

**TYEE PROJECT  
TECHNICAL REPORT**

**BLACKBIRD CRITICAL METALS  
CORP.**

NATIONAL INSTRUMENT 43-101

TECHNICAL REPORT

ON THE

**TYEE PROJECT,  
QUÉBEC, CANADA**

Minganie Region, Côte-Nord,  
Québec, Canada

NTS Map Sheet 012M  
Centered Near: 51°31.50'N latitude and 63°20.00'W longitude.

Report Prepared for:

**Blackbird Critical Metals Corp.**

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Effective Date: July 3<sup>rd</sup>, 2024

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## **1 Summary**

### **1.1 Issuer and Terms of Reference**

Blackbird Critical Metals Corp. ("Blackbird" or the "Issuer", f.k.a. Gama Explorations Inc.) is a mineral exploration company headquartered in Vancouver, Canada, that holds full (100%) ownership of the Tyee Iron, Titanium, and Vanadium Project ("Tyee Project" or "the Project" or "the Property"), situated 140 km north-northeast of the community of Havre-Saint-Pierre in Québec, Canada. Blackbird is publicly traded on the Canadian Securities Exchange (stock ticker BBRD), the OTCQB (stock ticker BBCMF) and the Frankfurt Stock Exchange (stock ticker N79).

Blackbird commissioned Alex W. Knox, M.Sc., P.Geol. to prepare a Technical Report on the Tyee Project. This Technical Report is based on internal company reports, laboratory test results, maps, published government reports and public information.

### **1.2 Location**

The Tyee Property is located approximately 140 kilometres north-northeast from the town of Havre-Saint-Pierre, in the Minganie municipality of the Côte-Nord administrative region, Province of Québec, Canada (Figure 1). The Property comprises three discontinuous groups of claims that straddle the border between National Topographic System (NTS) map sheets 12M-05, -06, -07, -11, and -12. The centre of the Property lies at approximately 51°31.50'N Latitude and 63°20.00'W Longitude.

### **1.3 History**

Mineralization on the Tyee property was discovered in 1970 but has not been the subject of any exploration work since. The historical data considered relevant are:

- Between 1965 and 1970, the Department of Natural Resources Québec conducted a geological reconnaissance program known as the "Grenville Project" within the Grenville geological province, covering a vast territory that included ~220,000 km<sup>2</sup> between Chibougamau and Natashquan. This program aimed to map previously unmapped areas, including the area comprising the Tyee property.
- The part of the above study that investigated the Magpie, Saint-Jean, and Romaine Rivers area (1970) highlighted the potential for discovering iron- and titanium-oxides and noted other mineral occurrences like that of pyrite and chalcopyrite. In addition to geological mapping, stream sediment geochemical sampling was conducted in the region, including over the present Tyee Property. The samples obtained were analyzed for a suite of elements that includes Cu, Zn, Pb, Ni, Co, Mn, Ag, Mo, and U.
- In 1988, lake sediment geochemical sampling was carried out in the Havre-Saint-Pierre region. Sample analytical results revealed elevated contents of gold, zinc, copper, chromium, beryllium, and rare earths in several areas.

### **1.4 Geology and Mineralization**

The Tyee project area is located at the north-eastern part of the Grenville Geological Province. The Grenville Province consists of Archean and Paleoproterozoic assemblages and Proterozoic intrusive

units that were deformed and metamorphosed during a 1.09-0.98 Ga continental collision. The province contains voluminous anorthosite-mangerite-charnockite-granite (AMCG) intrusive suites, the world's largest concentration of anorthosite massifs.

The Havre-Saint-Pierre (HSP) AMCG suite is a significant Grenvillian massif that comprises several anorthosite lobes with enveloping mangerite to charnockite units; Fe-Ti-V mineralization is primarily associated with specific massifs within the suite. Various U-Pb geochronology studies indicate the youngest intrusion in the HSP is  $1062 \pm 4$  Ma.

The Romaine River massif makes up the northeastern extent of the HSP suite, and is typically massive anorthosite with local clinopyroxene, orthopyroxene, hornblende, and biotite.

Localized ilmenite and magnetite-bearing units in the Romaine River massif are generally form continuous to lens-shaped bodies. Mineralization at the Tyee property is composed of ilmenite and vanadiferous-titaniferous magnetite and may form a significant proportion of the bedrock at showing areas. Each of the mineralized showings varies in thickness and extent.

Sulfide-bearing occurrences that are enriched in Ni-Cu-(PGE)s are also present on the Tyee property. Some locations show evidence of significant sulphide mineral segregations, exhibiting evidence of rapid cooling rates and/or filter-press behavior of sulfide liquid among oxide crystals.

## **1.5 Exploration**

In 2023, Blackbird conducted an exploration program at the Tyee Property, which included an airborne geophysical survey (magnetic and EM), and a follow-up beep-mat directed surface sampling program.

The geophysical survey, conducted by SKYTEM Airborne Surveys, comprised 3564.9 km of flight lines. The survey collected time-domain electromagnetic and magnetic data with 200 m line spacing and a nominal terrain clearance of 50-60 m. Following the geophysical survey, Blackbird's fall sampling program targeted areas identified by EM and magnetic results, further localized by beep-mat investigation. The program led to the collection of samples from 93 sites.

## **1.6 QAQC**

The Qualified Person believe the security and integrity of the core samples submitted for analyses during the 2023 sampling program is acceptable with adequate record keeping, storage locations, sample transport methods, and the analytical laboratories' chain of custody procedures. Furthermore, it is Qualified Person's opinion that the sample collection, preparation and analytical procedures undertaken on the Project during the 2023 sampling program is appropriate for the sample media and mineralization type, the stage of project, and conforms to industry standards.

## **1.7 Data Verification**

The author visited the property on June 19, 2024. The author visited the Big Tio showing and the St. Laurent showing. Both showings expose massive ilmenite and anorthosite in small outcrops. The author took verification samples from massive ilmenite on both showings. Sample results confirm the showings consist of massive ilmenite with anomalous concentrations of vanadium and chromium.

## **1.8 Conclusions and Recommendations**

During 2023, Blackbird collected 93 rock samples for assay which may be used in combination with the geophysical survey to identify target areas for drilling. Without any prior exploration on the property, the 2023 surface investigation and assay results, suggest that the Fe-Ti-V mineralization at Tyee should be prioritized for follow-up drilling. The highest concentration of ilmenite-bearing and TiO<sub>2</sub> enriched samples were at the NS Trend and Big TiO showings

## **2 Introduction**

### **2.1 Issuer**

Blackbird Critical Metals Corp. (Blackbird) is a mineral exploration company headquartered in Vancouver, Canada, with 100% ownership in the Tyee Iron, Titanium, and Vanadium Project, located 140 km north-northeast of the community of Havre-Saint-Pierre, in the Nord-du-Québec administrative region, Québec. Blackbird is listed on the Canadian Securities Exchange (stock ticker BBRD), the OTCQB Exchange (stock ticker BBCMF) and on the Frankfurt Stock Exchange (stock ticker N79).

### **2.2 Terms of Reference**

Alex W. Knox, M.Sc., P.Geol. has been commissioned by Blackbird to prepare a technical report on the Tyee property in compliance with the Canadian Securities National Instrument 43-101 Standards of Disclosure for Mineral Properties (NI 43-101).

This report is in accordance with disclosure and reporting requirements set forth in National Instrument 43-101 – Standards for Disclosure for Mineral Projects (NI 43-101), Companion Policy 43-101CP, and Form 43-101F1. This Technical Report discloses material changes to the Tyee Property, particularly the geological field work done in the fall of 2023.

This report was authored by Alex. W. Knox. The effective date of the report is July 3, 2024 and it is based on technical information available to the author up to this date. Mr. Knox has more than 45 years experience in the field of mineral exploration and is a Qualified Person according to NI 43-101 standards.

The Issuer examined preliminary versions of this report to identify any factual inaccuracies. Any modifications resulting from these reviews were limited to factual corrections and did not involve adjustments to the interpretations and conclusions presented. Consequently, the statements and opinions conveyed in this document are provided in good faith, with the belief that they are accurate and not misleading as of the report's date.

### **2.3 Sources of Information**

This technical report is based on internal company memos and reports, geochemical laboratory results, maps, a review of the Ministry of Natural Resources of Québec (MNRF) assessment files and other public and privately held geological reports. Reference items are listed in Section 27(References) of this report. The various studies and reports have been reviewed, evaluated, collated and integrated into this

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report by the author (Mr. Alex Knox). The author has taken reasonable steps to verify the information provided, where possible.

The author also had discussions with the management and consultants of the Issuer, including:

- Dr.Jacob Verbaas, P.Geo. (BC), Ph.D., CEO, Blackbird Critical Metals Corp., regarding the geology and tenure of the Property and reasonable prospects for eventual economic extraction.
- Mr. Ryan Versloot, P.Geo, Consulting Geologist of Axiom Exploration Group, regarding historical sampling, and assaying and who guided the field visit by the author.

## **2.4 Qualified Person**

This report was entirely prepared by Alex W. Knox. The author is a Qualified Person with relevant experience, education, and professional standing for this report. A statement of certification is shown in Appendix B.

## **2.5 Qualified Person Property Inspection**

The author visited the Tyee Titanium-Vanadium Project property on June 19, 2024. For this visit the author was supported by Mr. Ryan Versloot. The author considers this site visit current under Section 6.2 of NI 43-101.

## **3 Reliance on Other Experts**

This report has been prepared for Blackbird by Alex Knox, M.Sc., P.Geol. The information, conclusions, opinions, and estimates contained herein are based on assumptions, conditions, and qualifications as set forth in this report.

For this report the Author has relied upon registered title information and historical data available from the Quebec Ministère des ressources naturelles et des forêts (MERN) geomining information system known as SIGÉOM (Système d'information géominière) and gestion des titres miniers (GESTIM) website. This information was last accessed on February 22<sup>nd</sup>, 2024. While the title documents were reviewed for this report, it does not constitute, nor is it intended to represent a legal, or any other opinion as to title.

The information, conclusions, and recommendations in this report are consistent with the data and information available at the time of preparation and the assumptions, conditions, and qualifications set forth in this report.

The Author has no reason to believe that the information used in the preparation of this report is false or purposefully misleading and prepared this report based on the data referenced in section 8 & 9 of this report.

As of the date of this report, the Author is not aware of any material fact or material change with respect to the subject matter of this report, in its entirety, that is not presented herein or which the omission to disclose could make this report misleading.

## **4 Property Description and Location**

### **4.1 Area of Property**

Blackbird's Tyee Iron-Titanium-Vanadium Project comprises 1166 crown mineral titles for a surface area of 62550.75 hectares (~625.5 km<sup>2</sup>). The list of titles is detailed in Appendix A of this report.

All information relative to the mining claim titles of the Tyee Iron-Titanium-Vanadium Project was obtained from the Québec Government department of natural resources website:

[https://gestim.mines.gouv.qc.ca/MRN\\_GestimP\\_Presentation/ODM02101\\_login.aspx](https://gestim.mines.gouv.qc.ca/MRN_GestimP_Presentation/ODM02101_login.aspx)

The list of claims presented on this site shows that the owner is Gama Explorations Inc., which is the former name of Blackbird Critical Metals Corp. and that the claims are in good standing until 2025 (Appendix A).

### **4.2 Location**

The Tyee Iron-Titanium-Vanadium Project claim block is located in Québec's Minganie Region, 140 kilometres north-northeast of the town of Havre-Saint-Pierre, Québec. It is approximately 255 kilometres northeast of Sept-Îles, Québec.

The total area of the claims is 62550.75 hectares. The Rio Tinto Fer et Titane Inc. (Rio Tinto) Lac Tio mine\*\* is in operation approximately 105 kilometres to the south. The road-accessible Romaine-4 generating station of La Romaine Hydroelectric Complex is approximately 15 kilometres south-southwest of the Property.

The claims are located in NTS map sheet 012M at approximately 51°31.50'N Latitude, 63°20.00'W Longitude; perimeter UTM NAD 83 coordinates (Zone 20) are approximately, on the west 460600 mE, and on the east 499925 mE, on the north 5714490 mN and on the south 56777610 mN (Figures 1 and 2).

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\*Referenced nearby projects, deposits and mines provide geologic context for the Tyee property, but are not necessarily indicative that it hosts similar potential, size or grades of mineralization.

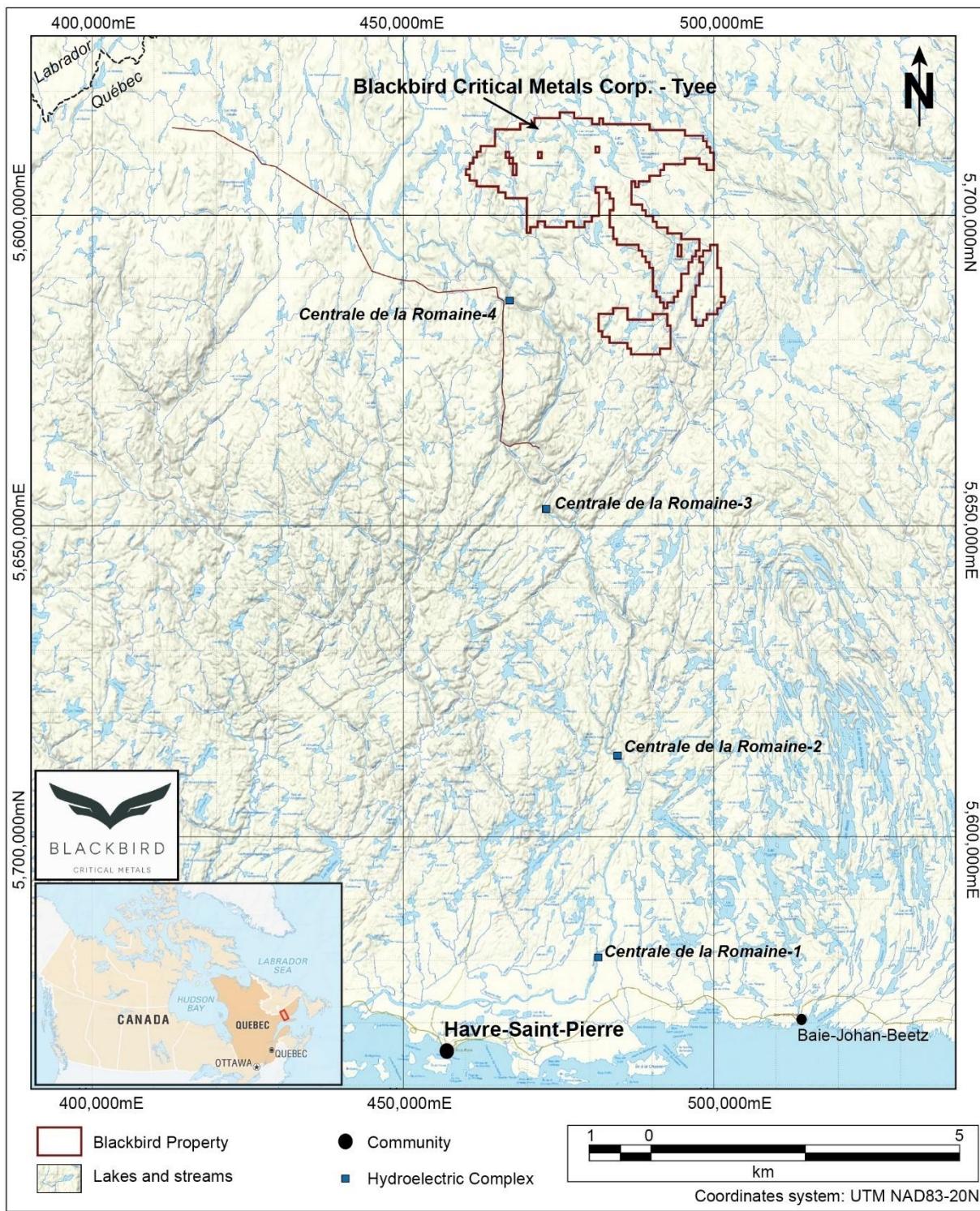


Figure 1. Tyee property location in Côte-Nord, Québec.

#### **4.3 Type of Mining Titles**

The Tyee Property comprises a total of 1166 map-designated cell claims. These claims are separated into three contiguous blocks: Tyee Main (979 claims), Tyee South (111 claims), and Tyee Southwest (76 claims). Expiration dates for the cell claims on the Property range from March 10, 2025, to October 16, 2025. The three blocks are separated by a gap of approximately 580 m to the east and approximately 927 m to the south of Tyee Main (Figure 2), where claims are held by other parties. All claims attributed to the Tyee Property are held 100% by Blackbird Critical Metals Corp.

