

INDEPENDENT TECHNICAL REPORT

**Bryce Gold Property
Kirkland Lake, Ontario**

Prepared for
Northstar Gold Corp.



Prepared by
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Appendix 1 – Certificate of Qualified Person

1.0 SUMMARY

1.1 Introduction

Northstar Gold Corp. (“Northstar” or “Company”) commissioned Ronacher McKenzie Geoscience (“Ronacher McKenzie”) to complete an Independent Technical Report according to the standards of the NI43-101 for its Bryce Gold Property (“Property”) located near Kirkland Lake in Northeastern Ontario. The purpose of the Technical Report is to review and disclose relevant information about the Property.

The Property was visited by Trevor Boyd on April 20-21, 2021, who reviewed historic drill core, collected check samples, visited historic drill collars and trenches. Trevor Boyd of Ronacher McKenzie reviewed and completed all the sections of the Technical Report.

The Property consists of 266 contiguous, unpatented cell claims plus five patent claims comprising 4,649 hectares in the Larder Lake Mining Division within the Bryce and Tudhope Townships. All claims are 100% owned by Northstar Gold Corp. of 17 Wellington Street, New Liskeard, Ontario. The Property is located ~50 km south of Kirkland Lake, Ontario and ~35 km northwest of New Liskeard, Ontario at approximately 566500E and 528300N, UTM Zone 17N NAD83 covered by map NTS 41P/NE.

The Property was initially prospected for gold from the 1920s to the 1940s. The early work identified several gold showings, which were trenched and drilled. The general results were encouraging but no mineral deposits were reported. In 1978, staking and exploration of Crown lands in the Bryce Township area was halted by the Bear Island Aboriginal Land Caution which was re-opened in 1990.

Much of the west side of the Bryce Gold Property has historically been covered by three partners, John Ewanchuk, James Morris and Fredrick Swanson, both separately and commonly as the named EMS Property covering most of the historically prospective area of Heather Lake extending to the northwest of Honeymoon Lake covering northwest Bryce and northeast Tudhope townships. Parts and at times the whole EMS Property had been optioned out and explored by ground geophysical surveys, surface sampling and diamond drilling by multiple exploration companies. The EMS Property included the historic Briscoe-Bryce prospect which had been explored since 1936 and attempted to produce in the mid-1960s using a 60-75 t/d mill for a reported production of approximately 100 tons of mineralized material at average grade of 0.5 to 0.6 oz/t Au. Subsequently the mill burned down in 1967. Most of the present Property holdings held by Northstar at the date of this report were acquired between 2008 and 2011 and encompass the original EMS Property.

1.2 Geology

The Bryce Gold Property lies near the south margin of the 2697 +/-5 Ma Round Lake Batholith. East and southeast dipping volcanic rocks ‘wrap around’ the east and southeast boundary of the Batholith. These consist of an older sequence of mafic with minor ultramafic volcanic rocks, known as the Catherine basalts, overlain by felsic volcanic rocks, known as the Skead pyroclastics. The mafic sequence is dated in NE Pacaud Township, 30 km to the NE of the Property, at 2740 ±2Ma to 2720 ±2Ma, i.e. Pacaud to Stoughton-Roquemaure

Assemblages. Correlating the lithology with the Pacaud-Catherine area, suggests that the Bryce mafic sequence is somewhat younger than 2720 Ma and could possibly be of the Kidd-Munro Group. The felsic sequence is dated in Catherine Township, 35 km NE of the Property at 2701 ± 2 Ma, i.e. Blake River Assemblage, (Ayer, J.A. & Trowell N.F. 2000, OGS Map P2435).

The southwest edge of the Britannia feldspar porphyry stock, an intrusive of intermediate composition, 1.5 by 2.5 km in diameter, lies within the central northern part of the Property. The area lies a short distance north of the Cobalt embayment and to the south, the Archean assemblages are overlain by these gently dipping, unfolded, Proterozoic, sedimentary rocks. Dips of the Archean volcanic rocks are generally steep. There are several 070° and isolated 025° trending faults throughout the area with some 120° trending structures within the Skead pyroclastics. The regional NW trending Cross Lake Fault of the Lake Temiskaming rift system, a 'late' system that cuts Paleozoic rocks, passes through the NE corner of Bryce Township and lies 2.5 km northeast of the Property.

The area has numerous gold showings and occurrences, but not significant production. To the north, within the Catherine basalts, most of the gold showings lie close to 070° trending faults. All of the gold is hosted within the Skead pyroclastics, mafic volcanics or associated with the porphyritic intrusions.

The multiple veins described on the Bryce Gold Property by different workers appear to belong to the category of lode gold occurrences described as "quartz-carbonate vein gold", typical of 80% of Canadian producing gold mines. Some of the gold mineralization exhibits associations with volcanogenic exhalative sulphide type systems with significant Zn and Ag contents while others are hosted in porphyritic systems containing anomalous Cu values.

1.3 Exploration

After Northstar acquired the Bryce Gold Property in 2008, the Company completed a series of airborne and ground geophysical surveys with the objectives to assist in the assessment of the potential for gold mineralization on the Property and to propose follow-up exploration programs on the most interesting targets.

In early 2009, a heliborne geophysical survey using the versatile time-domain electromagnetic (VTEM) system and aeromagnetics was completed over Bryce Township covering the eastern part of the Property.

During November 2008 Abitibi Geophysics, on behalf of Northstar, completed 25.1 line km ground magnetic (MAG) and 32.2 line km of resistivity / induced polarization (IP) surveys over a portion of the Property, a further 7.6 line km of MAG and 18.3 line km of IP surveys in August 2009, 5.1 line km of MAG and 9.3 line km of IP in November 2009, and finally 11 line km of IP with 15 line km of IPower 3D configuration IP in July 2011.

Abitibi Geophysics also completed a hole-to-hole Resistivity / IP survey from 16 July – 10 August, 2010 in which a total of 29 independent pairs of receiver holes were surveyed (Berube 2010). In between the Phase 4 and 5 drilling programs during February 2013, a borehole EarthProbe IP – Resistivity survey was completed on the Property for the Company by Caracle Creek International Consulting. These series of airborne and ground

surveys generated multiple chargeability and/or resistivity targets; some of which were subsequently drill tested.

Northstar collected 477 grab samples on the Property between 2008 and 2017; 42 of the samples returned gold grades >10 g/t with the highest grades of 83.10 g/t Au, 62.10 g/t Au, 58.59 g/t Au and 57.10 g/t Au. During 2021, additional mapping and surface outcrop sampling was conducted over newly logged areas on the Property.

1.4 Summary of Drilling 2009-2012

Northstar Gold Corp completed five phases of diamond drilling on the Property between 2009 and 2013 completing 68 diamond drill holes totalling 22,382 m. The Company conducted the first two phases from February to April 2009, and February to April 2010 totaling 13,130 metres in 43 holes.

For the Phase 3 program, a total of 16 drill holes, totaling 4,580 meters, were completed from August 9, 2011 to October 5, 2011 with a focus in testing the Pike Lake area.

The Phase 4 and 5 drilling programs were completed in the Springs of 2012 and 2013, and comprised of eleven NQ holes totaling 4,672 metres, eight during the first part and three holes during the second part following up on significant Au and multi-element drill core intersections and attractive IP and resistivity targets. From June to October 2012, the work also entailed data compilation of all the drilling results together from 2009 and the modeling of interpreted zones using GoCad software.

1.5 Results and Conclusions

The best result from the 2011 drilling, 15.9 meters averaging 2.37 g/t Au and 1.87% Zn, was obtained in hole BG11-47 at a depth of 289.2-304.7 meters; the interval included 7.91 g/t Au, 11.18 g/t Ag and 3.77% Zn over 2.4 m from 302.3 m to 304.7m. This drill hole tested the Pike Lake Zone east of Pike Lake. This anomalous interval also included significant Zn and Ag values and traces of copper, tungsten and cadmium. The Zn values for this anomalous interval are 2.9% Zn over 5.6 meters, from 289.2m to 294.8m, and 4.1 % Zn over 2.15 m, from 302.5 to 304.7 m.

The most noteworthy results overall, however, were generated from the drill testing in 2012 in the Sunday Creek area of the Northstar named 'Sunday Creek Porphyry' in holes BG12-65, BG13-66, 67, and 68 where the mineralized zone appears to be striking WNW and dipping towards the south with results from hole 65 of 2.09 g/t Au over 25.5 m from 251.5-277.0 m within a wide halo of anomalous gold grading 0.86 g/t over 80 metres. The porphyry mineralization is interpreted to be open along strike and appears to be expanding towards the surface to an unknown extent as this stage. The 2013 winter drilling program established that the Sunday Creek Porphyry is a stockwork-type porphyry that contains widespread stringers and veins of significant gold with copper values. Much of the veining observed in the Porphyry is dipping to the north at shallow angles normal to the Porphyry contact. The compiled assay results and interpreted geology of four drill holes (BG10-41, 65, 67 and 68) suggest the potential for defining a gold mineralized body. Determining a size and grade for the mineralized porphyry-hosted system will require follow-up tightly spaced drilling.

It is the Qualified Person's opinion that the analytical results from the Bryce Gold Property site visit are adequate for the purposes of the technical report. The Qualified Person is also of the opinion that the data from the Northstar exploration and diamond drilling are adequate for the purpose used in this report.

A work budget of \$528,500 encompassing revised exploration modelling incorporating historic and Northstar exploration results for the whole Property area is recommended. Diamond drilling is recommended for the Sunday Creek and Pike Lake areas with the purpose of further assessing the gold bearing zones.

2.0 INTRODUCTION

Northstar Gold Corp. ("Northstar" or "Company") commissioned Ronacher McKenzie Geoscience ("Ronacher McKenzie") to complete an Independent Technical Report according to the standards of the NI43-101 for Northstar's Bryce Gold Property ("Property") located near Kirkland Lake in Northeastern Ontario (Figure 2-1). The purpose of the Technical Report is to compile and assess relevant exploration data so that Northstar can plan an effective exploration program to advance the Property.

The main source of information was Northstar, the present owner of the Property, who provided a compilation of historic exploration data including drill hole documentation and reports. Additional historic information and geological literature was obtained from the public domain, dominantly the Ministry of Energy, Northern Development and Mines, Ontario ("MENDM") and the Ontario Geological Survey ("OGS").

The Property was visited by Trevor Boyd on April 20-21, 2021. Mr. Boyd reviewed historic drill core, collected check samples, visited historic drill collars and trenches. Trevor Boyd of Ronacher McKenzie reviewed and completed all the sections of the Technical Report.

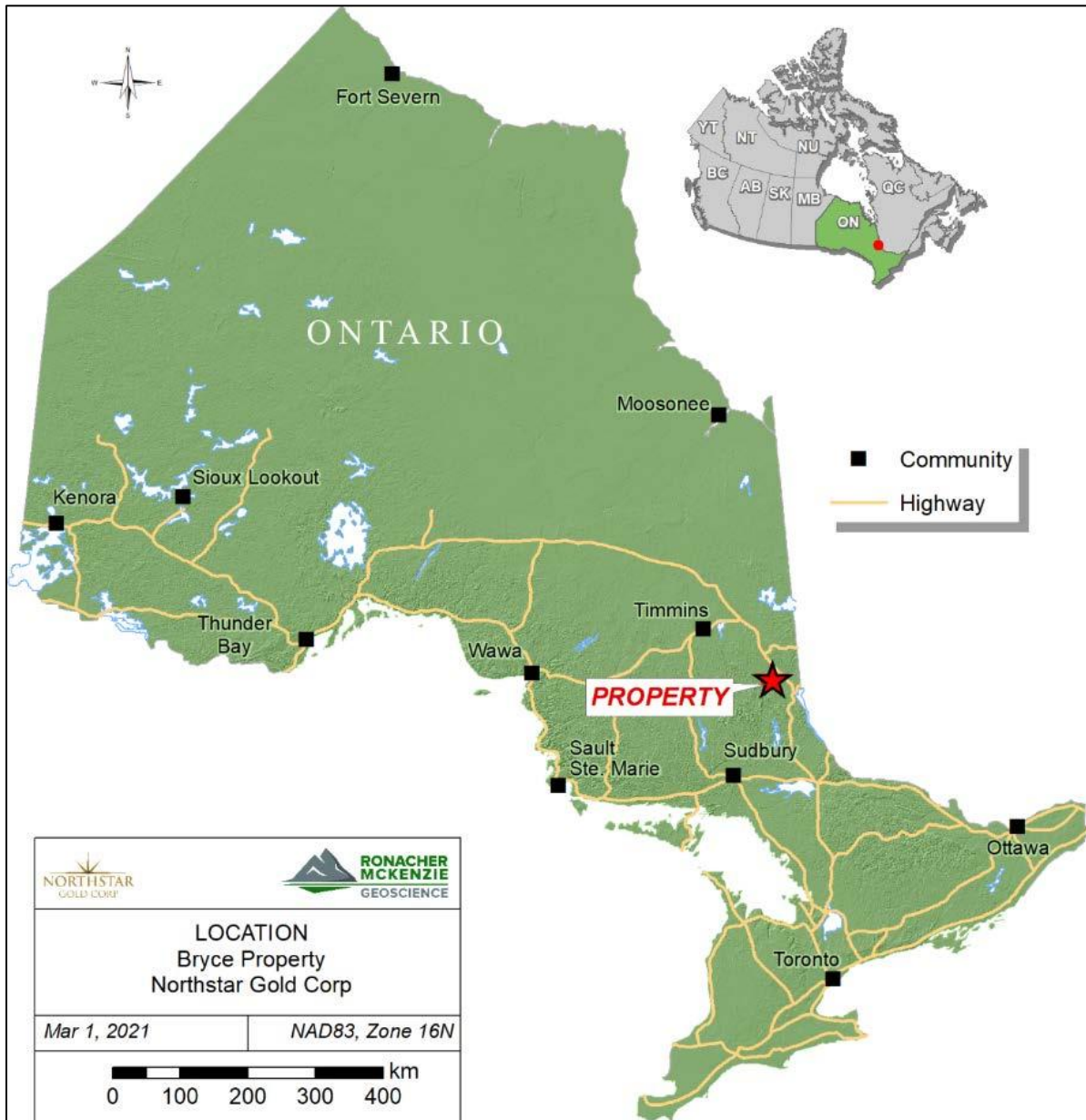


Figure 2-1: Location of the Bryce Gold Property in northeastern Ontario.

2.1 Terminology

AEM: Airborne electromagnetic survey

Aeromagnetic: Airborne magnetic survey

Asl: above sea level

Chargeability: An electrochemical effect caused by inducement of electromagnetic forces

DDH: Diamond Drill Hole

EM: Electromagnetic

Ga: billion years

HeliGEOTEM: Airborne electromagnetic and magnetic survey system operated by Fugro Airborne Surveys.

Heli: Helicopter

ICP-MS: Inductively coupled plasma mass spectrometry; analytical technique for multi-element analysis.

ICP-AES: Inductively coupled plasma atomic emission spectroscopy; analytical technique for multi-element analysis.

IP: Induced Polarization survey measuring earth chargeability and resistivity.

KIM: Kimberlite Indicator Mineral

LIDAR: Light Detection and Ranging survey which is a remote sensing method that uses light in the form of a pulsed laser to measure ranges (variable distances) to the Earth.

MENDM: Ontario Ministry of Energy, Northern Development and Mines

Mag: Magnetic survey

NSR: Net Smelter Royalty

QA/QC: Quality assurance and quality control

QP: Qualified Person according to the definitions of the NI 43-101

Scintillometer: Instrument that can be used to measure the amount and type of gamma radiation

Sedar: System for Electronic Document Analysis and Retrieval; mandatory document filing and retrieving system for companies trading on Canadian stock exchanges administered by the Canadian Securities Administrators.

TDEM: Time Domain Electromagnetic survey

VLF EM: Very low frequency ground electromagnetic survey

VTEM: Versatile time domain electromagnetic survey

VMS: Volcanogenic (hosted) Massive Sulphides

%: Weight percent.

3-D: Three dimensional

2.2 Units

The metric system of measurement is used in this report. Historic data are typically reported in imperial units and were converted for this report using appropriate conversion factors. Ounces per (short) ton are converted to grams per (metric) tonne using the conversion factor of 34.2857. One foot is 0.3048 m. One mile is 1.609344 km. Surface area is provided in hectares (ha); one acre = 0.404686 ha; 1 ha = 0.01 km².

One gamma (unit of magnetic intensity) is 1×10^{-9} T or 1 nT. Gold and base metal analytical results may be converted from ppb to g/t and ppm to %, as stated in text, in order to maintain consistency of units within a section.

Universal Transverse Mercator (UTM) coordinates are provided in the datum of NAD83, Zone 17N.

2.3 Ronacher McKenzie Geoscience Qualifications

Ronacher McKenzie Geoscience is an international consulting company with offices in Toronto and Sudbury, Ontario, Canada. Ronacher McKenzie's mission is to use intelligent geoscientific data integration to help mineral explorationists focus on what matters to them. We help a growing number of clients understand the factors that control the location of mineral deposits.

With a variety of professional experience, our team's services include:

- Data Integration, Analysis and Interpretation
- Geophysical Services
- Project Generation and Property Assessment
- Exploration Project Management
- Independent Technical Reporting
- Project Promotion
- Lands Management

The primary Qualified Person and co-author of this Report is Trevor Boyd, Ph.D., P.Geo. Trevor Boyd is a Senior Geologist to Ronacher McKenzie Geoscience and a geoscientist in good standing with Professional Geoscientists of Ontario (PGO #1023). Trevor Boyd has worked as a geologist since 1986 in the exploration and mining industry on a variety of exploration properties worldwide such as precious metals, VMS, Ni-Cu-PGE, Sn-W-Mo porphyry, uranium, and salt. Trevor Boyd has written numerous Independent Technical Reports (NI 43-101) on a variety of deposit types with specific focus on geological and metallic mineral review and interpretation. Trevor Boyd is responsible for all sections of this Technical Report.

A Statement of Qualifications for the Qualified Person is provided in Appendix 1.

3.0 RELIANCE ON OTHER EXPERTS

Ronacher McKenzie relied on information provided by Northstar regarding land tenure and ownership. An independent assessment of land tenure was not completed by Ronacher McKenzie. Ronacher McKenzie reviewed the status of mineral claims on the website of the Government of Ontario, Ministry of Northern Development and Mines on January 28, 2022.

4.0 PROPERTY DESCRIPTION AND LOCATION

The Bryce Gold Property consists of 266 contiguous, unpatented cell claims comprising 4,568 ha in the Larder Lake Mining Division within the Bryce, Tudhope and Cane Townships (Table 4-1, Figure 4-1). All claims are 100% owned by Northstar Gold Corp. of 17 Wellington Street, New Liskeard, Ontario. In addition, the Property includes five mining rights patents, covering a total of 200 acres (80.94 ha) (Table 4-2, Figure 4-1).

The Property is located ~50 km south of Kirkland Lake, Ontario, and ~35 km north of New Liskeard, Ontario, at approximately 566500E and 528300N, UTM Zone 17N NAD83 covered by map NTS 41P/NE (Figure 3-1). Legal access to the Property is by public highways, concession roads and ATV trails. The surface rights are held owned by the Crown or by local landowners for which the claim holders have access rights in order to travel to their claims.

Table 4-1: List of claims of the Bryce Gold Property.

Tenure ID	Tenure Type	Owner	Due Date	Township
101298	Single Cell Mining Claim	Northstar Gold Corp.	2023-01-16	BRYCE
101577	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
102668	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
102693	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	BRYCE, TUDHOPE
102694	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
102807	Single Cell Mining Claim	Northstar Gold Corp.	30/11/2023	BRYCE
102808	Single Cell Mining Claim	Northstar Gold Corp.	30/11/2023	BRYCE
102960	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
103680	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
105679	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
106524	Single Cell Mining Claim	Northstar Gold Corp.	28/11/2023	TUDHOPE
107053	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
107387	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
109370	Boundary Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
109371	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
109770	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
109774	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
109797	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
109801	Single Cell Mining Claim	Northstar Gold Corp.	10/08/2023	BRYCE
110362	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
114744	Single Cell Mining Claim	Northstar Gold Corp.	11/06/2023	BRYCE

Tenure ID	Tenure Type	Owner	Due Date	Township
117787	Single Cell Mining Claim	Northstar Gold Corp.	16/01/2023	BRYCE
118005	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
118260	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
118968	Single Cell Mining Claim	Northstar Gold Corp.	30/11/2023	BRYCE
121599	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
125054	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
125326	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	BRYCE
125430	Single Cell Mining Claim	Northstar Gold Corp.	27/01/2023	TUDHOPE
125755	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	TUDHOPE
127486	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
127716	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
129987	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
129988	Single Cell Mining Claim	Northstar Gold Corp.	06/08/2023	TUDHOPE
131396	Single Cell Mining Claim	Northstar Gold Corp.	28/11/2023	BRYCE,TUDHOPE
133003	Boundary Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
135422	Single Cell Mining Claim	Northstar Gold Corp.	27/07/2022	BRYCE
136963	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
137704	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
138085	Single Cell Mining Claim	Northstar Gold Corp.	16/01/2023	BRYCE
138246	Single Cell Mining Claim	Northstar Gold Corp.	28/11/2023	BRYCE,TUDHOPE
138453	Single Cell Mining Claim	Northstar Gold Corp.	07/05/2023	BRYCE
138989	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
139533	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
139680	Single Cell Mining Claim	Northstar Gold Corp.	15/07/2023	BRYCE
143746	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
144980	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
144985	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
145155	Single Cell Mining Claim	Northstar Gold Corp.	07/09/2023	BRYCE
147392	Single Cell Mining Claim	Northstar Gold Corp.	06/08/2023	TUDHOPE
147830	Single Cell Mining Claim	Northstar Gold Corp.	01/11/2023	BRYCE
150880	Single Cell Mining Claim	Northstar Gold Corp.	27/07/2022	BRYCE
153208	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	BRYCE
153209	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	BRYCE
153727	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	TUDHOPE
155665	Single Cell Mining Claim	Northstar Gold Corp.	10/11/2023	BRYCE
157192	Boundary Cell Mining Claim	Northstar Gold Corp.	20/12/2022	BRYCE,TUDHOPE
157193	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
157303	Single Cell Mining Claim	Northstar Gold Corp.	01/11/2023	BRYCE
157875	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
157895	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
161536	Single Cell Mining Claim	Northstar Gold Corp.	10/05/2023	BRYCE
163938	Single Cell Mining Claim	Northstar Gold Corp.	06/08/2023	TUDHOPE
164498	Single Cell Mining Claim	Northstar Gold Corp.	30/11/2023	BRYCE
167533	Single Cell Mining Claim	Northstar Gold Corp.	10/05/2023	BRYCE

Tenure ID	Tenure Type	Owner	Due Date	Township
167756	Single Cell Mining Claim	Northstar Gold Corp.	27/07/2023	BRYCE
169657	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
173268	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE,CANE
174078	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
174257	Single Cell Mining Claim	Northstar Gold Corp.	07/09/2023	BRYCE
175600	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
178230	Boundary Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
179706	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	BRYCE,TUDHOPE
180147	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
180385	Single Cell Mining Claim	Northstar Gold Corp.	10/05/2023	BRYCE
182219	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
182449	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
182450	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE,CANE
182476	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
182917	Boundary Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
182918	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
182920	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
182921	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
183013	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
183275	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	BRYCE,TUDHOPE
183276	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	BRYCE,TUDHOPE
183277	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	BRYCE
183380	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
186772	Boundary Cell Mining Claim	Northstar Gold Corp.	27/07/2023	BRYCE
186773	Boundary Cell Mining Claim	Northstar Gold Corp.	20/12/2022	BRYCE,TUDHOPE
187250	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
188524	Single Cell Mining Claim	Northstar Gold Corp.	27/07/2022	BRYCE
189307	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	BRYCE,TUDHOPE
190362	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
190384	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
191101	Single Cell Mining Claim	Northstar Gold Corp.	16/01/2023	BRYCE
191509	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
195958	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
196993	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
196994	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE,CANE
198979	Boundary Cell Mining Claim	Northstar Gold Corp.	27/07/2023	BRYCE
200486	Single Cell Mining Claim	Northstar Gold Corp.	11/06/2023	BRYCE
201583	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
202385	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	BRYCE
202603	Single Cell Mining Claim	Northstar Gold Corp.	07/05/2023	BRYCE
203035	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
203036	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
203056	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
203072	Single Cell Mining Claim	Northstar Gold Corp.	11/06/2023	BRYCE

Tenure ID	Tenure Type	Owner	Due Date	Township
204920	Single Cell Mining Claim	Northstar Gold Corp.	10/05/2023	BRYCE
205114	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
205692	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	TUDHOPE
206260	Single Cell Mining Claim	Northstar Gold Corp.	13/06/2023	BRYCE
207118	Single Cell Mining Claim	Northstar Gold Corp.	07/09/2023	BRYCE
207615	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
207810	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
208329	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
209044	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	TUDHOPE
209083	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
209084	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
209167	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
209194	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
209203	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
209857	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
210301	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
211767	Single Cell Mining Claim	Northstar Gold Corp.	15/07/2023	BRYCE
215048	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
218343	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
218636	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	BRYCE
218796	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
218797	Single Cell Mining Claim	Northstar Gold Corp.	27/01/2023	TUDHOPE
219130	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
219131	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
221757	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	BRYCE,TUDHOPE
222176	Single Cell Mining Claim	Northstar Gold Corp.	07/05/2023	BRYCE
224006	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
224066	Single Cell Mining Claim	Northstar Gold Corp.	11/06/2023	BRYCE
225792	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
225793	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	BRYCE,TUDHOPE
226116	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
226117	Single Cell Mining Claim	Northstar Gold Corp.	27/01/2023	TUDHOPE
228497	Boundary Cell Mining Claim	Northstar Gold Corp.	10/11/2023	BRYCE
228498	Single Cell Mining Claim	Northstar Gold Corp.	10/11/2023	BRYCE
228832	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
228833	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
228834	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
228841	Single Cell Mining Claim	Northstar Gold Corp.	01/11/2023	BRYCE
234266	Single Cell Mining Claim	Northstar Gold Corp.	10/05/2023	BRYCE
235086	Single Cell Mining Claim	Northstar Gold Corp.	30/11/2023	BRYCE
236250	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
236609	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
237548	Single Cell Mining Claim	Northstar Gold Corp.	27/01/2023	TUDHOPE
237735	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE

