and the subsequent processing and modeling is of consistently high quality.

Figure 21: Devbrio UAV Multirotor drone with the CS-VL magnetometer used at Magusi West. Photo from the Abitibi Geophysics Logistic and Interpretation Report (Chemam, 2023).

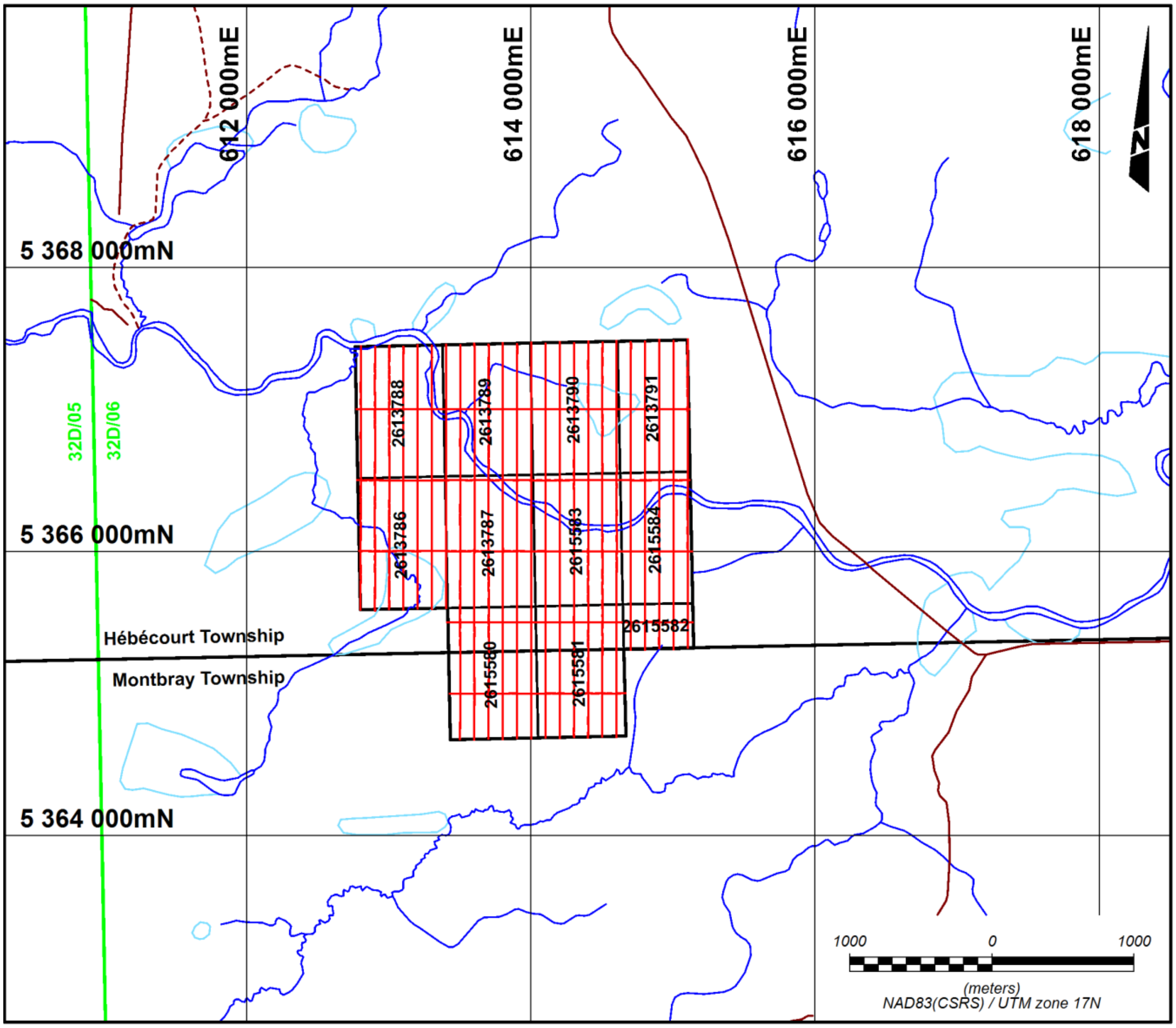

Figure 22: AeroVision® north-south-oriented flight-lines within the Magusi West Property, Hébécourt Project. Map from the Abitibi Geophysics Logistic and Interpretation Report (Chemam, 2023).

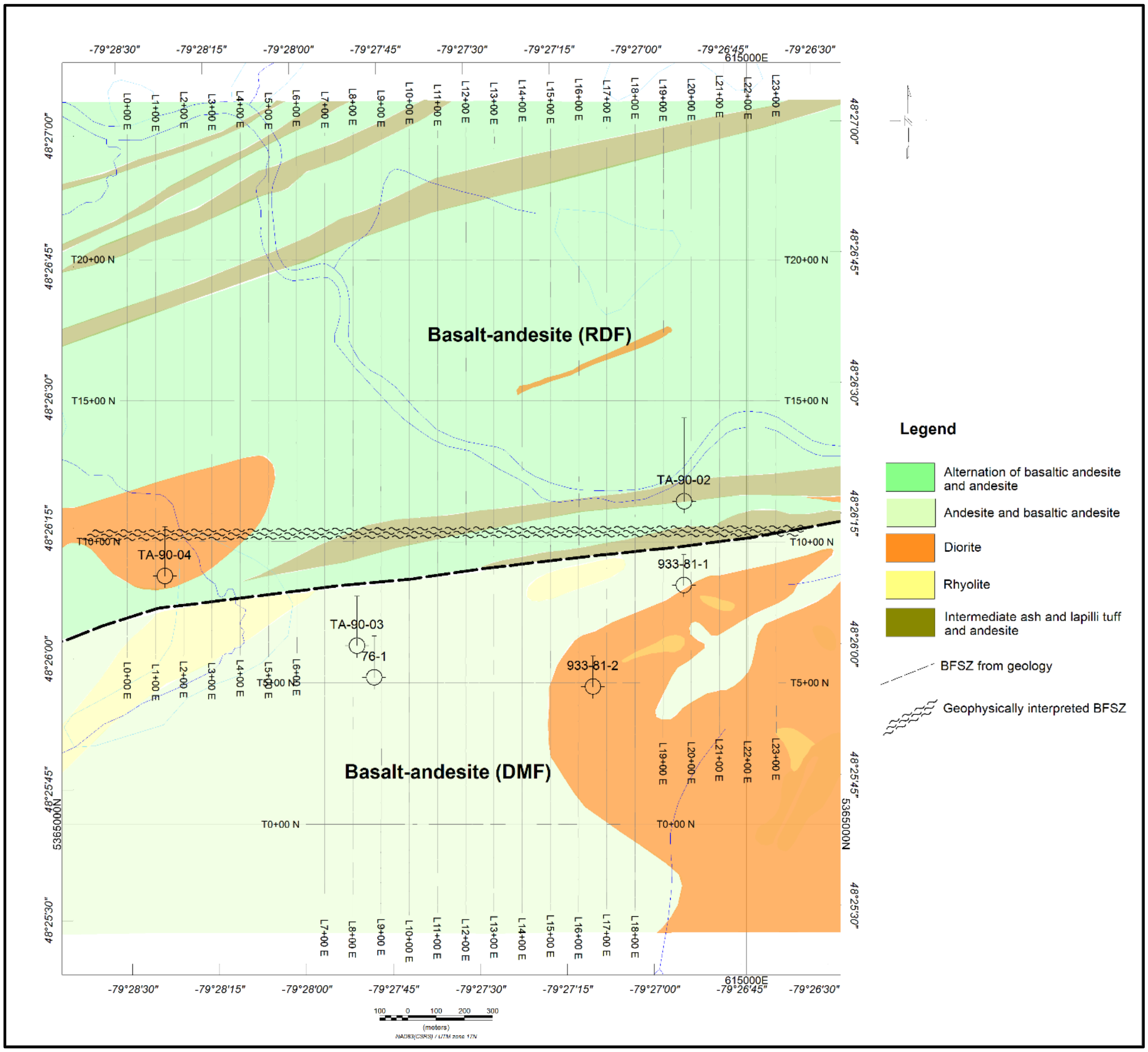

Figure 23: Geology and drill hole compilation map of the Magusi West Property showing the AeroVision® UAV flight-lines and the location of the Baie Fabie Fault Zone. Map from the Abitibi Geophysics Logistic and Interpretation Report (Chemam, 2023).

9.4.1 Geophysical Survey Processing and Results:

Abitibi generated total magnetic intensity (TMI) and reduction-to-pole (RTP) maps from the survey data (*see* Figures 26 and 27) and to further enhance and characterize the magnetic features detected during the survey, calculations were made using the RTP data to prepare residual anomaly and first vertical derivative (1VD) maps (*see* Figures 28 and 29). These calculated enhancements were used to better understand the distribution of magnetic amplitudes, emphasize subtle near-surface geological features, and to help track the tectonic features (faults and shears) affecting the rocks underlying the Magusi West Property.

Shown on the four maps are eight dominant, Abitibi-defined, magnetic anomalies (HT-01 to HT-08). The total field magnetic values detected over the Magusi West Property range from 54 938 nanoTeslas (nT) to 55 036 nT, with an average of ~54 974 nT, and, overall, these values appear low. The strongest TMI value (55,036 nT) is part of a northeast-trending elliptical anomaly that occurs north of the Magusi River that shows up well on all four maps. The interpreted magnetic features (HT-01 to HT-08), inclusive) are described below:

- Two northeast-trending magnetic lineaments, **HT-01** and **HT-02,** were identified in the southern part of the survey within the Duprat-Montbray formation (DMF). These lineaments are difficult to confirm beyond the BFSZ.
- A north-northeast-trending magnetic lineament (**HT-03**) was identified in the western part of the survey grid between Lines 2+00E and 7+00E. HT-03 is observed within both the Reneault-Dufresnoy Formation (RDF) and the DMF, apparently crossing the BFSZ. The extent of this feature is not easy to determine in the northern part of the Property due to faulting that has deformed its shape. This deformation coincides with part of a rhyolite unit at the ends of lines L2+00E to 6+00E.
- The northeast-trending **HT-04** elliptical anomaly is located within the RDF between Lines 13+00E and 15+00E. The residual amplitude is estimated to be 60 nT above a magnetic background of approximately 54 975 nT.
- East-west-trending anomaly **HT-05** is located within the RDF between Lines 15+00E and 20+00E and 200 m north of the BFSZ. The eastern part of the anomaly appears to be changing direction to the northeast. Geologically, the HT-05 anomaly coincides with intermediate ash, lapilli tuff, and andesite.
- The semicircular **HT-06** anomaly is located within the RDF just north of anomaly HT-04 between Lines 12+00E and 18+00E. The anomaly shape may be the result of the intersection of two magnetic anomalies, one oriented northwest and the other northeast. The magnetic amplitude of HT-06 is weak and estimated at 15 nT; however, its residual amplitude is estimated at 30 nT above a local magnetic background of approximately 54 960 nT.
- Other magnetic anomalies were also highlighted, particularly in the northern and northwestern part of the survey grid. The most distinct is **HT-07,** identified at the end of Lines 0+00E to 4+00E. This anomaly is not fully defined and appears to be affected by two northwest-trending faults.

- To the south of HT-07, discontinuous, northeast-trending **HT-08** was delineated. This trend is located within the RDF and geologically coincides with the intermediate ash, lapilli tuff and andesite rocks.

Magnetic differentiation between the RDF and the DMF is not obvious; however, the Baie Fabie fault/shear zone (BFSZ), which is the contact between the two geological formations, is visible on the magnetic maps in almost the same position as drawn on available geological maps.

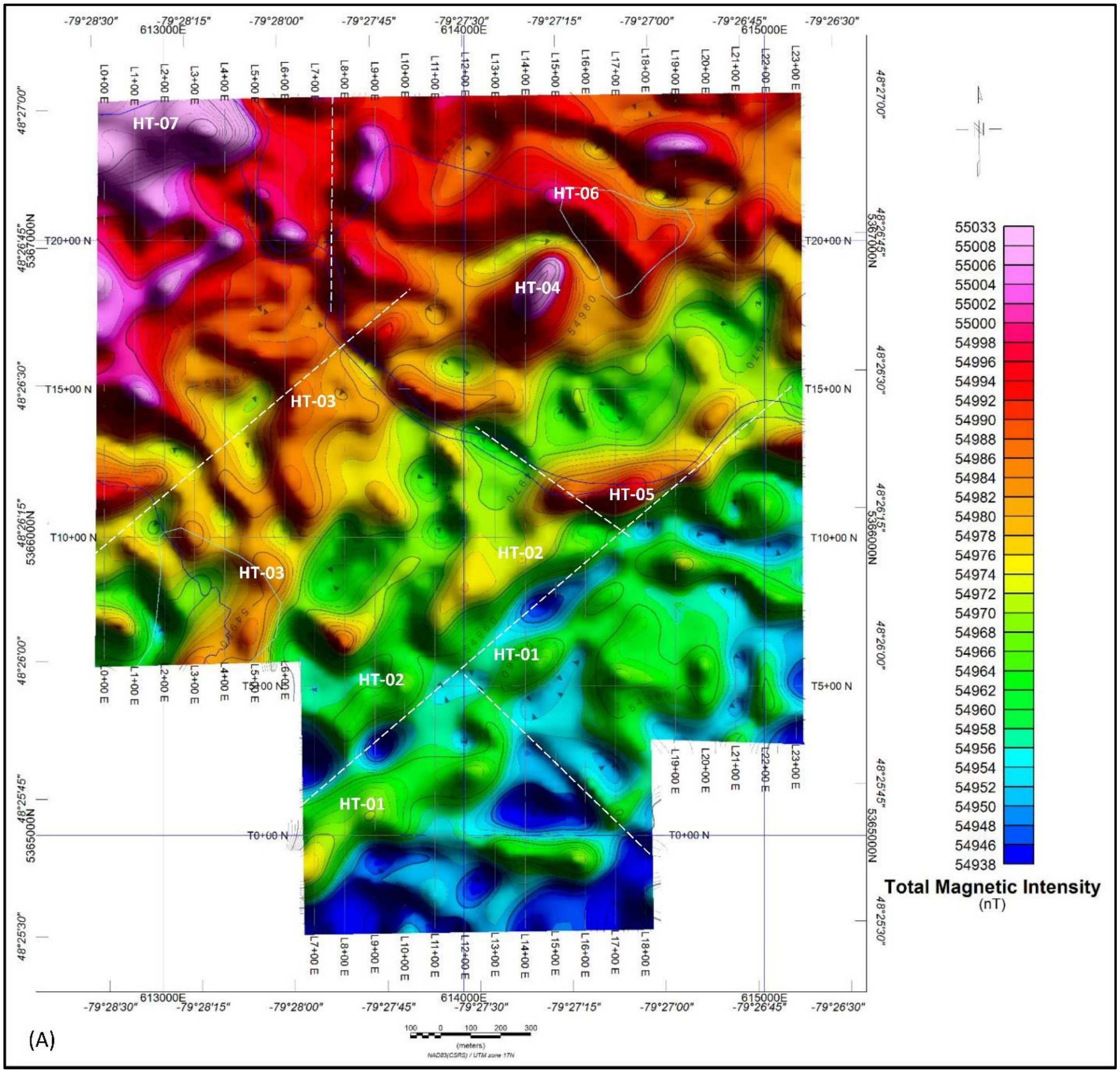

Figure 24: High resolution total magnetic intensity (TMI) map with interpreted magnetic anomalies, Magusi West Property. Map from the Abitibi Geophysics Logistic and Interpretation Report (Chemam, 2023).

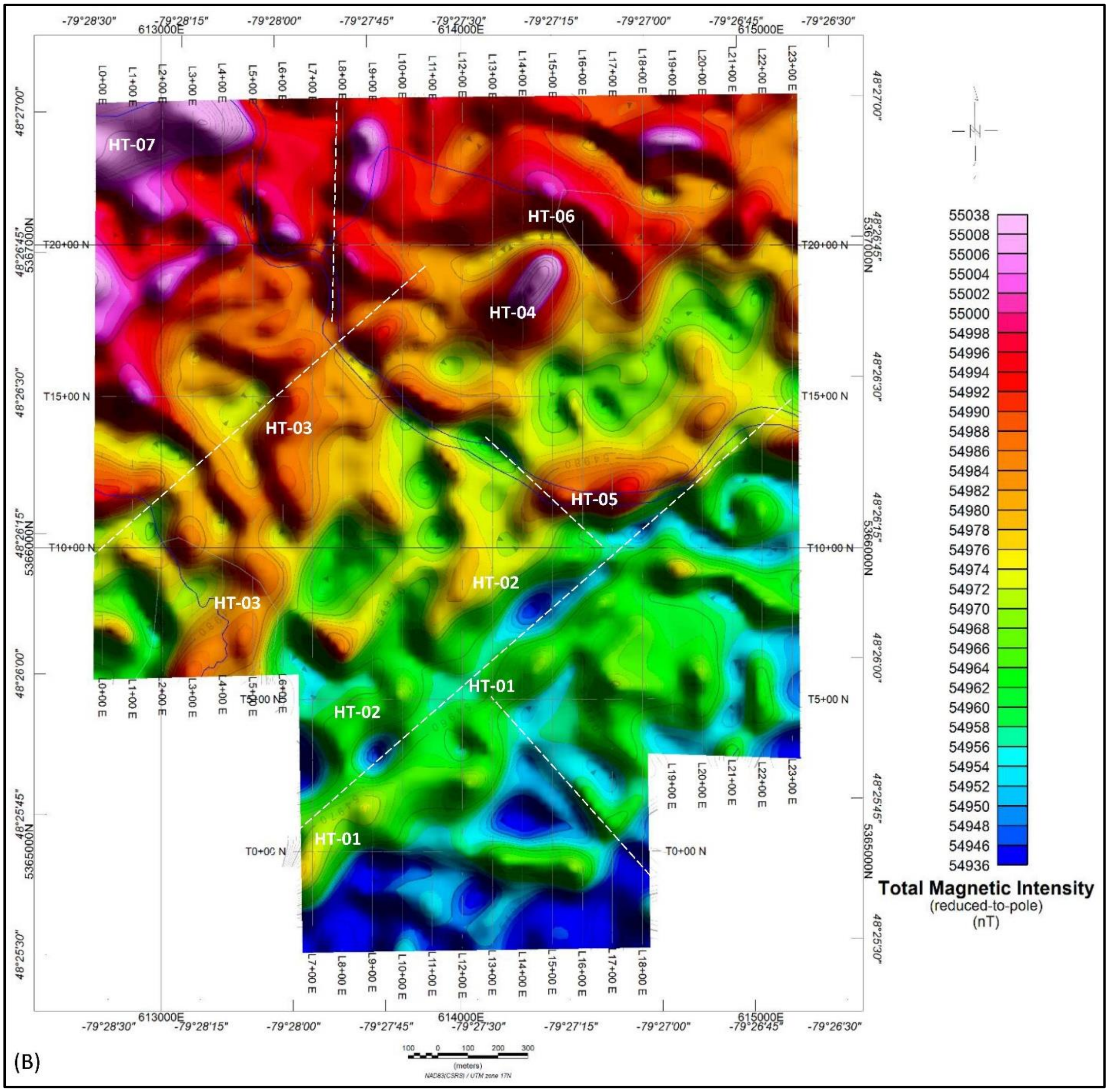

Figure 25: Reduction-to-pole (RTP) map with interpreted magnetic anomalies, Magusi West Property. Map taken from the Abitibi Geophysics Logistic and Interpretation Report (Chemam, 2023).

