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NTS: 32C14

**REPORT ON PROSPECTING AND ROCK SAMPLING
ON THE BLACK RIVER NORTH PROPERTY
GRIMSTHORPE TOWNSHIP, ONTARIO**

**For:
UNION GLORY GOLD LIMITED**

**By: Robert Dillman
ARJADEE PROSPECTING
Mount Brydges, Ontario**

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APPENDIX**Field Pictures****Assay Certificates****Geology Map: Scale 1 : 5,000****Rock Sample Locations & Assays Map: Scale 1 : 5,000**

Summary

This report discusses the results of prospecting and rock sampling on the Black River North Property in Grimsthorpe Township, Ontario. This field work was conducted by the author, Robert Dillman and Dr. Jim Renaud over 3 days between May 9 and May 11, 2023. Work was focused on prospecting sheared metasedimentary rocks of the Grimsthorpe Group adjacent to the unconformity with metavolcanic basalt and gabbro of the Canniff Lake Complex. Approximately 4 km were traversed. A total of 25 rock samples were collected along this structure. Assay results for gold varied up to 5.68 ppm Au.

The Black River North Property consists of 12 contiguous nonpatent boundary cell type mining claims. The property covers an area of 85.26 ha. All the claims are registered to the author, Robert Dillman. The work has been performed for Union Glory Gold Limited of Toronto, Ontario. Union Glory has an agreement to purchase the property from the author.

The work was conducted on sections of the following claims and cells:

Claim 249543, cell 31C14D004

Claim 337522, cell 31C14D005

Claim 315468, cell 31C14D024

Claim 242771, cell 31C14D025

Claim 146726, cell 31C14D026

Location and Access

The Black River North Property is located approximately 185 kilometres northeast of Toronto, Ontario, Canada (Figure 1). The property is situated in Grimsthorpe Township in Hastings County (Figure 2).

The property is within the Southern Ontario Mining Division and originally consisted of two contiguous unpatented mining claims covering the north half of Lot's 19 and 20, Concession XV and the south half of Lots 20 and 21, Concession XIV.

The property has good seasonal road access via the Lingham Lake Forest Access Road which crosses the central area of property. From the town of Gilmour on Highway 62, travel northeast on the Weslemkoon Lake Road for approximately 7.5 km to the Skootamatta Forest Access Road. Turn east and continue for approximately 7.2 km to the Lingham Lake Access Road. Turn south on the Lingham Lake Access Road, the property is located 1.5 km from the intersection.

Claim Logistics and Location of Work

When the Mining Lands Administration came into effect in 2018, the property converted to 12 boundary claims (Figure 3). Titles to the mining claims comprising the Black River North property are recorded in the name of the author:

Robert Dillman of Mount Brydges, Ontario

At the time of this report, the Black River North Property is under a sales agreement with Union Glory Gold Limited, of Toronto, Ontario.

Work described in this report was performed on sections of the following claims and cells:

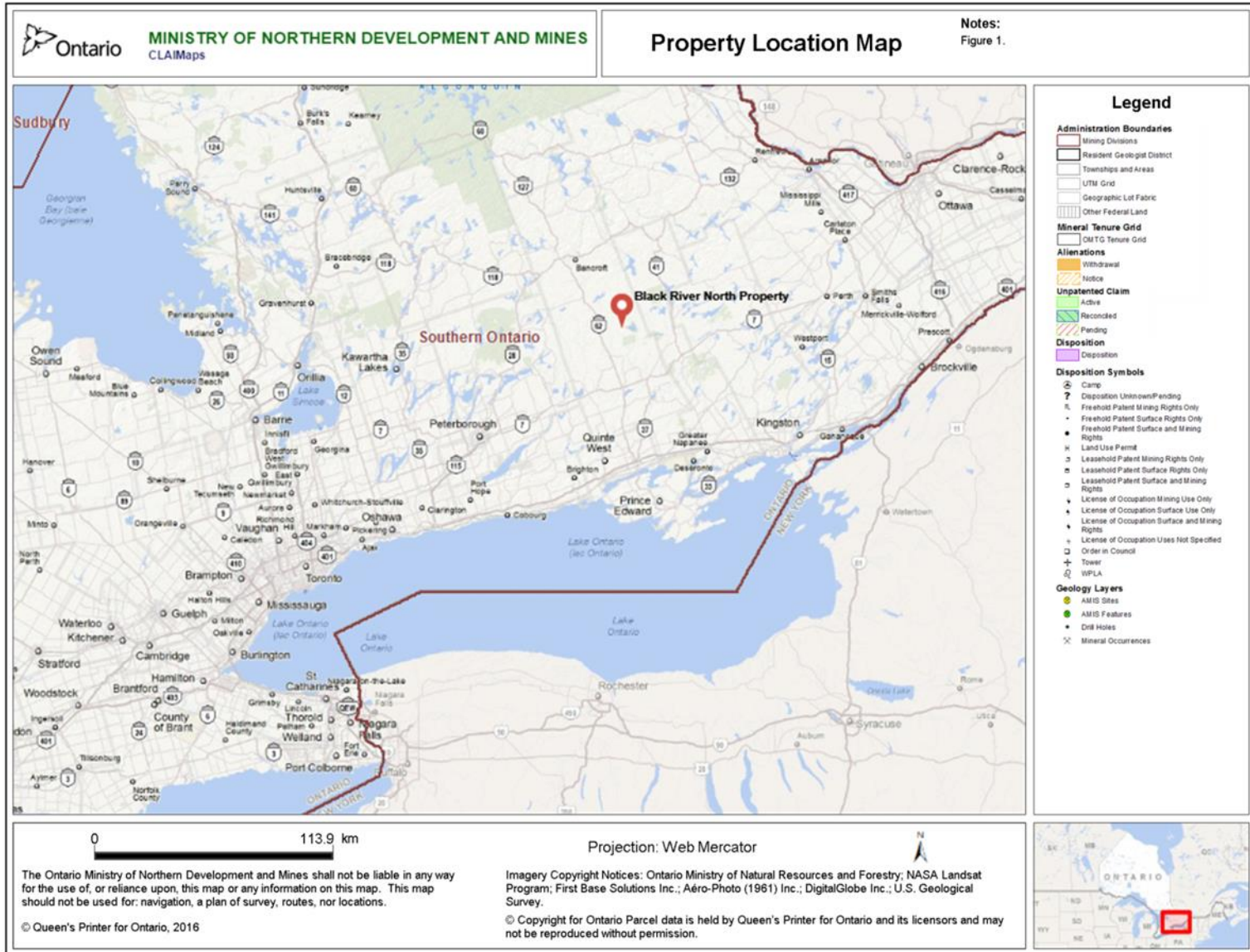
Claim 249543, cell 31C14D004

Claim 337522, cell 31C14D005

Claim 315468, cell 31C14D024

Claim 242771, cell 31C14D025

Claim 146726, cell 31C14D026



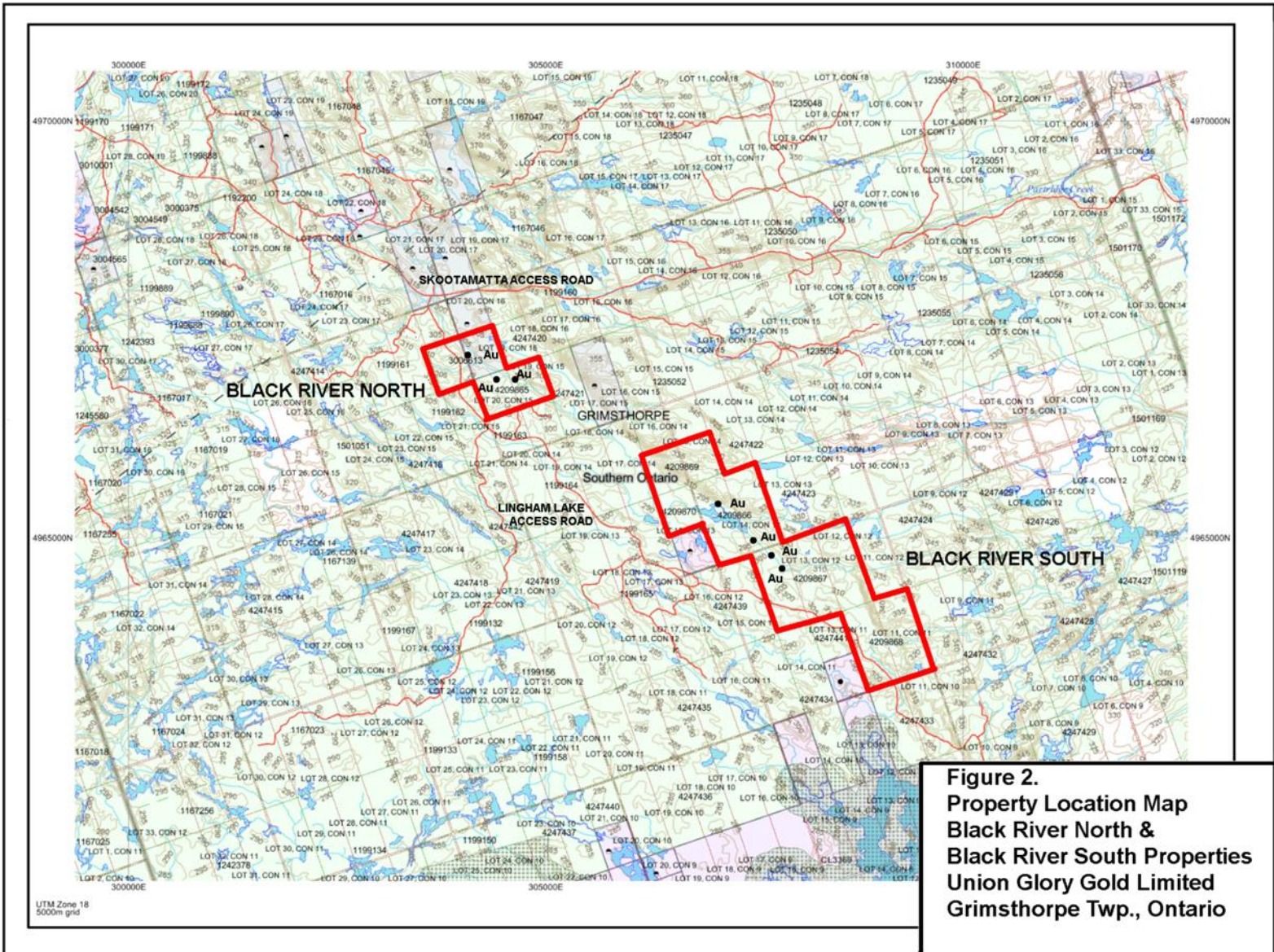
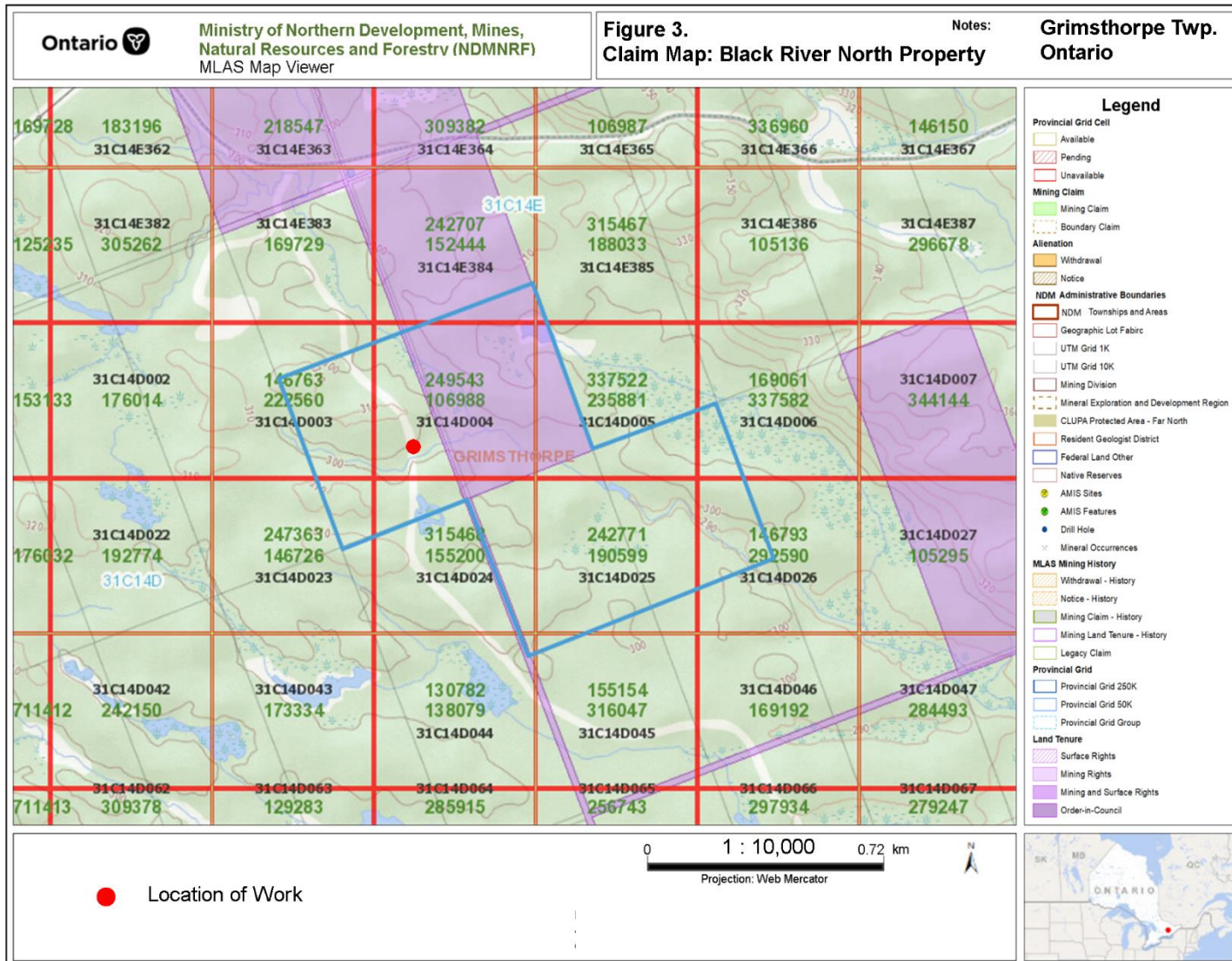


