

2-55715

**2015 Sampling Program on Mining Claim L – 3010044 located in Bernhardt Township, in the Larder Lake Mining Division**

Introduction

A sampling program took place on November 1st and 2nd of 2014 on mining claim L 3010044 located in the eastern limit of Bernhardt Township. In the early part of 2014 a logging operation had clear cut a large area on the west side of Goodfish Lake. On November 1 st while looking in the area just west of # 3 post a small shaft or deep pit was located. It is approximately 1.5 meters square and 3 meters deep. This small pit/shaft was the focus of the sampling program.

Access

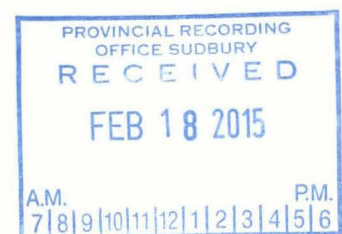
A dry weather road was used with the aid of an atv to get to the site on the winter logging Roads. The road meets the Airport road 2.5 km north of the railway tracks that cross the airport road. The utm coordinates' for this intersection are 17, 572459 E, 5337025 N. From this point it is 2km north on the winter road to the pit location.

Geology

Mining Claim L – 3010044 is mostly underlain by basaltic and andesitic flows. Individual flows can be readily seen along the western shore of Goodfish lake. Most of the exposers are metavolcanic (pillowed). There are a number of quartz feldspar dikes striking North 70 to 80 degrees east crossing the property. Shearing is usually found at the contacts between the metavolcanic and porphyry dikes.

In Bernhardt and Morrisette Townships near Goodfish Lake a distinctive type of granite porphyry is found as sills, stocks and dikes having a maximum width of a 1000 feet on surface. These bodies intrude the only the mafic metavolcanic sequence, the lowest unit of the metasediments and felsic metavolcanics interfingering with the mafic metavolcanic sequence.

The quartz – feldspar porphyry contains two generations of phenocrysts. The first consists of one inch diameter euhedral phenocrysts of albite or oligoclase partly or completely altered to sericite, carbonate and a rusty earthy mineral. The proportion of these large phenocrysts ranges from ten percent to less than one percent. The second generation of phenocrysts makes up 55 percent of the rock. They are oligoclase crystals up to a quarter inch in diameter and are accompanied by about five percent of equigranular quartz grains appearing as eyes. The alteration of the second generation of feldspar phenocrysts is composed of about 15% calcite and other very fine grained silicic minerals. Margins of these intrusive bodies and some narrow dikes are much fresher in appearance than the central parts of the larger bodies which have rusty weathered surfaces. Along the contacts of these quartz porphyry dikes and the pillowed metasediments shearing and mineralization is usually found.



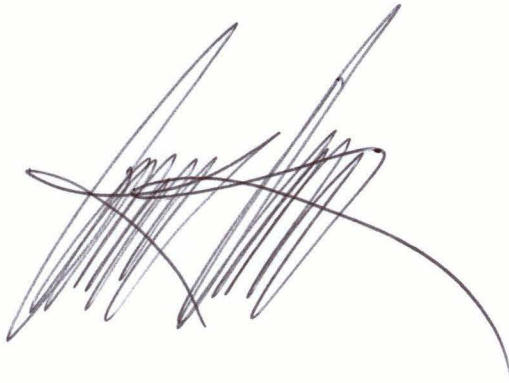
### The Program

On October 15/14 the sampling program of the pit/shaft began by removing the snow and cutting away the slash piles left behind by the recent logging operation. On October 27 & 28/14 chip sampling was done on the west and east side of the pit once the ice, snow and vegetation was burned a way by the use of a tiger torch. Once the bed rock was cleaned in the immediate area surrounding the pit/shaft chip samples were taken. The third sample was taken half way down the pit/shaft by using a rope to reach the half-way point. Snow was placed at the bottom of the pit/shaft to create a staging to stand on while retrieving the third sample. Three days were spent in the field to complete the sampling program. Once we had cleaned the outcropping on the surface around the pit/ shaft , the rock was rusty in appearance and a shear zone was present. The shear zone was striking north 70 degrees east. It is difficult to determine the width of the shear due to the snow and frozen vegetation on the outcrop in the sampling area. The rock sampled was rusty in color , carbonated, sheared and < 1% fine sulfides. The samples descriptions are as follows.