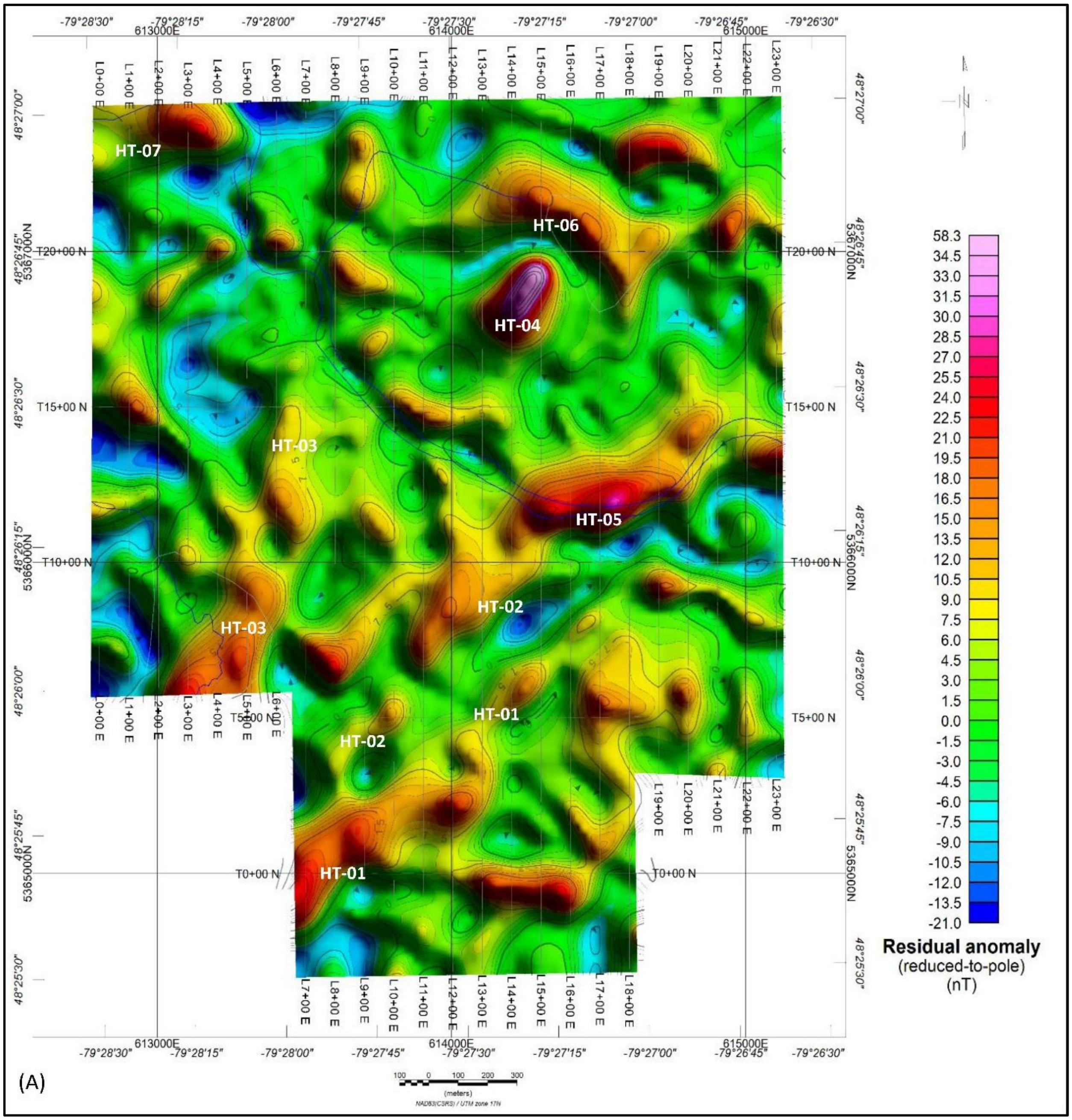

Figure 26: Residual magnetic anomaly map with interpreted magnetic anomalies, Magusi West Property. Map from the Abitibi Geophysics Logistic and Interpretation Report (Chemam, 2023).

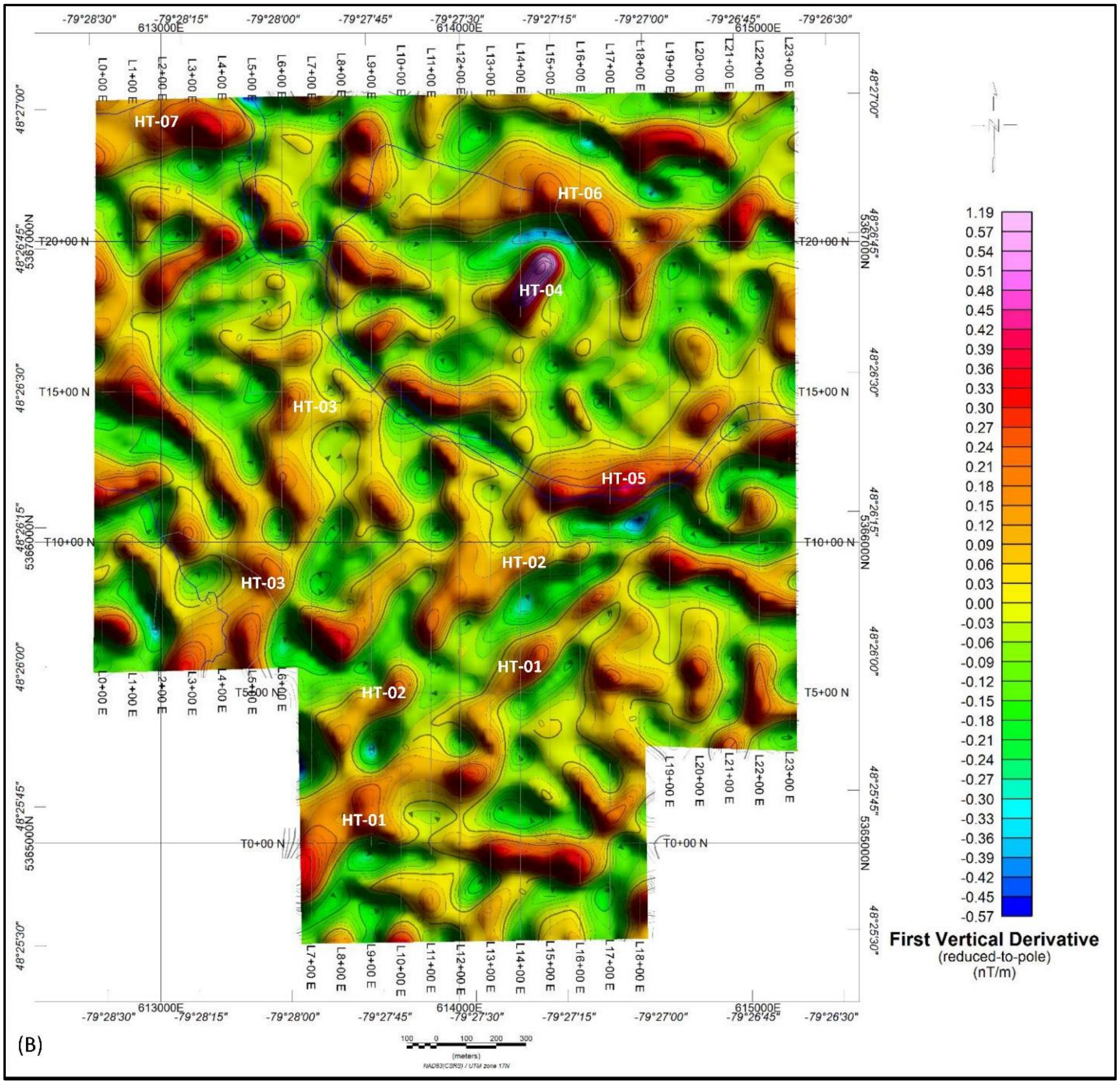

Figure 27: First vertical derivative reduced-to-pole (RTP) map with interpreted magnetic anomalies, Magusi West Property. Map from the Abitibi Geophysics Logistic and Interpretation Report (Chemam, 2023).

9.4.2 Predictive Targeting Analysis

Abitibi took the RTP-total magnetic field data and completed an automatic predictive method known as CET (Centre for Exploration Targeting) grid analysis. This analysis can help determine possible candidates for Au and VHMS mineralization targeting from the airborne magnetic data.

The CET grid image analysis technique is specifically designed for Archean orogenic gold mineralization and was applied here to rapidly locate regions of significant structural complexity as a proxy for both fluid pathways and structural traps which are likely to be genetically related to ore formation (Holden et al., 2008). This method does not require knowledge of the location of existing deposits, which is the case for other techniques such as machine learning (neural network).

9.4.2.1 Principle of the CET Grid Analysis Method

The method used by Chemam (2023) to complete Predictive Targeting Analysis is as follows:

- Identify regions of magnetic discontinuity that correspond to lithological boundaries and shear zones by using a texture analysis and symmetry feature detection techniques.
- Examine the data using fractal analysis to identify nearby areas of complex magnetic expression which correspond to zones of structural complexity. The most prospective areas are those where inferred structural complexity occurs adjacent to regions of magnetic discontinuity. By using skeletal structures of the identified regions of discontinuity, this method then analyses structural associations to locate their intersections, as well as to find variations in the orientation of neighbouring structures.
- Applying an accumulative Gaussian weighting to generate an orientation entropy (OE) heat map that highlights the areas that are perceived to be prospective.

9.4.2.2 CET Grid Analysis Results

The results of the CET Grid Analysis (Chemam, 2023) are shown in map form in Figure 30. As can be readily observed, several zones of high structural complexity that appear intensely disrupted by northwest-trending faults or shears were identified within the Property:

- In the RDF, north of the BFSZ, two main target areas were identified. One zone appears to be northwest-trending along the trace of the Magusi River from the BFSZ to near, and possibly including, magnetic zone HT-08. The second zone nicely coincides with the HT-04 and HT-06 magnetic anomalies. A possible third zone is located a short distance north of the BFSZ near the western Property boundary.
- In the DMF, south of the BFSZ, the contact occurrence density (COD) heat map shows 4 closely-spaced target areas. Three of the targets appear to be located close to the BFSZ (100 to 400 m apart), whereas, the fourth target is located to the south between lines 12+00E and 18+00E, partially underlain by diorite and partially coincident with the east-west-trending magnetic anomaly that lies closely adjacent to TL 0+00N between Lines 13+00E and 16+00E.

Five of the 6 historic holes drilled within the Property (Figure 24) were completed in areas of high structural complexity according to the COD heat map.

- SOQUEM targeted a coincident VLF-EM and magnetic anomaly located a short distance south of the BFSZ with **DH 933-81-1** and intersected a 45 m wide shear zone containing trace disseminated py and no significant analyses.
- SOQUEM's **DH 933-81-2** was drilled 200 m southeast of the CET target zone coincident with HT-01 and intersected a pyritized graphitic tuff that explains a coincident VLF-EM anomaly. No significant analyses were obtained.
- Noranda Exploration Ltd. drilled **DH 76-1** in 1976. The hole intersected essentially barren rhyolite and dacite containing trace disseminated py and no significant analyses.
- Noranda drilled holes **TA-90-02**, **TA-90-03,** and **TA-90-04** in 1990 into several of the COD target zones. **DH TA-90-02** was collared on the north edge of the BFSZ (possibly within it) and intersected an 11 m wide shear zone, numerous quartz veinlets, and 5 to 10% finely disseminated pyrite at 64.4 m depth. No significant analyses were obtained from any of the 3 holes.

Chemam (2023) states that all historic holes drilled on the Property have failed to intercept VMS or Au mineralization, even though most of the holes were drilled into or near zones now known to exhibit high structural complexity. He also states that it is not known whether these holes are well oriented, drilled in the best location, or drilled sufficiently deep; therefore, he recommends that EagleOne examine the generated heat map closely using known geology, structure, and geochemistry to determine whether the delineated target zones are of sufficient interest to be explored more effectively and in greater detail.

9.4.3 Unconstrained 3D Magnetic Inversion Method

To extract more information about the magnetic anomalies defined above, Abitibi (Chemam, 2023) completed an unconstrained 3D magnetic inversion on the residual magnetic data using Seequent's VOXI MAG3D software. The core volume of the magnetic inversion (2.35 km east, 2.85 km north, and 1.06 km depth) defines the volume of interest for the Magusi West Survey. The horizontal cell size within the core and data volumes was set to 25 x 25 m x 12.5 m downward (depth). This initial block model allowed Abitibi to investigate to a depth of approximately 1.0 km.

After setting up the residual data and the earth model, two numerical inversions were used to optimize the magnetic susceptibility contrast of the model elements in such a way that the predicted response fit the residual data. At first, the VOXI MAG3D inversion generated a smooth solution. Subsequently, an Iterative Reweighting Inversion Focusing (IRIF) took the obtained smooth model and used it as a reweighting constraint to then model sharper contacts in the inversion result, providing more refined targets.

9.4.3.1 Unconstrained 3D Magnetic Inversion Results

The resultant final inversion is presented as a 3D voxel (*see* Figure 31) and as iso-surfaces (Figure 7B) of the magnetic susceptibility. The magnetic susceptibility values calculated by the 3D magnetic inversion range from -0.0046 to 0.0091 SI. The highest magnetic susceptibility, in excess 0.004 SI, was calculated on magnetic anomaly HT-04. This distinct magnetic feature, along with anomaly HT-05, probably carry remanent magnetization, as demonstrated by the Magnetization Vector Inversion (MTV) presented in Figure 32.

To better understand the subsurface magnetic susceptibility, vertical sections were extracted through the old drillholes, as shown in Figure 33 A and B. These vertical sections (Figure 33B) show that drillholes TA-90-02, TA-90-03 and 933-81-1 intercepted moderately magnetic zones, while hole DH 933-81-2 narrowly missed the magnetic susceptibility shell. DH 76-1 appears to have been drilled in a non-magnetic zone composed of felsic metavolcanic rocks, while DH TA-90-04, drilled to the west of the survey, appears to pass through a weakly magnetic unit composed of intercalated porphyritic andesite and intermediate tuffs crosscut by a mafic dyke.

Finally, with the help of the 3D magnetic inversion, a simplified structural map (*see* Figure 34) was generated using the horizontal slice of magnetic susceptibility extracted from the inversion model at an elevation of 200 m.

The Author would like to comment at this point that in his experience unconstrained inversions of any kind, not just magnetic, are inherently unreliable and tend to be inaccurate. That said, the author will state that useful information can be obtained from unconstrained inversions if they are examined carefully in the light of known geology, structure and geophysics (particularly physical properties data, if available) which does constrain the inversion. During his analysis of the inversion and its products Chemam (2023) definitely takes into account known geology (surface and drill hole) and structure, such that the final product of the inversion exercise, a simplified structural map of the Property (Figure 34) superimposed on the subsurface magnetic susceptibility and including major inferred faults and shear zones, CET target areas (blue stars), and the known historic drill holes, can be considered a useful exploration tool.

9.4.4 Abitibi Geophysics Summary and Recommendations

Chemam (2023) summarizes that the AeroVision® magnetic data have provided (other than high-resolution magnetic maps) of the Property:

- A 3D magnetic susceptibility model providing information on the subsurface architecture of the magnetic sources within the Property.
- A mineral prospectivity heat map where at least 4 target zones perceived as potential targets for hosting Au and VHMS deposits were identified.
- A detailed structural map showing the distribution of the magnetic susceptibility, including the outlines of some known and unknown faults and shears.

Chemam (2023 recommends that future follow-up work consist of:

- A deep Induced Polarization survey, such as OreVision®, with a=25 m and n=1 to 25 and
- A time-domain electromagnetic survey (TDEM), such as InfiniTEM®, to investigate the property at depth. Historic drilling tested only near-surface VLF-EM surveys with short, shallow depth holes.

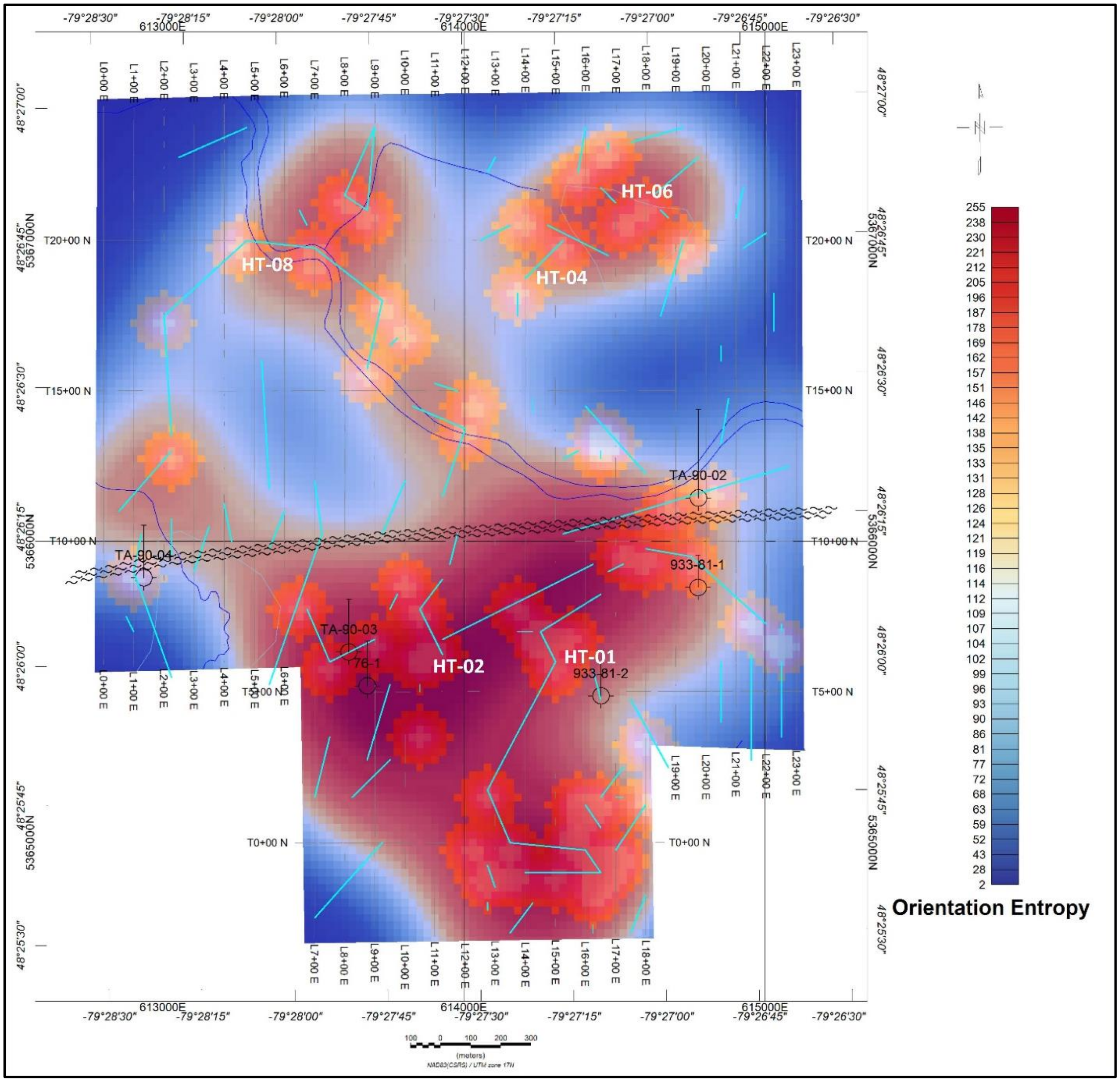

Figure 28: Mineral Prospectivity (COD) heat map, generated from the CET Grid Analysis, showing target zones of high structural complexity, including the location of the BFSZ and historic diamond drilling. Map from the Abitibi Geophysics Logistic and Interpretation Report (Chemam, 2023).

