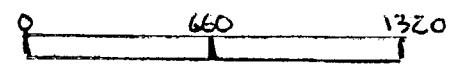


DRILLING SKETCH - M-46-DDH
SALO MATHESON-EVELYN PROPERTY

SCALE - 1" = 660'



AZ - 200°
DIP - -49°

TOTAL LENGTH - 647'

BQ CORE

CLAIM - P-1213331 (8 units)

DRILLING DATES - 9-13-96 - 9-18-96 (INCL)

CORE STORED AT
BATTLE MOUNTAIN GOLD
60 SHIRLEY ST
TIMMINS, ONT

Salo
9-23-96

CLAIM - P-1213331 - (8 units)



010

PATIENT

OLD CLAIM POSTS
POST 3 - P-624600
POST 2 - P-624601

DDH-M-46
AZ-200°
DIP-49°
T.L-647'

575' N
80' E
EON

L-2800 (OLD GRID)

L-2900 (OLD GRID)

CREEK

EVELYN TWP
MATHESON TWP

LOT-9
CL-P-1204640
(4 units)

LOT 8
CL-P-1213358
(2 units)

PATIENT

LOT 7
CL-P-1213357
(2 units)

CREEK

Pump



Inchcape Testing Services

Bondar Clegg

Certificate
of
Analysis

CIENT: BATTLE MOUNTAIN CANADA LTD.

REPORT: T96-57528.0 (COMPLETE)

PROJECT: 501

DATE PRINTED: 26-SEP 96

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU G/T
4659		<0.03
4660		<0.03
4661		<0.03
4662		<0.03
4663		<0.03
4664		<0.03
4665		<0.03
4666		<0.03
4667		<0.03
4668		<0.03
4669		<0.03
4670		<0.03
4671		<0.03
4672		0.05
4673		<0.02

Bondar-Clegg & Company Ltd.
5420 Canoeck Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220 Fax: (613) 749-7170

Lab Supervisor

SUMMARY OF DIAMOND DRILL HOLE M96

Introduction

Diamond drill hole M96 was logged in September, 1996 for Arvo Salo. All the information regarding the hole was provided by Mr. Salo.

Location

The hole was tied into the number 3 part of the SE 1/4 of Lot 8 in the South 1/2 of Concession I of Evelyn Township. This is part of Mr. Salo's claim P-1213331.

Target

The indicated target for the drill hole M96 was off the end of a magnetic high outlined by a St. Joe Canada survey. The east-west Pipestone fault has also been interpreted to pass through the area in which the hole was drilled.

Hole Geology

Drill hole M96 was drilled to a depth of 647 feet with 137 feet of overburden. The hole intersected a sequence of greywackes and conglomerates. The rocks were weakly altered with euhedral pyrite scattered through the sequence. Locally, the pyrite content was up to 3%. There were also a number of white quartz veins intersected ranging in width from 0.3 feet to 1.5 feet. Along some of the contacts there would be an increase in pyrite content.

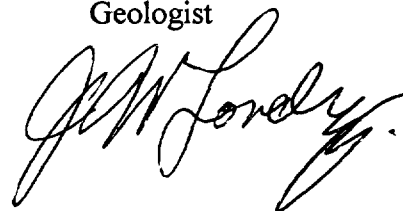
Conclusions and Recommendations

Sixteen samples of ranging widths was split at various locations. These samples were collected at sites where there was an increase in alteration, an increase in pyrite content or across some of the larger quartz veins. The assay results for these samples at the time of writing are pending.

The hole did not intersect anything that could be interpreted as the Pipestone fault or any ultramafic unit that may be associated with the magnetic high, defined by St. Joe Canada. Depending on assay results, any further drilling should wait until a review of any additional existing geophysics in the area can be completed. A possible drill target would be a sediment ultramafic contact in proximity to the interpreted location of the Pipestone fault.