Tenure ID	Tenure Type	Owner	Due Date	Township
239015	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
240209	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
240210	Single Cell Mining Claim	Northstar Gold Corp.	01/11/2023	BRYCE
240211	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
243357	Single Cell Mining Claim	Northstar Gold Corp.	06/08/2023	TUDHOPE
243358	Single Cell Mining Claim	Northstar Gold Corp.	06/08/2023	TUDHOPE
243359	Single Cell Mining Claim	Northstar Gold Corp.	06/08/2023	TUDHOPE
247070	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
247100	Boundary Cell Mining Claim	Northstar Gold Corp.	23/08/2023	BRYCE
247101	Boundary Cell Mining Claim	Northstar Gold Corp.	16/01/2023	BRYCE
247786	Single Cell Mining Claim	Northstar Gold Corp.	16/01/2023	BRYCE
247787	Single Cell Mining Claim	Northstar Gold Corp.	16/01/2023	BRYCE
253385	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
255720	Single Cell Mining Claim	Northstar Gold Corp.	10/08/2023	BRYCE
255967	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	BRYCE
255968	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	BRYCE
256416	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
256728	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE,CANE
257874	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
258561	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
258562	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
262956	Single Cell Mining Claim	Northstar Gold Corp.	10/05/2023	BRYCE
263185	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
264857	Single Cell Mining Claim	Northstar Gold Corp.	16/01/2023	BRYCE
273021	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
273551	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
273552	Single Cell Mining Claim	Northstar Gold Corp.	27/07/2022	BRYCE,TUDHOPE
275074	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
275735	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
276489	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
276592	Single Cell Mining Claim	Northstar Gold Corp.	07/05/2023	BRYCE
282714	Single Cell Mining Claim	Northstar Gold Corp.	27/07/2022	BRYCE,TUDHOPE
284725	Single Cell Mining Claim	Northstar Gold Corp.	27/01/2023	TUDHOPE
285103	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE,CANE
285109	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	BRYCE
285614	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
285740	Single Cell Mining Claim	Northstar Gold Corp.	27/07/2022	BRYCE
286385	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
288288	Boundary Cell Mining Claim	Northstar Gold Corp.	10/11/2023	BRYCE
289360	Boundary Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
289361	Boundary Cell Mining Claim	Northstar Gold Corp.	07/09/2023	BRYCE
289443	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
291525	Single Cell Mining Claim	Northstar Gold Corp.	27/01/2023	TUDHOPE
291526	Single Cell Mining Claim	Northstar Gold Corp.	27/01/2023	TUDHOPE

Tenure ID	Tenure Type	Owner	Due Date	Township
291569	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
291628	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
292279	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
292422	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
292434	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
292753	Single Cell Mining Claim	Northstar Gold Corp.	27/01/2023	TUDHOPE
292908	Single Cell Mining Claim	Northstar Gold Corp.	10/08/2023	BRYCE
293695	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
294844	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
299847	Single Cell Mining Claim	Northstar Gold Corp.	01/11/2023	BRYCE
302989	Single Cell Mining Claim	Northstar Gold Corp.	07/09/2023	BRYCE
305053	Boundary Cell Mining Claim	Northstar Gold Corp.	20/12/2022	BRYCE,TUDHOPE
305054	Boundary Cell Mining Claim	Northstar Gold Corp.	20/12/2022	BRYCE,TUDHOPE
305077	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	BRYCE
306296	Single Cell Mining Claim	Northstar Gold Corp.	10/08/2023	BRYCE
306297	Boundary Cell Mining Claim	Northstar Gold Corp.	10/08/2023	BRYCE
306298	Single Cell Mining Claim	Northstar Gold Corp.	16/01/2023	BRYCE
307040	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
307041	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
307534	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
310333	Single Cell Mining Claim	Northstar Gold Corp.	07/09/2023	BRYCE
311019	Single Cell Mining Claim	Northstar Gold Corp.	11/06/2023	BRYCE
311123	Single Cell Mining Claim	Northstar Gold Corp.	10/08/2023	BRYCE
311759	Single Cell Mining Claim	Northstar Gold Corp.	27/01/2023	TUDHOPE
312166	Single Cell Mining Claim	Northstar Gold Corp.	27/01/2023	TUDHOPE
312360	Single Cell Mining Claim	Northstar Gold Corp.	30/10/2023	BRYCE
312361	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2023	BRYCE
312404	Single Cell Mining Claim	Northstar Gold Corp.	08/06/2023	BRYCE,TUDHOPE
313062	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
313094	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
313207	Single Cell Mining Claim	Northstar Gold Corp.	07/05/2023	BRYCE
314241	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
314242	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
314249	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
315460	Single Cell Mining Claim	Northstar Gold Corp.	30/10/2023	BRYCE
316123	Single Cell Mining Claim	Northstar Gold Corp.	06/08/2023	TUDHOPE
317161	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
320097	Single Cell Mining Claim	Northstar Gold Corp.	27/07/2022	BRYCE,TUDHOPE
321652	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
322377	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	TUDHOPE
323139	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
324252	Single Cell Mining Claim	Northstar Gold Corp.	03/11/2023	TUDHOPE
325029	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
325755	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE

Tenure ID	Tenure Type	Owner	Due Date	Township
325766	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
325792	Single Cell Mining Claim	Northstar Gold Corp.	11/06/2023	BRYCE
326490	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
326491	Single Cell Mining Claim	Northstar Gold Corp.	01/11/2023	BRYCE
330928	Single Cell Mining Claim	Northstar Gold Corp.	28/11/2023	TUDHOPE
330929	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	TUDHOPE
335130	Single Cell Mining Claim	Northstar Gold Corp.	13/08/2023	BRYCE
335191	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
335192	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
341778	Single Cell Mining Claim	Northstar Gold Corp.	07/09/2023	BRYCE
343279	Single Cell Mining Claim	Northstar Gold Corp.	27/09/2023	TUDHOPE
343654	Single Cell Mining Claim	Northstar Gold Corp.	27/01/2023	TUDHOPE
343841	Single Cell Mining Claim	Northstar Gold Corp.	20/12/2022	TUDHOPE
343882	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	BRYCE
344043	Single Cell Mining Claim	Northstar Gold Corp.	24/12/2023	TUDHOPE
344563	Single Cell Mining Claim	Northstar Gold Corp.	12/06/2023	BRYCE
344775	Single Cell Mining Claim	Northstar Gold Corp.	17/10/2023	BRYCE
345093	Single Cell Mining Claim	Northstar Gold Corp.	22/04/2023	BRYCE
535364	Single Cell Mining Claim	Northstar Gold Corp.	23/11/2022	BRYCE
535365	Single Cell Mining Claim	Northstar Gold Corp.	23/11/2022	BRYCE
540269	Single Cell Mining Claim	Northstar Gold Corp.	30/01/2023	TUDHOPE
561937	Single Cell Mining Claim	Northstar Gold Corp.	15/10/2023	BRYCE
561938	Single Cell Mining Claim	Northstar Gold Corp.	15/10/2023	BRYCE
561939	Single Cell Mining Claim	Northstar Gold Corp.	15/10/2023	BRYCE
561940	Single Cell Mining Claim	Northstar Gold Corp.	15/10/2023	BRYCE

Table 4-2: List of patents that are part of the Property.

Patent Number	Owner	Area (ha)
PAT-19079	Northstar Gold Corp.	16.187
PAT-19080	Northstar Gold Corp.	16.187
PAT-19081	Northstar Gold Corp.	16.187
PAT-19082	Northstar Gold Corp.	16.187
PAT-19083	Northstar Gold Corp.	16.187
		80.935

The original Bryce Gold claims were acquired by Northstar in 2008 by purchase. Most of the remaining claims were acquired between 2009 and 2011 through a combination of purchases and claim staking. The Company holds 100% of the Property, however, parts of it are tied to NSRs within option agreements, which are broken down spatially as shown in Figure 4-2.

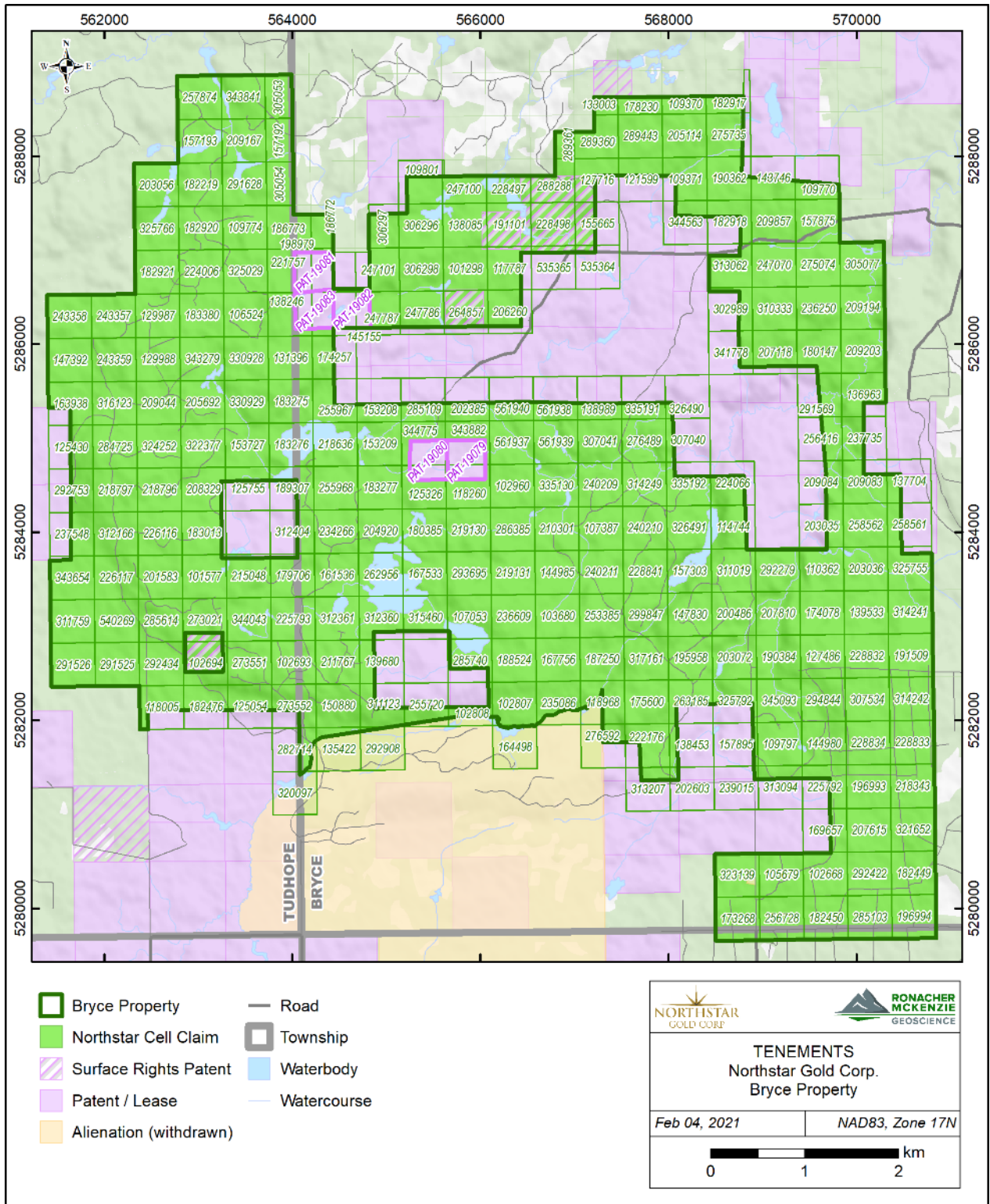


Figure 4-1: Bryce Gold Property mineral claims and patents.

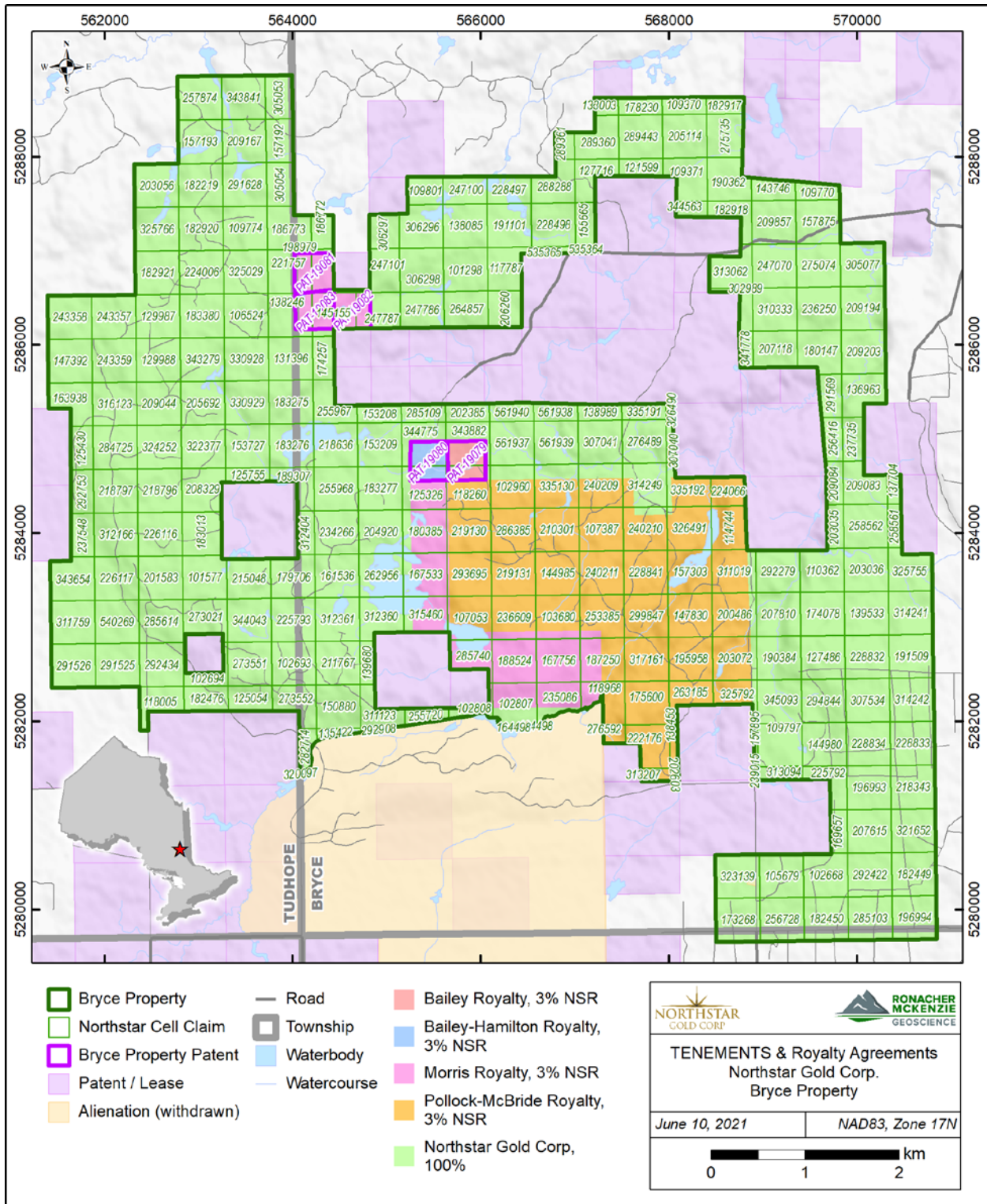


Figure 4-2: Map showing the various royalties to which the Bruce Gold Property is subject.

In order to retain the Property in good standing, Northstar must spend \$400/year on each single cell claim and \$200/year on each boundary cell claim totalling approximately \$103,000 / year. Based upon the tenure anniversary dates, the contiguous mineral claims are in good standing until at least until July 2023 and there are significant reserve credits available to extend them years longer.

Forty-two claims were originally optioned from George Pollock, John Pollock and Norman McBride to Northstar Gold with a 3% NSR. Eleven claims from James Morris and five Patent claims from Bailey were subsequently purchased by the Company. For all of the acquired claims, Northstar Gold holds buy back rights for half their NSR percentages. The remaining claims were staked.

The QP is not aware of any royalties, back-in rights, payments or other agreements and encumbrances to which the Property is subject to except the ones listed above and displayed in Figure 4-2.

4.1 Permits

In Ontario, permits are generally required for exploration on unpatented mineral claims or leases.

Exploration activities such as geophysical surveys requiring a power generator, line cutting where the line width is less than 1.5 m, mechanized drilling where the total weight of the rig is less than 150 kg, mechanized surface stripping where the total stripped area is less than 100 m², or pitting and trenching of a volume of 1 to 3 m³ on unpatented mineral claims or leases require an exploration plan. Exploration permits are required for line cutting where the line width exceeds 1.5 m, for drilling where the weight of the drill exceeds 150 kg, mechanized stripping of an area greater than 100 m² and for pitting and trenching where the total volume of rock is more than 3 m³. Plan and permit applications are submitted to the MENDM for review. The MENDM then posts these on the Environmental Registry for 30 days and circulates them to First Nations communities who have areas of cultural significance. Plans are typically approved within 30 days and permits within 60 days. Plans are valid for two years and permits are valid for three years (<https://www.mndm.gov.on.ca/en/mines-and-minerals/mining-act>).

No exploration plans or permits are generally required for fee simple absolute patents and for areas that are part of a closure plan. All surface rights holders must be notified of the application in advance of the submission. Due to Covid-19, MENDM has recently issued notice that it will allow stakeholders to apply for an extension for issued permits.

Northstar does not currently hold an exploration permit for the Property.

The QP is not aware of any environmental liabilities to which the Property is subject.

Ronacher McKenzie Geoscience is not aware of any other significant factors or risks that may affect the access, title or the right or ability to perform work on the Property.

5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE, AND PHYSIOGRAPHY

5.1 Access

The Property is located in Bryce, Tudhope and Cane townships, District of Timiskaming, Larder Lake Mining Division, NTS 41P/NE. Access to the Property is from Highway 560 from Englehart, which begins at Highway 11, followed by the westerly Bryce #5 Concession to Hills Lake and Sunday Creek in the eastern part of the Property.

Alternatively, the Property is accessible by Highway 65 between Englehart and Elk Lake, which is taken to the North Cane Township #4 concession road to the southern part of the Property. Deeper access into the Property is by 4-wheel drive logging roads or by ATV tracks as shown in Figure 4-2.

5.2 Climate

The Property is located in northeastern Ontario, which has a continental climate influenced by both polar and tropical air masses. In this climate, seasonal temperature variations are represented by short summers and cold winters. The mean daily temperature is 3.9°C, with annual maximum of 37°C and a minimum of -50.2°C. The annual rainfall is about 550 mm and the annual snowfall is 240 cm (<https://weather.gc.ca/> n.d.). Exploration on the Property can be completed year-round.

5.3 Physiography and Vegetation

The topography of the Property consists of moderate to low relief with elevations ranging from 255 to 330 metres above sea level. Most of the Property is wooded. Two small lakes, Heather Lake and Pike Lake are located in the west-central part of the Property. Several small streams occur across the north and east parts of the Property.

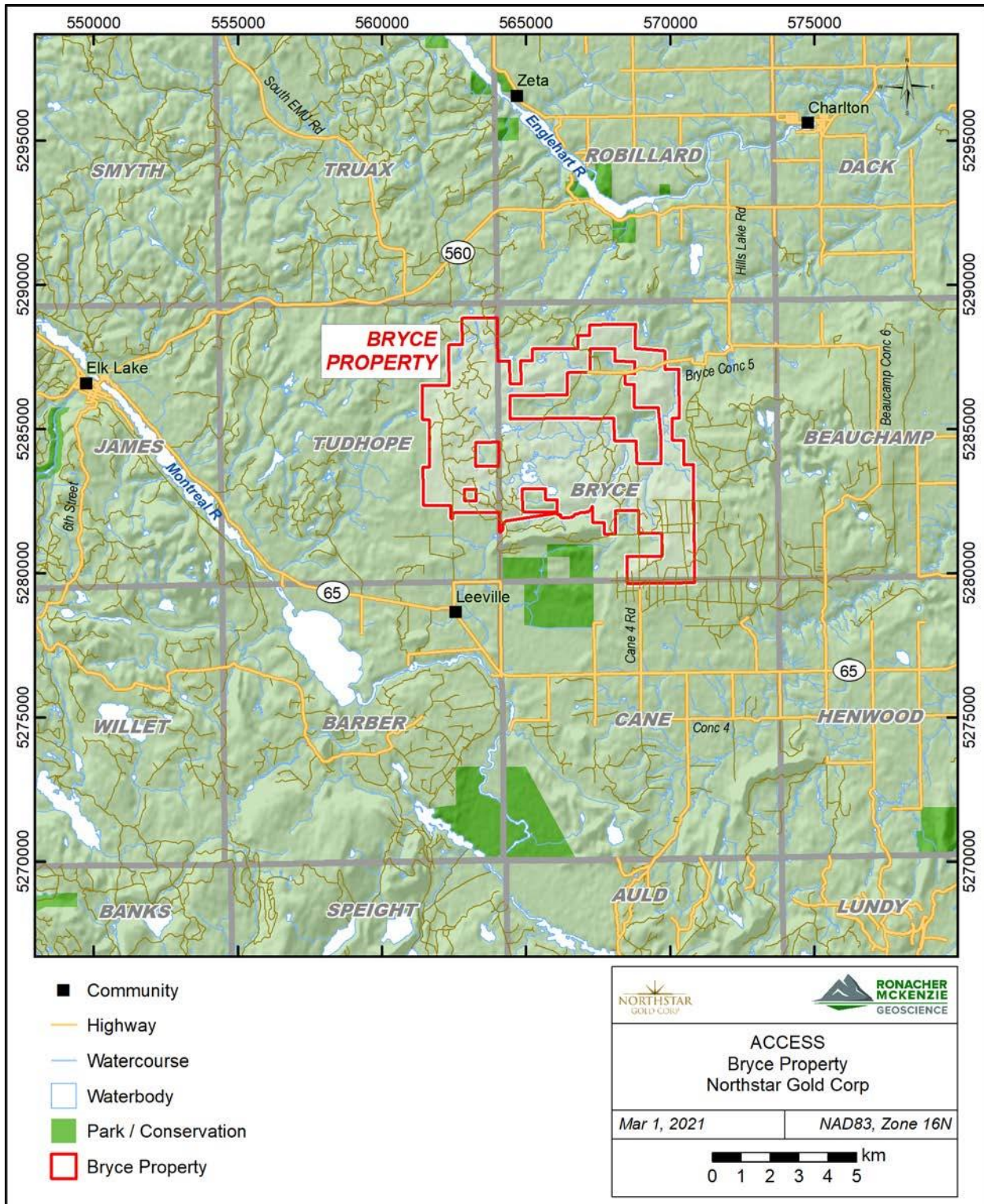


Figure 5-1: Bryce Gold Property access map.

5.4 Infrastructure and Local Resources

The neighboring mining communities of Kirkland Lake (~50 km from the Property), Matachewan (~80 km from the Property) and Timmins (~165 km from the Property) are sources for skilled mining and exploration labour and a wide variety of supplies and services.

Water is readily available from local streams and lakes. Power is available along highways 65 and 560 within 5 km of the Property.

Mining and processing infrastructure exists in the Kirkland Lake and Timmins area. The Young Davidson mine and mill are located approximately 50 km NW of the Property.

The sufficiency of surface rights for mining operations, the availability of mining personnel, potential tailings storage areas, potential waste disposal areas, heap leach pad areas and potential processing plant sites are not relevant to the project at this stage.

6.0 HISTORY

Based upon Lashbrook (1989), the Property was initially prospected for gold in the 1920s and 1940s. The early work identified several gold showings, which were trenched and drilled. The general results were encouraging but no mineral deposits were reported.

In 1978, staking and exploration of Crown lands in the Bryce Township area was halted by the Bear Island Aboriginal Land Caution. The area was re-opened in 1990.

Much of the west side of the Bryce Gold Property has historically been covered by a package of claims held for about 25 years by three partners, John Ewanchuk, James Morris and Fredrick Swanson, both separately and commonly as the named “EMS” Property. In general, the area held by the three partners encompassed the historically prospective area of Heather Lake extending to the northwest of Honeymoon Lake covering northwest Bryce and northeast Tudhope townships as shown on Figure 6-1. Parts of and at times the whole EMS Property had been optioned out and explored by ground geophysical surveys, surface sampling and diamond drilling by multiple exploration companies during periods listed in Table 6-1.

The EMS or one of the partners’ properties have at times included the Briscoe-Bryce venture deposit, shown on Figure 6-2, which had been explored since 1936 and commenced mining in the mid-1960s using a 60-75 ton/day mill for a reported production of approximately 100 tons of mineralized material at average grade of 0.5 to 0.6 oz/t Au (Brereton 1981) subsequently the mill burned down in 1967. A snapshot of the holdings of the partners and EMS Property claims during the early 2000s prior to Northstar acquiring much of the Property area is shown in Figure 6-2.

The Britcanna claims are closely surrounded by the Property and have been explored by multiple mining companies since 1972 including Anaconda Canada, Noranda and Goldfields Canada. Scarce exploration

results have been made available publicly from the surface geochemical and geophysical surveys, and diamond and percussion drilling programs completed on the claims.

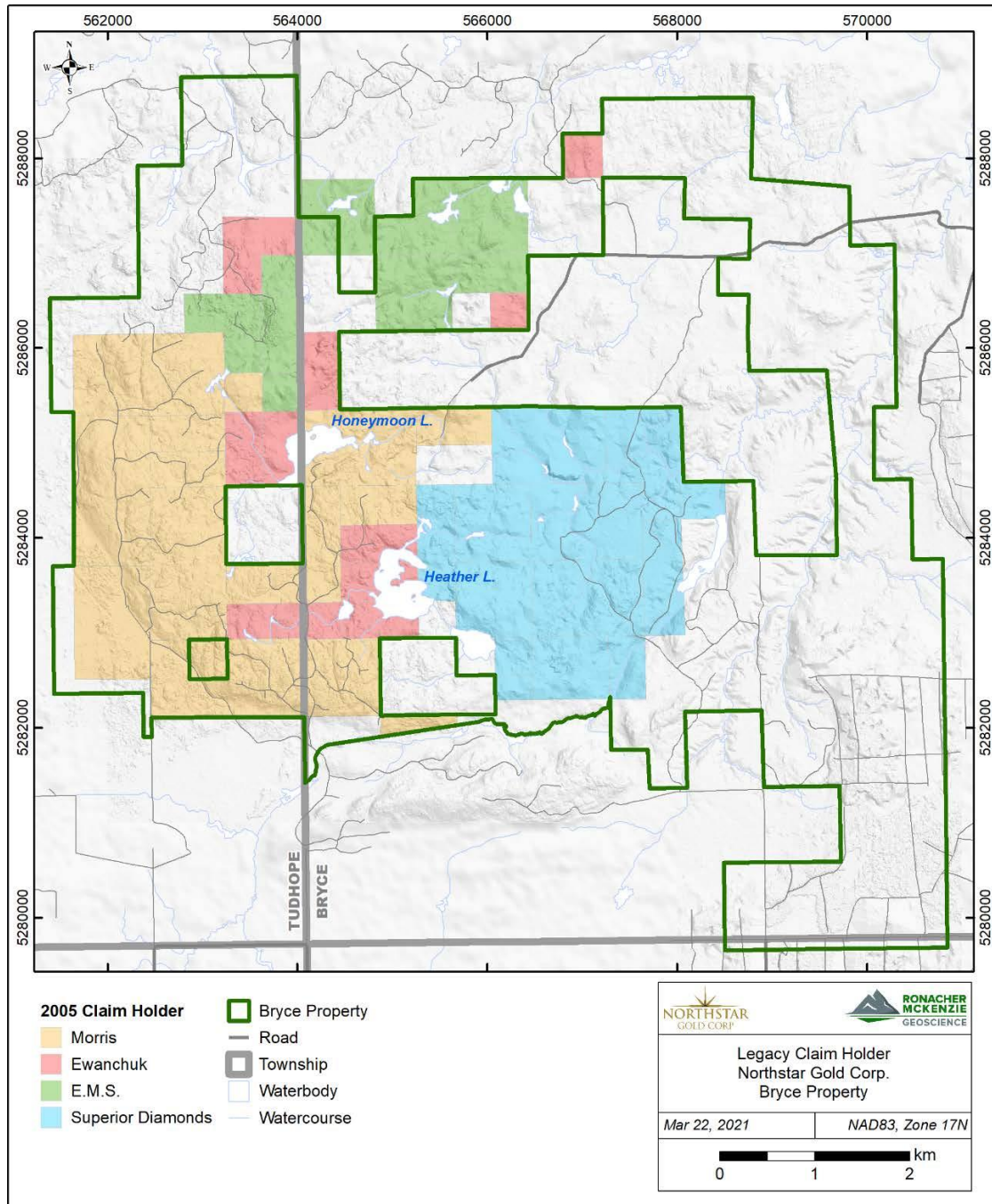


Figure 6-1: Bryce and Tudhope townships historic claim holdings in 2005 (after Beasley, 2006).