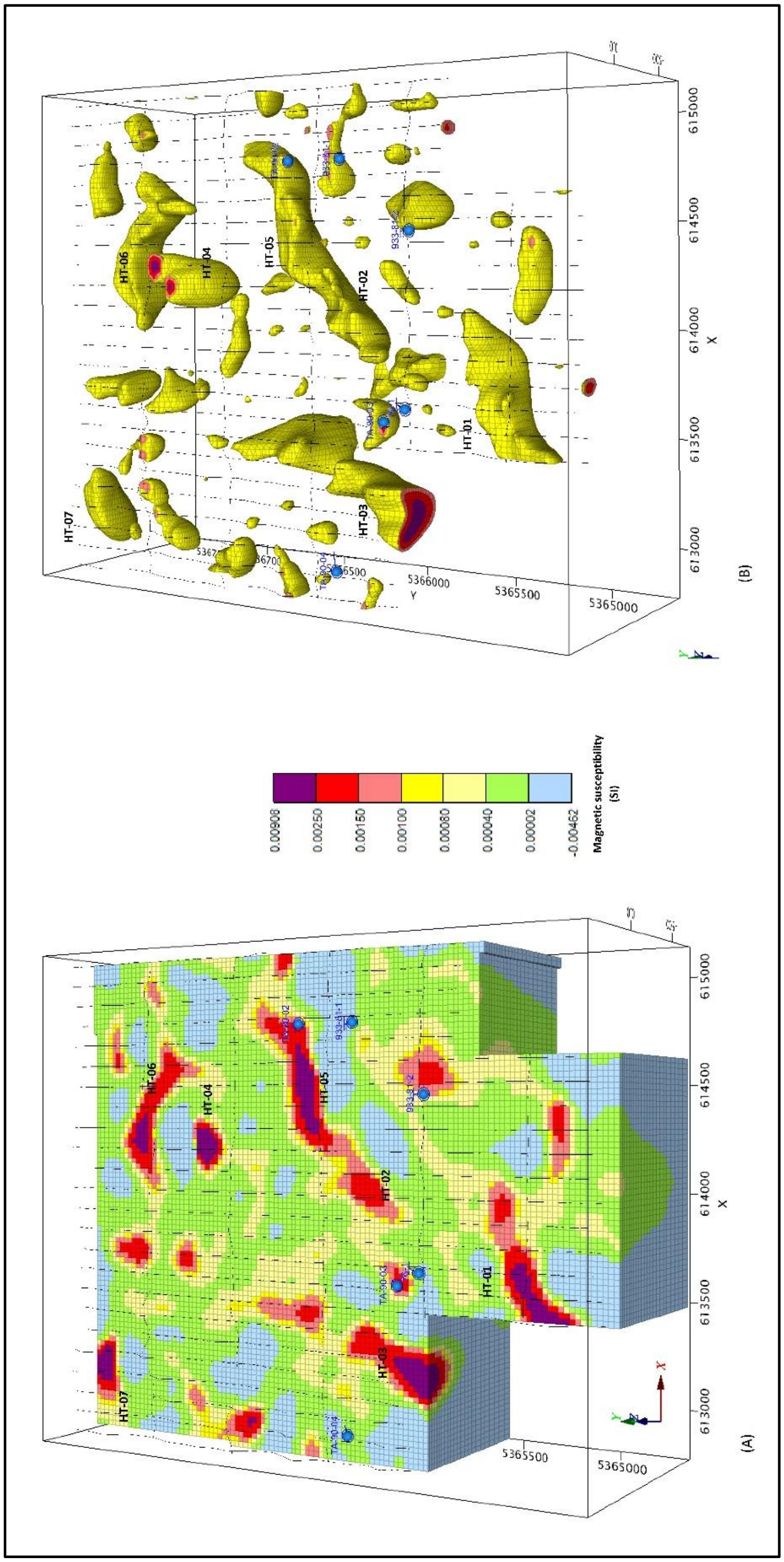

Figure 29: Perspective view of the magnetic susceptibility model plotted as 3D voxel (A) and iso-surfaces rendered at 0.001 SI. Figures from the Abitibi Geophysics Logistic and Interpretation Report (Chemam, 2023).

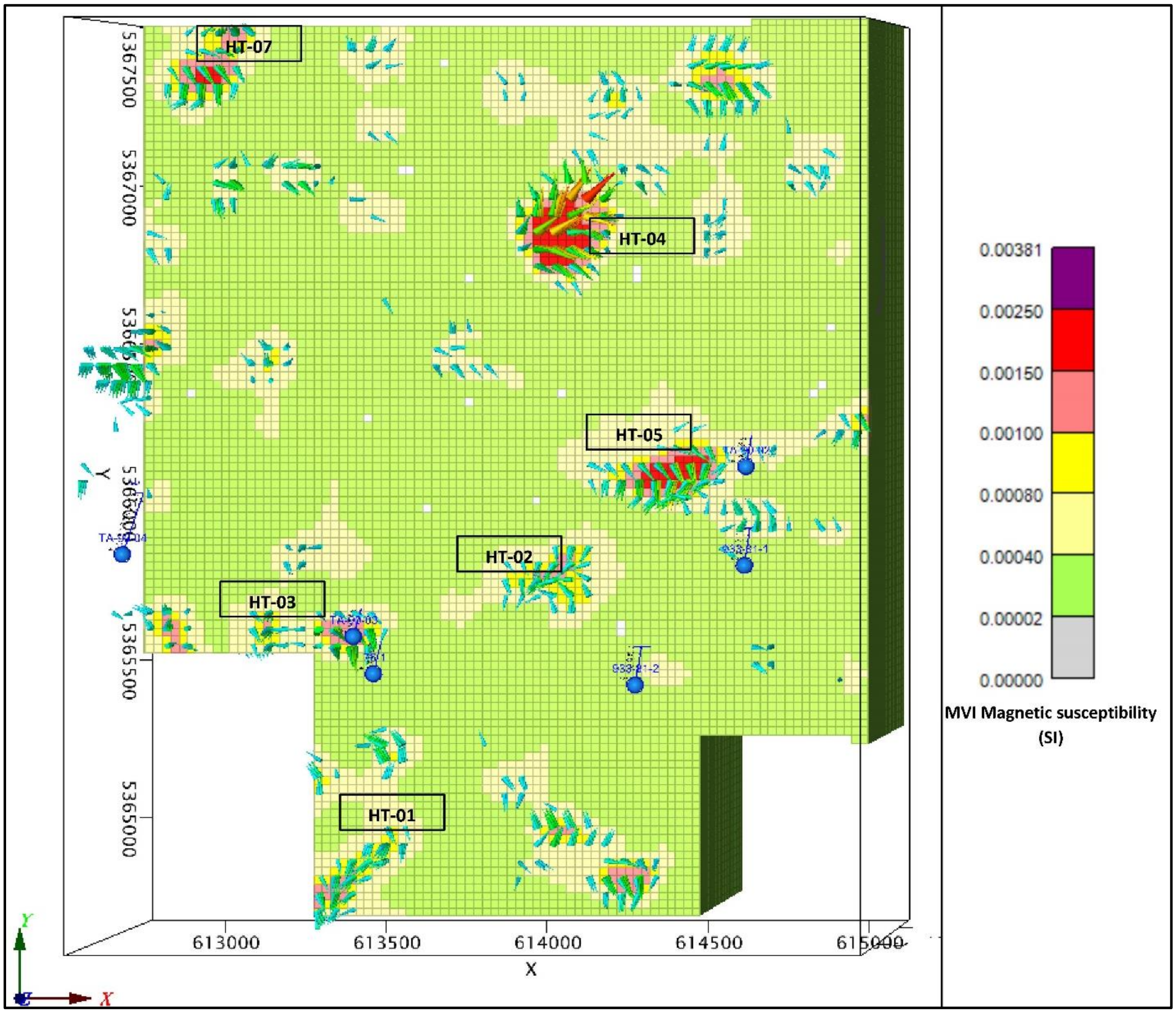

Figure 30: Plan view of the effective (mvi) magnetic susceptibility at an elevation of 170 m, showing the magnetization vectors of the old drill holes. Figure from the Abitibi Geophysics Logistic and Interpretation Report (Chemam, 2023).

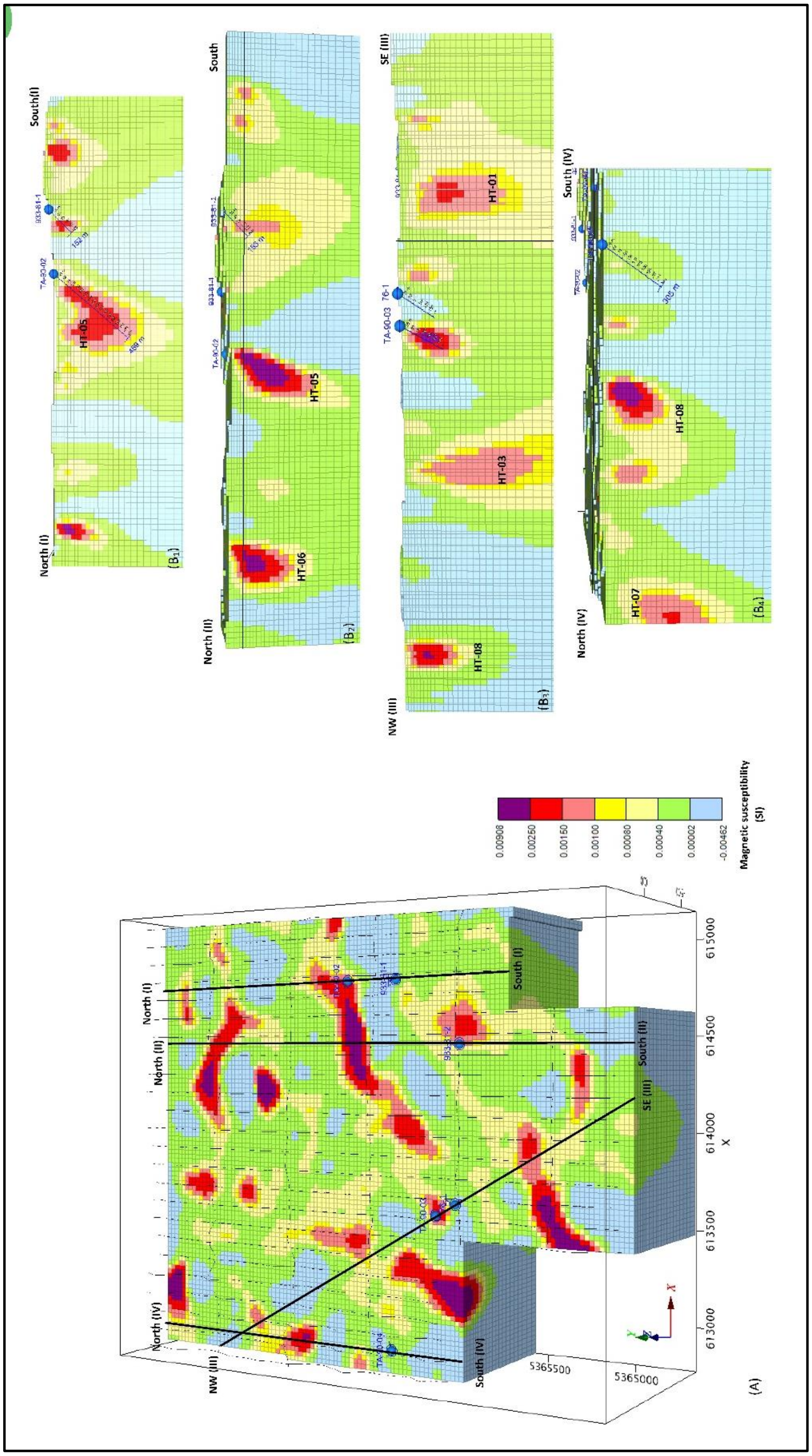

Figure 31: Perspective view of the magnetic susceptibility model (A) and vertical sections (black lines in A) of the magnetic susceptibility distribution extracted through existing historic drill holes. Figure from the Abitibi Geophysics Logistic and Interpretation Report (Chemam, 2023).

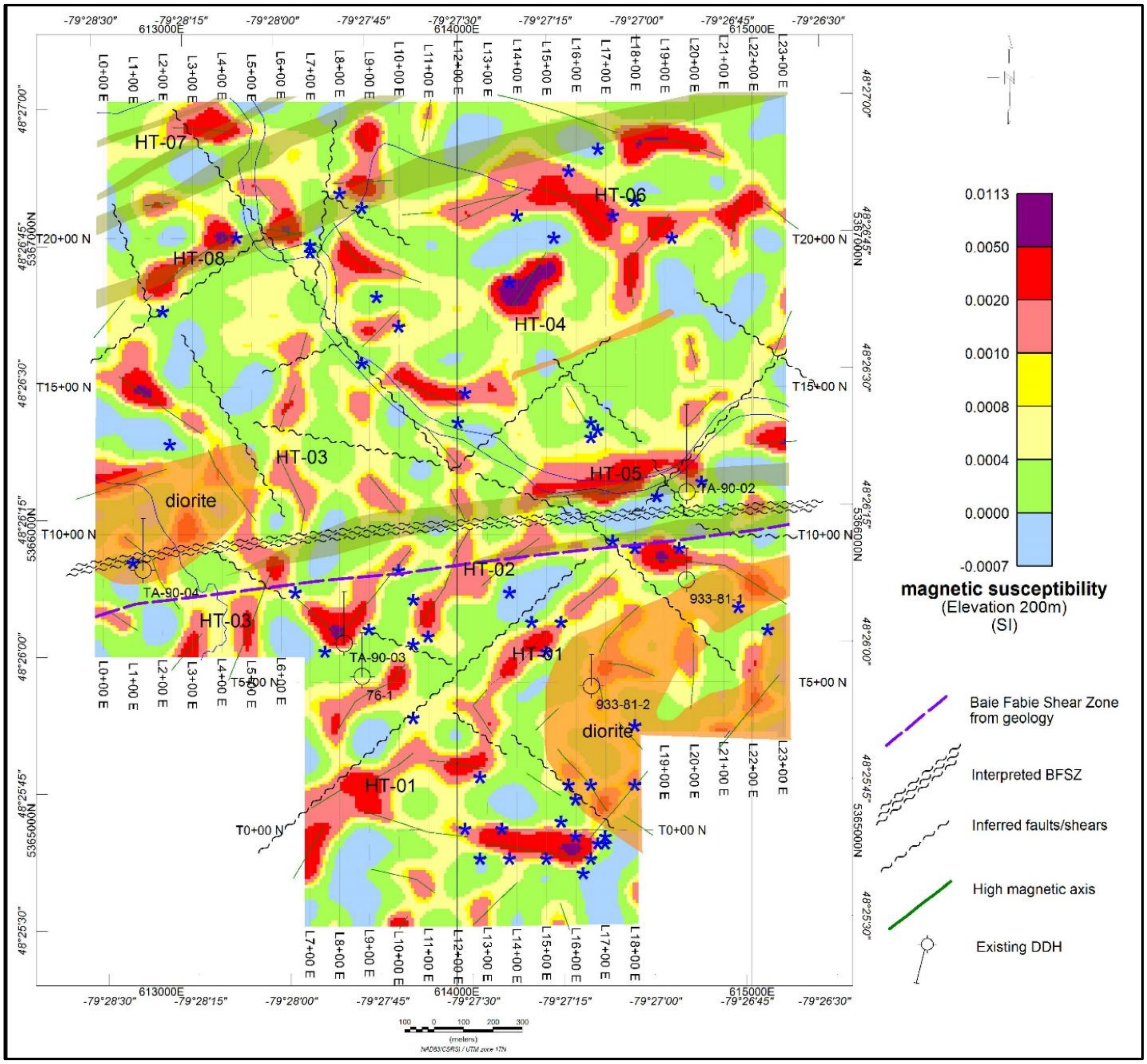

Figure 32: Simplified structural map of the Magusi West Property superimposed on the subsurface magnetic susceptibility, including the major inferred faults and shear zones, blue CET target stars, and the existing historic drill holes. Map from the Abitibi Geophysics Logistic and Interpretation Report (Chemam, 2023).

10.0 DRILLING

No diamond drilling has been completed to date on the Property by EagleOne Minerals Corp.

11.0 SAMPLE PREPARATION, ANALYSIS AND SECURITY

The Magusi West Property soil samples were collected by placing at least a handful of B-horizon soil into kraft paper soil sample bags with the sample number written on the bag in permanent marker and a corresponding bar-coded label attached to the bag. The GPS location of each sample (UTM NAD83, Z17) was recorded at the time the sample was taken and notes describing each sample station were taken at the same time. Alternating quartz sand blanks and sample duplicates were inserted into the sample batch every 20th sample. The samples were transported at the end of each sampling day back to the sampler's base camp and stored in 5-gallon plastic pails in a secure location. Sample locations were determined using a handheld Garmin GPSXL12 set to record locations in UTM (Universal Trans-Mercator) co-ordinates using the 1983 North American Datum (NAD83) in Zone 17 (Appendix 4). The samples were bagged and tagged using best practices and then transported by the sampler to the **ALS Canada Ltd. (ALS)** preparation laboratory, located at 645 Norah Crescent, Thunder Bay, Ontario P7C 5H9, Canada. The samples were given directly to ALS personnel by the sampler. After ALS sample preparation the samples were securely transported by ALS to their geochemical laboratory located at 2103 Dollarton Hwy, North Vancouver, BC.

The information presented below regarding sample preparation, analysis, and security were obtained from the ALS website at https://www.alsglobal.com/en/geochemistry/. ALS Canada Ltd. is a wholly-owned subsidiary of ALS Global whose global quality and assurance program includes internal and external inter-laboratory test programs and regularly scheduled internal audits that meet all requirements of ISO/IEC 17025:2017 and ISO 9001:2015. ALS Canada Ltd. is a commercial, ISO-Certified Laboratory independent of EagleOne Metals Ltd., RJ Reukl Geological Services, and Allan MacTavish. Consulting Geologist.

To ensure chain of custody once the samples arrived at the ALS Thunder Bay, ON, preparation laboratory they are immediately logged into the ALS global laboratory information management system (LOG-21) and then weighed (WEI-21). The samples were then subjected to PREP-41 where they are dried at <60°C/140°F and then sieved. It is critical to dry the samples at a temperature low enough to prevent the loss of volatile elements. The samples are sieved to -180 microns to remove a large portion of any quartz sand present in the sample. The -180-micron screen is equivalent to 80 mesh, which corresponds to the Tyler and US mesh number. Both fractions of the sample are retained. Analysis is completed on the minus fraction ensuring that a larger number of grains form part of the sample aliquot and therefore making it more representative. After sieving the samples were securely sent to the ALS North Vancouver geochemistry lab in sealed containers. At the North Vancouver lab 30-gram (g) samples were taken, preconcentrated by fire assay, subjected to 4-acid digestion, and then analyzed using AAS (atomic absorption spectrometry) to determine the Au concentration in the sample to a lower detection limit of 0.01 ppm. At the same time a 0.25 g sample was taken, subjected to four acid digestion, and then analyzed for Ag, Cu and Zn using the ME-ICP61 method. The four-acid digestion utilised in both analysis techniques is a combination of nitric, perchloric, and hydrofluoric acids with a final dissolution stage using hydrochloric acid. This digestion technique breaks down most silicate and oxide minerals allowing for the “near-total” recovery of most minerals and analytes.

The duplicate samples inserted into the sample stream by EagleOne did not identify any analytical issues and those duplicates reported almost the same analytical results as the original sample. For the present work, the sample preparation, security, and analytical procedures used by the laboratory are considered adequate and the data is valid, and of sufficient quality, to be used for further investigations.

