RECEIVED

JUN 10 2004

GEOSCIENCE ASSESSMENT OFFICE

GEOPHYSICAL REPORT
FOR
MR. DOUG LALONDE
ON THE
WHITESIDES PROPERTY
MASSEY AND WHITESIDES TOWNSHIPS
PORCUPINE MINING DIVISION
NORTHEASTERN ONTARIO

2. 2783 g



Prepared By: J.C.Grant, CET, FGAC May, 2004



42A05NW2011 2.27836

MASSEY

TABLE OF CONTENTS

	1	PAGE
INTRODUCTION	• • • • • • • • • • • • • • • • • • • •	1
PROPERTY LOCATION	N AND ACCESS	1,2
CLAIM GROUP	• • • • • • • • • • • • • • • • • • • •	2
PERSONNEL	• • • • • • • • • • • • • • • • • • • •	2
GROUND PROGRAM	• • • • • • • • • • • • • • • • • • • •	2,3
MAGNETIC SURVEY.	• • • • • • • • • • • • • • • • • • • •	3
SURVEY RESULTS	• • • • • • • • • • • • • • • • • • • •	3
CONCLUSIONS AND H	RECOMMENDATIONS	4
CERTIFICATE		
APPENDICES:	APPENDIX A, SCINTREX, MP-2 PROTON	MAG
LIST OF FIGURES:	FIGURE 1 LOCATION MAP FIGURE 2 PROPERTY LOCATION MA FIGURE 3 CLAIM MAP	P
POCKET MAPS:	COLOR CONTOURED TOTAL FIELD MAGNE 1:5000.	TIC SURVEY

Page 1

INTRODUCTION

The services of Exsics Exploration Limited were retained by Mr. Doug Lalonde to complete a detailed plot and report on a total field magnetic survey that he carried out on his Whitesides Property located in Massey and Whitesides Townships of the Porcupine Mining Division. The intent of the magnetic survey was to cover the property from line 3100MN to and including 1200MN and to follow up on historical surveys that had outlined two parallel conductive horizons striking north-south across lines 2600MN to and including 2100MN.

Both of these targets were found to represent legitimated bedrock conductors ranging from <u>25 to 50 mhos in conductivity and situated at a depth to source of 35 to 55 metres.</u>

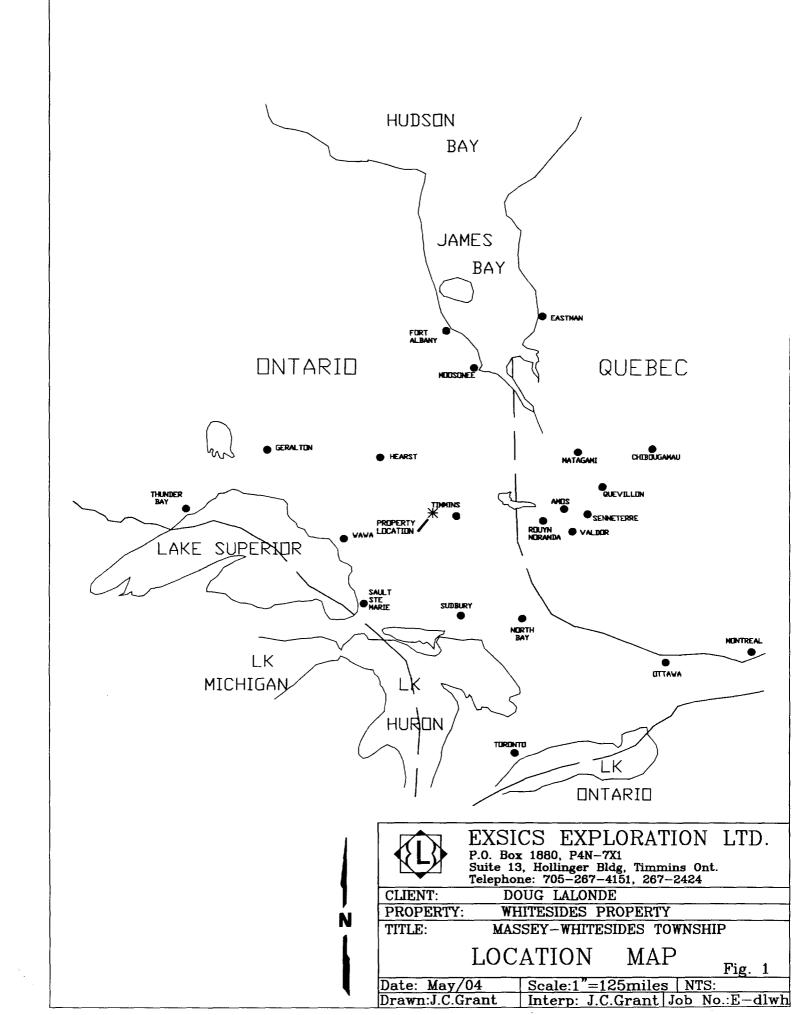
A drill hole was done from line 2300MN at approximately 12.5 metres east of the baseline to test the two targets. The drill hole returned ore grade copper and nickel assays in both targets with the eastern zone representing the higher grade zone.