Two groups of adjacent isolated cells belonging to Marster Metals Inc. (CDC-2675575 to -3675578; total area of 214.4 ha) and privately held (CDC-2676380 to -2676381; total area of 107.45 ha) are enveloped within the Tyee Main property and are due for renewal by the 4<sup>th</sup> and 5<sup>th</sup> of October 2025, respectively. Two additional isolated cells, CDC-2668683 (area 53.6 ha) and CDC-2666355 (area 53.6 ha), belonging to Marster Metals Inc. are also enveloped by the Tyee Main block, in the approximate centre of Blackbird's claims; these cells are to be renewed by the 21<sup>st</sup> and 17<sup>th</sup> of September 2025, respectively.

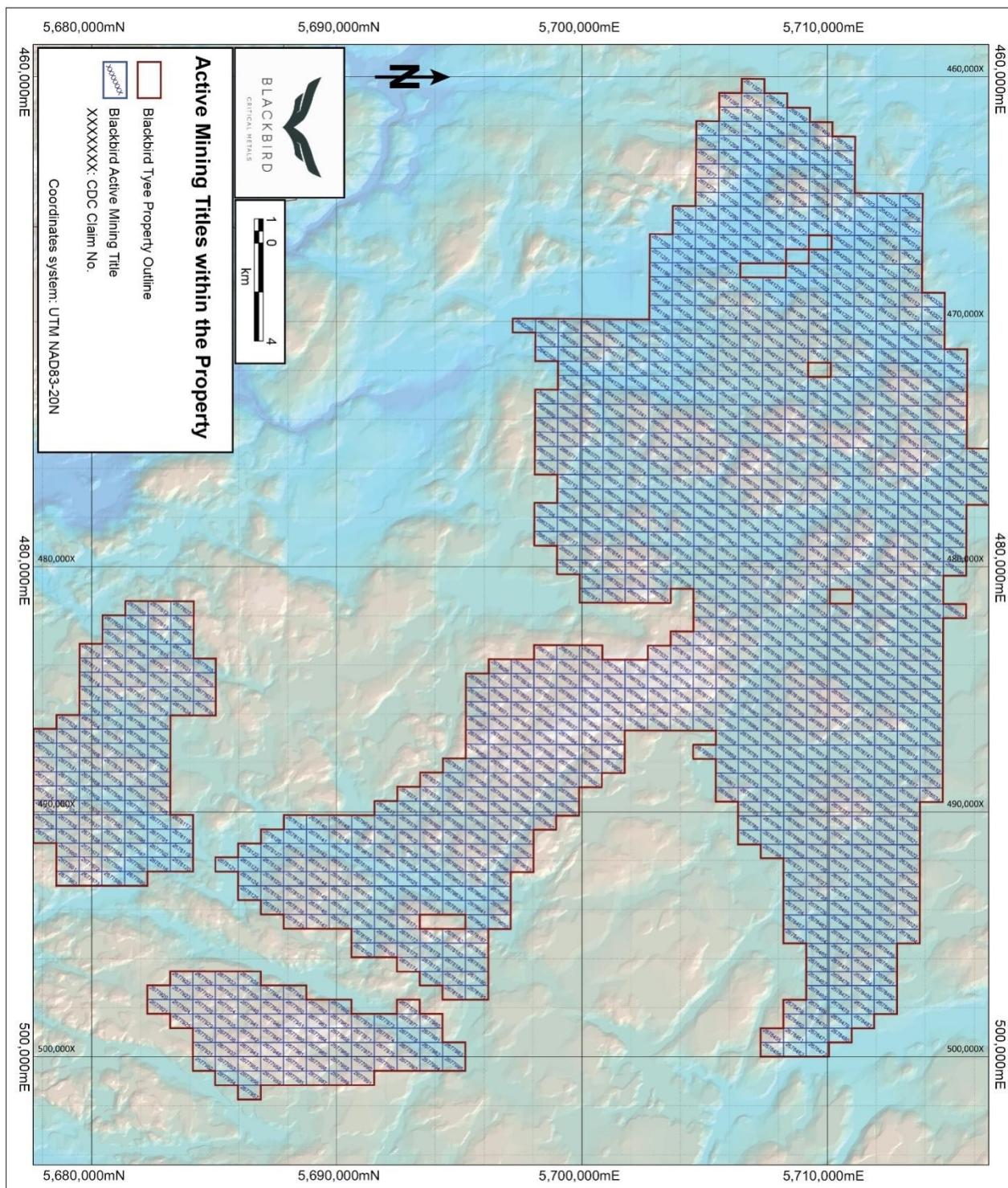


Figure 2. Map of active mining titles within the Tyee Property in 2024, showing claim numbers.

requirements is presented in Appendix A.

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The Tyee Properties are made of map designated cells, the validity of which cannot be challenged by a third party, and are irrevocable by law, as long as the renewal obligations are fulfilled by the owner. All the claims (Figure 2) are in good standing with assessment work requirements being kept up to date.

All claims are currently recorded 100% interest under:

Gama Explorations Inc.  
#2133–1177 West Hastings St.  
Vancouver, BC  
V6E 3T4  
(GESTIM Client # 102236).

#### **4.4 Agreements and Encumbrances**

Within Québec, claims are valid until their renewal anniversary. Table 1 provides the anniversary dates and required. Renewal fees are \$1200 two-year period. Exploration titles in Québec are required to be renewed every two years, sixty days prior to their anniversary or up to their anniversary with a penalty. Renewal also requires filing of assessment credits accumulated from exploration expenditures. There are currently ample credits to renew the Tyee claim blocks. Additional exploration work will have to be carried out at Tyee in 2024 or early 2025 to allow for the renewal of all claims, however, the Company could choose to let certain less prospective areas of the claims lapse. There are no encumbrances on the Tyee Property.

#### **4.5 Environmental Liabilities**

The QP responsible for this Technical Report is not aware of any significant factors and risks that may affect access, title, or the right or ability to perform exploration work on the property. There are no known environmental liabilities on the claims held by Blackbird Critical Metals Corp.

#### **4.6 Permitting and Authorization**

Since the entire property is sitting on Crown Land, Blackbird has unrestricted surface access rights. Mineral exploration is currently permitted on all claims without restriction. There are no mineral resources on the Tyee Property according to the 2010 CIM Definition Standards. There are no existing mines workings, tailing ponds, waste deposits and important natural features and improvements relative to the outside property boundaries.

### **5 Accessibility, Climate, Local Resources, Infrastructure and Physiography**

#### **5.1 Topography, Climate, Altitude, and Vegetation**

The topography of the Tyee Iron-Titanium-Vanadium Project consists of rugged hills and valleys typical of the glaciated Pre-Cambrian Canadian Shield found along Québec's North Shore. The terrain consists of rounded hills of rock outcrops with steep valleys and many lakes and marshes, which can be a very difficult area to work. The coniferous boreal forest is mostly black spruce and balsam fir. Lac Kak in the

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east-central part of the Property is 575metres above sea level and the hills in the western part of the claims reach 757 metres.

The climate is sub-arctic, characterized by -22.8° Celsius winter temperatures and average daily temperature of +15.1° Celsius in summer. The cold winter working conditions are difficult. Annual precipitation averages 1077 millimetres. The general exploration season is from mid May until mid November. Drilling, with proper support, could be carried out year around. Production operations, such as the nearby Rio Tinto Lac Tio mine\*, operate year around.

## **5.2 Property Access**

The claims are accessible from Havre-Saint-Pierre, Québec, by float plane or helicopter. Winter access is by float plane on skis or by helicopter. Water is plentiful on the property and there is always a nearby lake, river, stream or pond from which to satisfy all the exploration requirements including drilling.

## **5.3 Regional Infrastructure**

The closest town is Havre-Saint-Pierre (population 3,460; ca. 2016), which is 140 kilometres south of the claims. The town is located on Provincial Highway 138 and is serviced by an airport and afloat plane base. Sept-Îles (population 28,534; ca. 2016), which is 225 kilometres west of Havre-Saint-Pierre along highway 138, has an airport with scheduled flights connecting to the larger centres of Montreal and Québec City,

The entire North Shore area of Québec, which includes Havre-Saint-Pierre and Sept-Îles, is a significant centre of mineral exploration and production. Exploration and mining personnel, services and supplies are readily available. There is a year-around deep-water seaport at Havre-Saint-Pierre, the claims are approximately 80 kilometres north of the Rio Tinto Lac Tio iron-titanium mine\*, which is serviced by rail.

Hydro-Québec, the province's hydroelectric power company, has a four-dam hydroelectric power project on the Romaine River, southwest of the Tyee Iron-Titanium-Vanadium Project. Roads associated with dam Romaine-4 come to within 15kilometres southwest of the claims.

# **6 History**

## **6.1 Historical Property Ownership**

The first staking on the property was done in 2022 by Tyee Nickel Corp. Later that year, Blackbird Critical Metals Corp. obtained 100% interest in the Tyee property by acquiring Tyee Nickel Corp.

In early 2023, Blackbird acquired more mineral claims connected to their holdings by cash and share asset purchases, consolidating the existing Property at the time of writing this report.

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\*Referenced nearby projects, deposits and mines provide geologic context for the Tyee property but are not necessarily indicative that it hosts similar potential, size or grades of mineralization.

## **6.2 Historical Exploration by Québec Department of Natural Resources (MERN)**

During a six-year period between 1965 through to 1970, a geological reconnaissance program was undertaken by was initiated by the Department of Natural Resources Québec (Ministère des Ressources Naturelles) Geological Exploration Service in the Grenville Province. The “Grenville Project” program was completed at a scale of 1:250 000 and included a territory of 220,000km<sup>2</sup> between Chibougamau and Natashquan.

The 1970 investigation of the Magpie, Saint-Jean, and Romaine Rivers area noted the potential for discovery of deposits of oxides of iron and titanium (Sharma and Franconi, 1975). In addition to the iron and titanium oxide occurrences, the report notes pyrite-chalcopyrite and uranium occurrences associated with rocks other than the anorthosite suite, especially in the eastern part of the map-area. In addition to regional (1:250 000) mapping, the 1970 survey collected stream sediment samples across the region, several of which were obtained on what is now the Tyee Property. These stream sediment samples were analysed for numerous elements including Cu, Zn, Pb, Ni, Co, Mn, Ag, Mo and U in the Department's laboratories.

In the summer of 1988, geochemical sampling of lake sediments in the Havre-Saint-Pierre region was carried out by Sial Compagnie Internationale de Géophysiques Inc., on behalf of the Government of Québec (Ministère de l'Énergie et des Ressources Service de la géochimie et de la géophysique). Sampling consisted of approximately 5,500 sites, between latitude 53°00' and the St. Lawrence River and longitudes 66°00'and 60°30', was carried out by helicopter and using a probe-type sampler (Beaumier, 1989). In general, only lakes with a width greater than 1km were sampled.

This work found that several areas in the Havre-Saint-Pierre region have lake sediments with anomalous contents of gold, zinc, copper, chromium, beryllium, and rare earths (Beaumier, 1989).

## **7 Geological Setting and Mineralization**

### **7.1 Regional Geology**

The rocks of the Tyee Area are of Precambrian age and comprise a series of metamorphic and igneous rocks that belong to the Grenville Geological Province (Figure3). In southern Québec, the Grenville Province crust is composed of magmatic arcs that accreted to the Laurentian margin prior to the Grenville orogeny that was produced from continent-continent collision from 1.09-0.98 Ga (Gower et al., 2008).

The Grenville Province comprises Archean and Paleoproterozoic sedimentary sequences that formed on the margin of Laurentia and were intruded by a series of Proterozoic anorthosite-mangerite-charnockite-granite (AMCG) intrusive suites (Figure 3). The Proterozoic AMCG suites of the Grenville Province contain the world's largest concentration of anorthosite massifs.

While anorthosite is characteristic of AMCG suites, the other rocks typically seen in these suites (i.e., mangerite (orthopyroxene monzonite), charnockite (orthopyroxene granite), biotite-hornblende granite and rapakivi granite) are not always present in the Grenville Province. The AMCG intrusive suites are a characteristic feature of the Middle Proterozoic (crystallization ages range from 2.1-0.9 Ga) and are

located in the North American, European, Asian (China and India) and African continents (Morisset, 2008).

The majority of younger Grenvillian massifs were emplaced during the main deformation events from 1200 to 980 Ma related to the accretionary tectonics that formed the Grenville Province (Rivers, 1997; Rivers et al., 2002). These includes the very large Havre-Saint-Pierre anorthosite suite, located in the northeastern part of the Grenville Province (Figure 3).

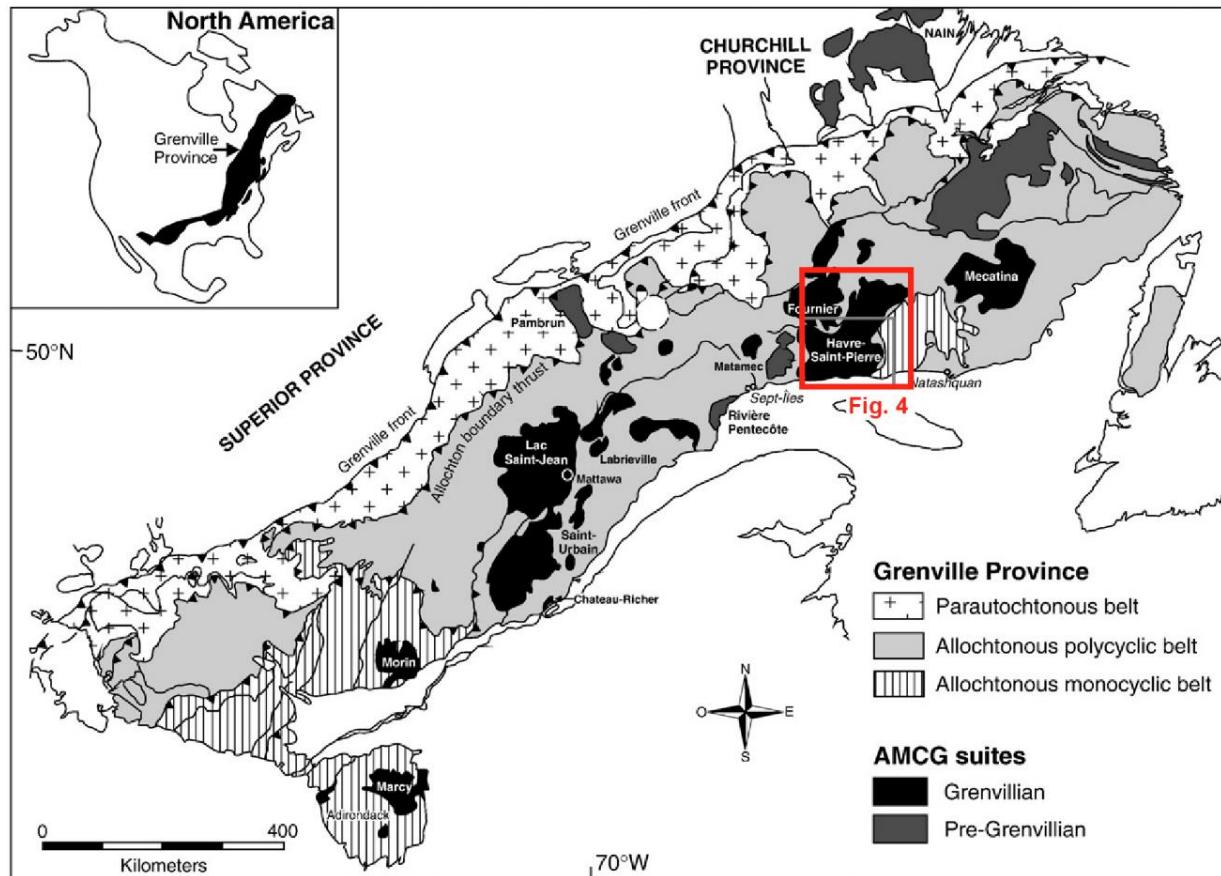


Figure 3. Simplified geological map of the Grenville Province (after Charlier et al., 2010)

The Havre-Saint-Pierre AMCG suite is part of the allochthonous belt of the Grenville Province (Rivers et al., 1989) and consists of at least seven lobes separated by structural zones and monzonitic, mangeritic to charnockitic envelopes (Perrault, 2003; Figure 4). The seven massifs include: the Lac Allard, the Rivière Magpie-Ouest, the Nord-Ouest, the Sheldrake, the Brézel, the Rivière-au-Tonnerre, and the Rivière Romaine massifs (Gobeil et al., 2003; Figure 4). The latter Rivière Romaine massif (RRm, Figure 4) is the most predominant bedrock mapped on the Tyee Property. Much of the Fe-Ti mineralization discovered to date are associated with the lac Allard, the Rivière-au-Tonnerre and the Rivière Romaine massifs.

