



42A13SE2010 2.22826 THORBURN

010

**2001 ASSESSMENT REPORT
HLEM SURVEY AND DIAMOND DRILL PROGRAM**

**LALONDE PROPERTY
MOBERLY AND THORBURN
TOWNSHIPS, ONTARIO**

NTS: 42-A-12

2 22826

D.P. Car
Inco Technical Services Limited
January 24, 2002

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Summary

The Lalonde Property covers approximately 6 km of N-S trending stratigraphy in Moberly and Thorburn Townships. The property consists of eight claims totalling 93 units and was held under option by Inco Limited until shortly after completion of the exploration program described in this report.

Access is provided by a series of logging roads extending from the northwestern terminus of Highway 576.

Between July 10 and 12, a Horizontal Loop EM (HLEM) survey was completed over a previously installed grid that covers most of the property. The grid had recently been covered by a UTEM survey that did not detect any strong conductors. The UTEM data was submitted in a previous report.

The HLEM survey detected a short, weak conductor that might possibly represent VMS mineralization.

The conductor was tested with a diamond drill hole in November 2001. The conductivity is due to narrow bands of semi-massive pyrrhotite associated with oxide facies iron formation. No significant base metal or gold assays were obtained.

Introduction

The Lalonde Property covers a 6 km portion of N-S trending stratigraphy that may contain the source of numerous nickeliferous erratics referred to as the Loveland float.

The current program was designed to investigate an airborne EM conductor considered to be the possible source of the Loveland float.

Property

Location and Access

The property is located approximately 40 km northwest of Timmins, within Thorburn and Moberly Townships (Figure 1). It may be accessed via a series of logging roads that extend from the northwestern terminus of Highway 576.

Property Status

The property consists of eight contiguous claims containing a total of 93 units (Figure 2). The claims were held by Inco Limited under option from Messers Lalonde, Godin and Renaudat until November 24, 2001.

<u>Claim</u>	<u>No. of Units</u>	<u>Due Date</u>
P1224391	4	November 28, 2002
P1224392	4	November 28, 2002
P1224373	16	November 24, 2002
P1224374	8	November 24, 2002
P1224368	16	November 24, 2002
P1224367	15	November 24, 2002
P1224371	14	November 24, 2002
P1224372	16	November 24, 2002

Exploration History

Foreign Exploration

1962: Canico completed an extensive airborne magnetometer and EM survey. The current Lalonde Property was included within this survey. No ground follow-up was carried out.

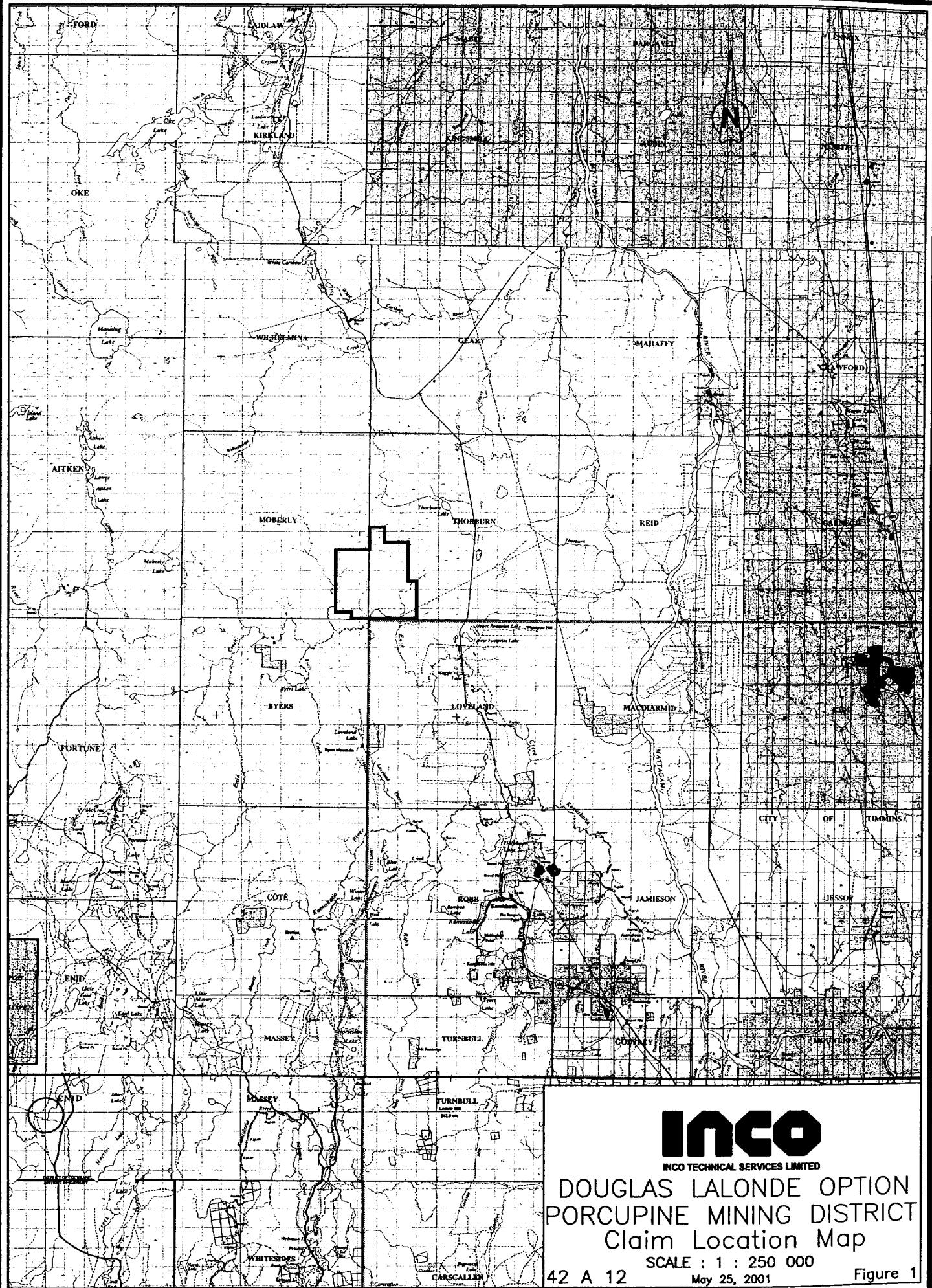
1988: The OGS covered the Lalonde Property as part of a regional airborne GEOTEM survey.

Exploration by Current Owners

1999: Mr. Lalonde et al. carried out an induced polarization survey over a portion of the property.

Previous Exploration by ITSL

2001: A total of 41.8 line km of grid was cut and/or refreshed (Figure 3).