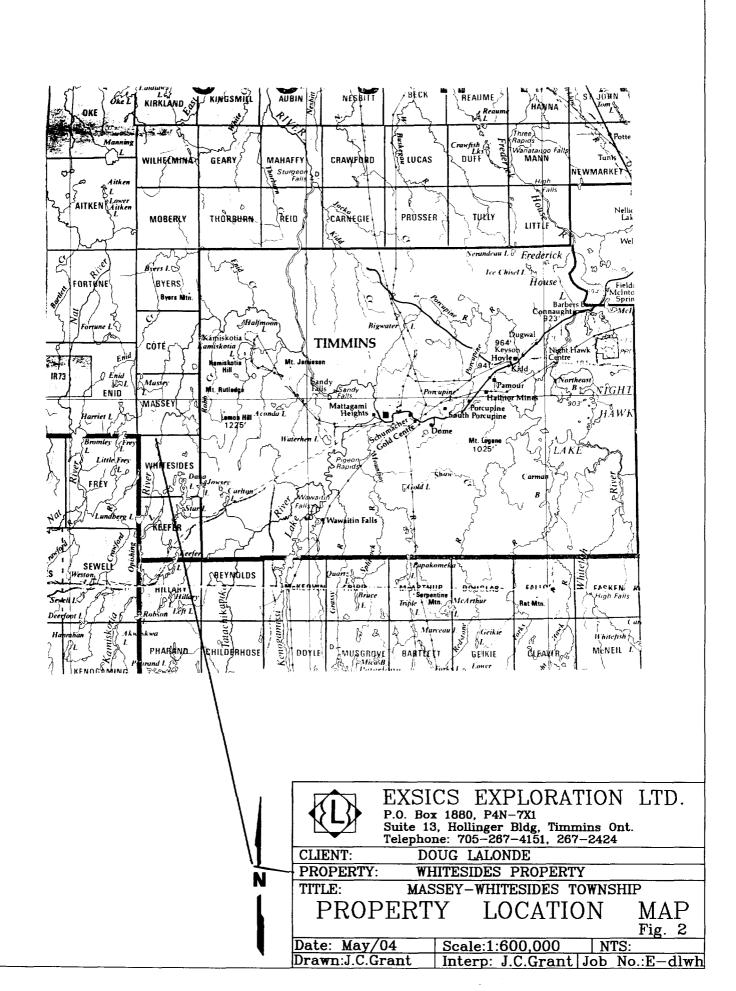
Based on the success of the drilling, D. Lalonde acquired the property and completed a detailed magnetic survey over the entire claim group. A total of 30.2 kilometres of grid lines were compassed and paced across the claim block between the $5^{\rm th}$ of March to the $12^{\rm th}$ of April, 2004.

PROPERTY LOCATION AND ACCESS

The Whitesides property claim group is located in the south central section of Massey Township and the north central section of Whitesides Township. Both of these Townships are located in the Porcupine Mining Division of Northeastern Ontario. Figure 1. More specifically the claims are located to the immediate west of the Kamiskotia river which flows generally north-south through the Townships. The Township line between Massey and Whitesides cuts the claim group in half in an east-west direction. Figure 2.

Access to the property during the survey period was relatively easy. Approximately 10 kilometres west of the City of Timmins, Malette Lumber maintains an all weather gravel road to their current and ongoing logging operations in a number of townships to the west and northwest of Timmins.