12.0 DATA VERIFICATION

The author visited the Property on October 6, 2023 to verify historic and current exploration work, to take geological, infrastructure, and other technical observations on the Property and to assess the potential of the Property for the discovery of gold, silver, zinc, copper and other sulphide mineralization.

Exploration during 2023 was completed by geologist Robert Reukl, B.Sc., P.Geo. (Ontario) of RJ Reukl Geological Services. The author has known the Mr. Reukl for over 40 years in a professional capacity and believes that the data collected during the field programs is considered reliable. Data quoted from other sources is also deemed reliable because it was taken from Québec government Assessment Reports, published reports by the Québec government, the Geological Survey of Canada (“GSC”), various researchers, and personal observations. Historic geological descriptions were taken from professional reports and papers taken from well-respected, refereed, technical journals. The author also verified, in the field, geological descriptions and rock formations described by the earlier workers.

The investigated area consisted of the driveable access roads within the property south of the Magusi River and the outcrops observed were located adjacent to and nearby to those access roads.

The data collected during the present study is considered reliable because it was collected by a reliable and respected geologist. For the present study, the sample preparation, security, and analytical procedures used by the laboratories are considered adequate. No officer, director, employee or associate of EagleOne Minerals Corp. was involved in sample preparation and analysis. No search of tenure data or Mineral Title was completed; however, all of the property information was downloaded from the Québec government SIGÉOM website which is considered secure and reliable. The author does not express a legal opinion as to the ownership status of the Property.

The author is unaware of any environmental liabilities associated with the Property. Overall, the author is of the opinion that the data verification process demonstrated the validity of the data and considers the Property database to be valid and of sufficient quality.

13.0 MINERAL PROCESSING AND METALLURGICAL TESTING

No mineral processing or metallurgical testing was done on the Property by EagleOne Minerals Corp.

14.0 MINERAL RESOURCE ESTIMATES

No mineral resource estimates have been completed on the Magusi West Property by EagleOne Minerals Corp.

Items 15 to 22 are not currently applicable.

23.0 ADJACENT PROPERTIES

The author is unaware of any present or recently active adjacent properties. The most recent assessment work filed within the present Property boundaries was in 2015 (Beep-map survey). The last diamond drilling filed near or within the Property was in 2013.

24.0 OTHER RELEVANT DATA AND INFORMATION

24.1 Environmental Concerns

There is no historical production from any known mineralized zones on or directly adjacent to the Property and the author is not aware of any environmental liabilities which have accrued from historical exploration and mining activity.

25.0 INTERPRETATION AND CONCLUSION

The Magusi West Property straddles the synvolcanic Misema Inner Ring Fault (now the Alembert and Baie-Fabie Fault zones) of the northern portion of the Blake River Megacaldera Complex postulated by Pearson and Daigneault (2009). This megacaldera complex hosts most of the VHMS and Au-rich VHMS occurrences and deposits within the Québec portion of the exceptionally Au- and base metals-rich Blake River Group of the Abitibi Greenstone Belt.

The Magusi West claims north of the (BFSZ) are underlain by the altered, mafic to intermediate, transitional to calc-alkaline metavolcanic rocks of the Reneault-Dufresnoy Formation (RDF). The RDF is a homoclinal sequence that youngs to the south and is centred on Lac Monsabrais (3.2 km northeast of the Property). The rock package consists of massive to pillowed submarine flows and volcaniclastic rocks, crosscut by diorite, gabbro, and the synvolcanic, multiphase, tonalitic to quartz dioritic Monsabrais Pluton. South of the BFSZ the rocks comprise mafic to intermediate, sometimes felsic, massive to pillowed metavolcanic rocks of the Duprat-Montbray Formation (DMF). The available literature does not provide much information on the rocks of the DMF and also does not note the presence of any volcaniclastic units, at least within the northern part of the formation. There are some locally occurring, relatively restricted rhyolitic units of unknown deposition type(s) (flow, pyroclastic or volcaniclastic units). Some of the rhyolite units occur as inclusions within or adjacent to the dioritic body underlying the southeastern portion of the Property. If this intrusion is subvolcanic then it is possible that it may have stoped upward into its own extrusive volcanic products.

The Property is: located west of the Magusi River VHMS deposit and the past-producing Fabie Bay VHMS Mine (located 5.5 km and 7 km along-strike to the east, respectively); located along-strike from several nearby Au and base-metals occurrences; is within 2 km of the subvolcanic Monsabrais Pluton (a potential VHMS system heat source); is potentially underlain by several possibly subvolcanic intermediate intrusions; and is bisected by the regional BFSZ which splays from the arcuate, regional Alembert Fault Zone located a short distance to the east and southeast. These two initially synvolcanic fault systems are potential fluid sources or focus points for VHMS mineralization and later reactivation may have provided fluid pathways and lithological and structural traps for orogenic Au mineralization.

There are 6 mineral occurrences with possible VHMS-affinity within 4 km of the Property:

- The ***TA-89-01 Occurrence,*** located about 550m to the west of the Property, is considered a Ag occurrence. It is unusual because it consists of Ag-Pb-Zn veins within chloritized and sericitized, fragmental to massive, locally sheared, amygdaloidal andesite (possibly basalt) flows and pyroclastic rocks. These mineralized veins may be related to a VHMS stringer zone in some way. Diamond drilling intersected 455 ppm Zn/8.53 m and 6.50 g/t Ag/1.8 m. The BFSZ may have crosscut or deformed this mineralization.
- ***The Lac Monsabrais-SO Cu-Ag Occurrence,*** located 2.25km north-northeast of the Property consists two, probably related types of mineralization. The first consists of narrow, chalcopyrite-bearing quartz veins within narrow shears crosscutting the Monsabrais Granite that contain only low-grade Cu values. The second consists of chalcopyrite-pyrite-pyrrhotite within strongly chloritized fault-hosted breccia zones within intermediate metavolcanic flows near the nose of a post mineralization fold. Both types of mineralization may be VHMS-related. Analyses obtained from the breccia-related mineralization contained up to 7.3 % Cu and 78.9 g/t Ag.
- ***The Lac Monsabrais-OSO Occurrence*** is located 1.90 km north-northeast of the Property and ~820m west of the Lac Monsabrais SO Occurrence. Mineralization similar to the Lac Monsabrais SO Occurrence occurs within two 610 m-separated zones and consists of narrow chalcopyrite-pyrite-pyrrhotite-bearing quartz veins within narrow shears crosscutting the Monsabrais Granite.
- ***The Magusi River-SO Occurrence***, located 4 km east of the Property, consists of mineralization intersected in two 1990-drilled holes. The two closely-spaced mineralized intervals consisted of strongly chloritized to variably sericitized alteration zones within weakly altered intermediate metavolcanic tuffs containing disseminated chalcopyrite-pyrite-sphalerite. Drilling intersected grades of 0.93% Cu, 0.58% Zn, and 11.5 g/t Ag/0.49 m and 0.83% Zn/1.50m.
- ***The MPSH86-4 and MNPH86-9 Occurrences*** were discovered in 1986 during diamond drilling completed west of the Property by ***Midnapore Resources Inc.***
    - ***The MPSH86-4 Occurrence*** was discovered by DH MPSH86-4 which was drilled about 245 ft (75 m) west and 665 ft (200 m) south of the northwest corner of the present Property. This hole tested a portion of an east-west-striking, pervasively chloritized, sericitized, locally quartz-carbonate-brecciated shear zone within diorite where coincident with a 1975 Turam anomaly. The DH intersected ***1.32% Cu and 0.11% Zn/1 ft (30 cm)*** and localized anomalous Au from a narrow, massive chalcopyrite vein. This intersection defines a narrow Cu-(Zn±Au) occurrence contained within a variably mineralized structure that trends onto the present Property, but is not designated within the SIGÉOM database.
    - ***The MNPH86-9 Occurrence*** was discovered by targeting an IP-EM anomaly. DH MNPH86-6 was drilled ~1220 m west of the Property (Figure 14) and intersected

1.74% Zn/1.5 ft (0.45 m) within sheared and altered hangingwall diorite containing 2 to 5% disseminated py, po, and sp. This intersection is also an unrecorded occurrence that possibly trends eastward into the Property.

There are 3 mineral occurrences with Orogenic Au affinity within 4 km of the Property:

- ***The Hébécourt-SO Occurrence***, located ~375 m west of the Property, is associated with an up to 6.1m wide, silicified and carbonatized shear zone crosscutting diorite. This zone contains trace to 5% finely disseminated py-po-(cp) within an east-west-striking, shallowly south-dipping, 30 to 90 cm thick quartz vein with a length of ~120m. The vein was reported to contain coarse visible Au grains. This mineralized shear is located ~450 m north of the BFSZ and strikes directly towards and possibly into the Property and may represent a splay from the BFSZ.
- ***The Lac Fabie Nord Occurrence***, located 3.5 km southeast of the Property was discovered in 1986. Prospecting samples graded ***1.03 to 2.09 g/t Au***; channel samples intersected ***1.2 g/t Au/0.9m and 1.4 g/t/1.0 m***; and diamond drill holes intersected up to ***3.00 g/t Au***. This mineralization occurs within felsic feldspar porphyry containing fine quartz stringers and trace disseminated py.
- ***The Lac Fabie Nord Occurrence West***, located ~200 m west of the Fabie Nord Occurrence was discovered by prospecting and channel sampling in 2017. This occurrence consists of fine- to medium-grained felsic porphyry with several, 080°-striking, fractured and altered zones containing narrow, hematized quartz veinlets and 2 to 5% disseminated py. Samples contained between ***0.13 and 2.40 g/t Au***.

During the spring of 2023 EagleOne Metals Inc. contracted RJ Reukl Geological Services to complete linecutting, geological examinations of exposed rock, a soil geochemistry survey (301 samples), and to arrange the Abitibi Geophysics airborne UAV magnetic survey.

The limited exploration completed to date by EagleOne has begun to highlight the potential of the Property to host orogenic Au and VHMS mineralization. The discovery of deformed, altered, and locally pyritized felsic metavolcanic rocks within a recently excavated gravel pit on the Property; the presence of several Au-anomalous soil samples along strike from those exposed pit outcrops; and the coincidence of the pit outcrops with magnetic anomaly HT-01 coincident with an Abitibi Mineral Prospectivity Map target zone generated data provided by the AeroVision® UAV airborne magnetic survey. This area, in particular, provides a good focal point for further exploration; however, the other magnetic anomalies and potential Mineral Prospectivity Map targets should be considered targets also in need of exploration follow-up.

The Author visited the Property on October 6, 2023 and drove many of the access roads, observed the cut gridlines, viewed many of the rocks exposed within the southern part of the property, and examined the small, deformed, altered, and locally pyritic felsic metavolcanic outcrops exposed at the base of the gravel pit excavated somewhere between 2005 and 2019. The geology of that location, of the property in general, and the mineral potential of the property was discussed in detail with Rob Reukl of RJ Reukl Geological Services during the field visit.

26.0 RECOMMENDATIONS

In this qualified person's opinion, the Magusi West Property has potential for the discovery of gold, silver, zinc, copper, and other sulphide mineralization. The underlying geology and structure of the property, the presence of nearby mineral occurrences, and known mineral deposits along strike from the property is sufficient to merit a work program to follow-up the preliminary program completed during 2023. This can initially be accomplished by a single-phase exploration program, with any subsequent exploration phases contingent upon the results of the Phase 1 program outlined below:

1. Surface stripping/power washing of the exposed outcrops within the gravel pit located at UTM 614178E, 5365783N. The stripping/power washing should commence once snow has melted in the spring to take advantage of high water from snow melt in the nearby streams. After the stripping is completed then following work should include:
    a. Detailed geological mapping of the stripped area(s) at a scale of either 1:200 or if a complex package of rocks is exposed and detail is required then mapping at a scale of 1:100; and
    b. Channel sampling of exposed rocks once mapping is complete.
2. The cutting of 15 km of infill lines on the existing 2023 grid.
3. Soil sampling at 25 m intervals along the new gridlines, particularly as infill in those areas of the 2023 survey where anomalous analyses were obtained.
4. Geological Mapping at a scale of 1:5000;
    a. Whole rock sampling of exposed outcrops to detect lithogeochemical indicators indicative of the fluids responsible for VHMS mineralization such a Na_2O-depletion, or MgO or FeO enrichment; and
    b. Prospecting of known outcrop areas.
5. The writing of a Summary Phase 1 Exploration Report.

Prospecting, 1:5000 scale geological mapping, and soil sampling cannot commence until the linecutting program is complete. Linecutting should not commence until the spring runoff is finished to allow better access in areas of low relief or alongside streams and rivers.

The total estimated cost of the work recommended above is $102,000 and the field program is estimated to take at least 4 weeks. The program budget is presented in Table 3 (below).

Table 3: Proposed Work Program Budget

Exploration Activity	Number of People	Unit Cost ($)	Number of Units	Total ($)
Project Planning and Logistics				
Geologist	1	800	2	$1600
			Sub-total	**$1600**
Power Washing, Channel Sampling				
Mobilization		$2500	1	$2500
Field Technicians	2	$650	8	$10,400
Geologist (Consulting)	1	$800	8	$6400
Equipment Rental		$2500	1	$2500
Vehicle Rental		$100	13	$1300
Channel Sample Analysis		$45	80	$3600
			Sub-total	**$26,700**
Linecutting				
Mobilization		$2500	1	$2500
Cost/line-km	4	$1250	15	$18,750
			Sub-total	**$21,250**
Soil Sampling		$0	1	$0
Soil Sample Collection	2	$650	8	$10,400
Soil Sample Analysis		$40	400	$16,000
			Sub-total	**$26,400**
Geological Mapping & Prospecting				
Geologist (Consulting)	1	$800	5	$4000
Prospecting	2	$650	5	6500
Whole Rock Lithogeochemical Analysis		$85	20	$1700
			Sub-total	**$12,200**
Summary Report				
Report Writing		$1000	5	$5000
Maps & Figures		$2000	1	$2000
			Sub-total	**$7000**
Total Phase 1 Budget				**$95,150**
Contingency 7%				$6661
Total Budget				**$101,811**
Total Budget (Rounded Up)				**$102,000**

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28.0 CERTIFICATE OF AUTHOR

I, Allan MacTavish, M.Sc., P.Geo., as the author of this report entitled "NI 43-101 Technical Report on the Magusi West Property, Hébécourt Township, Abitibi-Ouest, Québec, Canada", hereby certify that:

1. I am an independent consulting geologist.
2. This certificate applies to the current report entitled "NI 43-101 Technical Report on the Magusi West Property, Hébécourt Township, Region Abitibi-Ouest, Québec, Canada" with an effective date of November 27, 2023.
3. I hold an H.B.Sc. from Laurentian University, Sudbury, Ontario (1977) and an M.Sc. from Lakehead University, Thunder Bay, Ontario (1992).
4. I am a member (Professional Geoscientist, Membership No. 0816) of the Professional Geoscientists of Ontario (PGO).
5. I have worked as a geologist for over 46 years since graduation with an undergraduate geology degree from Laurentian University in 1977. I have considerable mineral exploration and evaluation experience for volcanic-hosted massive sulphide (VHMS), orthomagmatic sulphide, and orogenic gold deposits as well as geological mapping and mineral deposit studies experience with the Ontario Geological Survey.
6. I certify that by reason of my education, affiliation with a professional association, and past work experience, having written numerous published and private geological reports and technical papers, that I am qualified as a Qualified Person as defined by Canadian *National Instrument 43-101*.
7. I visited the Property on October 6, 2023, and I am the author of this report.
8. I am responsible for all items of this report.
9. I am independent of EagleOne Metals Corp., as that term is defined in Section 1.5 of NI 43-101. I do not own, nor do I expect to own, any shares or options of EagleOne Metals Corp.
10. I have no prior involvement with the Magusi West Property other than as disclosed in item 7 of this certificate.
11. I have read National Instrument 43-101 ("NI 43-101"), and the Technical Report has been prepared in compliance with NI 43-101, and Form 43-101F1.
12. As at the date of this certificate, to the best of my knowledge, information, and belief the technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.

Allan MacTavish, M.Sc., P. Geo.
777 Red River Road, Lower Level,
Thunder Bay, ON P7B 1J9
Dated: November 27, 2023

Appendix I

Historic Exploration Activities Table

(1 km radius of Magusi West Property)

APPENDIX I: Historic Data Compilation Table - Magusi West Property, Hebecourt Township, Quèbec						
Exploration Activity within 1 km of Property Boundary						
Work Year	Sigéom Report No.	Exploration Activity	Survey Type(s) & Methods	Language Written	Property Owner(s)	Comments/Results
1935	GM10746	Geology	Report	English	Robb-Montbray Mines Ltd.	Description of visible Au discovery, better than description in report immediately below.
1936	GM10743	Geology	Technical Evaluation	English	Robb-Montbray Mines Ltd.	Description of visible Au discovery during prospecting; very general map included
1945	GM05282	Geology	Technical Evaluation	English	Cross Canada Explorations Ltd.	Mining Engineer's report made 12 years after 1945 field visit; includes 3 other groups not located near Megusi West; map only shows claims, no geology. Describes the 1935 Au discovery at the Hebecourt SO Occurrence & mentions that 3 DH's were completed.
1950	GM00909	Geology	Mapping	English	Mining Corp. of Canada Ltd.	General Geology description
1950	GM01018	Geology	Mapping	English	Mining Corp. of Canada Ltd.	General Geology description, no map included
1956	GM05775-B	Geology	Mapping	English	Mining Corp. of Canada Ltd.	Geological Map only
1959	GM09122	Ground Geophysics	ABEM Electromagnetic Gun (EMG) EM	English	Nealon Mines Ltd.	No conductors located
1959	GM09123	Ground Geophysics	Magnetometer	English	Nealon Mines Ltd.	1 page report, relatively flat magnetics
1971	DP 762	Airborne Geophysics	AEM, AM (Regional)	French	Gouvernement du Québec, Department of Natural Resources	6 channel Input Mark V AEM survey; no anomalies detected on Magusi West property; much of the property underlain by conductive overburden; little use
1972	GM27869	Geology	Technical Evaluation	English	Protea Developments Ltd.	Report is compilation of company & government geological reports; visit to property during winter.
1972 & 1973	GM28414	Ground Geophysics	VLF-EM, magnetometer, Crone HLEM	English	Protea Developments Ltd.	1 strong VLF-EM conductor recommended for further examination; a follow-up HLEM survey completed in 1973, not filed for assessment.
1973	GM28965	Diamond Drilling	n/a	English	Atlantic Tungsten Corp., Protea Developments Ltd.	Report by F.P. Tagliamonte; DH tested VLF-EM & HLEM conductors; shear zone intersected in DH1973-1; nothing to explain EM anomaly in DH1973-2
1973	GM29196	Ground Geophysics	Magnetometer	English	Arcadia Explorations Ltd., Mustang Mines Ltd., New Insco Mines Ltd.	Survey defined low magnetic relief & 8 weak magnetic anomalies for possible follow-up.
1973	GM29197	Ground Geophysics	VLF-EM	English	Arcadia Explorations Ltd., Mustang Mines Ltd., New Insco Mines Ltd.	Numerous E-W-trending linear anomalies described as difficult to interpret
1973	GM29215	Ground Geophysics	VLF-EM, HLEM	English	New Insco Mines Ltd.	11 anomalies defined with 9 coincident VLF-EM-HLEM anomalies; conductive overburden present.
1973	GM29216	Ground Geophysics	Turam EM	English	New Insco Mines Ltd.	No anomalies defined; conductive overburden present.
1973	GM29247	Ground Geophysics	VLF-EM, magnetometer	English	ACAP Diversified Inc., New Insco Mines Ltd.	4 favourable anomalies identified within area of conductive overburden.
1973	GM29263	Ground Geophysics	VLF-EM, magnetometer	English	Muscocho Explorations Ltd., Troilus Mines Ltd.	Several linear coincident VLF & HLEM anomalies; all need ground checks & follow-up before drilling.
1973	GM29371	Ground Geophysics	Magnetometer, HLEM	English	Santa Maria Mines	No significant anomalies; conductive overburden area.
1973	GM29372	Ground Geophysics	VLF-EM	English	Santa Maria Mines	Conductors detected & interpreted as due to conductive overburden.
1974	GM29802	Geology	Mapping	English	Copperfield Mining Corporation Ltd., Iso Mines Ltd.	No specific property defined but mapping over a region; 400ft-spaced gridlines cut over work area.
1974	GM30326	Geology & Geophysics	Geological mapping & VLF-EM	English	F.P. Tagliamonte; E. Poirier, D. Hosking, J. Essery	Mapping & geophysics over same area; described within a single report
1974	GM30393	Geology	Mapping	English	Arcadia Explorations Ltd., Mustang Mines Ltd., New Insco Mines Ltd., Panacan Minerals & Oils Ltd.	The writer of the report did not like that the rocks mapped were mainly andesites & dacites & not the felsic fragmetal rocks associated with the Iso & New Insco VMS deposits located to the east.
1974	GM30428	Geology	Mapping	English	Lewis Red Lake Mines Ltd., New Insco Mines Ltd.	Authors positive about the geology of the property with respect to VMS exploration.
1974	GM30394	Ground Geophysics	HLEM	English	Arcadia Explorations Ltd., Mustang Mines Ltd., New Insco Mines Ltd., Panacan Minerals & Oils Ltd.	5 EM conductors defined with good conductivity; drilling recommended for 3 anomalies.
1974	GM30429	Ground Geophysics	Turam EM	English	Lewis Red Lake Mines Ltd., New Insco Mines Ltd.	11 conductors identified; 4 interpreted as possibly due to VMS mineralization; 6 DH recommended.
1974	GM30430	Ground Geophysics	HLEM	English	Arcadia Explorations Ltd., Mustang Mines Ltd., New Insco Mines Ltd., Panacan Minerals & Oils Ltd.	16 anomalies were defined; no report.
1974	GM30532	Ground Geophysics	Magnetometer	English	F. Tagliamonte, E. Poirier, New Insco Mines Ltd.	2 zones of potential interest were defined & a Turam survey was proposed.

