

GM 71156

Exploration report (compilation and mapping program January 3, 2019) at the Chinook claims

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Énergie et Ressources
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Exploration Report

(Compilation and Mapping Program January 3, 2019)

At the

Chinook Claims

26 Km South of Chapais, Québec, Canada

Latitude 49°29' N Longitude 74°52' W
NTS Map sheets 32G/10, 32G/06, and 32G/07

January 3, 2019

Prepared for

Blue Thunder Mining Corporation

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Appendix 1: Blue Thunder Claims



2. SUMMARY

In August of 2017, Blue Thunder Mining Corporation (the “Company” or “Blue Thunder”) acquired 226 claims referred to as the “Chinook Property” (or the “Property”) approximately 49 km southwest of Chibougamau. The Chinook Property consolidates a large package of claims in a geologically significant part of the Northeastern Abitibi Greenstone belt.

Initial work by Blue Thunder, immediately following the acquisition, consisted of a high-level desktop review of on-line government assessment files and available geological reports by geologists Edmond Thorose and Elaine Ellingham, with GIS assistance from Genevieve Gadoury. The goal was to provide sufficient geological information, maps, and a summary of historic work in order to facilitate further work on the Property.

Historic exploration work in the area was focussed on base metals and gold primarily targeting the regionally significant, roughly east-west trending Guercheville structure. Although several of these areas remain very interesting, more in-depth work including geology, drilling, geophysics and geochemistry interpretation and surveying will be required.

Of immediate interest, however, are the more recent discoveries in the area. The property known as “Monster Lake”, directly bordering the Chinook Property to the Northeast, and the “Nelligan Project”, to the Southeast.

“Monster Lake” is a TomaGold Corporation (“TomaGold”) and IAMGOLD Corporation (“IAMGOLD”) property that lies immediately northeast of Blue Thunder’s eastern claims. TomaGold initially intersected significant high-grade gold in its 16 hole drill program in late 2012, with 5.7 meters of 237.6 grams per tonne (gpt) intersected. Similar to much of Blue Thunder’s claims, the Monster Lake project is underlain by Archean volcanic rocks of the Obatogamau Formation. However, rather than the prominent east-west structures that have historically been the primary targets on the Chinook Property, the Monster Lake project is traversed by an important NNE-SSW trending deformation corridor that hosts associated gold-bearing mineralized structures. TomaGold drilling has identified a four-kilometre long structural corridor, along which most of the known gold occurrences discovered to date on the property are associated, including the 325-Megane Zone. Based on the continued positive results of TomaGold, IAMGOLD entered into a 50% earn-in agreement on the property and have been aggressively investing in the project, with continued success. Continued drilling on the property has led to the recently released (March 28, 2018) initial resource estimate comprising **1,109,700 tonnes of inferred resources averaging 12.14 grams of gold per tonne for 433,300 ounces of contained gold**. The Blue Thunder team also reviewed available public disclosures on the nature of the mineralization and local geology of the Monster Lake deposits.

The “Nelligan Project” is an IAMGOLD and Vanstar Mining Resources Inc. (“Vanstar”) property that lies southeast of Blue Thunder’s eastern claims. The historical showing at Lake Eu were

followed up by interesting gold intersections in drilling since 2013 at Liam and Dan Zones. Follow-up drilling campaigns have delineated extensive (1 km in strike, 300 vertical meters) gold mineralization at 36 West Zone and Renard Zone to the north of the previous gold showings. Recent results include many wide mineralized intervals, including 82.6 meters grading 3.31 g/t Au.

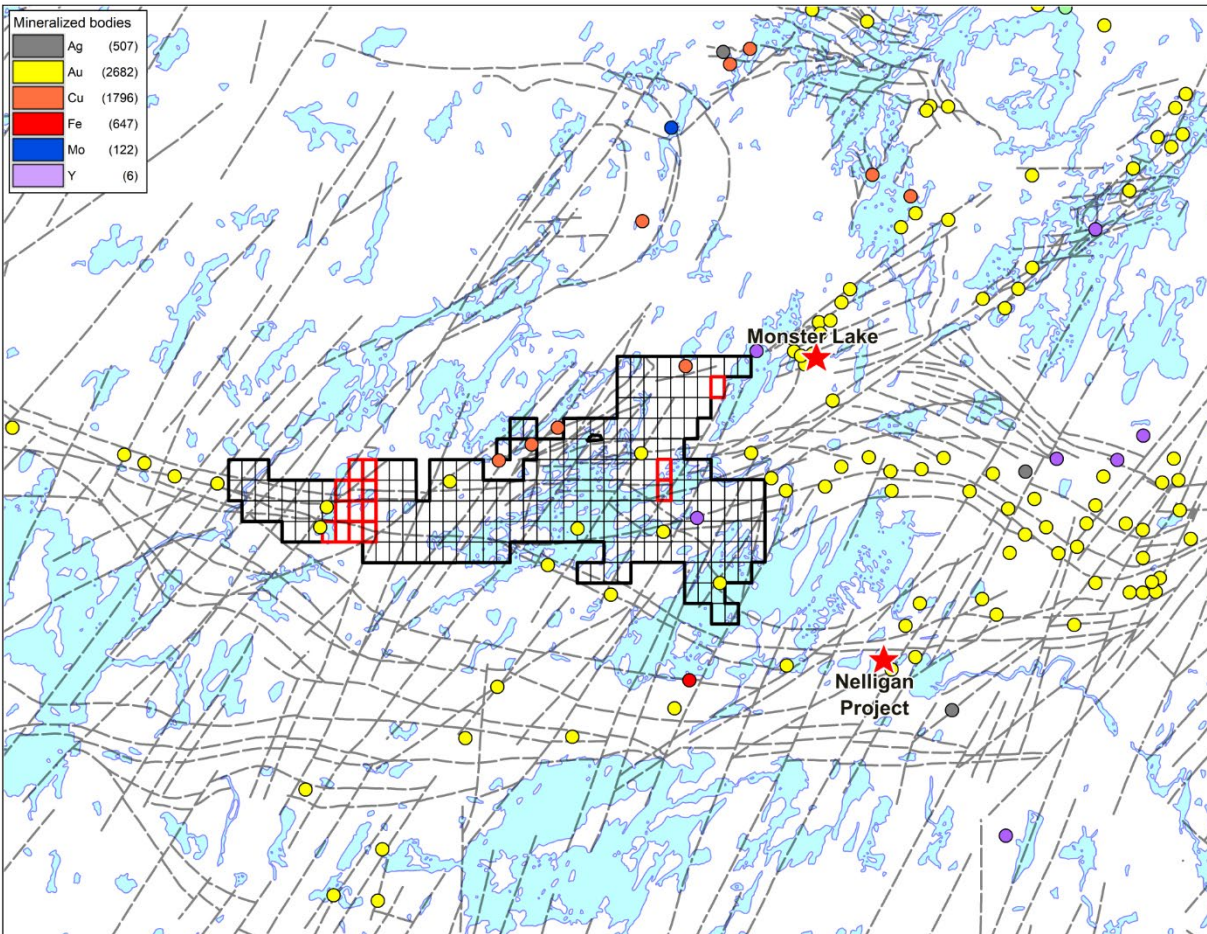


Figure 2-1: Chinoook Property and Block 1, Block 2, Block 3, in relation to Monster Lake and Nelligan Project

Compilation Work

Three groups of claims (“Block 1”, “Block 2”, and “Block 3”) were the subject of more detailed compilation work by Independent Geologist Scott Zelligan, P.Ge and Ed Thorose. The compilation work for which this report has been prepared included the following:

- Acquiring all available assessment reports and government reports for the claims in question.

- Reviewing these reports in depth in order to ascertain areas of interest and targets for future exploration work, particularly considering recent regional mineral discoveries, including Monster Lake and the Nelligan Project.
- Digitizing all data for the claims in question which can be ascertained from said reports. This includes 8 drill holes which either collar on or extend onto the claims in question.
- Collar location, downhole surveys, lithological logging, and significant assays were transcribed from scanned assessment reports. Lithologies were newly interpreted in order to allow for generation of geological modelling based on the results.
- Desurveying of drillholes into 3D objects within mining software (Datamine Studio 3 ©) in order to plot in NAD83 (Zone 18N) space against other digital data, such as regional geological mapping.
- Plotting of sections (where possible) in order to interpret extension of lithologies to depth.
- Reviewing results from 80 reverse circulation holes drilled as part of an overburden sampling geochemical survey.
- Interpretation of newly digitized data in order to create supplemental detailed geology maps for the claims in question in GIS software (MapInfo Pro 16 ©).
- Identification of areas of interest based on above interpretation, as well as based on the character of recent nearby discoveries.

Conclusions

A series of Areas of Interest were generated based on the compilation work, shown in Figure 2-2. Three areas were identified in Block 1, none in Block 2, and one area was identified in Block 3. These areas were chosen based on a variety of factors, including:

- Previous drilling results
- Favourable rock types
- Favourable structural setting
- Favourable EM targets
- Similarity to other deposits in the area

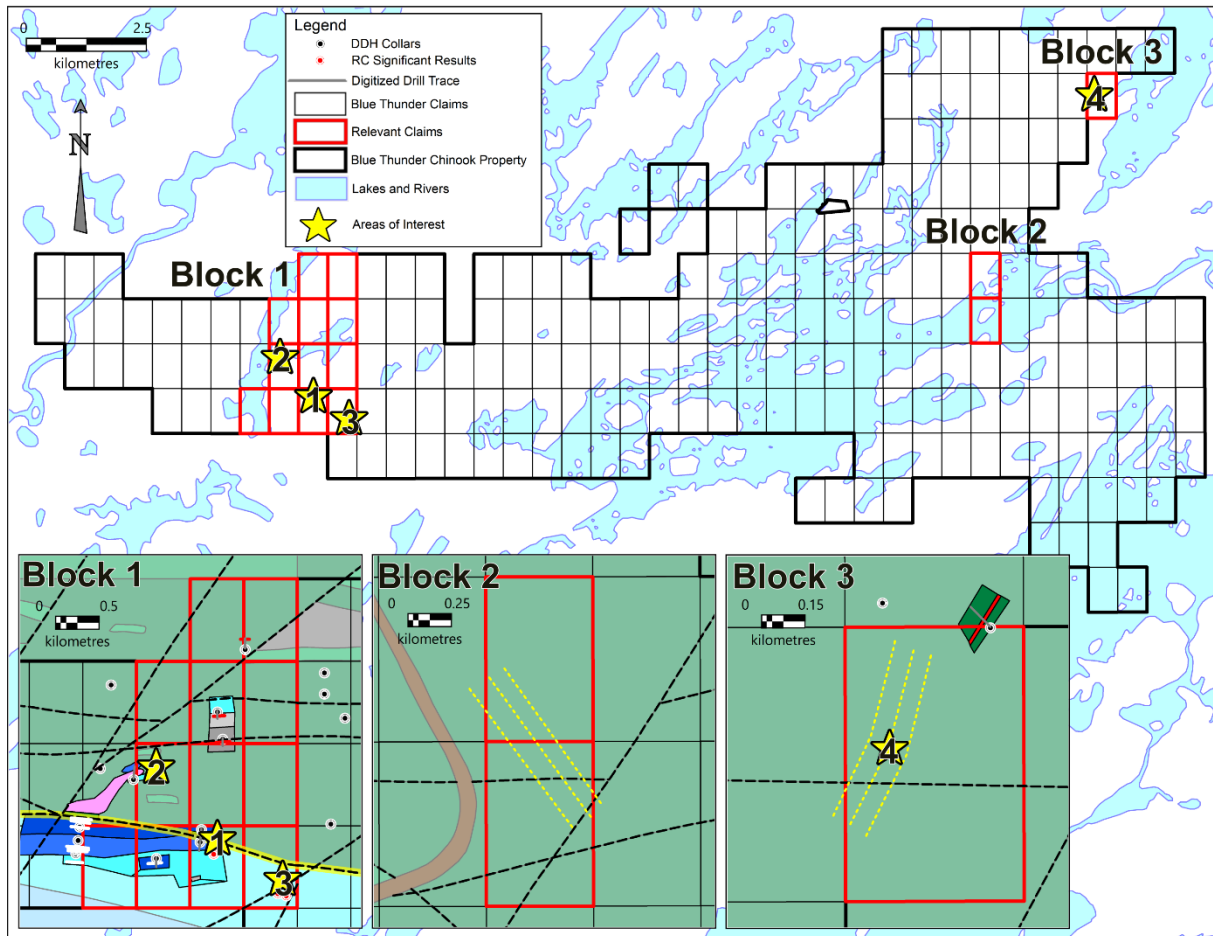


Figure 2-2: Map of Areas of Interest

3. INTRODUCTION

Issuer and terms of reference

The Chinook Property is 49 km southwest of Chibougamau, Quebec and consists of 226 claims covering 12,000 hectares. This report pertains specifically to 15 claims covering 839 hectares divided into three separate claim blocks: Block 1, Block 2, and Block 3. These three blocks are the focus of this report.