Figure 2.
Property Location Map
Black River North &
Black River South Properties
Union Glory Gold Limited
Grimsthorpe Twp., Ontario



Land Status and Topography

Three quarters (75%) of the Black River North Property is situated on lands designated as Crown Land (Figure 3). The surface status of the remaining 25% which includes the south half of lot 20, concession XIV, is designated as Surface Rights Only (S.R.O.) and title is held by the Queen of England.

The property is uninhabited. There are no buildings or habitats on the property. There are no powerlines.

The Black River North Property is at a mean elevation of 300 metres above sea level. The property has gentle topography with elevations ranging approximately 25 metres in height. The central region of the property is crossed by the Black River. The river drains towards the southeast and is generally rocky and fast flowing. The east side of the river is bounded by northwest-southeast orientated ridges of outcrop. The terrain west of the river is flat with some sections covered by boulder till and swamp.

There is good outcrop exposure in many sections of the property especially east of the river and where higher elevations exist. Overburden is more frequent in areas west of the river and appears to be thin in low areas where outcrops are sparse. Overburden consists of till deposited by a glacier moving from north to south.

Most of the property is covered by mixed forest dominated by spruce, pine, maple and poplar. Some areas east of the river have been logged in the last decade.

Regional and Local Geology

The Black River North Property is located within the Central Metasedimentary Belt of the Grenville Structural Provincial (Figure 4). The property is underlain by Proterozoic geological units belonging to the Grimsthorpe Domain dominated by mafic metavolcanic and volcanoclastic metasedimentary rocks older than 1270 Ma (Easton 1992). The Grimsthorpe Domain includes the Grimsthorpe Group, consisting mainly of metavolcanic-clastic metasedimentary rocks and minor metavolcanic flows of the Tudor Formation, minimum age 1279 ±13 Ma (Easton 2004) and, the older Caniff Complex dominated by massive and pillowed tholeiitic metabasalts, metagabbro and metaperidotite. An unconformity exists between the Caniff Complex and the Tudor Formation.

The property is situated over southwest trending greenstone and straddles the unconformity between the metasedimentary and metavolcanic units of Tudor Formation and massive basaltic and gabbroic flows of the Canniff Complex which lie east of the unconformity. These rock units are bordered to southwest by gabbroic and peridotite intrusive rocks of the Lingham Lake Complex and to the northeast, by granitic rocks of the Weslemkoon Tonalite. Metasedimentary units of the Tudor Formation strike northwest-southeast and dip moderately southwest to near-vertical with proximity to the unconformity.

Rock units in the area of the unconformity have been intruded by east-west trending diabase dikes crosscutting stratigraphy and felsic to mafic/ ultramafic (lamprophyre?) dikes which follow the unconformity.

Metamorphic grade on the property ranges from the biotite grade of the Greenschist facies to hornblende grade of the Amphibolite facies. Fe carbonate alteration is limited. Potassic alteration, evident from abundant biotite occurs with silicification in metasedimentary rocks accompanied with quartz veins and stringers, pyrite, arsenopyrite, pyrrhotite and gold.

Displacement of metasedimentary units along strike indicates the property is crossed by east-west orientated faults. Shearing is present with silicification in metasedimentary units of the Tudor Formation adjacent to the unconformity.

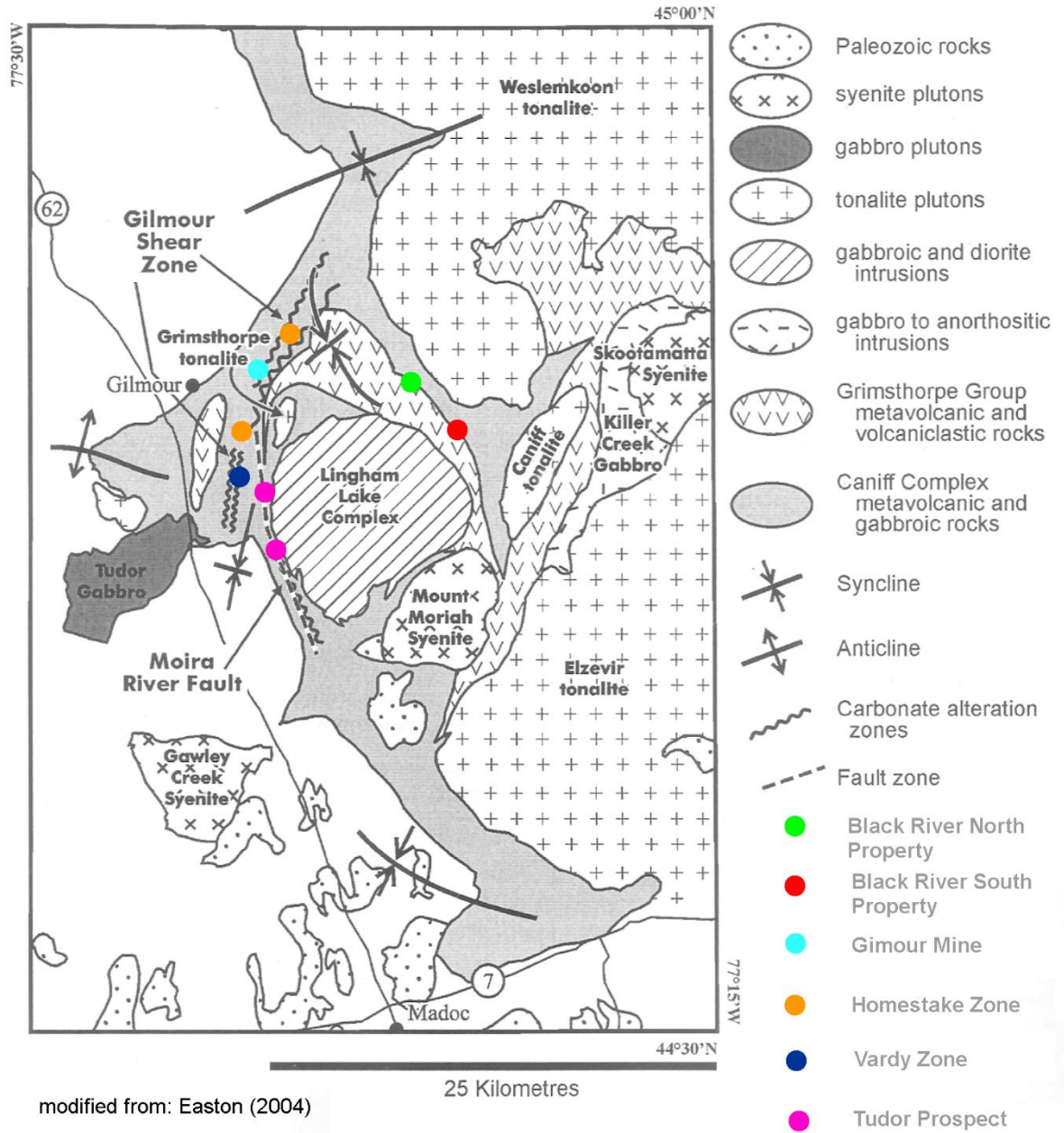


Figure 4. Regional Geology Tudor & Grimsthorpe Twp.'s

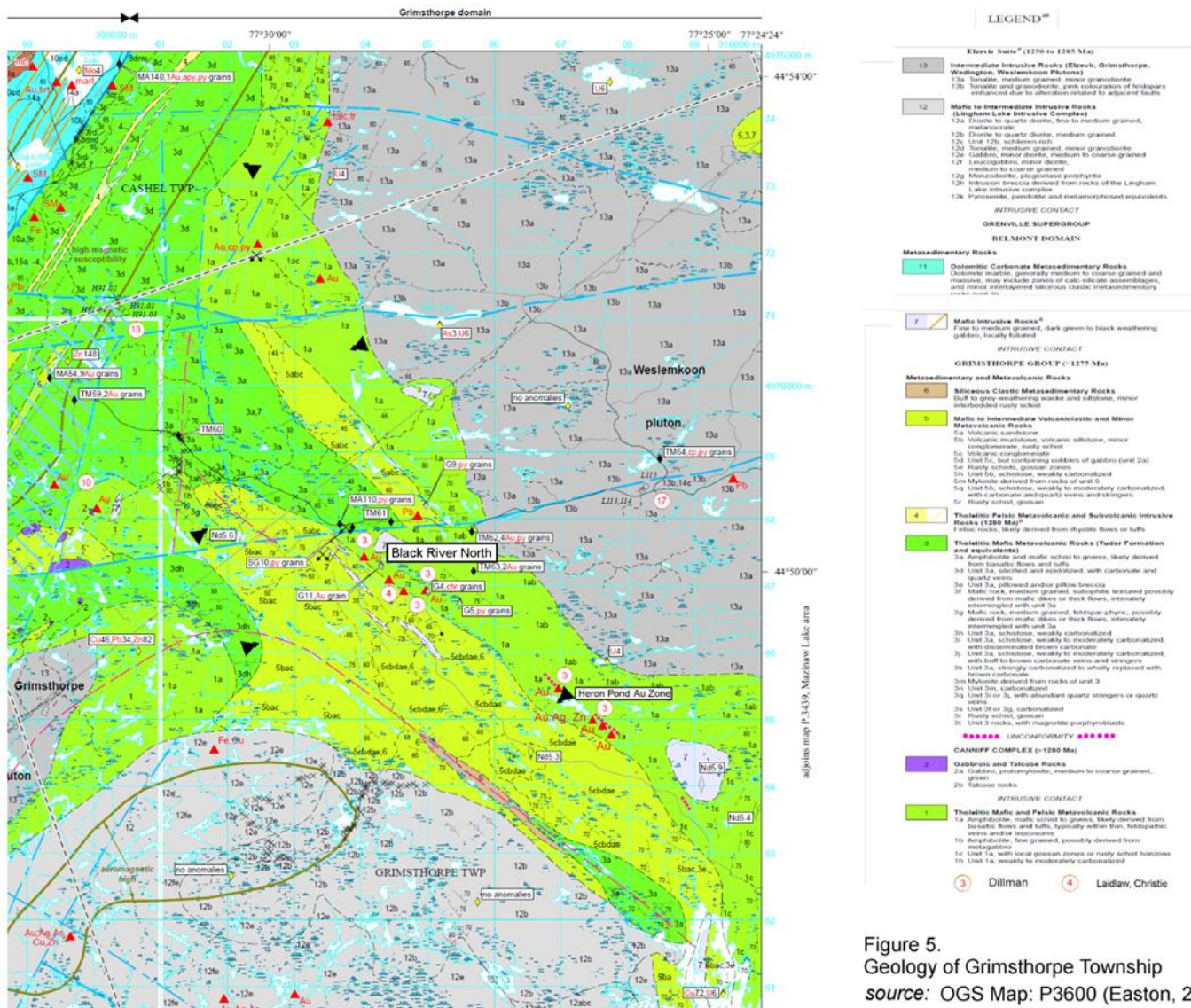


Figure 5. Geology of Grimsthorpe Township source: OGS Map: P3600 (Easton, 2008)

History of Exploration

In 1941 and 1942, the geology of Grimsthorpe Township and surrounding area was mapped by V. B. Meen on behalf of the Ontario Department of Mines. The area was re-mapped in 1990 by R. M. Easton of the Ontario Geological Survey. Prior to 1991, there is no record of mineral exploration in the area covered by the Black River North Property.