INCO
INCO TECHNICAL SERVICES LIMITED

DOUGLAS LALONDE OPTION
PORCUPINE MINING DISTRICT
Claim Location Map

SCALE : 1 : 250 000

May 25, 2001

42 A 12

Figure 1

ERLY

MOBERLY

Thorburn

Lake

TH

THORNBURN

1224372

1224371

1224367

1224373

1224374

1224368

1224391

1224392

Enid

Byers Lake

BYERS

LOVELAND

Maggie's
Lake

ERS

Loveland
Lake**INCO**

INCO TECHNICAL SERVICES LIMITED

DOUGLAS LALONDE OPTION
PORCUPINE MINING DISTRICT
Claim Location Map

SCALE: 1:50 000

42 A 12

May 25, 2001

Figure 2

ERLY

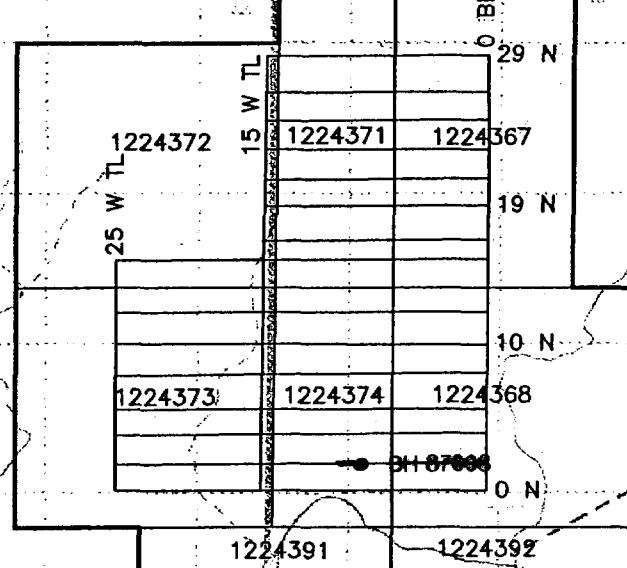
MOBERLY

Thorburn
Lake

TE



THORNBURN



BYERS

Byers Lake

Enid

Maggie's
Lake

ERS

Loveland
Lake

INCO
INCO TECHNICAL SERVICES LIMITED

DOUGLAS LALONDE OPTION
PORCUPINE MINING DISTRICT
Grid Location Map

SCALE: 1:50 000

42 A 12

May 25, 2001

Figure 3

A UTEM-3 large-loop EM survey was conducted on the property by Lamontagne Geophysics Ltd. A total of 36.125 km of vertical field UTEM data was collected from three transmitter loops.

A few very weak responses were detected, but they were considered to be too insignificant to be drill tested.

Regional Geology

The area is underlain by Archean metavolcanic rocks near the western limit of the Abitibi Belt. The metavolcanics are tightly folded and are intruded by granite. North-trending diabase dikes are common throughout the region. To date, several small uneconomic mineralized gabbro intrusives have been identified in the area.

Property Geology

The property is completely covered by overburden. Consequently, no detailed geology can be described.

2001 Exploration Program – Phase 2

HLEM Survey

The grid was covered with a Max-Min Horizontal Loop EM survey using a coil separation of 100 m. At each 25 m station, readings were taken using 222, 444, and 1,777 Hz frequencies. Instrument specifications are provided in Appendix 3 and individual frequency profiles are included in Appendix 4.

Interpretation

The low-frequency HLEM survey was essentially unresponsive, indicating no high quality conductors characteristic of pyrrhotite or chalcopyrite-dominated mineralization. A number of weak conductors were, however, apparent in the mid-level frequency data. The best of these is located at about 925W on line 200N coincident with the eastern margin of a resistive unit mapped by the UTEM. The response is consistent with a 25 Siemen, steeply dipping, thin conductor buried at a depth of 20 m. A number of lesser weak responses appears near the western edge of the grid on lines 200N-1600N in an area mapped by the UTEM as a complex set of contacts suggesting a sedimentary terrane. Some of these appear to be caused by moderately west-dipping conductors in the 1-10 Siemen conductance range.

Drill Program

Between November 13 and 15, a diamond drill hole totalling 149.0 m was completed by Bradley Brothers Limited. Mobilization and demobilization of the drill was carried out by helicopter.

The borehole was designed to test a weak HLEM conductor located at 925W on line 200N (Figure 4).

The hole intersected a volcanosedimentary sequence comprised of massive andesitic flows or sills, felsic lapilli tuff, intermediate debris flows, and banded oxide and sulphide facies iron formation.

The conductor was determined to be caused by a sulphide facies iron formation that is less than 1 m thick. It consists of 30% pyrrhotite and trace chalcopyrite interbedded with thin chert bands, with the pyrrhotite occurring as two semi-massive bands to 30 cm thick.

No significant gold or base metal values were obtained. The analyses are provided in the certificate of analysis contained in Appendix 6.

Conclusions and Recommendations

No further work is recommended for the property.

References

Kustra, C.R., Editor, 1974

Annual Report of Resident Geologists' Section, Geological Branch, 1973. Misc. Paper 57. Ministry of Natural Resources, Ontario Division of Mines.

Pye, E.G., Editor, 1975

Annual Report of the Regional and Resident Geologists, 1974. Misc. Paper 60, 1975. Ministry of Natural Resources, Ontario Division of Mines.

STATEMENT OF EXPENDITURES

Contract HLEM Survey	\$4,950.00
Contract Diamond Drilling	\$20,365.00
ITSL Employee Wages	\$2,440.00
Field Expenses	<u>\$584.00</u>
Total	\$28,339.00

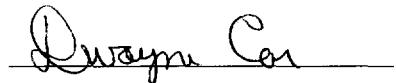
APPENDIX 1

CERTIFICATE OF QUALIFICATIONS

I, Dwayne Car of the Town of Nickel Centre, in the Province of Ontario, HEREBY CERTIFY:

1. That I reside at 1353 Dryden Road, Wahnapitae, Ontario, Canada, P0M 3C0.
2. That I am a graduate of Laurentian University, Sudbury, Ontario, with a degree of Bachelor of Science (1974) and a graduate of the University of Manitoba, Winnipeg, Manitoba, with a degree of Master of Science (1980).
3. That I am an Area Geologist with Inco Technical Services, of Copper Cliff, Ontario, P0M 1N0.
4. That I have practiced my profession as a geologist since 1977, having worked in Labrador, Quebec, New Brunswick, Manitoba, the Northwest Territories, Ontario, British Columbia and Greenland.
5. That the work described in this report was carried out under my supervision.

Dated at Copper Cliff, Ontario, this 24th day of January, 2002.



A handwritten signature in black ink, appearing to read "Dwayne Car", is written over a horizontal line.

APPENDIX 2

LIST OF PERSONNEL

<u>Personnel</u>	<u>Work Period</u>	<u>Affiliation</u>
HLEM Survey Crew	July 10-12	M.C. Exploration Services Inc. 263 Lois Cr. Timmins, Ontario P4P 1G7
Bradley Bros. Drill Crew	November 13-16	P.O. Box 2367 Rouyn-Noranda, Quebec J9X 5A9
D.P. Car	November 13-16 November 20	Inco Technical Services Limited Hwy 17 West Copper Cliff, Ontario P0M 1N0
B. Polzer	July 20	Inco Technical Services Limited Hwy 17 West Copper Cliff, Ontario P0M 1N0

2 223 26.

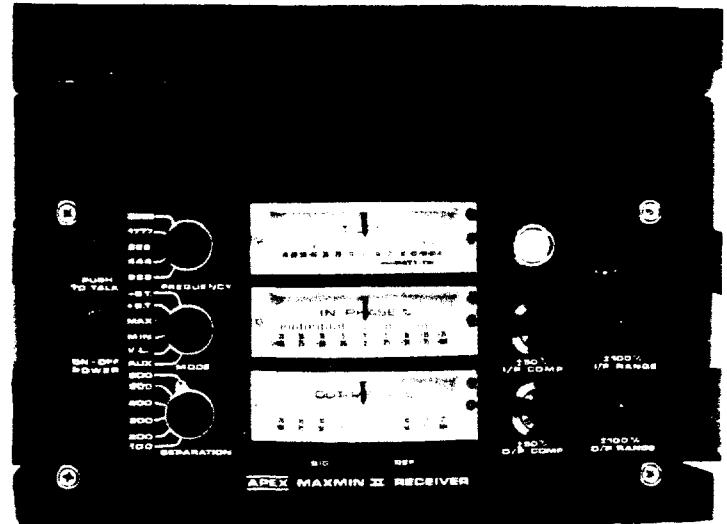
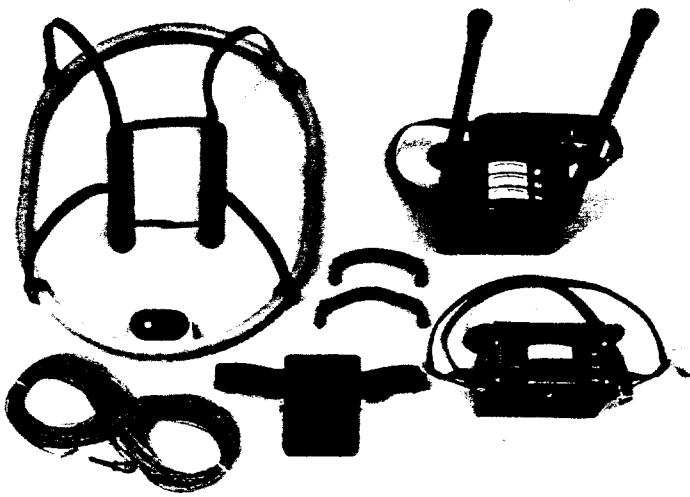
APPENDIX 3
INSTRUMENT SPECIFICATIONS

APEX**MAXMIN II+**
PORTABLE EM

- Five frequencies: 222, 444, 888, 1777 and 3555 Hz.
- Maximum coupled (horizontal-loop) operation with reference cable.
- Minimum coupled operation with reference cable.
- Vertical-loop operation without reference cable.
- Coil separations: 50, 100, 150, 200, 300 and 400 m (with cable) or 200, 400, 600, 800, 1200 and 1600 ft.
- Reliable data from depths of up to 300 m (1200 ft).
- Built-in voice communication circuitry with cable.
- Tilt meters to control coil orientation.