Respectfully Submitted

John W. Londry
Geologist



DRILL HOLE SECTION

SALO MATHESON-EVELYN PROPERTY

DDH - M - 96 - BQ - CL - P - 1213331 (8 units)

AZ - 200°

DIP - 49°

TOTAL LENGTH - 647'

DRILLING DATES - 9-13-96 - 9-18-96 (INCL)

SCALE 1" = 100'

CORE LOCATION:

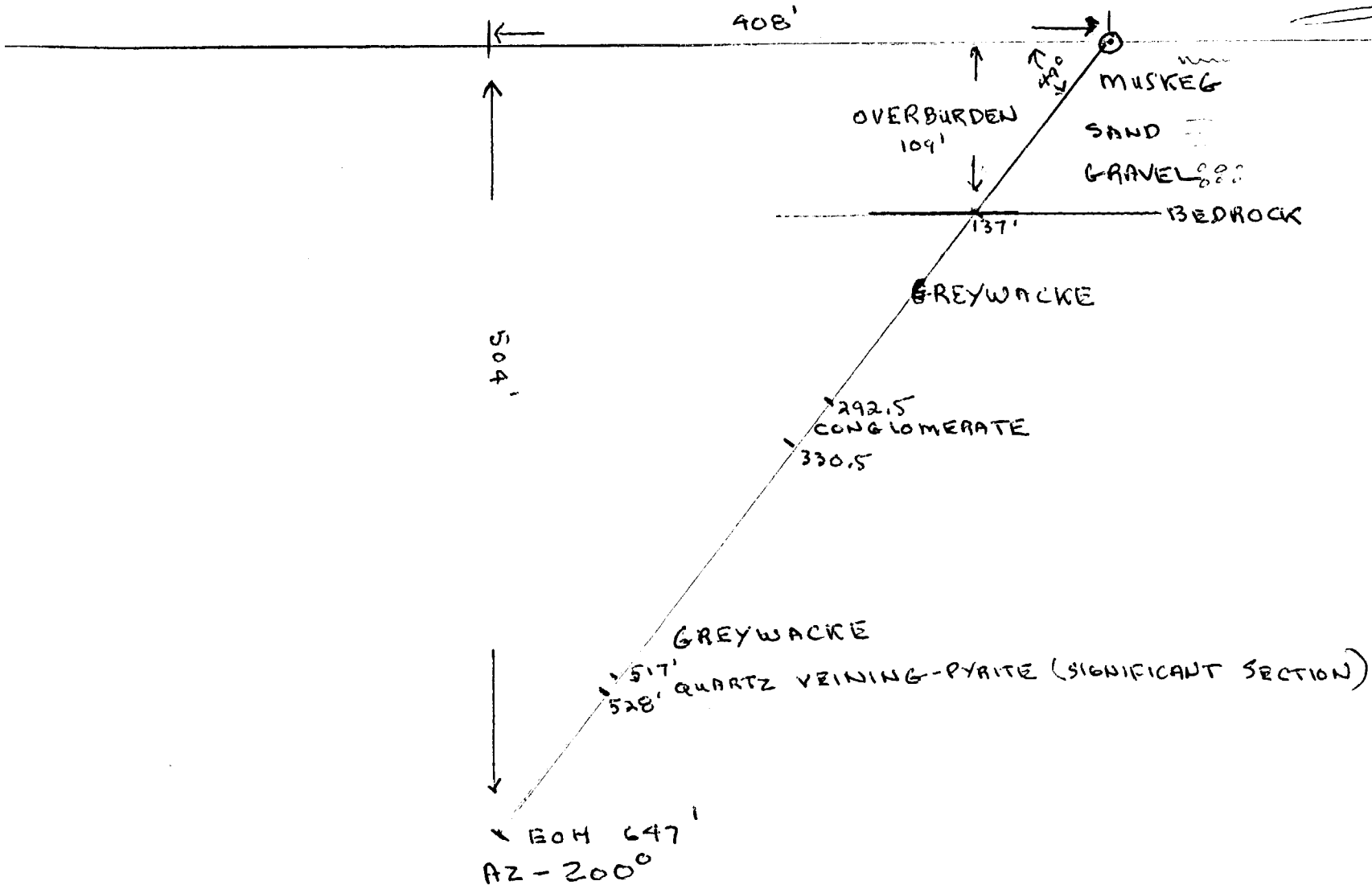
BATTLE MOUNTAIN GOLD

60 SHIRLEY ST

TIMMINS, ONT.