Page 2

This gravel road commences immediately west of the Malette Mill and runs north and northwest off of Highway 101 west. A twenty minute ride north-northwest along this gravel road will bring one to the 27 kilometre marker and a bridge across the Kamiskotia River. One kilometre further north-northwest of this bridge will bring one to an old drill road which lead to the collar location of the drill hole situated on line 2300MN at 12.5 metres east of the baseline. This road allowed for skidoo access of about 6 kilometres to reach the hole location. Travelling time from Timmins to the grid is approximately 65 minutes.

CLAIM GROUP

The claim numbers which were covered by this program are as follows.

P-1231462	16	units,	Massey Township
P-1213321	7	units,	Whitesides Township
P-1213382	1	unit,	Whitesides Township

Refer to figure 3, copied from MNDM Plan Maps, of Whitsides and Massey Townships.

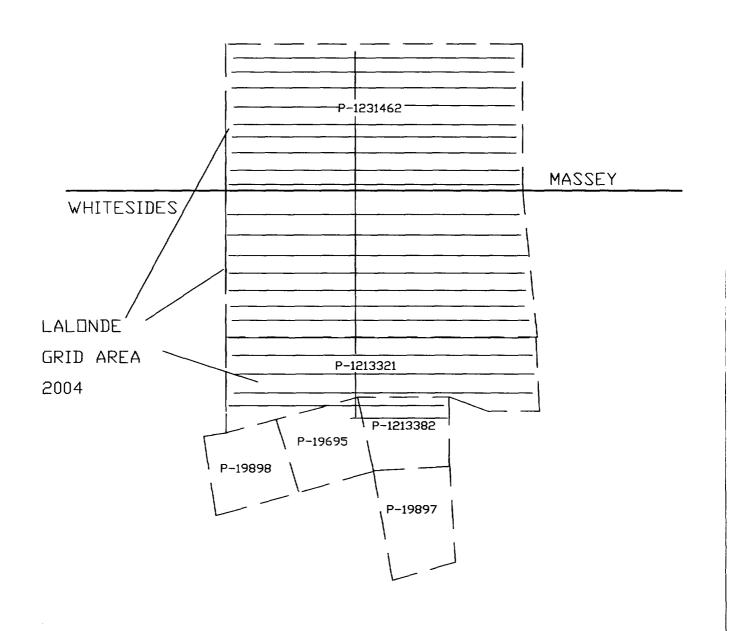
PERSONNEL

The individual directly responsible for the collection of all the total field magnetic data was Doug Lalonde of Timmins and the property holder. The raw data was corrected and levelled by J.C. Grant and all of the plotting, interpretation and report was completed by J.C. Grant.

GROUND PROGRAM

This program consisted of a detailed metric grid being compass, paced and flagged with a GPS unit commencing at baseline, 1200MN and extending to and including 3100MN, baseline. Cross lines were turned off of this baseline at 100 metre intervals and compassed, paced and flagged with 25 metre stations to 600MW and 1000ME of the baseline. In all, a total of 30.2 kilometres of grid lines were established across the property.

A total field magnetic survey was done in conjunction with the grid using a Scintrex, MP-2 Portable Proton unit. Specifications for this system can be found as Appendix A of this report. The following parameters were kept constant throughout the survey period.





EXSICS EXPLORATION LTD.

P.O. Box 1880, P4N-7X1 Suite 13, Hollinger Bldg, Timmins Ont. Telephone: 705-267-4151, 267-2424

CLIENT: DOUG LALONDE PROPERTY: WHITESIDES PROPERTY TITLE: MASSEY-WHITESIDES TOWNSHIP

> **CLAIM** SKETCH

Fig. 3

Scale:1:20,000 Date: May/04 NTS: Drawn:J.C.Grant Interp: J.C.Grant Job No.:E-dlwh

The collected data was then corrected and a datum of 57000 was removed from each reading. The resultant data was then plotted directly onto a base map at a scale of 1:5000. The data was then contoured at 40 gamma intervals where ever possible. A copy of this color contoured plan map is included in the back pocket of this report.

