

We are committed to providing [accessible customer service](#).

If you need accessible formats or communications supports, please [contact us](#).

Nous tenons à améliorer [l'accessibilité des services à la clientèle](#).

Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez [nous contacter](#).

# **Horn Gold Property**

**Sampling and Prospecting Report on the  
Holbik Group**

**Squash Lake (G-3140)**

**Mining Division Patricia**

**Claim #301266, 301267, 263449, 331409**

**Prospecting License No. 145349**

**Submitted by: Edward Holbik**

## Table of Contents

Property Summary, Access Ownership, Sample Location .....	3
Fig. 1 Holbik Claim Group.....	3
Fig. 2 Sample Location & Property Location .....	4
Fig.3 Sample Descriptions .....	4
Fig. 4 Beep Mat Specification .....	5
Fig. 5 Beep Mat Survey Area.....	6
Fig. 6 GPS Coordinates of Samples.....	7
Fig.7 Geo Labs Sample Results.....	8
Fig.8 Geo Lab Samples Results.....	9
Fig. 9 Geo Lab Sample Results.....	10
Fig. 10 Geo Lab Sample Results.....	11
Fig. 11 Mag Map.....	12
Fig. 12 Accommodation/Boat Launch Receipt.....	15
Horn Gold Property Daily Log .....	13
Report of Expenses .....	14
Conclusion .....	16

## Horn Gold Property Summary

Prospecting, sampling days, and stripping: August 17 & August 18 2020. Taking samples, digging and using the Beepmat around the old trenches and main mining shaft.

## Access and Ownership

The Horn Gold Property consists of 4 claims #301266, 301267, 2634497 & 331409.

The Squash Lake area property is 375 kilometers northwest of Thunder Bay, south of Savant Lake in Northwestern Ontario. The property is 100% owned by Edward Joseph Holbik. Access to the claim is via the Trans-Canada Highway 17 to Highway 599 at Ignace Ontario. Access to Sturgeon Lake is at the Whiskey jack Lodge. Claim #301266, 301267, 263449, 331409 is approximately 15 km by motor boat.

## Sample Location

Please find the sample location and descriptions below.