In summary, the Property area was explored in a piecemeal intermittent fashion by a multitude of operators for nearly 100 years with no dominant focus or overall project operation. This has hampered mining and exploration progress development, which has been exasperated by the paucity of diamond drilling results filed in assessment files and the tendency for the repetition of some types of exploration survey work such as ground VLF and magnetic surveys generating marginal useful additional information. The majority of the present Bryce Property was consolidated by Northstar between 2008 and 2011.

The history, types and results of exploration are summarized in Table 6-1; the summary draws on review of filed assessment reports to MENDM which are keyed to the authors shown in the table and listed in the References. Those gold and copper values originally reported in ppb and ppm are re-stated in g/t and % respectively to maintain consistency. The location of historic and Company drill holes are shown in Figure 6-2.

Table 6-1: Overview of historic exploration on the Property

Year	Company	Exploration	Results	Author /Operator	Reference	Property Name
1955	Red Lake Mines Ltd.	23 DDHs for 1,052 ft along the Palmer-Vaughn-Estival Break ("PVE")	Best results 1.28 oz/t Au over 1.2 ft.	Lyle Hendericks	41P09NE0100	Claims 21043-45, 21162, subsequently would become EMS Property.
1962	?	Two DDHs for 305 ft	No assays	E. Briscoe	41P09NE0056	East of Honeymoon Lake, Claims 49780, 49781
1962	Mayer Mining Co, Fatima Mines	10 DDHs for 1,830ft	No assays reported	D.K. Burke	41P09NE0099	Briscoe Bryce Property area Mr. 31492-94, 33286
1962	Libby and Associates	23 DDHs for approx. 6,300 ft	No assays reported	G. Decaire	41P09NE0058	Libby Prospect Claims 50989, 51727, 50967 and 53151
1967	-	One DDH 372 ft	No significant values	Harold Walton	41P09NE0363	Claim 58487
1967	Trihope Mining and Expl. Ltd.	Ground EM and mag surveys	EM conductors identified	Jack Willars	41P09NE0072	Claims 45075-45110 Honeymoon Lake and Briscoe Bryce Property area
1967	Trihope Mining and Expl Ltd.	Five DDHs for 1,627 ft	No significant values	E. Briscoe, Jack Willars	41P09NE0069, 41P09NE0108	Briscoe Bryce and parts of later EMS Property, Claims 45074-75, 57938, 57943, 45097
1972	Consolidated Imperial Mines Ltd.	Geological report	Further exploration recommended	Caron, Dufour, Seguin Assoc.	41P09NE0067	Britcanna area Claims

Year	Company	Exploration	Results	Author /Operator	Reference	Property Name
1973	Consol. Boeing Holdings and Resource Ltd.	VLF survey, soil sampling, and two short DDHs for 437 ft	No significant values	Tom Gledhill	41P09NE0068, 41P09NE0399	Briscoe Bryce and parts of the EMS Property Claims 342590 to 97, 342598 - 63
1972-1973	Consolidated Imperial Mines Ltd.	Rock sampling and 11 miles VLF and mag survey	Best chip result 0.24 oz/t over 3.5 ft, numerous conductive features, diamond drilling recommended	Frank Tagliamonte, Tom Gledhill	41P09NE0063, 41P09NE0064	Britcanna Claims
1974	-	3.7 line miles Ground VLF survey	Ground conductive features defined, diamond drilling recommended	Jack Willars	41P09NE0066	373136 to 373138
1974	Decaire Mines	Ground EM survey and 12 rock samples	Best result 1.91 oz/t Au over 0.5ft, conductive bodies defined	D.G. Wahl	41P09NE0065	T-50965 to T-50989, T 53151
1974	Consolidated Imperial Mines Ltd.	Six DDHs for 1,257 ft	No significant Au values	L. Cunningham	41P09NE0055	Britcanna Claims
1975	Rip Van Winkel Syndicate	Geological Report, 7 DDHs for 1,066 ft	No significant Au values	Albert Hopkins	41P09NE0060	Honeymoon Lake and mostly Briscoe- Bryce Property area
1975	-	One DDH 260 ft	No assays	E. Briscoe	41P09NE0053	Claim 342724
1981	Petromet Resources Ltd.	Geological report	No assays reported, additional work recommended	W. Brereton	41P09NE0045	Briscoe Bryce Property area and to the east, Claim Groups A, B, C
1981	Yvanex Developments Ltd.	Two DDHs 680ft	No sig. Au or Ag, minor elevated Cu	H. Tremblay	41P09NE0039, 41P09NE0049	Briscoe-Bryce Property
1981	Anaconda Canada Exploration Ltd.	Geological Report, 19 percussion drill holes about 1'100 ft	No assays reported	Paul Mainwaring	41P09NE0041, 41P09NE0044	Britcanna area Claims
1981	Anaconda Canada Exploration Ltd.	Six DDHs for 910m	No assays reported	Paul Mainwaring	41P09NE0048,	Britcanna area Claims

Year	Company	Exploration	Results	Author /Operator	Reference	Property Name
1981	Yvanex Developments Ltd.	20 line km ground VLF, mag and IP surveys	Multiple NE trending conductive features noted recommended for drilling	W. Brereton MPH Consulting Ltd.	41P09NE0047	Briscoe-Bryce Property
1982	Yvanex Developments Ltd.	13 DDHs in 4,489ft	Eight holes intersected gold, best result 0.41 oz/t over 3.2ft	W. Brereton MPH Consulting Ltd.	41P09NE0046	Briscoe Bryce Property, N.1 Vein Zone
1982	Yvanex Developments Ltd.	Geological Evaluation	Additional work recommended including VLF surveying	W. Brereton	41P09NE0040	Claim 562196 Briscoe- Bryce, N.1 Vein Zone
1984	-	Three DDHs for 760ft	No assays	Cliff Rush	41P09NE8469	Claim 643854
1984	Kapalua Gold Mines Ltd	Mapping, prospecting, 31 rock samples, 1,013 samples of humus, 36 line miles VLF-mag surveying and	Best results from trench sampling up to 0.34 oz/t Au, numerous WSW trending VLF and mag features noted	W. Brereton and N. Willoughby, MPH Consulting	4109NE0038	Honeymoon Lake and Briscoe Bryce Property area
1985	Ontario Geological Survey	Geological mapping Hill Lake area	Tudhope and Bryce townships mapped	G. Johns, W. Hoyle, D. Good	M2501	Hill Lake area
1985	-	5.1 miles of ground mag and VLF surveying	VLF conductive features and low magnetic relief in surveys	James Morris / J. Bankowski	41P09NE0036	Morris Property Claims 800614 to 800617
1985	Kapalua Gold Mines Ltd.	Five IP/ resistivity survey lines	Multiple weak IP anomalies don't coincide with known gold occurrences	Jerry Roth, MPH Consulting	41P09NE0031, 41P09NE0042	Briscoe-Bryce Property
1986	McAdam Resources	Four DDH total 2,110 ft	No significant gold values	-	41P09NE0035	Claims 823067, 823103, 823112
1986	-	15 line km ground VLF Survey	Multiple conductive features noted	Thomas Obradovich	41P09NE0030	Morris Property
1987	Hudson Bay Exp. and Dev. Co. Ltd.	30 overburden samples	Sporadic anomalous gold in till up to 23 grains.	Raymond Davies	41P09NE0029	Heather Lake area claims
1988	Mingold Resources Ltd	79 samples of overburden, plus striping with 65 rock samples from trenches	Sporadic anomalous gold noted up to 51 grains in till, rock samples reported up to 23 g/t Au	Raymond Davies	2.10876 41P09NE0027, 41P09NE0034 and 41P09NE0028	Heather Lake area claims

Year	Company	Exploration	Results	Author /Operator	Reference	Property Name
1988	Mingold Resources Ltd	1 DDH 336 ft	No significant Au intersected	Raymond Davies	41P09NE0032	Heather Lake area claims
1988	Highrock Contracting Ltd.	Evaluation Report	Gold values of up to 0.05 oz/t in shears	Rodney Spooner	41P09NE0024	Claims 1046165-66, 981425, 1012961-62,
1988	Noranda Exploration Co. Ltd.	239 m DDH in three holes	No assays	E. Barr	41P09NE0025	Briscoe-Bryce Property claims 1029732, 572523
1989	Noranda Exploration Co. Ltd.	Prospecting and recon mapping completed	Small 0.2 m auriferous veins noted, no analyses reported	Eric Barr	41P09NE0023	Bryce – Geregthy Option, Britcanna Property Claims
1989	-	Trenching and 54 rocks samples, soil survey, 3.5 km ground VLF survey	Best results 0.229 oz/t Au from trench, weak conductive features defined	R.H Spooner	2.12685 41P09NE0018, 41P09NE0022	1046165-66,
1989	Quillo Resources	38 line km ground VLF and Mag surveys	Multiple conductive features, only minor mag variability	Raymond Lashbrook	41P09NE0021 OM88-6-L-282	Bryce Twp
1989	Mingold Resources	Approx 30 line km VLF, 99 Overburden samples, and 15 DDHs for 4,100 ft	OB samples weakly elevated with conductive features, Erratic results but best values from DDHs 0.28 oz/t Au over 5 ft and 0.12 oz/t over 13 ft.	Raymond Davies	41P09NE0318 OM88-6-C-066	Heather Lake area claims
1990	-	151 soil and 85 outcrop rock samples collected	Best gold results chip 0.32g/t / 1.35m chip and grab 5.3 g/t Au.	Rodney Spooner	2.13431 41P09NE0016	Heather Lake area
1990	-	20.6 km Ground VLF survey, trenching	NW trending fault zone defined from survey, and east trending shears, trenching did not reach bedrock	Rodney Spooner / Gary Dunn / D. Zabudsky	2.13581, 2.13038 41P09NE0015, 41P09NE8467	Heather Lake area, Claims 1012961-962, 1046165-166, 1047203
1990	-	Geological survey and 36 rock samples	Mapped feldspar porphyry dyke noted, Multiple anomalous gold values of up to 1.16 oz/t Au and 0.66% Cu.	Fredrick Swanson	2.13738 41P09NE0014, 41P09NE0088	EMS Property

Year	Company	Exploration	Results	Author /Operator	Reference	Property Name
1990	Goldfields Canadian Mining Ltd.	Prospecting, 107 rock samples and 109 humus soil samples taken	12 grab rock samples >1,000ppb in narrow shears, zone is open along strike.	S. Andrechuk and W. Waychison	2.13617 41P09NE0010	Britcanna area Property
1990	-	Approx. 200 soil samples, trenching, prospecting and sampling	Bedrock not reached in trenching, elevated As (124ppm) and Au (50ppb) values from soil samples	Gary Dunn	63.5681 4109NE0008 (OPAP90-038)	Claims 1046165-66, 1012961-62
1991	Pelangio-Larder Mines Ltd.	Geological Evaluation Reports, 21 rock samples	No analytical results but further work recommended in report	K.H. Darke / R Hodgeson	2.14185, 2.14032 41P09NE0085, 0090	Honeymoon Lake Gold Property
1991	-	Prospecting and mapping, 29 rock samples	No anomalous metal values	E. Korba and H. Hutteri	41P09NE8479	Tudhope township Property, Claims 990958-59, 1181788.
1991	Goldfields Canadian Mining Ltd.	Geology survey	No significant results	S. Andrechuk and C. McLachlan	2.14189 41P09NE0084	Britcanna Property area Claims 1130969, 1145821, 1145856-57
1991	Goldfields Canadian Mining Ltd.	Ground VLF-EM and Mag surveys over 1.2 line miles followed by geological mapping.	Survey and mapping outlined ENE trending structural features	W. Waychison, C. McLachlan	2.14136, 2.14188 41P09NE0080, 0087	Britcanna Property area, Claim 1130968
1991	-	17 line km ground mag and VLF surveys	Mag low feature defines porphyry dyke body. Conductive features noted over gold bearing shear zones.	Frederick Swanson	2.14219, 2.14134 41P09NE0083	EMS Property
1991	Orofino Resources	Nine lines of ground mag, deep pulse EM and IP surveyed	Conductors noted, results were interpreted.	John Grant	2.14059 41P09NE0011	Bryce Twp Property
1992	Destor Resources and Pelangio Larder Mines	Ground EM-16 VLF Survey	Favorable mapped gold horizons defined by survey	J.C. Grant	2.14586 41P09NE0077	Honeymoon Lake area Property
1992	-	Trenching, geology mapping, 108 rock and 102 soil samples, 21	Results from chip rock sampling erratic up to 75.6 g/t Au over 2 ft,	Jim Morris / Bjarne Westin / Frederick Swanson	2.14864, 2.14859, 215136,	EMS Property

Year	Company	Exploration	Results	Author /Operator	Reference	Property Name
		line-km mag and 22 line km ground VLF survey plus eight DDHs for 1,280 ft along PVE Break	VLF survey defined VLF signatures, drilling results up to 5.1 g/t Au and 1.02% Cu over 0.5ft.		41P09NE0020, 41P09NE0119, 41P09NE8478, 41P09NE8480, 41P09NE8510, (OPAP92-642)	
1991 to 1992	-	Outcrop stripping, mapping, and 10 rock samples. 124 Soil samples collected.	Sampling reported up to 0.06 oz/t and 0.49% Cu in quartz veins in pits, no sig. soil anomalies	G.L. Curry / Gary Clayton Dunn	2.14741, 2.14196 41P09NE0074, 0089	990956-57, 1134105
1992	-	Prospecting and 11 rock and 70 soil samples	Anomalous Au, Ag, Cu and Zn values of up to 1.1 g/t Au and 1.6% Cu plus anomalous Au, Ag, Cu assoc. with VLF signatures.	Gary Clayton Dunn	2.14770, 41P09NE0073, 41P09NE0375 (OPAP92-056)	Claims 990957, 1134103-104,
1991 to 1993	-	1.4 line km of ground mag and Max-Min EM survey, prospecting, outcrop stripping and 43 rock samples	No significant conductors, bedrock not reached to test mag low feature. Sampling of shears reported best values up to 0.19 oz/t Au and 0.76% Cu.	Gary Clayton Dunn / Greg Curry	2.14144, 2.15181, 31M13SW0005 41P09NE0076, 078, 118, 41P09NE8500, 41P09NE8501, (OPAP93-021)	Claims 990956-57, 1046165-66, 1134103 - 106
1993	-	16 line km gravity survey plus 130 rock sample survey	Gravity low anomalies noted and recommend for further work, no results from rock samples.	Gerald Gereghy	41P09NE0114	Britcanna Claims area 572512 - 572522
1993	Pelango Larder Mines	13 line km ground mag survey	Gold bearing zone assoc. with mag highs defined	Maxwell Juby	2.14983, 41P09NE8511	Honeymoon Lake Gold Property
1993	Pelango Larder Mines	Bench metallurgical testing for gold one sample	Au recovery 95% by cyanide leach	Tony Chong	41P09NE8502	Unknown source likely Honeymoon Property
1994	Gondor/ Atkins assoc.-	Stripping and 36 rocks samples in program using 1992 Geonex Aerodat survey to target.	Best results in shears and vein 0.064 oz/t Au	Les Gondor	41P16SE0011, 41P16SE0014	EMS Property, 61 claims in Northwest Bryce Property

Year	Company	Exploration	Results	Author /Operator	Reference	Property Name
1994-1995	-	Prospecting, stripping and 29 rock and muck samples taken from old pit plus 5.6km ground mag and VLF survey.	Best results from pit erratic but up to 48 g/t Au plus elevated Cu in grab samples.	John Ewanchuk / Chris Hale	2.16244 31M13SW20014 1P09NE0115 (OPAP 93-275)	EMS Property
1995	Pelangio-Larder Mines Ltd.	8 line km of ground mag and VLF surveys	Weak conductive mag highs and magnetic trends defined	R.J. Meikle	2.15987 41P09NE0091	Honeymoon Lake Gold Property
1995	Arista Resources Inc.	Prospecting and 15 rock samples from stripped outcrop	Best results from rock sampling of pits 0.596 oz/t and 1.412 oz/t Au	Gary Dunn Exploration	2.15986 41P09NE0075	Includes Britcanna Property Claims 1147154, 1223324
1995	Arista Resources Inc.	Compilation Report Bryce, Tudhope, Cane, Beauchamp and Auld Twps, 700 line-km airborne Mag and VLF-EM survey, till sampling, ground mag survey	Anomalous airborne mag and VLF features define QFP in Heather Lake area plus rare earth values from southern Bryce Twp till samples during exploration for kimberlite pipes.	Gary Dunn Exploration Services / Geonex Aerodat	2.15928, 2.15939, 2.15882, 2.15798, 31M13SW2005 41P09NE0037, 41P16SE0008 and 41P09NE0019, 41P16SE0010, (OMIP 94-049)	Bryce and Tudhope Townships area covered
1994	-	Prospecting, stripping, 38 rock samples and 33 soil samples plus ground VLF survey	Up to 51 g/t Au and 0.24% Cu in samples obtained from cleared out historic pits.	John Ewanchuk / Bjarne Westin	2.15386 41P09NE0017 (93-275)	EMS Property
1995	-	Two DDHs 114m, detailed geological mapping	No assays reported, recommended further work.	John Ewanchuk / Christopher Hale	2.16273 41P09NE0043, 41P09NE0120	EMS Property
1994 to 1996	-	32 line km Ground VLF and mag surveys	Weak VLF and low relief mag responses	Gerald Gereghy	2.15550, 2.15967, 2.17198 41P09NE0106, 41P09NE0116, 41P09NE2001, 41P09NE0129	Britcanna area claims 1179388-91, 980370-73
1996	Diamond Rock Resources	11 line km Ground mag and VLF surveys	Mag anomalous results coincident with VLF features including bullseye high.	Gary Dunn Exploration	2.16522, 2.16526, 2.16843 41P09NE0110, 41P09NE0113, 41P09NE0126	Claim 1208657 Heather Lake area

Year	Company	Exploration	Results	Author /Operator	Reference	Property Name
1995	Destor Resources Corp	Blasting and 24 samples from trenches and old pits	Low to erratic gold results of up to 0.35 g/t Au	K. Darke Consultants	41P09NE0112	Honeymoon Lake Property
1996	-	Two DDHs for 531 ft	No significant results	Gerald Gerehty	41P09NE0122	Britcanna area claims 1179388-89
1996	Diamond Rock Resources	10 DDHs for 1,200 ft	Sporadic anomalous Au up to 2.1g/t/2 ft	Chris Hale	41P09NE0127	EMS Property Claims 1147514, 1179097.
1997	Diamond Rock Resources	One DDH 300ft	Highest Au value 0.5 g/t Over 0.2m	Katherine Smuk	2.17321 41P09NE0130	EMS Prop Claim 1185652
1997	Diamond Rock Resources	Geological mapping	Map produced, no samples.	David Carlisle / Chris Hale	2.17368 41P09NE0131	EMS Prop Claims 1118593, 1202652
1997	Diamond Rock Resources	Five DDHs for 2,412 ft	No assays reported, results were stated as encouraging	David Carlisle / John Morgan	2.17415 41P09NE0132	EMS Prop Claim 1198588
1997	Pelangio – Larder Mines Ltd	10 km ground Mag and IP Survey	Numerous IP and mag anomalies outlined	R. Meikie	41P09NE0133	Honeymoon Lake Property
1998	-	2 line km ground mag survey	NE trending structures outlined	Gary Clayton	2.18146 41P09NE2002	Claim 1205867
1998	-	Two DDHs for 107m	Best samples 3.54 and 1.92 g/t Au over unknown width	Frank Puskas	41P09NE2007	Claim 572521
2002	-	4.8 km ground mag survey.	Low magnetic relief	F Swanson	41P09NE2008	EMS Property Claim 1205715
2002	Pelango Mines	15 Rock samples	Best results 24 g/t Au in grab and 0.3m of 8.4 g/t Au	Kevin Filo	2.23269 41P09NE2009,	Honeymoon Lake Property Claims 1131205-06, 1131953-55
2002	-	Mapping, prospecting and 17 rock samples from at old trenches and shaft	Multiple gold values up to 8.2 g/t Au from veins and muck material	U Kretschmar, R. Lashbrook, J Morris	41P09NE2011	Karp Property Claims 980370 to 373 and 982891 to 893, part of EMS Property.

Year	Company	Exploration	Results	Author /Operator	Reference	Property Name
2005 -2006	O'Donnell Millennium Group	Prospecting and 17 samples	Best grab results 9.1 and 26.6 g/t Au from known showings	T. Beesley	2.30546, 2.33087 20001486, 20002744	EMS Property
2006	GoldBay Exploration Inc. / O'Donnell Millennium Group	19 line km Spectral IP/Res Survey, plus ground mag survey	Multiple IP anomalies recommended for follow-up	T. Beesley / Blaine Webster / Meegwich Consultants	2.33142 20002769, 20002770, 20002771	EMS Property
2006	Superior Diamonds Inc.	20 Overburden samples collected	No diamond indicator minerals found	T. Morris	2.31942 20002362	Claim 3017460 Heather Lake area,
2007	GoldBay Exploration Inc. / O'Donnell Millennium Group	Three DDH for 567 m	Erratic with best results 0.55m at 4.5 g/t Au	T. Beasley	2.34658 20003532	EMS Property Claim 3011671
2009	-	5.4 km ground mag and VLF survey	Low magnetic relief, multiple VLF signatures	Robert McCallum	20000873	Claims 4217206, 4225016
2009	-	Three DDH for 148 m	Only six samples assayed with no sig results	Robert McCallum / A. Beecham	2.45789 20006956	Claims 4217206, 4225016
2012	-	One DDH 48m	No sig results	Robert McCallum / A. Beecham	20013865	Claims 4217206, 4225016

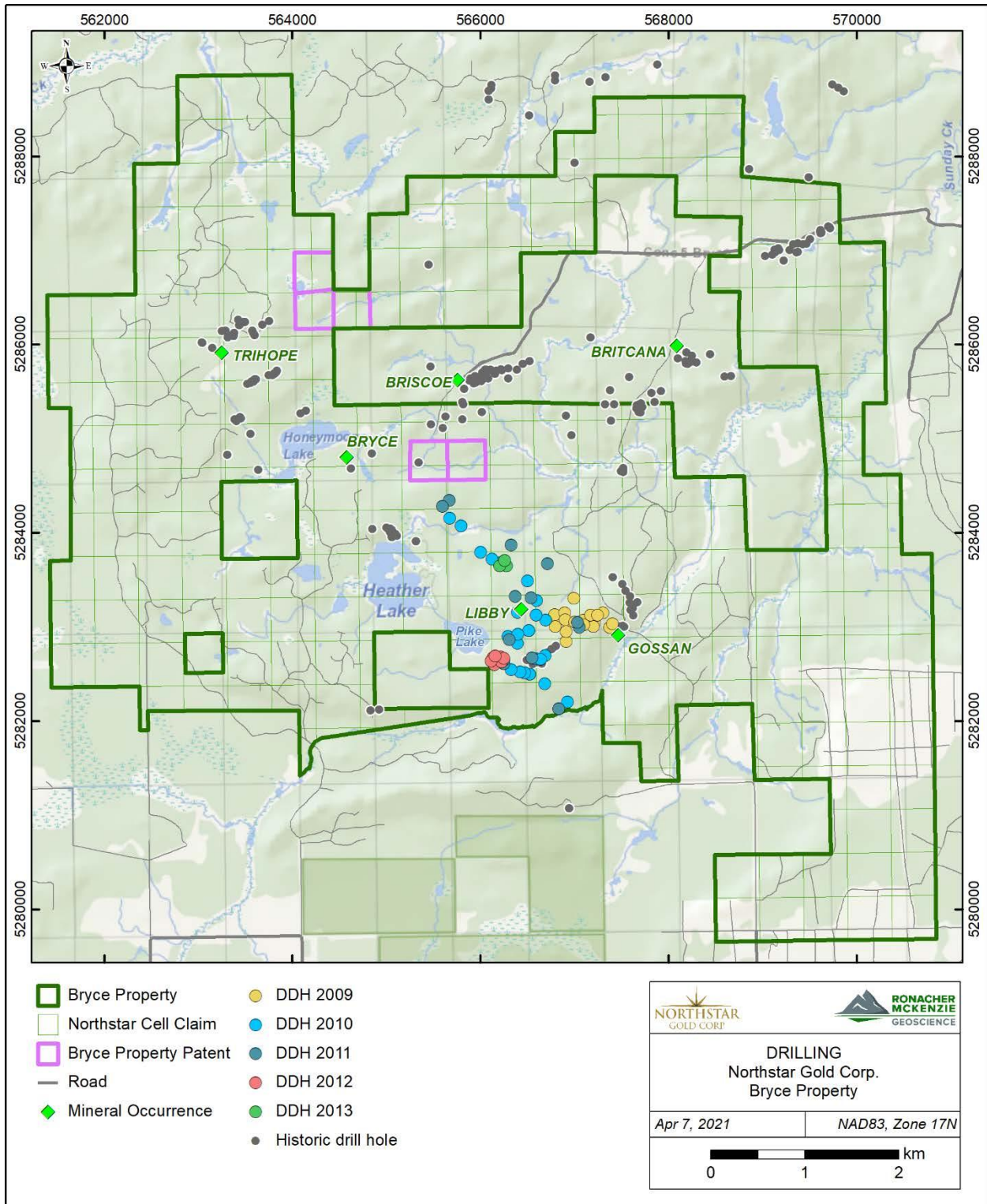


Figure 6-2: Historic and Northstar diamond drilling on the Bryce Gold Property.

7.0 GEOLOGICAL SETTING AND MINERALIZATION

7.1 Regional Geology

The Bryce Gold Property is located within the Archean volcanic sedimentary supracrustal assemblage of rocks at the southern margin of the Abitibi Greenstone Belt.

The rocks on the southern margin of the Abitibi Greenstone Belt are dominated by the metavolcanic rocks in the Hill Lake area found in the Robillard, Bryce, Tudhope, and Beauchamp townships. These metavolcanic rocks are divided into three groups which are from the oldest to the youngest: the Wabewawa Group, the Catherine Group, and the Skead Group. These groups form a southeast-facing homoclinal sequence approximately 11,000 m thick. The Wabewawa Group, composed of interbedded high magnesium tholeiitic basalt, high iron tholeiitic basalt, komatiitic basalt and ultramafic flows, is 1,800 to 3,000 m thick. The Catharine Group is 4,400 m thick, conformably overlies the Wabewawa Group, and consists of high iron tholeiitic basalt (Ayer et al. 2005). The regional geology of the southern Abitibi margin area is shown on Figure 7-1.

7.2 Local Geology

The Property is underlain by Archean supercrustal and intrusive, Huronian Supergroup and Paleoproterozoic rocks. The Archean rocks include felsic to intermediate to mafic metavolcanic rocks. The felsic suite may include rhyolitic, rhyodactic, dacitic and andesitic flows, tuffs and breccias, chert, iron formation, minor metasedimentary and intrusive rocks, and related migmatites. The mafic suite is made up of basaltic and andesitic flows, tuffs and breccias, chert, iron formation, minor metasedimentary and intrusive rocks, related migmatites and include a foliated tonalite to granodiorite suite.