In 1991, using an OPAP grant the author discovered gold in sulphide rich metasedimentary schists in several areas in the vicinity to the Black River which include the Black River North Showing, Pine Showing, Gopher Zone and the Black River South Zone. Between 1991 and 2022, the author has performed various low-cost surveys on the property including: - prospecting, geological mapping, manual trenching, MMI and "B" horizon soil surveys, heavy mineral sampling, a ground radiometric survey, magnetometer and VLF surveys.

In 1992, Jim Laidlaw and Brian Christie prospected and collected soil samples on the property. The work was undertaken as part of a due diligence survey on the property on behalf of Homestake Minerals. The work led to the discovery of gold in the southwest section of lot 20, concession XIV now known as the Christie Showing.

Survey Dates and Personal

The field work described in this report was conducted over 3 days between May 9, 2023 and May 11, 2023.

The work was performed by Dr. Jim Renaud of London, Ontario and by the author/ claim holder, Robert Dillman of Mount Brydges, Ontario.

One (1) day was devoted by personnel towards mob/demo to the property: May 12, 2023

Survey Logistics

An approximate distance of 4 km was traversed on the property. Rock samples and geology recorded during the traverses are presented in Table 1 and plotted on accompanying maps at a scale of 1 : 5,000.

A total of 25 rock samples were collected on the property. Rock sample locations, descriptions and assay results are summarized in Table 2. and Table 3.

All rock samples were delivered to AGAT Laboratory for analysis. The lab is in Mississauga, Ontario. All the rock samples were Fire Assayed for gold using a 50 gram charge and finished by Inductively Coupled Plasma – Optical Emission Spectroscopy (ICP-OES) to measure the gold concentration. Five (5) rock samples were also assayed for 57 elements by Sodium Peroxide Fusion followed by Inductively Coupled Plasma – Mass Spectrometry (ICP-MS) to measure element concentrations. An assay certificate from the lab is appended to this report.

Survey Results

Eleven (11) rock samples returned anomalous to significant gold values ranging >0.400 ppm to 5.68 ppm. Most of the best gold values were obtained from the known occurrences:

Black River North Pit	2.33 ppm Au, 2.12 ppm Au
Christie Zone	5.68 ppm Au, 4.70 ppm Au, 4.59 ppm Au, 3.81 ppm Au
Pine Showing	0.437 ppm Au, 0.408 ppm Au

Two rock samples, BRN23-11 and BRN23-19, assaying 0.811 ppm Au and 1.76 ppm Au respectively, potentially represent new areas of gold mineralization or extensions of the existing showings.

All the samples with gold with exception of BRN23-19, consist of sucrosic quartz veining and silicification in biotite-rich metasedimentary schistose rocks containing vary amounts of arsenopyrite and lesser pyrite development. Sample BRN23-19, consist of felsic rock with pyrrhotite.

Table 1. Waypoint Data: Black River North Property, Grimsthorpe Twp., Ontario

Waypoint	UTM Coordinates	CLAIM NUMBER, CELL NUMBER	DATE	ROCK SAMPLE NUMBER	NOTES
747	304010E, 4967123N	249543 31C14D004	May 9, 2023 1:29 pm		Basalt, fine-grained. Greywacke, pyrite.
15 cm QV	304005E, 4967124N	249543 31C14D004	May 9, 2023 1:35 pm		15 cm white quartz vein 212 ^o strike, 80 ^o NW dip in basalt
748	304008E, 4967117N	249543 31C14D004	May 9, 2023 1:43 pm		Basalt, 3 cm quartz stringer striking 214 ^o crossed 0.5 cm quartz stringer striking 176 ^o , minor Fe carbonate alteration
749	304009E, 4967116N	249543 31C14D004	May 9, 2023 1:51 pm		Fine-grained dike, diabase? 150 ^o
750	304015E, 4967115N	249543 31C14D004	May 9, 2023 1:55 pm		Basalt, joints 245 ^o offset 2 cm wide quartz stringer with right-hand displacement
751	304014E, 4967108N	249543 31C14D004	May 9, 2023 2:12 pm		Basalt
752	304029E, 4967108N	249543 31C14D004	May 9, 2023 2:12 pm		Basalt
753	304117E, 4967070N	249543 31C14D004	May 9, 2023 2:18 pm		Creek, overburden
754	304136E, 4967047N	249543 31C14D004	May 9, 2023 2:21 pm		Greywacke with pyrite
755	3042119E, 4967034N	249543 31C14D004	May 9, 2023 2:25 pm		Greywacke with pyrite
756	3042129E, 4967016N	249543 31C14D004	May 9, 2023 2:31 pm		Basalt
757	3042151E, 4967015N	249543 31C14D004	May 9, 2023 2:34 pm		Basalt

Table 1. Waypoint Data: Black River North Property, Grimsthorpe Twp., Ontario

Waypoint	UTM Coordinates	CLAIM NUMBER, CELL NUMBER	DATE	ROCK SAMPLE NUMBER	NOTES
758	304203E, 4966983N	249543 31C14D004	May 9, 2023 3:39 pm	BRN23-1 BRN23-2	CHRISTIE-LAIDLAW SHOWING, BRN23-1 consists of dark quartz with arsenopyrite, BRN23-2 consists of sheared & silicified metasedimentary wallrock with arsenopyrite.
BRN23-3	304199E, 4966981N	249543 31C14D004	May 9, 2023 3:49 pm	BRN23-3	CHRISTIE-LAIDLAW SHOWING, dark quartz with arsenopyrite in 4 m wide shear striking 342 ^o , dipping 62 ^o W.
BRN23-4&5	304193E, 4966987N	249543 31C14D004	May 9, 2023 3:58 pm	BRN23-4 BRN23-5	CHRISTIE-LAIDLAW SHOWING, BRN23-4 consists of dark quartz with arsenopyrite, BRN23-5 consists of sheared & silicified metasedimentary wallrock with arsenopyrite
759	304211E, 4966999N	249543 31C14D004	May 9, 2023 4:10 pm		Mafic schist, 340 ^o , 58 ^o W
BRN23-6	304203E, 4967033N	249543 31C14D004	May 9, 2023 4:27 pm	BRN23-6	Rubblecrop, silicified, biotite metasedimentary with pyrite and possibly arsenopyrite.
BRN23-7	304191E, 4967048N	249543 31C14D004	May 9, 2023 4:40 pm	BRN23-7	Float, 50 cm x 30 cm felsic with white mica, Fe carbonate, <1cm quartz stringers, 30% fine-grained pyrite
BRN23-8&9	304054E, 4967162N	249543 31C14D004	May 9, 2023 4:57 pm	BRN23-8 BRN23-9 BRN23-20	BLACK RIVER NORTH PIT, sample BRN23-8 consisted of rusty sucrosic quartz with 10% arsenopyrite. Sample BRN23-9 consisted of felsic dike replacing quartz vein.
760	303830E, 4967301N	222560 31C14D003	May 10, 2023 10:13 am		Basalt
761	303827E, 4967322N	222560 31C14D003	May 10, 2023 10:14 am		Basalt rubblecrop
762	303850E, 4967344N	222560 31C14D003	May 10, 2023 10:16 am		Basalt rubblecrop
763	303886E, 4967344N	222560 31C14D003	May 10, 2023 10:20 am		Gabbro rubblecrop

Table 1. Waypoint Data: Black River North Property, Grimsthorpe Twp., Ontario

Waypoint	UTM Coordinates	CLAIM NUMBER, CELL NUMBER	DATE	ROCK SAMPLE NUMBER	NOTES
764	303921E, 4967301N	249543 31C14D004	May 10, 2023 10:13 am		Basalt
765	303927E, 4967311N	249543 31C14D004	May 10, 2023 10:28 am		Greywacke, pyrite
766	303949E, 4967293N	249543 31C14D004	May 10, 2023 10:38 am	BRN23-10	Possible lamprophyre float. 25 cm x 25 cm, black fine-grained mica (phlogopite?)
767	303953E, 4967261N	249543 31C14D004	May 10, 2023 11:06 am	BRN23-11	Float. 23 cm x 25 cm. Silicified, biotite metasediment with dark quartz stringers 1% arsenopyrite + pyrite
768	303946E, 4967241N	249543 31C14D004	May 10, 2023 11:17 am		Greywacke rubblecrop, pyrite
770	303940E, 4967240N	249543 31C14D004	May 10, 2023 11:21 am		Float, gabbro.
771	303940E, 4967230N	249543 31C14D004	May 10, 2023 11:27 am	BRN23-12	Brecciated basalt rubblecrop, with quartz + Fe carb matrix with 1% fine-grained pyrite.
772	303979E, 4967233N	249543 31C14D004	May 10, 2023 11:48 am		Float. Greywacke, pyrite
773	303989E, 4967252N	249543 31C14D004	May 10, 2023 11:53 am		Float. Greywacke, pyrite
774	3034048E, 4967244N	249543 31C14D004	May 10, 2023 12:14 am	BRN23-13	Gabbro, rusty.
775	3034040E, 4967239N	249543 31C14D004	May 10, 2023 12:20 am	BRN23-14	Fine-grained basalt near gabbro. Rusty.
776	3034054E, 4967246N	249543 31C14D004	May 10, 2023 12:46 am	BRN23-15	Float, 25 cm 15 cm. Quartz + felsic + white mica dike? On rusty gabbro.
777	3034088E, 4967240N	249543 31C14D004	May 10, 2023 1:00 am		Gabbro.

Table 1. Waypoint Data: Black River North Property, Grimsthorpe Twp., Ontario

Waypoint	UTM Coordinates	CLAIM NUMBER, CELL NUMBER	DATE	ROCK SAMPLE NUMBER	NOTES
778	3034062E, 4967206N	249543 31C14D004	May 10, 2023 1:31 am		Gabbro.
779	3034036E, 4967187N	249543 31C14D004	May 10, 2023 2:56 am	BRN23-16 BRN23-17	Silicified metasediment rubblecrop. <5cm dark quartz stringers with arsenopyrite and pyrite in wallrock.
780	304003E, 4967124N	249543 31C14D004	May 10, 2023 3:41 pm		15 cm white quartz vein 220 ⁰ strike, 85 ⁰ NW dip in basalt
781	3039006E, 4967114N	249543 31C14D004	May 10, 2023 3:45 pm		Basalt
782	304014E, 4967112N	249543 31C14D004	May 10, 2023 3:47 pm		3 cm white quartz stringer 192 ⁰ strike in basalt
783	303915E, 4967118N	249543 31C14D004	May 10, 2023 3:50 pm		Basalt
784	304027E, 4967102N	249543 31C14D004	May 10, 2023 3:53 pm		Basalt, edge of low.
785	304069E, 4967145N	249543 31C14D004	May 10, 2023 4:15 pm	BRN23-19	Float, felsic with thin quartz stringers and minor pyrrhotite.
786	304070E, 4967146N	249543 31C14D004	May 10, 2023 4:15 pm		
787	304085E, 4967137N	249543 31C14D004	May 10, 2023 4:24 pm		Float. Greywacke.
788	304090E, 4967138N	249543 31C14D004	May 10, 2023 4:30 pm		Float. Greywacke, pyrite
789	304094E, 4967113N	249543 31C14D004	May 10, 2023 4:38 pm		Overburden, maple.
790	304141E, 4967087N	249543 31C14D004	May 10, 2023 4:47 pm		Float. Greywacke, pyrite
791	304138E, 4967117N	249543 31C14D004	May 10, 2023 4:55 pm		Greywacke, pyrite, 120 ⁰ , 65 ⁰ SW