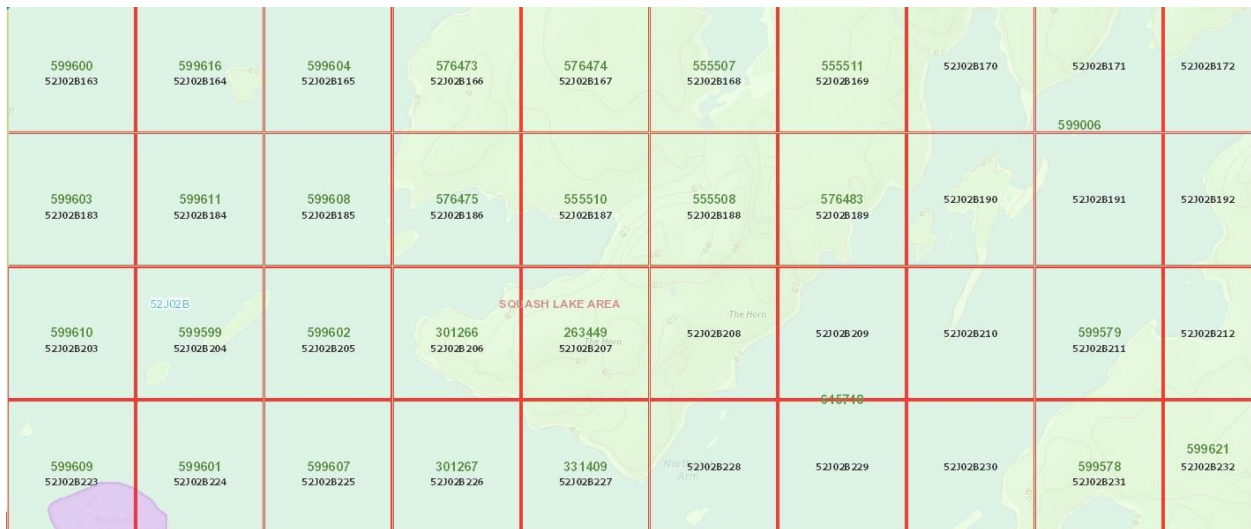


Fig. 1 Holbik Claim Group #301266, 301267, 263449 & 331409

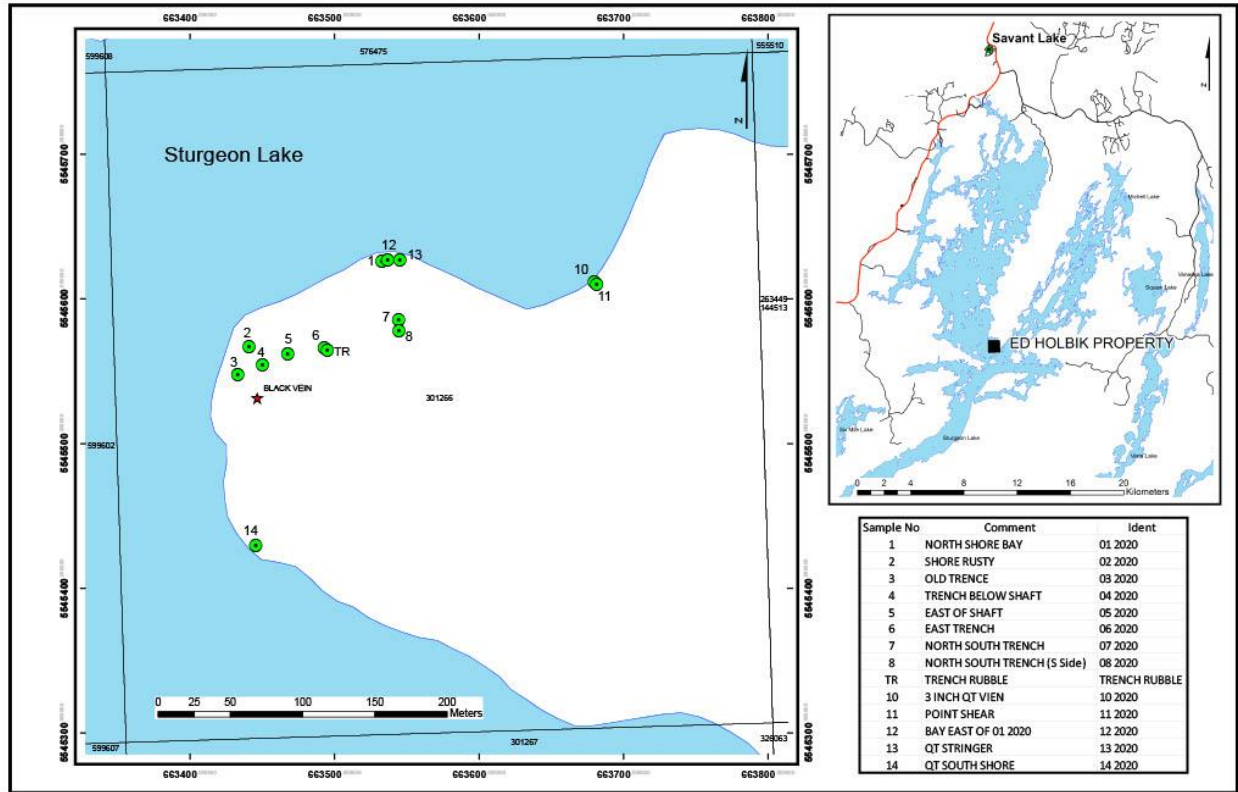


Fig. 2 Sample Location & Property Location

20DCEH001	mafic metavolc	Chl schist with calcite veins, carb alt, dism minor pyrite
20DCEH002	Ironstone?	fg, grey, massive, magnetic, very rusty, finely dissem sulphide, narrow stringer sulphide (po?)
20DCEH003	Granodiorite	mg, salt and pepper texture, massive, rusty, qtz, feldspar, calcite, mafic minerals, dism sulphides (py)
20DCEH004	Granodiorite	mg, salt and pepper texture, massive, carb alt, rusty, qtz, feldspar, calcite, mafic minerals narrow qtz-carb veinlets
20DCEH006	Quartz V	glassy grey quartz with carb alt and carb along fractures, tr py
20DCEH007	Intm volc +qtz	narrow glassy dark grey -grey qtz, intense carb alt, very rusty, rotten, dissem sulphides, py, asp
20DCEH008	Intm volc	fg, grey, very rusty, finely dissem sulphide
20DCEH009	Qtz V	grey, blue-grey, dark grey glassy qtz, tr fine sulphides
20DCEH009A	Qtz V	grey, blue-grey, dark grey glassy qtz, tr fine sulphides
20DCEH010	Mafic metavolc with QV	narrow glassy white, clear qtz veinlets with tr py
20DCEH011	Mafic metavolc w calcite v	fg, dark green mafic with network of calcite veinlets
20DCEH012	Mafic metavolc w calcite v	fg, dark green mafic with network of calcite veinlets