NOW ALSO ±4%
QUADRATURE &
FULL SCALE. IP





SPECIFICATIONS :

Frequencies: 222, 444, 888, 1777 and 3555 Hz.

Modes of Operation: MAX: Transmitter coil plane and receiver coil plane horizontal (Max-coupled; Horizontal-loop mode). Used with reference cable.

MIN: Transmitter coil plane horizontal and receiver coil plane vertical (Min-coupled mode). Used with reference cable.

V.L.: Transmitter coil plane vertical and receiver coil plane horizontal (Vertical-loop mode). Used without reference cable, in parallel lines.

Coil Separations: 50, 100, 150, 200, 300 & 400m, or 200, 400, 600, 800, 1200 & 1600ft.

Coil separations in V.L. mode not restricted to fixed values.

Parameters Read:

- In-Phase and Quadrature components of the secondary field in MAX and MIN modes.
- Tilt-angle of the total field in V.L. mode.

Readouts:

- Automatic, direct readout on 90mm (3.5") edgewise meters in MAX and MIN modes. No nulling or compensation necessary.
- Tilt angle and null in 90mm edgewise meters in V.L. mode.

Scale Ranges: In-Phase: $\pm 20\%$, $\pm 100\%$ & $\pm 4\%$ FS.
Quadrature: $\pm 20\%$, $\pm 100\%$ & $\pm 4\%$ FS.

NOW ALSO $\pm 4\%$ QUADRATURE & IP FULL SCALE.
Tilt: $\pm 75\%$ slope.
Null (V.L.): Sensitivity adjustable by separation switch.

Readability: In-Phase and Quadrature: 0.1% to 0.5%; Tilt: 1%.

Repeatability:

$\pm 0.1\%$ to $\pm 1\%$ normally, depending on conditions, frequencies and coil separation used.

Transmitter Output:

- 222Hz : 300 Atm²
- 444Hz : 290 Atm²
- 888Hz : 260 Atm²
- 1777Hz : 200 Atm²
- 3555Hz : 100 Atm²

Receiver Batteries: 9V trans. radio type batteries (4). Life: approx. 35hrs. continuous duty (alkaline, 0.5 Ah), less in cold weather.

Transmitter Batteries:

12V 13Ah Gel-type rechargeable battery. (ChargerS supplied).

Reference Cable:

Light weight 2-conductor teflon cable for minimum friction. Unshielded. All reference cables optional at extra cost. Please specify.

Voice Link:

Built-in intercom system for voice communication between receiver and transmitter operators in MAX and MIN modes, via reference cable.

Indicator Lights:

Built-in signal and reference warning lights to indicate erroneous readings.

Temperature Range: -40°C to +60°C (-40°F to +140°F).

Receiver Weight: 6kg (13 lbs.)

Transmitter Weight: 15 kg (33 lbs.)

Shipping Weight: Typically 75 kg (165 lbs.), depending on quantities of reference cable and batteries included. Shipped in two field/shipping cases.

Specifications subject to change without notification.

APEX

PARAMETRICS LIMITED

P.O. BOX 818, RR#1, UXBRIDGE, ONTARIO, CANADA L0C 1K0

Phone: (416) 852-5875

Cables: APEXPARA TORONTO

11-1 WTC / 101 11-1

APPENDIX 4

DATA PROFILES

APPENDIX 5
BOREHOLE LOG AND SECTION

87608-0

INCO Technical Services Limited
Borehole Log

87608-0

Borehole :	87608-0	Project :	Lalonde	NTS/SECT.T.R. :	-42-A-12	Drill Type :	-Fly 25
Northing :	2.00	Property :	Lalonde	Logging Started :	-November 20, 2001	Core Size :	-BQ
Easting :	-840.00	Grid Name :	-Thorburn	Logging Completed :	-November 21, 2001	Baseline Azimuth :	-360
Elevation :	1000.00 m	Claim # :	-1224374	Logged By :	-D. Car	Borehole Bearing :	-270
Hole length:	149.00 m	Township/County :	-Thorburn	Date Started :	-November, 13, 2001	Section :	-
Setup name:		Province/State :	-Ontario	Date Completed :	-November 15, 2001	Assayed For :	-Pb, Zn, Cu, Au
Log		Country :	-Canada	Drilled By :	-Bradley Bros.		

Print Date:
25-Jan-2002 12:36

Survey Records

	depth	azm	dip		depth	azm	dip		depth	azm	dip	
	0.00	270.00	-45.00		44.00	270.00	-44.00		101.00	270.00	-43.00	

Comments: -Collar is 1265 m south and 335 m east of #4 post of claim# 1224374

From m	To m	Description	From m	To m	Length m	Sample#	ZN %	CU %	AU ppb
0.00	40.00	OVERBURDEN Sand and a few boulders.	0.00	40.00	40.00	NS			
40.00	51.40	ANDESITE Massive medium grained highly magnetic massive flow or sill. The lower 1.5 m is very fine grained chill margin. less than 1 percent anhedral plagioclase to 1 centimetre in diameter.	40.00	51.40	11.40	NS			
51.40	52.90	LAPILLI TUFF Felsic unbedded lapilli tuff with angular clasts to 2 centimetre long. Most clasts are rhyolite and some have white alteration rims to 2 millimetre wide. 20 centimetre wide very fine grained porphyritic andesite ? Dike at 53.10.	51.40	52.90	1.50	NS			
52.90	65.30	BRECCIA Very chaotic fragmental that may be a lahar. Rounded to angular clasts of beige, gray and pink rhyolite in a siliceous to siltstone matrix. Most of the unit is clast-supported. Epidote alteration in places. Trace pyrite as crystals to 8 millimetre.	52.90	65.30	12.40	NS			
65.30	78.60	BANDED IRON FORMATION Well bedded iron formation composed of chert and magnetite beds to 5 centimetres thick, interbedded with some light green to gray tuff beds to 5 centimetres thick. Varies from magnetite-rich to magnetite-poor. Less than 2 percent pyrrhotite as a few bands to 2 centimetre thick. Trace chalcopyrite as a few stringers to 1 millimetre wide in the pyrrhotite. Interesting load cast in tuff at 65.8. Some chert beds are boudinaged.	65.30	78.60	13.30	NS			

87608-0

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INCO Technical Services Limited
Borehole Log