A wide range of geologic ages have been determined from the HSP suite using U–Pb geochronology. As summarized by Morisset et al. (2009):

*A single sample from the North-West lobe yields three different U–Pb ages (Wodicka et al., 2003): (1) an older age of ca. 1139 Ma (U–Pb zircon, one fraction) is interpreted to represent inherited zircon; (2) an intermediate age of  $1129 \pm 3$  Ma (U–Pb interstitial zircon) is interpreted as the crystallization age; and (3) a younger age of  $1082 \pm 16$  Ma (U–Pb metamorphic zircon) is consistent with other metamorphic dates in the region. Wodicka et al. (2003) and Gobeil et al. (2003), integrating recent mapping (Perreault, 2003) and geochronological results, proposed that the younger Rivièreau-Tonnerre intrusion ( $1062 \pm 4$  Ma: U–Pb zircon; van Breemen and Higgins, 1993) is distinct from the South-West (Lac Brézel) lobe. Finally, an age of  $1126 +7/-6$  Ma (U–Pb zircon; Emslie and Hunt, 1990) was determined for the mangeritic envelope of the Lac Allard lobe, which was interpreted as the crystallization age of this part of the anorthosite suite.*

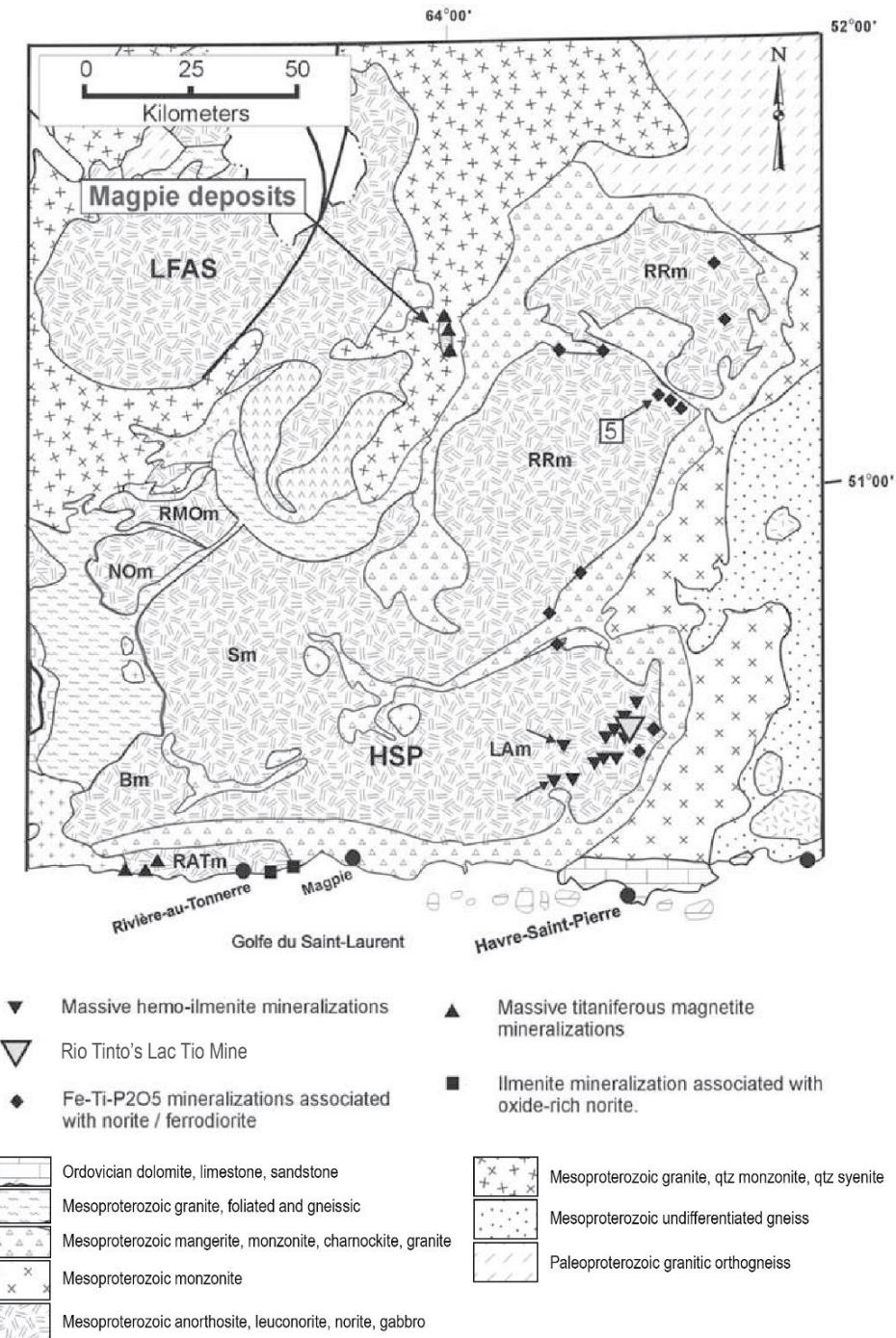


Figure 4. Simplified geological map of the Havre-Saint-Pierre anorthosite suite (HSP), major Fe-Ti showings shown (modified after Perrault, 2003). LAS, lac Fournier anorthosite suite; LAm, lac Allard massif; NQm, Nord-Quest massif; RATm, Rivière-au-Tonnerre massif; RRm, Rivière Romaine massif; Sm, Sheldrake massif; RMOm, Rivière Magpie-Quest massif; Bm, Brézel massif.

## **7.2 Local Geology**

### **7.2.1 Gneiss Complex**

The least extensively mapped units in the HSP suite area include distinct gneissic lithological units: grey gneiss, banded gneiss, granitic gneiss and charnockitic gneiss. These units typically are migmatized to varying degrees and thus are regionally mapped as such. In the northeastern part of the HSP suite, grey gneisses and migmatites are found occupying areas between intrusive bodies of granite, syenite, mangerite and anorthosite (Sharma and Franconi, 1975).

The grey gneiss is a light to dark grey, homogeneous to heterogeneous, medium grained, well foliated rock containing quartz and feldspar as the main leucocratic minerals and biotite-hornblende as the main mafic minerals. When K-feldspar content increases more than 65% of the total feldspar content, the rock is termed a granitic gneiss; which is encountered either as distinct mappable units or as small bands within the grey gneiss.

### **7.2.2 Anorthosite**

Typically, anorthosites of the Romaine River massif within the Tyee property are massive and medium- to coarse-grained. The anorthosite is composed of ≥90% plagioclase. Mafic minerals are mostly clinopyroxene, orthopyroxene, hornblende and biotite. The HSP suite does contain lesser occurrences of gabbroic anorthosite (11 to 20% mafic minerals), anorthositic gabbro (21 to 35% mafic), and rare gabbro (>35% mafic minerals). Ilmenite and magnetite occur either as disseminations in the anorthosite or as segregations (bands, patches or masses).

In fresh exposure, the anorthosite at Tyee varies in color from pale grey to blue-grey to greenish white when containing more than 5 percent ferromagnesian minerals. Blue-grey and purple anorthosite is mainly found near the central parts of the massif. The purple anorthosite was mostly observed near Charpeney lake, 50 km SW of the Tyee Property. In weathered outcrops on the Property, the anorthosite is usually dark grey to chalky white. The equigranular varieties of anorthosite have grain sizes that range from 3 to 6 mm and contain sporadic coarse plagioclase phenocrysts from 2 to 35 cm long.

A petrographic study of anorthosite in the southern part of the Havre-Saint Pierre suite noted that, in thin section, the texture of the anorthosite varies from hypidiomorphic to allotriomorphic and the plagioclase grains (An40-52) range from 3 to 12mm (Hargraves, 1962; Bergeron, 1986). Labradorite (An50-55) has also been observed throughout the HSP suite (Claveau, 1949). Hargraves (1962) noted, in several locations, zones of anorthosite with coarse pyroxene crystals, or clots of crystals of greenish ferrous enstatite.

In general, the anorthosite of the Romaine River massif is almost entirely enveloped by mangerite-jotunite rocks and, because of the lack of mafic minerals, it is difficult to decipher the foliation throughout this unit. At border phases of the anorthosite, where enough mafic content exists (i.e., it becomes gabbroic anorthosite to anorthositic gabbro) a good foliation can be observed. Various cataclastic and deformation textures have been recorded near the contacts with enveloping mangerite (Sharma and Franconi, 1975).

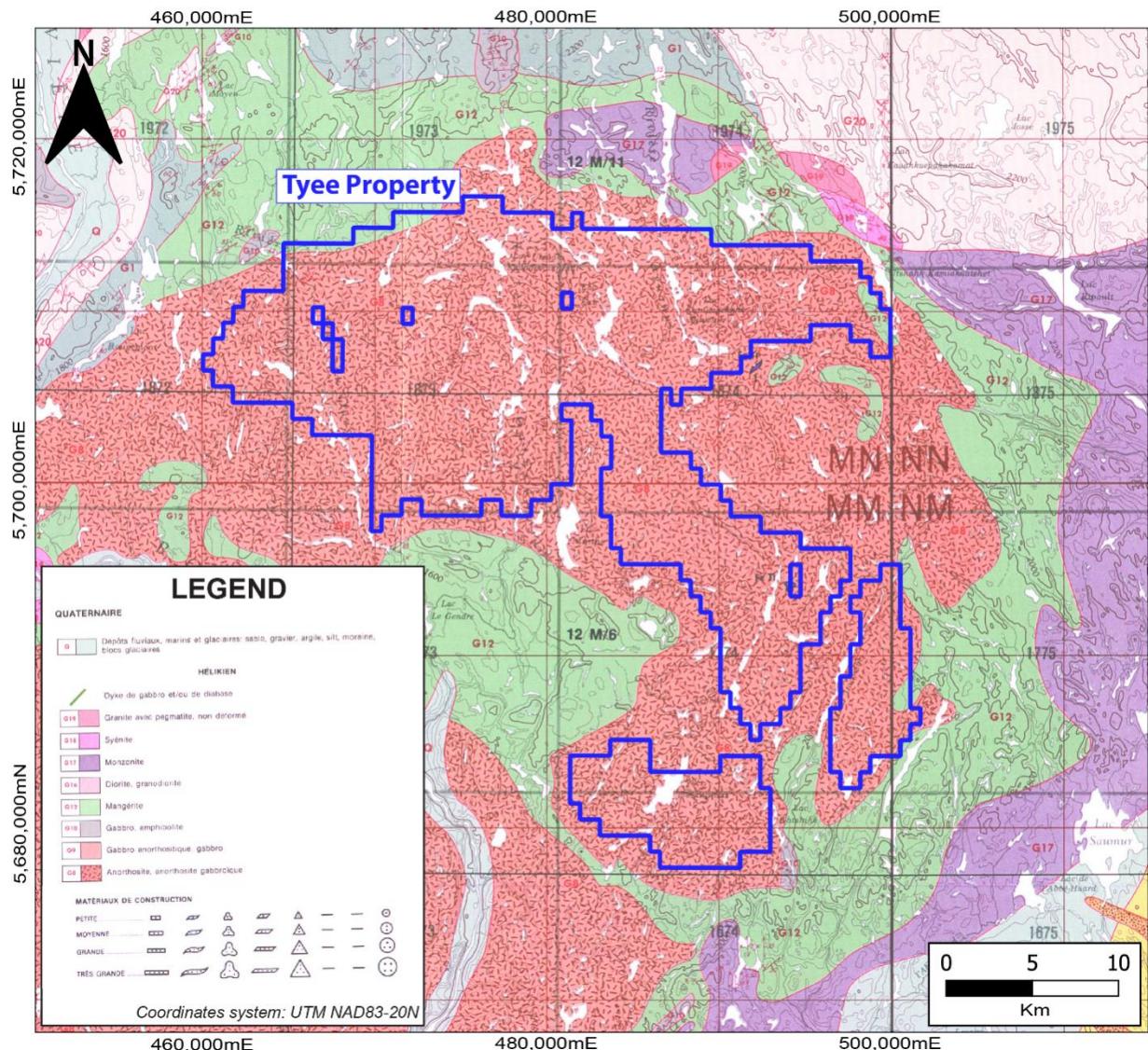


Figure 5. Geological map of the Tyee property area, after a compilation by Avramtchev (1983). Property boundary is shown by the blue line. Note the Tyee property is predominantly mapped as anorthosite.

### 7.2.3 Mangerite and Jotunite

A thin zone of mangerite, with lesser jotunite, charnockite and hypersthene syenite and related rocks almost completely envelopes the Romaine River anorthosite massif (Sharma and Franconi, 1975). Jotunite, charnockite and hypersthene syenite occur only locally as a result of variations in the relative percentages of plagioclase, K-feldspar, and mafic content of the rock. The mangerite is a coarse grained, inequigranular, porphyritic green rock. Mangerite outcrops typically weather white to brownish in color. The trend of the mangerite can be picked up from the aeromagnetic maps as it has a higher response

than the anorthosite. The phenocrysts in the rock are mostly of K-feldspar and locally there is rapakivi texture (i.e., a core of K-feldspar rimmed by plagioclase).

The mangerite rock's mafic content varies from 5 to 25%, the overall feldspar constitutes more than 70% and quartz may be present or absent. Predominantly, the mafic minerals are pyroxene and amphibole with traces of biotite; magnetite and ilmenite present.

The mangerite rocks have undergone varying degrees of cataclastic deformation, with augen-shaped phenocrysts along foliation, and mafic minerals arranged into dark streaks.

Within the Romaine River anorthosite massif, mangerite may include jotunite, characterized by its dioritic composition, equigranular medium- to coarse-grained texture, and a darker green hue compared to mangerite. The jotunite contains plagioclase ( $An_{41-44}$ ), orthopyroxene, apatite, ilmenite, and magnetite. It is usually found near the contact between anorthosite and the enveloping mangerite, or as small lenses within the main body of anorthosite. These latter contain a high percentage of magnetite and ilmenite; locally, modal proportions of apatite and oxides reach 10 and 20%, respectively.

#### **7.2.4 Ilmenite-Rich Rocks**

The ilmenite rich rocks within anorthosite are medium-grained and slightly foliated or gneissic. This unit typically accompanies anorthosite that is composed of plagioclase, pyroxene, apatite, and ferromagnesian oxides. The mafic component of this rock-type rarely is greater than 50 volume %. Sulfides are present as accessory minerals and are dominantly pyrite with minor pyrrhotite. Secondary biotite is less common but occasionally present. Locally, oxide modal proportions reach 20-30 % of the rock.

### **7.3 Geology of the Mineralized Showings**

#### **7.3.1 Fe-Ti-V Showings**

Several Fe-Ti-V showings have been discovered on the property, both historically and in the 2023 field program. These showings are typically expressed as semi-massive oxide accumulations with variable amounts of ilmenite: magnetite and <5% intercumulate to disseminated sulfides (pyrrhotite, pyrite, chalcopyrite). The Fe-Ti oxide cumulates typically crop out as lenticular to irregular horizons within layered anorthosite. (e.g., Figure 6).