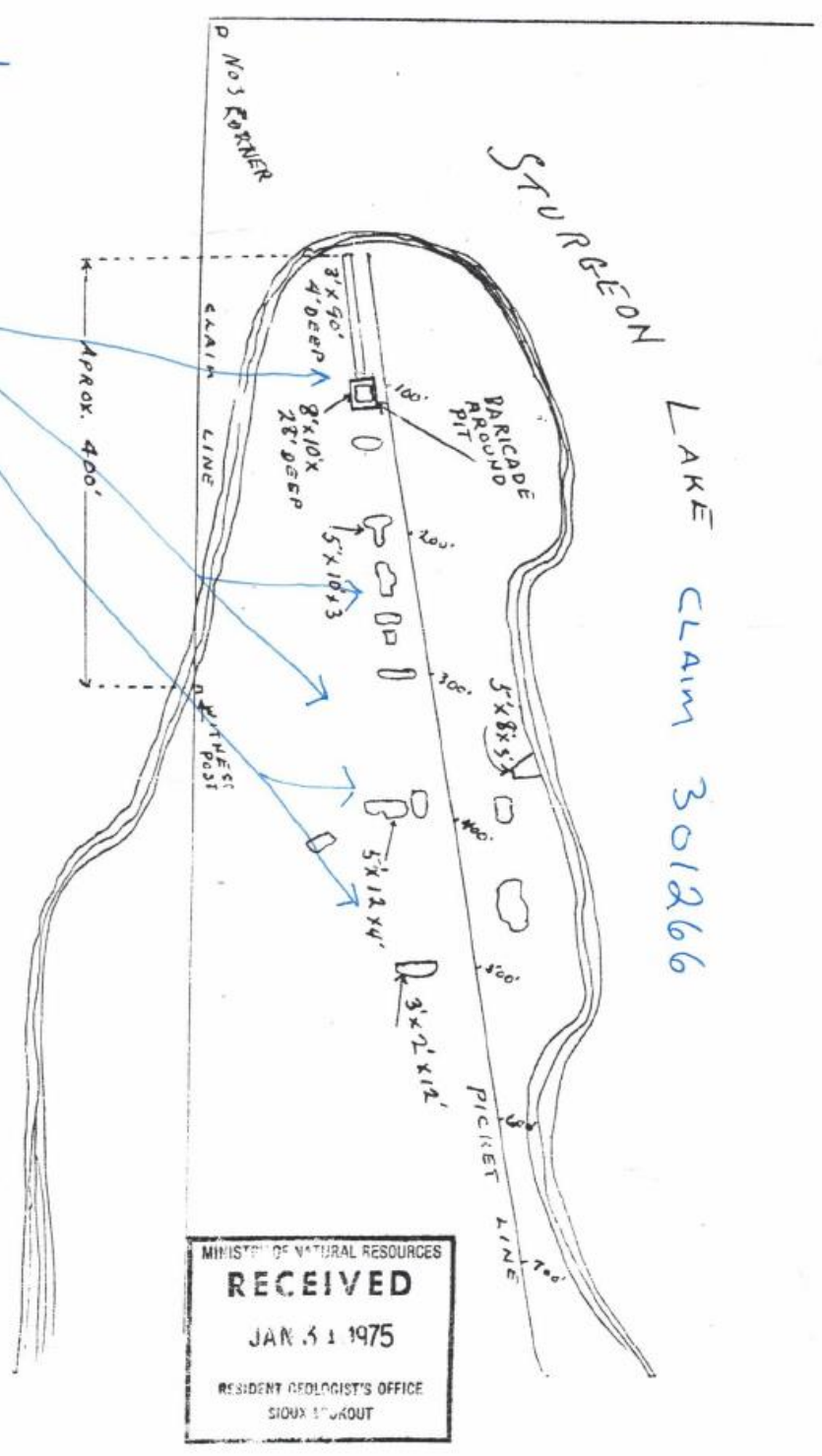
Fig.3 Sample Descriptions

*Beep Mat Model BM4.* The Beep Mat is an efficient, user friendly, inexpensive electromagnetic survey. Identifying the position of the conductive and magnetic targets allow the sampling. Subsequently, laboratory tests can determine whether the showings are economic or whether they are sterile conductors such as graphite. Instrument was calibrated by INSTRUMENTATION GDD INC.

