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Grass Roots Prospecting

Britannia Island Property

George R Zebruck BSc. F
Prospectors Licence H10002
June 27, 2020

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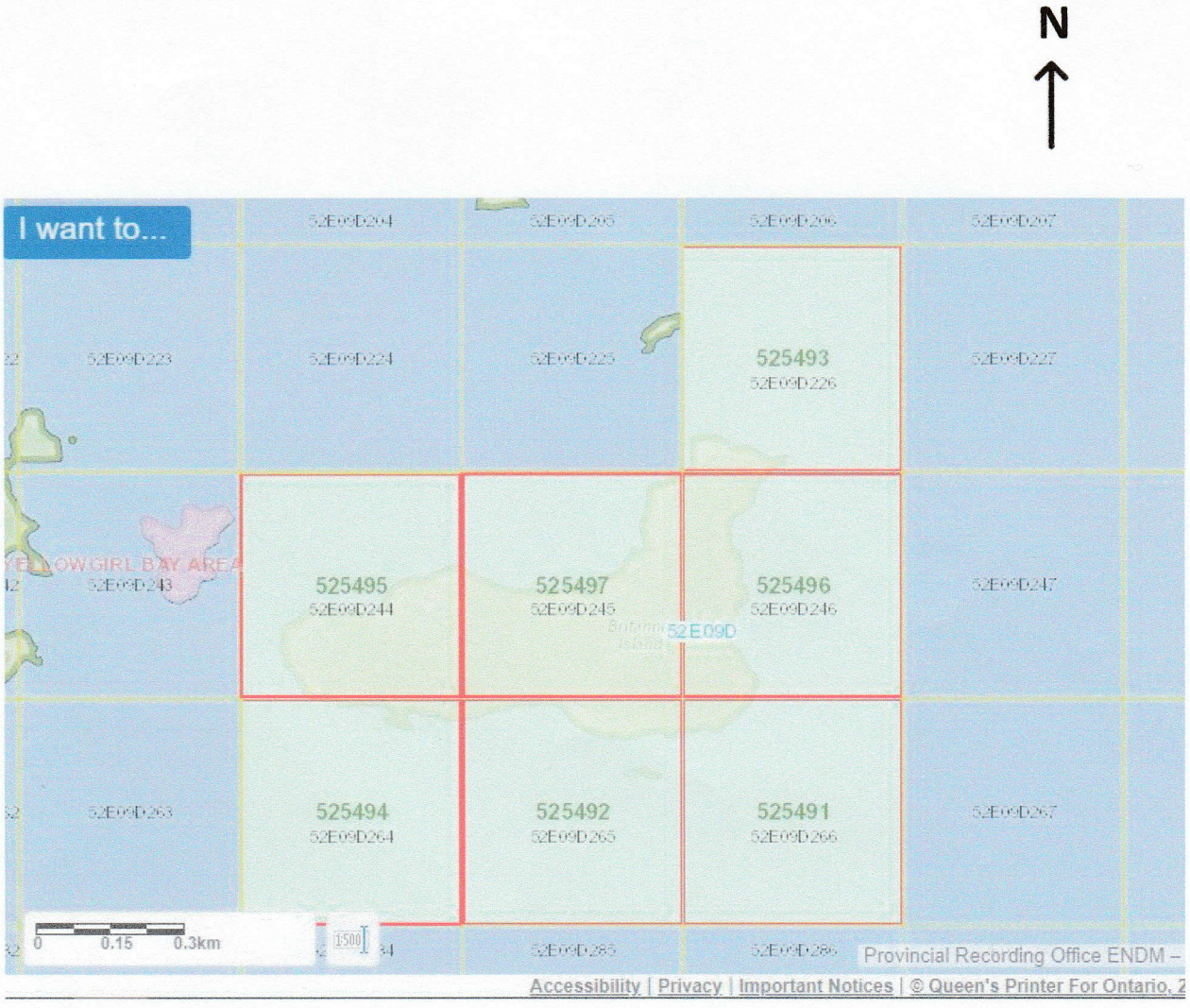
Introduction:

Grass Roots Prospecting was carried out on the Britannia Island property on June 5th and 12th 2019 by George Zebruck of Kenora Ontario and Richard Zebruck of Watson Lake Yukon. A total of 7 mining claims cover the Island and adjacent waters and are numbered 525491 to 525497 inclusive. The claims are jointly held by the two prospectors with a 50% interest each.