AST

Salo
9-25-96



DIAMOND DRILL LOG

PROPERTY: Matheson-Evelyn

HOLE No.: M96

Collar Eastings: 80.00

Collar Northings: 575.00

Collar Elevation: 0.00

Grid:

Logged by J. W. Londry Sept. 23, 1996

Collar Inclination: -49.00

Grid Bearing: 200.00

Final Depth: 647.00 feet

Drilled Sept.13 to Sept.18, 1996

Logged by: J. W. Londry

Date: September 23, 1996

Down-hole Survey:

Drilled by Sparta Drilling

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au gpt
0	0.1	<p>ADDITIONAL DATA</p> <p>Purpose: Stratigraphic to test the Pipestone Fault area in association with a magnetic high.</p> <p>Size: BQ</p> <p>NTS No.:42A/11 - Claim No.:P 1213331</p> <p>Evelyn Twp. ; CLAIM: S1/2 Conc. I ; SE1/4 Lot 8</p> <p>DDH is tied to the No. 3 corner of the described claim</p> <p>Core Storage:</p>					
0.1	137.0	(ovb) OVERBURDEN					
137.0	292.5	<p>(GREYWACKE)</p> <p>grey, fine to medium grained, rock is relatively soft with minor bleaching and silicification, foliation (bedding) is poorly to moderately developed.</p> <p>Biotite and feldspar are the dominant minerals with minor amounts of chlorite and quartz,</p> <p>there is disseminated pyrite scattered throughout the section up to 3% locally and usually euhedral in form.</p> <p>171.9-174.9 1cm leached quartz carbonate vein at a low angle to the core.</p> <p>268.6-272.2 lamprophyre dyke, dark grey, medium grained, soft, with a deeply pitted surface.</p> <p>Foliation to the core axis 55 degrees @ 195.8 50 degrees @ 216.0 55 degrees @ 282.0</p>					
292.5	330.5	(CONGLOMERATE)	4674	302.50	303.80	1.30	N.A.
		A fine to medium grained conglomerate with clasts <2cm, grey in color. Minor pyrite(<2%) and narrow (<3cm) quartz veins were					

HOLE No: M96

DIAMOND DRILL LOG

PROPERTY: Matheson-Evelyn
HOLE No.: M96

Page

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au gpt
		noted through the section. Contacts are gradational.					
		Clasts appear to be mostly greywackes and they are stretched along the foliation.					
		Foliation to the core axis 55 degrees @ 327					
330.5	647.0	(GREYWACKE)	4659	333.80	336.60	2.80	N.A.
		Same as unit 137.0-292.5	4660	348.00	351.30	3.30	N.A.
			4661	388.40	390.40	2.00	N.A.
		fine to coarse grain, grey in color, foliation is poor to moderate and the unit is weakly altered (sericite and bleaching).	4662	415.60	420.00	4.40	N.A.
			4663	420.00	422.20	2.20	N.A.
			4664	441.50	445.00	3.50	N.A.
		Euhedral disseminated pyrite was noted through the unit with concentration locally up to 3%.	4665	477.00	480.00	3.00	N.A.
			4666	492.50	495.50	3.00	N.A.
			4667	495.50	497.00	1.50	N.A.
		377.0-392.0. an increase in the pyrite content up to 3%.	4668	519.00	522.00	3.00	N.A.
			4669	525.50	528.00	2.50	N.A.
		415.0-420.0 bleached (minor sericite) to a green-grey, with minor pyrite	4670	538.50	541.50	3.00	N.A.
		there are 6 white quartz veins within the section from 5 to 10cm in width	4671	557.00	559.00	2.00	N.A.
			4672	598.00	600.00	2.00	N.A.
			4673	606.50	608.00	1.50	N.A.
		442.0-443.5 white quartz vein with minor pyrite					
		472.0-484.0 increase in pyrite content, locally up to 3%. Minor quartz veins.					
		492.0-497.0 core is somewhat more fractured along with minor mud seams along some fractures. Minor white quartz veins and pyrite.					
		538.0-583.0 grain size is somewhat coarser with narrow white quartz veins scattered through the section. There is also a small increase in the pyrite content of up to 2% locally					
		598.0-600.0 white quartz veining with minor sericite.					
		606.8-608.0 white quartz vein.					
		Foliation to the core axis 60 degrees @ 502					
		55 degrees @ 511					
		50 degrees @ 582					
		65 degrees @ 637					