<b>Model BM4+</b>	<b>Model BM8</b>	<b>Model BM8 (Li-Ion)</b>	
<b>SPECIFICATIONS – BEEP MAT</b>			
Total weight	9 kg	10 kg	10 kg
Reading unit weight	1.9 kg	2.4 kg	1.6 kg
Daily autonomy	Up to 10 hours		
Total dimension	90 x 30 x 30 cm		
Operating temperature range	-50° C to +70° C (-58° F to +158° F)		
Battery	Two Panasonic 6V	4 Panasonic 6V	One internal Lithium-Ion
Sampling rate	Up to 10 times per second		
Memory	N/A	Enable to store up to 100 hours of field survey	
Data Transfer	N/A	Transfer from reading unit data to laptop to draw maps	
GPS compatibility	N/A	Garmin, etc. RS-232 port on unit, records once every second	

Fig. 4 Beep Mat Specifications

AUG 17/18 - 2020  
 211268  
 AREA OF BEEP MAT SURVEY  
 AROUND TRUCKS PITS AND STAFF  
 PLACES DURING DIGGING SAMPLING



PATRICIA  
 RECEIVED  
 MINING DIV.  
 DEC 30 1974  
 AM 7:50 PM 9:45 PM

MINISTER OF NATURAL RESOURCES  
**RECEIVED**  
 JAN 31 1975  
 RESIDENT GEOLOGIST'S OFFICE  
 SIOUX FALLS

Fig. 5 Bleep Mat Survey Area

Sample #	Latitude	Longitude	Easting N83Z15	Northing N83Z15	Location
1	50.04045	-90.716145	663532	5545627	NORTH SHORE BAY
2	50.039942	-90.717453	663440	5545568	SHORE RUSTY
3	50.039774	-90.71757	663433	5545549	OLD TRENCE
4	50.03983	-90.717329	663450	5545555	TRENCH BELOW SHAFT
5	50.039894	-90.717081	663467	5545563	EAST OF SHAFT
6	50.03992	-90.716726	663493	5545567	EAST TRENCH
7	50.040083	-90.716001	663544	5545586	NORTH SOUTH TRENCH
8	50.040011	-90.715999	663544	5545578	NORTH SOUTH TRENCH (S SIDE)
TRENCH RUBBLE	50.039909	-90.716697	663495	5545566	TRENCH RUBBLE
10	50.040284	-90.714099	663679	5545613	3 INCH QT VIEN
11	50.040269	-90.714077	663681	5545611	POINT SHEAR
12	50.040457	-90.716089	663536	5545628	BAY EAST OF 01
13	50.040456	-90.715972	663545	5545628	QT STRINGER
14	50.038709	-90.717447	663445	5545431	QT SOUTH SHORE

*Fig. 6 GPS Coordinates of Samples*





Client: Campbell  
Geo Labs: 20-0093  
Date: 08/12/2020  
Method Code: GFA-PBG

GEOSCIENCE LABORATORIES  
CERTIFICATE OF ANALYSIS



Sample ID	Client ID	QC ID	Au
			oz/ton
			0.016
20-0093-0008	20DCEH009		0.056
20-0093-0009	20DCEH009A		<0.016
Dup-20-52594	20DCEH009A	DUP	<0.016

*Fig. 7 Geo Labs Sample Results*



Client: Campbell  
 Geo Labs: 20-0093  
 Date: 11/03/2021  
 Method Code: DML-101