SURVEY RESULTS:

The magnetic survey was successful in outlining the geological characteristics of the property. The long narrow magnetic high units that parallel each other and generally strike across the western section of the grid most probably relate to fault controlled diabase dike like units. Several similar magnetic high units were also noted striking more or less north-south across the central and eastern sections of the property which may also represent dike like features at various depths.

The good magnetic high situated between lines 2100MN and 2700MN which shows some swelling in the area of lines 2200MN to 2500MN appear to relate to the copper-nickel ore grade intersections from the drill hole that was done to test the original HLEM conductors. This magnetic high unit is also on strike with the known deposit of copper-nickel rich material that has been drilled on the Warren Claims to the immediate south of the Lalonde property. This magnetic high was just noted on line 1200MN just to the west of Lalonde's baseline.

CONCLUSIONS AND RECOMMENDATIONS

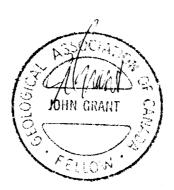
The previous HLEM and other deep penetrating EM surveys did confirm the down dip extension of the zones that were drill tested by the hole collared on line 2300MN just to the west of the baseline. The magnetic survey was also successful in positioning a good magnetic high unit directly associated with the zones. The drill hole did return ore grade intersections of copper and nickel and this mineralization may extend to depth.

A follow-up program should consist of additional drilling of the HLEM zones especially along strike to better define the extent of the copper and nickel zone. There are airborne targets on the property which probably relate to the HLEM zones. In any event, the property should be drill tested to depth with all holes followed up with down hole surveys to test for parallel zones and depth extensions. A more aggressive geophysical survey should also be considered for the area to better define the airborne targets as well as to test the area for additional conductive horizons. All ground surveys for this group as well as for the Warren Property to the south should be compiled for a better picture of the property.

The follow-up program should consist of re-establishing the original grid and then covering the lines with a detailed deep penetrating EM survey. The re-establishment of the grid will also aid in laying out drill holes and downhole EM loops.

Respectfully submitted

J.C.Grant, CET, FGAC. May, 2004



CERTIFICATION

I, John Charles Grant, of 108 Kay Crescent, in the City of Timmins, Province of Ontario, hereby certify that:

- 1). I am a graduate of Cambrian College of Applied Arts and Technology, 1975, Sudbury Ontario Campus, with an Honors Diploma in Geological and Geophysical Technology.
- 2). I have worked subsequently as an Exploration Geophysicist for Teck Exploration Limited, (5 years), and currently as Exploration Manager and Geophysicist for Exsics Exploration Limited, since 1980.
- 3). I am a member in good standing of the Certified Engineering Technologist Association, (CET), since 1984
- 4). I am a Fellow of the Geological Association of Canada, (FGAC), since 1986.
- 5). I have been actively engaged in my profession since the 15th of May of 1975, in all aspects of ground exploration programs, including the planning and execution of field programs, project supervision, data compilation, interpretations and reports.
- 6). I have no specific or special interest in the herein described property. I have been retained by the property holders and or their Agent as a Geophysical Consultant and Contract Manager.

OHN GRANT

John Charles Grant, CET., FGAC.

APPENDIX A



SCINTREX

earth science division

Proton Precession Magnetometer for Portable or Base Station Use

MP-2

features ▶

1 gamma sensitivity and accuracy over range of 20,000 to 100,000 gammas.

- Operates in very high gradients, to 5000 gammas per metre.
- Ultra small size and weight.
- Up to 25,000 readings from only 8 D cells.
- Battery pack isolated from electronics for corrosion protection.
- Battery pack easily extended for winter use.
- Light-emitting diode digital display, with complete test feature.
- Unique no-glare polarized reflector permits easy reading in bright sunlight.
- Indicator light warning of excessive gradient, ambient noise or electronic failure.
- Digital readout of battery voltage.
- Rugged all metal housing for rough field use at all temperatures.
- Automatic recycling or external trigger features permit ready conversion to base station use.
- Short reading time.
- Broad operating temperature range.

The MP-2 is a portable one gamma proton precession magnetometer for field survey or base station use. The optimized design of sensor and circuitry using the latest CMOS components has resulted in a very light weight, low power consumption, rugged and reliable magnetometer.

Light emitting diodes coupled with an ingenious optically polarized reflector combine solid state reliability with easy reading even in bright sunlight.