HOLE No: M96

DIAMOND DRILL LOG

PROPERTY: Matheson-Evelyn
HOLE No.: M96

Page

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS		
				FROM	TO	WIDTH Au gpt
		END OF HOLE 647 FEET				

COMMENTS.

13/09/96 start drilling
18/09/96 finished drilling

Total footage in M96 647 feet
Samples taken to 647.0 ft; 16
Sample #'s - 4659 to 4674 _____
of Samples - 16
Total footage sampled - 40.2 ft.
% of total hole footage sampled -6.2 %



Mining Act

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

- Instructions:
- Please type or print
 - Refer to the Mining Recorder.
 - A separate copy of
 - Technical reports
 - A sketch, showing the claims the work is assigned to, must accompany this form.



900

work or consult the Mining

Recorded Holder(s) ARVO SALO	Client No. 191038
Address BOX 276 - VIRGINIA TOWN, ONT POKIKO	Telephone No. NONE
Mining Division PORCUPINE	Township/Area EVELYN - TWP
M or G Plan No. G-3940	
Dates Work Performed From: 9-13-96	To: 9-18-96 (INCL)

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
Physical Work, Including Drilling	DIAMOND DRILLING 647' BQ CORE
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ 11,882

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

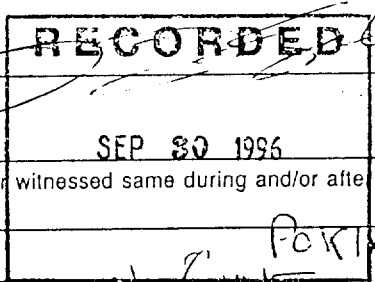
Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
SPARTA DRILLING	PONTIAC
JOHN LONDRY (SENIOR GEOLOGIST)	GENERAL DELIVERY CONNAUGHT ONT
	BATTLE MOUNTAIN GOLD
	CANADA LTD
	60 SHIRLEY ST, TIMMANS, ONTARIO

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date 9-30-96	Recorded Holder or Agent (Signature) [Signature]
--	------------------------	--



Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying ARVO SALO - BOX 276 VIRGINIA TOWN ONT POKIKO	Date 9-30-96	Certified By (Signature) [Signature]
Telephone No. NONE		

For Office Use Only

Total Value Cr. Recorded \$11,882	Date Recorded	Mining Recorder	Received Stamp SEP 30 1996
	Deemed Approval Date DEC. 29, 1996	Date Approved DEC 27, 1996	
	Date Notice for Amendments Sent		



Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Table with 4 columns: Work Type, Units of Work, Cost Per Unit, Total Cost. Includes entries for Diamond Drilling (647' - 199.1 m, 6 days - BQ core, 15.00 per unit, 9705.00), Associated Costs (Mobile DEPLOB, CAT, Float, Swamp Buggy, 1400.00), GST (79%, 777.00), Transportation Costs, and Food and Lodging Costs. Total Value of Assessment Work: 11,882.00