GEO SCIENCE LABORATORIES  
 CERTIFICATE OF ANALYSIS



Sample ID	Client ID	QC ID	Ag	As	Au	Bi	Cd	Co	Cu
Units			ppm	ppm	ppm	ppm	ppm	ppm	ppm
<b>Detection Limits</b>			<b>0.4</b>	<b>4</b>	<b>0.003</b>	<b>0.02</b>	<b>0.05</b>	<b>0.2</b>	<b>2.2</b>
20-0093-0001	20DCEH001		<0.4	8.0	0.837	1.97	<0.05	190.0	107
20-0093-0002	20DCEH002		<0.4	<4	0.015	0.19	0.05	37.2	226
20-0093-0003	20DCEH003		<0.4	<4	0.007	0.14	0.07	9.3	57
20-0093-0004	20DCEH004		<0.4	<4	0.632	0.41	<0.05	10.3	35
20-0093-0005	20DCEH006		<0.4	<4	0.003	3.00	<0.05	5.2	118
20-0093-0006	20DCEH007		<0.4	<4	4.248	1.87	0.06	91.4	434
20-0093-0007	20DCEH008		<0.4	<4	0.014	0.08	<0.05	26.5	40
20-0093-0008	20DCEH009		<0.4	<4	0.042	1.13	0.05	2.5	24
20-0093-0009	20DCEH009A		<0.4	<4	<0.003	0.46	0.05	2.7	30
20-0093-0010	20DCEH010		<0.4	<4	0.034	0.53	0.14	19.1	256
20-0093-0011	20DCEH011		<0.4	<4	<0.003	0.03	0.05	34.1	19
20-0093-0012	20DCEH012		<0.4	<4	0.038	0.05	<0.05	27.1	27
Dup-21-52947	20DCEH003	DUP	<0.4	<4	0.025	0.14	0.06	9.3	58
Dup-21-52948	20DCEH010	DUP	<0.4	<4	0.004	0.58	0.13	18.8	252
Sample ID	Client ID	QC ID	Hg	In	Ir	Mo	Ni	Pb	Pd
Units			ppm	ppm	ppm	ppm	ppm	ppm	ppm
<b>Detection Limits</b>			<b>0.08</b>	<b>0.005</b>	<b>0.003</b>	<b>0.2</b>	<b>2</b>	<b>0.2</b>	<b>0.02</b>
20-0093-0001	20DCEH001		<0.08	0.031	<0.003	0.67	106	14.3	<0.02
20-0093-0002	20DCEH002		<0.08	0.017	<0.003	0.77	50	2.2	<0.02
20-0093-0003	20DCEH003		<0.08	0.011	<0.003	4.40	19	1.6	<0.02
20-0093-0004	20DCEH004		<0.08	0.012	<0.003	1.49	23	2.1	<0.02
20-0093-0005	20DCEH006		<0.08	0.009	<0.003	1.38	6	1.9	<0.02
20-0093-0006	20DCEH007		<0.08	0.016	<0.003	1.05	75	1.1	<0.02
20-0093-0007	20DCEH008		<0.08	0.039	<0.003	0.88	44	0.6	<0.02
20-0093-0008	20DCEH009		<0.08	<0.005	<0.003	2.51	3	3.9	<0.02
20-0093-0009	20DCEH009A		<0.08	<0.005	<0.003	2.16	4	2.0	<0.02
20-0093-0010	20DCEH010		<0.08	0.014	<0.003	1.42	17	2.0	<0.02

Fig. 8 Geo Lab Samples Results



Client: Campbell  
 Geo Labs: 20-0093  
 Date: 11/03/2021  
 Method Code: DML-101

GEO SCIENCE LABORATORIES  
 CERTIFICATE OF ANALYSIS



Sample ID	Client ID	QC ID	Hg	In	Ir	Mo	Ni	Pb	Pd
Units			ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limits			0.08	0.005	0.003	0.2	2	0.2	0.02
20-0093-0011	20DCEH011		<0.08	0.025	<0.003	0.55	36	0.6	<0.02
20-0093-0012	20DCEH012		<0.08	0.050	<0.003	0.34	99	0.4	<0.02
Dup-21-52947	20DCEH003	DUP	<0.08	0.012	<0.003	4.59	19	1.6	<0.02
Dup-21-52948	20DCEH010	DUP	<0.08	0.010	<0.003	1.52	17	1.9	<0.02
Sample ID	Client ID	QC ID	Pt	Sb	Se	Sr	Te	Tl	Zn
Units			ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limits			0.005	0.02	0.2	0.06	0.04	0.004	4
20-0093-0001	20DCEH001		<0.005	1.11	1.8	0.3	0.26	0.088	66
20-0093-0002	20DCEH002		<0.005	0.04	0.5	0.3	0.14	0.122	61
20-0093-0003	20DCEH003		<0.005	0.02	0.2	0.6	0.05	0.078	30
20-0093-0004	20DCEH004		<0.005	0.04	<0.2	0.4	0.31	0.042	31
20-0093-0005	20DCEH006		<0.005	0.03	0.3	0.2	0.90	0.021	11
20-0093-0006	20DCEH007		<0.005	0.04	1.1	0.2	0.95	0.024	18
20-0093-0007	20DCEH008		<0.005	0.03	0.3	0.3	<0.04	0.016	82
20-0093-0008	20DCEH009		<0.005	0.02	<0.2	0.1	0.76	0.008	5
20-0093-0009	20DCEH009A		<0.005	0.02	<0.2	0.4	0.34	0.010	6
20-0093-0010	20DCEH010		<0.005	0.03	2.1	0.9	0.49	0.052	86
20-0093-0011	20DCEH011		<0.005	0.02	<0.2	0.7	<0.04	0.317	131
20-0093-0012	20DCEH012		<0.005	0.03	<0.2	0.2	<0.04	0.021	132
Dup-21-52947	20DCEH003	DUP	<0.005	0.02	<0.2	0.6	0.04	0.074	31
Dup-21-52948	20DCEH010	DUP	<0.005	0.02	2.3	1.0	0.53	0.057	88