Table 1. Waypoint Data: Black River North Property, Grimsthorpe Twp., Ontario

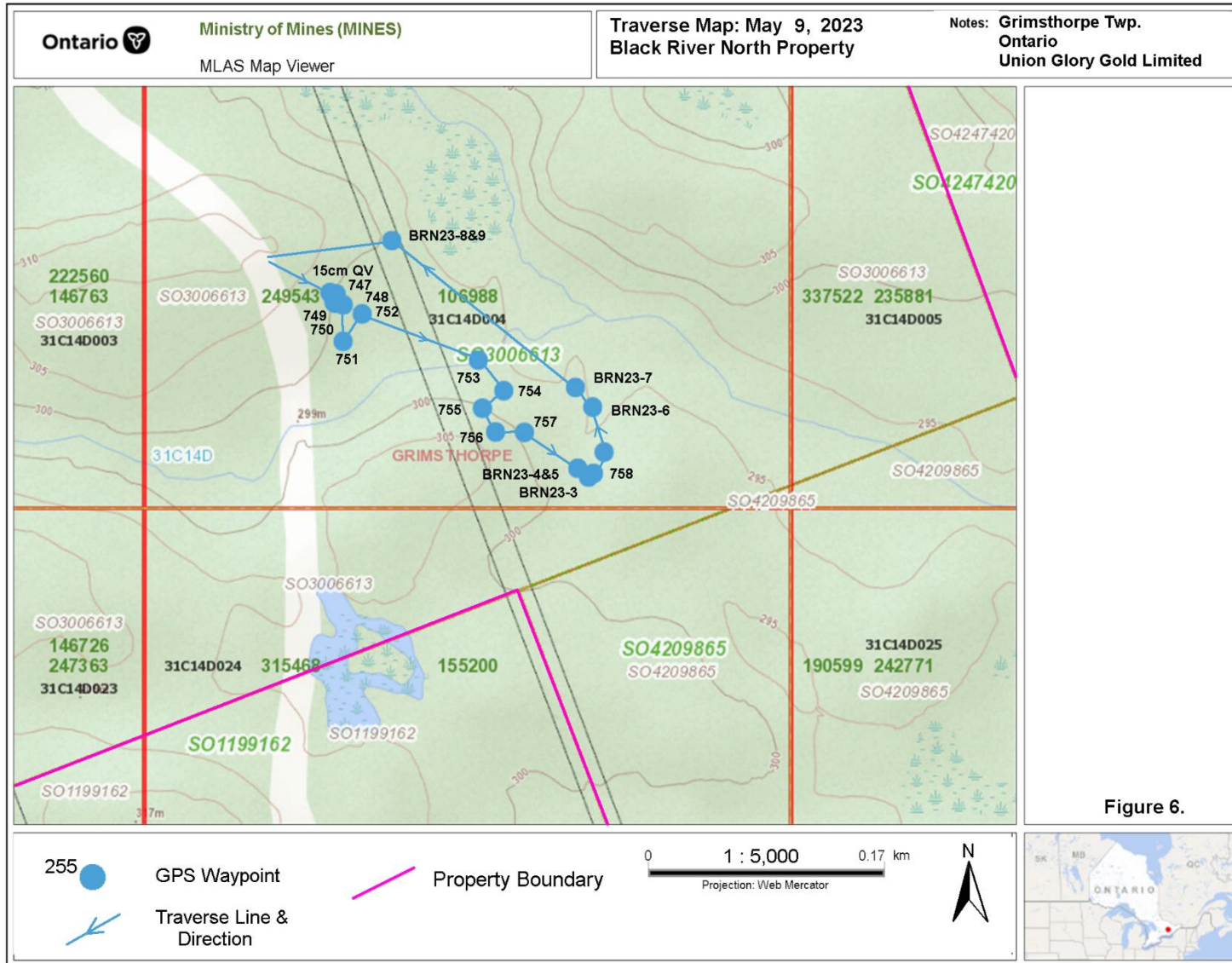
Waypoint	UTM Coordinates	CLAIM NUMBER, CELL NUMBER	DATE	ROCK SAMPLE NUMBER	NOTES
792	304120E, 4967146N	249543 31C14D004	May 10, 2023 5:03 pm		Greywacke, pyrite
793	304059E, 4967168N	249543 31C14D004	May 10, 2023 5:18 pm		Felsic? Rusty, rubblecrop.
794	303926E, 4967195N	249543 31C14D004	May 10, 2023 5:40 pm		Gabbro
795	304073E, 4967027N	249543 31C14D004	May 11, 2023 10:07 am		Basalt
796	304099E, 4967047N	249543 31C14D004	May 11, 2023 10:09 am		Basalt
797	304238E, 4966921N	315468 31C14D024	May 11, 2023 10:26 am		Greywacke, pyrite, rubblecrop.
798	304262E, 4966918N	315468 31C14D024	May 11, 2023 10:33 am	BRN23-21	Chlorite schist with trace pyrite, lamprophyre? Rubblecrop.
799	304276E, 4966905N	315468 31C14D024	May 11, 2023 10:47 am		Float. Greywacke, pyrite
800	304326E, 4966911N	315468 31C14D024	May 11, 2023 10:51 am		Float. Greywacke, pyrite
801	304336E, 4966909N	315468 31C14D024	May 11, 2023 10:53 am		Basalt
802	304381E, 4966899N	242771 31C14D025	May 11, 2023 10:55 am		Basalt
803	304381E, 4966899N	242771 31C14D025	May 11, 2023 10:55 am		White quartz float. Basalt
804	304490E, 4966962N	337522 31C14D005	May 11, 2023 10:55 am	BRN23-22 BRN23-23	PINE ZONE 15 cm dark quartz vein with silicide + biotite altered wallrock fragments. Silver arsenopyrite occurs in silicified + biotite altered metasediment wallrock and fragments in vein. Vein strikes 94 ⁰ , dips 40 ⁰ SW. Zone in greywacke which strikes 120 ⁰ , dips 65-85 ⁰ SW.

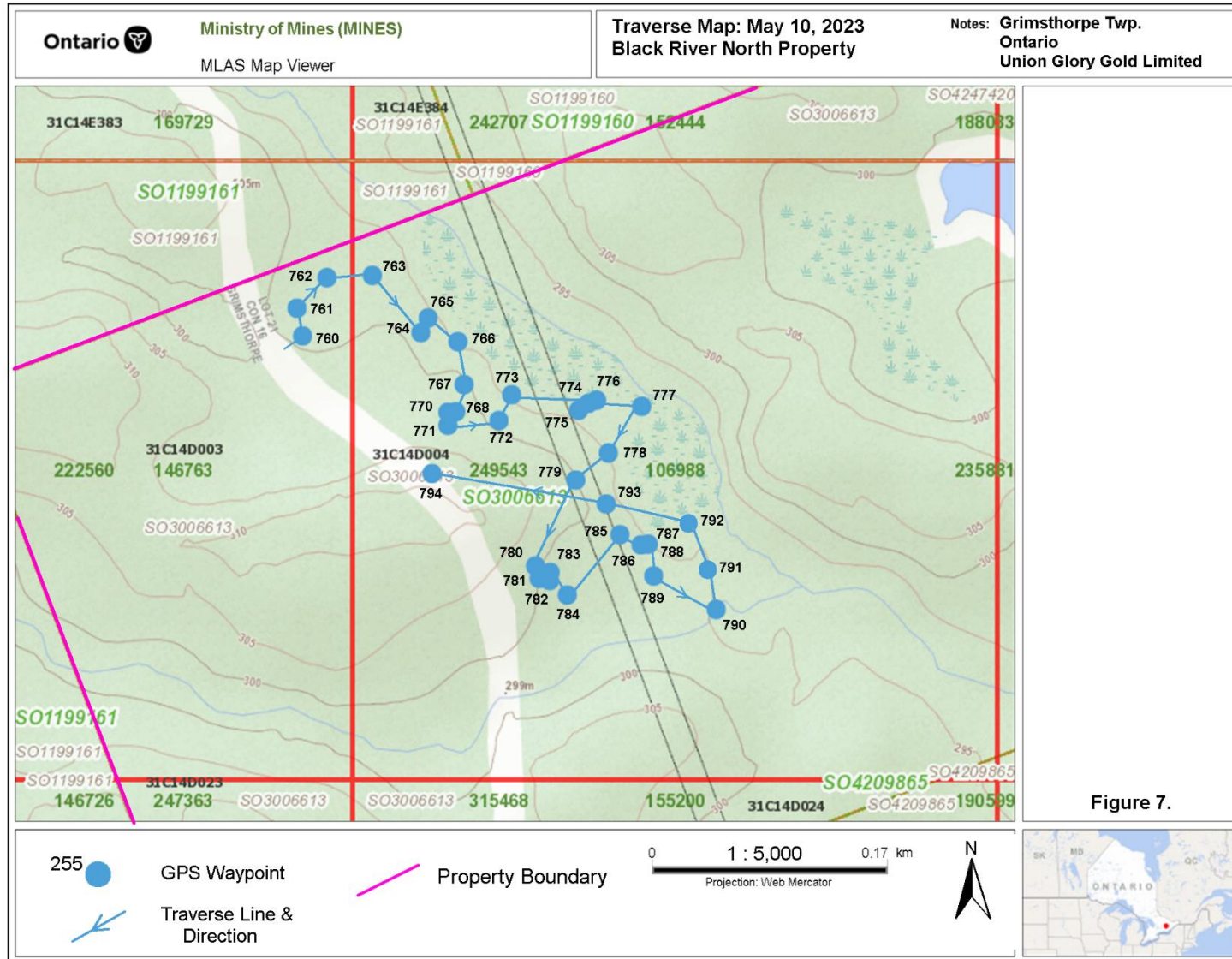
Table 1. Waypoint Data: Black River North Property, Grimsthorpe Twp., Ontario

Waypoint	UTM Coordinates	CLAIM NUMBER, CELL NUMBER	DATE	ROCK SAMPLE NUMBER	NOTES
805	304493E, 4966945N	242771 31C14D025	May 11, 2023 12:36 pm		Greywacke, pyrite
806	304533E, 4966907N	242771 31C14D025	May 11, 2023 12:50 pm		Basalt
807	304599E, 4966890N	242771 31C14D025	May 11, 2023 12:54 pm		Greywacke, pyrite, float
808	304599E, 4966895N	242771 31C14D025	May 11, 2023 12:58 pm		Greywacke, pyrite, trench.
809	304638E, 4966876N	242771 31C14D025	May 11, 2023 1:15 pm		Greywacke, pyrite, felsic dike 0.65 m strike 118 ⁰ , steep W.
810, 811	304629E, 4966882N	242771 31C14D025	May 11, 2023 1:20 pm		Greywacke, 85 ⁰ , dip 70 ⁰ S, Gabbro.
812	304575E, 4966870N	242771 31C14D025	May 11, 2023 2:28 pm		Overburden, white pine.
813	304549E, 4966875N	242771 31C14D025	May 11, 2023 2:30 pm		Basalt, rubblecrop.
814	304539E, 4966869N	242771 31C14D025	May 11, 2023 2:32 pm		Gabbro
815	304509E, 4966884N	242771 31C14D025	May 11, 2023 2:35 pm		Basalt
816	304472E, 4966926N	242771 31C14D025	May 11, 2023 2:40 pm		Basalt
817	304435E, 4966938N	242771 31C14D025	May 11, 2023 2:43 pm		Basalt
818	304390E, 4966996N	337522 31C14D005	May 11, 2023 2:53 pm		Greywacke, pyrite

Table 1. Waypoint Data: Black River North Property, Grimsthorpe Twp., Ontario

Waypoint	UTM Coordinates	CLAIM NUMBER, CELL NUMBER	DATE	ROCK SAMPLE NUMBER	NOTES
819	304392E, 4966993N	337522 31C14D005	May 11, 2023 3:16 pm		Greywacke, pyrite, 86 ⁰ , dip 78 ⁰ S
820	304269E, 4966917N	249543 31C14D004	May 11, 2023 3:27 pm		White quartz float.
821	304298E, 4967008N	249543 31C14D004	May 11, 2023 3:28 pm		Overburden, alders.
822	304267E, 4966920N	249543 31C14D004	May 11, 2023 3:30 pm		Basalt
823	304245E, 4967043N	249543 31C14D004	May 11, 2023 3:35 pm		Greywacke, rusty, pyrite.
824	304245E, 4967044N	249543 31C14D004	May 11, 2023 3:35 pm		Phyllite, rusty, pyrite.
825	304234E, 4967043N	249543 31C14D004	May 11, 2023 3:35 pm		Phyllite, rusty, pyrite.
826	304206E, 4967083N	249543 31C14D004	May 11, 2023 3:52 pm		Basalt, trace pyrrhotite.
827	304198E, 4967090N	249543 31C14D004	May 11, 2023 3:54 pm		Basalt, phyllite, rusty. Creek mouth
828	304193E, 4967109N	249543 31C14D004	May 11, 2023 4:05 pm		Phyllite, greywacke, rusty.
829	304177E, 4967114N	249543 31C14D004	May 11, 2023 4:11 pm		Greywacke, basalt.
830	304166E, 4967124N	249543 31C14D004	May 11, 2023 4:17 pm		Interbedded greywacke, felsic dike?, basalt. 188 ⁰ , dip W
831	304142E, 4967142N	249543 31C14D004	May 11, 2023 4:52 pm		Float. Greywacke, basalt. Edge of swamp, alders.
832	304144E, 4967152N	249543 31C14D004	May 11, 2023 5:08 pm	BRN23-24 BRN23-25	Grey quartz vein 25 cm strike 98 ⁰ , dip 45 ⁰ W, 5% fine-grained pyrite and arsenopyrite.