87608-0

From m	To m	Description	From m	To m	Length m	Sample#	ZN %	CU %	AU ppb
Core angles are 55 degrees.									
78.60	86.75	TUFF							
		Thinly to thick bedded very fine grained to fine grained felsic to intermediate tuff, interbedded with minor dark green siltstone and white chert. Some chert beds are highly boudinaged. Trace pyrrhotite as a few stringers to 1 centimetre thick. Trace chalcopyrite as a few stringers to 1 millimetre wide associated with the pyrrhotite.	78.60	86.75	8.15	NS			
86.75	87.05	TUFF							
		Thin to thick bedded felsic tuff interbedded with 5percent pyrrhotite as semi-massive stringers to 2 centimetres wide. trace pyrite as a 2 millimetre wide stringer.	86.75	87.05	0.30	FX806501	0.05	0.03	7
		Core angles are 55 degrees.							
87.05	87.70	TUFF							
As at 78.60			87.05	87.70	0.65	NS			
87.70	87.90	TUFF							
As at 86.75. Up to 10percent pyrrhotite.			87.70	87.90	0.20	FX806502	0.12	0.06	22
87.90	91.55	TUFF							
As at 78.60. The lower 1 medium is massive fine grained green tuff?			87.90	91.55	3.65	NS			
91.55	92.35	SULFIDE							
30percent pyrrhotite as 2 semi-massive bands to 30 centimetres thick interbedded with contorted chert bands to 2 centimetres thick. Trace chalcopyrite as a few discontinuous stringers less than 1 millimetre wide. Trace pyrite as stringers and grains to 2 millimetre wide.			91.55	92.35	0.80	FX806503	0.08	0.05	15
The lower 10 centimetres are highly brecciated chert fragments in a calcite matrix.									
92.35	92.90	DIKE							
Very fine grained massive dark green mafic dike.			92.35	92.90	0.55	NS			
92.90	93.90	CHEM							
Highly brecciated chert bands to 3 centimetres wide in a chloritic matrix that forms less than 10percent of the unit. Trace pyrite as crystals less than 1 millimetre diameter and trace pyrrhotite and chalcopyrite as stringers less than 1 millimetre wide.			92.90	93.90	1.00	FX806504	0.01	0.01	3

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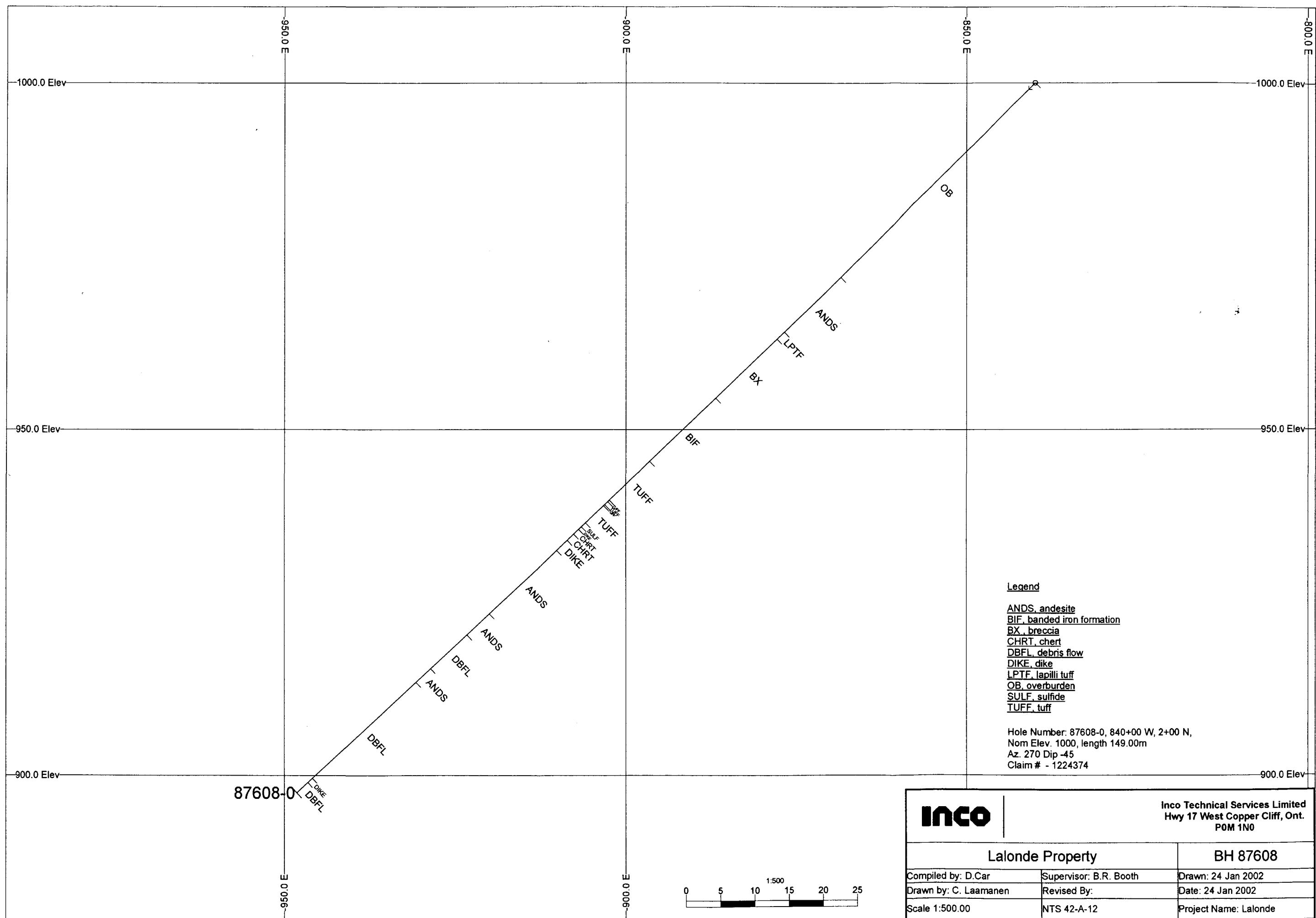
INCO Technical Services Limited
Borehole Log

87608-0

From m	To m	Description	From m	To m	Length m	Sample#	ZN %	CU %	AU ppb
93.90	95.20	CHERT							
		As above.	93.90	95.20	1.30	FX806505	0.00	0.00	1
95.20	97.35	DIKE							
		Very fine grained purple brown highly amygdaloidal andesite dike with several inclusions of tuff. The amygdules are composed of calcite.	95.20	97.35	2.15	NS			
97.35	110.82	ANDESITE							
		Massive fine grained highly magnetic andesite sill or massive flow, as at 40.00. The upper 50 cm and lower 20 cm are very fine grained chill margins.	97.35	110.82	13.47	NS			
110.82	115.30	ANDESITE							
		Amygdaloidal fine grained andesite with highly variable concentrations of calcite amygdules to 6 millimetre in diameter.	110.82	115.30	4.48	NS			
115.30	122.50	DEBRIS FLOW							
		Matrix-rich lahar with less than 10percent chert clasts to 4 centimetres long in a chlorite-rich matrix. Less than 1percent disseminated pyrite.	115.30	122.50	7.20	NS			
122.50	125.40	ANDESITE							
		As at 110.82	122.50	125.40	2.90	NS			
125.40	145.90	DEBRIS FLOW							
		As at 115.30. Less than 5 percent chert clasts to 6 centimetres in diameter in a variably chloritic fine grained to medium grained matrix. 10percent chlorite as irregular blebs to 8 millimetre long by 3 millimetres wide. Trace pyrite as euhedral crystals to 4 millimetres in diameter.	125.40	145.90	20.50	NS			
145.90	146.80	DIKE							
		Fine grained massive intermediate dike	145.90	146.80	0.90	NS			
146.80	149.00	DEBRIS FLOW							
		As at 125.40. Very chloritic in places. Foot of hole	146.80	149.00	2.20	NS			

87608-0

87608-0



APPENDIX 6

CERTIFICATE OF ANALYSIS



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
Aurora Laboratory Services Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: INCO LIMITED - TECHNICAL SERVICES
FIELD EXPLORATION BLDG.
HIGHWAY 17 WEST
COPPER CLIFF ON POM 1NO