Fig.9 Geo Lab Sample Results



Client: Campbell  
Geo Labs: 20-0093  
Date: 08/12/2020  
Method Code: GFA-PBG

GEOSCIENCE LABORATORIES  
CERTIFICATE OF ANALYSIS



Sample ID	Client ID	QC ID	Au
			oz/ton
			0.016
20-0093-0008	20DCEH009		0.056
20-0093-0009	20DCEH009A		<0.016
Dup-20-52594	20DCEH009A	DUP	<0.016

*Fig. 10 Geo Lab Samples Results*

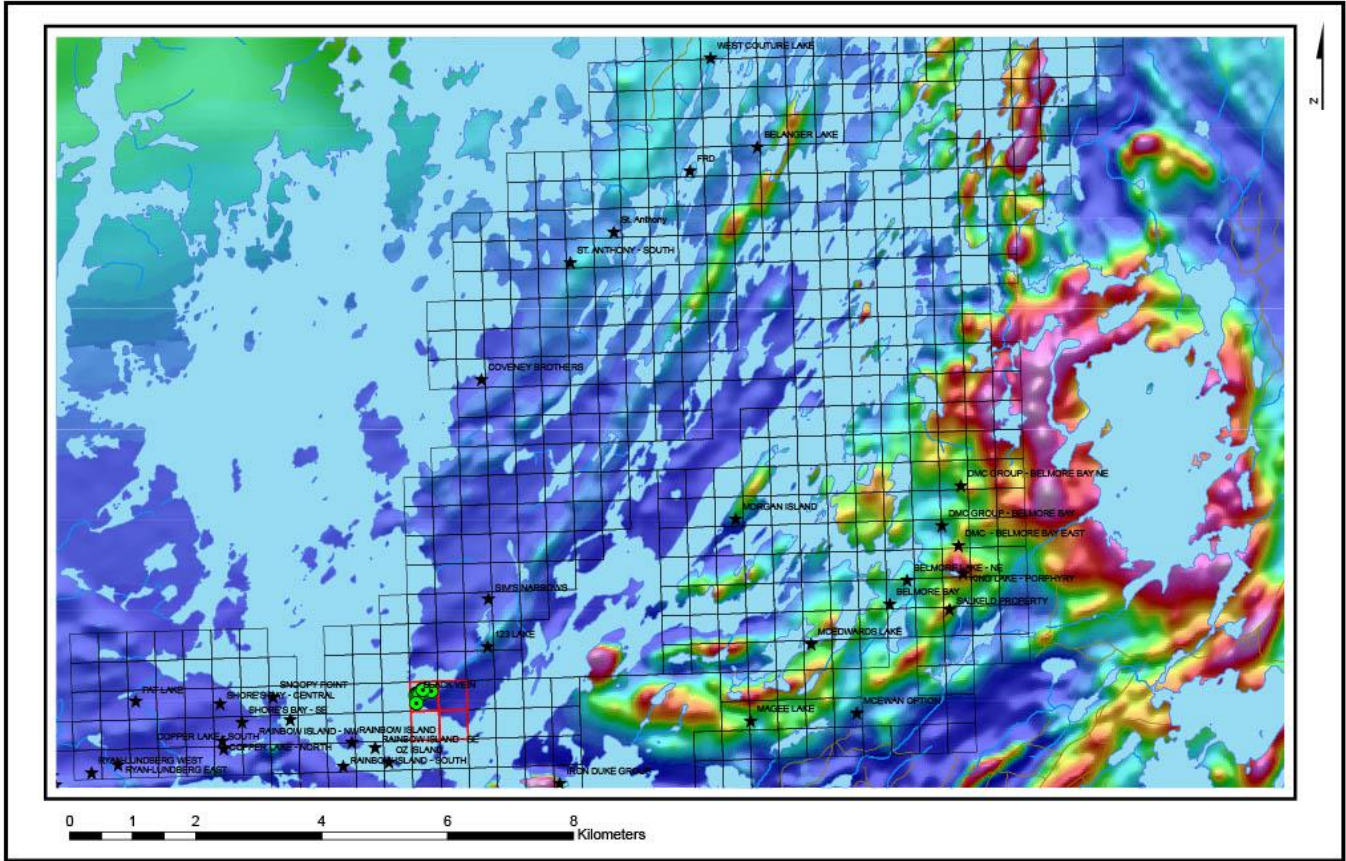


Fig. 11 Mag Map

## **Horn Gold Property Daily Log 2020**

### **August 16, 2020**

- Left Thunder Bay, travelled to Shebandowan Ontario to pick up the boat and motor/trailer rental/Beepmat, Etc.
- Returned to Thunder Bay