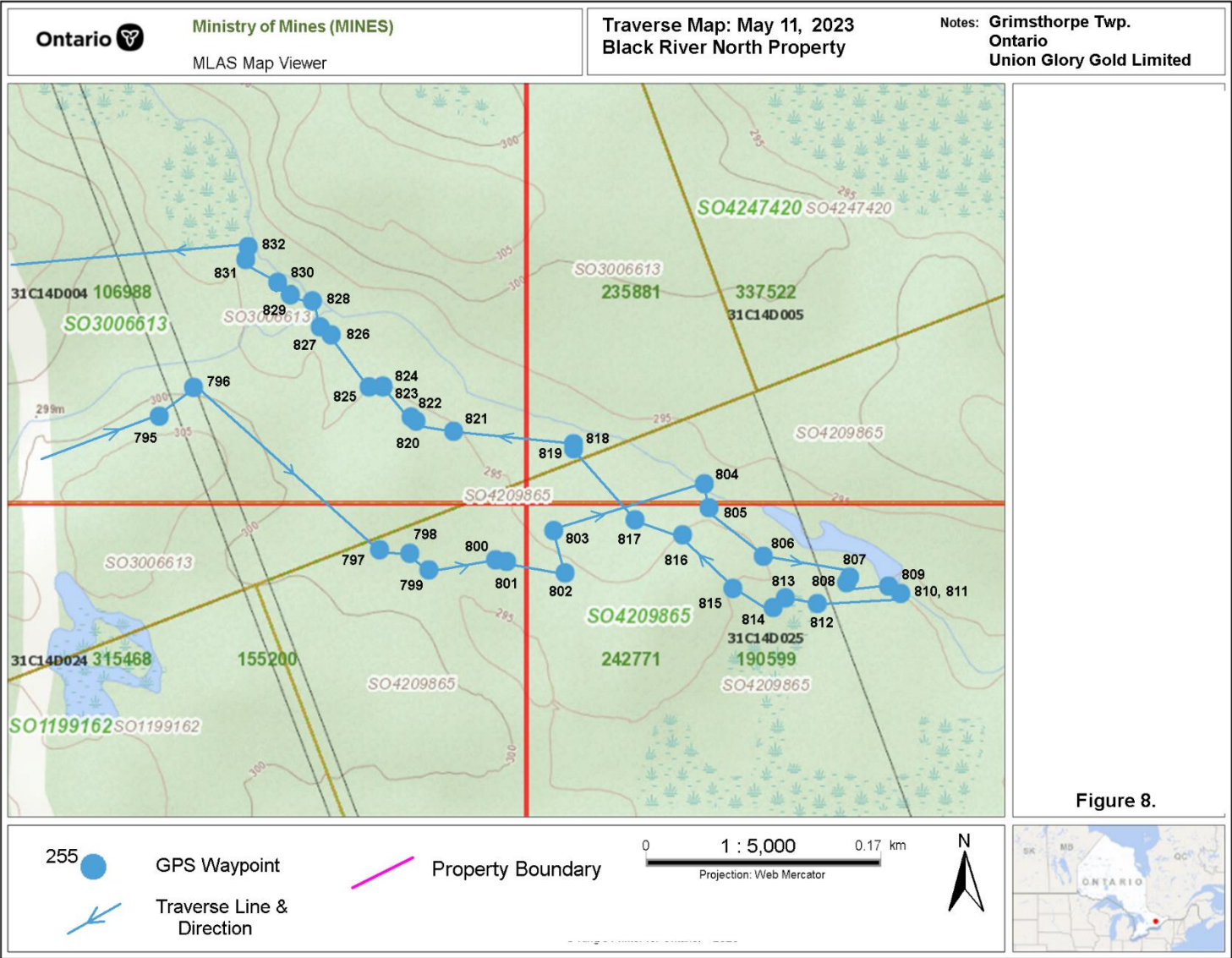


Table 2. Rock Sample Locations and Gold Assays
Black River North Property, Grimsthorpe Township, Ontario NAD 83 Zone 17

Waypoint	UTM Easting Northing	Claim Cell	Au ppm	Notes
BRN23-1	304203E, 4966983N	249543, 32C14D004	4.59	CHRISTIE-LAIDLAW SHOWING, representative 0.15 m dark quartz vein with wallrock fragments and arsenopyrite.
BRN23-2	304203E, 4966983N	249543, 32C14D004	5.68	CHRISTIE-LAIDLAW SHOWING, representative 0.25 m sheared & silicified metasedimentary wallrock with arsenopyrite.
BRN23-3	304199E, 4966981N	249543, 32C14D004	3.81	CHRISTIE-LAIDLAW SHOWING, best, dark quartz with arsenopyrite in 4 m wide shear striking 342 ^o , dipping 62 ^o W.
BRN23-4	304193E, 4966987N	249543, 32C14D004	4.70	CHRISTIE-LAIDLAW SHOWING, representative 0.20 m dark quartz with arsenopyrite
BRN23-5	304193E, 4966987N	249543, 32C14D004	2.32	CHRISTIE-LAIDLAW SHOWING, representative 0.20 m sheared & silicified metasedimentary wallrock with arsenopyrite
BRN23-6	304203E, 4967033N	249543, 32C14D004	0.011	Rubblecrop, silicified, biotite metasedimentary with pyrite and possibly arsenopyrite.
BRN23-7	304191E, 4967048N	249543, 32C14D004	0.062	Float, 50 cm x 30 cm felsic with white mica, Fe carbonate, <1cm quartz stringers, 30% fine-grained pyrite
BRN23-8	304054E, 4967162N	249543, 32C14D004	2.33	BLACK RIVER NORTH PIT, represent 0.45 m, rusty sucrosic quartz with 10% arsenopyrite.
BRN23-9	304054E, 4967162N	249543, 32C14D004	0.017	BLACK RIVER NORTH PIT, represent 0.50 m, felsic aplite dike replacing quartz vein.
BRN23-10	303949E, 4967293N	249543, 32C14D004	0.001	Possible lamprophyre float. 25 cm x 25 cm, black fine-grained mica (phlogopite?)
BRN23-11	303953E, 4967261N	249543, 32C14D004	0.811	Float. 23 cm x 25 cm. Silicified, biotite metasediment with dark quartz stringers 1% arsenopyrite + pyrite
BRN23-12	303940E, 4967230N	249543, 32C14D004	0.003	Brecciated basalt rubblecrop, with quartz + Fe carb matrix with 1% fine-grained pyrite.
BRN23-13	3034048E, 4967244N	249543, 32C14D004	<0.001	Gabbro, rusty. Representative. 1 m
BRN23-14	3034040E, 4967239N	249543, 32C14D004	0.001	Fine-grained basalt near gabbro. Rusty. Representative 1 m
BRN23-15	3034054E, 4967246N	249543, 32C14D004	0.004	Float, 25 cm 15 cm. Quartz + felsic + white mica dike? On rusty gabbro.

Table 2. Rock Sample Locations and Gold Assays
Black River North Property, Grimsthorpe Township, Ontario NAD 83 Zone 17

Waypoint	UTM Easting Northing	Claim Cell	Au ppm	Notes
BRN23-16	3034036E, 4967187N	249543, 32C14D004	0.018	Best grab 2 m. Silicified metasediment rubblecrop. <5cm dark quartz stringers with arsenopyrite and pyrite in wallrock.
BRN23-17	3034036E, 4967187N	249543, 32C14D004	0.031	Best grab, 2 m. Silicified metasediment rubblecrop. <5cm dark quartz stringers with arsenopyrite and pyrite in wallrock.
BRN23-18	304059E, 4967168N	249543, 32C14D004	0.009	Felsic? Rusty, rubblecrop. Best, grab. 1 m
BRN23-19	304069E, 4967145N	249543, 32C14D004	1.76	Float, felsic with thin quartz stringers and minor pyrrhotite.
BRN23-20	304054E, 4967162N	249543, 32C14D004	2.12	BLACK RIVER NORTH PIT, represent 0.45 m, rusty sucrosic quartz with 10% arsenopyrite.
BRN23-21	304262E, 4966918N	315468 31C14D024	0.003	Chlorite schist with trace pyrite, lamprophyre? Rubblecrop.
BRN23-22	304490E, 4966962N	337522 31C14D005	0.408	PINE ZONE representative, 0.15 m dark quartz vein with silicide + biotite altered wallrock fragments. Silver arsenopyrite occurs in silicified + biotite altered metasediment wallrock and fragments in vein. Vein strikes 94 ⁰ , dips 40 ⁰ SW. Zone in greywacke which strikes 120 ⁰ , dips 65-85 ⁰ SW
BRN23-23	304490E, 4966962N	337522 31C14D005	0.437	PINE ZONE representative, 0.15 m, 3 m NW from BRN23-22, dark quartz vein with silicide + biotite altered wallrock fragments. Silver arsenopyrite occurs in silicified + biotite altered metasediment wallrock and fragments in vein. Vein strikes 94 ⁰ , dips 40 ⁰ SW. Zone in greywacke which strikes 120 ⁰ , dips 65-85 ⁰ SW
BRN23-24	304144E, 4967152N	249543 31C14D004	0.006	Grey quartz vein, representative 0.25 m strike 98 ⁰ , dip 45 ⁰ W, 5% fine-grained pyrite and arsenopyrite.
BRN23-25	304144E, 4967152N	249543 31C14D004	0.003	Grey quartz vein 0.25 m representative, 2 m NW from BRN23-24 strike 98 ⁰ , dip 45 ⁰ W, 5% fine-grained pyrite and arsenopyrite.

Table 3. Rare Earth Data: Black River North Property, Grimsthorpe Twp., Ontario

Sample Number	UTM Northing Easting	Claim Cell	Rock Type	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nd ppm	Pr ppm	Tb ppm	Tm ppm	Sm ppm	Y ppm	Yb ppm	RRE Total ppm
BRN23-7	304191E, 4967048N	249543, 32C14D004	Felsic aplite Dike	24.2	1.14	0.84	0.57	1.12	0.25	11.1	0.19	8	2.45	0.17	0.16	1.4	8.5	0.9	60.99
BRN23-9	304054E, 4967162N	249543, 32C14D004	Felsic aplite Dike	38.8	3.29	1.86	1.17	3.43	0.68	17.8	0.30	20	4.74	0.55	0.30	4.1	17.0	1.9	115.92
BRN23-10	303949E, 4967293N	249543, 32C14D004	Lamprophyre dike?	14.6	3.26	2.34	0.71	3.00	0.74	6.0	0.32	10	2.14	0.52	0.33	2.4	19.3	2.3	67.96
BRN23-18	304069E, 4967145N	249543, 32C14D004	Felsic Dike White mica	29.5	1.80	1.19	0.85	1.91	0.37	15.7	0.23	12	3.35	0.31	0.21	2.2	10.8	1.3	81.72
BRN23-21	304262E, 4966918N	315468 31C14D024	Lamprophyre dike?	23.7	3.34	1.91	0.89	3.78	0.69	10.1	0.23	14	3.23	0.56	0.24	3.6	15.1	1.4	82.77
Crustal Average				20 - 46	4.5 - 7.5	2.5 - 6.5	0.14 - 1.1	4.6 - 6.4	0.7 - 1.2	5 - 18	0.8 - 1.7	12 - 24	3.5 - 5.5	0.7 - 1.0	0.2 - 1.0	4.5 - 7.0	28 - 70	2.7 - 8.0	89.8 - 204.9