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Exploration Activity within 1 km of Property Boundary						
Work Year	**Sigéom Report No.**	**Exploration Activity**	**Survey Type(s) & Methods**	**Language Written**	**Property Owner(s)**	**Comments/Results**
1974	**GM30637**	Ground Geophysics	HLEM	English	Arcadia Explorations Ltd., Mustang Mines Ltd., New Insco Mines Ltd., Panacan Minerals & Oils Ltd.	Covers the same survey documented in GM30430, but includes the report missing in GM30430; the maps in GM30430 better show the anomalies defined; the report interpreted 5 conductors to be possibly due to sulphides; recommended 4 be tested by DH & a 5th be detailed by further HLEM surveys.
1975	**GM31374**	Ground Geophysics	VLF-EM	English	F. Tagliamonte; E. Poirier, D. Hosking, J. Essery	Report refers to a Geological & Geophysical Rpt filed in GM30326; this report states that 2 conductors were interpreted as mineralized shear zones; recommended follow-up HLEM surveys.
1975	**GM32368**	Geochemistry	Pionjar, Basal till sampling	English	F. Tagliamonte	11 Pionjar-style overburden holes sampling basal till; no anomalous analytical results, no explanation for type of EM anomaly that prompted the survey.
1975	**GM31674**	Ground Geophysics	Magnetometer, HEM	English	New Insco Mines Ltd., Noranda Exploration Co. Ltd.	Author reports disappointing results with no specifics.
1975	**GM32174**	Ground Geophysics	MaxMin II EM	English	ACAP Diversified Inc., New Insco Mines Ltd.	Proposed a shallow DH to test an IP anomaly (detected in GM32175 survey) detailed by the somewhat inconclusive MaxMin II survey.
1975	**GM32175**	Ground Geophysics	IP-EM & Resistivity	English	ACAP Diversified Inc., New Insco Mines Ltd.	Same survey area as GM32174; survey completed as follow-up to an earlier Turam survey; detected 1 anomalous zone.
1976	**GM32176**	Diamond Drilling	n/a	English	ARCAP Diversified Inc., New Insco Mines Ltd.	Core logs, drill section, location/geology map, no report
1976	**GM32449**	Geology	Mapping	English	Arcadia Explorations Ltd., Noranda Explration Co. Ltd., Panacan Minerals & Oils Ltd.	Concluded that underlying rock-types not conducive to VMS mineralization.
1976	**GM31803**	Ground Geophysics	Pulse EM (TDEM)	English	Noranda Exploration Co. Ltd., Protea Developments Ltd.	Follow-up to a Turam Survey that failed to locate any bedrock conductors.
1976	**GM32220**	Ground Geophysics	IP-EM & Resistivity	English	F. Tagliamonte, E. Poirier, New Insco Mines Ltd.; Noranda Exploration Co. Ltd.	Survey failed to located significant anomalous zones; several weak anomalies detected; recommended detailed follow-up IP surveys.
1976	**GM32254**	Diamond Drilling	n/a	English	F. Tagliomonte, New Insco Mines Ltd, Noranda Exploration Co. Ltd.	DH as follow-up to IP-EM survey; no results stated.
1976	**GM32367**	Ground Geophysics	Magnetometer	English	F.P. Tagliamonte; E. Poirier, D. Hosking, J. Essery	VLF-EM survey follow-up; detected a magnetic anomaly coincident with VLF-EM anomaly; recommended HLEM & IP-EM/resisitivty survey follow-up.
1976	**GM32450**	Ground Geophysics	IP-EM & Resistivity	English	Arcadia Explorations Ltd., Noranda Exploration Co. Ltd., Panacan Minerals & Oils Ltd.	IP-EM follow-up to Turam anomalies in western third of property; detected 2 anomalies of possible interest; results of the survey considered disappointing.
1976	**GM32692**	Ground Geophysics	IP-EM & Resistivity	English	Protea Developments Ltd., Noranda Exploration Co. Ltd.	Survey was follow-up to weak Turam anomalies; 4 IP anomalies detected; recommended geological follow-up & drilling if Anomaly 4W favourable.
1976	**GM32864**	Ground Geophysics	IP-EM & Resistivity	English	New Insco Mines Ltd., Noranda Exploration Co. Ltd.	Survey failed to located any definite anomaloss zones; a few weak erratic anomalies detected within the southern portion of the claim group; recommended resurveying the area after winter over.
1976	**GM33274**	Ground Geophysics	ABEM Electromagnetic Gun (EMG)	English	F.P. Tagliamonte; E. Poirier, D. Hosking, J. Essery	No good conductors detected & no recommendations made.
1977	**GM33192**	Ground Geophysics	IP-EM & Resistivity	English	Arcadia Explorations Ltd., Noranda Exploration Co. Ltd., Panacan Minerals & Oils Ltd.	Disappointing results; no follow-up recommended.
1979	**DP 820**	Diamond Drilling	Stratigraphic Section Drilling	French	n/a	1979 stratigraphic drilling E of Magusi West; 9 DH (2482m, with logs) on a NNW-SSE section line; northern DH 580m E, southern DH 1420m E or Property; section completed along strike from the Magusi & Fabie Bay deposits; 1 cross-section includes all holes; location map with geology; whole rock analyses for DH H-79-1; Au assays for DH's H-79-5 & -7; good cross-section of the the eastern Magusi West geology.
1980	**GM36687**	Geology	Summary Report	English	Corbeau Resources Ltd.	Summary written shortly after property acquisition; work program recommended, but none completed; report includes 2 useful compilation maps.
1981	**GM37954**	Ground Geophysics	IP-EM & Resistivity	French	F.P. Tagliamonte, SOQUEM	

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1982	**GM38305**	Diamond Drilling	n/a	French	F.P. Tagliomonte, SOQUEM	2 DH (305m), within eastern & southeastern parts of the present Property, tested EM anomalies, no anomalous intersections obtained.
1981	**GM37977**	Trenching & Geochemistry	Chip sampling	English	Corbeau Resources Ltd.	8 rock trenches excavated; 17 chip samples; 70lb bulk sample; 2 chip samples graded 0.005 oz Au/ton; 1500ft of drilling recommended to test auriferous shear & untested Turam anomalies.
1984	**GM41641**	Geology	Summary Report	English	Aunore Resources Inc.	Recce geological mapping, rock & soil geochemistry over large area (>104km^2); not confined to specific claims; surveys overlapped present Property with some samples taken within boundaries; no anomalous soil or rock samples taken within or near the claims. minimal use for report, but may be useful for a regional compilation.
1984	**GM41877**	Geology	Summary Report	English	Churchill Energy Inc., F. Tagliamonte	Summarizes property geology, geophysics, & mineralization; recommends work program.
1984	**GM41733**	Airborne Geophysics	REXHEM-3	French	Aunore Resources Inc.	Airborne survey over large property located north & NE of Magusi West.
1985	**GM42796**	Geology	Summary Report	English	Midnapore Resources Inc.	Report & maps document geological mapping, rock & humus soil geochemistry, & VLF-EM & magnetometer surveys; results show erratic Au values.
1985	**GM42047**	Geochemistry	Rocks, Soils (Humus)	English	Aunore Resources Inc.	Most of large claim group located N & NE of Property; report an addendum to GM41641; part of same group surveyed in GM41733; map contours show several Zn & 1 Cu anomaly near the Magusi West Property.
1985	**GM42938**	Ground Geophysics	Magnetometer, VLF-EM	French	Midnapore Resources Inc.	2 EM anomalies defined; several rock samples taken at Au showing returned anomalous, but not significant Au values.
1985	**GM44090**	Trenching & Geochemistry	Rock Sampling	English	Midnapore Resources Inc.	10 overburden pits & trenches, all but Pit #3 were extensions of 1930' vintage hand dug trenches; anomalous, not significant Au in 2 Showing trench samples; 1 West Showing sample graded 0.17% Cu & another 0.04% Cu.
1986	**DP-86-17**	Airborne Geophysics	AEM (Regional)	French	Ministère de l'Énergie des Ressources du Québec	6 channel Input Mark VI AEM survey (better depth penetration than earlier Mark V surveys, but still <50m); 4 anomalies on Magusi West; 1 a Channel 3 & the others Channel 2 anomalies; 4 Channel 2 anomalies marginal to claims; all anomalies worthy of follow-up, if not already examined.
1986	**GM44076**	Diamond Drilling	n/a	English	Midnapore Resources Inc.	Report includes logs & sections; anomalous Au values intersected locally; 1.32% Cu/1ft in DH MPSH86-4; zone strikes onto Magusi West.
1986	**GM44187**	Diamond Drilling	n/a	English	Midnapore Resources Inc.	DH program tested IP-EM anomalies detected in an earlier 1986 survey; 2 holes from earlier 1986 DH program extended; DH MNPH85-1 intersected 0.06 opt Au/1.5ft, DHMNPH-4 intersected 1.32% Cu & 0.11% Zn/1.0ft, & DHMNPH-6 intersected 1.74% Zn/1.5ft.
1987	**DV-87-04**	Airborne Geophysics	AEM, AM (Regional)	French	Ministère de l'Énergie des Ressources du Québec	6 channel Input (Mark VI?) AEM survey; 4 weak anomalies on Magusi West; one a Channel 3 & the others Channel 2 anomalies; 3 other Channel 2 anomalies marginal to the claims; all anomalies appear to be duplicates of the 1986 survey.
1987	**GM45623**	Geology	Summary Report	French	Aunore Exploration Inc.	Some of compilation work done within or near the present property; report may be useful in property & regional compilations; shows geochemical & airborne EM anomaly locations on or near the Property.
1989	**GM48785**	Ground Geophysics	IP-EM & Resistivity, HEM, Magnetometer	French	Noranda Exploration Ltd.	IP-EM defined ten 2nd & 3rd priority anomalies; HEM defined two 3rd priority anomalies.
1990	**GM49534**	Ground Geophysics	Magnetometer	French	Noranda Exploration Ltd.	
1989 1990	**GM50156**	Diamond Drilling	n/a	French	Noranda Exploration Ltd., Nova-Cogesco Resources Inc.	One DH into Tagliamonte Property adjacent to present claims became discovery hole for TA-89-01 Ag occurrence; other 4 holes drilled >1km away; some elevated Ag & Cu analyses, but nothing significant.
1990	**GM50205**	Diamond Drilling	n/a	French	Noranda Exploration Ltd., Orcana Resources Ltd.	4 DH (1375m), 2 in property (TA-90-02 & -03); no significant analyses obtained, a few slightly anomalous Au values locally.
1996	**DP-96-02**	Airborne Geophysics	Data Compilation	French	No owners	Reprocessing of historical airborne geophysical data for large regiona encompassing the Property, Rouyn-Noranda, Amos, La Sarre & western Val d'Or.
2002	**?**	Airborne Geophysics	MegaTEM	?	Noranda Inc, Novicourt Ince, Virginia Gold Mines Inc.	Existence of survey gleaned from data file GM61200, below; no report or maps found in SIGÉOM database.

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Exploration Activity within 1 km of Property Boundary						
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2003	**GM61200**	Ground Geophysics	Surface & Borehole TEM	English	Noranda Inc.	Multiple grids for multiple properties in multiple townships; HEB-104 & HEB-105, in Hebecourt Twp Magusi West; profiles available, but no interpretation; surface TEM only; done as follow-up to the Lac Duparquet-Rouyn-Noranda airborne MegaTEM survey.
2007	**GM64444**	Airborne Geophysics	AeroTEM EM, Radiometric & Magnetometer	English	First Metals Inc.	No interpretation; one set of maps is directly adjacent to Magusi West & slightly overlaps with E boundary; 4 very weak anomalies defined within E Magusi West (overburden response?).
2011	**GM65855**	Geology	Summary Report	English	F. Tagliamonte	Dociments prospecting, a beep map survey, & channel sampling; 12 channel samples, 1 grab sample; no significant values were obtained .
2012	**GM67376**	Airborne Geophysics	GPR-TDEM, AM	English	Northern Skye Resources Ltd., Wolf Mountain Exploration	Helicopter-borne Time-Domain EM/magnetometer survey; 140 anomalies detected; report states that "almost all the picked EM anomalies show weak time constant values & a large single peak signature; this anomaly shape can be explained by overburden valleys, thick vertical bodies, or a combined effect of thick overburden over thin vertical bodies"
2013	**GM67825**	Diamond Drilling	n/a	English	Northern Skye Resources Ltd.	4 DH targeted EM anomalies; DH H12-001 drilled near the boundaries of the Magusi West Property.
2015	**GM69036**	Ground Geophysics	Beep Mat	English	Mag Copper Ltd.	Survey also completed over 2 other areas well away from Magusi West; 77 anomalies; it was recommended that all anomalies be ground checked.

Appendix 2
Certificates of Analysis
Soil Geochemistry Survey

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Page: 1
Total # Pages: 9 (A)
Plus Appendix Pages
Finalized Date: 26-SEP-2023
This copy reported on
10-OCT-2023
Account: REUGERJ

CERTIFICATE TB23239398

Project: Hebecourt, Loney Option

This report is for 301 samples of Soil submitted to our lab in Thunder Bay, ON, Canada on 25-AUG-2023.

The following have access to data associated with this certificate:

ALLAN MACTAVISH	ROB REUKL	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-34	Pulp Splitting Charge
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	34 element four acid ICP-AES	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number.Results apply to samples as submitted.All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: K045681 and K045682 are dup pair.

Signature:
Saa Traxler, Director, North Vancouver Operations

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Total # Pages: 9 (A)
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Project: Hebecourt, Loney Option

CERTIFICATE OF ANALYSIS TB23239398

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Cu ppm 1	ME-ICP61 Zn ppm 2
K045501		0.30	<0.005	<0.5	38	127
K045502		0.27	<0.005	<0.5	46	121
K045503		0.29	<0.005	<0.5	43	120
K045504		0.32	<0.005	<0.5	46	121
K045505		0.24	<0.005	<0.5	28	110
K045506		0.33	<0.005	<0.5	35	111
K045507		0.42	<0.005	<0.5	32	99
K045508		0.29	<0.005	<0.5	23	64
K045509		0.37	<0.005	<0.5	36	99
K045510		0.34	<0.005	<0.5	33	143
K045511		0.34	<0.005	<0.5	33	164
K045512		0.30	<0.005	<0.5	25	125
K045513		0.34	<0.005	<0.5	33	135
K045514		0.32	<0.005	<0.5	36	111
K045515		0.31	<0.005	<0.5	28	118
K045516		0.34	<0.005	<0.5	34	109
K045517		0.33	<0.005	<0.5	38	112
K045518		0.06	NSS	<0.5	31	44
K045519		0.06	0.030	<0.5	37	70
K045520		0.05	0.023	<0.5	26	23
K045521		<0.02	NSS	<0.5	26	27
K045522		0.08	0.025	<0.5	41	89
K045523		0.06	0.005	<0.5	23	22
K045524		0.09	0.018	<0.5	33	75
K045525		0.09	0.019	<0.5	22	53
K045526		0.13	0.008	<0.5	29	68
K045527		0.12	0.020	<0.5	31	48
K045528		0.15	0.018	<0.5	36	56
K045529		0.34	<0.005	<0.5	29	88
K045530		0.34	0.005	<0.5	22	68
K045531		0.37	<0.005	<0.5	34	95
K045532		0.35	<0.005	<0.5	23	93
K045533		0.46	<0.005	<0.5	22	75
K045534		0.40	<0.005	<0.5	29	105
K045535		0.40	<0.005	<0.5	28	113
K045536		0.30	<0.005	<0.5	20	110
K045537		0.29	<0.005	<0.5	14	110
K045538		0.30	<0.005	<0.5	6	37
K045539		0.21	0.005	<0.5	15	60
K045540		0.31	0.006	<0.5	10	34

Comments: K045681 and K045682 are dup pair.

***** See Appendix Page for comments regarding this certificate *****

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Project: Hebecourt, Loney Option

CERTIFICATE OF ANALYSIS TB23239398

Sample Description	Method	WEI-21	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Cu	Zn
	Units	kg	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.5	1	2
K045541		0.29	0.005	<0.5	5	37
K045542		0.32	0.005	<0.5	6	40
K045543		0.09	0.009	<0.5	14	31
K045544		0.21	0.005	<0.5	12	46
K045545		0.23	0.005	<0.5	4	22
K045546		0.22	0.008	<0.5	6	23
K045547		0.24	0.014	<0.5	3	21
K045548		0.13	0.072	<0.5	15	33
K045549		0.09	0.013	<0.5	27	41
K045550		0.33	<0.005	<0.5	11	26
K045551		0.21	<0.005	<0.5	12	30
K045552		0.25	<0.005	<0.5	4	29
K045553		0.32	<0.005	<0.5	11	53
K045554		0.30	<0.005	<0.5	16	97
K045555		0.26	<0.005	<0.5	18	90
K045556		0.22	0.011	<0.5	25	128
K045557		0.33	0.005	<0.5	28	145
K045558		0.32	<0.005	<0.5	16	99
K045559		0.19	0.156	<0.5	12	74
K045560		0.31	<0.005	<0.5	12	53
K045561		<0.02	<0.005	<0.5	11	53
K045562		0.22	<0.005	<0.5	18	88
K045563		0.26	0.016	<0.5	11	68
K045564		0.22	<0.005	<0.5	13	62
K045565		0.28	<0.005	<0.5	32	81
K045566		0.17	0.005	<0.5	6	25
K045567		0.25	0.005	<0.5	10	37
K045568		0.24	<0.005	<0.5	9	40
K045569		0.23	<0.005	<0.5	6	29
K045570		0.21	<0.005	<0.5	13	33
K045571		0.27	0.005	<0.5	20	98
K045572		0.24	<0.005	<0.5	12	50
K045573		0.19	<0.005	<0.5	16	141
K045574		0.28	<0.005	<0.5	28	127
K045575		0.34	<0.005	<0.5	8	47
K045576		0.29	0.006	<0.5	3	21
K045577		0.43	0.007	<0.5	30	98
K045578		0.23	<0.005	<0.5	8	42
K045579		0.21	0.027	<0.5	10	49
K045580		0.28	<0.005	<0.5	9	34

Comments: K045681 and K045682 are dup pair.