Page # : 1
Date : 23-Jan-2002
Account: JWD

CERTIFICATE VA02000059		SAMPLE PREPARATION	
		ALS CODE	DESCRIPTION
Project :	LOG-22	Sample login - Rcd w/o BarCode	
P.O. No: 123690-0310	CRU-31	Fine crushing - 70% <2mm	
This report is for 6 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 10-Jan-2002.	SPL-21	Split sample - riffle splitter	
The following have access to data associated with this certificate: HERB MACKOWIAK	PUL-31	Pulverize split to 85% 75micro	
ANALYTICAL PROCEDURES			
ALS CODE	DESCRIPTION	INSTRUMENT	
Au-MS21	Au 30g FA ICP-MS Finish	ICP-MS	
ME-ICP41	34 element aqua regia ICP-AES	ICP-AES	
FA-FUS01	Fire Assay Fusion 30g		
GEO-AR01	Aqua regia digestion		

To: INCO LIMITED - TECHNICAL SERVICES
ATTN: HERB MACKOWIAK
FIELD EXPLORATION BLDG.
HIGHWAY 17 WEST
COPPER CLIFF ON POM 1NO

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
 Aurora Laboratory Services Ltd.
 212 Brooksbank Avenue
 North Vancouver BC V7J 2C1 Canada
 Phone: 604 984 0221 Fax: 604 984 0218

To: INCO LIMITED - TECHNICAL SERVICES
 FIELD EXPLORATION BLDG.
 HIGHWAY 17 WEST
 COPPER CLIFF ON P0M 1N0

Page #: 2 - A
 Total # of pages : 2 (A - C)
 Date : 23-Jan-2002
 Account: JWD

CERTIFICATE OF ANALYSIS VA02000059

Sample Description	Method Analyte Units LDR	Au-MB21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ge ppm
FX 806501		7	0.6	2.12	4	<10	10	<0.6	2	2.80	1.6	60	48	297	9.13	10
FX 806502		22	1.8	1.88	<2	<10	20	0.6	<2	3.57	6.6	84	38	622	>15.0	10
FX 806503		15	1.2	1.22	10	<10	20	0.6	<2	2.69	7.2	57	69	502	>15.0	10
FX 806504		3	<0.2	1.64	5	<10	20	<0.5	<2	1.44	<0.6	27	53	139	4.49	<10
FX 806505		1	<0.2	0.61	12	<10	<10	<0.6	<2	2.52	<0.6	18	61	19	1.72	<10
RX 310855		181	1.4	0.48	170	<10	130	<0.5	<2	0.16	0.8	7	45	505	1.57	<10



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY

Aurora Laboratory Services Ltd.
212 Brookbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: INCO LIMITED - TECHNICAL SERVICES
FIELD EXPLORATION BLDG.
HIGHWAY 17 WEST
COPPER CLIFF ON POM 1N0

Page #: 2 -B
Total # of pages : 2 (A-C)
Date : 23-Jan-2002
Account: JWD

CERTIFICATE OF ANALYSIS VA02000059

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Tl %
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	0.01	
FX 806601		1	0.16	<10	1.27	916	4	0.01	254	350	15	2.85	2	3	31	0.03
FX 806602		<1	0.15	<10	1.11	934	6	0.01	243	280	24	4.40	<2	6	37	0.03
FX 806603		<1	0.11	<10	1.76	912	6	0.01	361	220	23	4.56	<2	3	46	0.02
FX 806604		<1	0.15	<10	0.89	688	1	0.01	103	310	5	1.03	<2	4	17	0.03
FX 806605		<1	0.02	<10	0.86	400	1	<0.01	80	60	5	0.89	4	1	29	0.01
RX 310855		4	0.07	<10	0.10	154	20	0.03	131	160	536	0.21	60	1	26	0.02



ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
Aurora Laboratory Services Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: INCO LIMITED - TECHNICAL SERVICES
FIELD EXPLORATION BLDG.
HIGHWAY 17 WEST
COPPER CLIFF ON P0M 1N0

Page #: 2 - C
Total # of pages : 2 (A - C)
Date : 23-Jan-2002
Account: JWD

CERTIFICATE OF ANALYSIS VA02000059

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Tl ppm	U ppm	V ppm	W ppm	Zn ppm
FX 806501		<10	<10	30	<10	521
FX 806502		<10	<10	29	<10	1195
FX 806503		<10	<10	24	<10	790
FX 806504		<10	<10	24	<10	128
FX 806505		<10	<10	9	<10	42
RX 310855		<10	<10	168	<10	667

Work Report Summary

Transaction No: W0260.00136 **Status:** APPROVED
Recording Date: 2002-JAN-28 **Work Done from:** 2001-JUL-10
Approval Date: 2002-JAN-29 **to:** 2001-NOV-15

Client(s):

156077 LALONDE, DOUGLAS JOSEPH
186852 RENAUDAT, FRANKLIN
303261 GODIN, RONALD GREGORY

Survey Type(s):

PDRILL

Work Report Details:

Claim#	Perform	Approve	Applied	Approved	Assign	Approve	Reserve	Approve	Due Date
P 1224367	\$519	\$519	\$0	\$0	\$0	0	\$519	\$519	2002-NOV-24
P 1224368	\$405	\$405	\$0	\$0	\$0	0	\$405	\$405	2002-NOV-24
P 1224371	\$1,236	\$1,236	\$0	\$0	\$0	0	\$1,236	\$1,236	2002-NOV-24
P 1224372	\$649	\$649	\$0	\$0	\$0	0	\$649	\$649	2002-NOV-24
P 1224373	\$1,419	\$1,419	\$0	\$0	\$0	0	\$1,419	\$1,419	2002-NOV-24
P 1224374	\$24,111	\$24,111	\$0	\$0	\$0	0	\$24,111	\$24,111	2002-NOV-24
	\$28,339	\$28,339	\$0	\$0	\$0	\$0	\$28,339	\$28,339	

Status of claim is based on information currently on record.



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900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Date: 2002-FEB-19



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

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

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

Dear Sir or Madam

Submission Number: 2.22826
Transaction Number(s): W0260.00136

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 STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,

A handwritten signature in black ink, appearing to read "Ron Gashinski".

Ron Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

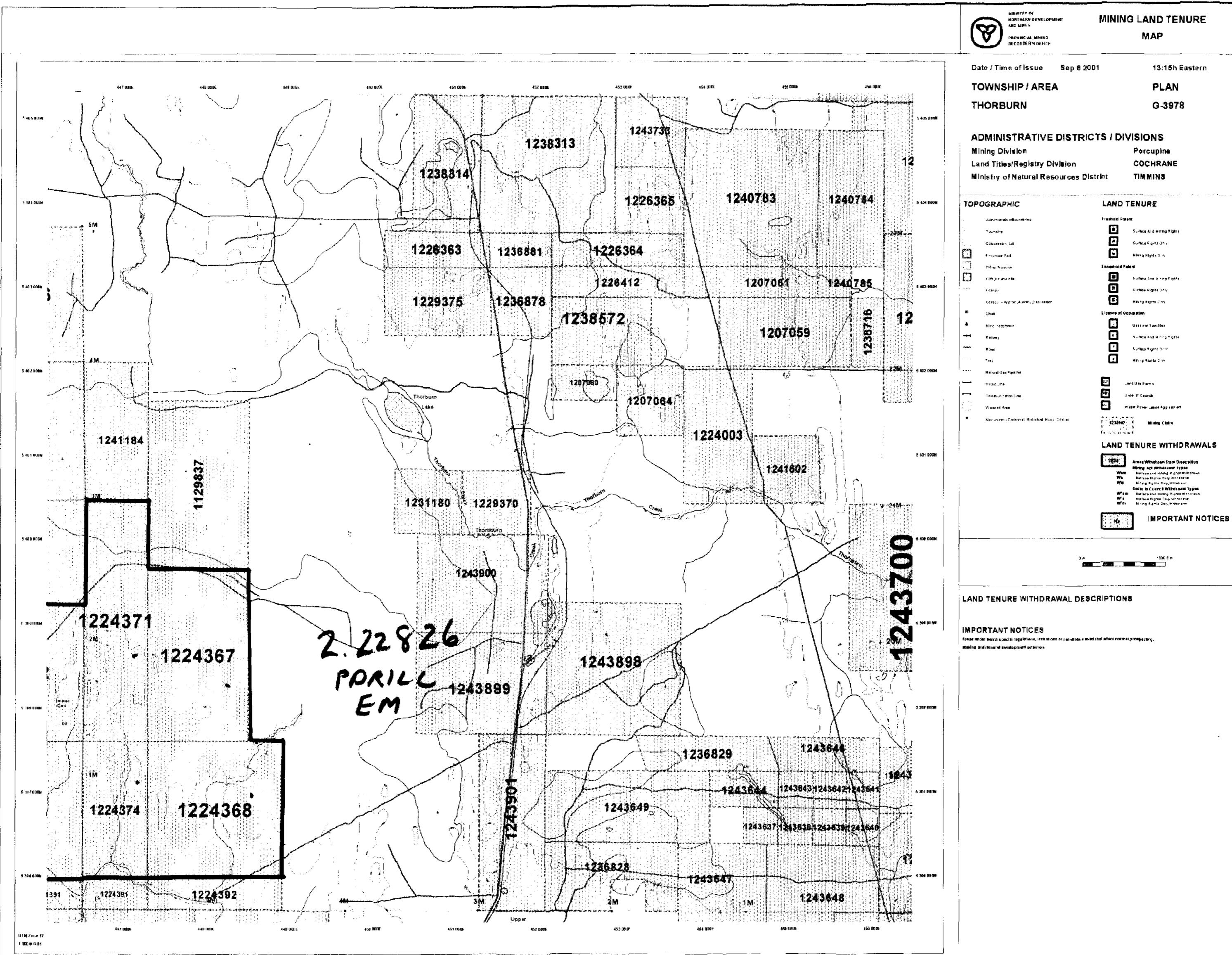
Douglas Joseph Lalonde
(Claim Holder)