Fig. 1 Britannia Island – Claims



Location and Access:

The claim block is located in the Wiley Bay, Yellowgirl Bay areas of Lake of the Woods Fig.2. Access to the property is by boat from Kenora a distance of 43 kilometres.

Fig. 2 Location – Britannia Island Property

Exploration History:

There is a location reference to the Britannia Mine on an old 1800's map. According to this map the workings would be found in the northeast part of Britannia Island. A report by J. Ayres (1989) indicated some pits along the shore.

GBC Prospecting Group carried out work on a large claim group which included Gull Island, Britannia, and Cintiss Island. The work included line cutting, geological mapping, assaying, and geophysics A Mowat (1989, 1990). His geological map indicates five rock samples were taken on the southwest corner of Britannia Island. Results showed only low gold values the highest .015 ounces per ton.

Prospecting

Purpose:

The purpose of our initial visit to Britannia Island was to look for old workings from the 1800's if they could be found and to locate and sample outcrop favourable to hosting gold mineralization. This included quartz veins, quartz carbonate veins, shear zones and rocks hosting sulphide mineralization.

Field notes:

June 5, 2019

Left Kenora by boat heading south to Britannia Island. Weather sunny and warm. Through the Manitou Stretch seas calm. Arrived on the north central shore of Britannia Island and started traverse inland eastward. From shore entered an upland eastern white cedar grove and further east a mixed forest of predominately poplar, white birch and an odd spruce tree with undergrowth of moose maple. During this part of the traverse we found no old mine workings nor any rock outcrop. The island is covered by overburden and rock outcrop is mostly confined to along the shoreline. From the east shore we traversed northward and around the northeast prominence back to our boat. On the way there we noted any interesting outcrop that looked favourable, GPS the locations, and took samples we thought might warrant assay sampling. We found no old workings from the 1800's but did find on the north shore a group of 3 shear zones each 10 to 20 feet wide, close to each other and near our boat cache. We decided the best and only practical way of sampling these would be using a diamond bladed sampling saw.

June 10, 2019

Drove to Nelson Granite Limited in Vermilion Bay to borrow rock sampling saw having a 14 inch diamond blade. Locate all necessary attachments for proper operation.

June 12,2019

Returned to Britannia Island – cut saw samples from 20 ft. shear zone and prospect along west and south shore.

Mapping Notes:

Fig. 3 - Britannia Island Traverse is a Garmin GPS log of the traverses made during this prospecting event. Blue lines show the exact location of the traverse both on land and water. The location of any rock outcrops of interest are noted on this map and their exact GPS location can be found in Appendix A.