This report presents results of geological compilation work completed by Scott Zelligan, P.Geo, an Independent Geologist, and Ed Thorose. The main objective of the work is to obtain a detailed understanding of the three claim groups, in order to guide future work. Secondary objectives include obtaining 3D and GIS data files that can be used internally by Blue Thunder, or externally in working with other experts.

4. PROPERTY DESCRIPTION AND LOCATION

Location

The Block 1, Block 2, and Block 3 claims comprise 15 claims, covering 839 hectares, in the Chibougamau Mining district, Québec, Canada (Figure 4-1). The overall Property is centered on Lac des Vents at 49°29' N latitude and 74°52' W longitude.



Figure 4-1: Location of the Chinook Property in the Province of Québec. Modified from Ressources naturelles et Faune Québec.

Property Title and Tenure

There are a total of 15 claims that make up Block 1, Block 2, and Block 3 in NTS map sheets 32G07 (Figure 4-2). Block 1 consists of 12 CDC claims and is centered on 498,950E and 5,481,150N (NAD (North American Datum) 83, zone 18N). Block 2 consists of 2 contiguous

CDC claims and is centered on 512,950E and 5,482,150N. Block 3 consists of 1 contiguous CDC claim and is centered on 515,370E and 5,486,300N. There is a 2% Net Smelter Return royalty registered on the Property, but otherwise there are no other encumbrances.

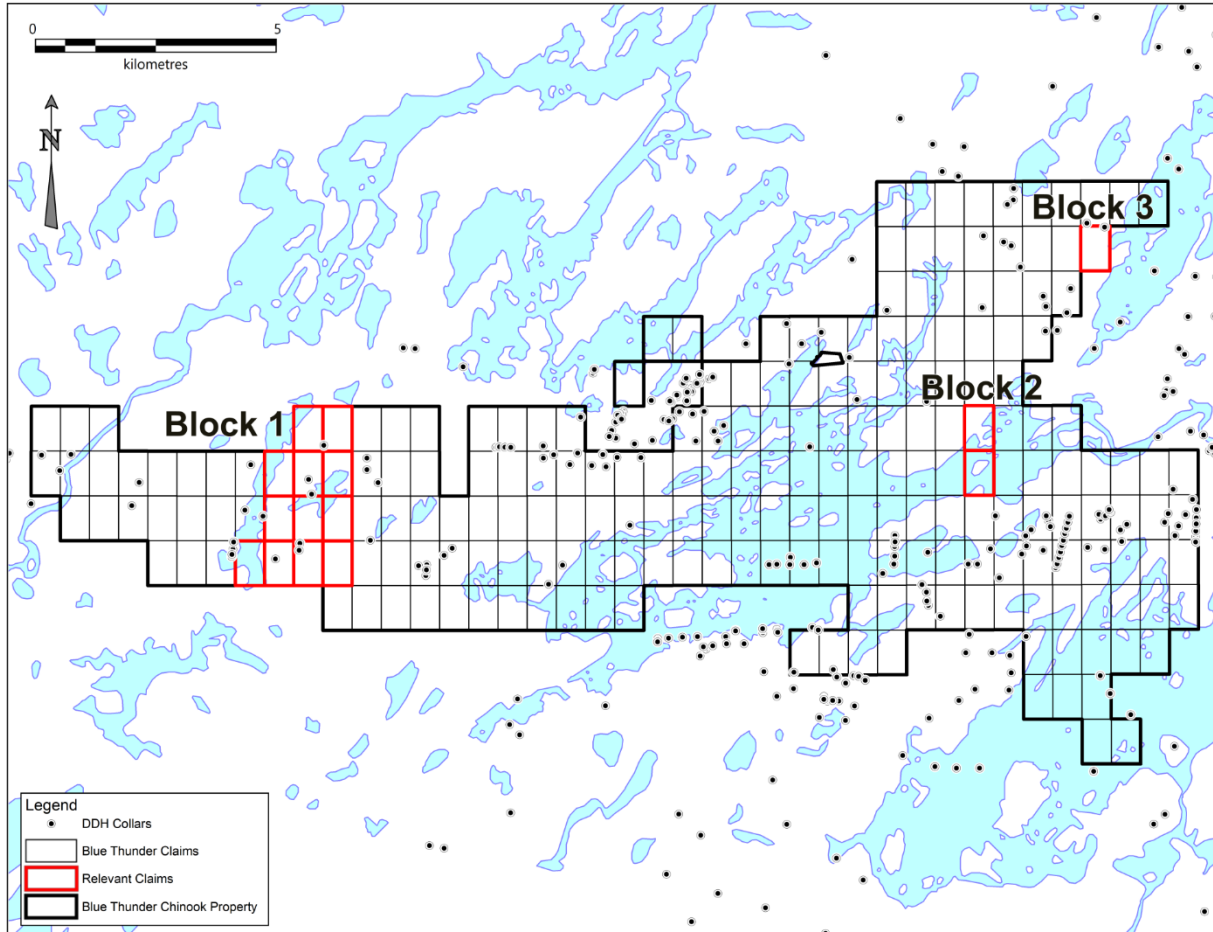


Figure 4-2: Block 1, Block 2, and Block 3 claims

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

Accessibility

The Property is located 27 km south of Chapais, Québec (pop. 1600) and 49 km Southwest of the Town of Chibougamau, Québec (pop. 7500). The Property is easily accessible by road by driving 10 km East from Chapais, then turning South onto Route Forestière R1009 and driving 40 km. (Figure 5-1). The entire Property can be easily accessed in the winter by snowmobile.



Figure 5-1: Chinook Property proximity to infrastructure.

Climate and Physiography

The Chinook Property lies within the subarctic climate zone; summers are hot (mean temperature $>15\text{ }^{\circ}\text{C}$) and winters are cold (mean temperature $<-10\text{ }^{\circ}\text{C}$) with consistent precipitation throughout the year. Vegetation is typical of the Canadian Boreal Forest. Conifers (tamarack, jack pine, lodgepole pine, black spruce, white spruce, and balsam fir) dominate the landscape while deciduous trees (aspen, white birch, and balsam poplar) make up a much smaller proportion. The property has a relatively consistent elevation ranging from 310 to 380 m above sea level. Most of the property is covered by water or swamp, resulting in sparse outcrop exposure.

Local Resources and Infrastructure

The Property is a 1-hour drive from the major northern Québec town of Chibougamau (pop. 7500) and a 40-minute drive from the town Chapais (pop. 1600). The area has a rich mining history. Gold was first discovered near Chibougamau in the early 1900s; however due to the remoteness of the area, the town was not established until 1952. Since then, there have been many producing mines and extensive mineral exploration. The area has an experienced mining and mineral exploration workforce. Chibougamau is home to Société du Plan Nord, an organization that supports northern development through subsidies and incentives. Val-d'Or, a major hub for mining services and



supply, is located 400 km Southwest of Chibougamau via highway QC-113 N. Current nearby operating mines include: the BlackRock Metals vanadium-titanium-magnetite project and the Métanor Inc. gold project. Many locals are also employed by the extensive logging in the area. Chibougamau has an airport that is serviced by commercial and private aviation companies. Other infrastructure includes: railway, hydroelectric power, cellular service (no service on property), and a dormant mill.

6. EXPLORATION HISTORY

Sources of information

There have been numerous exploration programs on the Property since the 1950s. Information regarding the historical exploration work has been extracted from government and industry data from the Énergie et Ressources Naturelles Québec SIGEOM database. A summary is provided below of exploration completed on the Block 1, Block 2, and Block 3 claims.

Block 1

1967 Serem Ltd. (GM 21558): Two diamond drill holes were drilled on Block 1 for a total length of 800 ft. The holes are collared in the center of the claim block.

- **G1:** Drilled due south. Several different varieties of tuff are intermingled with mylonite. Several sulphide (pyrrhotite, chalcopyrite, and pyrite) veins and intervals, including 12.7m of “mineralized zone” with numerous sulphide intervals.
- **G2:** Drilled due south. Collared in intermittent rhyolite and mylonite. Several massive sulphide intervals follow (pyrrhotite, and pyrite) over 10.4m. Following the mineralized zone intermittent tuff intervals.

1977 Falconbridge Nickel Mines Ltd. (GM 33449): One diamond drill hole was drilled on Block 1 for a total length of 475 ft. The hole is collared in the South of the claim block.

- **770-10:** Drilled due south. Schist with variable chlorite and sericite alteration. 1.7m interval of graphitic schist with pyrite.

1986-1987 Esso Minerals Canada (GM 46303): Two diamond drill holes (BQ size) were drilled on Block 1 for a total length of 410.7m. They were both collared in the South of the claim block.

- **LB-5:** Drilled at S5W. Top to bottom the hole is logged as schist, with variable chlorite, sericite, and blueschist facies metamorphic alteration. Extensive quartz veining over 12.3 m. Three anomalous Au values (greater than 0.1 g/t Au) were encountered, including one (0.55 g/t Au) narrow (23 cm) sample at 50 m downhole in a small dark grey quartz vein, and one (0.49 g/t Au) wider (1.5 m) sample further downhole in schist.



- **LB-6:** Drilled at S5W. Collared in schist (variably altered like LB-5) transitioning into metasediments at end of hole. 1.5 of pyritic mudstone. One interval of anomalous Au (greater than 0.1 g/t Au).

1986-1987 Esso Minerals Canada (GM 46326): A till geochemical survey was conducted over parts of the Chinook Property, which included 80 reverse circulation drill holes drilled in Block 1. The primary objective of the program appears to have been to identify free gold particle dispersion trains in glacial sediments, traceable up-ice to a shear hosted Archean lode gold deposit which are known to host free gold (as opposed to refractory or sulphide hosted gold).

A reverse circulation drilling program was undertaken for the purpose of collecting overburden material – essentially glacial sediments - and analysing the heavy mineral concentrates derived in order to identify glacially transported gold grains and sulphide minerals. In all, 237 reverse circulation drill holes were drilled over the entire Chinook Property, with overburden samples collected in 1.5m to 3.0m runs, typically shorter runs in tills and wider runs in coarser material (pebbly/gravelly sediments), terminating within 1.5m in bedrock. The analysis – essentially tabulation and description of visible gold grains and sulphide minerals, was performed at Overburden Drilling Management Ltd (“ODM”), from Nepean, Ontario. Furthermore, the entire non-magnetic fraction of the heavy mineral concentrates was analyzed by Neutron Activation methods for gold, scandium, chromium, iron, cobalt, arsenic, molybdenum, antimony, barium, lanthanum, tantalum, tungsten, thorium and uranium, at X-Ray Laboratories, in Toronto.

1988 Esso Minerals Canada (GM 48402): One diamond drill holes (BQ size) was drilled on Block 1 for a total length of 160.9 m. It was collared on the western edge of the claim block.

- **LB-16:** Drilled at N5E. Collared in metasediment, with 90+ meters of quartz-feldspar porphyry, followed by variably blueschist-greenschist facies schist.

1996 Soquem (GM 54583): One diamond drill hole was drilled on Block 1 for a total length of 153.2 m. The hole is collared in the North of the claim block.

- **1175-96-02:** Drilled due north. Mafic volcanics, with some minor sulphides (including chalcopyrite) and quartz veining.

These holes demonstrate that this area represents the boundary between the Caopatina Formation sediments (to the south) and the Obatogamau Formation volcanics (to the north). It further demonstrates that the Obatogamau Formation in this area may be more complex than demonstrated on government geology maps, with sediments, felsic porphyry units, and felsic volcanic units encountered north of the Opawica-Guercheville Fault.

Block 2

No drilling yet conducted on these claims.



Block 3

1995 Soquem (GM 53912): One diamond drill hole was drilled on Block 3 for a total length of 135 m. The hole is collared on the North edge of the claim block.

- **993-95-64:** Drilled N45W. Mafic volcanics, with some intervals of sulphides (including chalcopyrite and sphalerite) and minor quartz veining. One 3 m interval of increased sulphides, grading 0.5% Cu and 0.1% Zn.

