



41009SW0531 2.12751 OSWAY

010

Magnetic Deflection Survey

Osway Twp June /July /89

2.12751

Previous Results

I have discovered a Tuff Reef standing at 85 degrees dip and it has a strike of 120 degrees. The /88 drill results confirmed the west boundary of the Reef as it changed into Volcanic Flow.

Present Exploration

This report covers work to locate and define the East boundary of the Reef, which is in reality a major Fault. The overburden is 10' plus and there is no outcropping of the Reef. Magnetic deflection is very prevalent in the general area and my first /88 drill hole hit the pyrrhotite plug just after the West boundary was crossed. This fit and confirmed the irons identified in the EM and Mag. Maps of the area.

In search for the East boundary of the Reef and the Fault I began to recognize a pattern within the compass distortion area. Preliminary boundary identification and subsequent traversing yielded a strike in the pattern that was parallel to the strike of the Reef.

June Survey

Starting just North of the Road, I defined a 100' length along strike. A Grid with N/S boundaries was laid out. I then logged traverse results (6) every 20' ^{along strike,} across ^a 45' width. The consistency of the compass deflections yielded a pattern as follows.

Over 6' approaching the West boundary of the grid the deflection was 20 degrees NE and reduced to 0 at the boundary, then reversed to 20 degrees NW, and within 9' reached 40 degrees deflection. This 40 degrees of NW deflection continued over the next 9'. It then reduced to 20 degrees over the next 6' and reached 0 at the East boundary. Over the next 12' the deflection reversed and maintained 20 degree NE.

Summary

This 100' delineation with parallel strike to the strike of the Reef identified a unique pattern of consistency and defined for me a very positive evidence of the Fault and the East boundary of the Reef.

This work was done in June in preparation for trenching.


Dean Rogers

Magnetic Deflection Survey

Osway Twp June / July /89

Page#2

In July Drilling was substituted for trenching and the collaring was located 90' SW from the East boundary of Grid #1. We drilled an azimuth 60 degrees and a dip of 45 degrees. End of hole was 133' Fault and pyrrhotite were confirmed.

July Survey

Two more days were spent repeating this Compass Deflection Survey to locate and survey Grid #2. This was located using a a base line reference along 600' SE . At that distance the proposed #2 Grid area was accessable tothe N/S Road. a 60' Grid length was laid out with North and South boundaries defined. Again the traversed (4) were run every 20' over a traverse length of 45'.

The overall results were very similar to Grid #1 #1 with equivalent deflection readings over slightly different distances yielding a clear definition of the possible Fault delineation. Again the Fault strike was parallel to the strike of the Reef.

Drill hole #3 was collared and is to be drilled in August with an azimuth of 240 degrees at 45 degree Dip


Dean Rogers

Road To Jerome Rd →

Grid #1 June 17-18/89

DR #2 July 20-22/84
60° AZIMUTH
450 R.P.
90° Horizontal
(33' E. of Hole)

Claim # 933449

600' FAULT
100' AZIMUTH

Claim Line.

Base Line M.H.G.

Claim # 933450

1/5 D.P.D.

OSWAY TWP

CHART OF COMPASS SURVEY

SHOWING LOCATION OF GRID #1 June

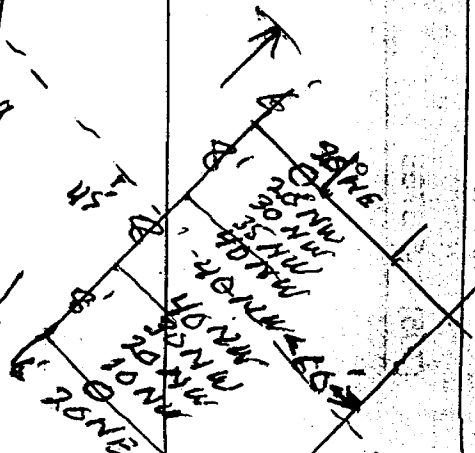
SHOWING LOCATION OF GRID #2 July

DR #2 confirmed location of FAULT.

SEE ATTACHED REPORT

DEAN ROGERS

GRID #2 July 18-19/89





410095W0531 2.12751 OSWAY

900

Ministry of
Northern Development
and Mines

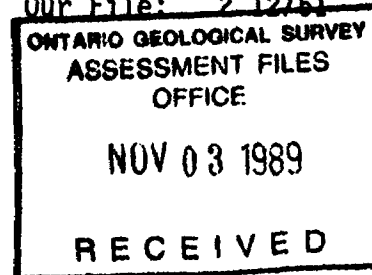
Ministère du
Développement du Nord
et des Mines
October 31, 1989

Mining Recorder
Ministry of Northern Development and Mines
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Mining Lands Section
880 Bay Street, 3rd Floor
Toronto, Ontario
M5S 1Z8

Telephone: (416) 965-4888

Your File: W8906-352
Our File: 2 12751



Dear Sir:

Re: Notice of Intent dated September 29, 1989 for Beneficiation Studies
on Mining Claims P 933449 and P 933450 in Osway Township.

The assessment work credits, as listed with the above-mentioned Notice of Intent
have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your
records.