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Project: Hebecourt, Loney Option

CERTIFICATE OF ANALYSIS TB23239398

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Cu ppm 1	ME-ICP61 Zn ppm 2
K045581		0.37	<0.005	<0.5	16	74
K045582		0.26	<0.005	<0.5	34	99
K045583		0.21	0.005	<0.5	17	92
K045584		0.21	<0.005	<0.5	6	28
K045585		0.13	0.011	<0.5	19	86
K045586		0.28	0.005	<0.5	12	34
K045587		0.27	0.008	<0.5	19	40
K045588		0.31	0.007	<0.5	13	45
K045589		0.20	0.010	<0.5	7	39
K045590		0.14	0.005	<0.5	12	46
K045591		0.20	<0.005	<0.5	22	98
K045592		0.24	0.006	<0.5	20	62
K045593		0.27	0.005	<0.5	32	114
K045594		0.24	0.006	<0.5	42	118
K045595		0.27	0.007	<0.5	30	133
K045596		0.28	<0.005	<0.5	31	91
K045597		0.21	0.007	<0.5	37	141
K045598		0.26	<0.005	<0.5	17	86
K045599		0.26	<0.005	<0.5	14	89
K045600		0.18	<0.005	<0.5	22	134
K045601		<0.02	0.014	<0.5	22	117
K045602		0.30	<0.005	<0.5	28	115
K045603		0.18	<0.005	<0.5	31	123
K045604		0.18	0.006	<0.5	26	124
K045605		0.21	<0.005	<0.5	16	113
K045606		0.30	0.006	<0.5	33	130
K045607		0.37	0.014	<0.5	31	104
K045608		0.23	<0.005	<0.5	27	115
K045609		0.37	<0.005	<0.5	9	33
K045610		0.25	<0.005	<0.5	17	89
K045611		0.16	<0.005	<0.5	11	62
K045612		0.16	<0.005	<0.5	16	93
K045613		0.18	<0.005	<0.5	26	156
K045614		0.15	<0.005	<0.5	27	116
K045615		0.22	<0.005	<0.5	27	113
K045616		0.24	<0.005	<0.5	20	89
K045617		0.22	<0.005	<0.5	39	117
K045618		0.18	<0.005	<0.5	18	88
K045619		0.21	0.005	<0.5	25	116
K045620		0.34	0.009	<0.5	9	30

Comments: K045681 and K045682 are dup pair.

***** See Appendix Page for comments regarding this certificate *****

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To: RJ REUKL GEOLOGICAL SERVICES
510-130 BRODIE STREET SOUTH
THUNDER BAY ON P7E 6M3

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CERTIFICATE OF ANALYSIS TB23239398

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Cu ppm 1	ME-ICP61 Zn ppm 2
K045621		0.18	<0.005	<0.5	28	110
K045622		0.30	0.006	<0.5	11	73
K045623		0.27	0.006	<0.5	17	96
K045624		0.25	<0.005	<0.5	20	101
K045625		0.28	<0.005	<0.5	20	65
K045626		0.24	0.021	<0.5	43	119
K045627		0.26	<0.005	<0.5	13	67
K045628		0.31	<0.005	<0.5	4	42
K045629		0.20	<0.005	<0.5	13	54
K045630		0.17	<0.005	<0.5	27	102
K045631		0.19	<0.005	<0.5	23	100
K045632		0.26	<0.005	<0.5	27	123
K045633		0.34	0.005	<0.5	20	109
K045634		0.19	<0.005	<0.5	21	97
K045635		0.23	0.005	<0.5	22	105
K045636		0.28	<0.005	<0.5	23	108
K045637		0.32	0.005	<0.5	30	144
K045638		0.28	<0.005	<0.5	34	170
K045639		0.24	0.025	<0.5	34	197
K045640		0.35	<0.005	<0.5	17	77
K045641		<0.02	0.015	<0.5	17	77
K045642		0.34	0.005	<0.5	27	91
K045643		0.36	<0.005	<0.5	23	117
K045644		0.26	<0.005	<0.5	41	134
K045645		0.30	<0.005	<0.5	26	109
K045646		0.34	<0.005	<0.5	24	96
K045647		0.26	<0.005	<0.5	17	83
K045648		0.38	0.005	<0.5	23	66
K045649		0.35	<0.005	<0.5	14	79
K045650		0.26	<0.005	<0.5	13	73
K045651		0.29	0.005	<0.5	26	119
K045652		0.26	<0.005	<0.5	23	114
K045653		0.19	<0.005	<0.5	12	70
K045654		0.21	<0.005	<0.5	8	61
K045655		0.24	<0.005	<0.5	8	59
K045656		0.26	0.007	<0.5	6	36
K045657		0.34	<0.005	<0.5	38	54
K045658		0.19	<0.005	<0.5	25	81
K045659		0.21	0.005	<0.5	21	70
K045660		0.35	<0.005	<0.5	9	30

Comments: K045681 and K045682 are dup pair.

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Sample Description	Method	WEI-21	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Cu	Zn
	Units	kg	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.5	1	2
K045661		0.28	<0.005	<0.5	21	85
K045662		0.21	<0.005	<0.5	20	80
K045663		0.36	<0.005	<0.5	16	63
K045664		0.30	<0.005	<0.5	15	67
K045665		0.30	<0.005	<0.5	16	71
K045666		0.31	<0.005	<0.5	22	79
K045667		0.22	<0.005	<0.5	16	65
K045668		0.29	<0.005	<0.5	14	53
K045669		0.17	<0.005	<0.5	20	67
K045670		0.36	0.005	<0.5	6	37
K045671		0.25	<0.005	<0.5	13	46
K045672		0.25	0.005	<0.5	13	73
K045673		0.20	<0.005	<0.5	6	40
K045674		0.15	<0.005	<0.5	7	36
K045675		0.14	<0.005	<0.5	8	51
K045676		0.29	<0.005	<0.5	11	49
K045677		0.31	<0.005	<0.5	10	49
K045678		0.07	0.008	<0.5	46	33
K045679		0.07	0.010	<0.5	22	38
K045680		0.18	0.006	<0.5	6	12
K045681		<0.02	<0.005	<0.5	23	18
K045682		0.23	0.005	<0.5	21	18
K045683		0.05	0.009	<0.5	62	46
K045684		0.09	0.060	<0.5	62	96
K045685		0.29	<0.005	<0.5	15	53
K045686		0.14	<0.005	<0.5	16	52
K045687		0.27	<0.005	<0.5	17	58
K045688		0.21	<0.005	<0.5	18	110
K045689		0.20	<0.005	<0.5	11	87
K045690		0.28	<0.005	<0.5	7	25
K045691		0.27	<0.005	<0.5	10	48
K045692		0.34	<0.005	<0.5	18	65
K045693		0.33	<0.005	<0.5	16	71
K045694		0.31	<0.005	<0.5	23	89
K045695		0.37	<0.005	<0.5	23	80
K045696		0.31	<0.005	<0.5	17	72
K045697		0.26	<0.005	<0.5	12	66
K045698		0.36	<0.005	<0.5	18	84
K045699		0.30	<0.005	<0.5	25	104
K045700		0.37	<0.005	<0.5	10	34

Comments: K045681 and K045682 are dup pair.

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Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Cu ppm 1	ME-ICP61 Zn ppm 2
K045701		0.31	<0.005	<0.5	17	114
K045702		0.33	<0.005	<0.5	23	91
K045703		0.40	0.035	<0.5	28	89
K045704		0.33	<0.005	<0.5	34	109
K045705		0.27	<0.005	<0.5	39	108
K045706		0.30	<0.005	<0.5	33	79
K045707		0.45	<0.005	<0.5	16	51
K045708		0.42	<0.005	<0.5	22	62
K045709		0.32	<0.005	<0.5	17	72
K045710		0.35	<0.005	<0.5	18	74
K045711		0.23	<0.005	<0.5	28	128
K045712		0.35	<0.005	<0.5	31	111
K045713		0.42	<0.005	<0.5	14	40
K045714		0.26	<0.005	<0.5	19	47
K045715		0.20	<0.005	<0.5	10	41
K045716		0.28	<0.005	<0.5	22	80
K045717		0.29	0.010	<0.5	21	81
K045718		0.28	<0.005	<0.5	29	140
K045719		0.31	<0.005	<0.5	26	123
K045720		0.27	<0.005	<0.5	24	96
K045721		<0.02	0.005	<0.5	24	97
K045722		0.28	<0.005	<0.5	31	98
K045723		0.28	<0.005	<0.5	24	109
K045724		0.18	<0.005	<0.5	18	118
K045725		0.28	<0.005	<0.5	16	111
K045726		0.19	<0.005	<0.5	13	64
K045727		0.24	<0.005	<0.5	5	40
K045728		0.21	<0.005	<0.5	13	79
K045729		0.26	<0.005	<0.5	23	91
K045730		0.35	<0.005	<0.5	29	101
K045731		0.21	<0.005	<0.5	16	114
K045732		0.19	<0.005	<0.5	17	99
K045733		0.28	<0.005	<0.5	20	109
K045734		0.19	<0.005	<0.5	22	121
K045735		0.27	<0.005	<0.5	9	50
K045736		0.26	<0.005	<0.5	8	60
K045737		0.31	<0.005	<0.5	8	38
K045738		0.23	<0.005	<0.5	17	75
K045739		0.27	<0.005	<0.5	25	82
K045740		0.24	<0.005	<0.5	7	28

Comments: K045681 and K045682 are dup pair.

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Sample Description	Method	WEI-21	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Cu	Zn
	Units	kg	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.5	1	2
K045741		0.45	<0.005	<0.5	23	90
K045742		0.42	<0.005	<0.5	15	85
K045743		0.22	<0.005	<0.5	8	65
K045744		0.32	<0.005	<0.5	11	68
K045745		0.36	<0.005	<0.5	14	66
K045746		0.29	<0.005	<0.5	14	97
K045747		0.15	<0.005	<0.5	11	92
K045748		0.28	<0.005	<0.5	3	37
K045749		0.23	<0.005	<0.5	5	32
K045750		0.18	<0.005	<0.5	5	50
K045751		0.18	<0.005	<0.5	12	68
K045752		0.29	0.006	<0.5	12	45
K045753		0.32	<0.005	<0.5	12	50
K045754		0.17	<0.005	<0.5	9	50
K045755		0.22	<0.005	<0.5	3	21
K045756		0.26	<0.005	<0.5	3	30
K045757		0.21	<0.005	<0.5	16	57
K045758		0.16	<0.005	<0.5	15	59
K045759		0.23	<0.005	<0.5	13	75
K045760		<0.02	<0.005	<0.5	13	75
K045761		0.24	<0.005	<0.5	21	76
K045762		0.32	<0.005	<0.5	21	81
K045763		0.19	<0.005	<0.5	23	109
K045764		0.28	<0.005	<0.5	28	86
K045765		0.29	0.008	<0.5	39	115
K045766		0.15	<0.005	<0.5	30	80
K045767		0.28	<0.005	<0.5	33	105
K045768		0.27	0.007	<0.5	26	141
K045769		0.26	<0.005	<0.5	30	113
K045770		0.24	<0.005	<0.5	31	164
K045771		0.17	0.005	<0.5	38	139
K045772		0.25	<0.005	<0.5	33	129
K045773		0.16	0.005	<0.5	31	130
K045774		0.22	<0.005	<0.5	21	101
K045775		0.12	<0.005	<0.5	43	144
K045776		0.22	<0.005	<0.5	29	157
K045777		0.18	<0.005	<0.5	30	128
K045778		0.25	<0.005	<0.5	20	95
K045779		0.14	<0.005	<0.5	22	134
K045780		0.30	<0.005	<0.5	10	29

Comments: K045681 and K045682 are dup pair.

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Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Cu ppm 1	ME-ICP61 Zn ppm 2
K045781		0.22	<0.005	<0.5	32	121
K045782		0.28	<0.005	<0.5	14	84
K045783		0.12	<0.005	<0.5	17	111
K045784		0.19	<0.005	<0.5	16	123
K045785		0.26	<0.005	<0.5	23	88
K045786		0.24	<0.005	<0.5	40	163
K045787		0.26	<0.005	<0.5	34	163
K045788		0.28	<0.005	<0.5	34	154
K045789		0.24	<0.005	<0.5	26	110
K045790		0.26	<0.005	<0.5	18	76
K045791		0.25	<0.005	<0.5	30	122
K045792		0.22	<0.005	<0.5	18	94
K045793		0.26	0.005	<0.5	29	114
K045794		0.23	0.005	<0.5	28	145
K045795		0.14	<0.005	<0.5	24	131
K045796		0.10	<0.005	<0.5	19	115
K045797		0.20	<0.005	<0.5	18	87
K045798		0.23	<0.005	<0.5	22	110
K045799		0.15	<0.005	<0.5	26	81
K045800		0.38	<0.005	<0.5	22	116
K045801		<0.02	<0.005	<0.5	30	114

Comments: K045681 and K045682 are dup pair.

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CERTIFICATE OF ANALYSIS TB23239398

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
Applies to Method: LOG-21 LOG-21d SCR-41 SPL-34 WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au-AA23 ME-ICP61

Appendix 3
Response Ratios Table
Soil Geochemistry Survey
(Anomalous Response Ratios Highlighted in Orange)

Magusi West Property: Soil Geochemistry Survey Analytical Results and Response Ratios Table

Sample	Location (Zone 17U)		Au (ppm)	Response	Ag (ppm)	Response	Cu (ppm)	Response	Zn (ppm)	Response
Number	UTM-N (m)	UTM-E (m)	Au-AA23	Ratio Au	ME-ICP61	Ratio Ag	ME-ICP61	Ratio Cu	ME-ICP61	Ratio Zn
K045501	5366000	612975	<0.005	1	<0.5	1	38	3	127	2
K045502	5365975	612999	<0.005	1	<0.5	1	46	4	121	2
K045503	5365950	613000	<0.005	1	<0.5	1	43	3	120	2
K045504	5365925	613000	<0.005	1	<0.5	1	46	4	121	2
K045505	5365900	613000	<0.005	1	<0.5	1	28	2	110	2
K045506	5365875	613000	<0.005	1	<0.5	1	35	3	111	2
K045507	5365850	613000	<0.005	1	<0.5	1	32	2	99	2
K045508	5365825	613000	<0.005	1	<0.5	1	23	2	64	1
K045509	5365800	613000	<0.005	1	<0.5	1	36	3	99	2
K045510	5365775	613000	<0.005	1	<0.5	1	33	3	143	3
K045511	5365750	613000	<0.005	1	<0.5	1	33	3	164	3
K045512	5365725	613000	<0.005	1	<0.5	1	25	2	125	2
K045513	5365700	613000	<0.005	1	<0.5	1	33	3	135	2
K045514	5365675	613000	<0.005	1	<0.5	1	36	3	111	2
K045515	5365650	613000	<0.005	1	<0.5	1	28	2	118	2
K045516	5365625	613000	<0.005	1	<0.5	1	34	3	109	2
K045517	5365600	613000	<0.005	1	<0.5	1	38	3	112	2
K045519	5365975	613400	0.0300	12	<0.5	1	37	3	70	1
K045522	5365925	613400	0.0250	10	<0.5	1	41	3	89	2
K045523	5365900	613400	0.0050	2	<0.5	1	23	2	22	1
K045524	5365875	613400	0.0180	7	<0.5	1	33	3	75	1
K045525	5365850	613400	0.0190	8	<0.5	1	22	2	53	1
K045526	5365825	613400	0.0080	3	<0.5	1	29	2	68	1
K045527	5365800	613400	0.0200	8	<0.5	1	31	2	48	1
K045528	5365775	613400	0.0180	7	<0.5	1	36	3	56	1
K045529	5365750	613400	<0.005	1	<0.5	1	29	2	88	2
K045530	5365725	613400	0.0050	2	<0.5	1	22	2	68	1
K045531	5365700	613400	<0.005	1	<0.5	1	34	3	95	2
K045532	5365675	613400	<0.005	1	<0.5	1	23	2	93	2
K045533	5365650	613400	<0.005	1	<0.5	1	22	2	75	1
K045534	5365625	613400	<0.005	1	<0.5	1	29	2	105	2
K045535	5365600	613400	<0.005	1	<0.5	1	28	2	113	2
K045536	5365150	614300	<0.005	1	<0.5	1	20	2	110	2
K045537	5365175	614300	<0.005	1	<0.5	1	14	1	110	2
K045538	5365200	614300	<0.005	1	<0.5	1	6	1	37	1
K045539	5365225	614300	0.0050	2	<0.5	1	15	1	60	1
K045541	5365250	614300	0.0050	2	<0.5	1	5	1	37	1
K045542	5365275	614300	0.0050	2	<0.5	1	6	1	40	1
K045543	5365300	614300	0.0090	4	<0.5	1	14	1	31	1
K045544	5365325	614300	0.0050	2	<0.5	1	12	1	46	1
K045545	5365350	614300	0.0050	2	<0.5	1	4	1	22	1
K045546	5365375	614300	0.0080	3	<0.5	1	6	1	23	1
K045547	5365400	614300	0.0140	6	<0.5	1	3	1	21	1
K045548	5365425	614300	0.0720	29	<0.5	1	15	1	33	1
K045549	5365450	614300	0.0130	5	<0.5	1	27	2	41	1
K045550	5365475	614300	<0.005	1	<0.5	1	11	1	26	1
K045551	5365500	614300	<0.005	1	<0.5	1	12	1	30	1
K045552	5365525	614300	<0.005	1	<0.5	1	4	1	29	1
K045553	5365550	614300	<0.005	1	<0.5	1	11	1	53	1
K045554	5365575	614300	<0.005	1	<0.5	1	16	1	97	2
K045555	5365625	614300	<0.005	1	<0.5	1	18	1	90	2
K045556	5365650	614300	0.0110	4	<0.5	1	25	2	128	2
K045557	5365675	614300	0.0050	2	<0.5	1	28	2	145	3
K045558	5365700	614300	<0.005	1	<0.5	1	16	1	99	2
K045559	5365725	614300	0.1560	62	<0.5	1	12	1	74	1
K045561	5365750	614300	<0.005	1	<0.5	1	11	1	53	1
K045562	5365775	614300	<0.005	1	<0.5	1	18	1	88	2
K045563	5365795	614300	0.0160	6	<0.5	1	11	1	68	1
K045564	5365800	614300	<0.005	1	<0.5	1	13	1	62	1