7. GEOLOGICAL SETTING

Regional Geology

The Property is located at the Eastern extremity of the Abitibi Greenstone Belt in the southeast part of the Superior province (Figure 7-1). The Abitibi Greenstone Belt is composed mostly of metavolcanics, granitoids, mafic intrusions, and metasedimentary rocks. The belt is interpreted to have formed autochthonously from a combination of arc and plume magmatism and comprises eleven episodes (Ayer et al., 2002b; Thurston et al., 2008; Ayer et al., 2010b). The first seven episodes represent periods of semi-continuous volcanism from 2750 to 2695 Ma. The four youngest episodes called: Caopatina (<2700 Ma), Opemisca (<2692 Ma), Porcupine (2690-2682 Ma) and Timiskaming (2677-2670 Ma), are dominantly sedimentary successor basins that were deposited on the volcanic rocks at the same time as plutons were being emplaced (Ayer et al., 2002b; Thurston et al., 2008; Ayer et al., 2010b).

The structure of the Abitibi consists of regional isoclinal folds and faulting. The isoclinal folds are generally E-W trending, but regional N-S isoclinal folds occur in the Timmins and Chibougamau areas (Goodwin, 1997). The folding formed steeply dipping stratigraphy and is a result of the 2695-2700 Ma Kenoran Orogeny (Corfu et al., 1989). Regional faults generally trend E-W with associated splays trending obliquely. Most of the Abitibi mineralization is structurally controlled. VMS (Volcanic massive sulfide) deposits have a strong association with syn-volcanic faulting, while lode gold deposits are associated with post-volcanic tectonic deformation.

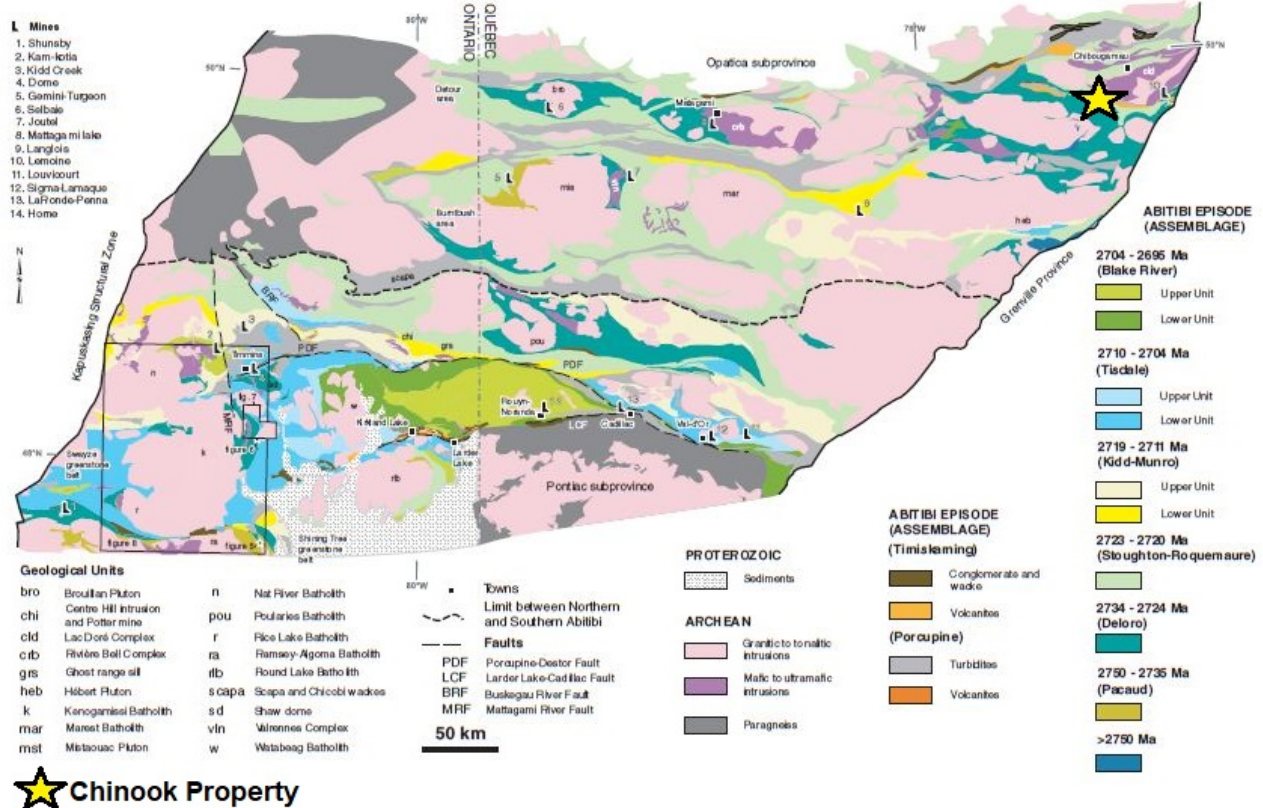


Figure 7-1: Map of the Abitibi Greenstone Belt. Modified from Thurston et al., 2008

Local Geology

Dimroth and Allard (1984) divided the Eastern extremity of the Abitibi into the Northern Zone, Internal Zone, and External Zone based on criteria such as lithologies, stratigraphic thickness, and abundance of plutons. The Chapais-Chibougamau geology occurs in the Northern Zone. The Northern Zone is bound to the East by the Grenville Province and the North by Opatica Belt (Chown et al. 1991). The regional geology consists of steeply dipping E-W trending stratigraphy, that is structurally complex, and metamorphosed to greenschist facies (locally up to amphibolite facies).

The Chapais-Chibougamau geology is comprised of the Archean Roy and Opémisca groups. The 3 to 4 km thick Roy group extends E-W for over 100 km. It is composed of basalt and basaltic andesite rocks that are overlain by volcanoclastic and sedimentary rocks (Allard and Gobeil, 1984). The Roy Group is subdivided into three cycles, each representing a unique paleogeographic phase. The Roy Group is also intruded by various types (i.e. granitoids, mafic, ultramafic) of synvolcanic plutons. The Roy Group is unconformably overlain by the Opémisca Group, which is comprised of sedimentary rocks. The contact between the two groups is faulted (Leclerc et al., 2012).



The structure of the Chapais-Chibougamau area is interpreted to be a large synclinorium of volcanic and sedimentary rocks bound by granitic plutons (Chown et al., 1991). The stratigraphy has been tilted steeply due to regional E-W and N-S trending folds (Daigneault, 1984). The area has endured five major deformational events referred to as D0, D1, D2, D3, and D4. D0 represents synvolcanic and synmagmatic structures (Dimroth and Allard, 1984; Daigneault et al. 1990). D1 is defined by N-S (axial plane) isoclinal folds. D2 is defining the E-W trending axial planes of isoclinal folds with associated axial planar cleavage. D3 consists of NE trending dextral shear zones. The last deformational event, D4, is a NNE-SSW cleavage from the Mesoproterozoic Grenville deformation (Dimroth and Allard, 1984; Daigneault et al. 1990). The most important structure, in terms of mineralization, is the E-W trending Opawica-Guercheville Fault. It is interpreted to be part of the D3 deformation event and is host to multiple Au deposits (Joe Mann Mine and Philibert Deposit; Dion and Guha, 1994).

Regional metamorphism is dominated by greenschist facies. Common orogenic metamorphic mineral assemblages include: chlorite, epidote, quartz, albite, actinolite, muscovite, and chloritoid. Metamorphic grade increases to amphibolite facies in rocks that are proximal to plutons and to the Grenville front (Daigneault et al. 1990).

Magnetic geophysical surveys have been successful for mapping major structures and stratigraphy on the Property. Magnetic data weakly outlines the regional, locally Au mineralized, Opawica-Guercheville fault (Figure 7-2). The contact between the Obatogamau Formation and the des Vents member is also highlighted by the magnetic data. The contact is prospective in terms of VMS-style mineralization.

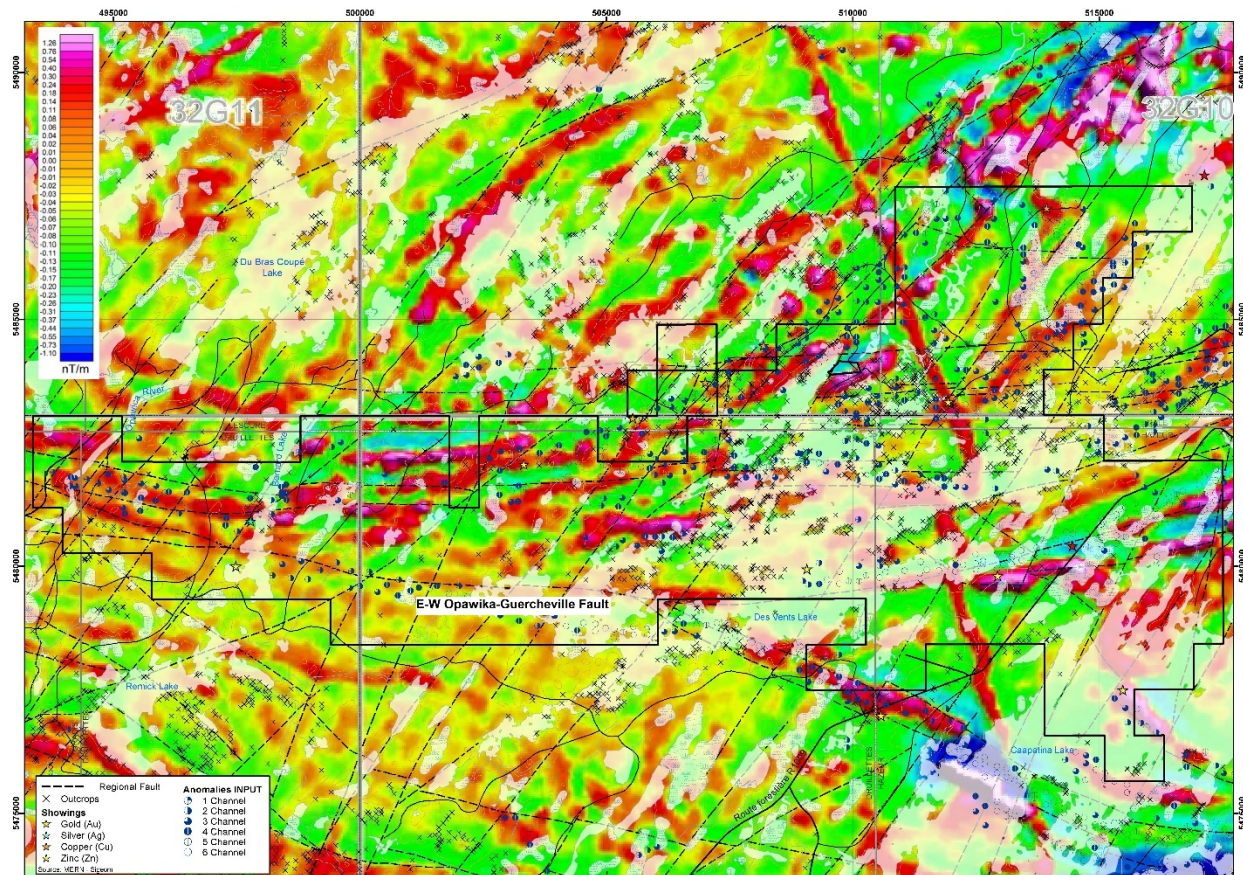


Figure 7-2: Vertical magnetic gradient map on the Chinook Property

Property Geology

The Chinook Property geology is dominated by the Obatogamau Formation of the Roy Group. The Obatogamau is approximately 3000 m thick and represents the start of a volcanic cycle (Leclerc et al., 2012). It consists of massive, pillowed, and plagioclase phyric tholeiitic basalts. The plagioclase phenocrysts are up to 8 cm in size and constitute up to 50% of the rock (Tait et al., 1987).

The des Vents member occurs in the North-central part of the Chinook Property. It was previously thought to be the start of the Obatogamau volcanic cycle; however, it has an age of 2805 to 2757 ma (Mortensen, 1993) suggesting it belongs to the first volcanic cycle called the Chrissie Formation. The des Vents member has a complex stratigraphy composed of felsic units interstratified with gabbro sills and basalt flows (Mueller and Chown, 1989). The felsic units are composed of massive to brecciated dacitic flows, reworked pyroclastic debris, pelagic sediments, and volcanoclastic sediments (turbidity currents; Chown et al., 1991).