A standard automatic recycling feature allows ready use of the MP-2, with suitable (optional) interfacing, as a base station recorder in analogue or ditigal form. Alternatively, a remote trigger can be used.

The noise-cancelling dual-coil sensor and electronics have been so designed as to effectively eliminate reading problems due to virtually all magnetic gradients which may be encountered in field survey conditions.



TECHNICAL DESCRIPTION OF MP-2 MAGNETOMETER



RESOLUTION

TOTAL FIELD ACCURACY

RANGE

INTERNAL MEASURING PROGRAMME

EXTERNAL TRIGGER

DISPLAY

RECORDER OUTPUT (Optional)

GRADIENT TOLERANCE

POWER SOURCE

SENSOR

HARNESS

OPERATING TEMPERATURE TANGE

SIZE

WEIGHTS

1 Gamma.

± 1 Gamma over full operating range.

20,000 to 100,000 gammas in 25 overlapping steps.

Single reading — 3.7 seconds. Recycleature permits automatic repetitive readings 3.7 seconds intervals.

External trigger input permits use of sampling intervals longer than 3.7 seconds.

5 digit LED (Light Emitting Diode) readout displaying total magnetic field in gammas or normalized battery voltage.

Multiplied precession frequency and gate time outputs for interfacing with incremental tape recorders (eg. Increlogger) for digital recording. As an additional option a digital to analogue convertor is available for use with analogue recorders.

Up to 5000 gammas/metre.

8 alkaline "D" cells provice up to 25,000 readings at 25° C under reasonable signal/noise conditions (less at lower temperatures). Premium carbon-zinc cells provide about 40% of this number.

Omnidirectional, shielded, noise-cancelling dual coil, optimized for high gradient tolerance.

Complete for operation with staff or back pack sensor.

-35°C to +60°C.

Console, with batteries: 80 x 160 x 250mm.

Sensor: 80 x 150mm.

Staff: 30 x 1550mm. (extended) 30 x 600 mm. (collapsed)

Console, with batteries: 1.8kg.

Sensor: 1.3kg. Staff: 0.6kg.

SCINTREX LIMITED

222 Snidercroft Road,

Concord Optorio Connedo 1 41/ 405



Work Report Summary

Transaction No:

W0460.00894

Status: APPROVED

Recording Date:

2004-JUN-09

Work Done from: 2004-MAR-05

Approval Date:

2004-JUN-10

to: 2004-MAY-12

Client(s):

156077

LALONDE, DOUGLAS JOSEPH

Survey Type(s):

LC

MAG

Work Report Details:												
CI	aim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date		
Р	1213321	\$2,000	\$2,000	\$2,800	\$2,800	\$0	0	\$0	\$0	2005-NOV-08		
Р	1213382	\$330	\$330	\$400	\$400	\$0	0	\$0	\$0	2005-NOV-08		
P	1231462	\$7,629	\$7,629	\$6,400	\$6,400	\$870	870	\$359	\$359	2005-JUN-29		
		\$9,959	\$9,959	\$9,600	\$9,600	\$870	\$870	\$359	\$359	-		

External Credits:

\$0

Reserve:

\$359

Reserve of Work Report#: W0460.00894

\$359

Total Remaining

Status of claim is based on information currently on record.



42A05NW2011 2.27836

MASSEY

900

Ministry of Northern Development and Mines

Date: 2004-JUN-11

Ministère du Développement du Nord et des Mines



GEOSCIENCE ASSESSMENT OFFICE 933 RAMSEY LAKE ROAD, 6th FLOOR SUDBURY, ONTARIO P3E 6B5

Tel: (888) 415-9845 Fax:(877) 670-1555

DOUGLAS JOSEPH LALONDE 53 WAY AVENUE TIMMINS, ONTARIO P4N 3C4 CANADA

Dear Sir or Madam

Transaction Number(s): W0460.00894

Submission Number: 2.27836

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact BRUCE GATES by email at bruce.gates@ndm.gov.on.ca or by phone at (705) 670-5856.

Yours Sincerely,

Ron C Gashinshi

Senior Manager, Mining Lands Section

Cc: Resident Geologist

Douglas Joseph Lalonde

(Claim Holder)

Assessment File Library

Douglas Joseph Lalonde (Assessment Office)