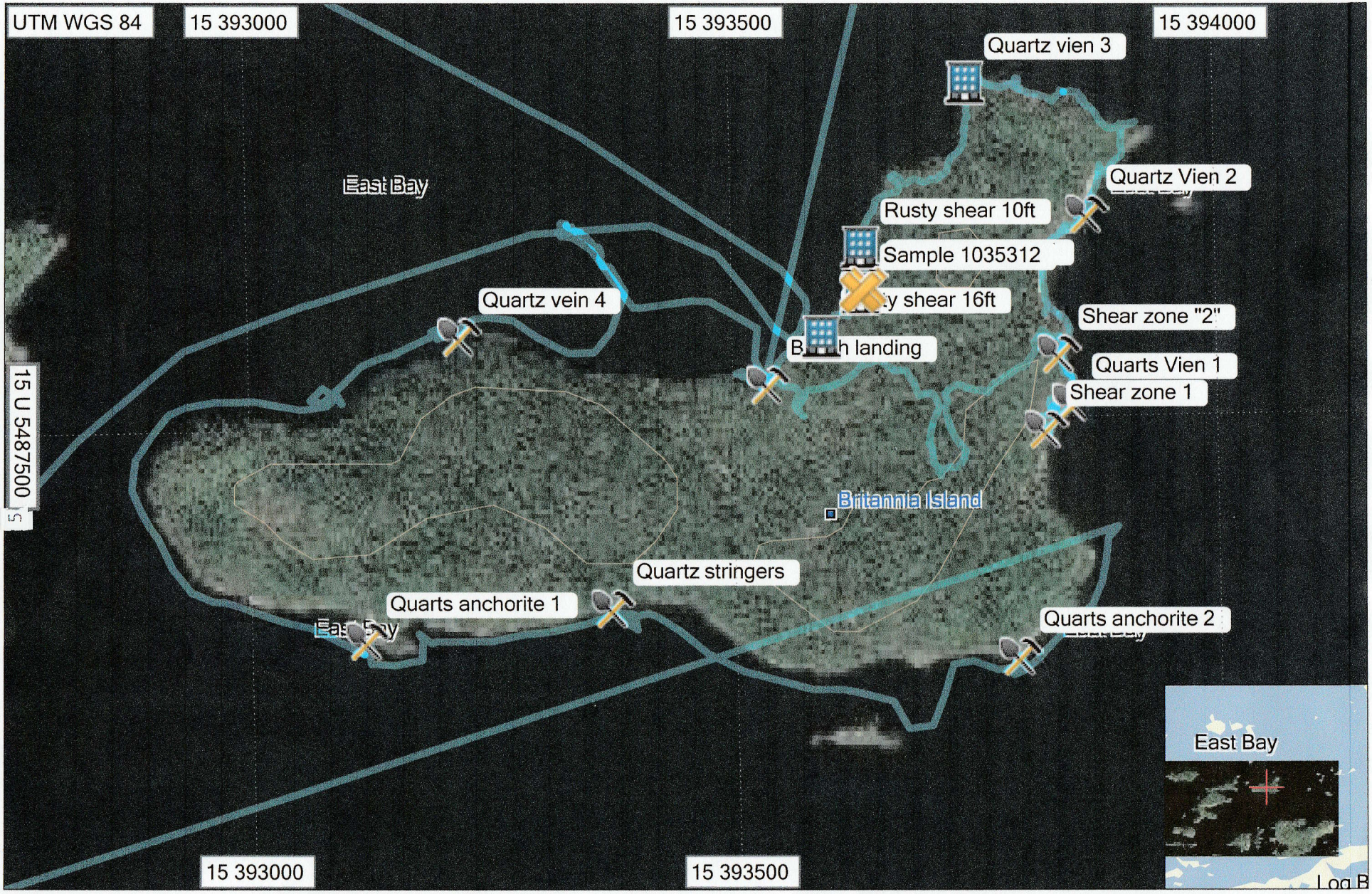
Fig. 4 – Geology and Forest Cover

This map shows the location of rock occurrences that we thought might have potential to carry gold values. GPS coordinates of these can be found in Appendix A. The interior of the island has virtually no rock outcrop and the broad geological rock types found along the shoreline have been adequately mapped by J Ayers (1989) and Mowat (1989-1990) and we have nothing of significance to add to their work.

Forest cover along our inland traverse is described in full in the field notes. Other parts of the island that have not been traversed are designated mixed forest based on satellite photography and our observations from the water.

Sample Description and Assay Result

				Assay Au
Sample No. 1035306	- Quartz Anchorite Vein – Grab No sulphides Observed	Loc.	0393118 mE Zone 15 5487277 mN	<5 ppb
Sample No. 1035307	- Sheared Quartz Feld. Porphyry Anchorite, Sericite, Fuchsite No sulphides observed	Loc.	0393869 mE Zone 15 5487713 mN	<5 ppb
Sample No. 1035311	- Sheared quartz anchorite vein 22 ft. wide. Sawn channel 0-2 ft Fine pyrite through both quartz In fracture planes and darker rocks Sericite, Fuchsite – High strain area	Loc.	0393640 mE Zone 15 5487639 mN	<5 ppb
Sample No. 1035312	- Quartz carbonate vein on west edge of 22 ft shear. White quartz sulphides? or alteration in volcanic rocks w/anchorite sawn channel sample	Loc.	0393634 mE Zone 15 5487635 mN	<5 ppb
Sample No. 1035315	- same description as 1035311 Sawn channel sample 2-4 ft On east side of 22 ft shear	Loc.	Same as 1035311	8 ppb



Topo Canada v4

0 m 100 m 200 m 300 m 400 m

TN MN
1.1°
2010-01-01

GARMIN.