The Southern part of the Chinook Property contains rocks of the Caopatina Formation (Opémisca group). It consists of a 1 to 2 km thick sequence of conglomerate, sandstone, argillite, and ash flow



tuffs. Sedimentary features indicate the deposition occurred in deep water, below storm wave base (Chown et al., 1991).

The Chinook Property contains the peripheries of multiple plutons. The Pluton de Drouet, in the Western extent of the Chinook property, consists of tonalite. The Pluton d'Hazeur in the SE corner is also composed of tonalite. The Complexe d'Eau Jaune occurs in the North-central part of the Chinook Property and consists mostly of diorite.

Regional Mineralization

The Chapais-Chibougamau area of the Abitibi hosts many ore deposits and mineralized zones (Figure 7-3). Most of the mineralization can be categorized as either shear hosted Au or VMS. Notable mines in the area include: Mine Lac Bachelor, Mine du Lac Shortt, and Joe Mann Mine. These and other mineralized zones are outlined in Table 7-1.

Mine Lac Bachelor is a presently producing Au mine located 76 km West of the Monster Lake Extension Zone claims. It has NI 43-101 compliant resources of 841,591 t at 7.79 ppm Au and NI 43-101 compliant reserves of 843,072 t at 7.1 ppm Au (Darling and Lafontaine, 2011). Mineralization is associated with brittle-ductile shears, at the contact of the Obatogamau Formation and a syenitic complex, near the Western extremity of the Opawica-Guercheville Fault. Mine Lac Bachelor is interpreted as a late-Archean intrusion-related Au deposit (Fayol and Jébrak, 2017).

Mine du Lac Shortt is a past producing Au mine located 57 km W-NW of the Monster Lake Extension Zone claims. The mine produced 2,700,000 t and currently has reserves (non-NI 43-101 compliant) of 525,352 t at 4.6 ppm Au. The deposit is hosted in the Opawica-Guercheville Fault.

Joe Mann Mine is a past producing Au, Ag, and Cu mine located 23 km East of the Monster Lake Extension Zone claims. The mine produced 4,289,221 t and currently has reserves (non-NI 43-101 compliant) of 1,525,838 t at 11 ppm Au, 5.49 ppm Ag, and 0.28% Cu. The deposit occurs where the Opawica-Guercheville Fault is cut by NE to NNE shear zones (Dion and Guha, 1994).

On March 28, 2018, IAMGOLD Corporation announced a NI-43 101 compliant maiden Inferred Resource for the Monster Lake joint venture project, which occurs 10 km north east of Block 3. The resource estimate comprises 1,109,700 tonnes of inferred resources at 12.1 grams of gold per tonne for 433,300 ounces of contained gold (Iamgold Corporation News Release, March 28, 2018).



Table 7-1: Summary of regional production, reserves, and resources. NO= Never Operated, CE= Currently exploring.

NAME	EASTING	NORTHING	STATUS	PAST PRODUCTION (T)	RESERVES (T)	AU (PPM)	AG (PPM)	CU (PPM)	ZN (PPM)	RESOURCES (T)	AU (PPM)	AG (PPM)	CU (PPM)	NI 43-101
MINE CONIAGAS	415404	5483078	Closed	718,465	77,176		98.44		22,000					No
MINE LAC BACHELOR	417050	5483525	Open	807,013	843,072	7.1				841,591	7.79			Yes
MINE DU LAC SHORTT	438107	5496266	Closed	2,700,000	525,352	4.6								No
FENTON	472747	5485663	CE							426,173	4.66			No
CHESBAR	507005	5483728	NO							14,000			18,000	No
PHILIBERT	528449	5480834	NO		1,393,092	5.32								No
ZONE CHEVRIER SUD	534078	5496140	NO							8,500,000	2			No
ZONE CHEVRIER	535180	5497553	NO							4,600,000	1.99			Yes
JOE MANN MINE	540793	5481839	Closed	4,289,221	1,525,838	11	5.49	2800						No
MONSTER LAKE	519833	5488420	Open							1,109,700	12.1			Yes

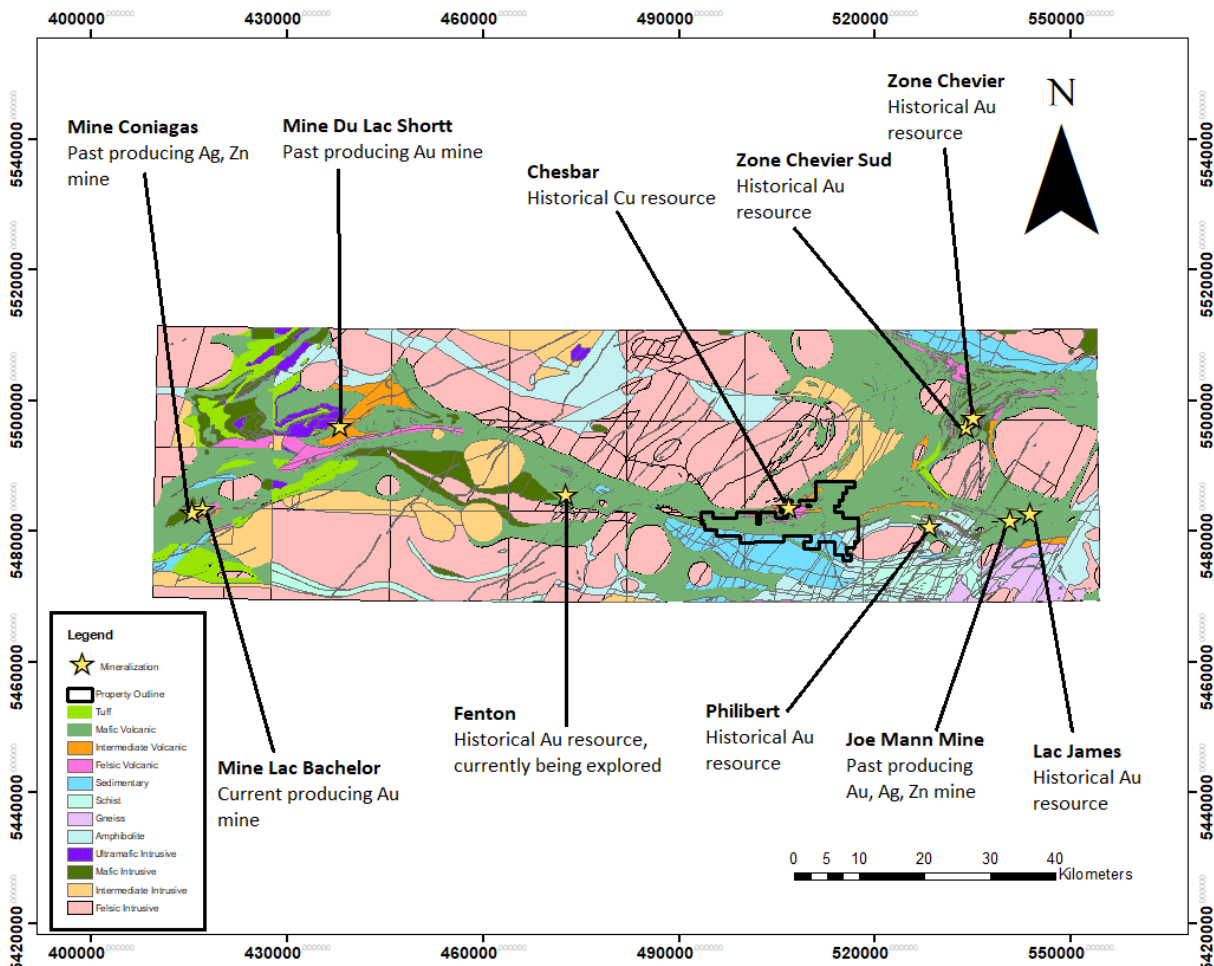


Figure 7-3: Regional mineralization in the NE extremity of the Abitibi Greenstone Belt.

8. DEPOSIT TYPES

VMS

The Abitibi is host to many world class VMS deposits. A VMS deposit is essentially a lens of semi-massive to massive sulfides (typically Fe, Cu, Zn, Pb +/- Au, Ag) formed on or below the seafloor due to a volcanic source driving metal-bearing hydrothermal fluids. Gibson et al (2007) developed a criterion consisting of 6 elements that are essential for forming VMS deposits (Figure 8-1). These include: 1) a heat source, such as a synvolcanic hypabyssal intrusion; 2) a high temperature reaction zone to allow leaching of metals from the rocks; 3) deep synvolcanic faults that act as pathways for metal-bearing hydrothermal fluids; 4) footwall and hanging wall alteration zone; 5) successive hydrothermal events to refine metal content; and, 6) exhalites that represent a hydrothermal contribution to background sedimentation.

VMS deposits of the Chapais-Chibougamau area have an association with NNW to NNE synvolcanic faults (D0) in the volcanic rocks of the Roy Group (Leclerc et al., 2012). The deposits commonly occur at the contact between the tholeiitic to transitional mafic volcanic rocks and the

calc-alkaline felsic rocks (Lafrance et al., 2006). This occurs because VMS formation requires a break in volcanism; sufficient time is required for the black smokers to deposit the metal bearing fluids on the seafloor. Evidence of a break in volcanism can be seen by chemical and clastic sedimentary rocks capping a volcanic cycle (Leclerc et al., 2012).

At the property scale, the most important rocks are the des Vents Member (Chrissie Formation) and the Obatogamau Formation. The des Vents member represents the end of the first volcanic cycle in the Roy Group while the Obatogamau represents the start of the second volcanic cycle of the Roy Group (Leclerc et al., 2012). The contact between these two units represents a break in volcanism. The break is host to the Chesbar Cu deposit that occurs just off the Chinook Property (14,000 t of 1.88 % Cu).

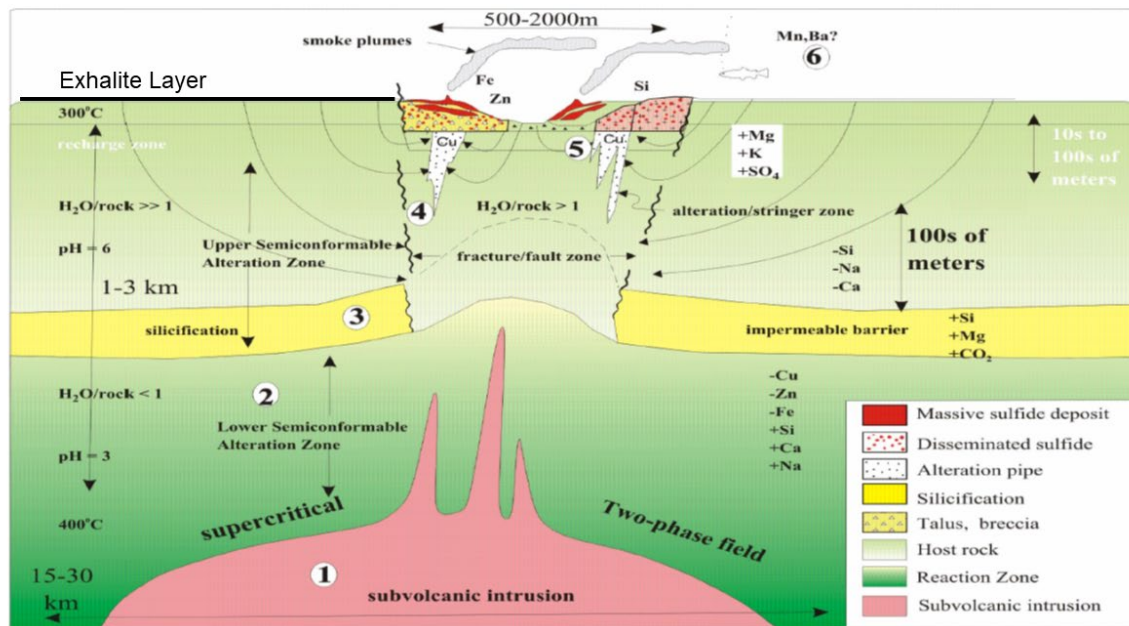


Figure 8-1: Idealized illustration outlining features associated with VMS mineralization. Altered from Gibson et al., 2007.

Lode Gold

Lode Au deposits typically occur in highly altered (i.e. quartz, albite, carbonate, tourmaline, sericite, chlorite) and deformed zones of Archean greenstone belts. They form due to the precipitation of gold from hydrothermal fluids circulating through deformed rocks. Abitibi lode Au deposits predominantly occur in reverse or reverse-oblique, high-angle (50° to 80°) shear zones that are proximal to major regional E-W trending faults (Sibson and Poulsen, 1988). The deposits have endured brittle-ductile deformation under greenschist to amphibolite metamorphic facies. Quartz and gold bearing shear veins are dominantly hosted in tholeiitic mafic-ultramafic rocks (Sibson et al., 1988).