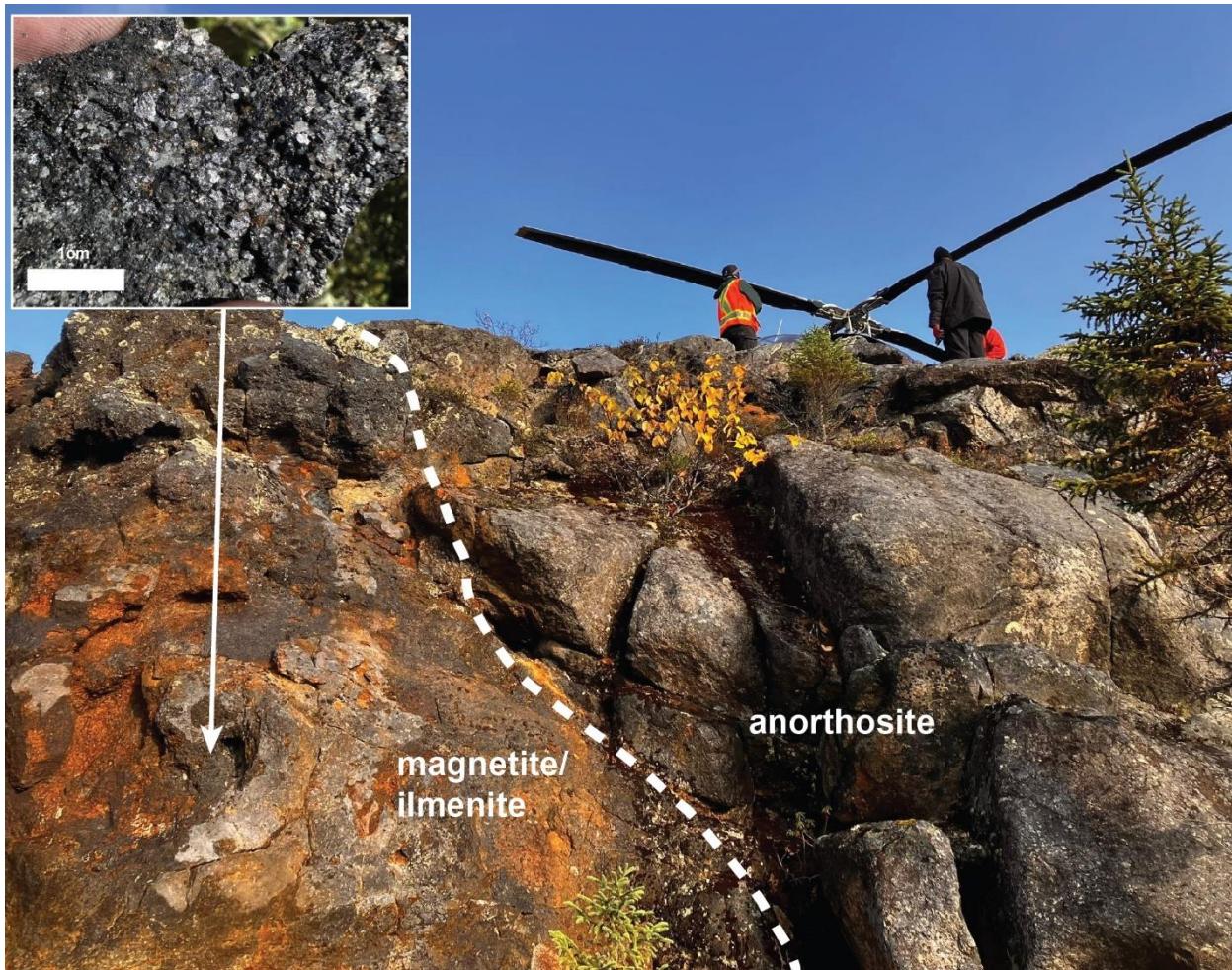


Figure 6. Outcrop of anorthosite with lens of semi-massive oxides (magnetite and ilmenite)

The 2023 field program identified numerous massive oxide occurrences, the general areas of which were highlighted by geophysical anomalies (as depicted and named in a Blackbird January 9<sup>th</sup>, 2024, news release; Figure 7).

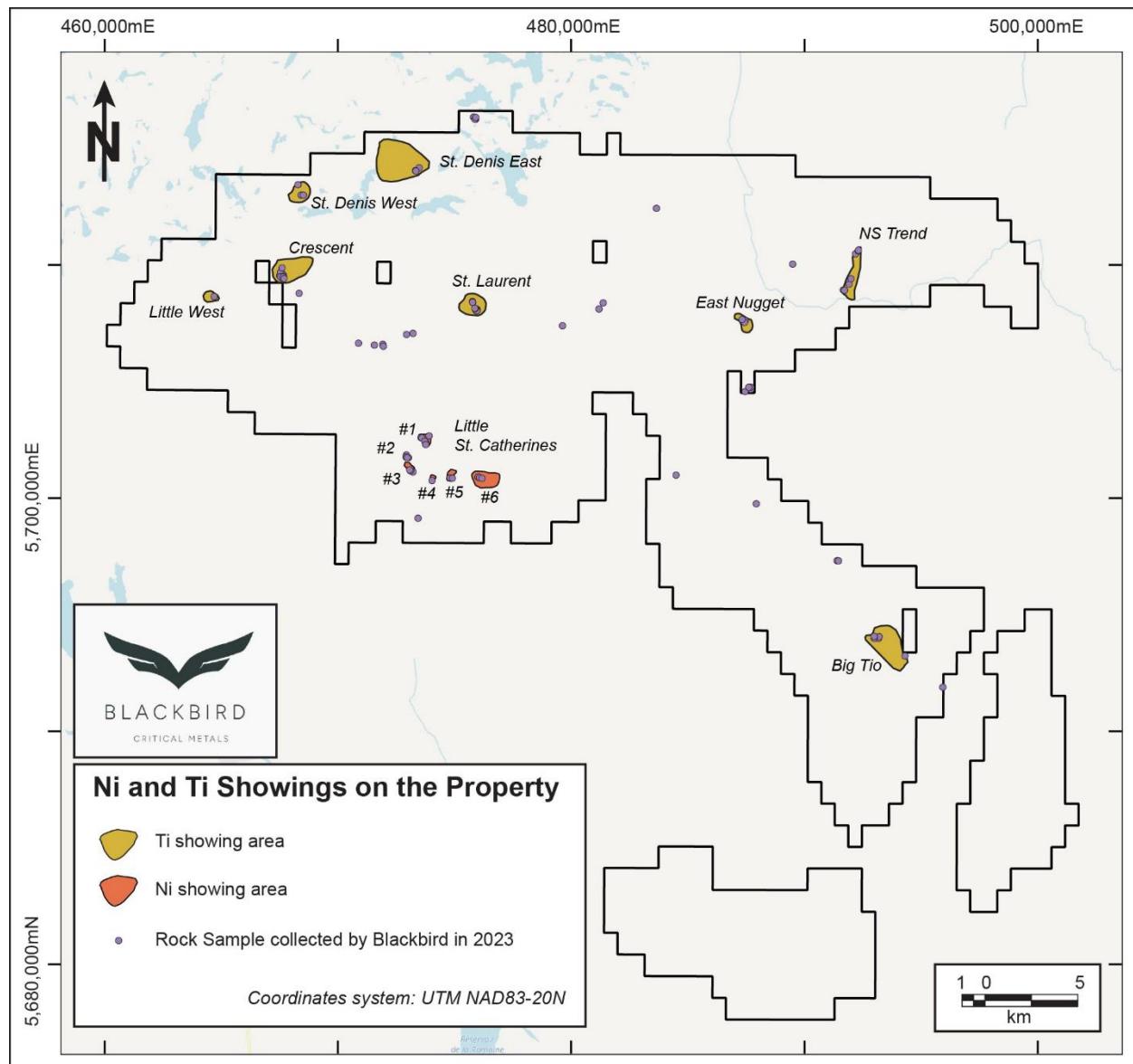


Figure 7. Ti and Ni-Cu occurrences/showings on the Tyee property, identified by Blackbird during the 2023 field season.

Where exposed, host rock to the massive lenses locally is orthopyroxene-bearing monzonite (mangerite/charnockite). The distinguishing feature between the mangerite/charnockite and anorthositic units is the presence of orthopyroxene and phlogopite in the former and the high plagioclase percentage in the latter. The ratio of oxides (i.e., ilmenite: magnetite) varies throughout each of the showings discovered in the 2023 program, however massive ilmenite is most predominant at the Big TiO and NS Trend showings (Figure 7).

### 7.3.2 Nickel-Copper Showings

Although there are several occurrences of Cu-Ni bearing sulfide minerals on the Tyee property, only a few sample locations show these sulfides being associated with larger sulfide segregations. Collectively these occurrences are named the Little St. Catherines showing in the Blackbird January 9<sup>th</sup>, 2024, news release (Figure 7).

These showings show greater than 5-10% sulfide minerals, contain pyrrhotite, pentlandite, chalcopyrite and magnetite. Most sulfide-rich occurrences on the Tyee property also contain magnetite, with semi-massive to massive textures.

Sulfides appear to have crystallized interstitially to the magnetite crystals with sharp wetting angles (Figure 8A).

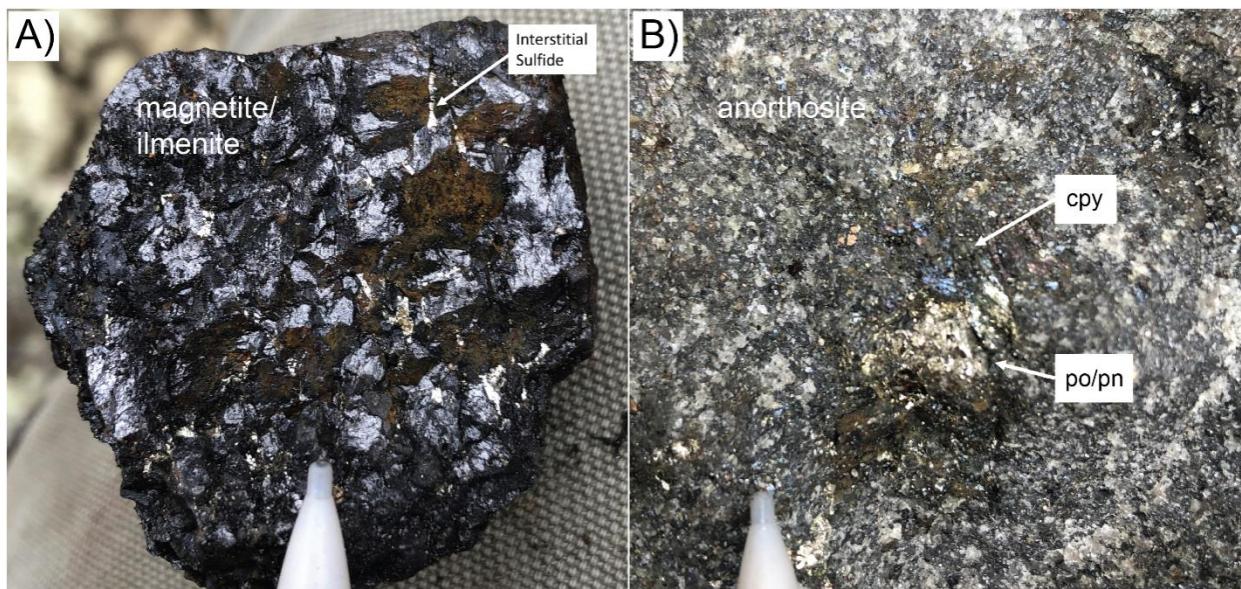


Figure 8. Examples of Ni-Cu enriched samples with interstitial sulfides, locally with ISS/MSS segregation (chalcopyrite, cpy, and pyrrhotite-pentlandite, po/pn).

The fine dissemination of sulphide minerals and acute wetting angles of the sulfide to oxide crystals (e.g., Figure 8A) suggest a rapid cooling rate or filter-press behaviour of the sulfide liquid (i.e., pressure greater than gravitational filtering causing migration of sulfide liquid through oxide cumulate). Sulfide fractionation was observed at a small scale in patches of sulfide where both the Cu-rich (chalcopyrite) and Cu-poor (pyrrhotite-pentlandite) sulfides occur (Figure 8B), suggesting either quick cooling or entrapment of the sulfide liquid at this location. Slower cooling should allow aggregation of these patches to form massive sulfide.

## 8 Deposit Types

### 8.1 Mineralization Styles

#### 8.1.1 Fe-Ti-V Mineralization

According to Gross (1996), orthomagmatic Fe-Ti-V deposits are classified as: (i) ilmenite type, where ilmenite is the predominant oxide that occurs with anorthosite complexes, and (ii) titanomagnetite type, in which the predominant oxide is titanomagnetite related to stratified gabbro anorthosite complexes. The titanomagnetite style deposits are typically higher in tonnage and have a lower Ti grade, most often sub-economic. In Québec's Grenville Province, the predominance of anorthosite complexes (non-gabbroic) suggests the first deposit classification above is the style most often found in the region of the Tyee Property. Perrault and Hébert (2003) note four distinct styles of Ilmenite-type Fe-Ti-V mineralization:

- 1) Fe-Ti oxides formed syn-genetically, disseminated in host anorthosite (e.g., those observed at the west margin of the Havre-Saint-Pierre suite).
- 2) Massive ilmenite that forms as irregular to concordant intrusions into older anorthosite or associated rocks, e.g., the Lac Tio Mine\* (Figure4) where a typical massive ore contains >70% hemo-ilmenite that averages >37 wt.% TiO<sub>2</sub> (Bergeron, 1973)
- 3) Rutile-bearing ilmenitite or oxide-rich norite that forms as irregular to concordant intrusions.
- 4) Remobilized Fe-Ti massive or semi-massive mineralization in shear zones and in late felsic intrusions that cut the anorthosite, e.g., those observed at the margin of the Havre-Saint- Pierre suite.

Recent models suggest that these massive ilmenite deposits originated from the separation of an immiscible iron- and titanium-rich liquid from a jotunitic parent liquid (Force 1991). This immiscible oxide-rich magma then moved into fractures and shear zones in the crystallizing anorthosite to form dykes, sills, and tabular intrusions of massive ilmenite, such as those observed at the Lac Tio Mine (Bergeron 1986, Force 1991). These deposits occur as dykes, sills, or lenses. Most associated norite or jotunite intrusions show an ilmenite enrichment at the base.

The ilmenite-rich body has usually been considered to have formed as an enormous drop of immiscible Fe-Ti-enriched liquid which separated from the residual magma after the crystallization of the andesine anorthosite (cf. Lister, 1966). However, a cumulate origin forth deposits has been suggested based on whole-rock compositions that are controlled by the proportions of ilmenite to plagioclase ± orthopyroxene, (Charlier et al., 2010). Cr concentrations in ilmenite reveal normal and reverse fractionation trends, suggesting multiple episodes of magma emplacement and alternating periods of fractional crystallization and magma mixing. This mixing produced hybrid magmas located in the stability field of ilmenite, resulting in periodic crystallization of ilmenite alone. The unsystematic differentiation trends in the Lac Tio deposit, arising from a succession of magma pulses, hybridization, and the fractionation of hemo-ilmenite alone or together with plagioclase, suggest that the deposit formed within a magma conduit (Charlier et al., 2010). This dynamic emplacement mechanism associated with continuous gravity-driven accumulation of Fe-Ti oxides, and possibly plagioclase buoyancy in a fractionating ferrobasalt, explains the huge concentration of hemo-ilmenite. The ore is composed of a dense, coarse-grained aggregate of hemo-ilmenite.

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\*Referenced nearby projects, deposits and mines provide geologic context for the Tyee property but are not necessarily indicative that it hosts similar potential, size or grades of mineralization.

### **8.1.2 Ni-Cu-(PGE) Mineralization**

The Ni-Cu-(PGE) occurrences are primarily found in rifted continental margin tectonic settings of any age and hosted by dunite, peridotite, norite, and gabbros. Ore-grade material is typically found in footwall embayments, associated veins, or internal disseminations.

The ore forming processes are typically due to partial melting of mantle and/or melting or devolatilization of country rocks. If sufficient sulphur is present in the melt, a sulfide-rich immiscible liquid may form, sulfide minerals form during cooling, followed by gravitational segregation. Key factors in exploring for these occurrences include identifying a large mantle-derived source that provides large amounts of sulfide-oversaturated magma over a short time, a continental margin (or rifted arc) environment of emplacement (provides external source of S), and a high-flow, dynamic environment (e.g., lava channel or magma conduit to facilitate thermo-mechanical erosion and high metal tenors). Sulphide mineralogy comprises: pyrrhotite ( $Fe_{1-x}S$ ), pentlandite  $(Fe,Ni)_9S_8$ , chalcopyrite  $(CuFeS_2)$ , with magnetite  $Fe_3O_4$  and PGEs (in sulfides, sulfarsenides, arsenides, bismuthides, antimonides, tellurides).

## **8.2 Potential analogues**

The referenced nearby projects, deposits and mines in this section provide geologic context for the Tyee property but are not necessarily indicative that it hosts similar potential, size or grades of mineralization.

### **8.2.1 Lac Tio**

The most appropriate analogue to mineralization at the Tyee Property is within the same HSP anorthosite suite; the massive ilmenite dykes and veins that comprise the world-class Lac Tio (or Allard Lake) Mine mined since 1950 by QIT and subsequently Rio Tinto.

The Lac Tio Mine is located 42km north of Havre-Saint-Pierre (Figure4) on the east side of the HSP suite. At Lac Tio, the plagioclase in the anorthosite is andesine and Fe-Ti mineralization is closely associated with jotunite or oxide-rich norite (Bergeron1986; Force 1991).

The Lac Tio hemo-ilmenite ore body was discovered in June 1946 during the first aeromagnetic exploration survey (Bourret, 1949). The ore body is the world's largest known hard-rock ilmenite deposit, with current reserves estimated at ca. 138Mt at grades exceeding 60 wt.% hemo-ilmenite (Charlier et al., 2015). The  $TiO_2$  content of the ore is variable but is mainly between 32 and 38 wt.%  $TiO_2$ , much higher than the analogous Tellnes (Norway) and Damiao (China) deposits.