Franklin Renaudat
(Claim Holder)

Assessment File Library

Douglas Joseph Lalonde
(Assessment Office)

Ronald Gregory Godin
(Claim Holder)



Those wishing to seek mining claims should contact the Provincial Mining Recorder's Office of the Ministry of Northern Development and Mines for additional information on the details above herein. Nothing is not reflected in this map, survey, or field is the distribution, judgment as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

The information shown is derived from digital data available in the Provincial Mining Recorder's Office of the Ministry of Northern Development and Mines, and is subject to revision.

The information shown is derived from digital data available in the Provincial Mining Records Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitation

Contact Information
Provincial Mining Recorder's Office: Tel/Fax
William Green Miller Centre Tel: 1-866-415-8845
633 Ramsey Lake Road Fax: 1 (877) 070-4444
Sault Ste. Marie, ON P3E 0B5
Home Page: www.mnr.gov.on.ca/MNDM/MINE%20LAND/SaultSteMarie.aspx

Map Datum: NAD 83
Projection: UTM (8 degrees)
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, assignments, rights of way, building rights, leases, or other forms
of disposition of rights and interests from the Crown. It can also omit leases and
land uses that restrict or prohibit free entry to lands which cannot legally not be illustrated.



**MINING LAND TENURE
MAP**

MAP

Date / Time of Issue Sep 8 2001 12:50h Eastern

MOBERLY G-3961

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division **Porcupine**
Land Titles/Registry Division **COCHRANE**
Ministry of Natural Resources District **TIMMINS**

DOPOGRAPHIC LAND TENURE

- | Administrative Boundaries | Franchise Permit |
|---|---|
| Township |  Surface And Mining Rights |
| Concession Lot |  Surface Rights Only |
| Friggian Park |  Mining Rights Only |
| Indigenous Reserve |  Landhold Permit |
| Oil & Gas Pipeline |  Surface And Mining Rights |
| Control |  Surface Rights Only |
| Control - Asperior Authority/Domination |  Mining Rights Only |
| Sheet |  Internal Seal/Stamp |
| Mine Headframe |  Surface And Mining Rights |
| Railway |  Surface Rights Only |
| Road |  Mining Rights Only |
| Trial | |
| Natural Gas Pipeline |  Land Use Permit |
| Hydro Line |  Order In Council |
| Communication Line | |
| Allocated Area |  Water Power Lease Agreement |

LAND TENURE WITHDRAWAL

- | | |
|--|---|
| 
Y
ea | Areas Withdrawn from Disposition
Mining Act Withdrawal Type

Wa Surface and Mining Rights Withdrawals
Wa Surface Rights Only Withdrawals
Wa Mining Rights Only Withdrawals

Or Order in Council Withdrawal Types

Wa Surface and Mining Rights and Surface
Wa Surface Rights Only
Wa Mining Rights Only Withdrawals |
| 
N
o | IMPORTANT NOTE |

IMPORTANT NOTICE

1000

AND TENURE WITHDRAWAL DESCRIPTIONS

Order	Type	Date	Description
L-1720	Worm	May 12 1998	Sec. 38 WELL S-1720#00 ON1 170840 N 4 S

IMPORTANT NOTICES

as under which a special regulation, limitation or condition exists that affect normal prospecting.

2.22826
PORILL
EM

This figure is a topographic map showing a portion of the Whitefish River area. The map includes a coordinate grid with horizontal and vertical labels. Several land parcels are outlined in black and labeled with IDs: 1224384, 1224386, 1241148, 1236901, 1236902, 1224372, 1224373, 1235974, 1231983, 1224381, and 1224. The map also shows a river labeled 'Whitefish' and a small town labeled 'Deer Park'. The terrain is depicted with contour lines, and a north arrow is present.

Those wishing to stake mining claims should consult with the Provincial Mining Recorder's Office of the Ministry of Natural Resources and Mines for additional information on the status of this map and adjacent claims. This map is not intended for investigation, survey, or land title determination purposes. All the information shown on this map is derived from various sources. Compliances and surveys are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