BRN23-1 4.59 ppm Au



BRN23-2 5.68 ppm Au



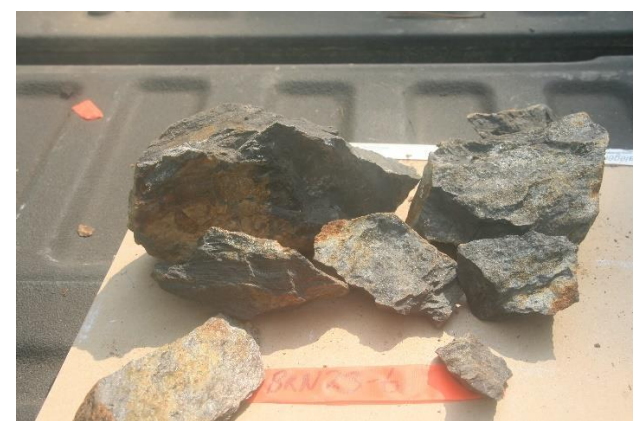
BRN23-3 3.81 ppm Au



BRN23-4 4.70 ppm Au



BRN23-5 2.32 ppm Au



BRN23-6 0.11 ppm Au



BRN23-7 0.62 ppm Au



BRN23-8 2.33 ppm Au



BRN23-9 0.17 ppm Au



BRN23-10 0.001 ppm Au



BRN23-11 0.811 ppm Au



BRN23-12 0.003 ppm Au



BRN23-13 <0.001 ppm Au



BRN23-14 0.001 ppm Au



BRN23-15 0.004 ppm Au



BRN23-16 0.18 ppm Au



BRN23-17 0.031 ppm Au



BRN23-18 0.009 ppm Au



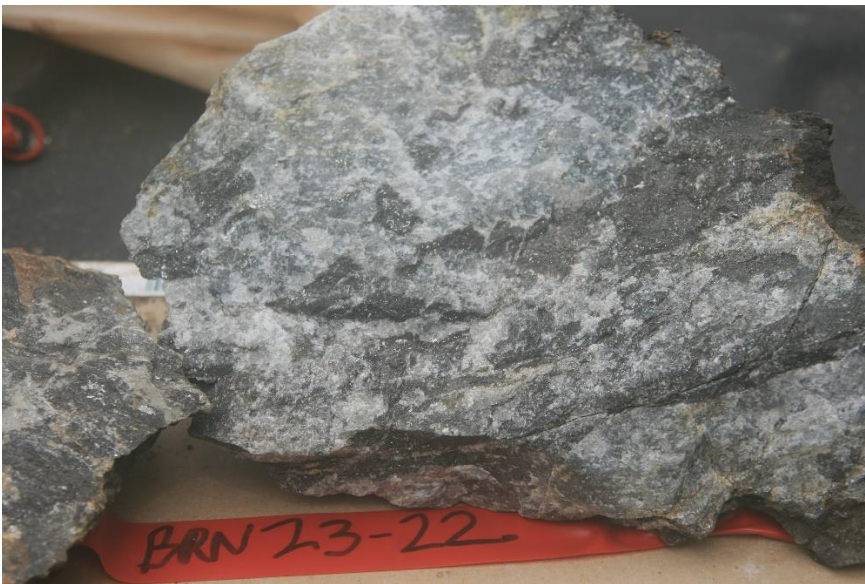
BRN23-19 1.76 ppm Au



BRN23-20 2.12 ppm Au



BRN23-21 0.003 ppm Au



BRN23-22 0.408 ppm Au



BRN23-23 0.437 ppm Au



BRN23-24 0.006 ppm Au



BRN23-25 0.003 ppm Au

Five (5) samples were assayed for Rare Earth Elements (REE's) and Critical Minerals. Results are summarized in Table 3. Assay results show the range of REE's concentrations within crustal averages although slightly elevated in aplite dike samples compared to potential lamprophyre and white-mica rich samples. Potential lamprophyre samples show higher concentrations on Mg, Mn. Arsenic in gold rich samples is listed as a Critical Mineral in the United States.

Discussion of Results

The area prospected is part of the upper beds of the Grimsthorpe Group situated adjacent to the unconformity with the Canniff Complex. This horizon is very favorable for gold mineralization. The mineralization on the property is similar in style to gold mineralization in the Heron Pond Zone on the Black River South Property located 4.1 km to the southeast. The upper metasedimentary unit of the Grimsthorpe Group has also been intruded by felsic aplite dikes and lamprophyre which are potential targets for rare earth elements and diamond. Petrographic examination is needed to confirm these rocks.

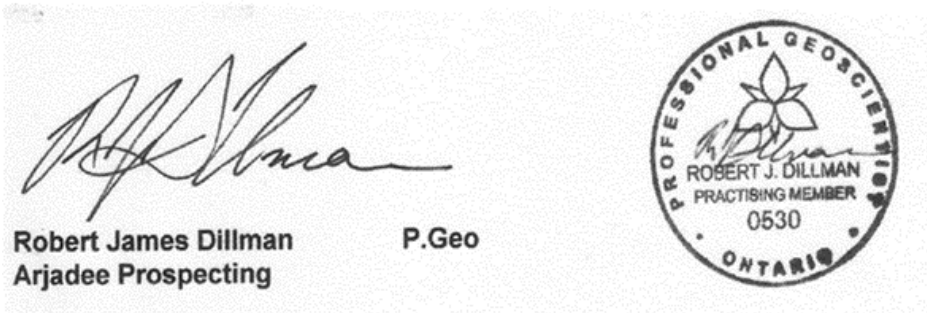
In June of 2022, the property was hit by a strong Derecho windstorm causing considerable amount of fallen tree damage making traversing very difficult in some areas and limited the coverage of the property during this survey. However, the windstorm up-rooted many trees which provided many new exposures of bedrock and increasing the possibility new mineralization will be found. Further prospecting is strongly encouraged.

Conclusions and Recommendations

The gold occurrences on the Black River North Property are part of a series of metasedimentary hosted gold occurrences spatially associated with the unconformity between the Canniff Complex and the Tudor Formation of the Grimsthorpe Group. Based on the results of the work to date, further exploration work is warranted to further evaluate the potential of the property. It is recommended additional prospecting, geological mapping and overburden stripping be undertaken to further evaluate the known gold occurrences and the mineral potential of the property. The cost of the proposed work is \$30,000 and outlined as follows:

Prospecting	5,000
Geological Mapping	10,000
Overburden stripping	10,000
Assays	<u>5,000</u>
	\$30,000

Respectfully submitted,



Robert James Dillman P.Ge
Arjadee Prospecting

Robert Dillman B.Sc. P.Ge.
July 20, 2023

References

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- Meen, V. B. 1942.** Geology of Grimsthorpe-Barrie Area, Ontario Department of Mines, Vol. 51, pt. 4, p. 1-50 (with Map 51d: published 1944).

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Phone/ fax (519) 264-9278

CERIFICATE of AUTHOR

I, Robert J. Dillman, Professional Geologist, do certify that:

1. I am the President and the holder of a Certificate of Authorization for:

ARJADEE PROSPECTING
8901 Reily Drive, Mount Brydges, Ontario, Canada N0L 1W0

2. I graduated in 1991 with a Bachelor of Science Degree in Geology from the University of Western Ontario.

3. I am an active member of:

Professional Geoscientists of Ontario, PGO
Prospectors and Developers Association of Canada, PDAC

4. I have been a licensed Prospector in Ontario since 1984.

5. I have worked continuously as a Professional Geologist for 31 years.


6. Unless stated otherwise, I am responsible for the preparation of all sections of the Assessment Report titled:


REPORT ON PROSPECTING AND ROCK SAMPLING ON THE BLACK RIVER NORTH PROPERTY
GRIMSTHORPE TOWNSHIP, ONTARIO. For: UNION GLORY GOLD LIMITED

dated, July 20, 2023

7. I am not aware of any material fact or material change with respect to the subject matter of the Assessment Report that is not contained in the Assessment Report and its omission to disclose makes the Assessment Report misleading.

Dated this 21th day of July, 2023


Robert James Dillman P.Geo
Arjadee Prospecting





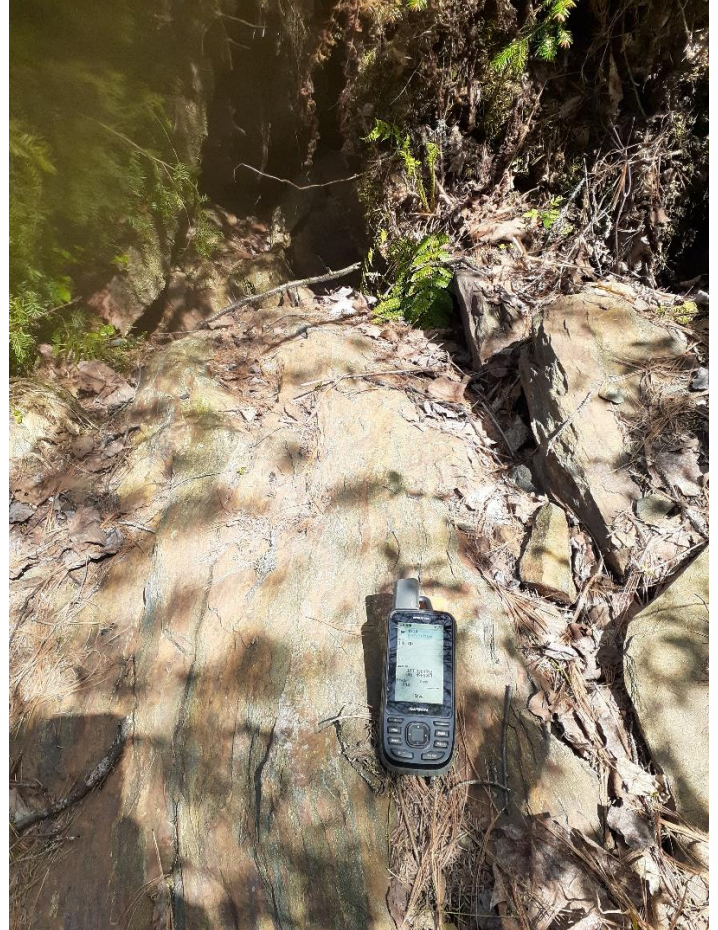
Black River North Pit. Note aplite dike (right), vein (left), looking south. 304054mE, 4967162mN



Pine Showing: Vein runs along waters edge. Looking north. 304490mE, 4966962mN



Christie-Laidlaw Showing, looking west.
304203mE, 4966983mN



Waypoint 819: Rusty greywacke, looking south.
304392mE, 4966993mN



Waypoint 830: Interbedded greywacke, felsic and basalt close to unconformity. Looking southeast, 304166mE, 4967124mN



Waypoint 767: Silicified greywacke with sucrosic quartz stringers and arsenopyrite. Looking west. 303953mE, 4967261mN



CLIENT NAME: ROBERT DILLMAN
8901 REILY DRIVE
MOUNT BRYDGES, ON N0L 1W0
519-264-9278

ATTENTION TO: ROBERT DILLMAN

PROJECT:

AGAT WORK ORDER: 23T029314

FIRE ASSAY REVIEWED BY: Mark Scheible, Report Writer

FINAL REVIEW REVIEWED BY: Mark Scheible, Report Writer

PRODUCTION CHEMISTRY REVIEWED BY: Mark Scheible, Report Writer

SOLID ANALYSIS REVIEWED BY: Mark Scheible, Report Writer

DATE REPORTED: Jun 15, 2023

PAGES (INCLUDING COVER): 14

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*Notes

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 90 days following analysis, unless expressly agreed otherwise in writing. Please contact your Client Project Manager if you require additional sample storage time.
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- All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.



Certificate of Analysis

AGAT WORK ORDER: 23T029314

PROJECT:

5623 McADAM ROAD
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 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: May 28, 2023

DATE RECEIVED: May 29, 2023

DATE REPORTED: Jun 15, 2023

SAMPLE TYPE: Rock

Analyte:	Unit:	RDL:
Au	ppm	0.001
Sample ID (AGAT ID)		
BRN23-1 (5022848)		4.59
BRN23-2 (5022849)		5.68
BRN23-3 (5022850)		3.81
BRN23-4 (5022851)		4.70
BRN23-5 (5022852)		2.32
BRN23-6 (5022853)		0.011
BRN23-7 (5022854)		0.062
BRN23-8 (5022855)		2.33
BRN23-9 (5022856)		0.017
BRN23-10 (5022857)		0.001
BRN23-11 (5022858)		0.811
BRN23-12 (5022859)		0.003
BRN23-13 (5022860)		<0.001
BRN23-14 (5022861)		0.001
BRN23-15 (5022862)		0.004
BRN23-16 (5022863)		0.018
BRN23-17 (5022864)		0.031
BRN23-18 (5022865)		0.009
BRN23-19 (5022866)		1.76
BRN23-20 (5022867)		2.12
BRN23-21 (5022868)		0.003
BRN23-22 (5022869)		0.408
BRN23-23 (5022870)		0.437
BRN23-24 (5022871)		0.006
BRN23-25 (5022872)		0.003

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 23T029314

PROJECT:

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MISSISSAUGA, ONTARIO
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<http://www.agatlabs.com>