<u>Sample #</u>	<u>Description</u>	<u>Assay, gram/ton</u>
21503	Metavolcanic, pillowed, shear, rust in color, fine < 1% sulfides, silicified, carbonated	0.01
21504	Metavolcanic, , shear, rust in color, fine < 1% sulfides, silicified, carbonated.	0.01
21520	Metavolcanic, rust in color, carbonated, fine <1% fine sulfides shear.	<0.01

### Recommendations & Conclusions

Although all three samples assayed trace at best, further prospecting in this area will be done. Due to the time of year, it was difficult to see the full extent of the old workings. The shaft/pit was sunk by the use of hand tools. Whoever sunk this pit/shaft went to great efforts to sink it. Sampling should also be done on the rock dump from the pit area. It is obvious that the old prospectors saw some indication that gold was present in this area due to the other pits found at this location. It has been my experience that in areas where hand or manual extensive work was done there are indicators of precious metals present. As soon as the snow is gone work will begin in this area.





Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

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## Assay Certificate

**Certificate Number: 14-1621**

Company: **Tom O'Connor**

Project: Report Date: 12-Dec-14

Attn: Tom O'Connor

*We hereby certify* the following Assay of 3 rock/grab samples  
submitted 11-Dec-14 by Tom O'Connor

Sample Number	Au	Au Chk
	FA-MP	FA-MP
	g/Mt	g/Mt
21503	0.01	
21504	0.01	
21520	< 0.01	

Certified by Jing Lin

Jing Lin, M Sc.