The locally dominant Skead Group, 4480 m thick, is composed of interdigitated to graded, calc-alkalic andesitic to dacitic quartz-feldspar porphyry, pyroclastic breccia, tuff-breccia, lapilli-tuff, lapillistone and tuff and conformably overlies the Catharine basalt. A suite of mafic-intermediate-felsic metavolcanic rocks trend through Bryce Township situated at the southwestern end of a supracrustal arc which extends east and then northerly back to the Kirkland Lake Gold Camp. This group of pyroclastic rocks lies within the vicinity of Bryce Township as described by Johns (1986). A tonalite-granodiorite porphyry body is mapped within the centre of Bryce Township (Ayer et al. 2005).

The Huronian Supergroup rocks consist of the Cobalt Group. Associated rocks may include conglomerate, wacke, arkose, quartz arenite and argillite. The Paleoproterozoic rocks include mafic and related intrusive rocks such as the Nipissing sills, dikes and related granophyre. Local geology of the Bryce and Tudhope townships area is presented in Figure 7-3.

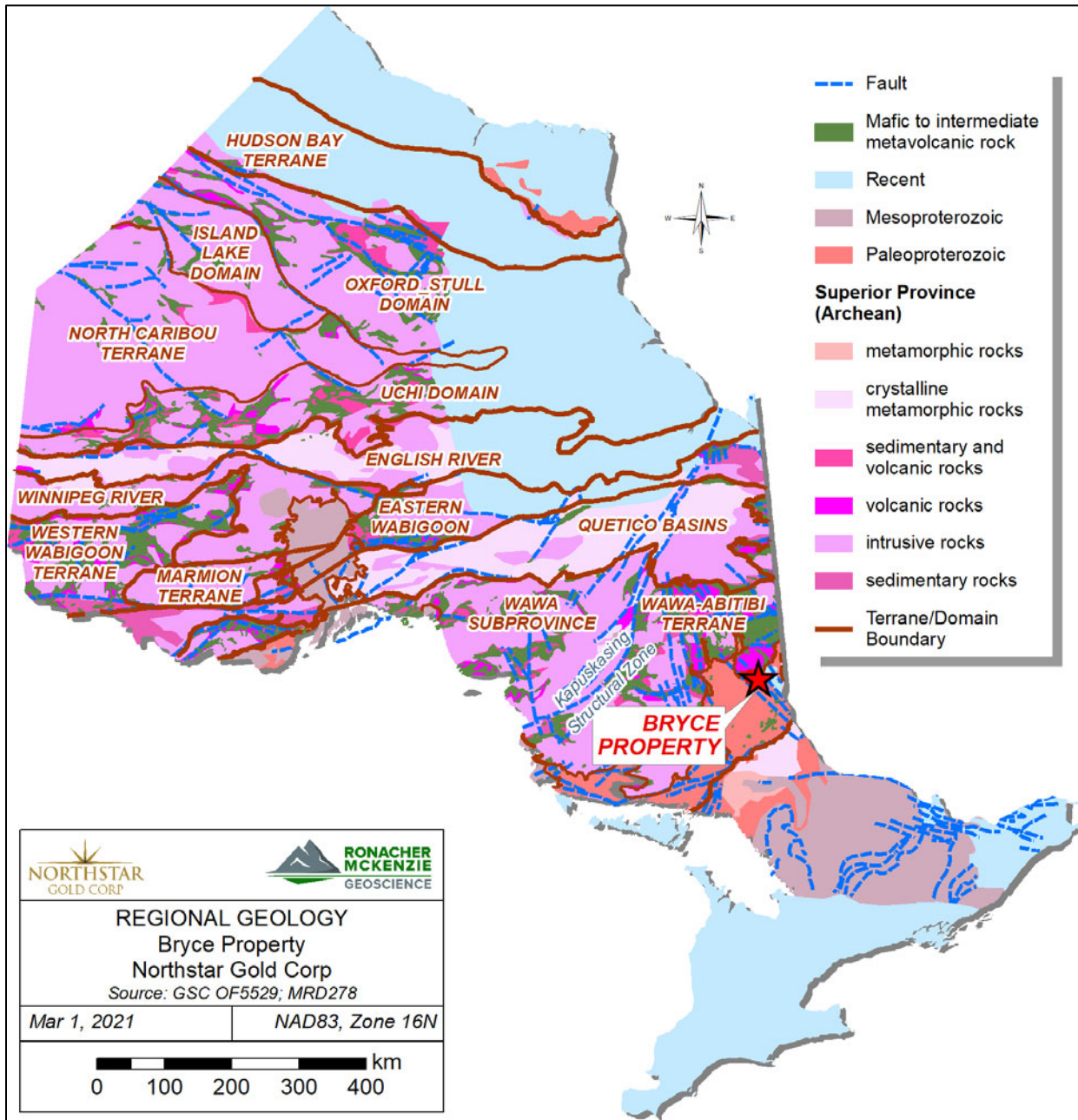


Figure 7-1: Map showing the Superior Province and subprovinces, including southern Abitibi terrain (Stott 2011).

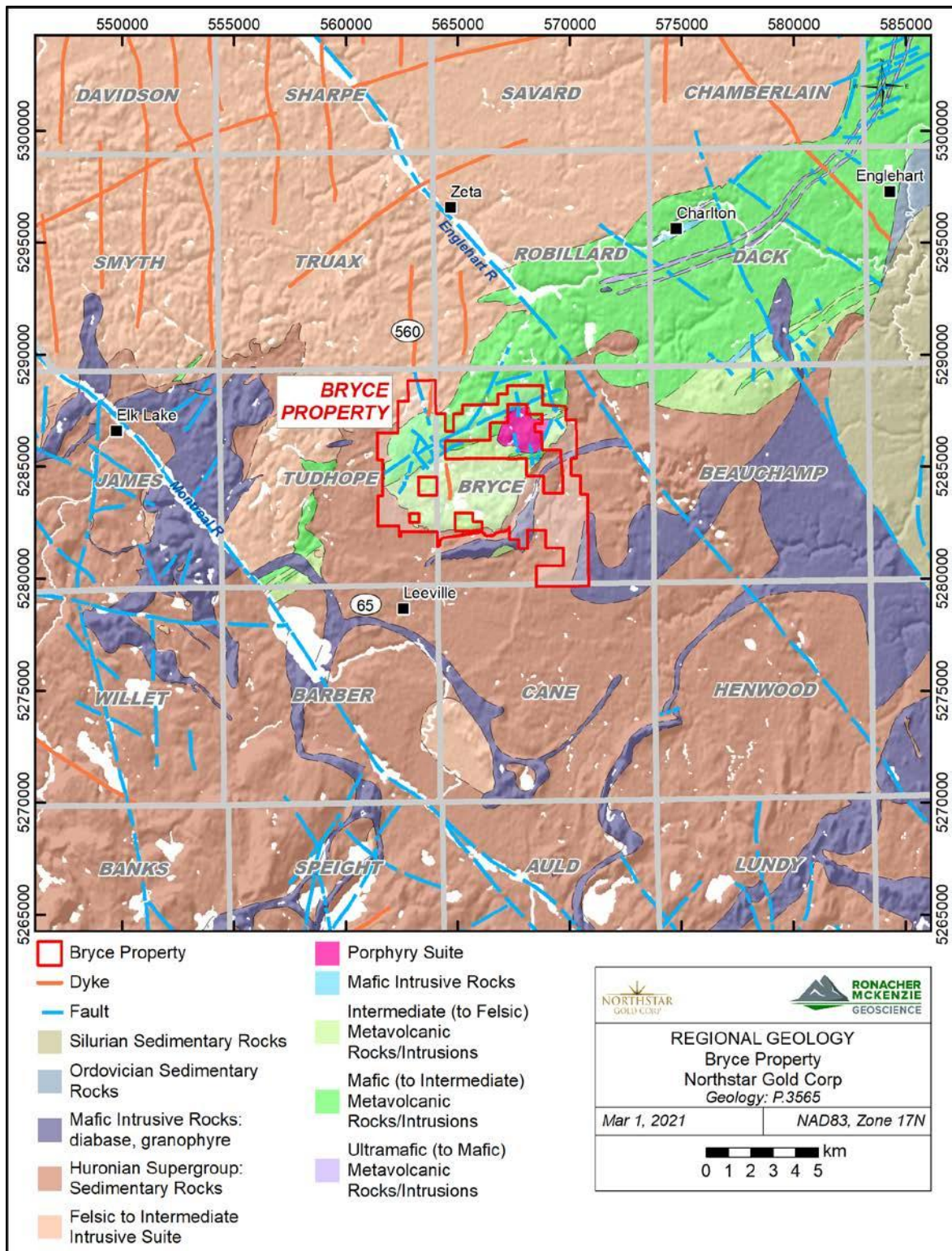


Figure 7-2: Regional geology of the Bryce Gold Property near Englehart, Ontario (after Ayer et al., 2005).

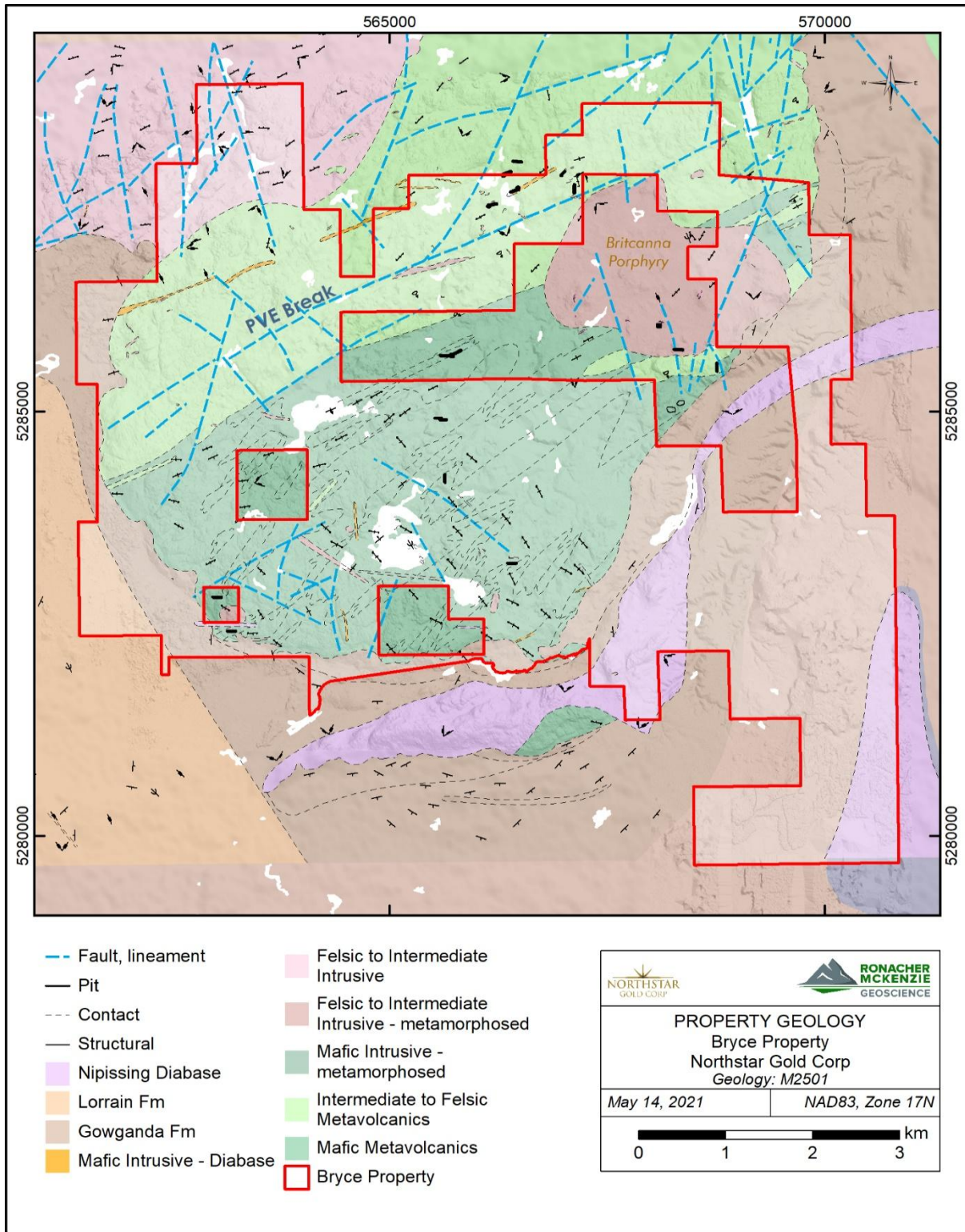


Figure 7-3: Geology of the Hill Lake area including Tudhope and Bryce townships (John 1986).

7.3 Property Geology

The geology of the Sunday Creek and Heather Lake area in the northern part of the Property consists of significant accumulations of steeply-dipping, northwest striking, mafic to intermediate, volcanic or fragmental breccias and debris flows which sequence persistently with roughly layered, thin fine-grained mudstone and intermediate composition sill-like bodies representing a volcanic centre environment. The Britcanna Porphyry, a dacitic feldspar-phyric intrusion, outcrops one km northeasterly of the Heather Lake area and is surrounded by the Property. Johns (1986) indicated that this intrusive body is chemically similar, and possibly genetically related to, the Skead Group. Numerous porphyry dykes intrude the mafic metavolcanic rocks and may be related to the Britcanna Porphyry. The latest Early Precambrian lithology is a metamorphosed diabase unit which occurs as northeast-trending dykes through the metavolcanic package.

The Property is cross-cut by two distinct sets of faults, one is nearly strike-parallel (northeast) named the Palmer-Vaughn-Estival (“PVE”) break extending southwest from the Honeymoon Lake area (Figure 7-3). The fault can be traced for more than 10 km, where it passes under Huronian sedimentary rocks, to the northeast, and where it reaches the major regional Cross Lake Fault. The PVE Break is accompanied by several regularly spaced parallel faults, approximately 800 m apart. Air photo lineaments include topographic lows and strike-parallel steps extending several hundred metres, suggesting underlying structural control of the areas where the outcrop is scarce. Part of the PVE Break has been intruded by Britcanna-related porphyry dykes. The general pattern suggests that the Archaean stratigraphic boundaries have provided weak planes along which early faulting occurred, providing passageways for later intrusions and possibly hydrothermal mineralizing fluids.

A second set of younger faults trending NNW crosses the Property. The Britcanna Porphyry displays evidence of both structural trends, being foliated in a northeast and northwest directions (Johns, 1986). To the south, west and east the Archaean metavolcanic package is unconformably overlain by Proterozoic sedimentary rocks of the Cobalt Group of the Huronian Supergroup. The sedimentary rocks are intruded by sills of Nipissing Diabase, which form topographic highs in the area.

7.4 Mineralization

Gold mineralization appears to be associated primarily with carbonatized sheared rocks, pyroclastic breccias and intrusive porphyries. All northeast-trending shear zones are of economic interest, especially the PVE Break. Known mineralization, such as the Briscoe-Bryce prospect, occurs along the northeast-trending shear zones and consists of disseminated pyrite (sometimes massive) and chalcopyrite in quartz-carbonate stringers. The source of the mineralizing hydrothermal fluids may be altered feldspar porphyry bodies, such as the Britcanna Porphyry, which may have expelled their fluids through proximal northeast-trending structures, as suggested by Johns (1986).

Previous workers have noted that surface gold mineralization on the Property occurs in pyritized shears and quartz-carbonate-sulphide veins and stringers along brecciated contacts between different units, and also within feldspar porphyry intrusive bodies (Gamble 2011).

Feldspar and quartz-feldspar porphyry fragmental rocks occur throughout the Property, commonly cut the supracrustal rocks, and appear to be associated with intense silicification, sericitization and quartz stockwork hosted gold mineralization for which the hydrothermal alteration masks primary lithologies proximal to the zones. Gold mineralization here occurs in multiple stockwork gold-copper bearing zones hosted within highly brecciated, chaotically textured, porphyry bodies or dykes. Disseminated and blebby pyrite and chalcopyrite are associated sulphides, but the presence of copper mineralization appears to be crucial and directly correlative to anomalous gold values.

Carbonate alteration and quartz-carbonate veining, sometimes as ankerite (ferroan dolomite), are found throughout the Property. The ankerite alteration is more intense in the volcanic assemblages in proximity to the feldspar porphyry intrusive small bodies and dykes which pervasively alters the intermediate volcanic to dacitic and rhyodacitic in appearance.

The significant gold showings located within or adjacent to the Property, the first three being in northwest Bryce Township, are listed as follows and shown on Figure 6-2:

- The Britcanna Prospect (also named Britcanna, Petromet and Geregthy) is northeast of Honeymoon Lake and in vicinity of Sunday and Honeymoon Creeks. It consists of 150° striking quartz veins within the Britcanna feldspar porphyry stock with reported assays of 4.11 g/t Au over 0.4 m; 170.4 g/t Au over 1.07 m; and 30.2 g/t Au over 1.5 m. A second showing associated with the Prospect occur in veins trending 070 degrees at the contacts with mafic and intermediate volcanic rocks reporting values up to 5.5 to 24 g/t Au over widths of 0.6 to 0.75 m (Johns 1985). The prospect is closely surrounded by the Property boundary on its northeast side.
- The Briscoe-Bryce Prospect (also named Sylvanite, Windjammer, Geovolco, Noranda, Cominco and Kapalua) near Honeymoon Lake consists of northeast trending shears with quartz carbonate veins hosting pyrite and chalcopyrite. The best mineralization extends 135m long by 0.9 to 1.2 m thick with reported to carry grades from 6.9 to 9.6 g/t Au explored by diamond drilling, trenching and much and chip sampling. Early channel samples report trace to 1.34 oz/t Au over one to five feet. (Gordon et al. 1979). Owsjacki et al. (1988) reviewed the prospect and noted: "The gold occurs in a 1.7 m wide zone consisting of massive pyrite and variable amounts of quartz, carbonate and chalcopyrite". The host rock is an intensely sericitized intermediate to felsic metavolcanic rock. Fuchsite, present in minor quantities, is associated with the pyrite".
- The Libby Prospect (also named Decaire and Gossan), exposed East of Heather Lake around Pike Lake, consists of mineralized quartz carbonate veinlets in a sheet like albite porphyry cutting amygdaloidal basalts and carbonate schist. The best showing extends 250 by 30 feet with reported grab samples of up to 0.32 oz/t Au (Gordon et al. 1979)
- The Trihope Prospect (also named Taylor, Rip Van Winkle, Red Lake Mines, Fatima, and Sylvanite 9999), in Tudhope Township northwest of Honeymoon Lake, is a quartz porphyry dike which is cut by

a northeast trending quartz-carbonate vein and narrow shear zone extending 1,000 feet and less than a foot wide containing massive pyrite and some chalcopyrite reporting up to 3.02 oz/t Au.

The geological controls on the mineralization, and the length, width, depth, and continuity of the mineralization are not known at this stage.

8.0 DEPOSIT TYPES

The multiple gold bearing veins described in the Canadian Shield (and on the Bryce Gold Property) by different workers appear to belong to the category of lode gold occurrences described as “quartz-carbonate vein gold”, typical of 80 % of Canadian producing mines (Poulson, K.H. 1996).

Originally the Archean orogenic lode gold model applied strictly to syn-tectonic vein-type deposits formed at mid-crustal levels in compressional or trans-tensional tectonic settings, but uncertainties in the classification of greenstone hosted gold deposits have given rise to varying interpretations such that a number of different types and ages of deposits exist (Robert et al, 2007) as shown in Figure 8-1).

The host rocks in the Canadian Archean lode gold deposits are dominantly mafic rocks of greenschist to locally lower amphibolite facies, however, may include a wide variety of rock types including mafic and ultramafic volcanic rocks, competent iron-rich differentiated tholeiitic gabbroic sills, granitoid intrusions, porphyry stocks and dykes and clastic sedimentary rocks (Dubé and Gosselin, 2006). The intrusion hosted gold mineralization such as found within the Property are an atypical form of the greenstone-hosted deposits which Robert et al. (2007) defined as deposits with varying styles of mineralization, all showing a close spatial association with high-level porphyry stocks and dykes. These intrusive bodies are commonly of felsic to alkaline composition.

Typical orogenic mineralization carries quartz as the dominant gangue mineral followed by carbonate and generally less than 5% sulphide, commonly in the form of pyrite. Tourmaline, molybdenite, scheelite and tellurium are common minor minerals, whilst silver, and arsenic are also commonly prevalent although on the Bryce Gold Property chalcopyrite is the most common minor mineral tied to the gold content especially when hosted by porphyritic intrusive rocks. Robert et al. (2007) highlighted that prolific greenstone belts can contain gold-only and gold-base metal deposits that do not conform to the typical orogenic model. These include Red Lake, Hemlo, Malartic, Doyon, Fimiston, Wallaby, Kanowna Belle and Boddington, and the Horne and La Ronde gold-rich VMS type deposits (Dubé and Gosselin, 2006). This is evident on the Bryce Gold Property whereupon the gold can also be found associated with intersections of up to semi-massive copper and/or zinc sulphides such found as the Pike Lake Zone.

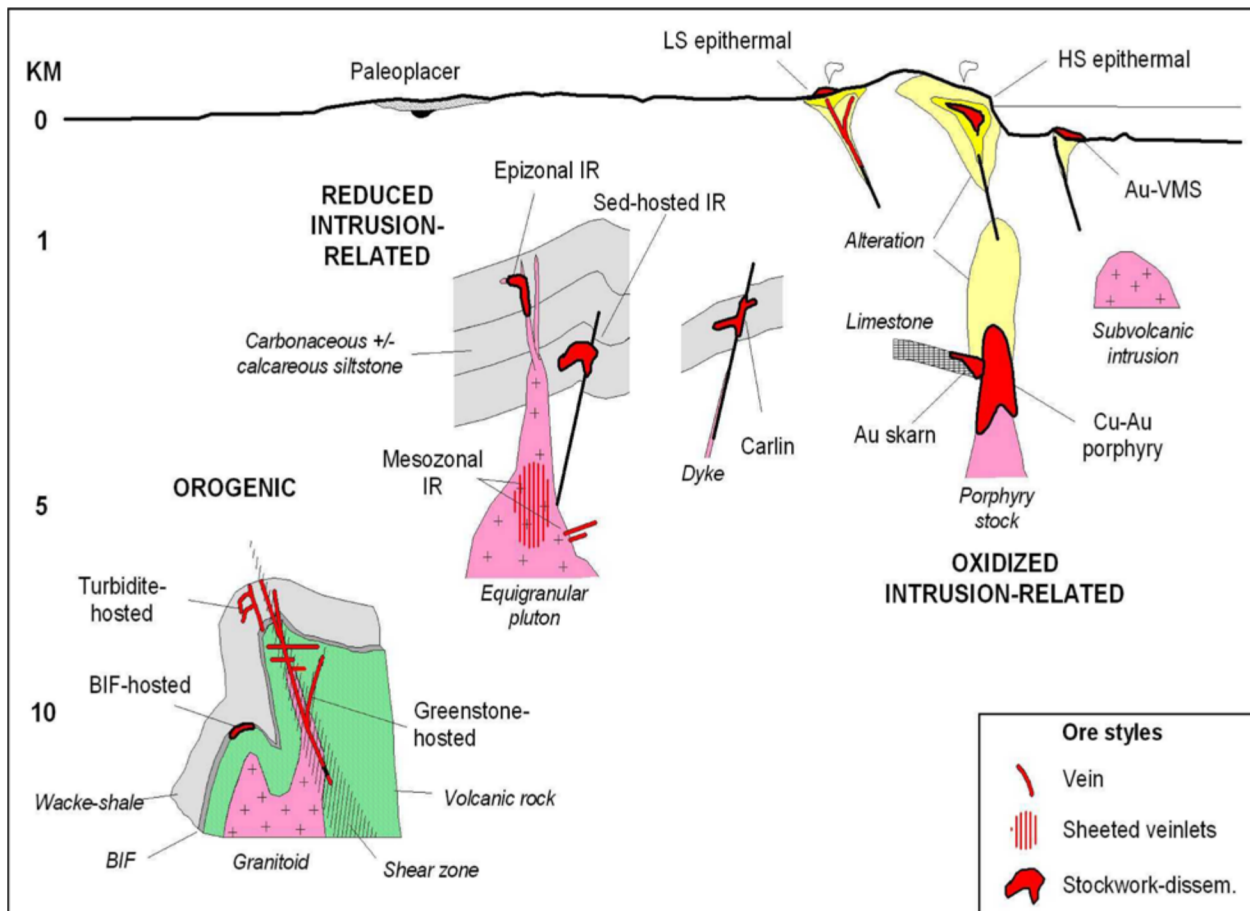


Figure 8-1: Schematic cross-section of the key geological elements of the main gold systems and their crustal emplacement depth (from Robert et al., 2007).

9.0 EXPLORATION

9.1 Grab Sampling: 2008-2017

Between 2008 and 2017 a total of 477 grab samples were collected on the Property by Northstar (Table 9-1) of which 450 were analyzed. Samples were put in plastic sample bags with pre-numbered sample tags. Sample location coordinates and descriptions were recorded. The samples were transported to Swastika Laboratories by Northstar. Samples were collected from mineralized zones on the Property.

Assay certificates only exist for 96 of 450 samples. Remaining assay data were recorded in field notes and could not be verified. Numerous samples returned gold values >5 g/t (Table 9-2).

Table 9-1: Grab samples collected by Northstar between 2008 and 2017.