Shear hosted Au deposits in the Chapais-Chibougamau area are associated with broad E-W reverse shear zones and the associated, conjugate NW-SE and NE-SE shear zones (Dube and Guha, 1989) The most prospective shear zones are characterized as having a strong Fe-carbonate-epidote-magnetite-fuchsite inner zone that grades out to a chlorite-calcite-magnetite outer zone (Guha et al. 1988). Typically, the Au mineralization is associated with pyrite, but chalcopyrite, magnetite, and tourmaline are also considered prospective (Leclerc et al., 2012).

At the property scale, the most significant structure is the E-W trending regional Opawica-Guercheville Fault. The shear and its associated conjugate shears are host to multiple Au resources and occurrences described in Section 7: Regional Mineralization (Joe Mann Mine and Philibert Deposit; Dion and Guha, 1994). The Opawica-Guercheville Fault is interpreted to be part of the D3 deformation event; it consists of a sub vertical mylonitic fabric with a strong stretching lineation. (Daigneault et al, 1990).

9. CURRENT COMPILATION WORK AND MAPPING

The compilation work for which this report has been prepared included the following:

- Acquiring all available assessment reports and government reports for the claims in question.
- Reviewing these reports in depth in order to ascertain areas of interest and targets for future exploration work, particularly considering recent regional mineral discoveries, including Monster Lake and the Nelligan Project.
- Digitizing all data for the claims in question which can be ascertained from said reports. This includes 8 drill holes which either collar on or extend onto the claims in question.
- Collar location, downhole surveys, lithological logging, and significant assays were transcribed from scanned assessment reports. Lithologies were newly interpreted in order to allow for generation of geological modelling based on the results.
- Desurveying of drillholes into 3D objects within mining software (Datamine Studio 3 ©) in order to plot in NAD83 (Zone 18N) space against other digital data, such as regional geological mapping.
- Plotting of sections (where possible) in order to interpret extension of lithologies to depth.
- Reviewing results from 80 reverse circulation holes drilled as part of an overburden sampling geochemical survey.
- Interpretation of newly digitized data in order to create supplemental detailed geology maps for the claims in question in GIS software (MapInfo Pro 16 ©).
- Identification of areas of interest based on above interpretation, as well as based on the character of recent nearby discoveries.

Acquisition of Reports and Review

Assessment reports and government reports were acquired from the Énergie et Ressources Naturelles Québec SIGEOM database. Assessment reports, government reports, and maps are available in PDF format. Digital data is available as ArcGIS shapefiles. Blue Thunder provided 54 previously acquired PDF files (not all directly relevant to claims in question) and 23 PDF files were newly acquired from the SIGEOM database for the purposes of this compilation. In addition, recent presentations, news releases, and reports published by nearby operators were reviewed.

Based on these the following were of immediate interest:

- Structural continuity with nearby deposits/occurrences
- Structural similarities to nearby deposits
- Large silica, sericite, biotite, and K-feldspar alteration indicating hydrothermal systems (similar to Nelligan Project discoveries)
- Structurally controlled smokey quartz veins (similar to Monster Lake deposit)
- Other typical Abitibi Greenstone Belt features

Digitizing Data

Table 9-1 outlines the drill holes digitized, and how many surveys, lithology units, and assay results were included.

Table 9-1: Drill holes digitized as part of current compilation work

DRILL ID	EASTING	NORTHING	ELEV.	BLOCK	SURVEYS	LITHOLOGIES	SIGNIFICANT ASSAYS	REPORT
LB-5	498920	5480231	364	1	7	17	3	GM 46303
LB-6	498904	5480089	364	1	5	24	1	GM 46303
LB-16	498155	5480794	353	1	5	6	-	GM 48402
770-10	498411	5479908	365	1	3	7	-	GM 33449
G1	499160	5481249	359	1	1	15	-	GM 21558
G2	499099	5481555	373	1	1	25	-	GM 21558
1175-96-02	499412	5482257	371	1	4	10	-	GM 54583
993-95-64	515566	5486769	371	1	2	9	3	GM 53912

All numbers that were provided in imperial or other systems of measurement were converted to metric. Lithological consolidation was employed in order to reduce the number of units for purposes of ease of interpretation and attempting to create consistency across multiple drilling programs, multiple logging philosophies, and multiple companies. The number of lithology units was reduced from dozens to 32, and then from 32 to 18 for plotting purposes.

All available assays were reviewed, and any significant assays were digitized. This includes any Au results over 0.1 g/t Au, any Ag results over 1 g/t Ag, and any Cu or Zn results over 0.1 %.

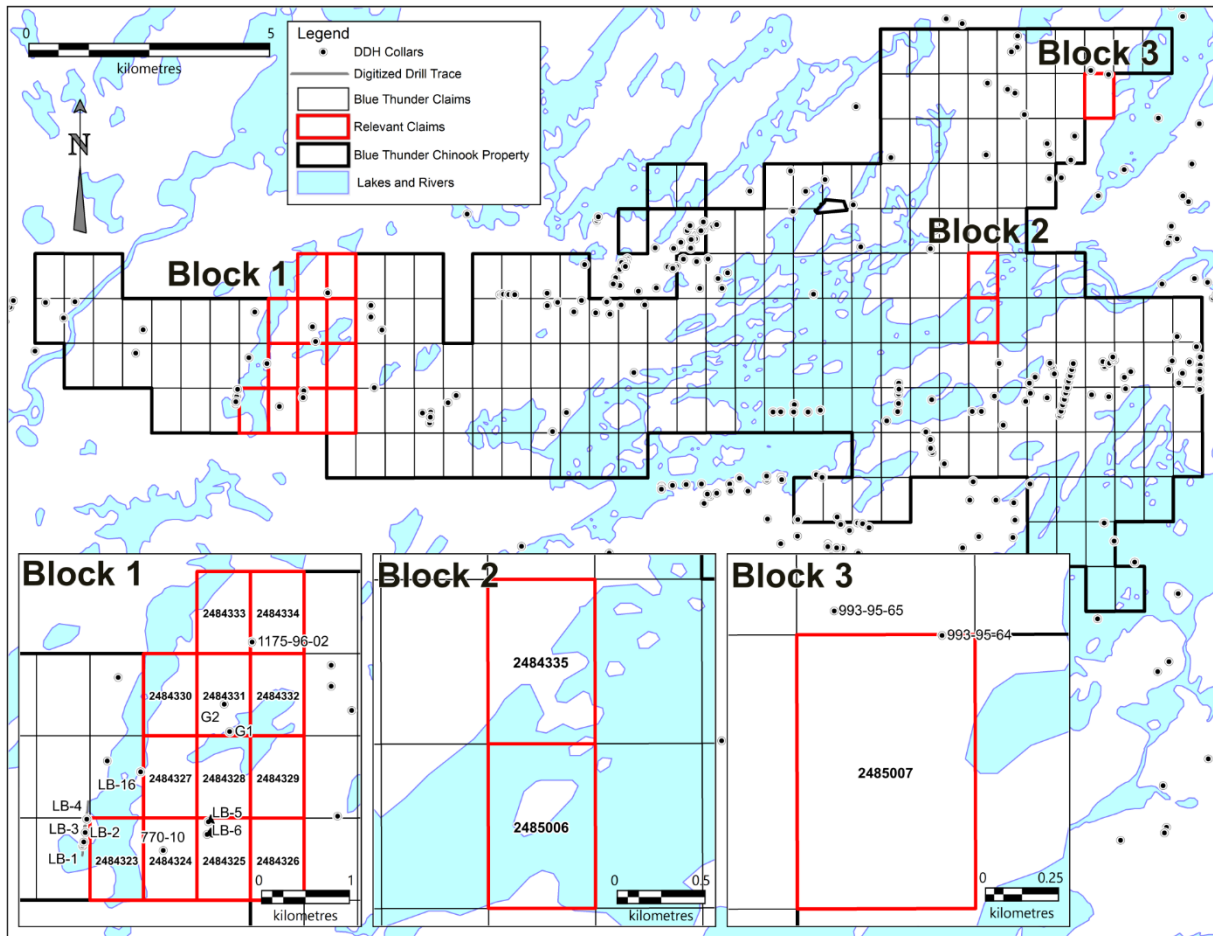


Figure 9-1: Location of digitized drill holes in relation to claim Block 1, 2, and 3

Section Work

Drillholes were imported into Datamine Studio 3 © software, desurveyed, and plotted with regional geology shapes as well as airborne magnetic survey data.

Block 1: Numerous drillholes were drilled on Block 1. 5 holes were drilled approximately north or south, and thus it was possible to create an approximate section combining these results. Additionally, overburden RC drilling was used where it intersected the drilling on section. Overall the section includes results over a 2700m span from north to south. These holes include the “contact schist” which appears to straddle the boundary between the Mafic Volcanics of the Obatogamau Formation and the Sediments of the Caopatina Formation. They also reveal a complexity with the formations not previously shown by regional survey maps. Another potential internal boundary of the Obatogamau Formation is shown by the presence of strong fabric (mylonites?) between the felsic-mafic southern volcanic succession, and the basalts observed to the north. Potential regional structures (as mapped by regional geophysics) are

included for reference. Of great interest is the presence of Au-bearing quartz veining, although minor, in the vicinity of the Opawica-Guercheville Fault.

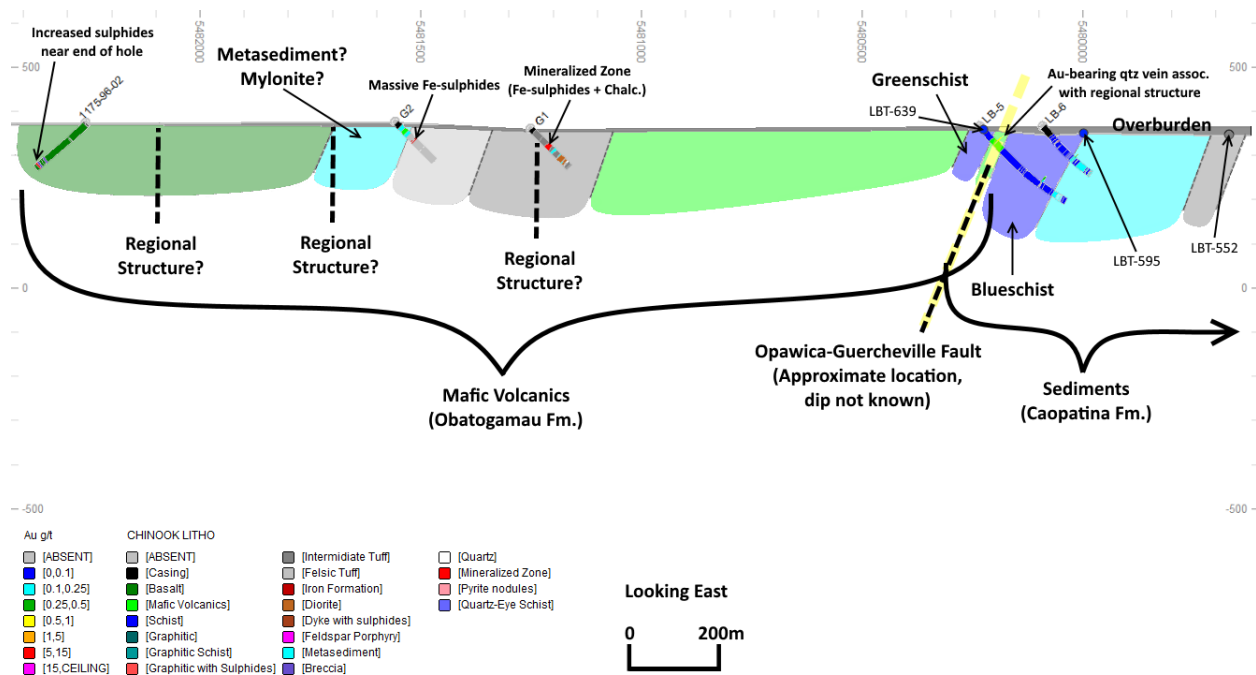


Figure 9-2: Block 1 Sectional Interpretation

Block 2: No drilling at this time.

Block 3: Not enough drilling to produce a section at this time.

