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**REPORT ON A  
PROSPECTING AND  
MAPPING PROGRAM  
CHAMBERLAIN  
TOWNSHIP,  
ONTARIO  
N.T.S. 31-M/13**

by:  
**RAYMOND L. LASHBROOK**  
June 09, 2005

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## TABLE OF CONTENTS

	<u>Page</u>
Introduction	1
Property, Location and Access	2
Previous Work	2
Claim Map	Fig. 1
Regional Geology	3
Property Geology	3-4
Conclusions	5
Recommendations	5
Statement of Qualifications	
Geology Map	

## INTRODUCTION

The property was staked to cover a favourable geological setting for gold mineralization. From previous work it was known that brown and green carbonate horizons existed on the property and that they carried low gold values. Gold values within a 25 meter wide deformation zone exists on the claim immediately to the south of the property. A 15 meter deep shaft was sunk on this vein and several diamond drill holes define a small auriferous zone. Gold has also been located, both north and west of the property, within the Round Lake Batholith.

The present report covers a one day prospecting and mapping program carried out by the author. One new vein within an ~1 meter wide carbonatized zone was located that carried disseminated pyrite along the sheared contacts. The vein was up to 5 cms. wide.

## PROPERTY LOCATION AND ACCESS

The property is located in the Township of Chamberlain in the S1/2 of Con. 1, Lot 5. It consists of one 4 unit claim numbered 1197680.

The property is easily accessed from highway 560 approximately 4 kms. west from Englehart towards the hamlet of Charlton, and then north on the McPherson Road for 1.6 kilometers to the south boundary of the property.

The property is owned 100% by:

Raymond Lashbrook

973 Pine Creek Road South, R.R. #1

Callander, ON P0H 1H0

## PREVIOUS WORK

The property has had previous work performed on it as is evidenced by old pits and trenches on the property.

In 1985 a program of east-west grid lines, magnetometer and vlf-em surveys, and geological mapping was performed on the property.

Two drill holes, reported to have been drilled on quartz veins near the northwest boundary, returned low but persistent gold values.

An OPAP Program in 1994-95 performed by Raymond Lashbrook consisted of line cutting (northwest-southeast), magnetometer and Induced Polarization.

An OPAP program in 1995-96 consisted of one diamond drill hole to investigate an induced polarization anomaly.



579000E

580000E

5300000N

5300000N

5299000N

5299000N

579000E

580000E

UTM Zone 17  
1000m grid

LOT 6, CON 1

LOT 5, CON 1

LOT 4, CON 1

1197680

CHAMBERLAIN TWP.

DACK TWP.

REF75945  
LOT 6, CON 6

REF54466  
1217851  
LOT 5, CON 6

LOT 4, CON 6  
REF72367

## REGIONAL GEOLOGY

The property is located approximately 35 kilometers south from the town of Kirkland Lake within the Abitibi Greenstone Belt.

The komatiitic Wabewawa Group underlies an area near the south-eastern boundary of the Round Lake Batholith. To the north along this contact an older calc-alkalic supergroup is represented by the Pacaud Tuffs. Intruding these rocks is the Round Lake Batholith, an elliptical composite intrusion roughly 30 x 80 kilometers. It is composed mainly of massive and gneissic tonalite and trondhjemite.

## PROPERTY GEOLOGY

One day of prospecting and mapping was performed on the property. The results and outcrop locations are recorded on the accompanying map. All U.T.M. co-ordinates are given in NAD 83.

In general the property is bisected in a southwest-northeast direction with the mafic volcanic series of rocks to the southeast and the Round Lake Batholith to the northwest. In general the mafic volcanic rocks trend in a southwesterly direction. A traverse was taken along the east boundary starting at the #2 Post and going north and then northwesterly to the old rail bed. This traverse located several outcrops of mafic volcanic rock and inter-flow sediments along with one narrow horizon of iron formation composed of magnetite and chert at 0579934E, 5299347N. Further along and up on the hill, a number of sub-rounded quartz boulders up to 30 cms., was located at 0579860E, 5299518N. Only one contained some disseminated chalcopyrite and pyrite.

A rock-cut along the old railway bed has an ~1 meter wide carbonatized zone, striking 245 degrees, that contains a 3 cm. quartz-carbonate vein with ~1% pyrite disseminated along the sheared contact zone and the vein. A sample of this has been taken and will be sent for assay.

A large part of this portion of the property has been recently logged in part utilizing

the railroad bed as a haulage road.

Along the railroad bed at 0579535E, 5299488N a deep creek valley is located. This is the presumed northeast-southwest faulted contact of the intrusive with the meta-volcanic rocks. Further west along the railroad bed a cutting road runs sub-parallel to the creek. To the west of the creek only rocks of the Round Lake Batholith were located. No veining or sulphide mineralization was noted.

Along the south boundary of the property and the concession road several outcrops of variously sheared to massive mafic volcanic flows and tuffs were mapped. One outcrop located at 0579704E, 529940N, and just south of the concession road, was stripped. It was found to contain a quartz vein up to 0.5 meters on the northwest end and pinching out along the foliation to the southeast. To the north east side the rock is fairly massive but to the southwest side the rock may have been a breccia (flow top?) that has been quartz flooded. No sulphide mineralization was noted.

## CONCLUSIONS

The one day prospecting program was successful in locating one new vein within the favourable carbonate zones. Many new outcrops are easily accessed now that the area has been logged and contains roads.

## RECOMMENDATIONS

Further prospecting and mapping along the previously located induced polarization anomaly should be undertaken. Access is much easier now to bring in an excavator. Prospecting should also be undertaken to re-locate some old pits near the south boundary. These were put down on green and brown carbonated zones. These trenches should also be cleaned out and expanded by use of an excavator. Ultimately diamond drilling is required on the Induced Polarization anomalies.





## STATEMENT OF QUALIFICATIONS

I, **Raymond L. Lashbrook**, do hereby declare:

- i) that I reside at: 973 Pine Creek Road South, R.R.#1  
Callander, Ontario, P0H 1H0
- ii) that I attended Haileybury School of Mines in the Two Year Mining Technician course from 1967 to 1969.
- iii) that I have been practicing my profession ever since.
- iv) that I have personal knowledge of the facts presented in this report.
- v) that I own a contract exploration company, Lashex Ltd., that performed the assessment work being submitted.
- vi) that I have an interest in the property.

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Raymond L. Lashbrook  
June 09, 2005