### **August 17, 2020**

- Up early to travel to Ignace to pick up groceries for supper. Travelled North on Highway 599 to Whiskey Jack Lodge. Rented a cabin and launched boat
- Travelled to the mining claim #301266, 301267, 263449 & 331409 via water access and prospected the claim area using a Beepmat and exposing bedrock. Formed a game plan for further detailed prospecting, sampling, etc. It was decided at this tenure that 14 samples WS01-WS12 would be taken to get a reasonable idea of mineralization around the old trenches, pits and mining shaft. Samples 1-9 were taken
- Conditions: bedrock, overburden, dry ground and wet trenches

### **August 18, 2020**

- Prospected and stripped off rock areas and conducted Beepmat survey
- I worked on Georeferencing claim, prospected and stripped off rock areas
- I secured and took rock sample 10-14
- Worked until late evening then returned to Whiskey Jack lodge
- Conditions: bedrock, overburden, dry ground and wet trenches

### **August 19, 2020**

- Up early on this overcast day to identify and document samples
- Travelled to Shebandowan Ontario to return boat rental and equipment.
- Return to Thunder Bay

## **Report of Expenses**

**August 16-19, 2020**

### **Vehicle Expense**

- Travel to Whiskey Jack Lodge to Sturgeon Lake. Round Trip: TOTAL 750 x 0.55km= \$412.50

### **Accommodations**

- Cabin and boat launching fee. Cabin= \$60.00. Launching Fee= \$37.00 x 2= \$134

### **Boat/Motor/Trailer Rental**

- \$75 per day x 4 days TOTAL = \$300.00

### **Beepmat rental**

- \$120 per day x 4 days TOTAL = \$480.00

### **Food/Groceries**

- \$50 per day x 4 days TOTAL= \$200.00

### **Gasoline/Oil**

- \$60

### **Prospecting/Stripping (August 17-18, 2020)**

- \$350 per day TOTAL= \$700.00

### **Misc.**

- \$100.00

**TOTAL EXPENSES: \$2,386.50**

## **Conclusion**

It is well documented that high gold values have been obtained from blue/black Quartz veins in contact with fine grey granodiorite feldspar and mafic metavolcanic a quarter mile West on the noted Rainbow Island showings. Prospecting was warranted on these claims as details from deposit identification property report black vein BG130.

The main observations from the detailed work performed are that the old trenches and main shaft area needs detailed sampling and mapping this may help to understand the structural controls on the zones. I believe the full extent of blue/black quartz veining was not fully discovered. It is recommended that more exploration is needed to locate the area of interest. If encouraging results from sampling are returned this could lead to an IP target survey and/or diamond drilling.



Client: Campbell  
Geo Labs 20-0093  
Date: 08/12/2020  
Method Code: GFA-PBG

Sample ID	Client ID	QC ID	Au
Units			oz/ton
Detection Limits			0.016
20-0093-0008	20DCEH009		0.056
20-0093-0009	20DCEH009A		<0.016
Dup-20-52594	20DCEH009A	DUP	<0.016