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: May 28, 2023		DATE RECEIVED: May 29, 2023					DATE REPORTED: Jun 15, 2023					SAMPLE TYPE: Rock				
Analyte:	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy		
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Sample ID (AGAT ID)	RDL:	0.01	5	20	10	5	0.1	0.01	5	0.1	1	10	0.1	10	0.05	
BRN23-7 (5022854)		8.83	22	56	787	<5	0.4	0.84	<5	24.2	7	190	1.1	54	1.14	
BRN23-9 (5022856)		9.15	74	70	288	<5	0.1	2.39	<5	38.8	2	150	1.2	14	3.29	
BRN23-10 (5022857)		7.98	<5	132	306	<5	<0.1	5.02	<5	14.6	16	300	11.8	<10	3.26	
BRN23-18 (5022865)		9.61	20	71	1290	<5	1.2	1.14	<5	29.5	10	120	2.1	47	1.80	
BRN23-21 (5022868)		7.62	26	142	281	<5	<0.1	2.20	<5	23.7	27	500	1.9	<10	3.34	
Analyte:	Er	Eu	Fe	Ga	Gd	Ge	Ho	In	K	La	Li	Lu	Mg	Mn		
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm		
Sample ID (AGAT ID)	RDL:	0.05	0.05	0.01	0.5	0.05	1	0.05	0.2	0.05	0.1	10	0.05	0.01	10	
BRN23-7 (5022854)		0.84	0.57	1.76	26.9	1.12	1	0.25	<0.2	1.72	11.1	15	0.19	0.21	124	
BRN23-9 (5022856)		1.86	1.17	3.41	21.3	3.43	1	0.68	<0.2	1.77	17.8	19	0.30	0.99	312	
BRN23-10 (5022857)		2.34	0.71	9.21	17.8	3.00	1	0.74	<0.2	4.57	6.0	56	0.32	4.50	2560	
BRN23-18 (5022865)		1.19	0.85	2.64	22.1	1.91	2	0.37	<0.2	2.81	15.7	18	0.23	0.58	102	
BRN23-21 (5022868)		1.91	0.89	8.59	15.3	3.78	2	0.69	<0.2	1.84	10.1	38	0.23	5.74	1290	
Analyte:	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Se	Si	Sm		
Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm		
Sample ID (AGAT ID)	RDL:	2	5	1	10	0.01	1	0.05	0.01	1	10	5	0.1	0.1		
BRN23-7 (5022854)		<2	14	8	11	<0.01	13	2.45	53	0.49	<1	<10	<5	33.0	1.4	
BRN23-9 (5022856)		<2	10	20	<10	0.12	9	4.74	62	0.52	<1	<10	<5	31.4	4.1	
BRN23-10 (5022857)		<2	6	10	84	0.06	7	2.14	195	0.12	<1	28	<5	21.8	2.4	
BRN23-18 (5022865)		<2	14	12	18	0.01	8	3.35	112	0.86	<1	<10	<5	31.8	2.2	
BRN23-21 (5022868)		<2	9	14	115	0.08	2	3.23	55	0.02	<1	34	<5	24.0	3.6	
Analyte:	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb		
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Sample ID (AGAT ID)	RDL:	2	10	0.5	0.05	5	0.1	0.01	0.5	0.05	0.5	10	5	0.5	0.1	
BRN23-7 (5022854)		7	164	1.5	0.17	<5	29.9	0.08	0.7	0.16	14.0	<10	<5	8.5	0.9	
BRN23-9 (5022856)		3	360	1.3	0.55	<5	6.0	0.40	1.0	0.30	2.6	63	<5	17.0	1.9	
BRN23-10 (5022857)		3	77	1.2	0.52	<5	0.8	0.67	3.6	0.33	0.5	213	<5	19.3	2.3	
BRN23-18 (5022865)		13	299	1.6	0.31	<5	35.8	0.09	1.6	0.21	12.5	<10	<5	10.8	1.3	
BRN23-21 (5022868)		2	71	1.2	0.56	<5	1.7	0.70	0.7	0.24	0.8	269	<5	15.1	1.4	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 23T029314

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: May 28, 2023

DATE RECEIVED: May 29, 2023

DATE REPORTED: Jun 15, 2023

SAMPLE TYPE: Rock

Analyte:	Zn
Unit:	ppm
RDL:	10
Sample ID (AGAT ID)	
BRN23-7 (5022854)	<10
BRN23-9 (5022856)	39
BRN23-10 (5022857)	320
BRN23-18 (5022865)	11
BRN23-21 (5022868)	138

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 23T029314

PROJECT:

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 MISSISSAUGA, ONTARIO
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CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

(200-) Sample Login Weight

DATE SAMPLED: May 28, 2023

DATE RECEIVED: May 29, 2023

DATE REPORTED: Jun 15, 2023

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Login Weight
	Unit:	kg
	RDL:	0.01
BRN23-1 (5022848)		2.04
BRN23-2 (5022849)		1.78
BRN23-3 (5022850)		2.26
BRN23-4 (5022851)		1.87
BRN23-5 (5022852)		2.14
BRN23-6 (5022853)		3.95
BRN23-7 (5022854)		1.84
BRN23-8 (5022855)		4.16
BRN23-9 (5022856)		3.2
BRN23-10 (5022857)		1.03
BRN23-11 (5022858)		3.13
BRN23-12 (5022859)		2.55
BRN23-13 (5022860)		1.82
BRN23-14 (5022861)		2.71
BRN23-15 (5022862)		2.90
BRN23-16 (5022863)		3.56
BRN23-17 (5022864)		5.61
BRN23-18 (5022865)		3.5
BRN23-19 (5022866)		3.58
BRN23-20 (5022867)		2.37
BRN23-21 (5022868)		2.08
BRN23-22 (5022869)		2.79
BRN23-23 (5022870)		2.63
BRN23-24 (5022871)		1.54
BRN23-25 (5022872)		1.36

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 23T029314

PROJECT:

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CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

Sieving - % Passing (Crushing)

DATE SAMPLED: May 28, 2023

DATE RECEIVED: May 29, 2023

DATE REPORTED: Jun 15, 2023

SAMPLE TYPE: Rock

	Analyte:	Crush-Pass
		%
	Unit:	%
Sample ID (AGAT ID)	RDL:	0.01
BRN23-1 (5022848)		77.85
BRN23-21 (5022868)		77.45

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 23T029314

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

Sieving - % Passing (Pulverizing)

DATE SAMPLED: May 28, 2023

DATE RECEIVED: May 29, 2023

DATE REPORTED: Jun 15, 2023

SAMPLE TYPE: Rock

	Analyte: Pul-Pass %	Unit: %
Sample ID (AGAT ID)	RDL:	0.01
BRN23-1 (5022848)		87.90
BRN23-19 (5022866)		90.16

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Insufficient Sample : IS

Sample Not Received : SNR

Certified By:



CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Al	5022868	7.62	7.64	0.3%														
As	5022868	26	28	9%														
B	5022868	142	130	8.5%														
Ba	5022868	281	282	0.2%														
Be	5022868	<5	<5	0%														
Bi	5022868	<0.1	<0.1	0%														
Ca	5022868	2.20	2.22	0.9%														
Cd	5022868	<5	<5	0%														
Ce	5022868	23.7	23.7	0.2%														
Co	5022868	27	27	3.3%														
Cr	5022868	500	490	2.0%														
Cs	5022868	1.9	2.1	10.7%														
Cu	5022868	<10	<10	0.0%														
Dy	5022868	3.34	3.39	1.5%														
Er	5022868	1.91	1.89	1.1%														
Eu	5022868	0.89	0.84	4.9%														
Fe	5022868	8.59	8.62	0.3%														
Ga	5022868	15.3	15.1	1.6%														
Gd	5022868	3.78	3.79	0.3%														
Ge	5022868	2	1	34.8%														
Ho	5022868	0.69	0.70	0.6%														
In	5022868	<0.2	<0.2	0%														
K	5022868	1.84	1.84	0.0%														
La	5022868	10.1	10.1	0.2%														
Li	5022868	38	38	0.6%														
Lu	5022868	0.23	0.25	8.4%														
Mg	5022868	5.74	5.76	0.3%														
Mn	5022868	1290	1300	0.1%														
Mo	5022868	<2	<2	0%														
Nb	5022868	9	9	4%														
Nd	5022868	14	15	1.1%														



CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

Ni	5022868	115	110	4.5%												
P	5022868	0.08	0.08	1.3%												
Pb	5022868	2	2	6.6%												
Pr	5022868	3.23	3.30	2.2%												
Rb	5022868	55	59	6.9%												
S	5022868	0.02	0.02	0.0%												
Sb	5022868	<1	<1	0%												
Sc	5022868	34	34	0.2%												
Se	5022868	<5	<5	0%												
Si	5022868	24.0	24.0	0.3%												
Sm	5022868	3.6	3.6	0.3%												
Sn	5022868	2	2	5.8%												
Sr	5022868	71	71	0.2%												
Ta	5022868	1.2	1.2	1.2%												
Tb	5022868	0.56	0.60	6.2%												
Te	5022868	<5	<5	0%												
Th	5022868	1.7	1.8	2.3%												
Ti	5022868	0.70	0.70	0.9%												
Tl	5022868	0.7	0.7	5%												
Tm	5022868	0.24	0.27	12%												
U	5022868	0.8	0.8	1.5%												
V	5022868	269	270	0.4%												
W	5022868	<5	9	78.6%												
Y	5022868	15.1	15.9	4.6%												
Yb	5022868	1.4	1.7	17.9%												
Zn	5022868	138	136	0.9%												

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	5022848	4.59	3.80	18.8%	5022863	0.0178	0.0171	4.0%	5022863	0.0178	0.0171	4.0%				



CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

Parameter	CRM #1 (ref.OREAS 72B)				CRM #2 (REF.OREASL14)											
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Al	4.72	4.73														
As	151	145														
Ba	335	340														
Ca	2.82	2.85														
Ce	43.5	43.8														
Co	138	131														
Cr	0.097	0.104														
Cs	3.16	2.94														
Cu	219	214														
Dy	2.74	2.76														
Er	1.69	1.61														
Eu	0.740	0.656														
Fe	6.97	7.03														
Ga	11.1	12.3														
Gd	2.75	2.78														
Ho	0.560	0.539														
K	1.13	1.06														
La	24.2	23.6														
Mg	9.66	9.56														
Mn	1010	1040														
Nd	16.9	16.2														
Ni	7050	7100														
P	0.029	0.020														
Pb	14.1	16.6														
Pr	4.79	4.48														
Rb	47.0	41.1														
S	1.48	1.49														
Si	24.0	23.7														
Sm	3.00	2.92														
Sr	61.0	61.3														
Tb	0.460	0.449														



CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

Th	10.3	11.4															
Ti	0.208	0.216															
Tm	0.260	0.255															
U	4.76	5.17															
Y	15.3	14.1															
Yb	1.64	1.55															
Zn	98.0	84.9															

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.OREASL12)				CRM #2 (REF.OREASL14)													
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits										
Au	0.615	0.611			3.24	3.36												



Method Summary

CLIENT NAME: ROBERT DILLMAN

AGAT WORK ORDER: 23T029314

PROJECT:

ATTENTION TO: ROBERT DILLMAN

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-12006, MIN-12004		ICP/OES

Method Summary

CLIENT NAME: ROBERT DILLMAN

AGAT WORK ORDER: 23T029314

PROJECT:

ATTENTION TO: ROBERT DILLMAN

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Al	MIN-200-12001/MIN-200-12049		ICP/OES
As	MIN-200-12049		ICP-MS
B	MIN-200-12001/MIN-200-12049		ICP/OES
Ba	MIN-200-12001/MIN-200-12049		ICP/OES
Be	MIN-200-12049		ICP-MS
Bi	MIN-200-12049		ICP-MS
Ca	MIN-200-12001/MIN-200-12049		ICP/OES
Cd	MIN-200-12049		ICP-MS
Ce	MIN-200-12049		ICP-MS
Co	MIN-200-12049		ICP-MS
Cr	MIN-200-12001/MIN-200-12049		ICP/OES
Cs	MIN-200-12049		ICP-MS
Cu	MIN-200-12001/MIN-200-12049		ICP/OES
Dy	MIN-200-12049		ICP-MS
Er	MIN-200-12049		ICP-MS
Eu	MIN-200-12049		ICP-MS
Fe	MIN-200-12001/MIN-200-12049		ICP/OES
Ga	MIN-200-12049		ICP-MS
Gd	MIN-200-12049		ICP-MS
Ge	MIN-200-12049		ICP-MS
Ho	MIN-200-12049		ICP-MS
In	MIN-200-12049		ICP-MS
K	MIN-200-12001/MIN-200-12049		ICP/OES
La	MIN-200-12049		ICP-MS
Li	MIN-200-12001/MIN-200-12049		ICP/OES
Lu	MIN-200-12049		ICP-MS
Mg	MIN-200-12001/MIN-200-12049		ICP/OES
Mn	MIN-200-12001/MIN-200-12049		ICP/OES
Mo	MIN-200-12049		ICP-MS
Nb	MIN-200-12049		ICP-MS
Nd	MIN-200-12049		ICP-MS
Ni	MIN-200-12001/MIN-200-12049		ICP/OES
P	MIN-200-12001/MIN-200-12049		ICP/OES
Pb	MIN-200-12049		ICP-MS
Pr	MIN-200-12049		ICP-MS
Rb	MIN-200-12049		ICP-MS
S	MIN-200-12001/MIN-200-12049		ICP/OES
Sb	MIN-200-12049		ICP-MS