The main ore body is a funnel-shaped intrusion measuring ~1x1.1 km and 100 to 300m thick. Two smaller bodies are separated from the main deposit by faults and anorthosite. The ore is an ilmenite-rich norite (or ilmenitite) made up of hemo-ilmenite(Hem22.6–29.4, 66.2 wt.% on average), andesine plagioclase ( $An_{45-50}$ ), aluminous spinel and, locally, orthopyroxene. Ilmenite in Lac Tio is significantly richer in hematite and has a more moderate MgO content (2.5–3.0 wt.%) than most other hemo-ilmenite deposits. Accessory minerals included pyrite, and chalcopyrite. Locally, the modal proportion of sulphides reaches 2%.

### **8.2.2 Tellnes**

Although the Tyee property is within the Havre Saint-Pierre igneous complex, host to the Lac Tio ilmenite mine, the character of oxide cumulates at the showings, to date, also resemble those from the Tellnes deposit in Norway. The observed Tyee Fe-Ti showings there have an association with subtle magnetic anomalies and chargeable peaks and are characterized by a combination of magnetite and ilmenite, with accessory sulfides. In addition, the host units to the cumulate Fe-Ti showings are typically orthopyroxene-

bearing monzonite like at the Tyee property, that intrude thick anorthosites; these contacts have been observed to be linear, irregular, and thin m-scale lenses (e.g., Figure 6).

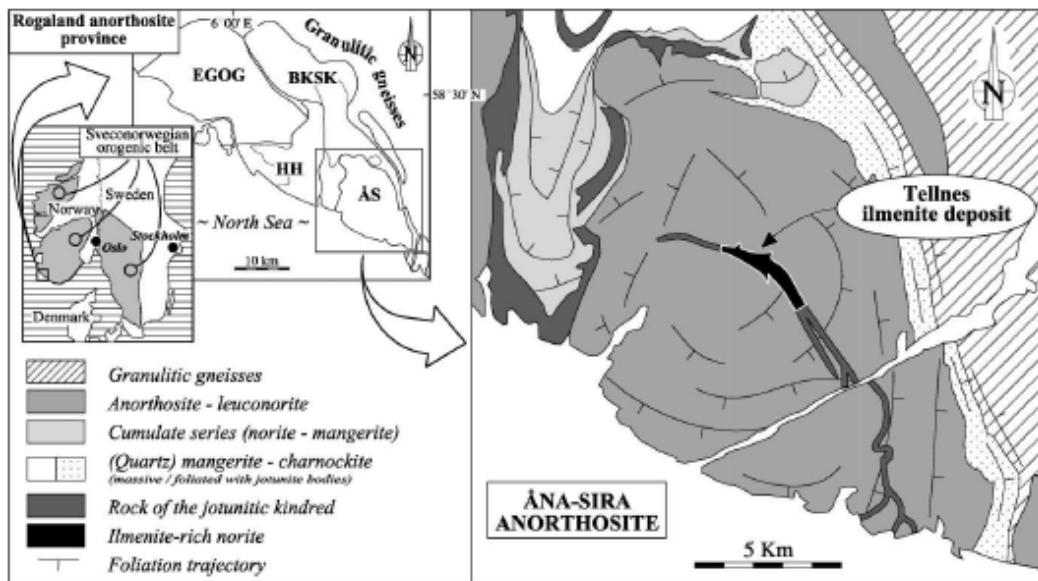


Figure 9. Geological sketch map of the Rogaland anorthosite province, with detailed geology of the Åna-Sira anorthosite and location in the Sveconorwegian orogenic belt (cf. Diot et al. 2003).

The Tellnes ilmenite deposit (Figure 9) is a viable analogue for the Fe-Ti-V mineralization at the Tyee property. Tellnes is a thick ilmenite accumulation along a jotunite (orthopyroxene-bearing monzonite) dyke that crosscuts an anorthosite complex. Notably, the ore-grade oxides transition to the jotunite is at the terminal edges of the deposit (Diot et al., 2003). In contrast, the Lac Tio deposit is characterized by a magnetic low and contains dominantly pure ilmenite.

Tellnes is defined by a subtle magnetic anomaly within the anorthosite and contains variable ratios of magnetite to ilmenite. Importantly, there is a zonation in the deposit, where magnetite occurs near surface and the deeper parts of the deposit contain a greater proportion of ilmenite. Geochemically, the Cr content of ilmenite also vectors towards the parts of the deposit richer in Ti. The oxide distribution at the Tellnes deposit shows extensive post-cumulus re-equilibration with trapped liquid and ferromagnesian silicates, correlated with distance to the host anorthosite.

## 9 Exploration

### 9.1 Exploration Completed by Blackbird Critical Metals Corp.

The 2023 exploration program by Blackbird consisted of an airborne geophysical (magnetic and EM) survey and a surface sampling program. The latter comprising powder collected for XRF analysis coupled with chip samples of bedrock. Mineralized outcrops were located by beep-mat surveys.

## 9.2 Geophysics

SKYTEM Airborne Surveys were contracted by Blackbird between June 1<sup>st</sup> and 14<sup>th</sup> and October 10<sup>th</sup> to 23<sup>rd</sup>, 2023, to conduct a SkyTEM survey over the Tyee Property, comprising 4 blocks with 3564.9 km of planned flight line. The SkyTEM312Fast collects time domain electromagnetic and magnetic data. Flight (traverse) line spacing was 200 m with various flight line directions and a nominal terrain clearance of 50-60 m. Tie lines were flown perpendicular to the traverse lines at 2000 m spacing. The survey outline is presented as red survey lines on Figure 10.

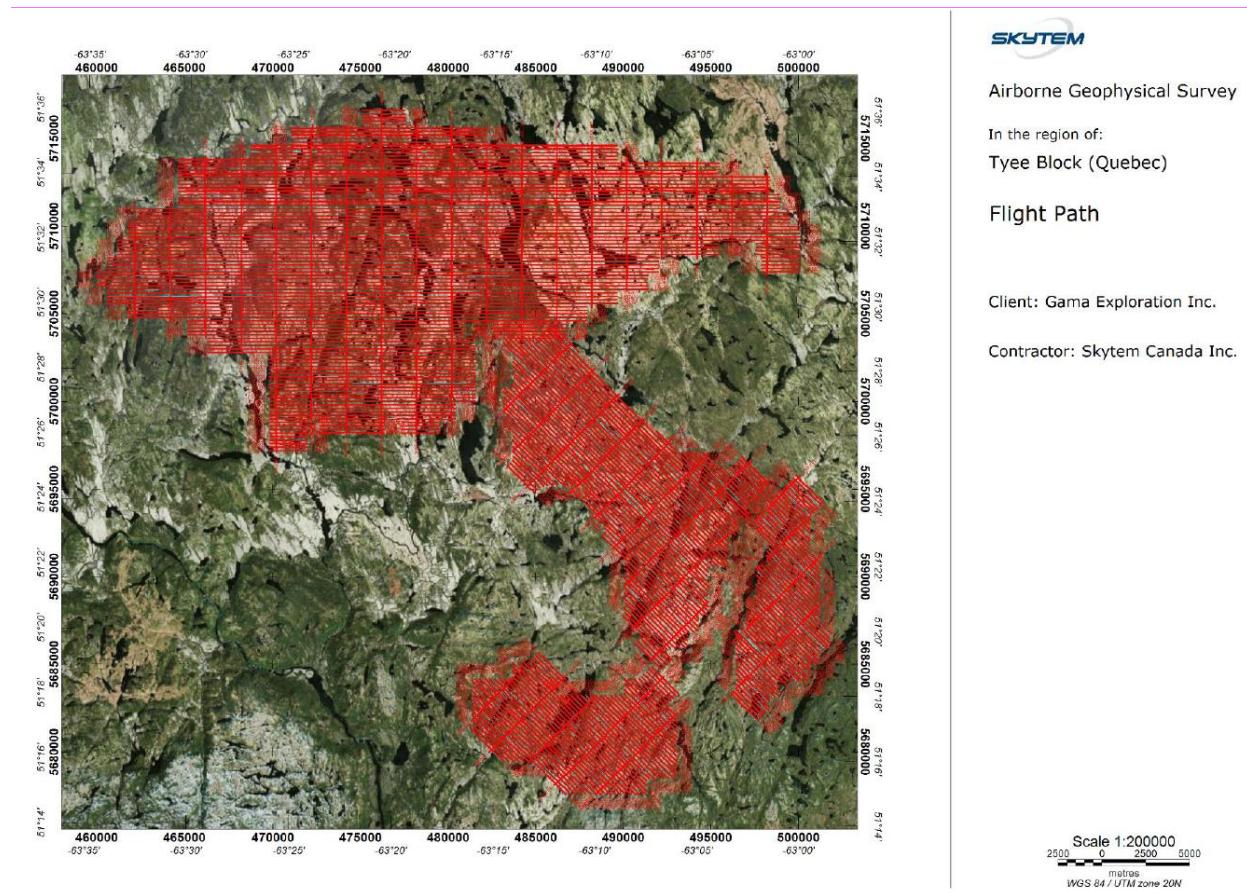


Figure 10. SkyTEM survey flight lines over Tyee Property.

Figure 11 shows residual magnetic field (RMF) data over the property, generated by SkyTEM using corrected airborne magnetic data (diurnal variation, international geomagnetic reference field (IGRF)).

Figure 12 shows high moment Z coil time domain electromagnetic (EM) data that has undergone primary field correction and filtering followed by correction for variation in flying height (corrected to 70m sensor height).

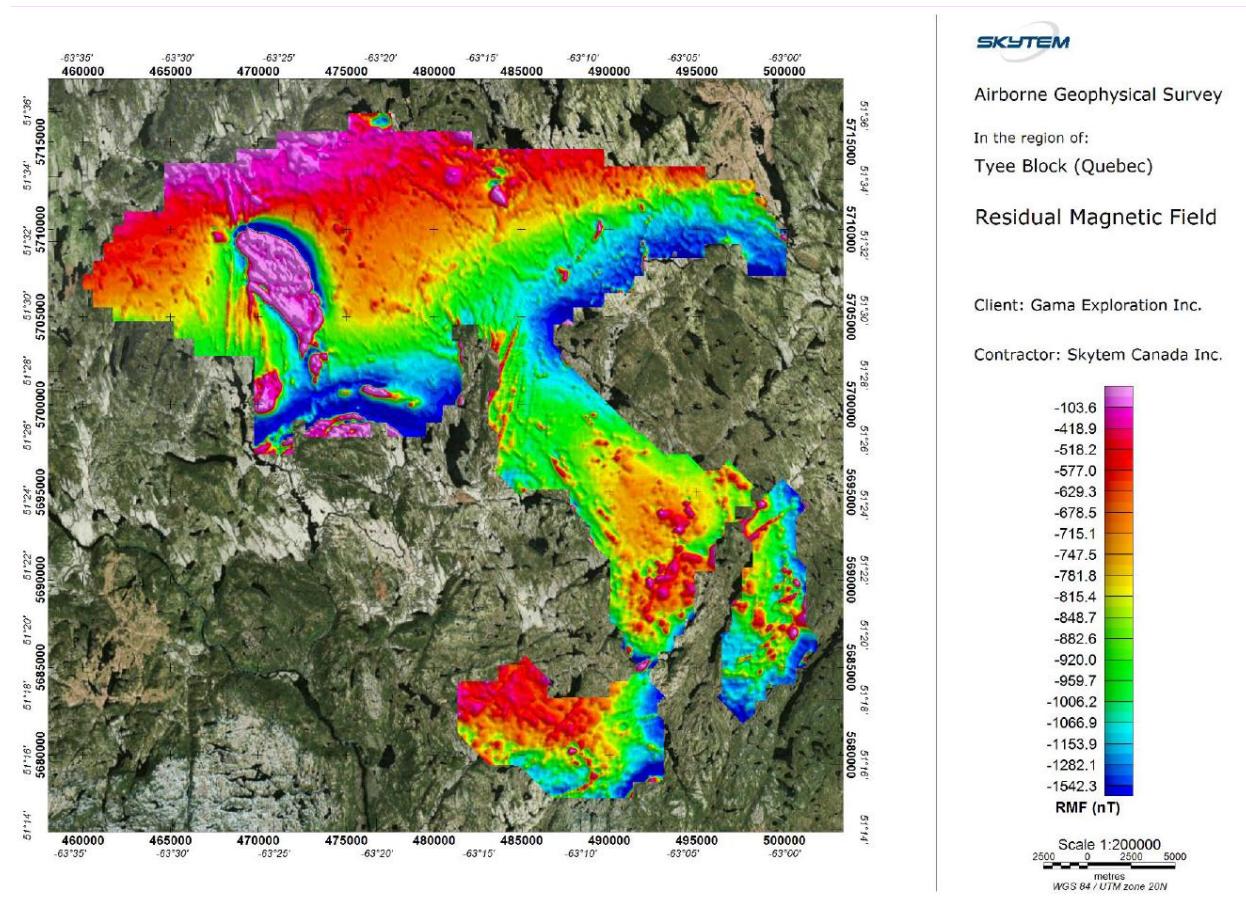


Figure 11. SkyTEM survey magnetic results for residual magnetic field (RMF)

The SkyTEM data report submitted to Blackbird notes with regard to resistivity:

*Due to the highly resistive nature of the background geology, the resulting secondary EM fields emitting from the ground are quite low. This low signal results in overall poor data fitting from the EM inversion. The EM inversion algorithm is best suited for highly conductive horizontal layered earth situations, which is not the case across this survey area. This results in some highly suspect conductors at depth appearing within the inverted data. All conductors should be confirmed by reviewing the dB/dt data in both the low moment (generally from shallow geology) and high moment (generally from deep geology) channels and confirmed with ground-based follow-up methods prior to drilling.*

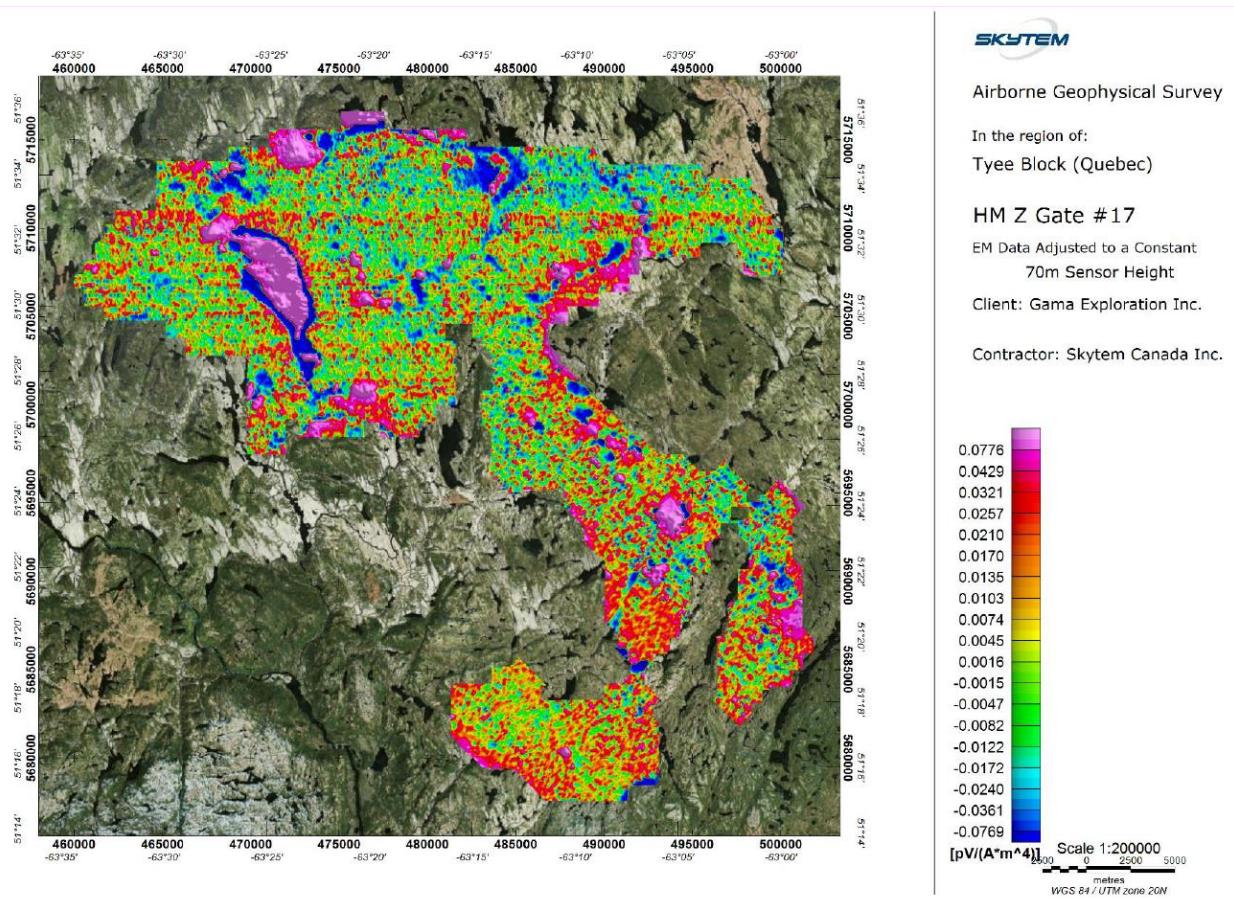


Figure 12. SkyTEM survey electromagnetic (EM) results showing constant height adjusted EM.