Year	No of Samples Collected	No of Samples Analyzed
2008	157	155
2009	161	155
2010-2011	152	133
2017	7	7
Total	477	450

Table 9-2: Highlights of the 2008-2017 grabs sampling on the Bryce Gold Property

Year	Sample ID	Easting	Northing	Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)
2009	10597	563288	5286110	83.10	14.8	1.16	
2010-2011	10894	565116	5284963	62.10	6.5	0.21	
2010-2011	10895	565121	5284961	58.59	6.0		
2010-2011	10767	563041	5282801	57.10	57.1		
2009	10590	566526	5282566	31.72	27.7	1.82	
2009	10606	566527	5282580	29.28	24.4	1.56	0.15
2010-2011	10903	563624	5284734	28.80	18.3	0.87	
2009	10608	566527	5282579	28.35	29.8	0.37	
2009	10610	566526	5282574	25.50	11.5	1.30	
2009	10555	565691	5284202	23.80	3.3	0.21	
2009	10611	566527	5282575	23.52	15.1	1.67	
2009	10612	566527	5282576	23.11	21.4	2.09	
2009	10600	563070	5286011	22.63	7.0	0.90	
2009	10591	566526	5282572	22.61	28.3	2.06	
2009	10592	566527	5282573	22.01	11.8	0.41	
2009	10545	565689	5284202	21.88	6.7	0.06	
2009	10604	566527	5282565	21.70	19.9	1.13	
2010-2011	10904	563625	5284733	21.00	8.9		
2010-2011	10770	563034	5282798	20.82	27.9		
2009	10598	563287	5286110	19.55	2.8	0.15	
2009	10576	565724	5284191	19.41	5.4		
2010-2011	10905	563625	5284733	19.33	5.5	0.48	
2008	22558	567192	5283031	19.17	45.7	0.08	
2010-2011	10769	563034	5282798	18.58	26.8		
2009	10556	565693	5284206	17.50	2.1	0.06	
2008	22585	567176	5283041	17.28	38.3	0.02	
2010-2011	10797	564015	5286418	17.26	4.0	0.14	
2009	10569	565698	5284207	16.65	2.5	0.06	
2010-2011	10768	563041	5282798	16.62	14.2		
2009	10638	566489	5282595	15.77	12.3	0.14	0.10
2009	10589	566519	5282582	15.43	11.7	0.71	
2009	10636	566485	5282601	14.85	12.9		
2009	10625	566520	5282569	14.28	8.8	0.52	
2009	10605	566525	5282573	14.25	18.7	1.49	0.22
2008	259451	567174	5283033	14.06	33.8		
2008	22518	567188	5283065	12.48	22.5	0.00	
2009	10641	566347	5282648	12.19	9.0		
2009	10573	565697	5284207	11.87	2.4		
2008	22584	567170	5283031	11.45	26.9	0.01	
2009	10609	566527	5282578	11.45	9.6	0.85	
2010-2011	10771	563034	5282798	11.37	9.1		

Year	Sample ID	Easting	Northing	Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)
2010-2011	10772	563026	5282807	10.91	12.6		
2009	10678	566530	5282570	9.57	13.9	0.98	
2009	10670	566339	5282659	9.50	13.2	0.22	8.05
2009	10585	566479	5282597	9.50	6.1		
2008	22517	567186	5283064	8.74	17.7	0.01	
2010-2011	10687	566691	5282510	8.73	5.8	0.13	1.13
2008	22567	567177	5283033	8.57	16.3	0.01	
2009	10647	566472	5282599	8.30	13.8	0.14	0.06
2009	10657	566531	5282787	8.09	11.0	0.12	
2010-2011	10898	565138	5284972	7.73	1.3		
2009	10553	565690	5284235	7.44	1.5	0.09	
2010-2011	10726	566453	5282845	7.42	5.5	0.06	0.01
2009	10614	566343	5282654	7.34	11.2	0.44	5.39
2009	10602	563062	5286010	7.28	2.8	0.57	
2008	259455	566884	5283107	6.72	70.0		
2009	10632	566481	5282589	6.65	7.9	0.44	2.81
2010-2011	10727	566687	5282511	6.58	4.6	0.66	6.52
2010-2011	10730	566486	5282595	6.34		0.38	1.28
2009	10616	566343	5282654	6.24	11.7	0.55	4.73
2009	10628	566525	5282563	6.05	5.5	0.10	
2009	10588	566475	5282597	5.96	5.0	0.35	2.54
2009	10646	566469	5282601	5.76	22.2	0.15	0.15
2009	10601	563062	5286009	5.65	1.7	0.35	
2009	10637	566354	5282646	5.62	5.7		0.07
2009	10667	566346	5282661	5.38	9.5	1.05	0.45
2009	10665	566352	5282646	5.38	8.5	0.32	
2017	14986	567445	5285470	5.22			
2008	22509	567380	5283094	5.14	4.3	0.21	
2010-2011	10880	564789	5284761	5.13	11.7		
2009	10543	565690	5284233	5.11	1.7	0.06	
2009	10574	565698	5284206	5.09	0.8		
2009	10578	565689	5284207	5.07	2.7	0.06	

9.2 2009 Airborne Geophysics Survey

After Northstar acquired the Bryce Gold Property in 2008, the Company completed a series of airborne and ground geophysical surveys with the objective of assessing the potential for gold mineralization on the Property and to define prospective targets for follow-up exploration.

From January 19th to 26th, 2009, Geotech Ltd. was contracted to complete a heliborne geophysical survey consisting of a versatile time-domain electromagnetic (VTEM) system and a cesium magnetometer over Bryce Township covering the eastern and central part of the Bryce Gold Property. For the survey, approximately 150 line-km of geophysical data along north-south lines were acquired with a line spacing of 50 m over a survey area of 7.5 square km.

The helicopter was maintained at a mean height of 78 meters above the ground with a nominal survey speed of 80 km/hour for the survey. This allowed for a nominal EM sensor terrain clearance was 43 meters and a magnetic sensor clearance of 65 meters. The data recording rates of the data acquisition was 0.1 second for

electromagnetics and magnetometer, 0.2 second for altimeter and GPS. Detailed electromagnetic and magnetic system parameters for the survey are outlined in Acorn et al. 2009. The area of the Bryce Township survey block is shown in Figure 9-1.



Figure 9-1. Airborne geophysical survey flight path for Bryce Gold Property (Acorn et al. 2009).

Based upon the results, most of the area was found to be resistive with only one significant, but weak, conductive anomaly interpreted above threshold based on the late time channel response. It appears to correspond to nearby gold occurrences of Pike Lake but may also be caused by a cabin in the vicinity.

However, the results of the magnetic survey highlighted an interpreted 200 m – 400 m wide deformation zone striking northwest through the central portion of the survey area (Figure 9-2) and encompassing the Sunday Creek Porphyry intrusive. The anomaly which is largely obscured on surface by quaternary glaciolacustrine sediments could represent a first order regional structure such as the eastern extension of the Ridout Break. Sampling within the shear zone confirmed the presence of gold with assay results of up to 2.37 g/t Au.

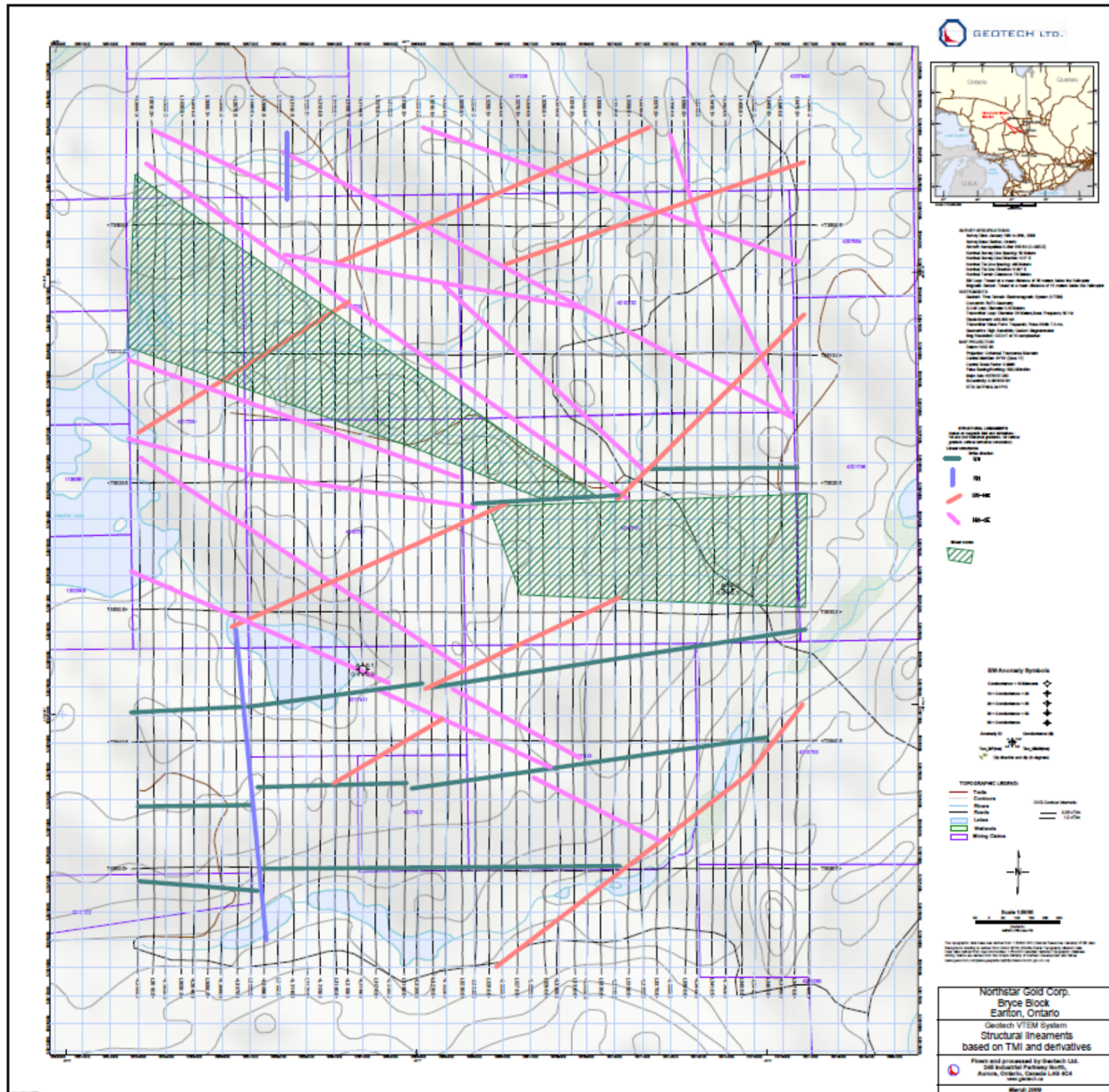


Figure 9-2: Structural lineaments based on TMI and derivatives (Acorn et al. 2009).

9.3 Ground Geophysics Surveys

A series of ground and borehole surveys were completed by Northstar Gold Corp. on the Property between 2008 and 2012 over a 100 metre spaced cut-grid over Bryce Township, northeast of Heather and Pike Lakes, as shown in Figure 9-3 and Figure 9-4. The parameters for the six ground and borehole resistivity and Induced Polarization (IP) surveys are summarized in Table 9-1. The ground magnetic field system used for the surveys was a GEM Systems GSM-19, Proton precession magnetometer with Overhauser effect.

Abitibi Geophysics, at the request of Northstar, completed initial ground magnetic and resistivity / IP surveys in the fall of 2008. A total of 32.1 km of resistivity / IP and 25.1 km of magnetics were completed. The IP surveys were conducted in two parts consisting of 22.1 km using the gradient configuration and 10.0 km using the pole-dipole configuration (Berube 2009).

Abitibi Geophysics completed ground magnetic, IP and hole-to-hole IP surveys over a portion of the Property in the summer of 2009. A total of 18.3 km of IP and 7.6 km of magnetics were completed. The IP surveys were conducted in two parts consisting of 18.3 km using the pole-dipole configuration and 12 combinations of hole-to-hole (Berube 2009).

Abitibi Geophysics completed ground magnetic and IP surveys over a portion of the Property from 23 Nov – 1 Dec 2009. A total of 9.25 km of IP pole-dipole configuration and 5.13 km of magnetics were completed (Berube 2009).

Abitibi Geophysics, at the request of Northstar, completed a hole-to-hole Resistivity / IP survey during the summer of 2010. A total of 29 independent pairs of receiver holes were surveyed (Berube 2010).

Abitibi Geophysics completed a total of 11.05 km of Time Domain Resistivity / IP using the pole-dipole array and another 15 km (with an extra 500 m of overlap on each of the 10 lines) of 3-D Time Domain Resistivity / IP survey using the IPower3D configuration on the Property during the summer of 2011 (Berube 2011).

Finally, in-between drilling programs during the winter of 2013, a borehole EarthProbe IP – Resistivity survey was completed on the Property by Caracle Creek International Consulting. The objective of the survey was to determine the extent and orientation of mineralized intersections in existing boreholes in the Sunday Creek and Pike Lake exploration areas in order to assist with future drill hole targeting. The survey comprised of vertical resistivity and chargeability profiling of 12 boreholes and cross-hole tomographic imaging of 10 borehole pairs within three target areas.

Table 9-3: Summary of ground and borehole IP surveys completed by Northstar Gold on the Bryce Gold Property.

Item	Northstar 2008 IP Surveys	Northstar 2009 IP Surveys	Northstar 2009 IP Survey	Northstar 2010 IP Surveys	Northstar 2011 IP Surveys	Northstar 2013 IP Surveys
Survey type(s)	Pole-dipole IP and gradient IP configuration surveys.	Pole-dipole IP and hole to hole IP surveys.	Pole-dipole IP survey	Hole to hole IP surveys.	Pole-dipole IP and IPower 3-D Time Domain survey	EarthProbe IP hole to hole and surface cross-hole tomographic surveys
Survey date	Nov. 8–Dec. 2, 2008	June 26–Aug. 22, 2009	June 23–Dec 1, 2009	July 16–Aug. 10, 2010	July 12–Aug. 2 2011	February, 2013
Grid	Central Bryce Property	Central Bryce Property	Central Bryce Property	Central Bryce Property	Central Bryce Property	Central Bryce Property
Contractor	Abitibi Geophysics	Abitibi Geophysics	Abitibi Geophysics	Abitibi Geophysics	Abitibi Geophysics	Caracle Creek International Consulting
Survey equipment	GDD Instruments Tx III, 1.8 kW	GDD Instruments Tx III, 1.8 kW	GDD Instruments Tx III, 1.8 kW	GDD Instruments Tx III, 1.8 kW	GDD Instruments Tx III, 1.8 kW	EarthProbe high resolution

Item	Northstar 2008 IP Surveys	Northstar 2009 IP Surveys	Northstar 2009 IP Survey	Northstar 2010 IP Surveys	Northstar 2011 IP Surveys	Northstar 2013 IP Surveys
Spacing	50 m for pole-dipole, MN = 50 m for gradient	50 m for pole-dipole.	50 m for pole-dipole.	-	50 m for pole-dipole.	borehole DCIP system, 800V Electrode spacings 4, 8 and 16m
Separations read	N = 1 to 10 for pole-dipole, AB = 2,750 m for gradient	N = 1 to 10 for pole-dipole.	N = 1 to 10 for pole-dipole.	-	N = 1 to 10 for pole-dipole.	-
Transmitter TX	Bipolar square wave with 50% duty cycle	Bipolar square wave with 50% duty cycle	Bipolar square wave with 50% duty cycle	Bipolar square wave with 50% duty cycle	Bipolar square wave with 50% duty cycle	Full-waveform, 2,048 ms on-time

The mapped locations of the ground survey lines on the Property grid for the different surveys, with compiled IP, resistivity and magnetic results and interpretations up to the fall of 2011, are presented in Figure 9-3. The compiled IPower survey results and interpretations are shown in Figure 9-4.

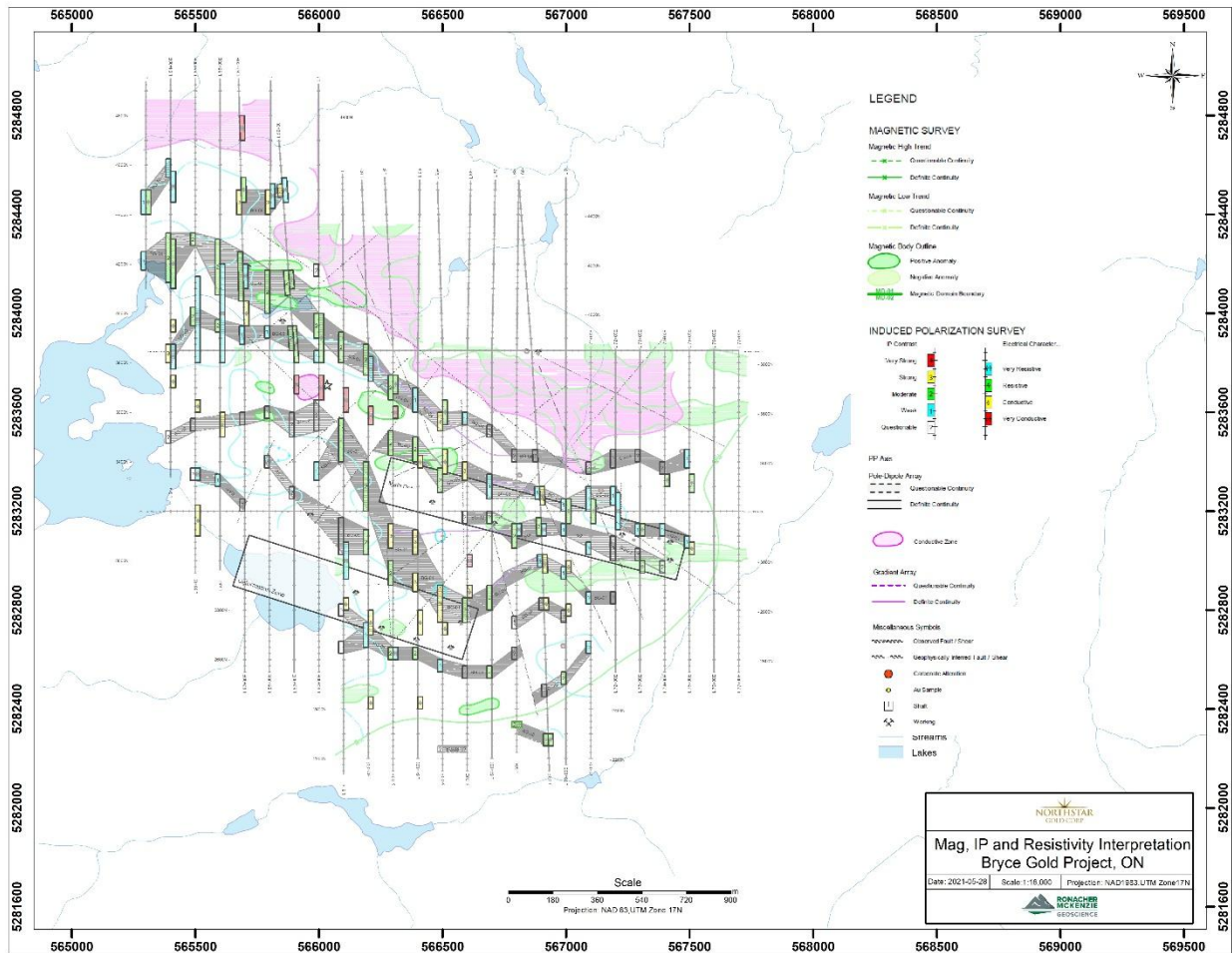


Figure 9-3: Compiled ground IP/Resistivity and magnetics survey outlines, results and interpretations to the fall of 2011 (Berube, 2011).

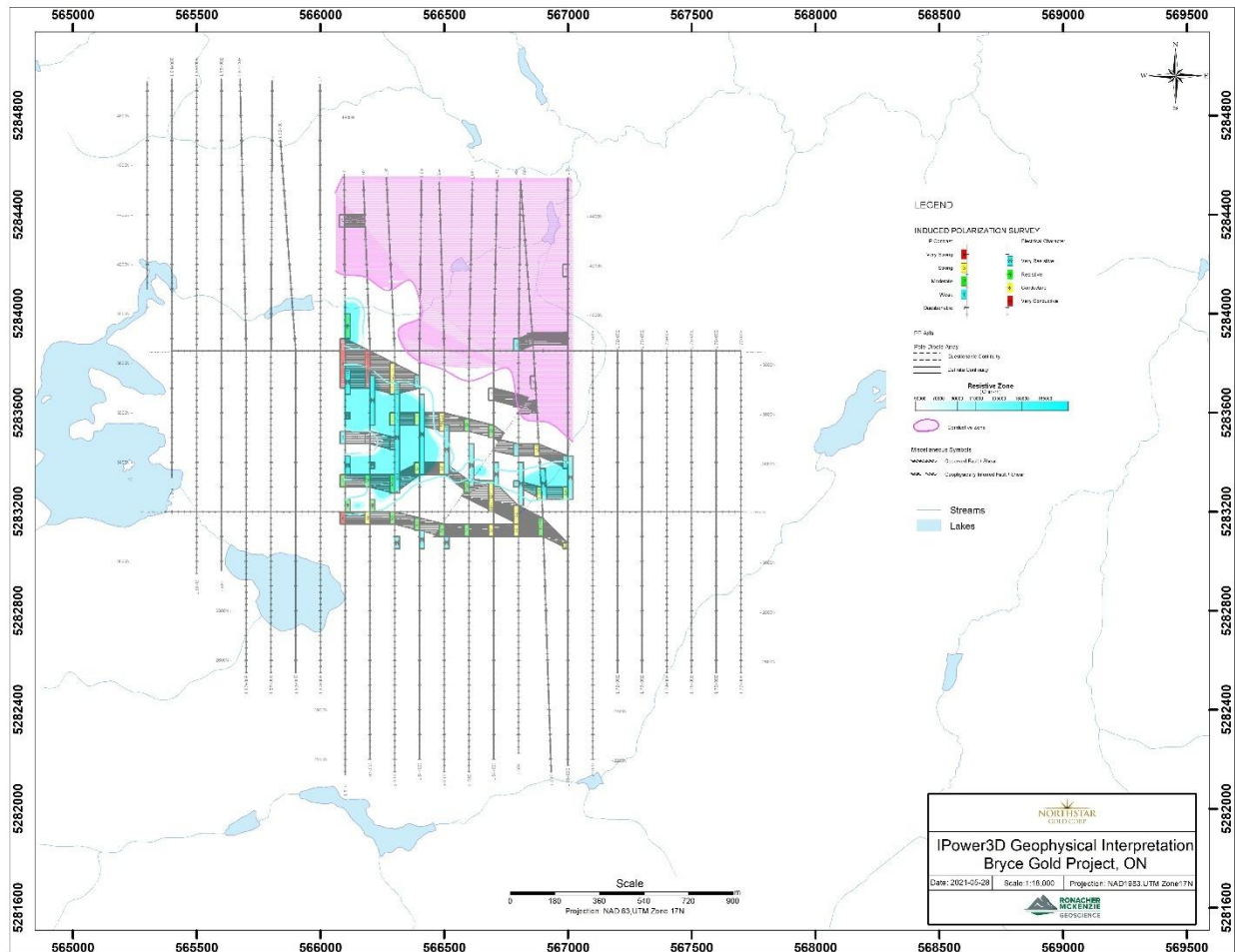


Figure 9-4: Compiled IPower 3-D IP/Resistivity and magnetics surveys outline, results and interpretation (Berube, 2011).

The ground surveys identified multiple northwest trending chargeability and/or resistivity zones and exploration targets consistent with mapped volcanic rocks and porphyry intrusive bodies which were subsequently drill tested in five phases of programs between 2009 and 2013.

The most significant results from the 2013 EarthProbe borehole surveys were from measured hole pairs centered around Hole BG12-65 in the Sunday Creek area, northeast of Heather Lake. The 2D inversion results suggested that one porphyry hosted zone is continuing down dip and towards the southeast while another zone is expanding off-hole with an extensive strike length. In addition, the borehole IP survey identified highly conductive anomalies along strike southeast of Hole BG11-65 as shown in Figure 9-3 (Palich and Qian 2013).

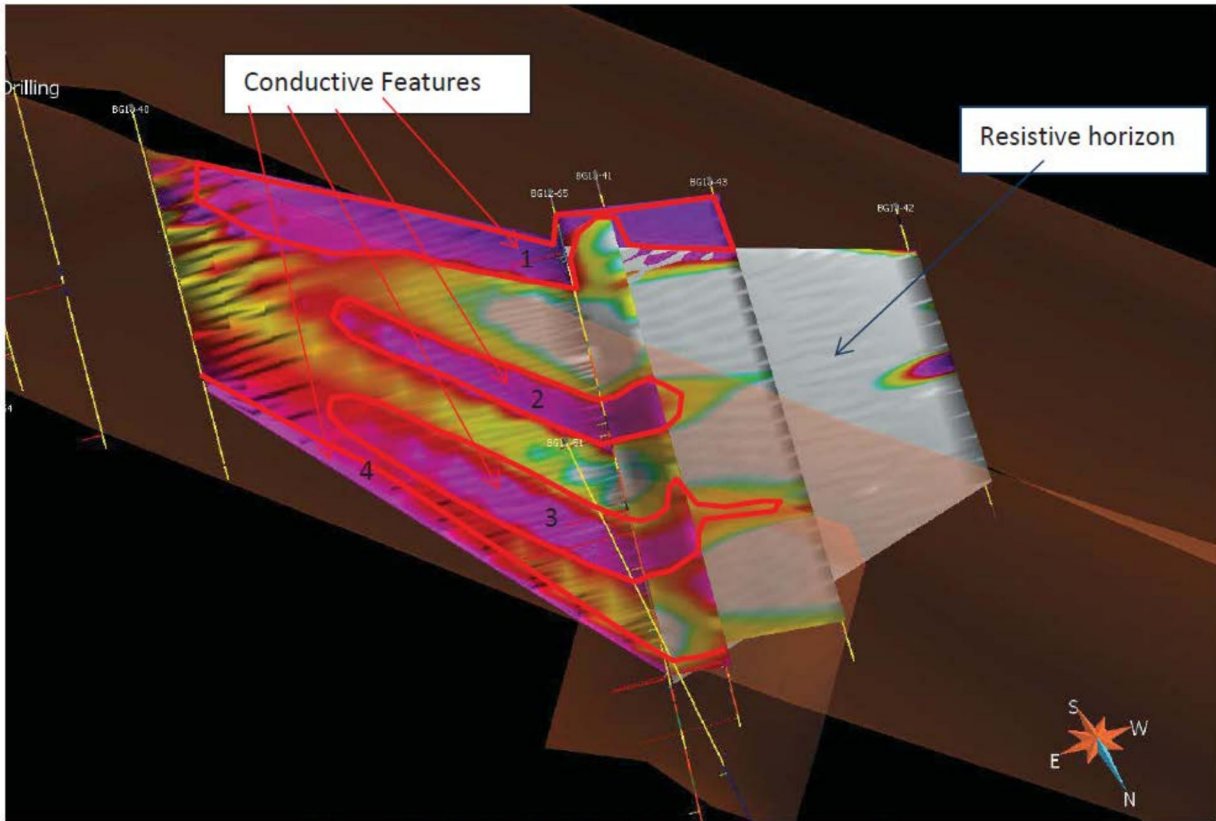


Figure 9-5: Sunday Creek area resistivity/conductivity inversion anomalies based on Earthprobe borehole surveys (Palich and Qian 2013).

9.4 2019 LIDAR Survey

North Star contracted KBM Resources Group to acquire LIDAR and digital imagery over their Bryce Claims Property area near Elk Lake, ON. The survey data was acquired in May 2019 with relative topographic vertical accuracy of 15 cm or better and an aggregate pulse density of 6 pulses / square metre (Mizon 2021).

The LIDAR and photo acquisition specifications were as follows:

Laser scanner manufacturer and model :	Riegl LMS-Q680i
Laser pulse repetition frequency (PRF) :	400 kHz
Laser scan frequency :	152 Hz
Flying height :	628 m above ground level
Max. scan angle :	+/-30o from nadir (60o field of view)
Camera model :	Trimble AIC P65+
Lens focal length :	50 mm
Average ground sample distance :	10 cm
Along track overlap :	60%

Side overlap : 20%

The Property survey area is shown on Figure 9-6.

A structural interpretation of the Lidar and of regional magnetic data was completed. Numerous lineaments could be identified in the northwestern and western part of the Property (Figure 9-7). The southeastern part of the property is characterized by significant overburden that obscured major elevation differences and made the topography as recorded by the Lidar survey not ideal for structural interpretation. In that area, a northeast trending lineament interpreted to be the contact of Nipissing mafic sills and dikes and metasedimentary rocks of the Huronian Supergroup was identified. In addition, two north-northwest trending lineaments in the southern part of the property were identified and interpreted to structures.

In contrast, numerous northeast-, north- and northwest-trending lineaments were observed in the northern and western parts of the property. Major northeast trending structures that cross the entire property and that have been mapped (OGS Map M2501, Johns et al., 1985) are evident on the Lidar DEM, such as the Palmer-Vaughan-Estival ("PVE") break and parallel structures. Lineaments observed at an oblique angle to these major structures are tentatively interpreted to be splays off the main structure.

Numerous smaller scale, north-south trending lineaments were observed in the northernmost part of the Property; these lineaments are interpreted to be local faults.

North-northwest trending lineaments in the western part of the property may be younger or older reactivated structures. The northwest trend is consistent with a regional trends such as the Lake Timiskaming Rift Valley (Lovell and Caine, 1970). The northwesterly trend is also consistent with structures recorded during detailed outcrop mapping in the southeastern part of the property where most of the historic exploration, including drilling and sampling, occurred.