Overburden Drilling Review

According to ODM, approximately 15% of background till samples in the Abitibi produce heavy mineral gold greater than 1000 ppb Au (Esso Minerals Canada, Opawica River Project, Till Geochemical Survey, NTS 32 G-7, GM 44071, October 1986) due to nuggety gold. One way to distinguish a ‘genuine’ dispersion trail from a spurious nugget anomaly is on the basis of gold grain counts as opposed to gold assays. ODM’s criteria for establishing a gold grain anomaly in the Abitibi are provided verbatim below:

- At least 10 gold particles per 8 kg of matrix
- Gold particles fall within specific range, reflecting the size of crystalline gold at source
- The gold particles are a common shape, reflecting a common distance from source
- Most gold dispersion trails are tracible for only 1km and gold particles become abraded after 1km of transport – shape of gold particles within 1km of source are either irregular or delicate

Within Block 1, a total of 80 reverse circulation holes were drilled as part of Esso’s geochemical sampling program. Gold grain counts and grain description results as tabulated by ODM were reviewed as part of this compilation exercise. Only 4 sediment samples from 3 of the 80 RC holes returned anomalous free gold counts meeting or exceeding ODM’s criteria. These results are summarized in Table 9-2 below and depicted in Figure 9-3.

Table 9-2: Overburden significant results

HOLE ID	EASTING	NORTHING	SAMPLE NUMBER	VISIBLE GOLD GRAIN COUNT	NUMBER DELICATE GRAINS	AU ASSAY
LB-T-597	499057	5479954	7	13	3	630 ppb
LB-T-559	499780	5479509	1	9	2	37 ppb
LB-T-558	499681	5479531	2	7	0	n/a
LB-T-558	499681	5479531	4	9	0	n/a

Hole LB-T-597 returned the highest gold grade count with 13 gold grains returned from Sample 7, of which 3 were described as delicate, implying proximity to source. We note that samples above and below Sample 7 in hole LB-T-597 *did not* return anomalous grain counts, including Sample 9, in contact with basement.

Holes LB-T-559 and LB-T-558 returned less than 10 gold grains and thus fall below ODM’s minimum threshold of 10 grains. That said, these two holes did return high grain counts in relation to the rest of the population and given they are situated at neighbouring drill stations spaced 100m apart, we decided to flag the results.

In general, most samples reviewed as part of this compilation returned gold grain counts which did not exceed 1 or 2 gold grains.

We note that two ice directions have been established in the Chibougamau district; an earlier advance to the southeast based on glacial striations oriented 125 degrees and a subsequent more dominant ice advance to the southwest at 225 degrees (Esso Minerals Canada, Opawica River Project, Till Geochemical Survey, NTS 32 G-7, GM 44071, October 1986).

Given this knowledge, further investigation to the northeast of Hole LB-T-597 and perhaps LB-T-559 and LB-T-558 may be warranted.

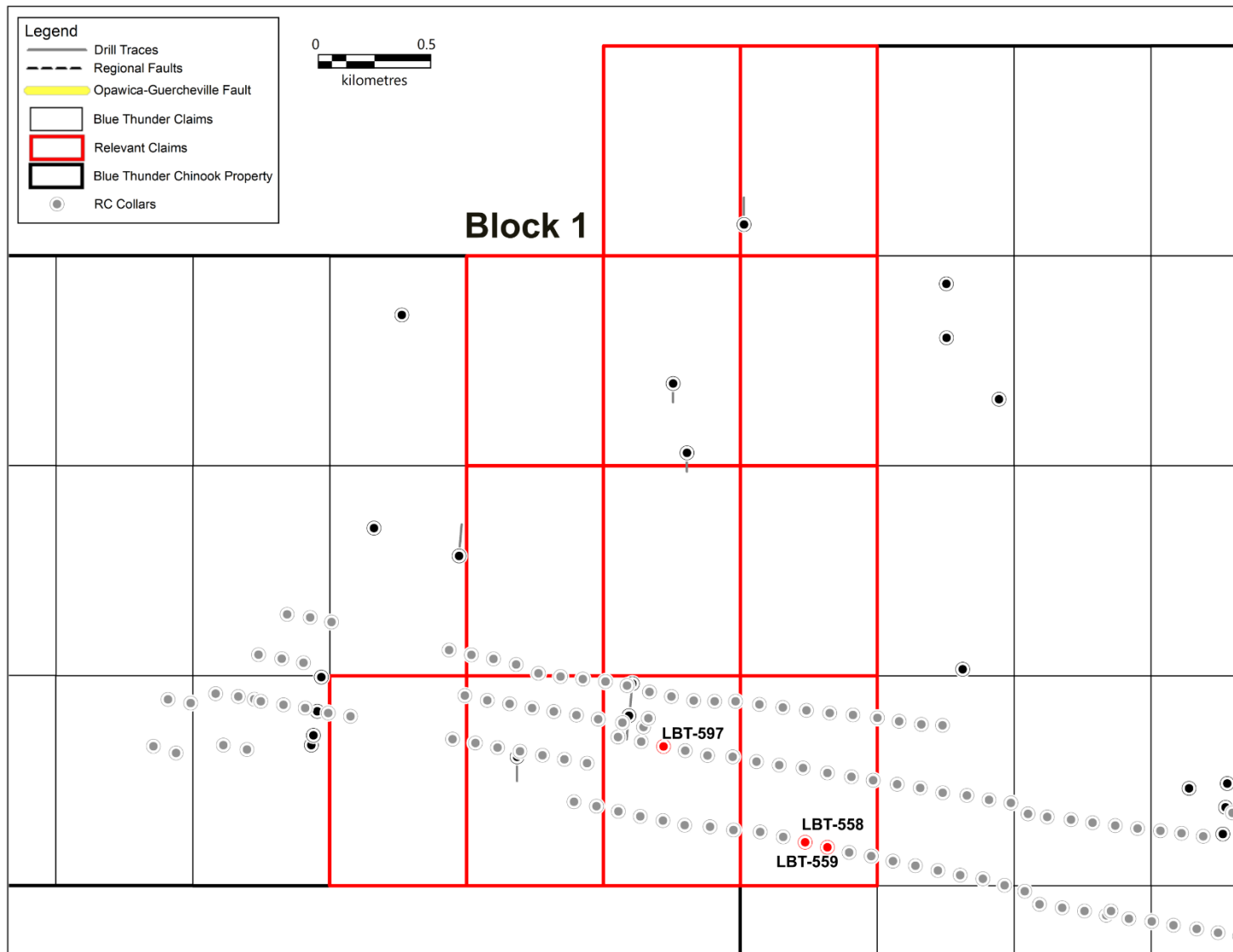


Figure 9-3: RC Drilling Locations with significant results highlighted in red



Detailed Geological Mapping

Using the lithological interpretations of the section, as well as the detailed lithologies of the other digitized drill holes, detailed lithology shapes were generated in MapInfo Pro 16 ©, in order to enhance the regional geological map acquired from the Quebec survey. Figure 9-4 through 9-7 display those results. These sometimes include previous detail work completed on other blocks of the Chinook Property, which are also used for reference where logical.

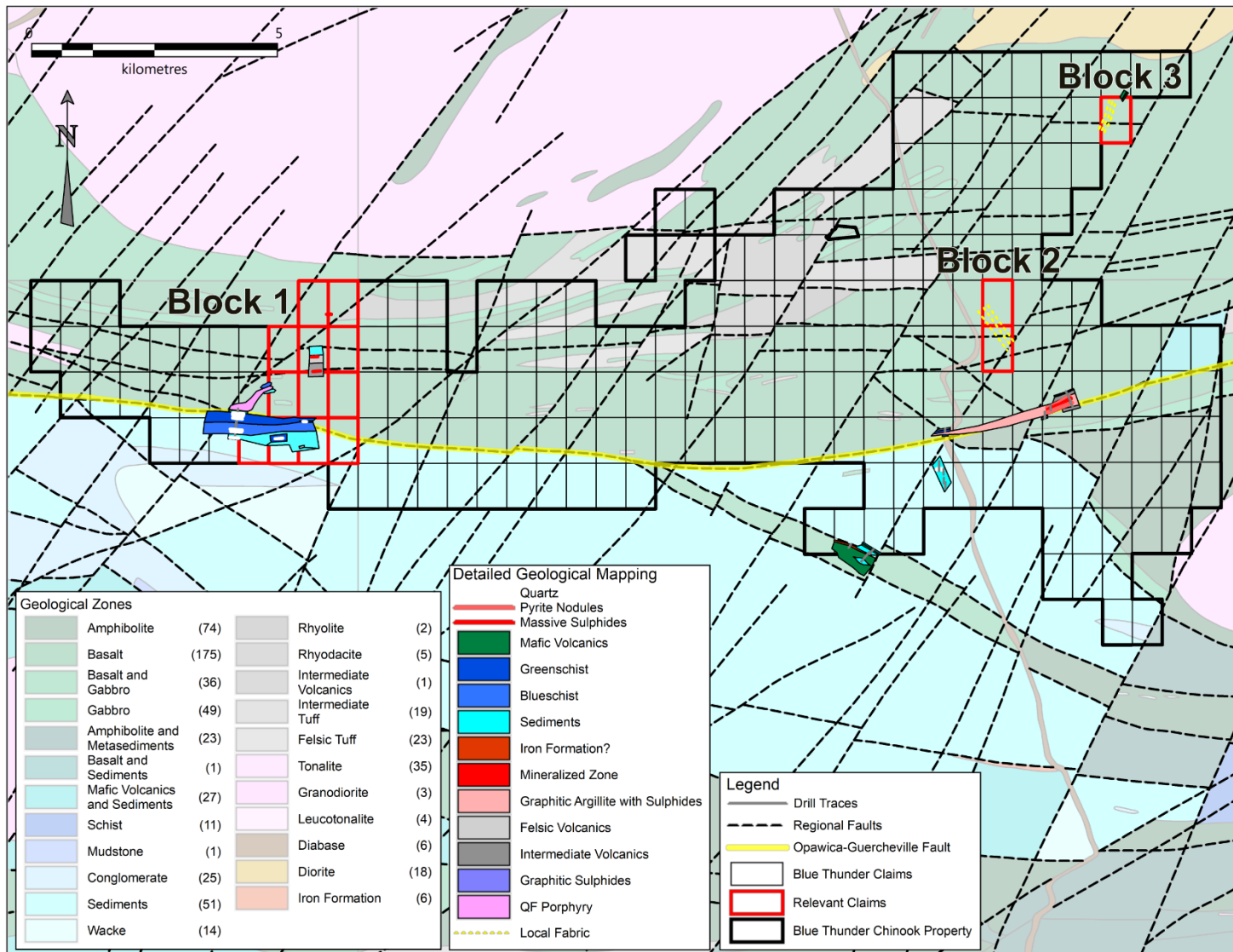


Figure 9-4: Map of Chinook Property with regional geology backdrop and detailed geology mapping overlain on top