# LEGEND

□ CLAIM Post LOCATED

▲ → 2520 Sample site with #

FOREST  
CLEAR CUT

pit

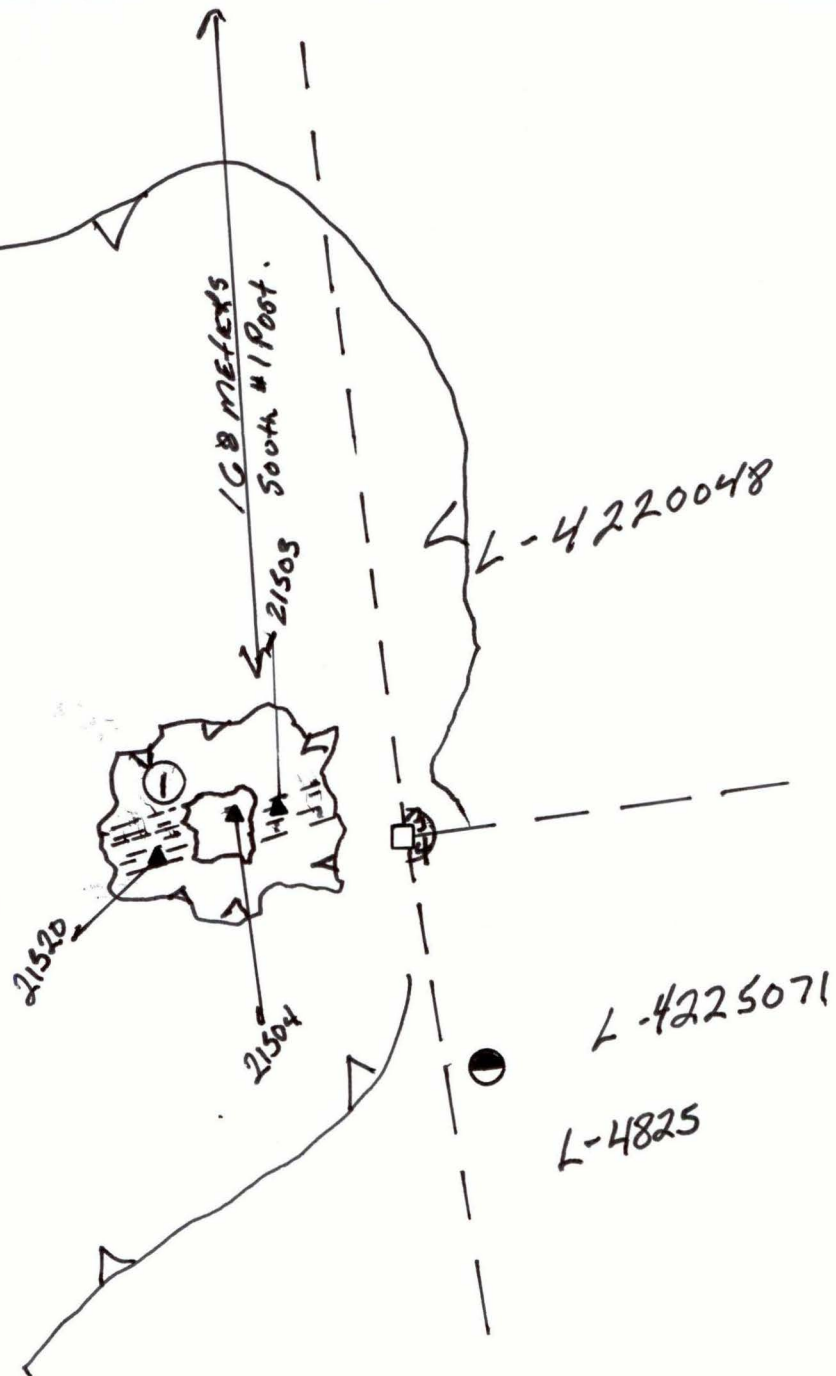
AREA CLEARED

≡≡≡ SHCAR ZONE

① METAVOLCANICS  
(pillowed)  
CARBONATED

L-3010044

0 2 4 6 8 10 12 14 16 18 METERS  
SCALE: 1 cm = 2 meters



Date / Time of Issue: Mon Mar 03 12:59:12 EST 2014

TOWNSHIP / AREA  
BERNHARDT

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division  
Land Titles/Registry Division  
Ministry of Natural Resources District

TOPOGRAPHIC

- Administrative Boundary
- Township
- Concession, Lot
- Provincial Park
- Indian Reserve
- C.R. Pit & Pile
- Contour
- Mine Shaft
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

- Freehold Patent
- Leasehold Patent
- Licence of Occupation

COOK	BARNEY	THACKERAY	ELLIOTT
BENDIT	MELBA	BISLEY	CLIFFORD
MAISONVILLE	BERNHARDT	MORRISSETTE	ARNOLD
GRENFELL	TECK	LEBEL	GAUTHIER
EBBY	OTTO	BOSTON	MCELROY
BLAIN	MARQUIS	FACAUD	



General Information and Limitations

Contact Information:  
Provincial Mining Recorders' Office  
Willet Green Miller Centre 933 Ramsey Lake Road  
Sudbury ON P0E 6B5  
Home Page: [www.mndm.gov.on.ca/MNDM/MINES/LANDS/mismpage.htm](http://www.mndm.gov.on.ca/MNDM/MINES/LANDS/mismpage.htm)

Toll Free  
Tel: 1 (888) 415-9845 ext 5742  
Fax: 1 (877) 670-1444

Map Datum: NAD 83  
Projection: UTM (6 degree)  
Topographic Data Source: Land Information Ontario  
Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.

Statement of Costs for the sampling program on Mining Claim L 3010044

<u>Date</u>	<u>Description</u>	<u>Cost</u>
Oct 15/14	T. O'Connor, 350.00/day, Supervisor	350.00
	P. Connelly , 250.00/day, Helper	250.00
	Chainsaw, 35.00/day	35.00
	Snow machine, 200.00/day	200.00
Oct 27/14	T. O'Connor, supervisor, 350.00/day	350.00
	P.Connelly, Helper, 250.00/day	250.00
	Propane for tiger torch	24.00
	Snow Machine, 200.00/day	200.00
Oct 28/14	T. O'Connor supervisor, 350.00/day	350.00
	P.Connelly,250.00/day	250.00
	Snow machine rental , 200.00/day	200.00
Dec15/14	Assays	93.00
Feb 15/15	Report, T. O'Connor, 350.00/day	350.00
	Total amount claimed	2902.00