Observations from regional geophysics are interpreted to reflect the underlying geological units and the general northeast trend of the major structures observed on the Lidar DEM and recorded in OGS maps.

Previous interpretations of geophysical data were attempted by Geotech Ltd. and Abitibi Geophysics. The IP surveys completed between 2008 and 2011 delineated several northwest-trending chargeability and resistivity anomalies that are consistent with the trend of porphyry dikes and mineralized historic high-grade samples, however, these trends may be formational (Bérubé, 2011).

Geotech Ltd. completed a structural interpretation of a magnetic and electromagnetic survey (Figure 9-2) in the southeastern part of the Property in 2009 (Geotech, 2009). Geotech tentatively identified a northwest trending feature that was interpreted to be a shear zone. This interpretation is supported by structural observations in drill core and the shear zone was confirmed to be broad and ductile in the field. However, this broad shear zone is not clearly visible on the Lidar image, as overburden in this area obscures the surface expression of the feature which could represent a first order regional structure such as the eastern extension of the Ridout Break.

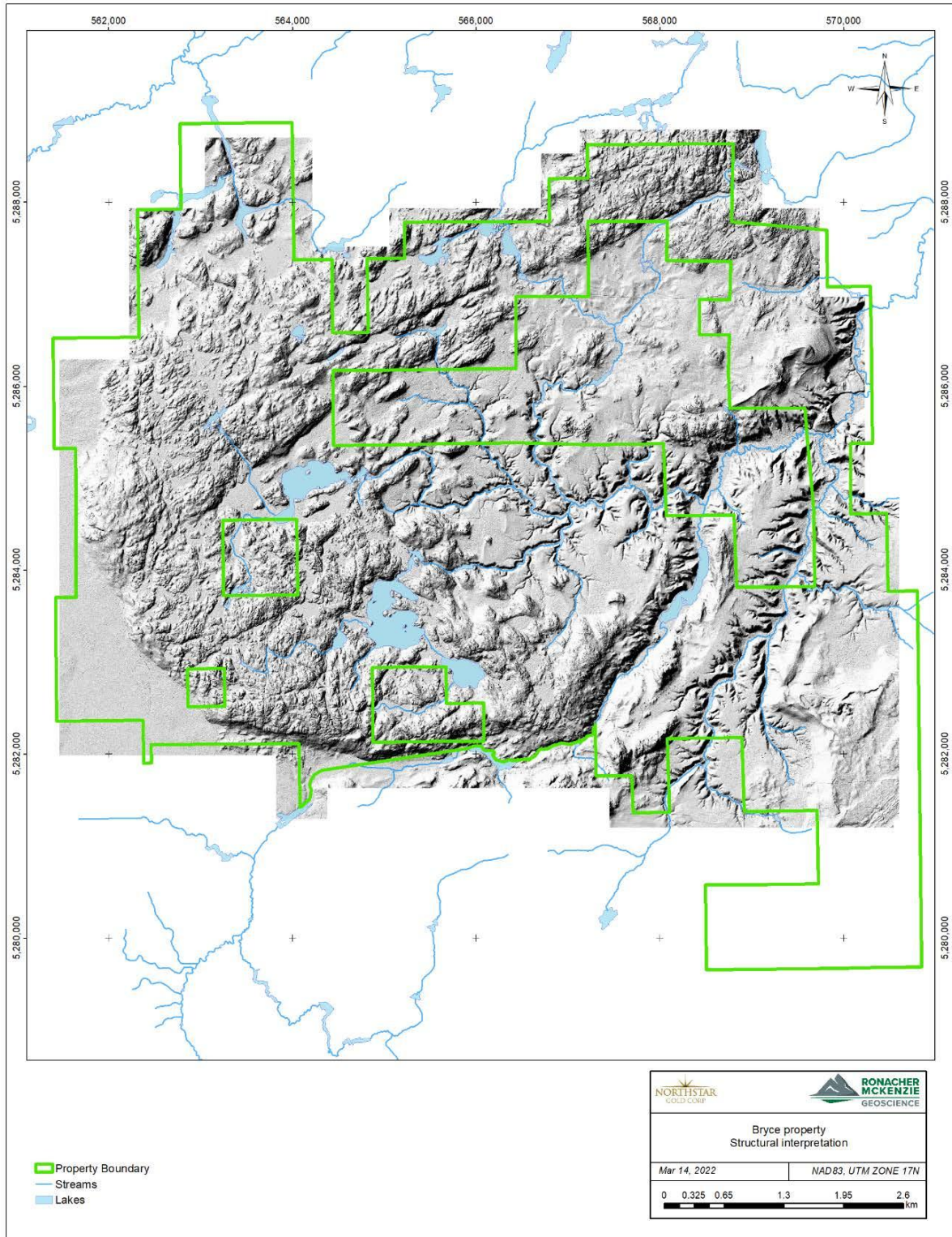


Figure 9-6: Digital elevation model (“DEM”) of the LiDAR survey area over the Bryce Gold Property (Mizon, 2021).

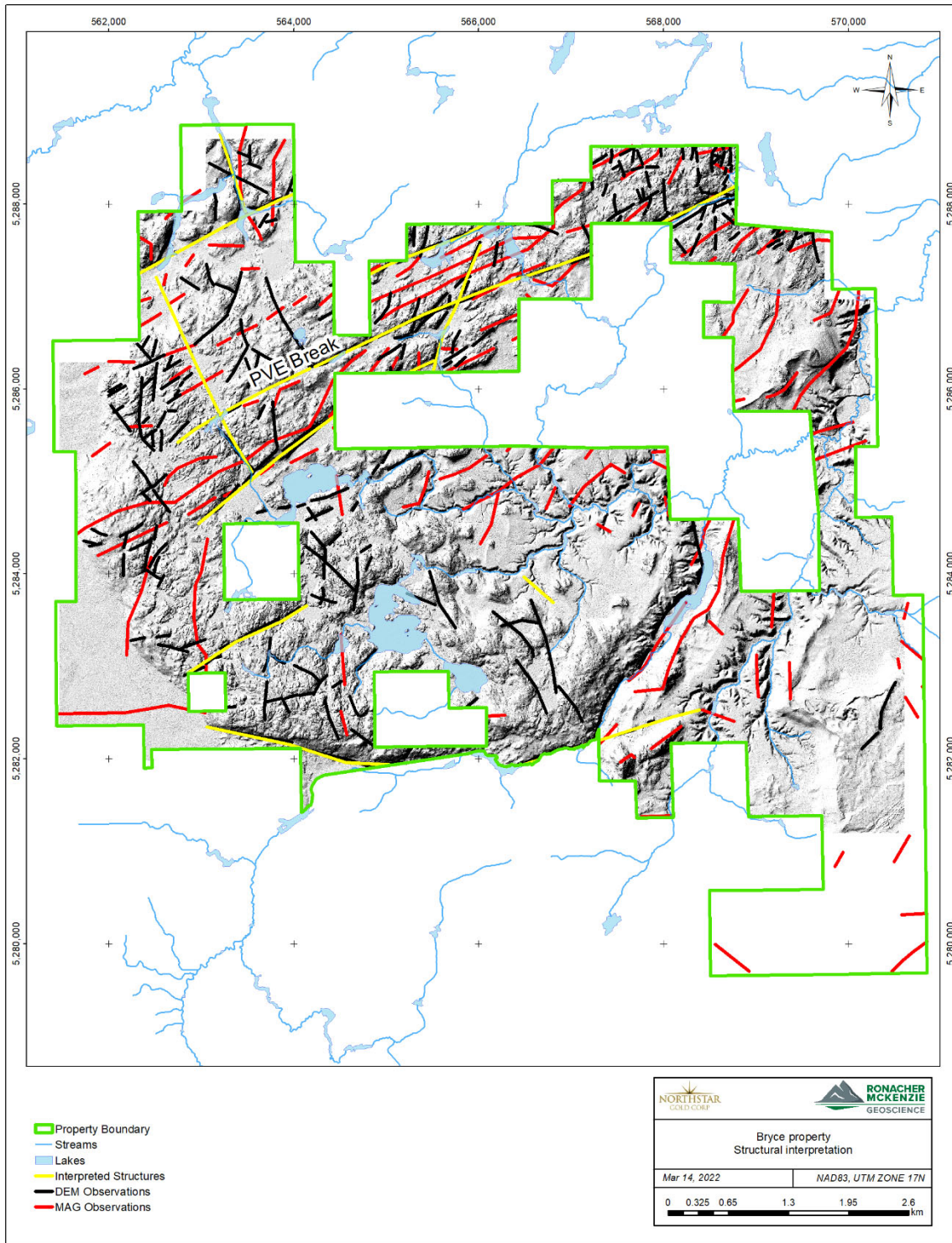


Figure 9-7: Structural interpretation of the LiDAR and regional magnetic data.

9.5 2021 Mapping and Sampling

Northstar completed a geological mapping program on the Property in September and October 2021. The mapping focused on the area between Honeymoon Lake and southeast of Pike Lake. The purpose of the mapping was to better understand the volcanic stratigraphy, to determine the locations of porphyry dikes and to identify shear zones.

Relatively little outcrop exists on the Property, which made interpolating between outcrops difficult. Rock types were recorded as point data and then interpreted to a consistent map. The main rock type is intermediate volcanic rocks that display great variability from massive flows and pillowed flows to hyaloclastites, flow breccias, amygdaloidal flows and tuffs, lapilli tuffs, tuff breccias and pyroclastic breccias. Felsic volcanic rocks (e.g., rhyolite) were not observed during this phase of mapping.

Shear zones were delineated but their full strike length could not be mapped due to lack of outcrop. Feldspar porphyry sills were also observed and are interpreted to be spatially associated with the shear zones.

The map is shown in Figure 9-7.

During the mapping, 300 rock grab samples were collected. The samples were stored in plastic sample bags with pre-numbered sample tags. Sample location coordinates and descriptions were recorded. The sample locations are shown in Figure 9-8. Sample highlights are shown in Table 9-4.

Table 9-4: Highlights of the 2021 sampling on the Property.

Sample ID	Easting	Northing	Au (g/t)	Ag (g/t)	Cu (ppm)
D850057	567328	5283097	16.30	4.35	12.5
D850319	564920	5284689	22.10	0.91	4.8
D850224	567165	5283035	9.35	16.05	6730.0
D850303	564786	5284760	3.93	9.05	5500.0
D850245	567388	5283081	3.34	2.58	235.0
D850093	566519	5282569	3.24	3.26	1075.0
D850277	565694	5284201	2.37	3.64	172.0
D850219	567203	5283034	2.17	0.94	79.4
D850249	566156	5283966	2.00	0.72	49.0
D850002	567496	5283372	1.58	2.10	3020.0
D850092	566511	5282573	1.00	1.26	354.0

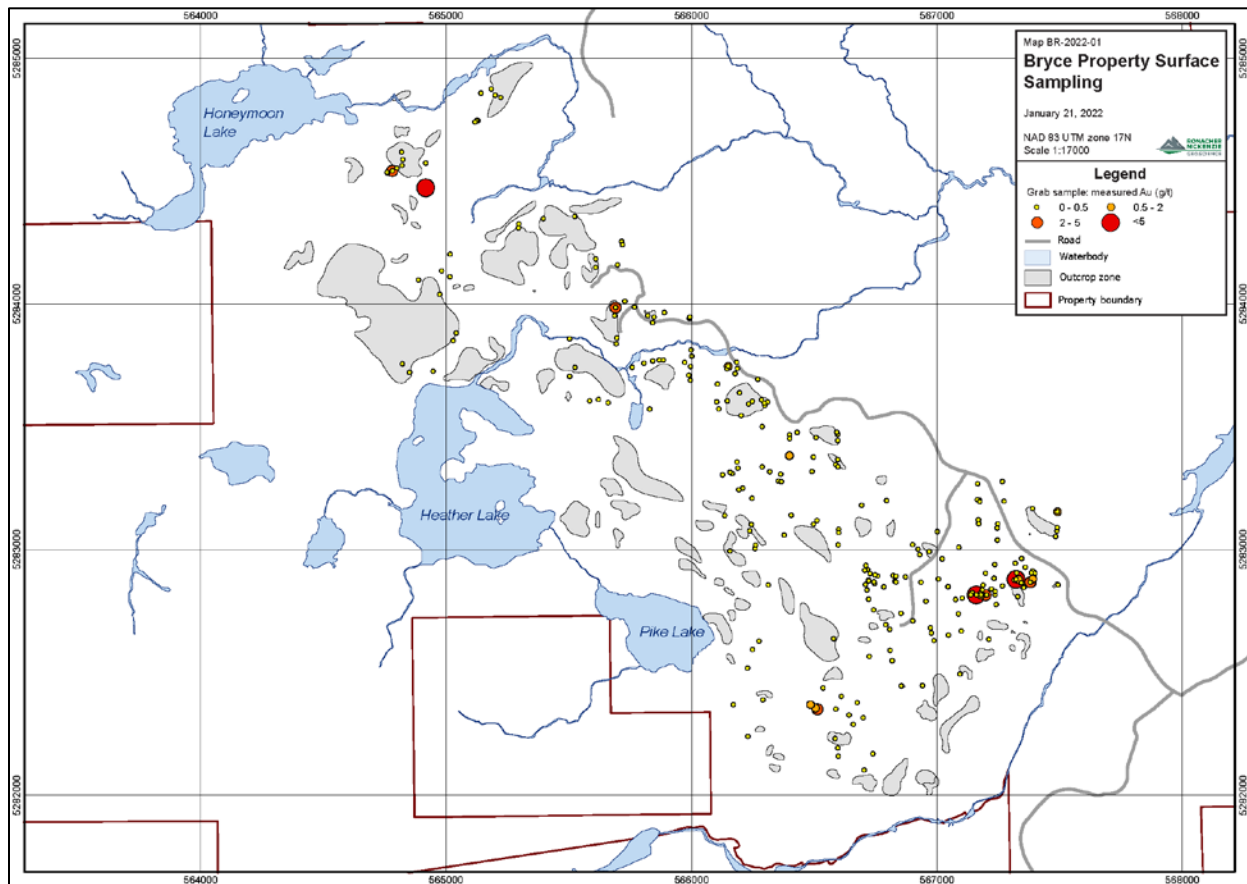


Figure 9-9: Map showing the locations of the grab samples collected in 2021.

10.0 DRILLING

10.1 Introduction

In total since acquisition of the Bryce Gold Property in 2008, Northstar has completed 22,382 metres of diamond drilling in 68 holes over five phases and years. All of the drill programs were conducted under the direction and field supervision of George Pollock, Vice President of Exploration of Northstar Gold Corp.

Northstar completed an initial diamond drill exploration program in 2009. The objectives of the program were to test the areas proximal to and below surface pyrite gold mineralized historical showings, which were coincidental with IP chargeability and/or resistivity anomalous responses that were obtained from the ground geophysical surveys. David Gamble, P.Geol., of Dave Gamble Geoservices Inc., was contracted to provide geological consultation and log the diamond drill holes, produce plan maps and drill sections of the drill holes, and to prepare and submit the assessment work report for the first two phases (Gamble 2010).

For the Phase 1 2009 program, 18 diamond drill holes (BG09-1 to BG09-18) totaling 6,098 meters of NQ core drilling were completed during the period from February 02, 2009 through to April 03, 2009. For the Phase

2 diamond drill program in 2010 a total of 25 diamond drill holes (BG10-19 to BG10-42) totaling 7,032 meters of NQ core drilling were completed during the period from February 02, 2010 through to April 07, 2010.

The Phase 3 diamond drilling program in 2011, consisting of 16 drill holes (BG11-43 to BG11-57) totaling 4,580 meters, was conducted from August 9, 2011 to October 5, 2011. The drill core for the program was supervised and logged by Bryan McKay, P.Geol. This drilling also included the double extension of previous hole BG10-31.

During the 2012 and 2013, the Phase 4 and 5 programs logging and sampling was conducted by Trevor Boyd P.Geol. of Caracle Creek International Consulting Inc (Boyd 2014). The Phase 4 diamond drilling program in 2012 consisted of eight holes (BG12-58 to 65) totaling 3,322 metres. The Phase 5 program in 2013 consisted of three holes (BG13-66 to 68) totaling 1,350 metres. A total of 2,878 core samples were obtained from the two drilling programs. Northstar conducted the Phase 4 drilling program in order to follow-up and define mineralization intersected in the Pike Lake area based upon the results from the 2011 program.

The main purpose of the Phase 5 program was to establish continuity of gold mineralization intercepted in drill hole BG12-65 from the 2012 program. Holes BG12-58 to 64 were collared in the vicinity of the Pike Lake area while Holes BG12-65 to 68 were located approximately 1,000 metres to the north along the NW trend of the Sunday Creek area.

The five drill programs were contracted by Laframboise Drilling Inc.; drilling orientations were measured using a Reflex instrument and core recoveries were greater than 95%. The completed drillholes for Phases 1 to 5 with their locations, lengths and orientations are shown in Table 10-1 and Figure 10-1.

Table 10-1: Bryce Gold Property diamond drill holes completed by Northstar (UTM NAD83 Zone 17N)

Hole ID	Easting	Northing	Elevation (m)	Depth (m)	Azimuth (°)	Dip (°)
BG09-01	566795	5283129	297	302	180	-65
BG09-02	566898	5283148	303	341	180	-65
BG09-03	566916	5282844	314	503	360	-50
BG09-04	566907	5283078	305	362	9	-50
BG09-05	567100	5283074	314	380	200	-60
BG09-06	567176	5283074	314	224	180	-65
BG09-07	567216	5283050	313	356	250	-45
BG09-08	567008	5283052	312	411.5	360	-55
BG09-09	567304	5283150	312	329	183	-60
BG09-10	567379	5282997	289	341	354	-60
BG09-11	567410	5283032	290	116	180	-60
BG09-12	567205	5283004	313	449	258	-45
BG09-13	567105	5283022	315	404	359	-45
BG09-14	566914	5282952	310	506	2	-70
BG09-15	567175	5283124	314	299	175	-65
BG09-16	567250	5283125	313	269	180	-60
BG09-17	566797	5283003	305	263	360	-60

Hole ID	Easting	Northing	Elevation (m)	Depth (m)	Azimuth (°)	Dip (°)
BG09-18	566999	5283305	295	242	179	-50
BG10-19	566698	5283073	309	377	0	-45
BG10-20	566595	5283124	305	416.3	0	-46
BG10-21	566527	5282497	307	216	356	-56
BG10-22	566527	5282497	325	332	356	-50
BG10-23	566398	5282824	323	428	0	-45
BG10-24	566519	5282960	310	107	180	-45
BG10-25	566519	5282960	310	410	180	-50
BG10-26	566298	5282899	321	335	359	-45
BG10-27	566400	5282924	325	149.5	177	-50
BG10-28	566399	5283154	327	158	180	-50
BG10-29	566590	5282661	320	329	358	-46
BG10-30	566694	5282696	303	293	359	-46.7
BG10-31	566643	5282659	314	332	0	-50
BG10-32	566477	5282511	322	149	358	-50
BG10-33	566425	5282520	322	179	358	-51.5
BG10-34	566328	5282547	322	251	358	-38
BG10-35	566688	5282395	313	221	2	-40
BG10-36	566928	5282204	279	167	359	-40.5
BG10-37	566601	5283282	304	368	359	-40.5
BG10-38	565675	5284154	296	191	0	-40
BG10-39	565796	5284073	275	263	357	-40
BG10-40	566503	5283490	311	299	359	-44.3
BG10-41	566205	5283681	308	437	1	-39
BG10-42	566005	5283794	308	239	0	-38
BG10-43	566127	5283720	312	386	360	-40
BG11-44	566838	5282130	292	104	10	-68
BG11-45	566838	5282130	292	371	16	-68
BG11-46	566551	5282671	318	281	0	-50
BG11-47	566252	5282608	338	320	7	-45
BG11-48	566252	5282646	327	245	0	-45
BG11-49	566311	5282866	329	155	190	-50
BG11-50	566372	5283326	331	446	180	-65
BG11-51	566330	5283871	302	344	345	-45
BG11-52	565671	5284344	312	245	0	-45
BG11-53	565598	5284282	311	464	175	-56
BG11-54	566716	5283671	289	282	20	-50
BG11-55	567057	5282994	328	443	0	-53
BG11-56	567034	5283049	313	317	180	-65
BG11-57	566541	5283307	322	416	0	-45
BG12-58	566149	5282600	318	482	32	45
BG12-59	566217	5282681	314	338	33	-45

Hole ID	Easting	Northing	Elevation (m)	Depth (m)	Azimuth (°)	Dip (°)
BG12-60	566226	5282627	316	377	26	-45
BG12-61	566135	5282670	314	419	32	-45
BG12-62	566115	5282638	315	470	30	-45
BG12-63	566250	5282668	315	338	33	45
BG12-64	566161	5282693	313	380.3	33	-46
BG12-65	566242	5283679	294	518	0	-45
BG13-66	566280	5283650	300	429	0	-45
BG13-67	566207	5283650	299	444	0	-49
BG13-68	566261	5283705	308	477	358	-45

10.2 Results

During the first two phases of drilling, multiple short auriferous sulphide-bearing intersections were intersected in the Libby, Decaire, Bogford and Morris occurrences areas, however, erratic results hampered the establishment of continuity in mineralization between the holes.

During the Phase 3 program drill hole BG11-47 returned 2.37 g/t Au and 1.87% Zn over 15.9 m from 289.2 m to 305.1 m including 7.91 g/t Au, 11.18 g/t Ag and 3.77% Zn over 2.4 m from 302.3 m to 304.7 m. The well mineralized interval in BG11-47 intersected altered mafic tuff with scattered seams of chalcopyrite and irregular masses of very fine-grained, grey sphalerite along with disseminated to semi-massive pyrite also contained anomalous Zn and Ag values. The Zn values for this anomalous interval reported 2.9% Zn over 5.6 meters, from 289.2 m to 294.8 m, and 4.1 % Zn over 2.15 meters, from 302.55 m to 304.7 m.

During the Phase 4 program drill hole BG12-65 was collared 40 metres to the east of drill hole BG10-41, which had intersected 23.7 g/t Au over 0.4 metres two metres from the bottom at 430-430.4 m, in order to establish continuity of the mineralization eastwards. The intersection in BG12-65 was found to be thicker and more intense than in BG10-41 and was interpreted to be typical of large scale porphyry gold systems with stockwork type mineralization spread over significant widths. The porphyry hosted zone in BG12-65 was termed the 'Sunday Creek Porphyry'. Sulphide mineralization was encountered throughout the entire length of the 518 metre hole and a total of five auriferous zones were identified from the assay results. The best intersection was from the third downhole zone which graded 2.09 g/t Au over 25.5 metres from 251.5 to 277.0 metres, including 10.30 g/t Au over 2.0 metres from 257 to 259 metres and 26.05 g/t Au over 1.0 metre from 276 to 277 metres, both carrying chalcopyrite. Collectively the core from 197 to 277 metres downhole graded 0.86 g/t Au over 80 metres.

Follow up hole BG13-68 during the Phase 5 program was collared 30 metres northeast of hole BH12-65 and intersected 1.08 g/t Au over 56 metres from 305-361 metres, including 25.13 g/t Au over two metres from 305-307 metres with veins of chalcopyrite grading 0.5% Cu.

All the significant results of the drilling programs are summarized in Table 10-2 with their association with named prospects and targets.

Table 10-2: Northstar diamond drilling significant results.

Hole ID	From (m)	To (m)	Interval (m)	Au (g/t)	Ag (g/t)	Comments
BG09-02	136.65	139.3	2.65	1.03	2.4	Libby - Gossan Prospect area, mineralized
BG09-02	302.4	303.6	1.2	9.57	7.2	stockwork and porphyry dikes along a
BG09-03	209.3	210	0.7	5.23	6.7	500m east-west trend tested in holes
BG09-03	428.6	429.95	1.35	2.51	6.6	BG09-02 to 17.
BG09-04	305.4	305.7	0.3	44.1	11.2	
BG09-04	318.9	319.4	0.5	6.45	1.5	
BG09-04	321	322.15	1.15	18.4	3.3	
BG09-05	343.55	344.3	0.75	8.25	4.4	
BG09-06	46.5	48	1.5	2.09	4.2	
BG09-06	96.95	98.25	1.3	3.45	7.2	
BG09-08	326.75	330.7	3.95	1.91	0.4	
BG09-08	337.5	340.3	2.8	0.86	0.3	
BG09-08	358.25	358.5	0.25	11.6	3.1	
BG09-08	380.3	381.3	1	1.6	0.6	
BG09-09	181.95	184.2	2.25	4.59	6.5	
BG09-09	271.9	272.05	0.15	16.6	13.7	Includes 35.5% Zn, 2.7% Cu
BG09-10	38	40.8	2.8	1.62	3.5	
BG09-13	84.7	85.25	0.55	4.56	2.2	
BG09-14	305.7	307.9	2.2	2.31	7.1	
BG09-15	9.5	10.5	0.5	5.06	2.4	
BG09-15	159.75	162.9	3.15	2.05	6.5	
BG09-15	207.4	209.8	2.4	1.28	3.3	
BG09-15	267.5	268.5	1	5.43	2.8	
BG09-16	66.5	66.8	1.3	1.92	3	
BG09-17	178	181	2	1.48	4.5	
BG09-17	212.75	214	1.25	2.7	2.4	
BG09-18	81.1	82	0.9	2.13	0.6	Morris E. Zone N of Libby-Gossan area
BG10-19	102.4	105	2.6	1.64	5.2	Morris W. Zone, W of Libby - Gossan area
BG10-20	289.35	289.55	0.2	6.41	2.8	Morris W. Zone
BG10-22	97.5	107	9.5	2.46	2.9	Bogford North Zone, E of Pike Lake and
including	105	107	2	8.44	6.3	S of Libby occurrence, includes 0.1% Cu
BG10-23	17.1	18.95	1.85	2.28	3.1	Decaire Porphyry Zone, NE of Pike Lake
BG10-23	290.35	291.2	0.85	3.62	4.1	
BG10-23	295.3	296	0.7	8.56	1.1	
BG10-25	73.5	74.3	0.8	3.48	2.1	Bogford North Zone
BG10-25	369	369.5	0.5	6.18	3.4	
BG10-29	123.7	124.2	0.5	22.8	12.1	Bogford North Zone tested
BG10-29	219	220.7	1.7	4.24	5.6	To the east in holes

Hole ID	From (m)	To (m)	Interval (m)	Au (g/t)	Ag (g/t)	Comments
BG10-29	231	233.9	2.9	1	0.9	BG10-29 to 31
BG10-30	185.55	186.35	0.8	1.46	2.5	
BG10-31	290	291.9	1.9	1.08	1.6	
BG10-31	309.2	310.2	1	2.14	4.8	
BG10-34	240.6	241.6	1	1.18	2	Bogford South Zone, SE of Pike Lake
BG10-36	34.5	35	0.5	5.94	9.2	Includes 2.2% Cu, 1.7% Zn
BG10-36	106.5	108	1.5	1.54	1.2	NW of Libby area
BG10-37	188	189	1	8.73	3.7	NW of Libby area
BG10-37	288.5	289.5	1	1.74	1.3	Includes 0.11% Cu
BG10-37	333	334.35	1.35	1.12	1	
BG10-37	337.5	343	5.5	2.06	2	
BG10-39	168.5	170.15	1.65	1.5	1	
BG10-41	385	390.5	5.5	3.95	1	Discovery of Sunday Creek Porphyry
Including	385	386.5	1.5	12.9	2.7	Zone NW of Libby, includes 0.26% Cu
BG10-41	430	430.4	0.4	23.7	2.4	
BG10-42	165.7	166.45	0.75	1.36	1.5	Sunday Creek Porphyry Zone
BG10-43	73.9	75.25	1.35	3.58	1.2	Sunday Creek Porphyry Zone
BG11-46	159.8	163.6	3.8	2.61	8.9	Bogford North Zone
including	159.8	160.15	0.35	8.07	50.4	
BG11-46	264	265	1	1	1.1	Bogford North Zone
BG11-47	289.2	305.1	16	2.35	3.4	Discovery of Pike Zone, includes 1.8% Zn
including	289.2	294.8	5.6	2.22	2.7	Includes 2.9% Zn
including	293	295.3	2.3	4.56	5.5	
including	302.3	304.7	2.4	7.91	11.2	Includes 4.1% Zn
BG11-50	185.2	186.2	1	4.22	5.1	Bryce intrusive complex
BG11-50	327.7	328.8	1.1	0.86	1.6	mineralized stockwork
BG11-51	296	297	1	1.92	0	
BG11-53	153	154	1	1.75	0.4	North of Heather Lake
BG11-55	110.6	116.5	5.8	1.02	1.3	Libby Prospect area
BG11-55	404	405.35	1.35	0.98	1.1	
BG11-56	152.7	155	2.3	5.93	1	Libby Prospect area
BG11-56	223	230	7	0.6	0.4	
BG11-56	299.4	300.4	1	0.95	0.3	
BG11-57	284.7	285.4	0.7	27.3	5.3	NW of Libby area
BG11-57	336	337	1	1.09	0.7	
BG11-57	404	405	1	4.69	1.1	
BG12-58	387.8	388.3	0.5	2.33	3	Step out on BG11-47 Pike Zone
BG12-59	120	121	1	2.69	1.9	Step out on BG11-47 Pike Zone
BG12-60	161	168	7	1.67	1.8	Test continuity of Pike Lake zone
including	167.5	168	0.5	7.94	8.1	Includes 0.11% Cu and 0.94% Zn
BG12-61	297.7	300.7	3	0.75	1.9	Test continuity of Pike Lake zone
BG12-63	216	217	1	0.66	-	Step-in on BG12-60

Hole ID	From (m)	To (m)	Interval (m)	Au (g/t)	Ag (g/t)	Comments
BG12-64	254	258.5	3.5	0.76	1.23	Step-in on BG12-61
BG12-65	49	57	8	2.27	-	Test continuity of porphyry in BG10-41
including	49	50	1	13	-	named Sunday Creek Zones
BG12-65	197	277	80	0.86	-	
including	197	200	3	4.62	1.4	Includes 0.17% Cu
including	257	277	25.5	2.09	-	
including	276	277	1	26.1	-	Includes 0.09% Cu
BG12-65	389	393	4	3.89	-	
including	392	393	1	13.7	1	Includes 0.09% Cu
BG12-65	498	499	1	2.4	-	
BG12-67	274	283	9	1.24	0.6	Follow-up on BG-12-65, test continuity of
including	274	279	5	2.02	1.2	Sunday Creek
BG13-68	305	361	56	1.08	-	Follow-up on BG-12-65, test continuity of
including	305	307	2	25.1	1.5	Sunday Creek, including 0.5% Cu
including	333	334	1	2.54	0.8	Includes 0.10% Cu
including	360	361	1	4.97	0.2	

The sample lengths in the table do not represent the true thickness of the mineralization. The length, width, depth and continuity of the mineralization are unknown at this stage. There are no known drilling, sampling or recovery factors that could materially impact the accuracy and reliability of the results.