### 9.3 Surface Sampling and Assay Results

The 2023 fall sampling program by Blackbird consisted of prospecting areas as previously identified by the geophysical survey. In total, 93 sites were sampled, on or near mineralized anorthosite. The locations of the 93 sites are shown in Figure 13, and result highlights are presented in Table 1 for Fe-Ti-V showings and Table 2 for Ni-Cu-(PGE) showings. For details of the methods used, see the "Sample Preparation, Analyses and Security" section.

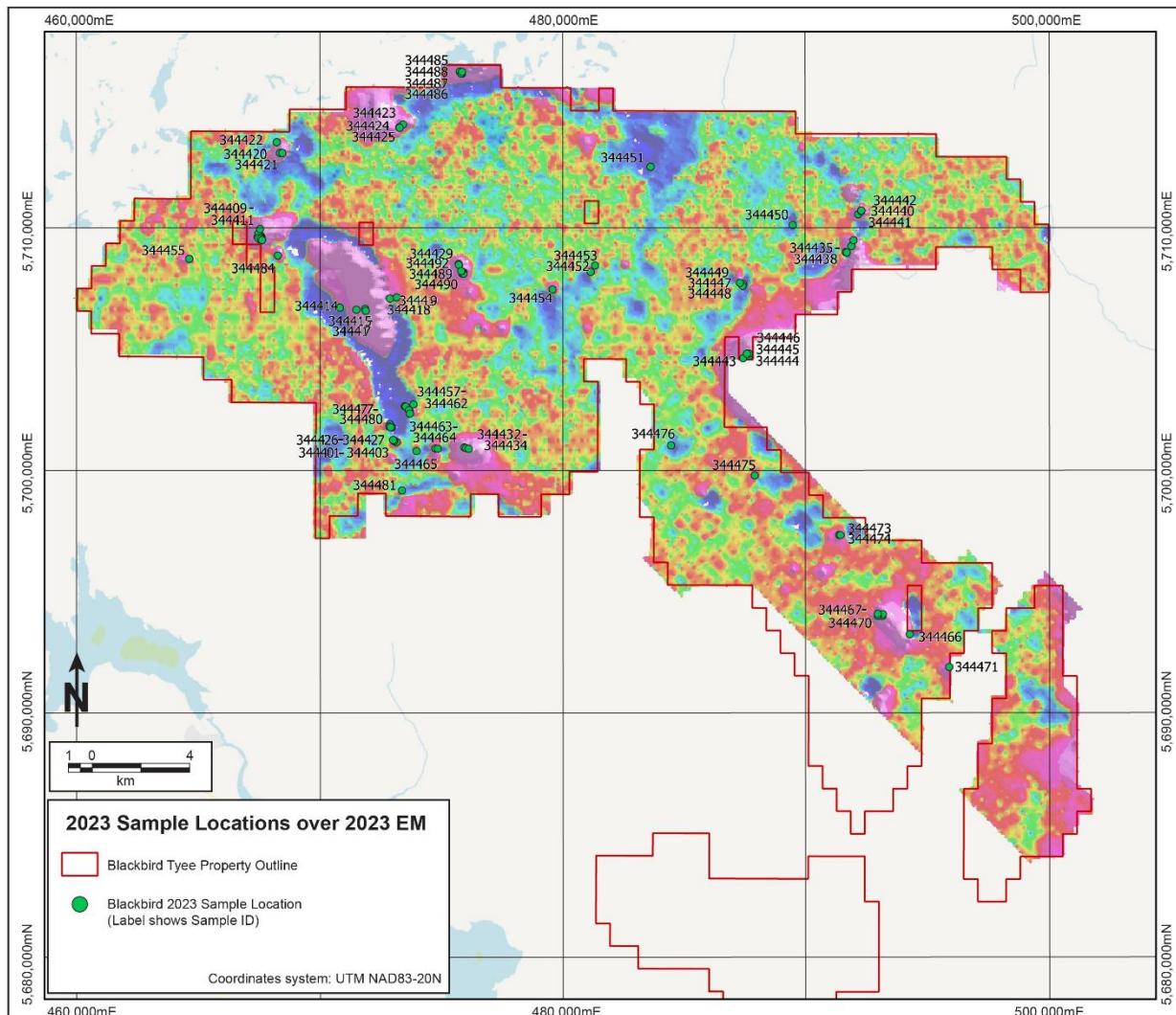


Figure 13. Plan-view map of height-adjusted EM over the Tyee property with locations of assay samples from the Blackbird sampling program.

*Table 1. Rock sample result highlights at showings discovered in the 2023 field program by Blackbird. Note coordinates system for easting and northing is UTM NAD83, Zone 20N.*

<b>Sample ID</b>	<b>Easting</b>	<b>Northing</b>	<b>Showing Area</b>	<b>TiO<sub>2</sub> (%)</b>	<b>V<sub>2</sub>O<sub>5</sub> (%)</b>	<b>Cr<sub>2</sub>O<sub>3</sub> (%)</b>	<b>Sc (g/t)</b>
344423	473478	5714160	St. Denis East	37.65	0.29	0.13	41
344472	495910	5691939	Big TiO	37.26	0.27	0.09	40
344469	492987	5693991	Big TiO	37.25	0.29	0.22	40
344422	468285	5713440	St. Denis West	36.85	0.31	0.21	42
344483	467686	5709422	Crescent	35.13	0.27	0.13	36
344490	475961	5708044	St. Laurent	34.43	0.32	0.17	38
344448	487425	5707536	East Nugget	34.24	0.32	0.24	40
344410	467604	5709870	Crescent	34.08	0.32	0.16	42
344437	491899	5709174	NS Trend	33.93	0.27	0.24	38
344435	491656	5708927	NS Trend	33.64	0.25	0.10	41
344455	464703	5708636	Little West	33.54	0.33	0.08	40
344441	492298	5710603	NS Trend	33.06	0.31	0.12	33
344438	491987	5709414	NS Trend	32.93	0.27	0.12	38
344429	475761	5708432	St. Laurent	32.24	0.31	0.15	39
344492	475768	5708407	St. Laurent	31.78	0.32	0.12	37

*Table 2. Rock sample assay highlights at the Little St. Catherines showing area, occurrence numbers associated with those labelled in Figure 7. Note coordinates system for easting and northing is UTM NAD83, Zone 20N.*

<b>Sample</b>	<b>Easting</b>	<b>Northing</b>	<b>Occurrence</b>	<b>Ni (%)</b>	<b>Cu (%)</b>	<b>Co (%)</b>	<b>Pt+Pd</b>
---------------	----------------	-----------------	-------------------	---------------	---------------	---------------	--------------

ID							(ppb)
344457	473557	5702602	Little St. Catherine #1	0.73	0.58	0.14	36
344465	474039	5700756	Little St. Catherine #4	0.71	0.80	0.08	37
344427	473074	5701210	Little St. Catherine #3	0.64	0.52	0.08	71.3
344458	473621	5702562	Little St. Catherine #1	0.53	0.49	0.10	24.4
344462	473763	5702298	Little St. Catherine #1	0.46	0.23	0.07	38.6
344434	476178	5700850	Little St. Catherine #6	0.30	0.42	0.05	6.5
344432	476000	5700907	Little St. Catherine #6	0.23	0.18	0.02	5
344479	472927	5701791	Little St. Catherine #2	0.15	0.15	0.02	11.2
344401	473200	5701142	Little St. Catherine #3	0.06	0.13	0.02	21.7

## 10 Drilling

As there is no historic drilling on the Tyee Project property, no drill results exist for the mineral occurrences on the Property.

## 11 Sample Preparation, Analyses and Security

### 11.1 Sample Preparation and Security

Sampling in the 2023 field program was done using chips from bedrock at locations identified by beep-mat analysis. Samples were placed in a labelled sample bag with the corresponding sample tag and sealed with a zip tie; samples were packaged and stored at the field office in Havre-Saint-Pierre prior to shipment. Access to this facility was limited to authorized persons working on the Project. A geologist was responsible for overseeing the transfer of samples from the field office to the shipping company, which delivered the samples to Bureau Veritas' preparation facilities in Timmins, Ontario for preparation.

Upon arrival the Bureau Veritas facility, samples were dried as required and crushed to 70% passing 2 mm. A 1,000–1,500 g subsample was then split out and pulverized to 85% passing 75 µm and ~250 g subsample of that pulverized pulp was taken for head assays. Following completion of assays, pulps were stored for 90 days before disposal and crush rejects were disposed of after 60 days.

### 11.2 Analytical Method

Samples collected in the 2023 field program were analyzed at Bureau Veritas, using a combination of multi-acid inductively coupled plasma-optical emission spectrometry (ICP-ES; measuring 35 elements), fire assay fusion (measuring Au, Pt, Pd by ICP-MS), and peroxide fusion ICP-ES, measuring 17 elements with enhanced upper and lower detection limits on Li, Fe, Ti, Co, Cr, Ni, Cu, Pb, Zn. Powder samples at each location were also tested in the field using a handheld X-ray fluorescent (XRF) spectrometer.

### **11.3 Quality Assurance and Quality Control**

All sampling, assay, other relevant data from the 2023 exploration program was captured by geologists from Axiom Exploration into a central database. In addition, all historical data was captured into this database, which is hosted on servers at the Blackbird Critical Metals Corp. offices.

Bureau Veritas adds standards and blanks at regular intervals, analyses of which were deemed to be within acceptable limits.

### **11.4 Field Duplicates**

No additional field duplicates were submitted as part of the 2023 program. Given the results of the program and the outcrops of visible mineralization in the field, the Qualified Person does not consider this to be material.

### **11.5 QP's Opinion on Sample Preparation, Analysis, and Security Procedures**

The Qualified Person believe the security and integrity of the core samples submitted for analyses during the 2023 sampling program is uncompromised with adequate record keeping, storage locations, sample transport methods, and the analytical laboratories' chain of custody procedures. Furthermore, it is Qualified Person's opinion that the sample collection, preparation and analytical procedures undertaken on the Project during the 2023 sampling program is appropriate for the sample media and mineralization type, the stage of project, and conforms to industry standards.

## **12 Data Verification**

The author, accompanied by Mr. Ryan Versloot, visited the property on June 19, 2024. The property was accessed by helicopter from the community of Havre-Saint-Pierre. The showings locations can be found on Figure 7.

### **12.1 Big Tio Showing**

Firstly the author was shown the Big Tio showing located a short distance from the shore of Lac Ladieu (493170, 5693989, NAD83 UTM 20N). This showing is exposed in a small (5 m long) north-trending outcrop. The exposure is on an about 1 m high sub-vertical face that exposes massive, very coarse-grained black Ilmenite crystals, which are euhedral-equant. Six metres to the west and uphill of the Big Tio showing is a small outcrop of coarse-grained anorthosite. Eighty metres north of the mineralized outcrop is another small outcrop which exposes completely massive, almost pure, very coarse-grained ilmenite, containing no feldspar at all.

A large grab sample (Sample A) of the ilmenite mineralization was taken by the author from the Big Tio showing. The sample was selected to be as representative of the entire exposure as possible. The sample was kept in the author's possession continuously until it was taken to AGAT Labs in Calgary, Alberta for analysis. The sample analysis returned 61.64% Fe<sub>2</sub>O<sub>3</sub> and 36.10% TiO<sub>2</sub>, confirming it being composed of almost pure Ilmenite. The sample also contained significant traces of V<sub>2</sub>O<sub>5</sub> (0.42%) and CrO<sub>2</sub> (0.19%).

## **12.2 St. Laurent Showing**

Subsequently the author was taken to the St. Laurent showing (475934, 5708084, NAD83 UTM 20N), which is located near the top of a bald hill. The top of this hill exposes rusty-weathering anorthosite, rusty due to a large content of weathered ilmenite. Slightly down the slope of the hill is a thick band of massive, very coarse-grained ilmenite with ≥5% coarse-grained pyrite. This showing is illustrated in Fig. 6

The ilmenite band appears to be steeply south-dipping, 10-15 m thick and is slightly to moderately magnetic. The ilmenite has a nice, euhedral cumulate-like texture.

The upper(?) contact of the ilmenite band with the rusty anorthosite is sharp, whereas the lower contact is not visible.

The overlying anorthosite is rusty in spots and contains what appear to be squeezed “bubbles” of immiscible ilmenite-rich liquid, now of course crystallized.

A second grab sample, selected to be as representative of the mineralization visible, was taken by the author at the St. Laurent location (Sample B). Analysis of this sample returned: 61.70% Fe<sub>2</sub>O<sub>3</sub> and 36.86% TiO<sub>2</sub>, suggesting an even higher concentration of ilmenite. The sample analysis revealed anomalous concentrations of V<sub>2</sub>O<sub>5</sub> (0.44%) and CrO<sub>2</sub> (0.25%).

The laboratory data sheets for the samples can be found in Appendix C.

In addition to the site visit, data verification for this report consisted of the Author independently downloading, confirming, and reviewing existing technical data relevant to the Property. The reports and datasets used are referenced in Section 27: References and are primarily available in the public domain with the exception of a summary report of 2023 exploration work Author reviewed all available data provided by the Company for work completed in 2023 not currently available in the public domain. It is the Author's opinion that historical data that is used as the basis for this report meets the required standard for a NI 43-101 Technical Report and is sufficient to support the discussion, conclusions, and recommendations herein.

## **13 Mineral Processing and Metallurgical Testing**

As there is no active or historic mining on the Tyee Project property, no mineral processing or metallurgical testing exists for the mineral occurrences on the Property.

No metallurgical test work was conducted by Blackbird.

## **14 Mineral Resource Estimates**

No Mineral Resource Estimates have been calculated for the Tyee Project property.

## **15 Mineral Reserve Estimates**

This section does not apply to the Technical Report.

## **16 Mining Methods**

This section does not apply to the Technical Report.

## **17 Recovery Methods**

This section does not apply to the Technical Report.

## **18 Project Infrastructure**

This section does not apply to the Technical Report.

## **19 Market Studies and Contracts**

This section does not apply to the Technical Report.

## **20 Environmental Studies, Permitting and Social or Community Impact**

This section does not apply to the Technical Report.

## **21 Capital and Operating Costs**

This section does not apply to the Technical Report.

## **22 Economic Analysis**

This section does not apply to the Technical Report.

## **23 Adjacent Properties**

The Tyee Property's main claims block is surrounded by claims owned by a number of independent prospectors and corporations such as Marster Metals Corp., Go Metals Corp., and Rio Tinto Exploration Canada Inc., with a narrow strip (500 to 1000 m) of claims separating it from the two Tyee claim blocks to the south and southwest (Figure 14).

The Go Metals Corp. HSP project has yielded Ni-Cu-PGE mineralization on surface and in diamond drilling, highlighted by a 9.3 m intercept of 0.43% Ni, 0.17% Cu, 0.05% Co, and 0.19 g/t PGE+Au (January 9<sup>th</sup>, 2023 News Release by Go Metals Corp.). Other than the early-stage exploration conducted on the HSP project, no other significant exploration has taken place on adjacent properties and no NI 43-101 report has been completed on any adjacent properties; thus, at this time, these claims are not relevant or material to the disclosure in this Technical Report.