Fig 3 Britannia island Traverse

Fig. 4 Geology & Forest Cover

	LEGEND
qv	quartz vein
qts	quartz stringers
qts ank	quartz ankerite veins

Mixed Forest includes poplar, white birch, white and black spruce, alder, moose maple, white pine red pine and jackpine

Conclusions:

The assay results are clearly disappointing but perhaps not surprizing considering that all samples were taken from outcrop along the shoreline between lake level and the high-water mark. These exposed rocks are not only affected by normal weathering but also by periodic wave action and erosion as they are in the lapping zone of the lake. Under these conditions target minerals can be depleted from surface material. The three shear zones on the north side of the Island appear to be the best candidates to host significant gold mineralization. To determine their true potential fresh un-weathered material needs to be exposed and sampled.

Recommendations:

Trench blasting or shallow diamond drilling to obtain fresh un-weathered sample material should be considered as the next step in the evaluation of the Britannia Island property. If successful future work on the interior of the island such as humus geochemistry may be warranted.

G. R. Zebruck

Prospector

APPENDIX A

Location of Rock Units

Location of Rock Units with Potential to Host Gold Mineralization

Description	Location	Sample No.
Quartz Vein 1	0393851 mE Zone 15 5487515 mN	
Quartz Vein 2	0393869 mE Zone 15 5487713 mN	1035307
Quartz Vein 3	0393746 mE Zone 15 5487854 mN	
Quartz Vein 4	0393219 mE Zone 15 5487596 mN	
Quartz Stringers	0393373 mE Zone 15 5487307 mN	
Quartz Anchorite Vein 1	0393118 mE Zone 15 5487277 mN	1035306
Quartz Anchorite Vein 2	0393792 mE Zone 15 5487248 mN	
Shear Zone 1	0393823 mE Zone 15 5487487 mN	
Shear Zone 2	0393838 mE Zone 15 5487566 mN	
Rusty Shear 10 ft. wide	0393636 mE Zone 15 5487682 mN	
Rusty Shear 22 ft. wide	0393634 mE Zone 15 5487634 mN	1035311 1035312 1035315
Rusty Shear 16 ft. wide	0393593 mE Zone 15 5487589 mN	

APPENDIX B

Actlabs – Certificate of Analysis and Results

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 04-Jul-19
Invoice No.: A19-08743
Invoice Date: 09-Jul-19
Your Reference:

George Zebruck
1349 Airport Road
Kenora Ontario
Canada

ATTN: George Zebruck

CERTIFICATE OF ANALYSIS

15 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Dryden Au Fire Assay AA (QOP Fire Assay-Dryden)

REPORT **A19-08743**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
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E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Fire Assay Meas	2560
OREAS 254 Fire Assay Cert	2550
OREAS 254 Fire Assay Meas	2650
OREAS 254 Fire Assay Cert	2550
OREAS 254 Fire Assay Meas	2570
OREAS 254 Fire Assay Cert	2550
OREAS 218 Meas	557
OREAS 218 Cert	531
OREAS 218 Meas	560
OREAS 218 Cert	531
OREAS 218 Meas	523
OREAS 218 Cert	531
1035307 Orig	5
1035307 Dup	< 5
1035313 Orig	23
1035313 Dup	47
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
1035304	25
1035305	14
1035306	< 5
1035307	< 5
1035308	399
1035309	3450
1035310	69
1035311	< 5
1035312	< 5
1035313	35
1035314	2190
1035315	8
1035316	7
1035317	< 5
1035318	< 5