Magusi West Property: Soil Geochemistry Survey Analytical Results and Response Ratios Table										
Sample	Location (Zone 17U)		Au (ppm)	Response	Ag (ppm)	Response	Cu (ppm)	Response	Zn (ppm)	Response
Number	UTM-N (m)	UTM-E (m)	Au-AA23	Ratio Au	ME-ICP61	Ratio Ag	ME-ICP61	Ratio Cu	ME-ICP61	Ratio Zn
K045565	5365825	614300	<0.005	1	<0.5	1	32	2	81	1
K045566	5365850	614300	0.0050	2	<0.5	1	6	1	25	1
K045567	5365875	614300	0.0050	2	<0.5	1	10	1	37	1
K045568	5365900	614300	<0.005	1	<0.5	1	9	1	40	1
K045569	5365925	614300	<0.005	1	<0.5	1	6	1	29	1
K045570	5365950	614300	<0.005	1	<0.5	1	13	1	33	1
K045571	5365200	614600	0.0050	2	<0.5	1	20	2	98	2
K045572	5365225	614600	<0.005	1	<0.5	1	12	1	50	1
K045573	5365250	614600	<0.005	1	<0.5	1	16	1	141	3
K045574	5365275	614600	<0.005	1	<0.5	1	28	2	127	2
K045575	5365300	614600	<0.005	1	<0.5	1	8	1	47	1
K045576	5365325	614600	0.0060	2	<0.5	1	3	1	21	1
K045577	5365350	614600	0.0070	3	<0.5	1	30	2	98	2
K045578	5365350	614600	<0.005	1	<0.5	1	8	1	42	1
K045579	5365375	614600	0.0270	11	<0.5	1	10	1	49	1
K045581	5365550	614600	<0.005	1	<0.5	1	16	1	74	1
K045582	5365525	614600	<0.005	1	<0.5	1	34	3	99	2
K045583	5365550	614600	0.0050	2	<0.5	1	17	1	92	2
K045584	5365575	614600	<0.005	1	<0.5	1	6	1	28	1
K045585	5365600	614600	0.0110	4	<0.5	1	19	1	86	2
K045586	5365625	614600	0.0050	2	<0.5	1	12	1	34	1
K045587	5365750	614600	0.0080	3	<0.5	1	19	1	40	1
K045588	5365700	614600	0.0070	3	<0.5	1	13	1	45	1
K045589	5365725	614600	0.0100	4	<0.5	1	7	1	39	1
K045590	5365750	614600	0.0050	2	<0.5	1	12	1	46	1
K045591	5365850	614600	<0.005	1	<0.5	1	22	2	98	2
K045592	5365875	614600	0.0060	2	<0.5	1	20	2	62	1
K045593	5365900	614600	0.0050	2	<0.5	1	32	2	114	2
K045594	5365925	614600	0.0060	2	<0.5	1	42	3	118	2
K045595	5365950	614600	0.0070	3	<0.5	1	30	2	133	2
K045596	5365970	614600	<0.005	1	<0.5	1	31	2	91	2
K045597	5365975	614600	0.0070	3	<0.5	1	37	3	141	3
K045598	5364700	614300	<0.005	1	<0.5	1	17	1	86	2
K045599	5364725	614300	<0.005	1	<0.5	1	14	1	89	2
K045601	5364750	614300	0.0140	6	<0.5	1	22	2	117	2
K045602	5364775	614300	<0.005	1	<0.5	1	28	2	115	2
K045603	5364800	614300	<0.005	1	<0.5	1	31	2	123	2
K045604	5364825	614300	0.0060	2	<0.5	1	26	2	124	2
K045605	5364850	614300	<0.005	1	<0.5	1	16	1	113	2
K045606	5364875	614300	0.0060	2	<0.5	1	33	3	130	2
K045607	5364950	614300	0.0140	6	<0.5	1	31	2	104	2
K045608	5364975	614300	<0.005	1	<0.5	1	27	2	115	2
K045609	5365000	614300	<0.005	1	<0.5	1	9	1	33	1
K045610	5365025	614300	<0.005	1	<0.5	1	17	1	89	2
K045611	5364700	614600	<0.005	1	<0.5	1	11	1	62	1
K045612	5364725	614600	<0.005	1	<0.5	1	16	1	93	2
K045613	5364750	614600	<0.005	1	<0.5	1	26	2	156	3
K045614	5364775	614600	<0.005	1	<0.5	1	27	2	116	2
K045615	5364800	614600	<0.005	1	<0.5	1	27	2	113	2
K045616	5364825	614600	<0.005	1	<0.5	1	20	2	89	2
K045617	5364850	614600	<0.005	1	<0.5	1	39	3	117	2
K045618	5364875	614600	<0.005	1	<0.5	1	18	1	88	2
K045619	5364900	614600	0.0050	2	<0.5	1	25	2	116	2
K045621	5364925	614600	<0.005	1	<0.5	1	28	2	110	2
K045622	5364950	614600	0.0060	2	<0.5	1	11	1	73	1
K045623	5364975	614600	0.0060	2	<0.5	1	17	1	96	2
K045624	5365000	614600	<0.005	1	<0.5	1	20	2	101	2
K045625	5365025	614600	<0.005	1	<0.5	1	20	2	65	1
K045626	5365050	614600	0.0210	8	<0.5	1	43	3	119	2

Magusi West Property: Soil Geochemistry Survey Analytical Results and Response Ratios Table										
Sample	Location (Zone 17U)		Au (ppm)	Response	Ag (ppm)	Response	Cu (ppm)	Response	Zn (ppm)	Response
Number	UTM-N (m)	UTM-E (m)	Au-AA23	Ratio Au	ME-ICP61	Ratio Ag	ME-ICP61	Ratio Cu	ME-ICP61	Ratio Zn
K045627	5365075	614600	<0.005	1	<0.5	1	13	1	67	1
K045628	5365100	614600	<0.005	1	<0.5	1	4	1	42	1
K045629	5365125	614600	<0.005	1	<0.5	1	13	1	54	1
K045630	5365150	614600	<0.005	1	<0.5	1	27	2	102	2
K045631	5365175	614600	<0.005	1	<0.5	1	23	2	100	2
K045632	5367000	612900	<0.005	1	<0.5	1	27	2	123	2
K045633	5367025	612900	0.0050	2	<0.5	1	20	2	109	2
K045634	5367050	612900	<0.005	1	<0.5	1	21	2	97	2
K045635	5367075	612900	0.0050	2	<0.5	1	22	2	105	2
K045636	5367100	612900	<0.005	1	<0.5	1	23	2	108	2
K045637	5367125	612900	0.0050	2	<0.5	1	30	2	144	3
K045638	5367150	612900	<0.005	1	<0.5	1	34	3	170	3
K045639	5367175	612900	0.0250	10	<0.5	1	34	3	197	4
K045641	5367200	612900	0.0150	6	<0.5	1	17	1	77	1
K045642	5367225	612900	0.0050	2	<0.5	1	27	2	91	2
K045643	5367250	612900	<0.005	1	<0.5	1	23	2	117	2
K045644	5367275	612900	<0.005	1	<0.5	1	41	3	134	2
K045645	5367300	612900	<0.005	1	<0.5	1	26	2	109	2
K045646	5367325	612900	<0.005	1	<0.5	1	24	2	96	2
K045647	5367350	612900	<0.005	1	<0.5	1	17	1	83	2
K045648	5367375	612900	0.0050	2	<0.5	1	23	2	66	1
K045649	5367400	612900	<0.005	1	<0.5	1	14	1	79	1
K045650	5367425	612900	<0.005	1	<0.5	1	13	1	73	1
K045651	5367000	612800	0.0050	2	<0.5	1	26	2	119	2
K045652	5367025	612800	<0.005	1	<0.5	1	23	2	114	2
K045653	5367050	612800	<0.005	1	<0.5	1	12	1	70	1
K045654	5367075	612800	<0.005	1	<0.5	1	8	1	61	1
K045655	5367100	612800	<0.005	1	<0.5	1	8	1	59	1
K045656	5367125	612800	0.0070	3	<0.5	1	6	1	36	1
K045657	5367150	612800	<0.005	1	<0.5	1	38	3	54	1
K045658	5367175	612800	<0.005	1	<0.5	1	25	2	81	1
K045659	5367200	612800	0.0050	2	<0.5	1	21	2	70	1
K045661	5367225	612800	<0.005	1	<0.5	1	21	2	85	2
K045662	5367250	612800	<0.005	1	<0.5	1	20	2	80	1
K045663	5367275	612800	<0.005	1	<0.5	1	16	1	63	1
K045664	5367300	612800	<0.005	1	<0.5	1	15	1	67	1
K045665	5367325	612800	<0.005	1	<0.5	1	16	1	71	1
K045666	5367350	612800	<0.005	1	<0.5	1	22	2	79	1
K045667	5367375	612800	<0.005	1	<0.5	1	16	1	65	1
K045668	5367400	612800	<0.005	1	<0.5	1	14	1	53	1
K045669	5367425	612800	<0.005	1	<0.5	1	20	2	67	1
K045670	5365325	614800	0.0050	2	<0.5	1	6	1	37	1
K045671	5365350	614800	<0.005	1	<0.5	1	13	1	46	1
K045672	5365375	614800	0.0050	2	<0.5	1	13	1	73	1
K045673	5365425	614800	<0.005	1	<0.5	1	6	1	40	1
K045674	5365450	614800	<0.005	1	<0.5	1	7	1	36	1
K045675	5365475	614800	<0.005	1	<0.5	1	8	1	51	1
K045676	5365500	614800	<0.005	1	<0.5	1	11	1	49	1
K045677	5365525	614800	<0.005	1	<0.5	1	10	1	49	1
K045678	5365650	614800	0.0080	3	<0.5	1	46	4	33	1
K045679	5365675	614800	0.0100	4	<0.5	1	22	2	38	1
K045681	5365700	614800	<0.005	1	<0.5	1	23	2	18	1
K045682	5365725	614800	0.0050	2	<0.5	1	21	2	18	1
K045683	5365825	614800	0.0090	4	<0.5	1	62	5	46	1
K045684	5365875	614800	0.0600	24	<0.5	1	62	5	96	2
K045685	5365900	614800	<0.005	1	<0.5	1	15	1	53	1
K045686	5365925	614800	<0.005	1	<0.5	1	16	1	52	1
K045687	5365950	614800	<0.005	1	<0.5	1	17	1	58	1
K045688	5365975	614800	<0.005	1	<0.5	1	18	1	110	2

Magusi West Property: Soil Geochemistry Survey Analytical Results and Response Ratios Table										
Sample	Location (Zone 17U)		Au (ppm)	Response	Ag (ppm)	Response	Cu (ppm)	Response	Zn (ppm)	Response
Number	UTM-N (m)	UTM-E (m)	Au-AA23	Ratio Au	ME-ICP61	Ratio Ag	ME-ICP61	Ratio Cu	ME-ICP61	Ratio Zn
K045689	5366000	614800	<0.005	1	<0.5	1	11	1	87	2
K045690	5366025	614800	<0.005	1	<0.5	1	7	1	25	1
K045691	5366050	614800	<0.005	1	<0.5	1	10	1	48	1
K045692	5366075	614800	<0.005	1	<0.5	1	18	1	65	1
K045693	5366100	614800	<0.005	1	<0.5	1	16	1	71	1
K045694	5366115	614800	<0.005	1	<0.5	1	23	2	89	2
K045695	5366125	614800	<0.005	1	<0.5	1	23	2	80	1
K045696	5366150	614800	<0.005	1	<0.5	1	17	1	72	1
K045697	5366175	614800	<0.005	1	<0.5	1	12	1	66	1
K045698	5366200	614800	<0.005	1	<0.5	1	18	1	84	2
K045699	5365325	615000	<0.005	1	<0.5	1	25	2	104	2
K045701	5365350	615000	<0.005	1	<0.5	1	17	1	114	2
K045702	5365375	615000	<0.005	1	<0.5	1	23	2	91	2
K045703	5365400	615000	0.0350	14	<0.5	1	28	2	89	2
K045704	5365425	615000	<0.005	1	<0.5	1	34	3	109	2
K045705	5365450	615000	<0.005	1	<0.5	1	39	3	108	2
K045706	5365475	615000	<0.005	1	<0.5	1	33	3	79	1
K045707	5365500	615000	<0.005	1	<0.5	1	16	1	51	1
K045708	5365525	615000	<0.005	1	<0.5	1	22	2	62	1
K045709	5365550	615000	<0.005	1	<0.5	1	17	1	72	1
K045710	5365575	615000	<0.005	1	<0.5	1	18	1	74	1
K045711	5365600	615000	<0.005	1	<0.5	1	28	2	128	2
K045712	5365625	615000	<0.005	1	<0.5	1	31	2	111	2
K045713	5365650	615000	<0.005	1	<0.5	1	14	1	40	1
K045714	5365675	615000	<0.005	1	<0.5	1	19	1	47	1
K045715	5365700	615000	<0.005	1	<0.5	1	10	1	41	1
K045716	5365725	615000	<0.005	1	<0.5	1	22	2	80	1
K045717	5365750	615000	0.0100	4	<0.5	1	21	2	81	1
K045718	5365775	615000	<0.005	1	<0.5	1	29	2	140	3
K045719	5365800	615000	<0.005	1	<0.5	1	26	2	123	2
K045721	5365825	615000	0.0050	2	<0.5	1	24	2	97	2
K045722	5365850	615000	<0.005	1	<0.5	1	31	2	98	2
K045723	5365875	615000	<0.005	1	<0.5	1	24	2	109	2
K045724	5365900	615000	<0.005	1	<0.5	1	18	1	118	2
K045725	5365925	615000	<0.005	1	<0.5	1	16	1	111	2
K045726	5365950	615000	<0.005	1	<0.5	1	13	1	64	1
K045727	5365975	615000	<0.005	1	<0.5	1	5	1	40	1
K045728	5366025	615000	<0.005	1	<0.5	1	13	1	79	1
K045729	5366050	615000	<0.005	1	<0.5	1	23	2	91	2
K045730	5366075	615000	<0.005	1	<0.5	1	29	2	101	2
K045731	5366100	615000	<0.005	1	<0.5	1	16	1	114	2
K045732	5366125	615000	<0.005	1	<0.5	1	17	1	99	2
K045733	5366150	615000	<0.005	1	<0.5	1	20	2	109	2
K045734	5366175	615000	<0.005	1	<0.5	1	22	2	121	2
K045735	5366200	615000	<0.005	1	<0.5	1	9	1	50	1
K045736	5366225	615000	<0.005	1	<0.5	1	8	1	60	1
K045737	5366250	615000	<0.005	1	<0.5	1	8	1	38	1
K045738	5366275	615000	<0.005	1	<0.5	1	17	1	75	1
K045739	5366300	615000	<0.005	1	<0.5	1	25	2	82	1
K045741	5366325	615000	<0.005	1	<0.5	1	23	2	90	2
K045742	5366350	615000	<0.005	1	<0.5	1	15	1	85	2
K045743	5366375	615000	<0.005	1	<0.5	1	8	1	65	1
K045744	5366400	615000	<0.005	1	<0.5	1	11	1	68	1
K045745	5366425	615000	<0.005	1	<0.5	1	14	1	66	1
K045746	5364700	613600	<0.005	1	<0.5	1	14	1	97	2
K045747	5364725	613600	<0.005	1	<0.5	1	11	1	92	2
K045748	5364750	613600	<0.005	1	<0.5	1	3	1	37	1
K045749	5364775	613600	<0.005	1	<0.5	1	5	1	32	1
K045750	5364800	613600	<0.005	1	<0.5	1	5	1	50	1

Magusi West Property: Soil Geochemistry Survey Analytical Results and Response Ratios Table										
Sample	Location (Zone 17U)		Au (ppm)	Response	Ag (ppm)	Response	Cu (ppm)	Response	Zn (ppm)	Response
Number	UTM-N (m)	UTM-E (m)	Au-AA23	Ratio Au	ME-ICP61	Ratio Ag	ME-ICP61	Ratio Cu	ME-ICP61	Ratio Zn
K045751	5364825	613600	<0.005	1	<0.5	1	12	1	68	1
K045752	5364850	613600	0.0060	2	<0.5	1	12	1	45	1
K045753	5364875	613600	<0.005	1	<0.5	1	12	1	50	1
K045754	5364900	613600	<0.005	1	<0.5	1	9	1	50	1
K045755	5364925	613600	<0.005	1	<0.5	1	3	1	21	1
K045756	5364950	613600	<0.005	1	<0.5	1	3	1	30	1
K045757	5364975	613600	<0.005	1	<0.5	1	16	1	57	1
K045758	5365000	613600	<0.005	1	<0.5	1	15	1	59	1
K045759	5365025	613600	<0.005	1	<0.5	1	13	1	75	1
K045761	5365050	613600	<0.005	1	<0.5	1	21	2	76	1
K045762	5365075	613600	<0.005	1	<0.5	1	21	2	81	1
K045763	5365100	613600	<0.005	1	<0.5	1	23	2	109	2
K045764	5365125	613600	<0.005	1	<0.5	1	28	2	86	2
K045765	5365150	613600	0.0080	3	<0.5	1	39	3	115	2
K045766	5365175	613600	<0.005	1	<0.5	1	30	2	80	1
K045767	5365200	613600	<0.005	1	<0.5	1	33	3	105	2
K045768	5365225	613600	0.0070	3	<0.5	1	26	2	141	3
K045769	5365250	613600	<0.005	1	<0.5	1	30	2	113	2
K045770	5365275	613600	<0.005	1	<0.5	1	31	2	164	3
K045771	5365300	613600	0.0050	2	<0.5	1	38	3	139	3
K045772	5365325	613600	<0.005	1	<0.5	1	33	3	129	2
K045773	5365350	613600	0.0050	2	<0.5	1	31	2	130	2
K045774	5365375	613600	<0.005	1	<0.5	1	21	2	101	2
K045775	5365400	613600	<0.005	1	<0.5	1	43	3	144	3
K045776	5365425	613600	<0.005	1	<0.5	1	29	2	157	3
K045777	5365450	613600	<0.005	1	<0.5	1	30	2	128	2
K045778	5365475	613600	<0.005	1	<0.5	1	20	2	95	2
K045779	5365500	613600	<0.005	1	<0.5	1	22	2	134	2
K045781	5365525	613600	<0.005	1	<0.5	1	32	2	121	2
K045782	5365550	613600	<0.005	1	<0.5	1	14	1	84	2
K045783	5365575	613600	<0.005	1	<0.5	1	17	1	111	2
K045784	5365600	613600	<0.005	1	<0.5	1	16	1	123	2
K045785	5365625	613600	<0.005	1	<0.5	1	23	2	88	2
K045786	5365650	613600	<0.005	1	<0.5	1	40	3	163	3
K045787	5365675	613600	<0.005	1	<0.5	1	34	3	163	3
K045788	5365700	613600	<0.005	1	<0.5	1	34	3	154	3
K045789	5365725	613600	<0.005	1	<0.5	1	26	2	110	2
K045790	5365750	613600	<0.005	1	<0.5	1	18	1	76	1
K045791	5365775	613600	<0.005	1	<0.5	1	30	2	122	2
K045792	5365800	613600	<0.005	1	<0.5	1	18	1	94	2
K045793	5365825	613600	0.0050	2	<0.5	1	29	2	114	2
K045794	5365850	613600	0.0050	2	<0.5	1	28	2	145	3
K045795	5365875	613600	<0.005	1	<0.5	1	24	2	131	2
K045796	5365900	613600	<0.005	1	<0.5	1	19	1	115	2
K045797	5365925	613600	<0.005	1	<0.5	1	18	1	87	2
K045798	5365950	613600	<0.005	1	<0.5	1	22	2	110	2
K045799	5365975	613600	<0.005	1	<0.5	1	26	2	81	1
K045801	5366000	613600	<0.005	1	<0.5	1	30	2	114	2

Appendix 4

Soil Sample Results and Sample Locations Table

Soil Geochemistry Survey

(Blanks and Duplicated Highlighted in Yellow)