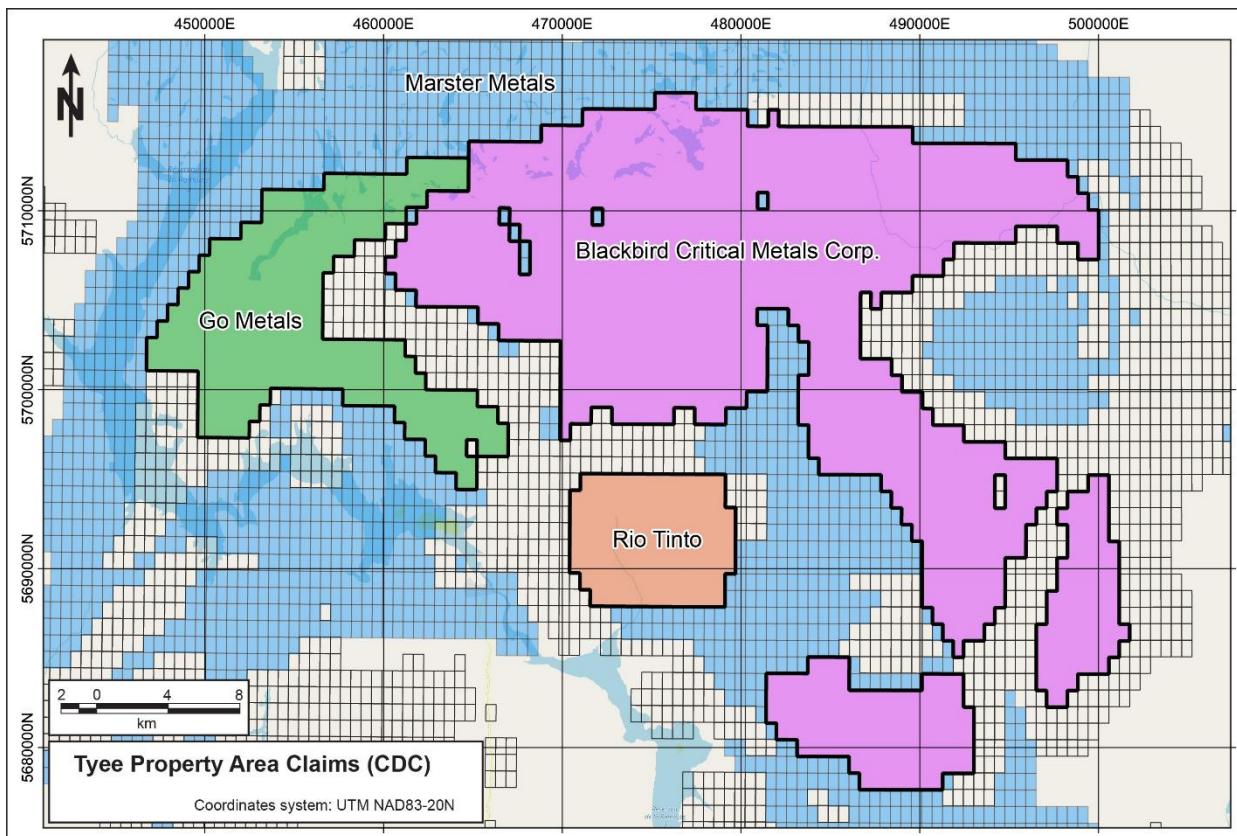


Figure 14. Location of the Go Metals HSP Project and mineral claims of Marster Metals and Rio Tinto Exploration Canada, shown relative to the Tyee property boundary. Note other surrounding claim cells, owned by individual prospectors, are shown without infill colour.

## 24 Other Relevant Data and Information

There are no other relevant data or information at this stage.

## 25 Interpretation and Conclusions

Several showings of mineralization have been identified on the Tyee property by Blackbird in the 2023 field program. Mineralization at the Tyee Project shows similarities to other magmatic Fe-Ti-V deposits associated with anorthosite intrusive complexes. In particular, the concentration of magnetite and ilmenite into several tabular to lens-shape strata are typical of these deposit types. The Ni-Cu-(PGE) mineralization on the property contains variable amounts of sulfide with textures that suggest a sulfide liquid existed during cooling of the mafic melt.

During 2023, Blackbird collected 93 rock samples for assay which may be used in combination with the geophysical survey to identify target areas for drilling. Without any prior exploration on the property, the 2023 surface investigation and assay results, with consideration of Tyee's proximity to a world class Fe-Ti-V deposit\* (Lac Tio), suggest that the Fe-Ti-V mineralization at Tyee should be prioritized for follow-up drilling. The highest concentration of ilmenite-bearing and TiO<sub>2</sub> enriched samples were at the NS Trend and Big TiO showings (Figure 7 and Table 1).

The following risks and uncertainties may affect the reliability or confidence in the exploration information:

- No historical drilling to confirm subsurface continuation of mineralization at surface.
- QAQC procedures in the field relied on internal lab blanks, standards, and duplicates; a more extensive sampling program, including drilling, should consider implementing more robust QAQC in the field.
- Environmental considerations that may affect the project and their influence on the potential economic viability of the Project have not been assessed.
- Permits and authorizations for advancement of the Project are not guaranteed.
- The following opportunities have been identified with respect to further exploration:
  - Maiden drilling at the largest identified Fe-Ti-V anomalies, the NS Trend and the Big TiO, to confirm extent and thickness of mineralized layers exposed at surface.  
The Tyee claims have additional Ni-Cu-(PGE) mineralization that can be fully assessed by further sampling (i.e., soils, grabs, trenching).

## **26 Recommendations**

The following recommendations are made with respect to future work on the Property.

Currently, surface sampling and the airborne geophysical survey have identified several mineralized target areas, the most widespread on the property being Fe-Ti-V occurrences. Work on these target areas is listed as Phase 1 below.

Additional exploration work would also focus on the Ni-Cu-(PGE) mineralization occurrences on the Property that are currently identified at six different showings, collectively names the little St. Catherine's target area. Future work at these occurrences would focus on surface exploration to hopefully locate drill-ready targets. This work is listed as Phase 2 below. Note that Phase 2 is not contingent upon positive results from Phase 1.

Phase 1: The author recommends the following work to advance known Fe-Ti-V mineralization at Tyee:

- Detailed RC drilling (approximately 2400 m) along the NS trend target, with fences spaced approximately 100 m apart (Figure 15). Drill holes only need to test the subsurface (50 to 75m

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\*Referenced nearby projects, deposits and mines provide geologic context for the Tyee property, but are not necessarily indicative that it hosts similar potential, size or grades of mineralization.

depth). To cover the entire anomaly, up to 40 RC holes in the southern part of the NS trend can be drilled, and 8 RC holes in the northern part of the trend (Figure 15).

- A combination of detailed and exploration RC drilling (approximately 2150 m) at the Big TiO target, with fences on the eastern side of the lake spaced approximately 200 m apart, and those on the western side of the lake spaced at 100 m (Figure 15). Drill holes only need to test the subsurface (~50 m depth). To cover the entire EM anomaly, up to 25 RC holes in the eastern part of the Big TiO anomaly can be drilled, and 17 RC holes in the western part of the anomaly (Figure 15).
- Maintain supervision and database verification regarding consistent geological logging.

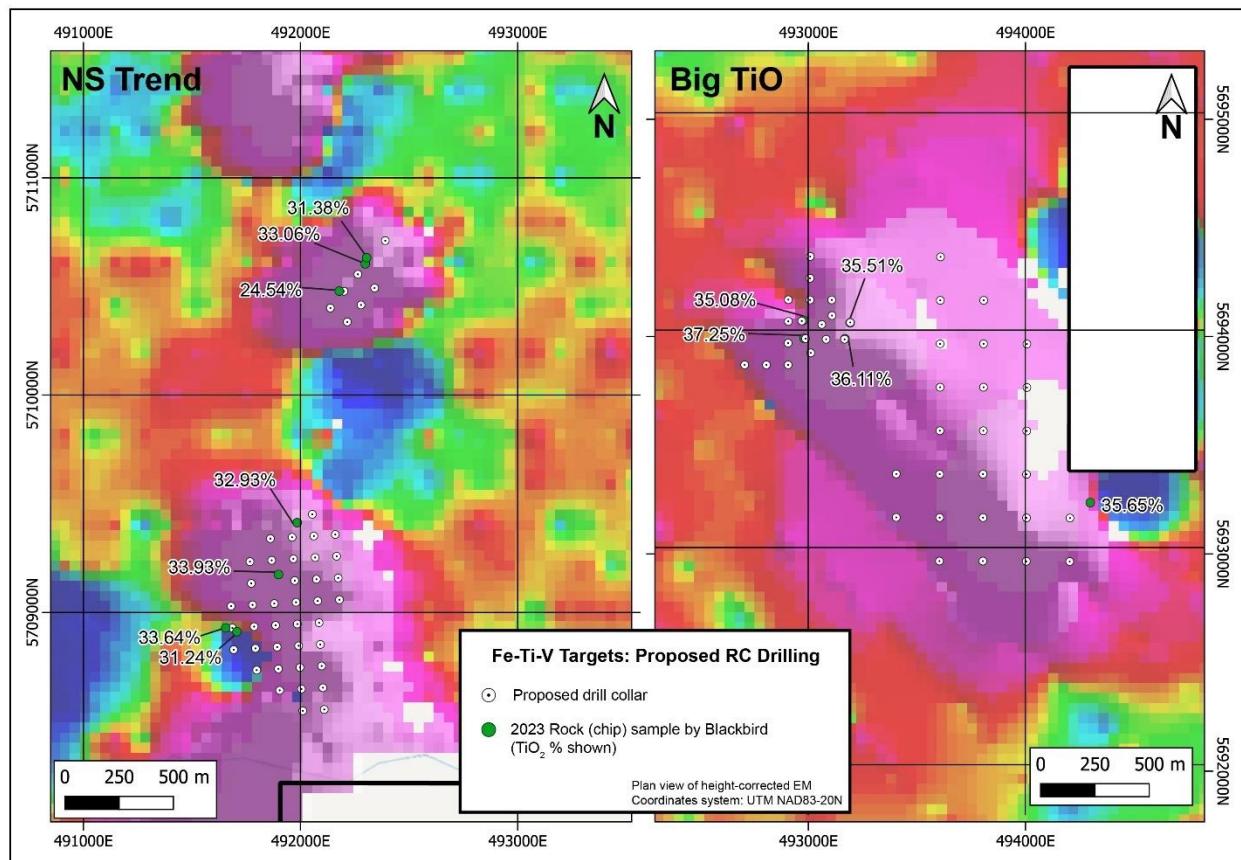


Figure 15. Proposed drill collar locations for targets NS Trend (left) and Big TiO (right) in plan view, with height-corrected EM shown. Blackbird 2023 surface sample results of  $\text{TiO}_2$  wt. % shown.

Proposed drill hole locations are shown in Figure 15 and tabulated below in Table 3.

*Table 3. Proposed RC drill locations for NS Trend and Big TiO targets on the Tyee Property.*

Hole_ID	Easting*	Northing*	Az (°)	Dip (°)	Length (m)
NS_001	492137	5710401	270	-75	50
NS_002	492215	5710337	270	-75	50
NS_003	492200	5710478	270	-75	50
NS_004	492278	5710415	270	-75	50
NS_005	492264	5710556	270	-75	50
NS_006	492341	5710493	270	-75	50
NS_007	492390	5710711	270	-75	50
NS_008	492311	5710640	270	-75	50
NS_009	492010	5708548	270	-75	50
NS_010	492109	5708554	270	-75	50
NS_011	491904	5708642	270	-75	50
NS_012	492004	5708648	270	-75	50
NS_013	492103	5708654	270	-75	50
NS_014	491798	5708735	270	-75	50
NS_015	491898	5708741	270	-75	50
NS_016	491997	5708747	270	-75	50
NS_017	492097	5708754	270	-75	50
NS_018	491792	5708835	270	-75	50
NS_019	491892	5708841	270	-75	50
NS_020	491991	5708847	270	-75	50
NS_021	492091	5708853	270	-75	50
NS_022	491686	5708929	270	-75	50
NS_023	491786	5708935	270	-75	50
NS_024	491885	5708941	270	-75	50
NS_025	491985	5708947	270	-75	50
NS_026	492085	5708953	270	-75	50
NS_027	491680	5709029	270	-75	50
NS_028	491779	5709035	270	-75	50
NS_029	491879	5709041	270	-75	50
NS_030	491979	5709047	270	-75	50
NS_031	492079	5709053	270	-75	50
NS_032	492179	5709059	270	-75	50
NS_033	491773	5709134	270	-75	50
NS_034	491873	5709141	270	-75	50
NS_035	491973	5709147	270	-75	50
NS_036	492073	5709153	270	-75	50
NS_037	492173	5709159	270	-75	50
NS_038	491767	5709234	270	-75	50
NS_039	491867	5709240	270	-75	50
NS_040	491967	5709247	270	-75	50
NS_041	492067	5709253	270	-75	50
NS_042	492166	5709259	270	-75	50
NS_043	491861	5709340	270	-75	50
NS_044	491961	5709346	270	-75	50
NS_045	492061	5709352	270	-75	50
NS_046	492160	5709359	270	-75	50
NS_047	491987	5709414	270	-75	50
NS_048	492054	5709452	270	-75	50
<b>TOTAL</b>					<b>2400 m</b>
BigTio_001	493009	5694369	270	-75	50
BigTio_002	493008	5694269	270	-75	50

BigTio_003	492908	5694170	270	-75	50
BigTio_004	493008	5694169	270	-75	50
BigTio_005	493108	5694169	270	-75	50
BigTio_006	492908	5694070	270	-75	50
BigTio_007	492970	5694072	270	-75	50
BigTio_008	493062	5694056	270	-75	50
BigTio_009	493109	5694097	270	-75	50
BigTio_010	493193	5694065	270	-75	50
BigTio_011	492907	5693970	270	-75	50
BigTio_012	492987	5693991	270	-75	50
BigTio_013	493082	5693988	270	-75	50
BigTio_014	493167	5693988	270	-75	50
BigTio_015	493011	5693925	270	-75	50
BigTio_016	492707	5693870	270	-75	50
BigTio_017	492807	5693870	270	-75	50
BigTio_018	492907	5693870	270	-75	50
BigTio_019	493609	5694367	270	-75	50
BigTio_020	493608	5694167	270	-75	50
BigTio_021	493808	5694167	270	-75	50
BigTio_022	493607	5693967	270	-75	50
BigTio_023	493807	5693967	270	-75	50
BigTio_024	494007	5693966	270	-75	50
BigTio_025	493607	5693767	270	-75	50
BigTio_026	493807	5693767	270	-75	50
BigTio_027	494007	5693766	270	-75	50
BigTio_028	493606	5693567	270	-75	50
BigTio_029	493806	5693567	270	-75	50
BigTio_030	494006	5693566	270	-75	50
BigTio_031	493405	5693368	270	-75	50
BigTio_032	493605	5693367	270	-75	50
BigTio_033	493805	5693367	270	-75	50
BigTio_034	494005	5693366	270	-75	50
BigTio_035	493405	5693168	270	-75	50
BigTio_036	493605	5693167	270	-75	50
BigTio_037	493805	5693167	270	-75	50
BigTio_038	494005	5693166	270	-75	50
BigTio_039	494205	5693165	270	-75	50
BigTio_040	493604	5692967	270	-75	50
BigTio_041	493804	5692967	270	-75	50
BigTio_042	494004	5692966	270	-75	50
BigTio_043	494204	5692965	270	-75	50
<b>TOTAL</b>		*UTM NAD83 Z20N			<b>2150 m</b>

Phase 2: Recommended work (optionally concurrent with Phase 1) proposed at the Little St. Catherines target:

- Additional surface sampling and assaying.
- Detailed mapping of exposed bedrock and stripping in the area of known showings.
- Petrographic analysis of sulfide-bearing samples to determine nature of mineralization.
- Soil sampling grid over Little St. Catherines area to determine trend of anomalous base and precious metals.

A budget for this future work is outlined in Table 4.