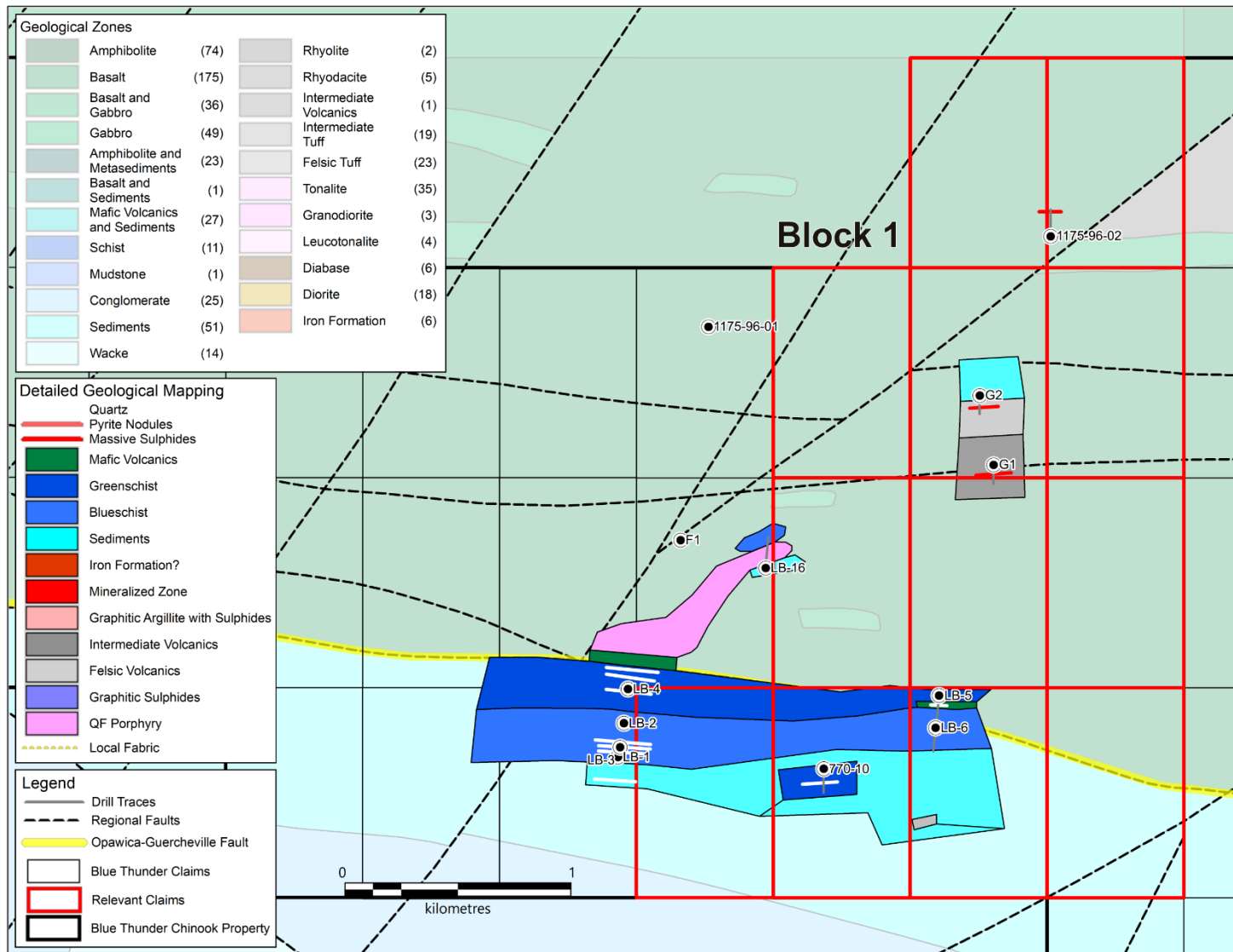


Figure 9-5: Map of Block 1 with regional geology backdrop and detailed geology mapping overlain on top

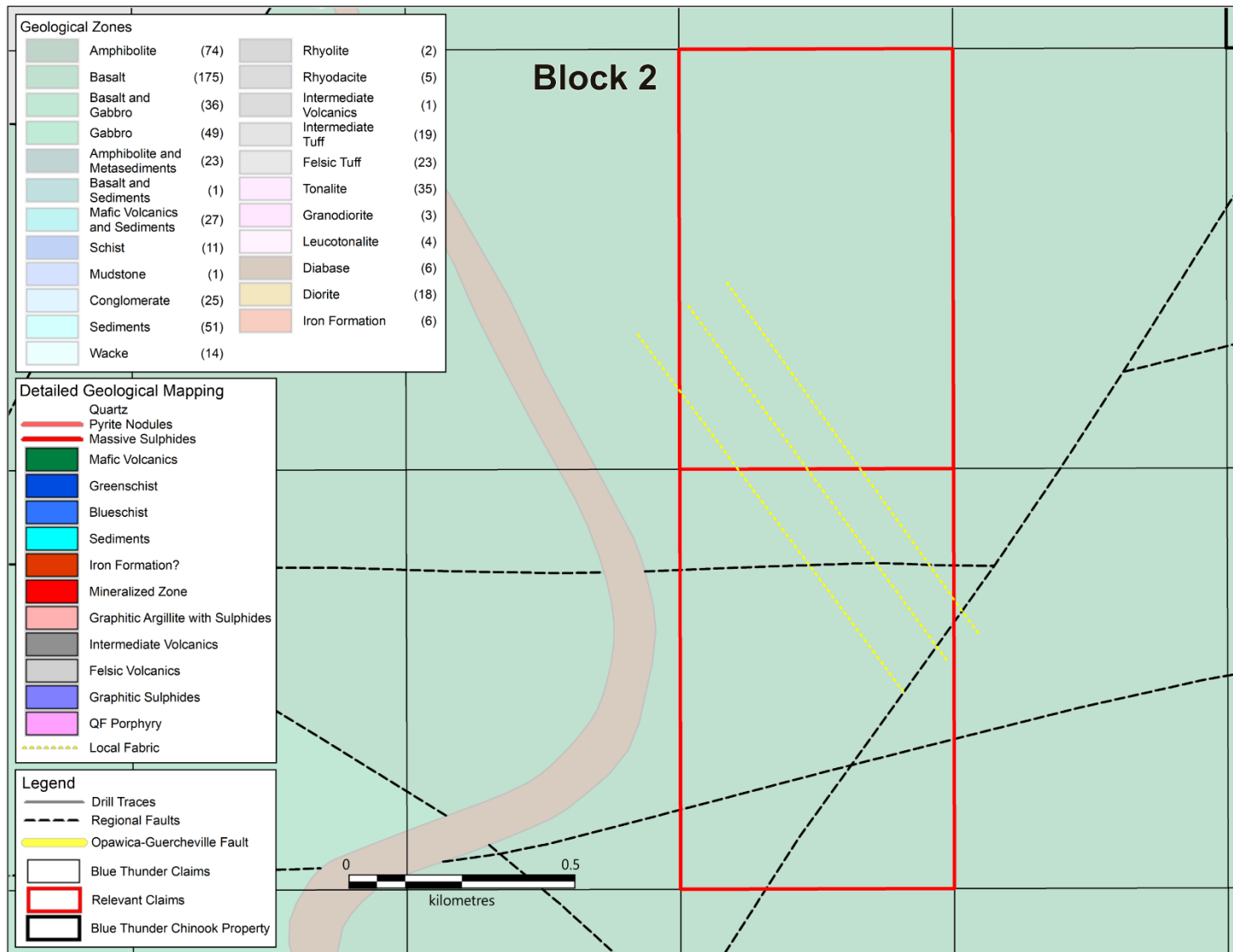


Figure 9-6: Map of Block 2 with regional geology backdrop and detailed geology mapping overlain on top

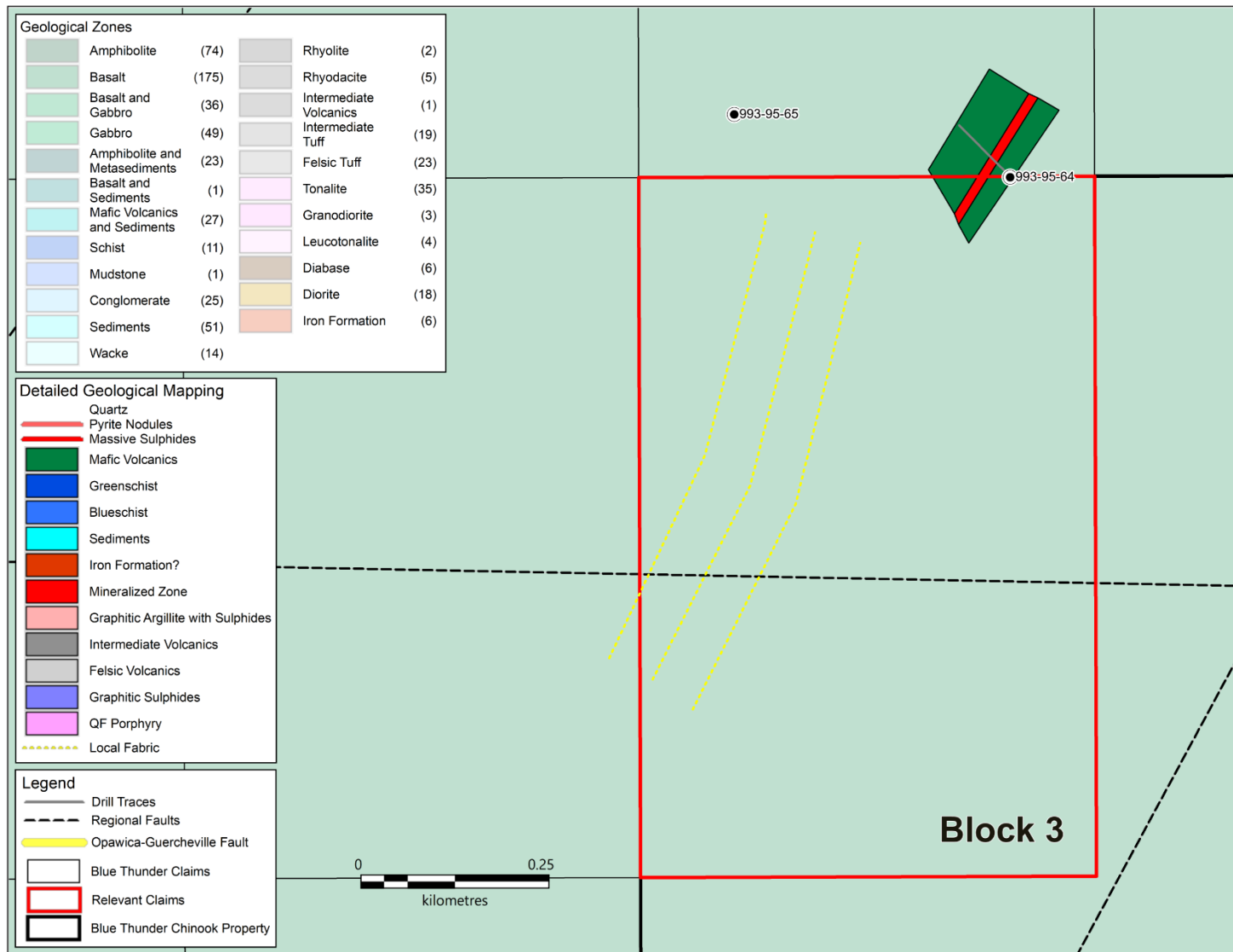


Figure 9-7: Map of Block 3 with regional geology backdrop and detailed geology mapping overlain on top



10. RESULTS

The results of this compilation and mapping are encouraging for future exploration at the Property. The following were observations made during the compilation:

- Data was readily available and useable.
- Logs in the assessment reports were easily understandable.
- Section interpretations did not involve any contradictory information.
- Detailed mapping seems to be adding to the understanding based on the regional geology, without contradicting any of it.
- High quality Megatem II airborne EM and magnetic provides valuable information that conformed well with historical drilling results.

A series of Areas of Interest were generated and are explained in the interpretation and conclusions, and this can be the basis of future planning.

11. INTERPRETATION AND CONCLUSIONS

The interpretations and conclusions of this compilation are summarized as a series of Areas of Interest. Based on the detailed review of assessment reports, the digitized drilling data, the sectional and map interpretations, and recent nearby discoveries, these have been identified on the claims in question. These areas are identified on Figure 12-1 and are as follows:

1. This location in Block 1 is of interest based on:
 - anomalous overburden Au results nearby
 - Au encountered in smokey quartz veining (albeit minor) in vicinity of main regional structure (Opawica-Guercheville Fault)
 - the boundary between volcanic and sedimentary formations
2. This location in Block 1 is of interest based on:
 - the interesting rock types (QF porphyry, massive sulphides along trend to west)
 - interesting derivative mag feature on edge of regional mag body
3. This location in Block 1 is of interest based on:
 - anomalous overburden Au results nearby
 - the presence of two regional faults meeting nearby
 - proximity of gold results to Opawica-Guercheville Fault
4. This location in Block 2 is of interest based on:
 - previous results nearby (anomalous Cu and Zn)
 - untested regional fabric indicated in mag and parallel to features at nearby deposits