Soil Sample Locations and Analytical Results Table							
Sample	Location (m)		Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Comments
Number	UTM-N (X)	UTM-E (Y)	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	
K045501	5366000	612975	<0.005	<0.5	38	127	Tieline
K045502	5365975	612999	<0.005	<0.5	46	121	
K045503	5365950	613000	<0.005	<0.5	43	120	
K045504	5365925	613000	<0.005	<0.5	46	121	
K045505	5365900	613000	<0.005	<0.5	28	110	
K045506	5365875	613000	<0.005	<0.5	35	111	
K045507	5365850	613000	<0.005	<0.5	32	99	
K045508	5365825	613000	<0.005	<0.5	23	64	
K045509	5365800	613000	<0.005	<0.5	36	99	
K045510	5365775	613000	<0.005	<0.5	33	143	
K045511	5365750	613000	<0.005	<0.5	33	164	
K045512	5365725	613000	<0.005	<0.5	25	125	
K045513	5365700	613000	<0.005	<0.5	33	135	
K045514	5365675	613000	<0.005	<0.5	36	111	
K045515	5365650	613000	<0.005	<0.5	28	118	
K045516	5365625	613000	<0.005	<0.5	34	109	
K045517	5365600	613000	<0.005	<0.5	38	112	
K045518	5366000	613400	NSS	<0.5	31	44	
K045519	5365975	613400	0.030	<0.5	37	70	
K045520			0.023	<0.5	26	23	DUPL K045521
K045521	5365950	613400	NSS	<0.5	26	27	
K045522	5365925	613400	0.025	<0.5	41	89	
K045523	5365900	613400	0.005	<0.5	23	22	
K045524	5365875	613400	0.018	<0.5	33	75	
K045525	5365850	613400	0.019	<0.5	22	53	
K045526	5365825	613400	0.008	<0.5	29	68	
K045527	5365800	613400	0.020	<0.5	31	48	
K045528	5365775	613400	0.018	<0.5	36	56	
K045529	5365750	613400	<0.005	<0.5	29	88	
K045530	5365725	613400	0.005	<0.5	22	68	
K045531	5365700	613400	<0.005	<0.5	34	95	
K045532	5365675	613400	<0.005	<0.5	23	93	
K045533	5365650	613400	<0.005	<0.5	22	75	
K045534	5365625	613400	<0.005	<0.5	29	105	
K045535	5365600	613400	<0.005	<0.5	28	113	
K045536	5365150	614300	<0.005	<0.5	20	110	
K045537	5365175	614300	<0.005	<0.5	14	110	
K045538	5365200	614300	<0.005	<0.5	6	37	
K045539	5365225	614300	0.005	<0.5	15	60	
K045540			0.006	<0.5	10	34	BLANK
K045541	5365250	614300	0.005	<0.5	5	37	
K045542	5365275	614300	0.005	<0.5	6	40	
K045543	5365300	614300	0.009	<0.5	14	31	
K045544	5365325	614300	0.005	<0.5	12	46	
K045545	5365350	614300	0.005	<0.5	4	22	
K045546	5365375	614300	0.008	<0.5	6	23	
K045547	5365400	614300	0.014	<0.5	3	21	
K045548	5365425	614300	0.072	<0.5	15	33	
K045549	5365450	614300	0.013	<0.5	27	41	
K045550	5365475	614300	<0.005	<0.5	11	26	
K045551	5365500	614300	<0.005	<0.5	12	30	
K045552	5365525	614300	<0.005	<0.5	4	29	
K045553	5365550	614300	<0.005	<0.5	11	53	
K045554	5365575	614300	<0.005	<0.5	16	97	

Soil Sample Locations and Analytical Results Table							
Sample	Location (m)		Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Comments
Number	UTM-N (X)	UTM-E (Y)	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	
K045555	5365625	614300	<0.005	<0.5	18	90	
K045556	5365650	614300	0.011	<0.5	25	128	
K045557	5365675	614300	0.005	<0.5	28	145	
K045558	5365700	614300	<0.005	<0.5	16	99	
K045559	5365725	614300	0.156	<0.5	12	74	
K045560			<0.005	<0.5	12	53	DUPL K045561
K045561	5365750	614300	<0.005	<0.5	11	53	
K045562	5365775	614300	<0.005	<0.5	18	88	
K045563	5365795	614300	0.016	<0.5	11	68	
K045564	5365800	614300	<0.005	<0.5	13	62	
K045565	5365825	614300	<0.005	<0.5	32	81	
K045566	5365850	614300	0.005	<0.5	6	25	
K045567	5365875	614300	0.005	<0.5	10	37	
K045568	5365900	614300	<0.005	<0.5	9	40	
K045569	5365925	614300	<0.005	<0.5	6	29	
K045570	5365950	614300	<0.005	<0.5	13	33	
K045571	5365200	614600	0.005	<0.5	20	98	
K045572	5365225	614600	<0.005	<0.5	12	50	
K045573	5365250	614600	<0.005	<0.5	16	141	
K045574	5365275	614600	<0.005	<0.5	28	127	
K045575	5365300	614600	<0.005	<0.5	8	47	
K045576	5365325	614600	0.006	<0.5	3	21	
K045577	5365350	614600	0.007	<0.5	30	98	
K045578	5365350	614600	<0.005	<0.5	8	42	
K045579	5365375	614600	0.027	<0.5	10	49	
K045580			<0.005	<0.5	9	34	BLANK
K045581	5365550	614600	<0.005	<0.5	16	74	
K045582	5365525	614600	<0.005	<0.5	34	99	
K045583	5365550	614600	0.005	<0.5	17	92	
K045584	5365575	614600	<0.005	<0.5	6	28	
K045585	5365600	614600	0.011	<0.5	19	86	
K045586	5365625	614600	0.005	<0.5	12	34	
K045587	5365750	614600	0.008	<0.5	19	40	
K045588	5365700	614600	0.007	<0.5	13	45	
K045589	5365725	614600	0.010	<0.5	7	39	
K045590	5365750	614600	0.005	<0.5	12	46	
K045591	5365850	614600	<0.005	<0.5	22	98	
K045592	5365875	614600	0.006	<0.5	20	62	
K045593	5365900	614600	0.005	<0.5	32	114	
K045594	5365925	614600	0.006	<0.5	42	118	
K045595	5365950	614600	0.007	<0.5	30	133	
K045596	5365970	614600	<0.005	<0.5	31	91	
K045597	5365975	614600	0.007	<0.5	37	141	
K045598	5364700	614300	<0.005	<0.5	17	86	
K045599	5364725	614300	<0.005	<0.5	14	89	
K045600			<0.005	<0.5	22	134	DUPL K045601
K045601	5364750	614300	0.014	<0.5	22	117	
K045602	5364775	614300	<0.005	<0.5	28	115	
K045603	5364800	614300	<0.005	<0.5	31	123	
K045604	5364825	614300	0.006	<0.5	26	124	
K045605	5364850	614300	<0.005	<0.5	16	113	
K045606	5364875	614300	0.006	<0.5	33	130	
K045607	5364950	614300	0.014	<0.5	31	104	
K045608	5364975	614300	<0.005	<0.5	27	115	

Soil Sample Locations and Analytical Results Table							
Sample	Location (m)		Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Comments
Number	UTM-N (X)	UTM-E (Y)	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	
K045609	5365000	614300	<0.005	<0.5	9	33	
K045610	5365025	614300	<0.005	<0.5	17	89	
K045611	5364700	614600	<0.005	<0.5	11	62	
K045612	5364725	614600	<0.005	<0.5	16	93	
K045613	5364750	614600	<0.005	<0.5	26	156	
K045614	5364775	614600	<0.005	<0.5	27	116	
K045615	5364800	614600	<0.005	<0.5	27	113	
K045616	5364825	614600	<0.005	<0.5	20	89	
K045617	5364850	614600	<0.005	<0.5	39	117	
K045618	5364875	614600	<0.005	<0.5	18	88	
K045619	5364900	614600	0.005	<0.5	25	116	
K045620			0.009	<0.5	9	30	BLANK
K045621	5364925	614600	<0.005	<0.5	28	110	
K045622	5364950	614600	0.006	<0.5	11	73	
K045623	5364975	614600	0.006	<0.5	17	96	
K045624	5365000	614600	<0.005	<0.5	20	101	
K045625	5365025	614600	<0.005	<0.5	20	65	
K045626	5365050	614600	0.021	<0.5	43	119	
K045627	5365075	614600	<0.005	<0.5	13	67	
K045628	5365100	614600	<0.005	<0.5	4	42	
K045629	5365125	614600	<0.005	<0.5	13	54	
K045630	5365150	614600	<0.005	<0.5	27	102	
K045631	5365175	614600	<0.005	<0.5	23	100	
K045632	5367000	612900	<0.005	<0.5	27	123	
K045633	5367025	612900	0.005	<0.5	20	109	
K045634	5367050	612900	<0.005	<0.5	21	97	
K045635	5367075	612900	0.005	<0.5	22	105	
K045636	5367100	612900	<0.005	<0.5	23	108	
K045637	5367125	612900	0.005	<0.5	30	144	
K045638	5367150	612900	<0.005	<0.5	34	170	
K045639	5367175	612900	0.025	<0.5	34	197	
K045640			<0.005	<0.5	17	77	DUPL K045641
K045641	5367200	612900	0.015	<0.5	17	77	
K045642	5367225	612900	0.005	<0.5	27	91	
K045643	5367250	612900	<0.005	<0.5	23	117	
K045644	5367275	612900	<0.005	<0.5	41	134	
K045645	5367300	612900	<0.005	<0.5	26	109	
K045646	5367325	612900	<0.005	<0.5	24	96	
K045647	5367350	612900	<0.005	<0.5	17	83	
K045648	5367375	612900	0.005	<0.5	23	66	
K045649	5367400	612900	<0.005	<0.5	14	79	
K045650	5367425	612900	<0.005	<0.5	13	73	
K045651	5367000	612800	0.005	<0.5	26	119	
K045652	5367025	612800	<0.005	<0.5	23	114	
K045653	5367050	612800	<0.005	<0.5	12	70	
K045654	5367075	612800	<0.005	<0.5	8	61	
K045655	5367100	612800	<0.005	<0.5	8	59	
K045656	5367125	612800	0.007	<0.5	6	36	
K045657	5367150	612800	<0.005	<0.5	38	54	
K045658	5367175	612800	<0.005	<0.5	25	81	
K045659	5367200	612800	0.005	<0.5	21	70	
K045660			<0.005	<0.5	9	30	BLANK
K045661	5367225	612800	<0.005	<0.5	21	85	
K045662	5367250	612800	<0.005	<0.5	20	80	

Soil Sample Locations and Analytical Results Table							
Sample	Location (m)		Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Comments
Number	UTM-N (X)	UTM-E (Y)	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	
K045663	5367275	612800	<0.005	<0.5	16	63	
K045664	5367300	612800	<0.005	<0.5	15	67	
K045665	5367325	612800	<0.005	<0.5	16	71	
K045666	5367350	612800	<0.005	<0.5	22	79	
K045667	5367375	612800	<0.005	<0.5	16	65	
K045668	5367400	612800	<0.005	<0.5	14	53	
K045669	5367425	612800	<0.005	<0.5	20	67	
K045670	5365325	614800	0.005	<0.5	6	37	
K045671	5365350	614800	<0.005	<0.5	13	46	
K045672	5365375	614800	0.005	<0.5	13	73	
K045673	5365425	614800	<0.005	<0.5	6	40	
K045674	5365450	614800	<0.005	<0.5	7	36	
K045675	5365475	614800	<0.005	<0.5	8	51	
K045676	5365500	614800	<0.005	<0.5	11	49	
K045677	5365525	614800	<0.005	<0.5	10	49	
K045678	5365650	614800	0.008	<0.5	46	33	
K045679	5365675	614800	0.010	<0.5	22	38	
K045680			0.006	<0.5	6	12	DUPL K045681
K045681	5365700	614800	<0.005	<0.5	23	18	
K045682	5365725	614800	0.005	<0.5	21	18	
K045683	5365825	614800	0.009	<0.5	62	46	
K045684	5365875	614800	0.060	<0.5	62	96	
K045685	5365900	614800	<0.005	<0.5	15	53	
K045686	5365925	614800	<0.005	<0.5	16	52	
K045687	5365950	614800	<0.005	<0.5	17	58	
K045688	5365975	614800	<0.005	<0.5	18	110	
K045689	5366000	614800	<0.005	<0.5	11	87	
K045690	5366025	614800	<0.005	<0.5	7	25	
K045691	5366050	614800	<0.005	<0.5	10	48	
K045692	5366075	614800	<0.005	<0.5	18	65	
K045693	5366100	614800	<0.005	<0.5	16	71	
K045694	5366115	614800	<0.005	<0.5	23	89	
K045695	5366125	614800	<0.005	<0.5	23	80	
K045696	5366150	614800	<0.005	<0.5	17	72	
K045697	5366175	614800	<0.005	<0.5	12	66	
K045698	5366200	614800	<0.005	<0.5	18	84	
K045699	5365325	615000	<0.005	<0.5	25	104	
K045700			<0.005	<0.5	10	34	BLANK
K045701	5365350	615000	<0.005	<0.5	17	114	
K045702	5365375	615000	<0.005	<0.5	23	91	
K045703	5365400	615000	0.035	<0.5	28	89	
K045704	5365425	615000	<0.005	<0.5	34	109	
K045705	5365450	615000	<0.005	<0.5	39	108	
K045706	5365475	615000	<0.005	<0.5	33	79	
K045707	5365500	615000	<0.005	<0.5	16	51	
K045708	5365525	615000	<0.005	<0.5	22	62	
K045709	5365550	615000	<0.005	<0.5	17	72	
K045710	5365575	615000	<0.005	<0.5	18	74	
K045711	5365600	615000	<0.005	<0.5	28	128	
K045712	5365625	615000	<0.005	<0.5	31	111	
K045713	5365650	615000	<0.005	<0.5	14	40	
K045714	5365675	615000	<0.005	<0.5	19	47	
K045715	5365700	615000	<0.005	<0.5	10	41	
K045716	5365725	615000	<0.005	<0.5	22	80	

Soil Sample Locations and Analytical Results Table							
Sample	Location (m)		Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Comments
Number	UTM-N (X)	UTM-E (Y)	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	
K045717	5365750	615000	0.010	<0.5	21	81	
K045718	5365775	615000	<0.005	<0.5	29	140	
K045719	5365800	615000	<0.005	<0.5	26	123	
K045720			<0.005	<0.5	24	96	DUPL K045721
K045721	5365825	615000	0.005	<0.5	24	97	
K045722	5365850	615000	<0.005	<0.5	31	98	
K045723	5365875	615000	<0.005	<0.5	24	109	
K045724	5365900	615000	<0.005	<0.5	18	118	
K045725	5365925	615000	<0.005	<0.5	16	111	
K045726	5365950	615000	<0.005	<0.5	13	64	
K045727	5365975	615000	<0.005	<0.5	5	40	
K045728	5366025	615000	<0.005	<0.5	13	79	
K045729	5366050	615000	<0.005	<0.5	23	91	
K045730	5366075	615000	<0.005	<0.5	29	101	
K045731	5366100	615000	<0.005	<0.5	16	114	
K045732	5366125	615000	<0.005	<0.5	17	99	
K045733	5366150	615000	<0.005	<0.5	20	109	
K045734	5366175	615000	<0.005	<0.5	22	121	
K045735	5366200	615000	<0.005	<0.5	9	50	
K045736	5366225	615000	<0.005	<0.5	8	60	
K045737	5366250	615000	<0.005	<0.5	8	38	
K045738	5366275	615000	<0.005	<0.5	17	75	
K045739	5366300	615000	<0.005	<0.5	25	82	
K045740			<0.005	<0.5	7	28	BLANK
K045741	5366325	615000	<0.005	<0.5	23	90	
K045742	5366350	615000	<0.005	<0.5	15	85	
K045743	5366375	615000	<0.005	<0.5	8	65	
K045744	5366400	615000	<0.005	<0.5	11	68	
K045745	5366425	615000	<0.005	<0.5	14	66	
K045746	5364700	613600	<0.005	<0.5	14	97	
K045747	5364725	613600	<0.005	<0.5	11	92	
K045748	5364750	613600	<0.005	<0.5	3	37	
K045749	5364775	613600	<0.005	<0.5	5	32	
K045750	5364800	613600	<0.005	<0.5	5	50	
K045751	5364825	613600	<0.005	<0.5	12	68	
K045752	5364850	613600	0.006	<0.5	12	45	
K045753	5364875	613600	<0.005	<0.5	12	50	
K045754	5364900	613600	<0.005	<0.5	9	50	
K045755	5364925	613600	<0.005	<0.5	3	21	
K045756	5364950	613600	<0.005	<0.5	3	30	
K045757	5364975	613600	<0.005	<0.5	16	57	
K045758	5365000	613600	<0.005	<0.5	15	59	
K045759	5365025	613600	<0.005	<0.5	13	75	
K045760			<0.005	<0.5	13	75	DUPL K045759
K045761	5365050	613600	<0.005	<0.5	21	76	
K045762	5365075	613600	<0.005	<0.5	21	81	
K045763	5365100	613600	<0.005	<0.5	23	109	
K045764	5365125	613600	<0.005	<0.5	28	86	
K045765	5365150	613600	0.008	<0.5	39	115	
K045766	5365175	613600	<0.005	<0.5	30	80	
K045767	5365200	613600	<0.005	<0.5	33	105	
K045768	5365225	613600	0.007	<0.5	26	141	
K045769	5365250	613600	<0.005	<0.5	30	113	
K045770	5365275	613600	<0.005	<0.5	31	164	

Soil Sample Locations and Analytical Results Table							
Sample	Location (m)		Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Comments
Number	UTM-N (X)	UTM-E (Y)	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	
K045771	5365300	613600	0.005	<0.5	38	139	
K045772	5365325	613600	<0.005	<0.5	33	129	
K045773	5365350	613600	0.005	<0.5	31	130	
K045774	5365375	613600	<0.005	<0.5	21	101	
K045775	5365400	613600	<0.005	<0.5	43	144	
K045776	5365425	613600	<0.005	<0.5	29	157	
K045777	5365450	613600	<0.005	<0.5	30	128	
K045778	5365475	613600	<0.005	<0.5	20	95	
K045779	5365500	613600	<0.005	<0.5	22	134	
K045780			<0.005	<0.5	10	29	BLANK
K045781	5365525	613600	<0.005	<0.5	32	121	
K045782	5365550	613600	<0.005	<0.5	14	84	
K045783	5365575	613600	<0.005	<0.5	17	111	
K045784	5365600	613600	<0.005	<0.5	16	123	
K045785	5365625	613600	<0.005	<0.5	23	88	
K045786	5365650	613600	<0.005	<0.5	40	163	
K045787	5365675	613600	<0.005	<0.5	34	163	
K045788	5365700	613600	<0.005	<0.5	34	154	
K045789	5365725	613600	<0.005	<0.5	26	110	
K045790	5365750	613600	<0.005	<0.5	18	76	
K045791	5365775	613600	<0.005	<0.5	30	122	
K045792	5365800	613600	<0.005	<0.5	18	94	
K045793	5365825	613600	0.005	<0.5	29	114	
K045794	5365850	613600	0.005	<0.5	28	145	
K045795	5365875	613600	<0.005	<0.5	24	131	
K045796	5365900	613600	<0.005	<0.5	19	115	
K045797	5365925	613600	<0.005	<0.5	18	87	
K045798	5365950	613600	<0.005	<0.5	22	110	
K045799	5365975	613600	<0.005	<0.5	26	81	
K045800			<0.005	<0.5	22	116	DUPL K045801
K045801	5366000	613600	<0.005	<0.5	30	114	