Calculations of Filing Discounts:

- 1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

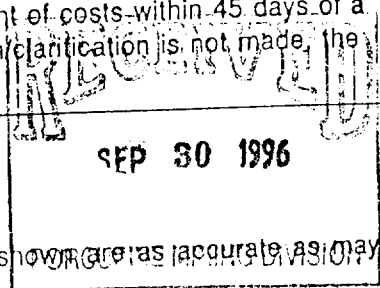
TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, ARVO SALO, do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as RECORDED HOLDER I am authorized to make this certification.



Signature and Date fields at the bottom of the page.

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M.+S. - MINING AND SURFACE RIGHTS

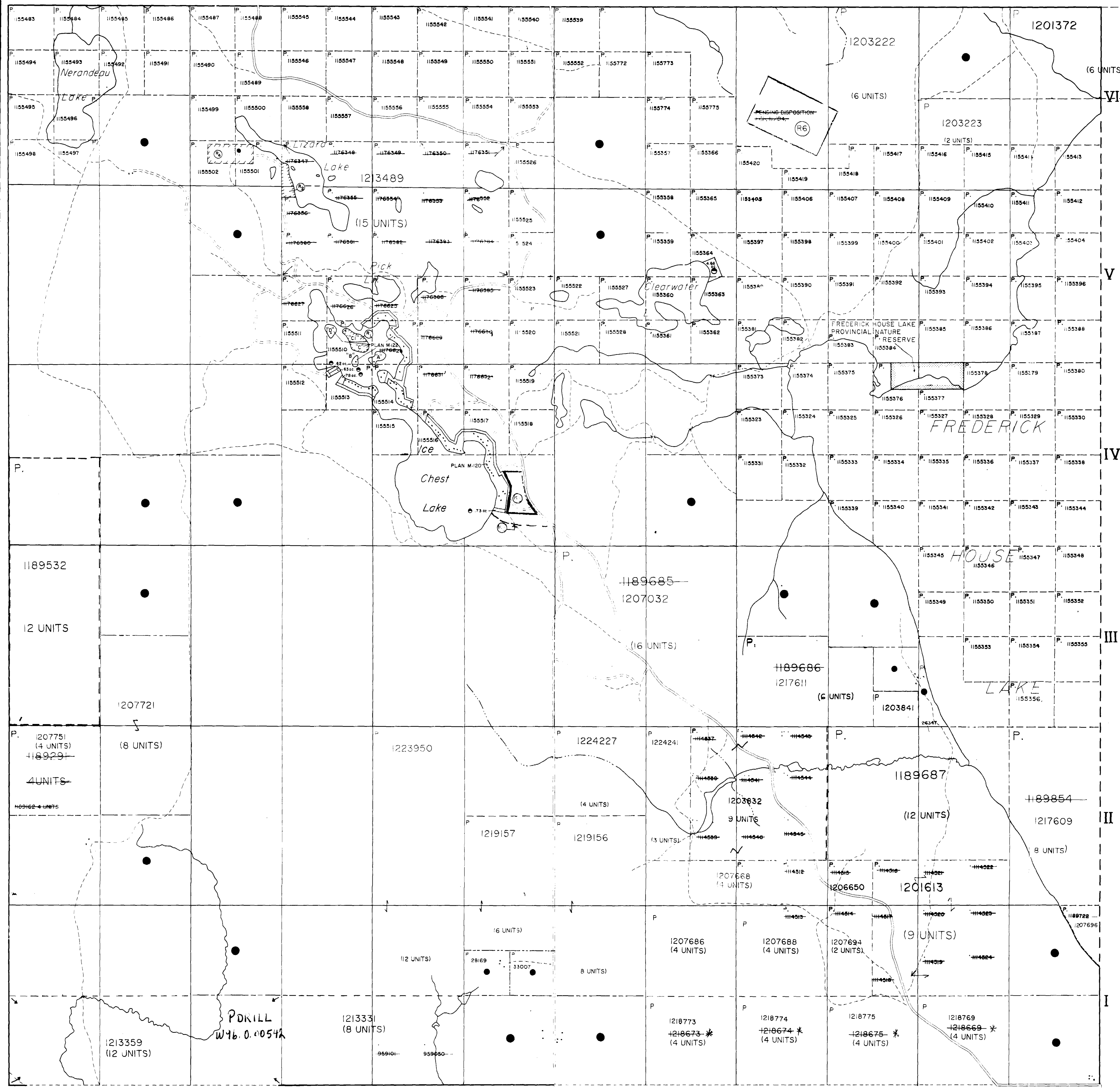
Description	Order No.	Date	Disposition	File
①	W28/75	04/06/75	S.R.O.	134839
②	W19/78	10/04/78	S.R.O.	188543
③	NRW 41/85		S.R.O.	