Method Summary

CLIENT NAME: ROBERT DILLMAN

AGAT WORK ORDER: 23T029314

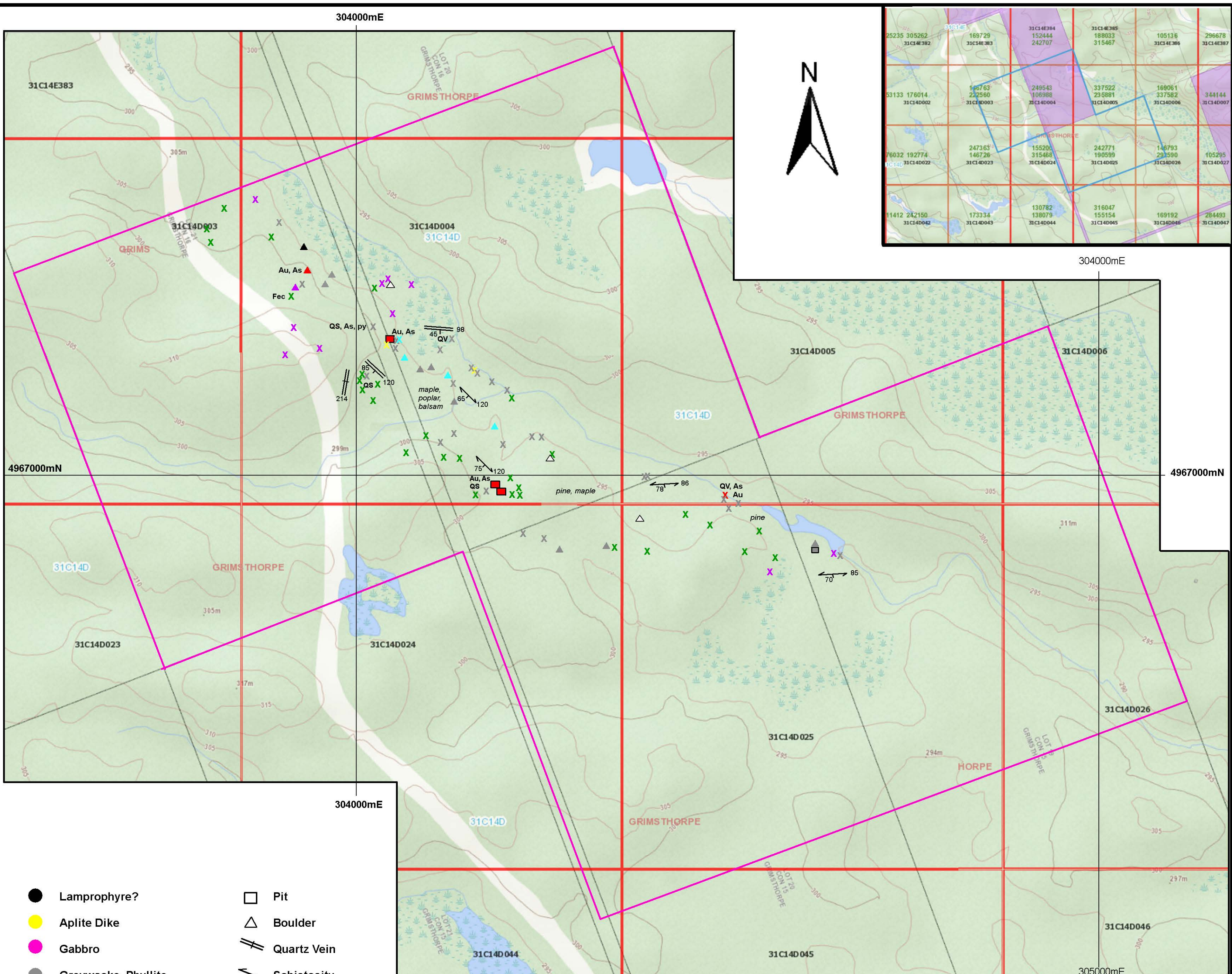
PROJECT:

ATTENTION TO: ROBERT DILLMAN

SAMPLING SITE:

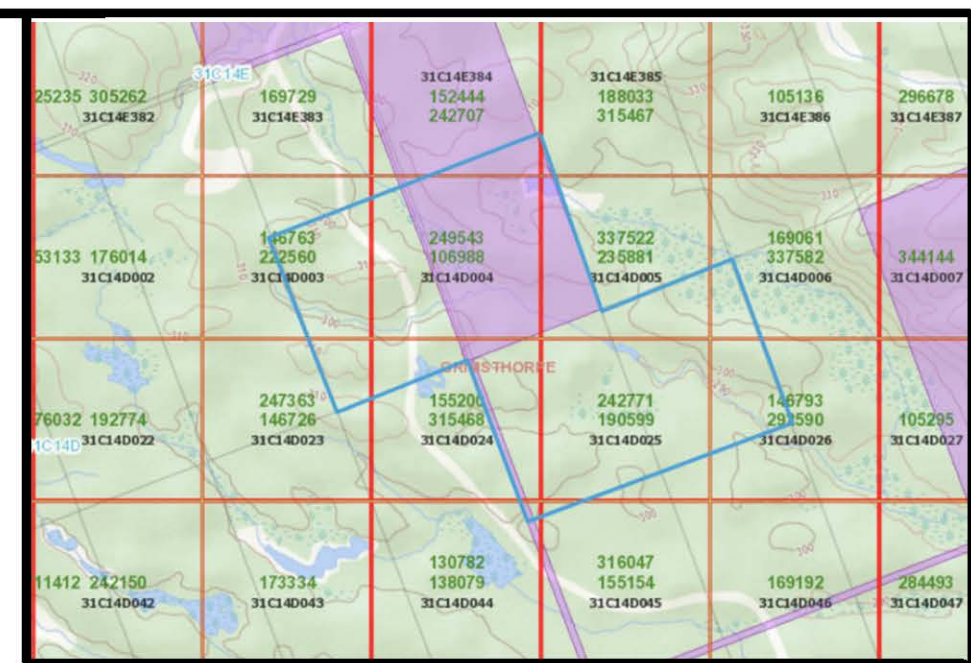
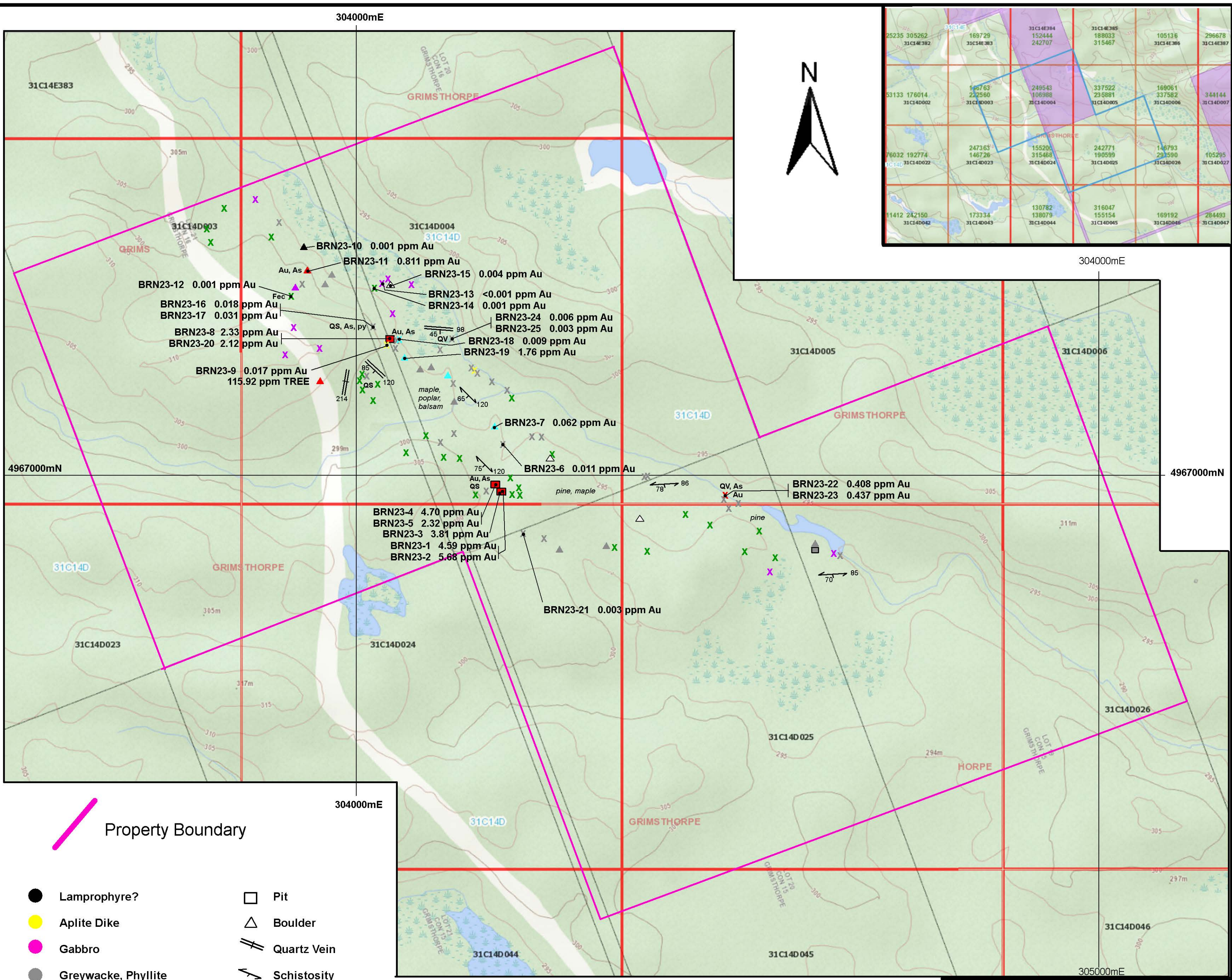
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Sc	MIN-200-12001/MIN-200-12049		ICP/OES
Se	MIN-200-12049		ICP-MS
Si	MIN-200-12001/MIN-200-12049		ICP/OES
Sm	MIN-200-12049		ICP-MS
Sn	MIN-200-12049		ICP-MS
Sr	MIN-200-12001/MIN-200-12049		ICP/OES
Ta	MIN-200-12049		ICP-MS
Tb	MIN-200-12049		ICP-MS
Te	MIN-200-12049		ICP-MS
Th	MIN-200-12049		ICP-MS
Ti	MIN-200-12001/MIN-200-12049		ICP/OES
Tl	MIN-200-12049		ICP-MS
Tm	MIN-200-12049		ICP-MS
U	MIN-200-12049		ICP-MS
V	MIN-200-12001/MIN-200-12049		ICP/OES
W	MIN-200-12049		ICP-MS
Y	MIN-200-12049		ICP-MS
Yb	MIN-200-12049		ICP-MS
Zn	MIN-200-12001/MIN-200-12049		ICP/OES
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE



- Lamprophyre?
- Aplite Dike
- Gabbro
- Greywacke, Phyllite
- Felsic Metavolcanic
- Basalt
- Gold Occurrence
- White Quartz
- Pit
- △ Boulder
- ▬ Quartz Vein
- ↘ Schistosity
- Au Gold
- As Arsenopyrite
- QV Quartz Vein
- QS Quartz Stringers
- Fec Iron Carbonate Alteration

GEOLOGY	
BLACK RIVER NORTH PROPERTY	
GRIMSTHORPE TWP., ONTARIO	
UNION GLORY GOLD LIMITED	
Date: June 2023	Map By: RJD
Survey By: JR, RJD	Scale: 1 : 5,000



- Property Boundary**
- Lamprophyre?
 - Aplite Dike
 - Gabbro
 - Greywacke, Phyllite
 - Felsic Metavolcanic
 - Basalt
 - Gold Occurrence
 - White Quartz
 - Pit
 - △ Boulder
 - ▨ Quartz Vein
 - ↖ Schistosity
 - Au Gold
 - As Arsenopyrite
 - QV Quartz Vein
 - QS Quartz Stringers
 - Fec Iron Carbonate Alteration



ROCK SAMPLE LOCATION & ASSAY MAP
BLACK RIVER NORTH PROPERTY
GRIMSTHORPE TWP., ONTARIO
UNION GLORY GOLD LIMITED

Date: May 2023	Map By: RJD
Survey By: JR, RJD	Scale: 1:5,000