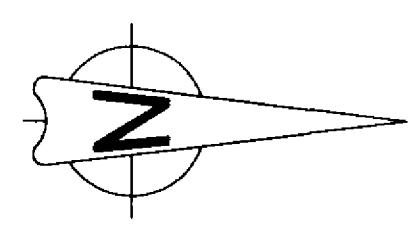
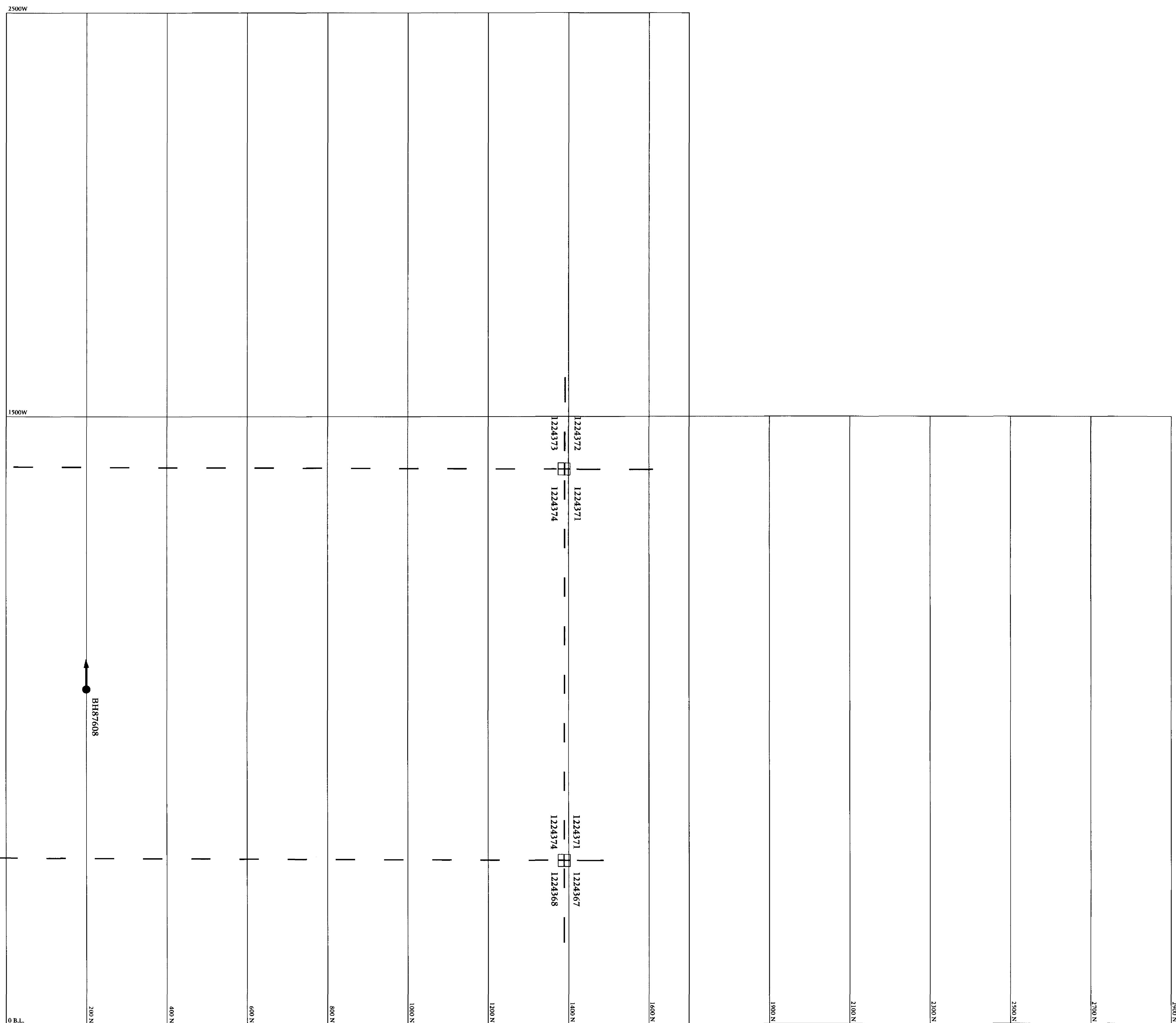
The information shown is derived from digital data available in the Provincial Mining Recorder's Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitations

Contact Information:
Provincial Mining Calendars' Office Toll-Free
Willow Glen Miller Centre Tel: (800) 415-8845
930 Ramsey Lake Road Fax: 1 (677) 678 1444
Sudbury, ON P3E 6G5
Home Page: www.mine.ca/OMM/OMM/OMM/OMM.html

Map Datum: NAD 83
Projection: UTM (8 degrees)
Topographic Data Source: Land Information Ontario

This step will not show unregistered land tenure and interests in land including certain
points, leases, assignments, right of ways, reading rights, leases, or other forms
of disposition of rights and interests in the Crown. Also certain land tenure and



INCO
INCO TECHNICAL SERVICES LIMITED

Copper Cliff, Ontario
POM 1NO

Project:	Lalonde Option
Area:	Timmins, Porcupine Mining District

BOREHOLE LOCATION MAP (Figure 4)

A map illustrating a borehole and a claim line. A vertical double-headed arrow labeled "BH87608" indicates the direction of the borehole. A horizontal line labeled "Claim Line" extends from the borehole's location to the right.

LEGEND



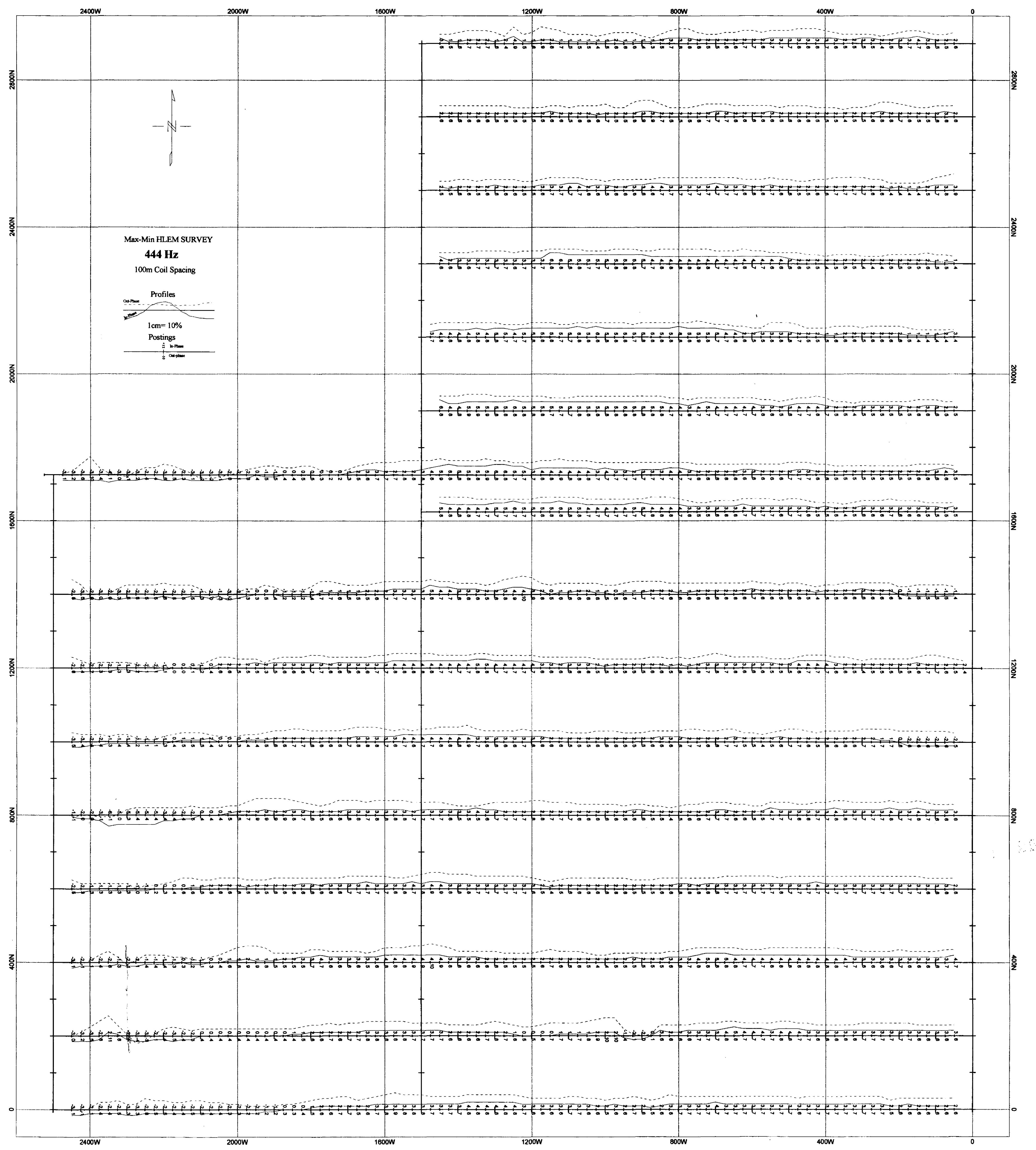
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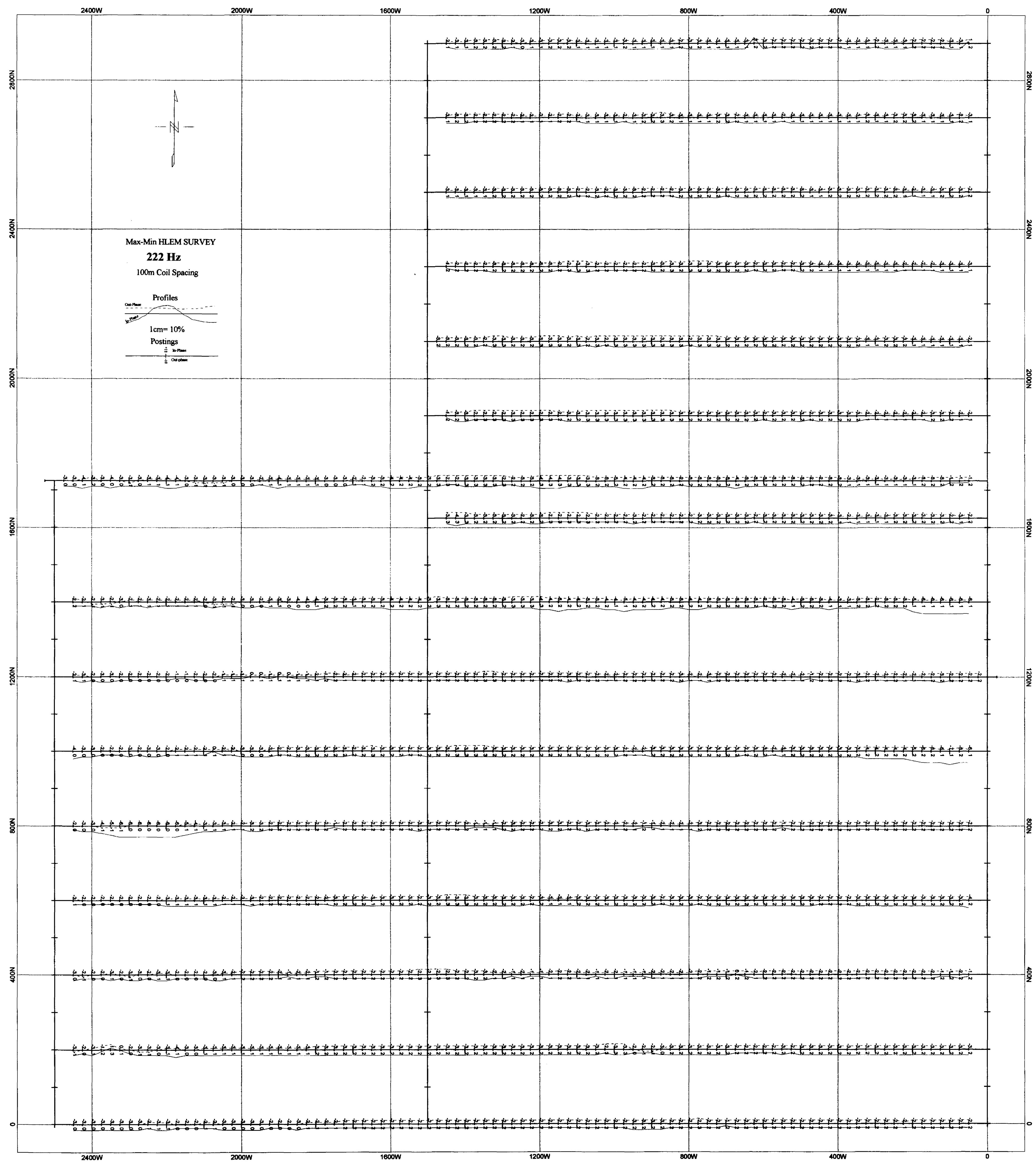
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THORBURN