③ MINING OPERATIONS UNDER THE MINES ACT NOTIFIED BY ORDER OF THE CLERK (M.R.O. 1/7/79)

④ MINING AND SURFACE RIGHTS WITHDRAWN FROM PROSPECTING, STAKING OUT, SALE OR LEASE UNDER SECTION 35 OF THE MINING ACT, R.S.O. 1980 UNTIL R.W. 15/94 NER, DATED MARCH 4, 1994. (SEE "ORDNANCE")

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LITTLE TOWNSHIP



GOWAN TOWNSHIP

DUNDONALD TOWNSHIP

MATHESON TOWNSHIP

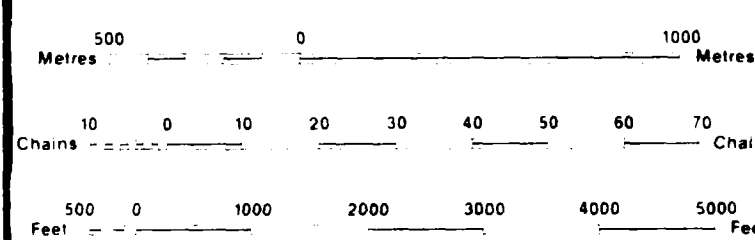
LEGEND

- HIGHWAY AND ROUTE NO. OTHER ROADS
- TRAILS
- SURVEYED LINES TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- PROPERTY BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	●
SURFACE RIGHTS ONLY	○
MINING RIGHTS ONLY	○
LEASE SURFACE & MINING RIGHTS	■
SURFACE RIGHTS ONLY	■
MINING RIGHTS ONLY	■
LICENCE OF OCCUPATION	○
ORDER IN COUNCIL	OC
RESERVATION	○
CANCELLED	○
SAND & GRAVEL	○

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1910, CHAP. 380, SEC. 63, SUBSEC. 1.



SCALE 1:20 000

① THIS TWP. IS SUBJECT TO FOREST ACTIVITY IN 1992/93. FURTHER INFORMATION AVAILABLE ON FILE.

② THIS TWP. IS SUBJECT TO FOREST ACTIVITY IN 1994/95. FURTHER INFORMATION ON FILE.