*Table 4. Corresponding budget to proposed work on the Tyee Property.*

<b>Recommended Work</b>	<b>Details</b>	<b>Estimated Cost (CAD\$)</b>
Phase 1	Drilling	4550m of RC @ \$80/m (includes fuel, mob/demob)
	Field Personnel	Logging, sampling, supervision
	Camp	Mob/demob, food, accommodation
	Analytical	(900 rock samples @ \$60/sample, shipping, QAQC)
	Transportation	+fuel, communication
	Equipment	Field equipment and supplies
	Pre/post-Season	Preparation, compilation, Reporting
		<b>TOTAL PHASE 1</b>
Phase 2	Sampling	(40 rock samples @ \$50/sample, 150 soil samples @ \$20/sample)
	Petrography	(25 rock samples @ \$40/sample, 25petrographic descriptions @\$200/sample)
	Pre/post-Season	Preparation, compilation, Reporting
		<b>TOTAL PHASE 2</b>
<b>TOTAL PHASE 1 and 2</b>		<b>\$626,000</b>

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### Appendix A: Tyee Mineral Titles

Property	Title No.	Title Type	Titleholder(s) (Name, No. and %)	Date of Registration	Expiry Date	Status	NTS Sheet	Area (Ha)
Tyee	2641196	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.63
Tyee	2641197	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.63
Tyee	2641198	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.63
Tyee	2641199	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.63
Tyee	2641200	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.63
Tyee	2641201	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.62
Tyee	2641202	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.62
Tyee	2641203	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.62
Tyee	2641204	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.62
Tyee	2641205	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.62
Tyee	2641206	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.61
Tyee	2641207	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.61
Tyee	2641208	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.61
Tyee	2641209	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.61
Tyee	2641210	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M06	53.61
Tyee	2641211	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.61
Tyee	2641212	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.60
Tyee	2641213	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.60
Tyee	2641214	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.60
Tyee	2641215	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.60
Tyee	2641216	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.60
Tyee	2641217	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.60
Tyee	2641218	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.59
Tyee	2641219	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.59
Tyee	2641220	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.58
Tyee	2641221	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.58
Tyee	2641222	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.57
Tyee	2641223	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.57

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# **BLACKBIRD CRITICAL METALS CORP.**

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**BLACKBIRD CRITICAL METALS  
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Tyee	2641255	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.60
Tyee	2641256	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.60
Tyee	2641257	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.59
Tyee	2641258	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.59
Tyee	2641259	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.59
Tyee	2641260	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.59
Tyee	2641261	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.58
Tyee	2641262	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.58
Tyee	2641263	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.58
Tyee	2641264	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.58
Tyee	2641265	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.57
Tyee	2641266	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.57
Tyee	2641267	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-11	2025-03-10	Active	12M11	53.57
Tyee	2642114	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M06	53.65
Tyee	2642115	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M06	53.65
Tyee	2642116	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M06	53.65
Tyee	2642117	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M06	53.64
Tyee	2642118	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M06	53.64
Tyee	2642119	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M06	53.64
Tyee	2642120	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M06	53.64
Tyee	2642121	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M06	53.63
Tyee	2642122	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M06	53.63
Tyee	2642123	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M06	53.62
Tyee	2642124	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M06	53.62
Tyee	2642125	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M06	53.61
Tyee	2642126	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M06	53.61
Tyee	2642127	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M11	53.60
Tyee	2642128	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M11	53.60
Tyee	2642129	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M11	53.60
Tyee	2642130	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M11	53.60
Tyee	2642131	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-16	2025-03-15	Active	12M11	53.60

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**BLACKBIRD CRITICAL METALS  
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Tyee	2642295	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M06	53.66
Tyee	2642296	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M06	53.66
Tyee	2642297	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M06	53.66
Tyee	2642298	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M06	53.66
Tyee	2642299	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M06	53.66
Tyee	2642300	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M06	53.66
Tyee	2642301	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M06	53.66
Tyee	2642302	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M06	53.65
Tyee	2642303	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M06	53.62
Tyee	2642304	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.58
Tyee	2642305	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.57
Tyee	2642306	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.57
Tyee	2642307	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.56
Tyee	2642308	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.56
Tyee	2642309	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.56
Tyee	2642310	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.56
Tyee	2642311	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.55
Tyee	2642312	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.55
Tyee	2642313	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.55
Tyee	2642314	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.54
Tyee	2642315	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.54
Tyee	2642316	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.53
Tyee	2642317	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.53
Tyee	2642318	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.53
Tyee	2642319	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.53
Tyee	2642320	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.52
Tyee	2642321	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.52
Tyee	2642322	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M11	53.52
Tyee	2642323	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M12	53.55
Tyee	2642324	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M12	53.54
Tyee	2642325	CDC	Gama Explorations Inc. (102236) 100 %	2022-03-18	2025-03-17	Active	12M12	53.53

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**BLACKBIRD CRITICAL METALS  
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Tyee	2667561	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M11	53.57
Tyee	2667562	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M11	53.57
Tyee	2667563	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M11	53.57
Tyee	2667564	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M11	53.56
Tyee	2667565	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M11	53.56
Tyee	2667566	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M11	53.56
Tyee	2667567	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M11	53.55
Tyee	2667574	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M06	53.64
Tyee	2667575	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M06	53.64
Tyee	2667576	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M06	53.63
Tyee	2667577	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M06	53.63
Tyee	2667578	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M06	53.62
Tyee	2667579	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M06	53.62
Tyee	2667580	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M06	53.61
Tyee	2667581	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-20	2025-09-19	Active	12M06	53.61
Tyee	2669700	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.60
Tyee	2669701	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.60
Tyee	2669702	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.59
Tyee	2669703	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.59
Tyee	2669704	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.59
Tyee	2669705	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.58
Tyee	2669706	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.58
Tyee	2669707	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.58
Tyee	2669708	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.58
Tyee	2669709	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.58
Tyee	2669710	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.58
Tyee	2669711	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.58
Tyee	2669712	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.58
Tyee	2669713	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.57
Tyee	2669714	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.57
Tyee	2669715	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.57

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**BLACKBIRD CRITICAL METALS  
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Tyee	2669716	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.57
Tyee	2669717	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.56
Tyee	2669718	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.56
Tyee	2669719	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.55
Tyee	2669720	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-23	2025-09-22	Active	12M11	53.55
Tyee	2671274	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M05	53.62
Tyee	2671275	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M05	53.62
Tyee	2671276	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M05	53.62
Tyee	2671277	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M05	53.62
Tyee	2671278	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M05	53.61
Tyee	2671279	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M05	53.61
Tyee	2671280	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M06	53.63
Tyee	2671281	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M06	53.63
Tyee	2671282	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M06	53.62
Tyee	2671283	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M06	53.62
Tyee	2671284	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M06	53.62
Tyee	2671285	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M06	53.62
Tyee	2671286	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M06	53.61
Tyee	2671287	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M06	53.61
Tyee	2671288	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M06	53.61
Tyee	2671289	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M06	53.61
Tyee	2671290	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M11	53.61
Tyee	2671291	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M11	53.61
Tyee	2671292	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M11	53.61
Tyee	2671293	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M11	53.60
Tyee	2671294	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M11	53.60
Tyee	2671295	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M12	53.61
Tyee	2671296	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M12	53.61
Tyee	2671297	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M12	53.61
Tyee	2671298	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M12	53.61
Tyee	2671299	CDC	Gama Explorations Inc. (102236) 100 %	2022-09-26	2025-09-25	Active	12M12	53.61

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**BLACKBIRD CRITICAL METALS  
CORP.**

Tyee	2676485	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-06	2025-10-05	Active	12M06	53.62
Tyee	2676486	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-06	2025-10-05	Active	12M06	53.61
Tyee	2676487	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-06	2025-10-05	Active	12M06	53.61
Tyee	2676488	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-06	2025-10-05	Active	12M06	53.61
Tyee	2677520	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.89
Tyee	2677521	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.89
Tyee	2677522	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.89
Tyee	2677523	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.89
Tyee	2677524	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.89
Tyee	2677525	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.89
Tyee	2677526	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.89
Tyee	2677527	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.89
Tyee	2677528	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.88
Tyee	2677529	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.88
Tyee	2677530	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.88
Tyee	2677531	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.88
Tyee	2677532	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.88
Tyee	2677533	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.88
Tyee	2677534	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.88
Tyee	2677535	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.88
Tyee	2677536	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.88
Tyee	2677537	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.87
Tyee	2677538	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M06	53.87
Tyee	2677539	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M11	53.60
Tyee	2677540	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M11	53.60
Tyee	2677541	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M11	53.60
Tyee	2677542	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M11	53.60
Tyee	2677543	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M11	53.59
Tyee	2677544	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M11	53.59
Tyee	2677545	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M11	53.59
Tyee	2677546	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-07	2025-10-06	Active	12M11	53.58

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# **BLACKBIRD CRITICAL METALS CORP.**

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## **TECHNICAL REPORT**

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**BLACKBIRD CRITICAL METALS  
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Tyee	2677948	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.80
Tyee	2677949	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.79
Tyee	2677950	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.79
Tyee	2677951	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.79
Tyee	2677952	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.83
Tyee	2677953	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.82
Tyee	2677954	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.82
Tyee	2677955	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.81
Tyee	2677956	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.81
Tyee	2677957	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.81
Tyee	2677958	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.80
Tyee	2677959	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.80
Tyee	2677960	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.79
Tyee	2677961	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.79
Tyee	2677962	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.78
Tyee	2677963	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.78
Tyee	2677964	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.78
Tyee	2677965	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.78
Tyee	2677966	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.77
Tyee	2677967	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.77
Tyee	2677968	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.77
Tyee	2677969	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.77
Tyee	2677970	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.76
Tyee	2677971	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.76
Tyee	2677972	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.76
Tyee	2677973	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.75
Tyee	2677974	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.75
Tyee	2677975	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.75
Tyee	2677976	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.74
Tyee	2677977	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.74
Tyee	2677978	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.74

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Tyee	2677979	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.74
Tyee	2677980	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.73
Tyee	2677981	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.73
Tyee	2677982	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.73
Tyee	2677983	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M06	53.72
Tyee	2677984	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.79
Tyee	2677985	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.79
Tyee	2677986	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.78
Tyee	2677987	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.78
Tyee	2677988	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.77
Tyee	2677989	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.77
Tyee	2677990	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.76
Tyee	2677991	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.76
Tyee	2677992	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.75
Tyee	2677993	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.74
Tyee	2677994	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.73
Tyee	2677995	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-08	2025-10-07	Active	12M07	53.72
Tyee	2678112	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-09	2025-10-08	Active	12M06	53.88
Tyee	2678113	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-09	2025-10-08	Active	12M06	53.88
Tyee	2678114	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-09	2025-10-08	Active	12M06	53.88
Tyee	2678115	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-09	2025-10-08	Active	12M06	53.88
Tyee	2678116	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-09	2025-10-08	Active	12M06	53.85
Tyee	2678117	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-09	2025-10-08	Active	12M06	53.84
Tyee	2678118	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-09	2025-10-08	Active	12M06	53.84
Tyee	2678119	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-09	2025-10-08	Active	12M06	53.84
Tyee	2678120	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-09	2025-10-08	Active	12M06	53.84
Tyee	2678121	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-09	2025-10-08	Active	12M06	53.82
Tyee	2678122	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-09	2025-10-08	Active	12M06	53.81
Tyee	2678123	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-09	2025-10-08	Active	12M06	53.81
Tyee	2678124	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-09	2025-10-08	Active	12M06	53.81
Tyee	2678125	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-09	2025-10-08	Active	12M06	53.81

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**BLACKBIRD CRITICAL METALS  
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Tyee	2678811	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-13	2025-10-12	Active	12M11	53.57
Tyee	2678812	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-13	2025-10-12	Active	12M11	53.57
Tyee	2678813	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-13	2025-10-12	Active	12M11	53.57
Tyee	2678814	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-13	2025-10-12	Active	12M11	53.57
Tyee	2678815	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-13	2025-10-12	Active	12M11	53.56
Tyee	2678816	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-13	2025-10-12	Active	12M11	53.57
Tyee	2678817	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-13	2025-10-12	Active	12M11	53.56
Tyee	2678818	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-13	2025-10-12	Active	12M11	53.56
Tyee	2678819	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-13	2025-10-12	Active	12M11	53.56
Tyee	2678925	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.71
Tyee	2678926	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.70
Tyee	2678927	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.70
Tyee	2678928	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.70
Tyee	2678929	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.69
Tyee	2678930	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.69
Tyee	2678931	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.69
Tyee	2678932	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.68
Tyee	2678933	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.68
Tyee	2678934	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.68
Tyee	2678935	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.67
Tyee	2678936	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.67
Tyee	2678937	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.67
Tyee	2678938	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.66
Tyee	2678939	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.66
Tyee	2678940	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.66
Tyee	2678941	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.66
Tyee	2678942	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.65
Tyee	2678943	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.65
Tyee	2678944	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.65
Tyee	2678945	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.65
Tyee	2678946	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-14	2025-10-13	Active	12M06	53.64

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Tyee	2679632	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.72
Tyee	2679633	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.72
Tyee	2679634	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.72
Tyee	2679635	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.71
Tyee	2679636	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.71
Tyee	2679637	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.71
Tyee	2679638	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.71
Tyee	2679639	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.71
Tyee	2679640	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.71
Tyee	2679641	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.71
Tyee	2679642	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.71
Tyee	2679643	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.70
Tyee	2679644	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.70
Tyee	2679645	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.70
Tyee	2679646	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.70
Tyee	2679647	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.70
Tyee	2679648	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.70
Tyee	2679649	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.70
Tyee	2679650	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.70
Tyee	2679651	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.69
Tyee	2679652	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.69
Tyee	2679653	CDC	Gama Explorations Inc. (102236) 100 %	2022-10-17	2025-10-16	Active	12M06	53.69

## **Appendix B: QP CERTIFICATE**

**To Accompany the Report titled “Technical Report on the Tyee Project, Québec, Canada”, dated July 3<sup>rd</sup>, 2024 (the “Technical Report”)**

I, Alex Knox., M.Sc., P.Geol., do hereby certify that:

- 1) I am independent consulting geologist with AWK Geological Consulting Ltd., at 2233 4<sup>th</sup> Ave, Calgary, AB, T2N 0N8, CANADA.
- 2) This certificate applies to the report entitled “NI 43-101 Technical Report on the Tyee Project” (the “Technical Report”), prepared on behalf of Blackbird Critical Metals Corp. and with an effective date of July 3, 2024 and signature date of July 3, 2024.
- 3) I am a registered Professional Geologist (P. Geol.) with the Association of Professional Engineers and Geoscientists of Alberta (APEGA) and have a special authorization with Ordre des géologues du Québec to practice geology on behalf of Blackbird Critical Metals Corp.
- 4) I have practiced my profession as a geologist continuously for more than forty-five years with experience working with gold, base metal, rare metal and rare earth deposits.
- 5) I have read the definition of a qualified person (“QP”) as set out in National Instrument 43-101 (“NI 43-101”) and certify that by reason of my education, affiliation with a professional association (as defined by NI 43-101) and past relevant work experience, I fulfill the requirements to be a QP for the purposes of NI 43-101.
- 6) I visited the Property one June 19, 2024.
- 7) I am responsible for the preparation and take responsibility for all sections of the Technical Report.
- 8) I am independent of the issuer of this report
- 9) I have not had prior involvement with the Property that is the subject of this report.
- 10) I have read NI 43-101 and all items of the Technical Report have been prepared in compliance with this Instrument.
- 11) As of the effective date of this report, July 3, 2024, to the best of my knowledge, information and belief, this technical report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.
- 12) “Signed”

“Alex Knox”

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Alex Knox., M.Sc., P. Geol.  
AWK Geological Consulting Ltd.  
July 3, 2024

**TYEE PROJECT  
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**BLACKBIRD CRITICAL METALS  
CORP.**

**Appendix C: Data Verification Assays**

Analyst:		Muhammad Arfin		Oxide Concentrations											
Lab Sample ID	Client Sample ID	LOI	Al2O3	BaO	CaO	Cr2O3	CuO	Fe2O3	HfO2	K2O	MgO	MnO	Na2O		
Unit		wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%		
RDL		0.02	0.04	0.01	0.02	0.01	0.01	0.02	0.01	0.05	0.02	0.01	0.02		
24A22488_1	A	<RDL	1.28	<RDL	<RDL	0.28	<RDL	61.64	<RDL	<RDL	1.87	0.15	0.06		
24A22488_2	B	<RDL	0.63	<RDL	<RDL	0.25	0.01	61.70	<RDL	<RDL	2.15	0.17	0.05		

Analyst:		Muhammad Arfin		Oxide Concentrations											
Lab Sample ID	Client Sample ID	NiO	P2O5	PbO	SO3	SiO2	SrO	TiO2	V2O5	ZnO	ZrO2				
Unit		wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%				
RDL		0.01	0.01	0.01	0.05	0.40	0.01	0.01	0.02	0.01	0.01				
24A22488_1	A	0.01	<RDL	<RDL	<RDL	<RDL	<RDL	<RDL	36.10	0.42	0.02	0.08	101.91		
24A22488_2	B	0.01	<RDL	<RDL	<RDL	<RDL	<RDL	<RDL	36.68	0.44	<RDL	0.01	102.10		

Converted Elemental Concentrations (wt%)										
Al	Ba	Ca	Cr	Cu	Fe	Hf	K	Mg	Mn	Na
wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%
0.68	<RDL	<RDL	0.19	<RDL	43.11	<RDL	<RDL	1.13	0.12	0.05
0.33	<RDL	<RDL	0.17	0.01	43.16	<RDL	<RDL	1.30	0.13	0.04

Converted Elemental Concentrations (wt%)									
Ni	P	Pb	S	Si	Sr	Ti	V	Zn	Zr
wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%
0.01	<RDL	<RDL	<RDL	<RDL	<RDL	21.64	0.24	0.02	0.06
0.01	<RDL	<RDL	<RDL	<RDL	<RDL	21.98	0.25	<RDL	0.01

*Results of WDXRF following Lithium Borate Fusion, completed by AGAT laboratories.*