The results of the drilling programs were 3-D digitally modelled using GoCad software with the IP survey results in order to target future exploration, which is discussed in Section 17.

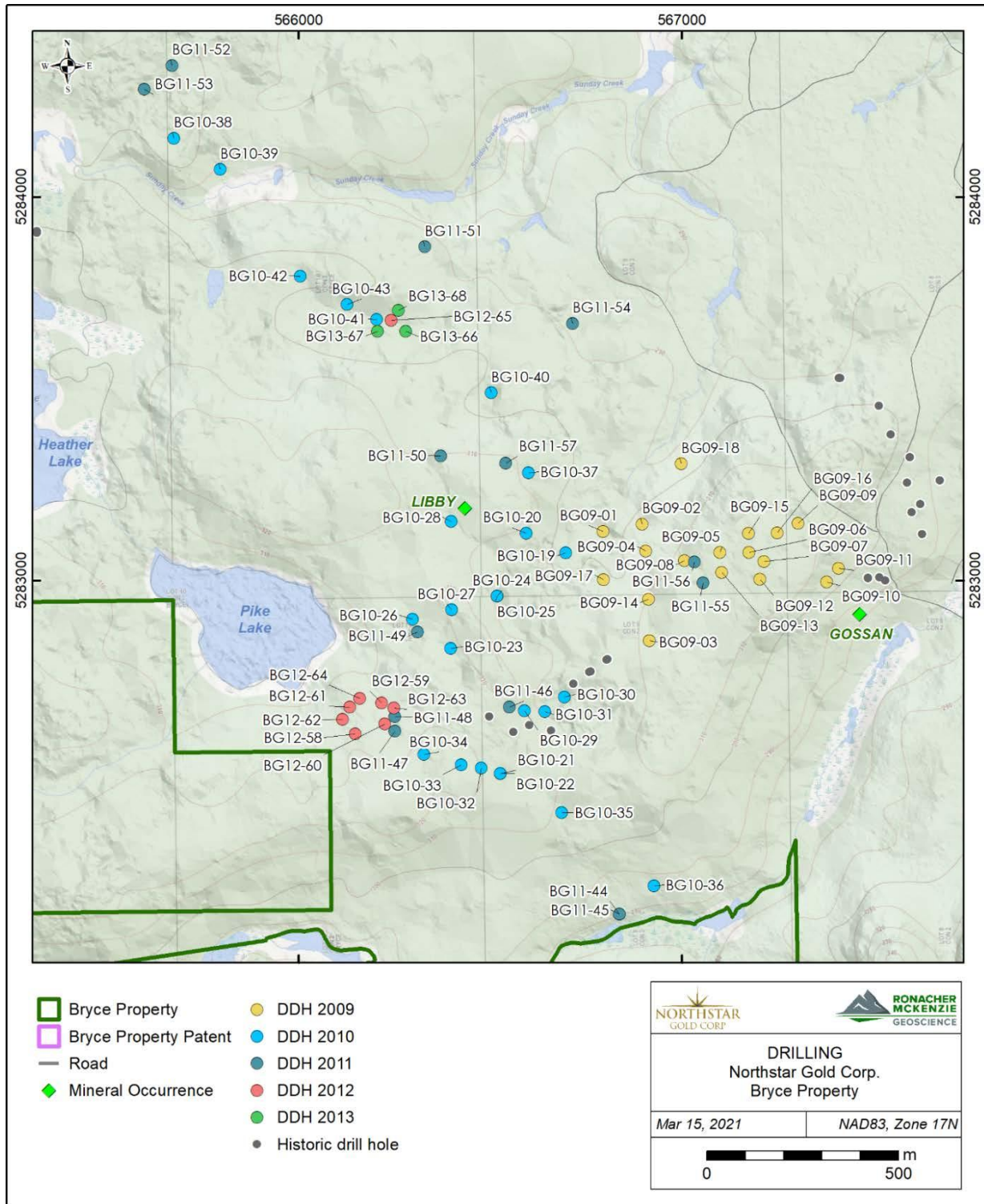


Figure 10-1: Northstar Gold detailed diamond drill hole locations on the Bryce Gold Property.

11.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

11.1 Introduction

For the 2009 and 2010 programs, all of the NQ drill core was delivered twice daily by the drilling crews to Laframboise Drilling Inc. core logging facility. All boxes were verified, measured and labeled with aluminum tags prior to detail logging, quick summary logged when received into the logging facility on a daily basis, and then placed in core racks awaiting detailed logging inside the locked and secure facility. Careful orienting of drill core and continuous detailed logging including some magnetic susceptibility checks of all the drill holes was carried out. All geological information, meterage markings, contacts and angle to core axis measurements and sampling were marked and/or tagged. The 2009 sample set consisted of 3,117 samples and the 2010 sample set consisted of 2,029 samples for a combined total of 5,146 samples.

The samples were logged and cut using a core saw at the Laframboise Drilling Inc. core logging facility. The samples were placed in plastic sample bags with prenumbered sample tags. The individual sample bags were collected in rice bags, which were transported by bonded carrier or by company personnel to arm's length contracted Swastika Laboratories in Swastika, Ontario, for analysis. All diamond drill core for the first two phases after being logged and sampled were then palletized, covered and secured by steel strapping, moved and stored on a secure farm site of one of the directors of Northstar Gold Corp in New Liskeard, Ontario.

For the 2011 Phase 3 program, NQ drill core was logged, with chosen samples cut using a core saw, and stored at Northstar's new own secure core facility in Earlington, Ontario. During the program, 3,218 samples averaging 0.8 meters were sawn and transported by bonded carrier or company personnel for analyses at Swastika Laboratories. The analyzed core represents 51.1% of the total core drilled. An additional 161 gold standard and blank samples of unknown source were also submitted at the rate of one check sample for every 19 core samples. The overall ratio of core samples to external checks is 21:1. A total of 459 samples, with observed sulphide mineralization, were also analyzed for multi-elements at Swastika Laboratories (McKay 2012).

During the 2012 and 2013 Phase 4 and 5 programs, Northstar implemented an industry standard QA/QC program at Northstar's own secure core facility in Earlington, Ontario (Boyd 2014). The NQ core was logged plus 2,500 samples were selected. The core was split in half using a diamond saw, sealed in secure packages, and shipped by either company personnel or bonded carrier to either the Swastika Laboratories facility or arm's length contracted to AGAT Laboratories using their facilities in Sudbury and Mississauga, Ontario for preparation and analysis. Most of the core samples were one metre in length, ranging from 0.4 to 1.5 metres. All of the samples were analyzed for at least gold and silver and 1,671 samples were also analyzed for multi-elements. The analyzed samples represented approximately 61% of the total core drilled. The sampled and logged core remains stored at the Northstar facility in Earlington Ontario.

Swastika Laboratories was not accredited at the time when the analyses were completed. AGAT Laboratories is accredited to ISO/IEC 17025 standards. Northstar is independent of both laboratories.

There are no known drilling, core sampling and recovery factors that may have materially impacted the accuracy and reliability of the results for the five programs.

11.2 Analytical Procedures

Samples from the 2009 and 2010 drill programs were submitted to the arm's length contracted Swastika Laboratories Ltd where they underwent aqua regia digestion followed by assay for gold and silver by fire assay with atomic absorption finish. In addition, pulps from a limited number of selected split core sample intervals were also assayed for 30 element ICP-OES analyses.

According to Gamble (2010), for the reported QA/QC (quality assurance and quality control), a total of 121 Rocklabs gold reference standard were inserted into the 2009 sample stream submitted to Swastika Laboratories Ltd for an approximate ratio of 1 standard for every 26 core samples submitted. A total of 75 Rocklabs gold reference standard samples were inserted into the 2010 sample stream submitted to Swastika Laboratories Ltd for an approximate ratio of 1 standard for every 27 core samples submitted. No base or trace metal standards were submitted during the program. The results of the standards analyses are summarized in Table 11-1 and were found to repeatedly range greater than two standard deviations from the recommended values but were reasonably acceptable for an exploration level program.

Table 11-1: Bryce Gold Property 2009-10 gold standards analyses (after Gamble 2010).

Reference Materials 2009	Au Recommended Values (g/t) \pm 2 Std. Dev.	Number of Analyses (2009-10 program)	Au Mean value (g/t)	Au Median value (g/t)	Au Range (g/t)
SI15 (low grade std.)	1.805 \pm 0.028	5	1.802	1.79	1.76-1.87
SN16 (medium grade std.)	8.376 \pm 0.087	7	8.531	8.50	8.37-8.71
SP17 (high grade std.)	18.13 \pm 0.018	9	18.16	18.24	17.97-18.38
SI42 (low grade std.)	1.761 \pm 0.021	52	1.769	1.78	1.41-1.86
SN38 (medium grade std.)	8.573 \pm 0.061	48	8.543	8.50	7.74-8.92
Reference Materials 2010					
SI42 (low grade std.)	1.761 \pm 0.021	38	1.724	1.74	1.51-1.93
SN50 (medium grade std.)	8.685 \pm 0.062	37	8.453	8.50	7.27-8.85

The core samples from the 2011 drill programs were submitted to Swastika Laboratories Ltd where they underwent aqua regia digestion followed by assay for gold and silver by fire assay with atomic absorption finish. In addition, pulps from a limited number of selected split core sample intervals were also assayed for 30 element by aqua regia digestion and ICP-OAS analyses. Swastika Laboratories was an ISO/IEC 17025 accredited facility during the period of analyses.

According to McKay (2012), a total of three different Au grade standards were used throughout the 2011 program and the standards analytical results were tabulated and plotted. The plots showed that multiple standards ranged widely outside two standard deviations of variance as shown in Table 11-2 based upon the reported results. The standard analyses repeatedly failed including one standard reporting no significant gold present with no explanation and no follow-up at the time. It was uncertain whether this was due to the quality of the standards for which there appeared to be no reporting of their accreditation or due to a failure of the gold analyses at Swastika Laboratories. This was a significant and material failure.

Subsequent to the initial analyses, a total of 147 samples were selected for submission to an outside lab as external checks for which the results are unknown. There was no information reported with respect to the submission and analyses of the blanks. No base or trace metal standards were submitted during the program.

Table 11-2: Bryce Gold Property 2011 program gold standards analysis (after McKay 2012)

Reference Material	Au Reported Recommended Values (g/t) \pm 2 Std. Dev.	Number of Analyses (2011 program)	Au Mean value (g/t)	Au Range (g/t)
GS-04 (low grade std.)	1.889 \pm 0.114	44	2.124	1.79-3.92
HG-S1 (medium grade std.)	2.784 \pm 0.450	25	2.859	2.74-3.03
HG-S3 (high grade std.)	4.009 \pm 0.500	57	3.841	0.01–4.11

For the 2012 Phase 4 and 2013 Phase 5 programs, after preparation at the AGAT facility in Sudbury nearly all the samples were analyzed at the AGAT Laboratories facility in Mississauga, Ontario, with some samples still analyzed similarly as in 2011 at the Swastika facility. For the AGAT facility, the prepared sample pulps were analyzed by fire assay for gold with either AAS or ICP Finish and by 45 multi-element analysis with Aqua Regia Digest and ICP-OAS and ICP-MS method finishes.

According to Boyd (2014), a total of 244 gold standard samples and coarse quartz blanks were submitted at a rate of one standard for every 20 samples and one blank for 21 samples. As a response to the failure of the standards analyses from the 2011 program, a total of three new accredited CDN Resource Laboratories gold standards were used throughout this program. In addition, 21 samples of the Accurassay Assay Laboratory unaccredited gold standards used for the monitoring in the 2011 drill program, were also re-submitted for this program as part of their review in order to independently check their quality. The list of the gold standards and their analytical results plus quartz blanks analyses are summarized in Table 11-3. The results of the standards analyses ranged outside two standard deviations from the recommended values with one standard CDN-ME-16 reporting a low value of 0.754 g/t Au, however with this exception, the analyses were found to be reasonably acceptable for an exploration level program. No base or trace metal standards were submitted during the program. The analyses of the blanks were reported to be nearly all below detection for this program.

Table 11-3: Bryce Gold Property 2012-13 standard and blank analyses (Boyd 2014).

Reference Material	Au Accredited/Recommended Values (g/t) +/- 2 Std. Dev.	Number of Analyses (2012-13 program)	Au Mean value (g/t)	Au Median value (g/t)	Au Range (g/t)
CDN-GS-02A (low grade std.)	0.229 +- 0.03 g/t	45	0.222	0.223	0.197-0.260
CDN-ME-16 (medium grade std.)	1.48 +-0.14 g/t	35	1.409	1.42	0.754-1.610
CDN-FCM-6 (high grade std.)	2.15 +-0.16 g/t	43	2.083	2.08	1.620-2.420
LGA2 Accurassay (low grade std.)	0.595 +-0.104	10	0.551	0.562	0.487-0.599
GSO9 Accurassay (medium grade std.)	1.984 +-0.096	11	1.816	1.820	1.740-1.920
Quartz sand blank	0.000 (est.)	140	0.002	0.000	0.000-0.060

In summary, based upon the results, the Au analyses ranged beyond the recommended confidence levels for all three sets of QC monitoring of the five drill programs. Further investigation of the QC failures in the 2011 program is recommended prior to utilizing the results for any future resource estimation although subsequent programs indicated this did not cause the miss-representation of the gold exploration results. Despite these high ranges, the overall results were found to be adequate for the exploration level of this project.

In addition, 141 quarter core duplicates were obtained during the sampling of the 2012 and 13 drill core. The results for the 85 of those duplicates which reported some detectable gold for at least one of the analyses are summarized in Table 11-4. The results provide a good snapshot of the heterogeneity of the samples which is significant due to the coarse nature of the gold.

Table 11-4: Bryce Gold Property 2012-2013 core duplicate analysis.

Hole ID	From (m)	To (m)	Original Au (g/t)	Duplicate Au (g/t)
BG-12-58	478	478.5	0.26	0.02
BG-12-59	116.6	117.5	1.09	0.59
BG-12-59	310	311	0.14	0.03
BG-12-60	151.3	152	0.03	0.09
BG-12-60	164.5	165	<0.01	0.01
BG-12-61	289	290	<0.01	0.01
BG-12-61	295	296	<0.01	0.01
BG-12-61	305	306	0.01	<0.01
BG-12-61	322	323	0.01	<0.01
BG-12-61	338	339	<0.01	0.02
BG-12-62	54	55	0.002	0.004
BG-12-62	69.1	70.1	0.019	0.005

Hole ID	From (m)	To (m)	Original Au (g/t)	Duplicate Au (g/t)
BG-12-62	100	101	0.008	0.001
BG-12-62	132	133	<0.01	0.027
BG-12-62	150	151	0.011	<0.001
BG-12-62	187	188	0.026	<0.001
BG-12-62	399.5	400	0.004	0.002
BG-12-62	432.9	434	0.004	0.002
BG-12-62	468.5	469	0.003	0.006
BG-12-63	211	212	0.06	0.071
BG-12-63	235	236	<0.001	0.001
BG-12-63	242	243	0.002	0.001
BG-12-63	279	280	0.004	0.018
BG-12-63	305.1	306	0.016	0.013
BG-12-64	33	34	0.001	0.005
BG-12-64	81	82	0.001	<0.001
BG-12-64	153	154	<0.001	0.005
BG-12-64	169	169.5	0.02	<0.001
BG-12-64	193	194	0.006	0.007
BG-12-64	242	243	0.022	0.005
BG-12-64	255.8	257	0.071	0.03
BG-12-64	271	272	0.013	0.011
BG-12-64	305	306	0.001	<0.001
BG-12-64	321	321.8	0.007	0.008
BG-12-64	338	339	0.011	0.003
BG-12-64	353	353.8	0.001	0.011
BG-12-64	367	368	<0.001	0.002
BG-12-65	21	22	0.007	0.002
BG-12-65	45	45.6	0.015	0.023
BG-12-65	59	60	0.004	<0.001
BG-12-65	65	66	0.026	0.005
BG-12-65	92	93	0.002	0.04
BG-12-65	109	110	0.021	0.005
BG-12-65	119	120	0.022	0.002
BG-12-65	160.9	161.6	0.294	0.112
BG-12-65	193	194	0.018	0.004
BG-12-65	210	211	0.736	0.107
BG-12-65	220	221	0.004	<0.001
BG-12-65	260	261	0.127	0.008
BG-12-65	276	277	48.2	3.87
BG-12-65	266	267	0.588	0.184
BG-12-65	291.3	292	0.011	0.012
BG-12-65	325	326	0.008	0.019
BG-12-65	335	336	0.004	0.017

Hole ID	From (m)	To (m)	Original Au (g/t)	Duplicate Au (g/t)
BG-12-65	361	362	0.016	0.013
BG-12-65	378	379	0.017	0.035
BG-12-65	395	396	0.004	0.01
BG-12-65	451	452	0.004	0.002
BG-12-65	465	466	0.003	<0.001
BG-12-65	482	483	0.006	0.002
BG-13-66	99	100	0.001	0.036
BG-13-66	114	114	0.005	0.017
BG-13-66	167	168	<0.001	0.005
BG-13-66	231	232	<0.001	0.002
BG-13-66	246	247	0.002	0.003
BG-13-66	267	268	0.002	0.001
BG-13-66	300	301	0.02	0.027
BG-13-67	48	49	0.005	0.021
BG-13-67	119	120	0.037	0.013
BG-13-67	140	141	0.018	0.021
BG-13-67	202	203	0.006	0.002
BG-13-67	220	221	0.015	0.01
BG-13-67	280	281	0.054	0.022
BG-13-67	329	330	0.004	<0.001
BG-13-67	356	357	0.005	0.007
BG-13-68	19	20	0.589	1.17
BG-13-68	52	53	0.011	0.013
BG-13-68	162	163	0.083	0.033
BG-13-68	209	210	0.011	0.008
BG-13-68	214	215	0.013	0.014
BG-13-68	302	303	0.005	0.023
BG-13-68	323	324	0.406	0.275
BG-13-68	334	335	0.023	0.142
BG-13-68	355	356	0.003	0.002
BG-13-68	403	404	0.015	0.008
BG-13-68	440	441	0.016	0.018

The sample preparation, security and analytical procedures were adequate for the purpose of this report although it is recommended that multi-acid digestions be utilized for future sample submissions. There were issues with the QA/QC consistency and rigor for the 2009 to 2011 programs, which were largely corrected in the 2012 and 2013 programs. Future programs will require a more rigorous program including the consistent utilization and monitoring of reference standards and blanks based upon the most recent implemented best practices and procedures implemented.

11.3 2008-2017

No certified reference materials or blanks were included in the 2008-2017 sampling program.

11.4 2021 Sampling

Samples were collected in clear plastic bags together with pre-numbered sample tags. A total of 300 rock samples were collected. Sixteen certified reference materials (“CRM”) and 17 blanks were included in the samples stream. The samples were transported to ALS Global Laboratories (“ALS”) in Timmins or Sudbury by Northstar personnel.

Table 11-5: List of CRM included in the samples stream of the 2021 sampling.

Reference Material	Analyte (ppm)	Certified Value	Standard Deviation
OREAS 504c	Au	1.48	0.045
OREAS 504c	Zn	106	4
OREAS 504c	Cu	11100	300
OREAS 507	Au	0.176	0.006
OREAS 507	Zn	161	1
OREAS 507	Cu	6220	130
OREAS 507	Zn	161	4
OREAS 608	Au	1.21	0.039
OREAS 608	Cu	1010	20
OREAS 608	Zn	366	12
OREAS 610	Au	9.83	0.254
OREAS 610	Zn	1754	74
OREAS 610	Cu	9710	230
OREAS 62e	Au	9.13	0.41

At ALS, the samples were crushed to 90% <2 mm. A 1 kg split was pulverized to 95% <106 µm. The samples were analyzed for Au by fire assay (30 g) and ICP-AES finish. Multi-element analysis was completed by 4-acid digestion and ICP-MS.

There is no relationship between Northstar and ALS and ALS is independent of Northstar. ALS is certified to ISO/IEC 17025:2017 standards for the multi-element analysis used by Northstar for the 2021 sampling program (ME-MS61).

All CRM fell within 3 standard deviations except one Oreas 507 standard that fell slightly outside of this range. Representative plots are shown in Figure 11-1 to Figure 11-3. A slight bias high was noticed for Oreas 62e. All blanks also passed.

The sample preparation, security and analytical procedures were adequate.

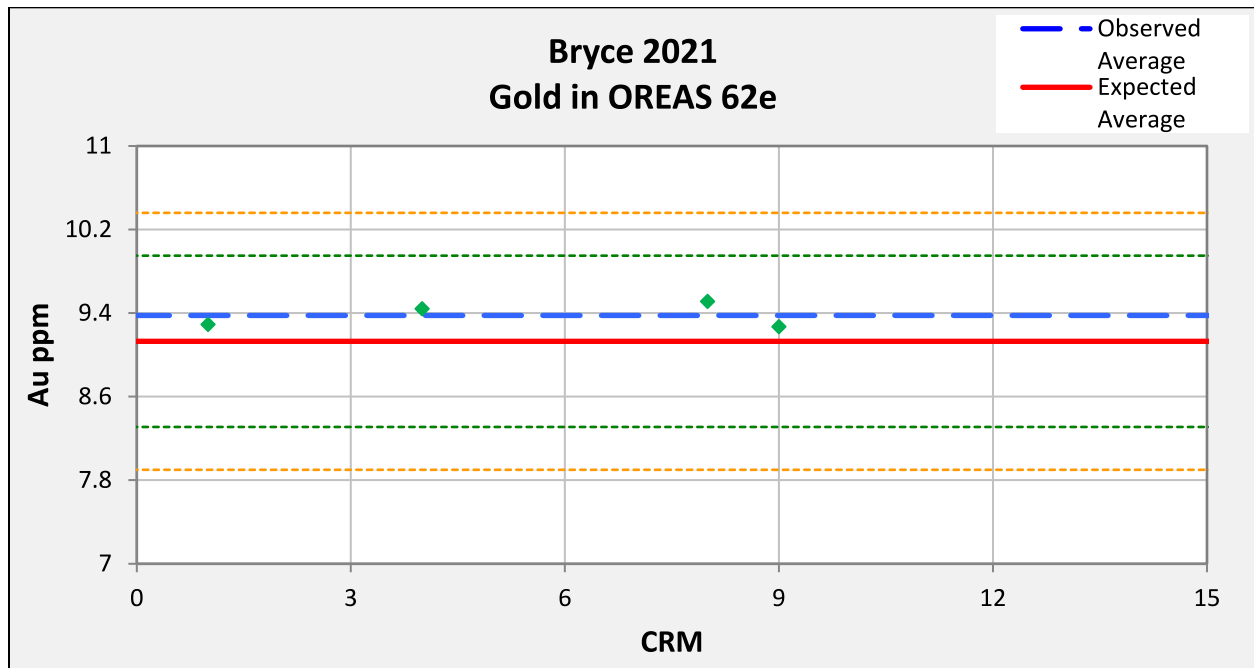


Figure 11-1: Au in CRM Oreas 62e. The green dashed represents ± 2 standard deviations; the orange dashed line represents ± 3 standard deviations.