Client: Campbell

Geo Labs 20-0093

Date: 11/03/2021

Method Code: IML-101

Sample ID	Client ID	QC ID	Ag	As	Au	Bi	Cd	Co	Cu
Units			ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limits			0.4	4	0.003	0.02	0.05	0.2	2.2
20-0093-0001	20DCEH001		<0.4	8.0	0.837	1.97	<0.05	190.0	107
20-0093-0002	20DCEH002		<0.4	<4	0.015	0.19	0.05	37.2	226
20-0093-0003	20DCEH003		<0.4	<4	0.007	0.14	0.07	9.3	57
20-0093-0004	20DCEH004		<0.4	<4	0.632	0.41	<0.05	10.3	35
20-0093-0005	20DCEH006		<0.4	<4	0.003	3.00	<0.05	5.2	118
20-0093-0006	20DCEH007		<0.4	<4	4.248	1.87	0.06	91.4	434
20-0093-0007	20DCEH008		<0.4	<4	0.014	0.08	<0.05	26.5	40
20-0093-0008	20DCEH009		<0.4	<4	0.042	1.13	0.05	2.5	24
20-0093-0009	20DCEH009A		<0.4	<4	<0.003	0.46	0.05	2.7	30
20-0093-0010	20DCEH010		<0.4	<4	0.034	0.53	0.14	19.1	256
20-0093-0011	20DCEH011		<0.4	<4	<0.003	0.03	0.05	34.1	19
20-0093-0012	20DCEH012		<0.4	<4	0.038	0.05	<0.05	27.1	27
Dup-21-52947	20DCEH003	DUP	<0.4	<4	0.025	0.14	0.06	9.3	58
Dup-21-52948	20DCEH010	DUP	<0.4	<4	0.004	0.58	0.13	18.8	252
Sample ID	Client ID	QC ID	Hg	In	Ir	Mo	Ni	Pb	Pd
Units			ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limits			0.08	0.005	0.003	0.2	2	0.2	0.02
20-0093-0001	20DCEH001		<0.08	0.031	<0.003	0.67	106	14.3	<0.02
20-0093-0002	20DCEH002		<0.08	0.017	<0.003	0.77	50	2.2	<0.02
20-0093-0003	20DCEH003		<0.08	0.011	<0.003	4.40	19	1.6	<0.02
20-0093-0004	20DCEH004		<0.08	0.012	<0.003	1.49	23	2.1	<0.02
20-0093-0005	20DCEH006		<0.08	0.009	<0.003	1.38	6	1.9	<0.02
20-0093-0006	20DCEH007		<0.08	0.016	<0.003	1.05	75	1.1	<0.02
20-0093-0007	20DCEH008		<0.08	0.039	<0.003	0.88	44	0.6	<0.02
20-0093-0008	20DCEH009		<0.08	<0.005	<0.003	2.51	3	3.9	<0.02
20-0093-0009	20DCEH009A		<0.08	<0.005	<0.003	2.16	4	2.0	<0.02
20-0093-0010	20DCEH010		<0.08	0.014	<0.003	1.42	17	2.0	<0.02

Client: Campbell

Geo Labs 20-0093

Date: 11/03/2021

Method Code: IML-101

Sample ID	Client ID	QC ID	Hg	In	Ir	Mo	Ni	Pb	Pd
Units			ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limits			0.08	0.005	0.003	0.2	2	0.2	0.02
20-0093-0011	20DCEH011		<0.08	0.025	<0.003	0.55	36	0.6	<0.02
20-0093-0012	20DCEH012		<0.08	0.050	<0.003	0.34	99	0.4	<0.02
Dup-21-52947	20DCEH003	DUP	<0.08	0.012	<0.003	4.59	19	1.6	<0.02
Dup-21-52948	20DCEH010	DUP	<0.08	0.010	<0.003	1.52	17	1.9	<0.02
Sample ID	Client ID	QC ID	Pt	Sb	Se	Sn	Te	Tl	Zn
Units			ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limits			0.005	0.02	0.2	0.06	0.04	0.004	4
20-0093-0001	20DCEH001		<0.005	1.11	1.8	0.3	0.26	0.088	66
20-0093-0002	20DCEH002		<0.005	0.04	0.5	0.3	0.14	0.122	61
20-0093-0003	20DCEH003		<0.005	0.02	0.2	0.6	0.05	0.078	30
20-0093-0004	20DCEH004		<0.005	0.04	<0.2	0.4	0.31	0.042	31
20-0093-0005	20DCEH006		<0.005	0.03	0.3	0.2	0.90	0.021	11
20-0093-0006	20DCEH007		<0.005	0.04	1.1	0.2	0.95	0.024	18
20-0093-0007	20DCEH008		<0.005	0.03	0.3	0.3	<0.04	0.016	82
20-0093-0008	20DCEH009		<0.005	0.02	<0.2	0.1	0.76	0.008	5
20-0093-0009	20DCEH009A		<0.005	0.02	<0.2	0.4	0.34	0.010	6
20-0093-0010	20DCEH010		<0.005	0.03	2.1	0.9	0.49	0.052	86
20-0093-0011	20DCEH011		<0.005	0.02	<0.2	0.7	<0.04	0.317	131
20-0093-0012	20DCEH012		<0.005	0.03	<0.2	0.2	<0.04	0.021	132
Dup-21-52947	20DCEH003	DUP	<0.005	0.02	<0.2	0.6	0.04	0.074	31
Dup-21-52948	20DCEH010	DUP	<0.005	0.02	2.3	1.0	0.53	0.057	88