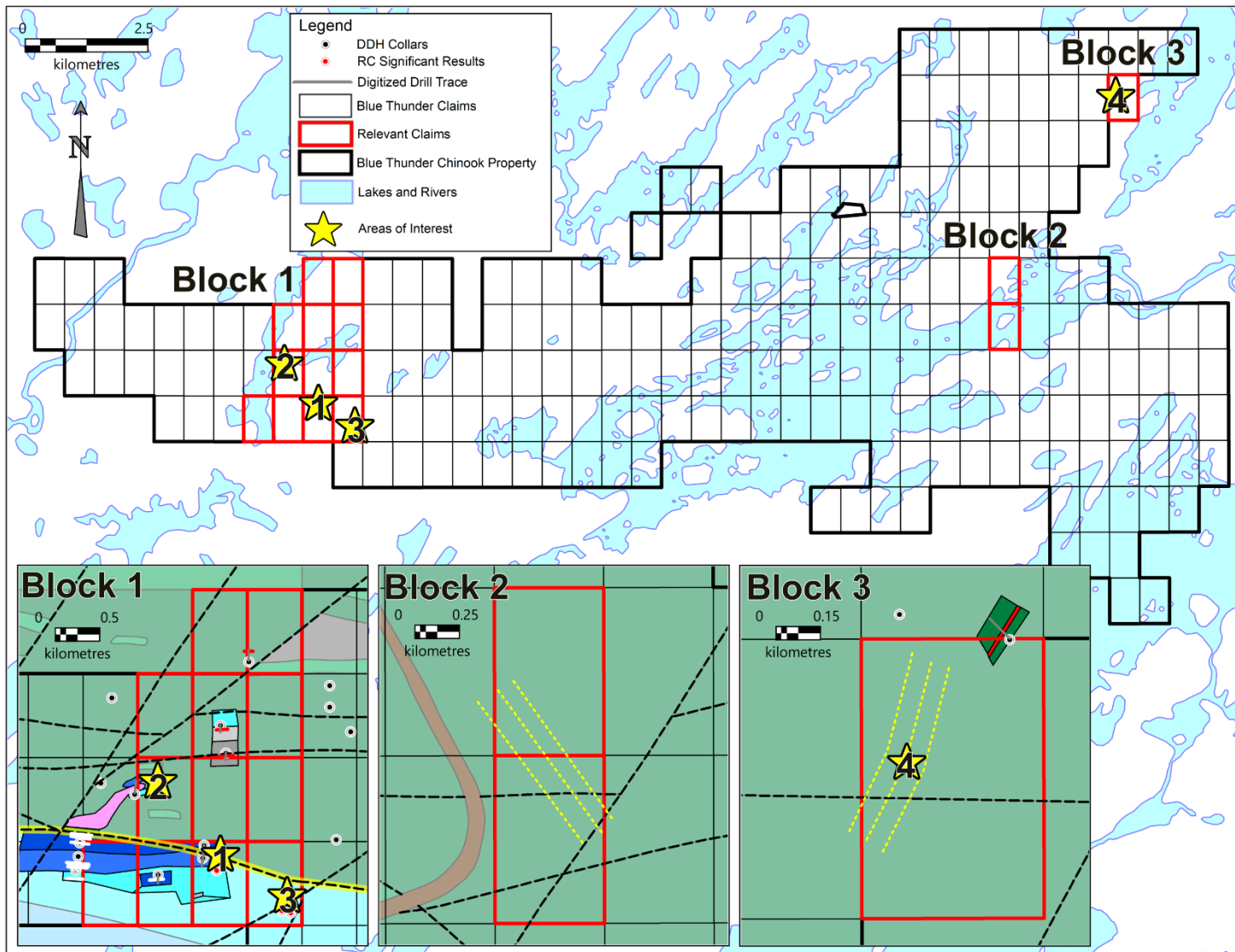


Figure 11-1: Map of Areas of Interest



12. RECOMMENDATIONS

Based on the compilation work completed on the Property, it is recommended that the Company further investigate the Areas of Interest through site work, whether surface reconnaissance, geophysics, surface sampling, or, if possible, drilling.

Performing compilation work of a similar level of detail as reported here on the rest of the claim package, or at least on those claims adjacent to the Opawica-Guercheville Fault. Similarly, a property-wide structural and geophysical interpretation to tighten up the structural targeting and geological interpretations.

A next step for these claims specifically would be to perform some combination of surface sampling, either MMI (Mobile Metal Ions), vegetation (i.e. tree bark) sampling or Soil-Gas survey, and ground IP (Induced Polarization), and low level high resolution airborne magnetic survey. This combination has been successfully deployed throughout the Abitibi and Detour belts to guide exploration and facilitate new discoveries.

Estimated Cost for recommendations on these claims:

- MMI Survey: 839 hectares x \$10k per 100 hectares = \$84k
- IP Survey: 839 hectares x \$50k per 100 hectares = \$420k
- Airborne Magnetic Survey: 839 hectares x \$5k per 100 hectares = \$42k



13. STATEMENT OF QUALIFICATIONS

I, Scott Zelligan, P. Geo (Ontario) with business and residential address of 3357 Beechwood Drive, Coldwater, Ontario, do hereby certify that:

1. I am a member in good standing of the APGO with membership number 2078.
2. I am a graduate of Carleton University with a Bachelor of Science degree in Earth Sciences (B.Sc.2008).
3. I certify that by reason of my education and past relevant work experience, I fulfill the requirements to be a "Qualified Person" for the purpose of this report.
4. I've worked as a production and exploration geologist for major and junior mining companies.
5. I am an Independent Consulting Geologist.
6. I have participated and overseen the creation of this report, which is based on written and spoken communications from Edmond Thorose, President of Blue Thunder, and my own compilation work, as described in the report.
7. I consent to the filing of this Report.

Dated in Coldwater, Ontario, this 3rd day of January 2019

Scott Zelligan



MICHAEL W. KILBOURNE, P.GEO.

I, Michael W. Kilbourne, P.Geo., residing at 405-25 Oxley Street, Toronto, Ontario, M5V 2J5 do hereby certify that:

1. I am an independent geological consultant contracted by Blue Thunder Mining Corp.;
2. This certificate applies to the Report titled "Exploration Report at the Monster Lake Extension Zone Claims, 26 km South of Chapais, Quebec, Canada, Latitude 49° 29' N, Longitude 74° 52' W, NTS Map sheets 32G/10, 32G/06, and 32G/07, for Blue Thunder Mining Corporation, co-authored by Elaine Ellingham P.Geo., Ed Thorose, BSc., and Michael Kilbourne, P.Geo. dated April 2018.
3. I am a graduate of the University of Western Ontario with a B.Sc (HONS) in Geological Sciences (1985). I have worked as a geologist for a total of 30 years since obtaining my Honours B.Sc. degree. I am a geological consultant currently licensed by l'Ordre des Géologues du Québec (OGQ, Temporary License No. 1971), and the Association of Professional Geoscientists of Ontario (APGO, License No. 1591);
4. I have been involved in the property visit and verification of the Lac Des Vents Project;
5. As of the date of this certificate, to the best of my knowledge, information and belief, the Report contains all scientific and technical information that is required to be disclosed to make the Report not misleading;
6. As at the date of this certificate, I do not hold any shares, options or warrants of Blue Thunder Mining Corp.

Signed: January 3, 2019

A handwritten signature in blue ink, appearing to be "M. Kilbourne", written over a horizontal line.

[Michael Kilbourne, OGQ [(temporaire) #1971] APGO[#1591]

Michael Kilbourne, P.Geo.



I, Edmond Thorose, B.Sc., do hereby certify that:

1. I am currently consulting for Blue Thunder residing at 38 Ironshield Crescent, Markham, ON
2. I graduated with a B.Sc. in Earth Sciences from University of Toronto, Ontario in 1996.
3. I have worked in geosciences since 1996 in Ontario, Yukon Territory, Indonesia and the Democratic Republic of Congo.
4. I consent to the filing of the Report.

DATED at Toronto, Ontario this 3rd day of January, 2019.

Respectfully submitted,

A handwritten signature in blue ink, appearing to be "Ed Thorose", with a long horizontal flourish extending to the right.

Ed Thorose, B.Sc.

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GM 44071 (Esso Minerals Canada, 1986)

GM 46303 (Esso Resources Canada, 1986)

GM 46326 (Esso Resources Canada, 1986)

GM 48402 (Esso Resources Canada, 1988)

GM 53912 (Soquem, 1995)

GM 54583 (Soquem, 1996)



15. APPENDICES

Appendix 1: Blue Thunder Chinook Property Claims

NTS SHEET	TYPE OF TITLE	TITLE NO	AREA (HA)	EXCESS WORK	REQUIRED WORK	REQUIRED FEES	TITLEHOLDER(S) (NAME, NUMBER AND PERCENTAGE)
32G07	CDC	2435589	55.95	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2435590	55.9	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2435591	54.79	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2435592	55.89	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2435593	55.41	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2435700	55.92	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2435701	55.91	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2435702	55.91	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2435703	55.91	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2435704	55.9	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2435705	55.89	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2436269	55.92	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2436270	55.92	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2436271	55.91	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2436272	55.91	\$ - \$	780.00	\$ 128.18	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2438673	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2438674	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2438675	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2438676	55.92	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2438677	55.92	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2438678	55.92	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2441791	55.96	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2441792	55.96	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2441793	55.95	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2441794	55.95	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2443987	55.9	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2443988	55.89	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2443989	55.89	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2443990	55.88	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2443991	55.88	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2443992	55.88	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)



NTS SHEET	TYPE OF TITLE	TITLE NO	AREA (HA)	EXCESS WORK	REQUIRED WORK	REQUIRED FEES	TITLEHOLDER(S) (NAME, NUMBER AND PERCENTAGE)
32G10	CDC	2443993	55.88	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2443994	55.88	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2443995	55.88	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2443996	55.87	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2443997	55.87	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2443998	55.87	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2443999	55.86	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2444000	55.86	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2444001	55.86	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2444002	55.86	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2444003	55.86	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444051	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444052	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444053	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444420	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444421	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444422	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444423	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444424	55.93	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444425	55.93	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444426	55.92	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444427	55.92	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444428	55.91	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444584	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444585	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444586	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444587	55.93	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444588	55.93	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444589	55.93	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2444590	55.93	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2449187	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2449188	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2449189	55.94	\$ - \$	780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)



NTS SHEET	TYPE OF TITLE	TITLE NO	AREA (HA)	EXCESS WORK	REQUIRED WORK	REQUIRED FEES	TITLEHOLDER(S) (NAME, NUMBER AND PERCENTAGE)
32G06	CDC	2456447	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2456448	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2456449	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2457525	55.88	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2457526	55.87	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2457527	55.87	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2457528	55.87	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2457529	55.87	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2457530	55.86	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2457531	55.86	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2457532	55.86	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2457533	55.86	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2457534	55.86	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2458273	52.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2458274	48.43	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2411460	55.89	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2462098	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2462099	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2462100	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2462101	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2462102	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2462103	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2462104	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2462105	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2462106	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2462107	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2462108	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2462109	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2462110	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2462111	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2464497	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2464498	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2465267	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)



NTS SHEET	TYPE OF TITLE	TITLE NO	AREA (HA)	EXCESS WORK	REQUIRED WORK	REQUIRED FEES	TITLEHOLDER(S) (NAME, NUMBER AND PERCENTAGE)
32G07	CDC	2466249	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2467423	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2470002	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2470003	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2471028	55.97	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2477363	55.95	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2477364	55.95	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2477365	55.95	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2477366	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2477367	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2477368	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2477369	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2477370	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2477371	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2477372	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2477373	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2480152	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2484323	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2484324	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2484325	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2484326	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2484327	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2484328	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2484329	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2484330	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2484331	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2484332	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2484333	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2484334	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2484335	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2485006	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2485007	55.87	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2489716	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)



NTS SHEET	TYPE OF TITLE	TITLE NO	AREA (HA)	EXCESS WORK	REQUIRED WORK	REQUIRED FEES	TITLEHOLDER(S) (NAME, NUMBER AND PERCENTAGE)
32G06	CDC	2489717	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2489718	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2489719	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2489720	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2489721	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2489722	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2489723	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2427253	55.96	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2427254	55.95	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2491583	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2491584	55.9	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2491585	55.9	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2491586	55.89	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2491587	55.89	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2491588	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2491589	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2491590	55.9	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2491591	55.89	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2491592	55.9	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2491593	55.89	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2491594	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2491595	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2491596	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2491597	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2491598	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2491599	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2491600	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2491601	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2491602	55.9	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2491603	55.9	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2491604	55.9	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G10	CDC	2491605	55.89	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2491928	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)



NTS SHEET	TYPE OF TITLE	TITLE NO	AREA (HA)	EXCESS WORK	REQUIRED WORK	REQUIRED FEES	TITLEHOLDER(S) (NAME, NUMBER AND PERCENTAGE)
32G07	CDC	2491929	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2491930	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492059	55.95	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492060	55.95	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G06	CDC	2492061	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492062	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492063	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492064	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492065	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492066	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492067	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492068	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492069	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492070	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492071	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492072	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492073	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492074	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2492075	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2494173	55.97	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2431802	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2431803	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2431804	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2433806	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2433807	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2433808	55.94	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2433809	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2433810	55.93	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2434455	55.92	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
32G07	CDC	2434456	55.91	\$ -	\$ 780.00	\$ 64.09	Blue Thunder Mining Corporation (97012) 100 % (responsible)
		226		\$ -	\$ 176,280.00	\$ 15,445.69	