330

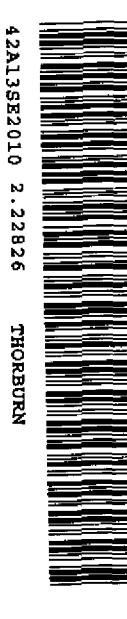
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100 0 100 200 300
metres

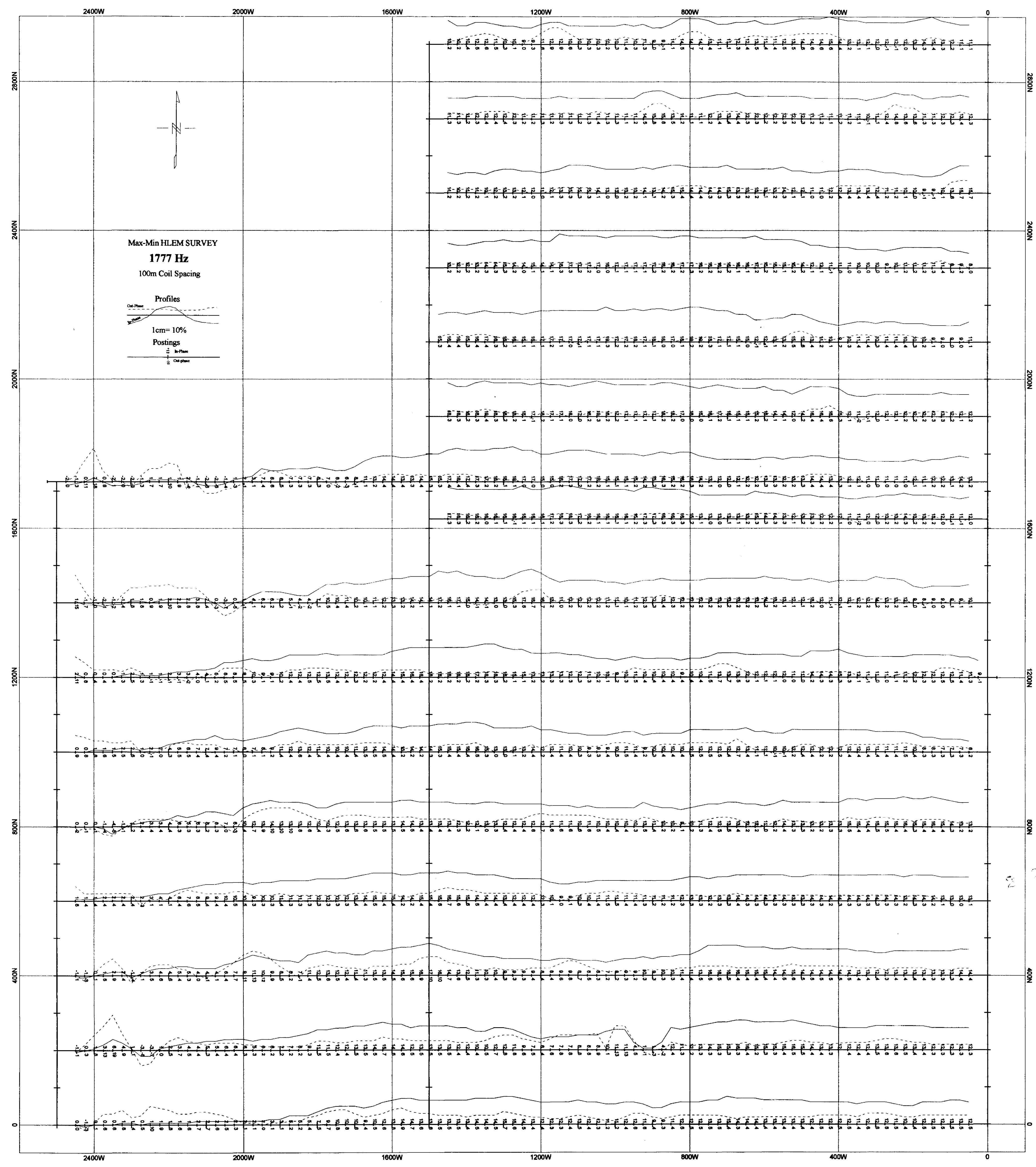
INCO Thorburn Lalonde Option	
HLEM Survey	
Moberly & Thorburn Townships	
Porcupine Mining Division	
District of Cochrane	
MC Exploration Services Ltd	July 2001



Scale 1:5000
100 0 100 200 300
metres

INCO Thorburn Lalonde Option	
HLEM Survey	
Moberly & Thorburn Townships	
Porcupine Mining Division	
District of Cochrane	
M C Exploration Services Ltd	July 2001





250

Scale 1:5000
metres

INCO Thorburn Lalonde Option
HLEM Survey
Moberly & Thorburn Townships
Porcupine Mining Division
District of Cochrane
MC Exploration Services Ltd
July 2001