* - APPLICATION TO RECORD AMENDED

TOWNSHIP

EVELYN

M.N.R. ADMINISTRATIVE DISTRICT
TIMMINS
 MINING DIVISION
PORCUPINE
 LAND TITLES / REGISTRY DIVISION
COCHRANE

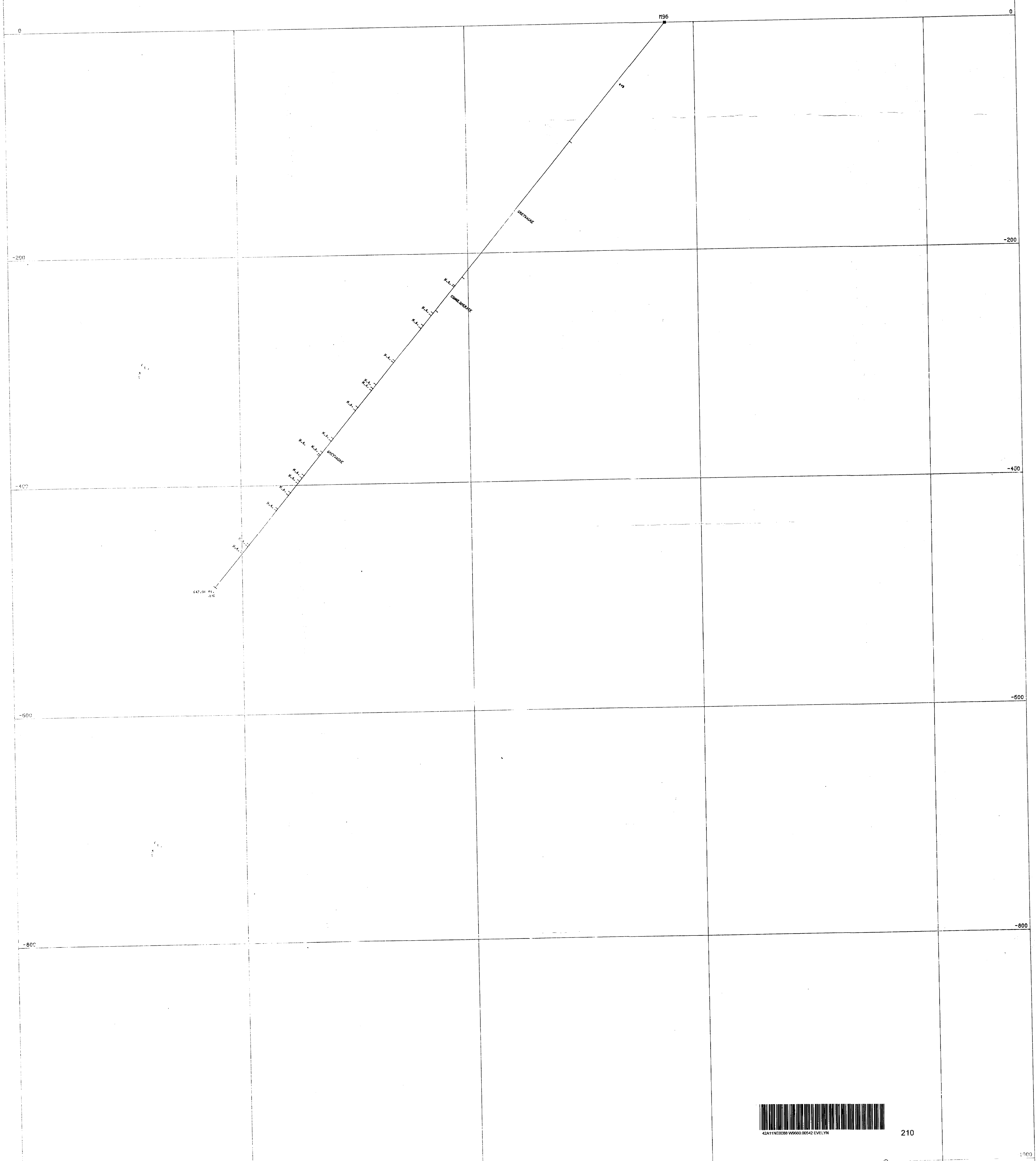
Ministry of Natural Resources Ontario
 Ministry of Northern Development and Mines

DATE: OCTOBER/1986

NUMBER

G-3940





210

J. M. Bondy

Arvo Salo	
Matheson-Evelyn	
SECTION 80E	
DD: MSB	
Claim N. F. 1213331	
DATE: 96/09/25	SCALE: 1" = 40'