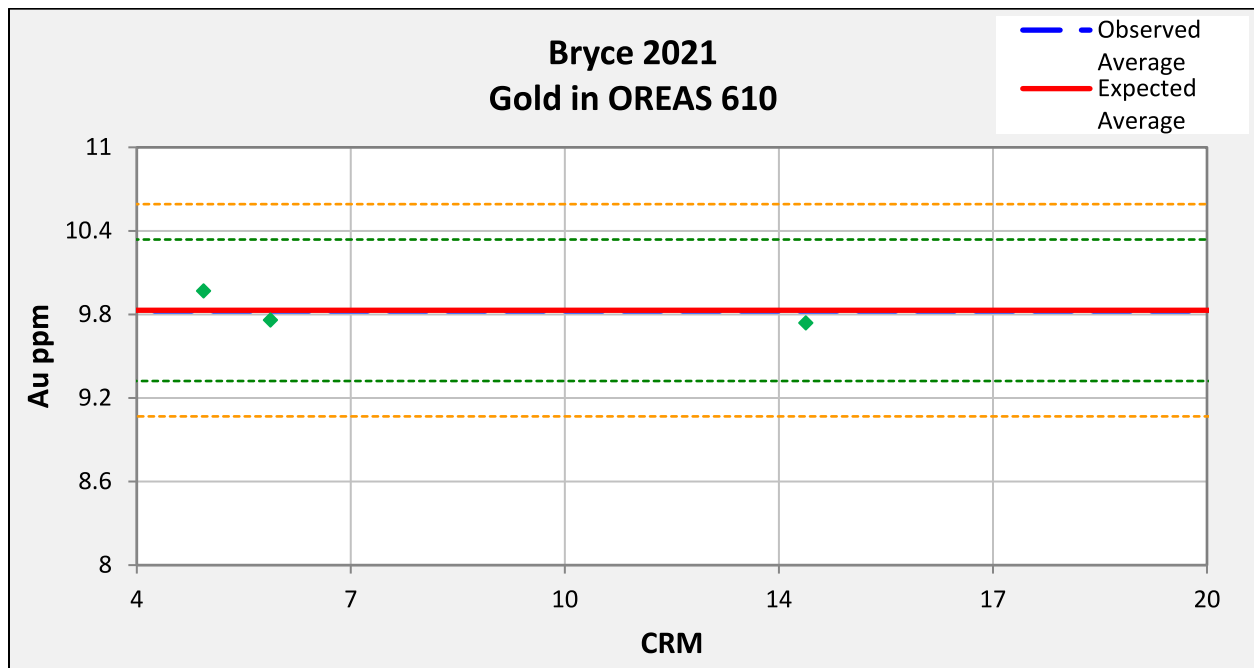


Figure 11-2: Au in CRM Oreas 610. The green dashed represents ± 2 standard deviations; the orange dashed line represents ± 3 standard deviations.

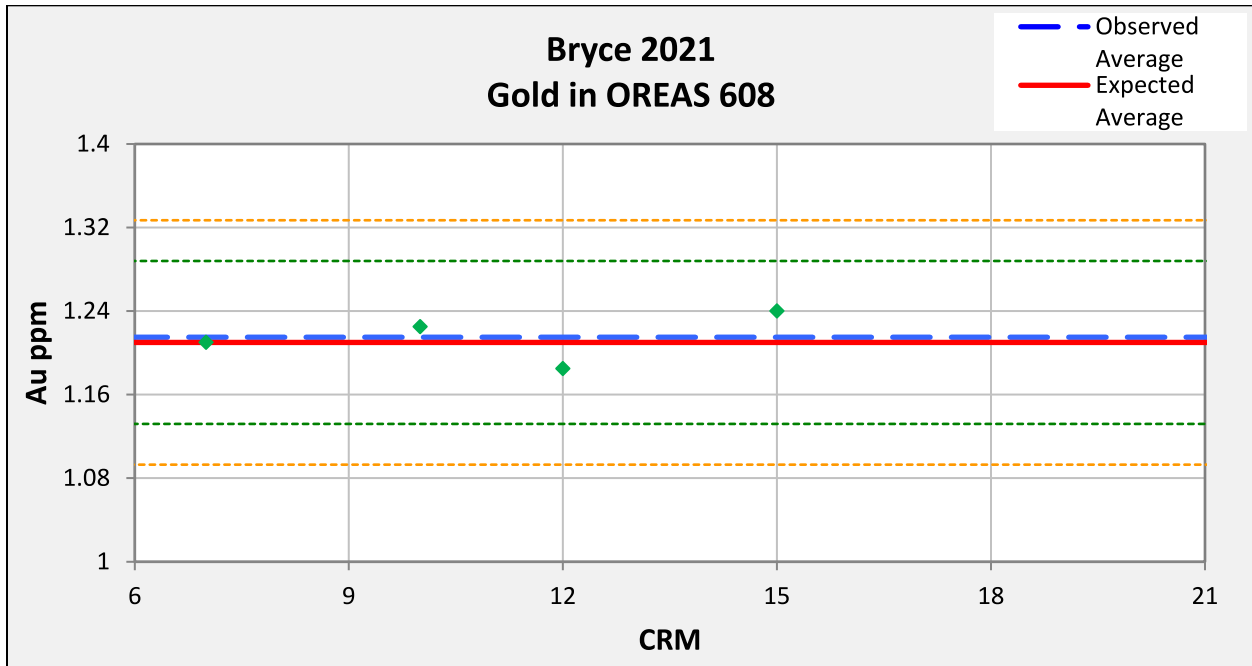


Figure 11-3: Au in CRM Oreas 608. The green dashed represents ± 2 standard deviations; the orange dashed line represents ± 3 standard deviations.

12.0 DATA VERIFICATION

12.1 Site Visit

The Property and core storage location were visited by Trevor Boyd P.Geol. of Ronacher McKenzie on April 20 and 21, 2021. During this period, multiple known surface mineral showings and stored historic drill core were inspected, and six significant core sections were sampled at the Northstar core logging and storage facility in Earlington, Ontario.

At the time of the Property site visit, the Qualified Person was accompanied by Glenn McBride prospector and John Pollock Director of Northstar Gold. The personal inspection included visiting, inspection and verification sampling of outcrops and trench locations where previous channel and grab sampling had occurred, and as well verifying the location and condition of historic drill holes collars. Eight selected outcrop samples were submitted for analyses by the qualified person for analysis.



Figure 12-1: DDH BG11-47, 294.5 – 295m, chaotic silicified quartz fragmental Fe-Zn-Pb semi-massive sulphides (Sample 1058302).



Figure 12-2: Diamond drill hole collar BG09-10 on the Bryce Gold Property (UTM NAD83 17T 0567380E, 5282997N)



Figure 12-3: Libby Au Showing trench trending 200deg AZ with sample 1058313 collected at flag located UTM NAD83 17T 567181E, 5283041N)

12.1.1 Site Visit Check Sample Results

Eight rock and six core samples (1/4 cut sawn) collected during the warehouse and site visit were submitted to the ALS preparation and analytical facility in Sudbury, Ontario, for gold (Au) and multi-element analyses. The samples were prepared by crushing to 70% passing 2 mm, split to 250 g and pulverized to 85% passing <75 µm then analyzed by 50 g Au fire assay with ICP-OES finish and aqua regia digestion with ICP-OES finish for 35 base and trace metal elements including Ag, Cu, Mo, Pb and Zn.

The results of the site visit outcrop and core sampling are presented below in Table 12-1 (core) and Table 12-2 (grab samples).

Table 12-1: List of Northstar drill core collected during the Bryce Gold Property site visit and results.

Sample Number	Source of Collected Samples	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)
1058301	DDH BG10-41 386-389m, original samples #42923, 24,25 and 26, AVG. 2.45 g/t Au, 0.5 g/t Ag	2.43	0.6	392	18
1058302	DDH BG11-47 293-295m, original samples #44252, 53, 54, 55 and 56, AVG. 4.33 g/t Au, 5.3 g/t Ag	3.21	4.9	1490	37,100
1058303	DDH BG10-22 105-107m, original samples #22573, 74 and 75, AVG. 8.44 g/t Au, 6.3 g/t Ag	2.33	2.3	200	263

Sample Number	Source of Collected Samples	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)
1058304	DDH BG13-68 333-334m, original sample #17707, 2.54 g/t Au	1.635	0.7	854	57
1058305	DDH BG13-68 305-307m, original samples #17676-17677, AVG.25.1 g/t Au	9.27	0.6	1230	32
1058306	DDH BG12-65 197-199m, original samples #28735 and 37, AVG. 1.13 g/t Au, 1.0 g/t Ag	0.886	0.2	1175	46
1058307	Oreas 206 Au standard (2.09+- 1 st 0.084ppm, aqua regia digestion)	2.21	0.3	122	104
1058308	Quartz sand blank	<0.001	<0.2	1	3

Table 12-2: Grab samples collected from outcrop, subcrop and trenches during the Bryce Gold Property site visit.

Sample Number	Source of Collected Samples	Easting	Northing	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)
1058309	Chl-ser shear in outcrop with 1% fine py	0567330	5283966	0.313	1.9	6	78
1058310	Chl-ser qtz veined shear in trench with 2% fine py, shears trend 320 deg AZ, subvertical	0567337	5283036	0.002	1.53	13	74
1058311	Same trench where shearing widens to 20 metres	0567334	5283036	0.679	0.59	30	31
1058312	Libby Au Showing pit, rubble, qtz veined rusty felsite with 5% cubic plus fine py	0567191	5283057	7.59	0.11	63	30
1058313	Libby Au Showing trench rusty felsite steeply dipping to east and 2-3% shotgun py with x-cutting flatish fractures and shears	0567181	5283041	2.21	0.15	25	18
1058314	Libby Au Showing trench, rusty qtz vein with felsite and 2% diss py	0567176	5283029	2.64	0.17	77	46
1058315	Vertically sheared rusty chl amp porphyry trending 110 deg., subcrop?	0566803	5282822	0.025	1.87	27	147
1058316	Outcrop clay altered, degraded, sheared amp porphyry	0566814	5282816	0.007	0.62	48	78
1058317	Bogford Au Showing, outcrop vertical sulphidized rusty silica-sericite 10cm wide seam	0566515	5282577	3.65	0.8	280	144
1058318	Directly above Pike Zone, outcrop of chl ser rusty felsic outcrop with tr py	0566246	5282611	0.01	3.69	16	88
1058319	Ser sugary rusty sheared volcanic outcrop	0566321	5283070	0.005	2.13	298	145

12.2 Quality Control Analysis

The gold and copper results are reasonably comparable to those of similar samples from diamond drill core and surface occurrences that were obtained during previous programs. Based upon the analytical certificate, ALS used in-house standards which passed appropriately for this batch. An independent certified Au reference material OREAS 206 was submitted for analysis with the batch of samples; the standard analyses were marginally greater than two standard deviations from the recommended value. The submitted blank reported below detection gold and silver.

It is the Qualified Person's opinion that the analytical results are adequate for the purposes of the technical report. The Qualified Person is also of the opinion that the data are adequate for the purpose used in this report.

13.0 MINERAL PROCESSING AND METALLURGICAL TESTING

Not applicable.

14.0 MINERAL RESOURCE ESTIMATES

Not applicable.

15.0 ADJACENT PROPERTIES

There are multiple major gold mines and exploration projects in the vicinity of the Bryce Gold Property, most undergoing active exploration and development. Significant project locations in the vicinity of the Property are shown on Figure 15-1. The source of the information shown on Figure 15-1 is from the Ontario Lands Management website ("MLAS") and the Ontario Mineral Deposit Inventory ("MDI") database.

The Qualified Person has been unable to verify the information shown on Figure 15-1 and this information is not necessarily indicative of the mineralization on the Bryce Gold Property that is the subject of this report. The QP clearly distinguishes between the information from adjacent properties and the information from the Bryce Gold Property.

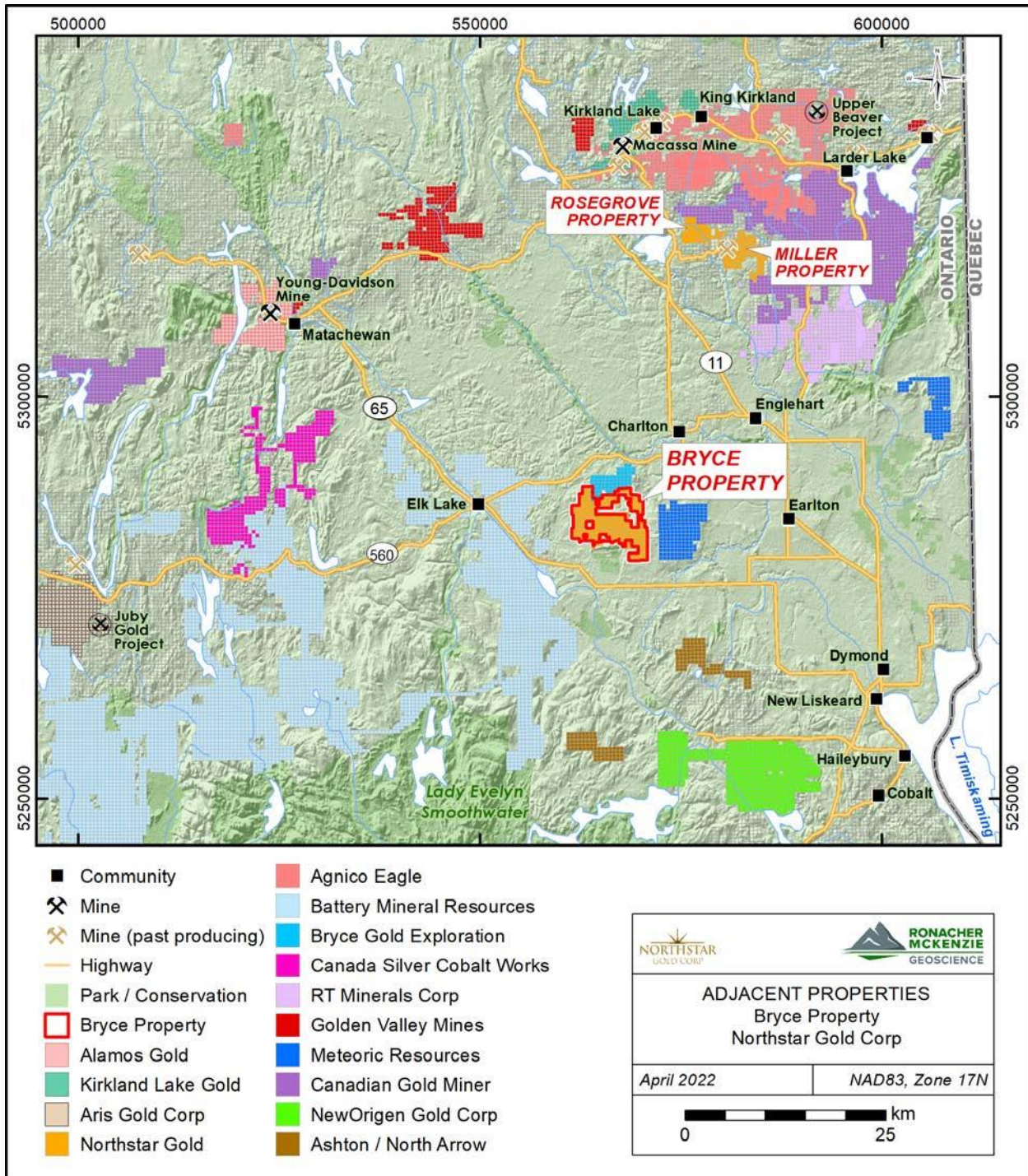


Figure 15-1: Past producers and mining development adjacent to the Bryce Gold Property.

16.0 OTHER RELEVANT DATA AND INFORMATION

The Qualified Person is not aware of any other relevant data, information or explanation that would make this report unclear or misleading.

17.0 INTERPRETATION AND CONCLUSIONS

Based upon exploration to-date, both historically and by Northstar, the Bryce Gold Property contains multiple sulphide bearing gold occurrences, however, challenges exist in consistently defining their spatial parameters due to erratic grades and extents from the results of surface sampling and diamond drilling.

Gold bearing mineralized intersections reported from the 2009 and 2010 drilling programs at the Libby, Decaire and Morris zones commonly consist of both fine and coarse-grained pyrite associated with typical lode gold quartz veining and silicification within feldspar porphyry dikes and at the intermediate and mafic volcanic feldspar porphyry contacts. Pyrite also occurs commonly within the ankerite alteration zone as fine disseminations, fine pyrite stringers, and as pervasive sulphide replacement masses. Chalcopyrite is found to occur as blebs in carbonate quartz stringers and in coarse narrow pyrite veins, and rarely as chalcopyrite veinlets. Sphalerite is noted in narrow veinlets generally associated with finely disseminated pyrite. Some minor tourmaline and minor molybdenite are commonly associated with quartz stringers and along small slips respectively.

The best intersection from the 2011 drilling program in hole BG11-47 returned 15.9 meters averaging 2.37 g/t Au, at a depth of 289.2-304.7 meters in the Pike Lake Zone. This mineralization is atypical in comparison to that found in most of the Property in that accompanying Zn-Ag-Cu values suggest that it represents a gold enriched volcanogenic hosted sulphide horizon similar to the Agnico Eagle LaRonde deposit in Quebec. Subsequent drilling and geophysical surveys of the Pike Lake Zone suggests it has a limited immediate extent but additional review of exploration results is warranted to assess the discovery and identify additional targets in the vicinity.

An adjacent drilling area to the south of the Pike Lake Zone in the Borgford North zone (BG10-22, BG11-46, BG10-29) exhibits some similar characteristics and may be related to exhalative venting within mudstone, possibly tuffaceous horizons bounded by intermediate volcanic and feldspar porphyry fragmental rocks and intermediate dykes. The zone is characterized by disseminated to up to semi-massive pyrite with scattered lesser chalcopyrite blebs and sphalerite stringers. In general, the Borgford South and North zones that were drilled predominantly in 2010 comprise of local narrow mineralized quartz sericite ankerite altered shear zones with anomalous gold, silver, copper and zinc mineralization occurring intermittently on north-west striking trends.

The most noteworthy results from the programs were generated from the 2012 and 2013 drill testing of the 'Sunday Creek Porphyry' in holes BG12-65, BG13-66, 67, and 68 where the mineralization appears to be striking WSW and dipping towards the south with results from hole BG12-65 reporting 2.09 g/t Au over 25.5m from 251.5m to 277m, within a wide halo of anomalous gold grading 0.86 g/t over 80 metres. The porphyry

intrusion hosted mineralization is interpreted to be open along strike and appears to be expanding towards the surface. The 2013 winter drilling program established that the Sunday Creek Porphyry is a stockwork-type felsic porphyry that contains widespread stringers and veins of significant gold with copper values. The compiled assay results and interpreted geology of four drill holes (BG10-41, 65, 67 and 68) suggest a potential for defining a gold mineralized zone in three dimensions with additional drilling. Determining a size and grade for the mineralized porphyry-hosted system will require follow-up tightly spaced drilling.

Between the 2012 and 2013 drilling programs and after the completion of the borehole, Dipole-Dipole and IPower IP surveys during the winter of 2012-13, the Bryce Gold Property drill hole lithologic and assay database was digitally modelled using GoCad software. Previous surface and borehole survey results were imported into the modeling in order to refine and assess the exploration model for the Property focusing on the vicinity of the Sunday Creek Porphyry around drill hole BG12-65. The modelling has served as an aid in locating drill targets for future exploration. An image from model is shown in Figure 17-1.

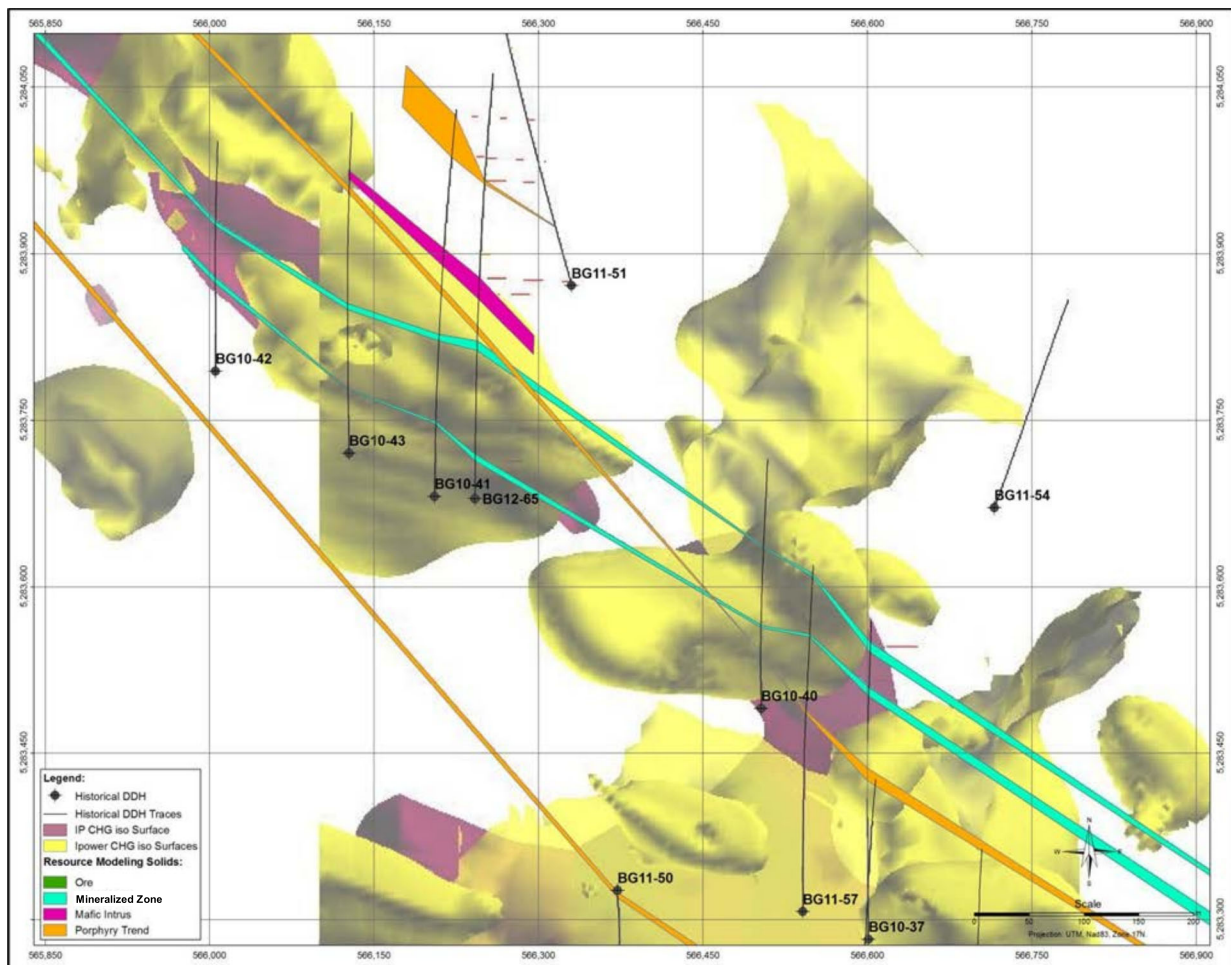


Figure 17-1: GoCad image of the Sunday Creek Porphyry area with imported results of the dipole-dipole and IPower IP/Resistivity surveys showing areas of high chargeability.

It is noted that there is a layer of clay overlying where the porphyry body is projected to the surface preventing surface bedrock sampling and possibly masking geochemical and geophysical signatures. The drilling of a series of 45° step-in holes would facilitate tracing the porphyry up dip to within 120m of surface, which would be followed by shorter near vertical holes to intercept the zone beneath the clay cover. Three dimensional exploration modeling can be a useful tool to assist the next phase of drilling on the Bryce Gold Property. The nature and distribution pattern of the gold in the Sunday Creek Porphyry is similar to IAM Gold's Côté Gold Project and as such may represent a near surface bulk tonnage gold exploration target.

Based on the geological setting, the historic exploration and the exploration completed by Northstar, the QP concludes that Bryce Gold Property has the potential to host significant gold mineralization, which warrants further exploration.

No additional significant risks and uncertainties that could reasonably be expected to affect the reliability or confidence in the exploration information are noted beyond those listed in this report, and no impacts on the projects potential economic viability are expected.

18.0 RECOMMENDATIONS

The Bryce Gold Property is of merit and recommended for further exploration, based upon results to-date predominantly conducted by Northstar Gold Corp. The following recommendations are presented for follow-up exploration on the Bryce Gold Property.

- The Gocad exploration model created in 2013 from the drilling results to-date on the Property should be reviewed closely and refined with the addition of any available historic drilling results and available geophysical survey results to improve the 3-D model generated and assist with defining new drill targets for follow-up testing.
- All geophysical data should be included in the 3-D model with the consideration of completing reprocessing and/or inversions on some of the IP results in order to more rigorously characterize chargeability anomalies for future exploration targeting.
- Recent clearcutting in the central part of the Bryce Gold Property northeast of Pike Lake has opened up new exposures for prospecting and sampling for gold mineralization which should be followed up. Planned clearcutting in Tudhope Township in 2021 is expected to further open areas for exploration.
- Extending the mapping started in 2021 is recommended
- Based upon the results of exploration model, follow-up closely spaced diamond drill testing is needed in order to expand and follow the extent of the Sunday Zone to the east and to the north as it trends towards the surface. The purpose is to drill assess the mineralized zone for delineating a gold resource.

Based upon these recommendations, a proposed exploration budget is presented in Table 18-1.

Table 18-1: Cost estimate for the recommended Bryce Gold Property exploration program.

Item	Unit	No of Units	\$Cost/Unit	\$Total Cost
Review, compilation, reprocessing and 3-D modelling of diamond drilling and geophysical results for Bryce Gold Property	hours	100	180	18,000
Field prospecting and surface rock sampling on the Property	days	30	1000	30,000
Mapping	Days	45	900	40,500
Definition diamond drilling of selected zones to assess targeted gold zones for upgrade to resource bodies	metres	2,000	200	400,000
Core and field sample analyses	samples	1,000	40	40,000
Total				\$528,500

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20.0 STATEMENT OF AUTHORSHIP

This report, titled “INDEPENDENT TECHNICAL REPORT, Bryce Gold Property, Kirkland Lake, Ontario”, dated January 28, 2022 and prepared for Northstar Gold Corp., was completed and signed by the following author:

“Signed and sealed”

Trevor Boyd, PhD, P.Geol.
January 28, 2022
Toronto, ON

Appendix 1 – Certificates of Qualified Person

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CERTIFICATE OF QUALIFICATIONS

I, Trevor Boyd, do hereby certify that:

1. I am employed as an Associate Geologist for the geological consulting firm of Ronacher McKenzie Geoscience Inc.
2. I am responsible for all sections of this technical report titled "Independent Technical Report, Bryce Gold Property, Kirkland Lake, Ontario" dated January 28, 2022, and prepared for Northstar Gold Corp.
3. I hold the following academic qualifications: M.Sc. (Applied) Geology MINEX (1988), McGill University; Ph.D. Geology (1996), University of Toronto.
4. I am a member of the Professional Geoscientists of Ontario (Member #1023) and Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists (#3312).
5. I have worked on exploration projects world-wide including: Canada (Newfoundland, New Brunswick, Quebec, Ontario, Manitoba, Saskatchewan, Nunavut, Northwest Territories, Yukon, and British Columbia), United States, Norway, Peoples Republic of China, Indonesia, Afghanistan, Africa(Niger), Dominican Republic; and have worked on gold, Ni-Cu-PGE, VMS, sediment-hosted Pb-Zn-Ag, uranium, and porphyry tin-molybdenum-tungsten type and copper-gold type deposits since 1979.
6. I am a Qualified Person for the purpose of the National Instrument 43-101.
7. I have previously worked as an independent consultant for Northstar Gold including work completed for the Bryce Gold Property.
8. I am independent of the issuer as described in section 1.5 of the National Instrument 43-101.
9. I visited the Property on from April 20 to 22, 2021.
10. I have read the National Instrument 43-101 and this report has been prepared in compliance with this Instrument.
11. That, as of the effective date of this technical report, to the best of my knowledge, information, and belief, the technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.

Dated this 28th Day of January, 2021.

"Signed and sealed"

Trevor Boyd, Ph.D., P.Geo.
Associate Geologist,
Ronacher McKenzie Geoscience Inc.