Yours sincerely,

W.R. Cowan
Provincial Manager, Mining Lands
Mines & Minerals Division

R/S LS:eb
Enclosure

cc: Mr. G.H. Ferguson
Mining and Lands Commissioner
Toronto, Ontario

Resident Geologist
Timmins, Ontario

Dean Rogers/Macjo Resources Ltd.
RR #3
Collingwood, Ontario
L9Y 3Z2



Recorded Holder
DEAN ROGERS/MACJO RESOURCES LIMITED

Township or Area
OSWAY TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days ✓ Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	\$800.00 spent on Beneficiation Studies on Mining Claims: P 933449-50 53 days credit allowed which may be grouped in accordance with Section 76(6) of the Mining Act R.S.O. 1980.

Special credits under section 77 (16) for the following mining claims

[Empty box for special credits]

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Ministry of
Northern Development
and Mines

Ontario

Report of Work

(Geophysical, Geological,
Geochemical and Expenditures)

DOCUMENT
W8906352

Instructions: - Please type or print.
- If number of mining claims traversed exceeds space on this form, attach a list.
Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." column.
- Do not use shaded areas below.

2, 127 51
Mining Act

Survey(s) MAGNETIC DEFLECTION SURVEY - MAIN FULT USWAY		Township or Area
Claim Holder(s) DEAN ROGERS / IMPACT RESOURCES LIMITED		Prospector's License No. A45962 / T5275
Address RR3 COLLINGWOOD ONT L9Y3Z2		
Survey Company DEAN ROGERS	Date of Survey (from & to) 17 Day 6 Mo 89 Yr. 19 Day 7 Mo 89 Yr.	Total Miles of line Cut
Name and Address of Author (of Geo-Technical report) DEAN ROGERS		

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	
	Days per Claim	
For first survey: Enter 40 days. (This includes line cutting)	Electromagnetic	
	Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	Radiometric	
	Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical	
	Days per Claim	
	Electromagnetic	
	Magnetometer	
	Radiometric	
	Other	
	Geological	
	Geochemical	
Airborne Credits	Geophysical	
	Days per Claim	
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Prefix	Mining Claim Number		Expend. Days Cr.	Prefix	Mining Claim Number		Expend. Days Cr.
	P933449		40				
	P933450		40				

RECORDED
JUL 24 1989

PORCUPINE MINING DIVISION
RECEIVED
JUL 24 1989
11:00 AM JCL

Expenditures (excludes power stripping)

Type of Work Performed RELINEATION OF FAULT (NO OUTCROP)						
Performed on Claim(s) P933449 P933450						
Calculation of Expenditure Days Credits						
<table border="0"> <tr> <td>Total Expenditures</td> <td></td> <td>Total Days Credits</td> </tr> <tr> <td>$\\$4404 / 300 = 1200$</td> <td>$\div$ 15</td> <td>= 80</td> </tr> </table>	Total Expenditures		Total Days Credits	$\$4404 / 300 = 1200$	\div 15	= 80
Total Expenditures		Total Days Credits				
$\$4404 / 300 = 1200$	\div 15	= 80				
Instructions Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.						

Total number of mining claims covered by the report of work. **80**

Date July 24/89	Recorder (holder or Agent) (Signature) <i>[Signature]</i>
---------------------------	--

For Office Use Only		
Total Days Cr. Recorded 80	Date Recorded JUL 24 1989	Branch Inspector <i>[Signature]</i>
	Date Approved as Recorded see revised work statement	Branch Director <i>[Signature]</i>

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying DEAN ROGERS RR3 Collingwood ont L9Y3Z2	Date Certified July 24/89	Certified by (Signature) <i>[Signature]</i>
---	-------------------------------------	--

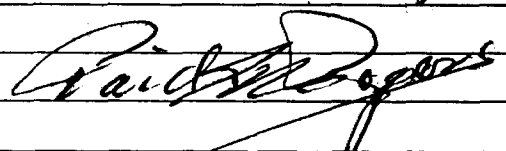
DEAN ROGERS
RR3 COLLINGWOOD

OUR NUMBER	45935
DATE	June 29/89
CUSTOMER'S ORDER	
SALESMAN	
TERMS	
F. O. B.	

SOLD TO MAC TO RESOURCES LIMITED
RR3 COLLINGWOOD

SHIPPED TO _____
ADDRESS _____ VIA _____

INVOICE

- FOR SERVICES RENDERED			
- " IDENTIFICATION OF MAGNETIC DISTORTION PATTERNS ON CLAIM # 933449			
FOR LOCATION & IMPLEMENTATION OF GRID #1			
FOR LOGGING GRID & INTERPRETATION			
FOR DELINEATION OF FAULT & EAST BOUNDARY TARGET			
	2 day @ \$300		\$600.00
			

D31

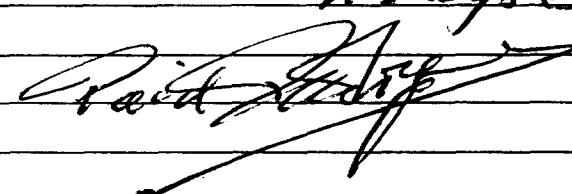
DEAN ROGERS
RR3 COLLINGWOOD ONT

OUR NUMBER	45940
DATE	July 27/89
CUSTOMER'S ORDER	
SALESMAN	
TERMS	
F. O. B.	

SOLD TO MAC TO RESOURCES LIMITED
RR3 COLLINGWOOD

SHIPPED TO _____
ADDRESS _____ VIA _____

INVOICE

FOR SERVICES RENDERED			
IN locating & extending over 600' SE the FAULT LINE area into claim # 933450			
The location & delineation of GRID #2			
The logging & interpretation of FAULT location & E BOUNDARY			
	2 Days @ \$300		\$600
			

D31

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

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

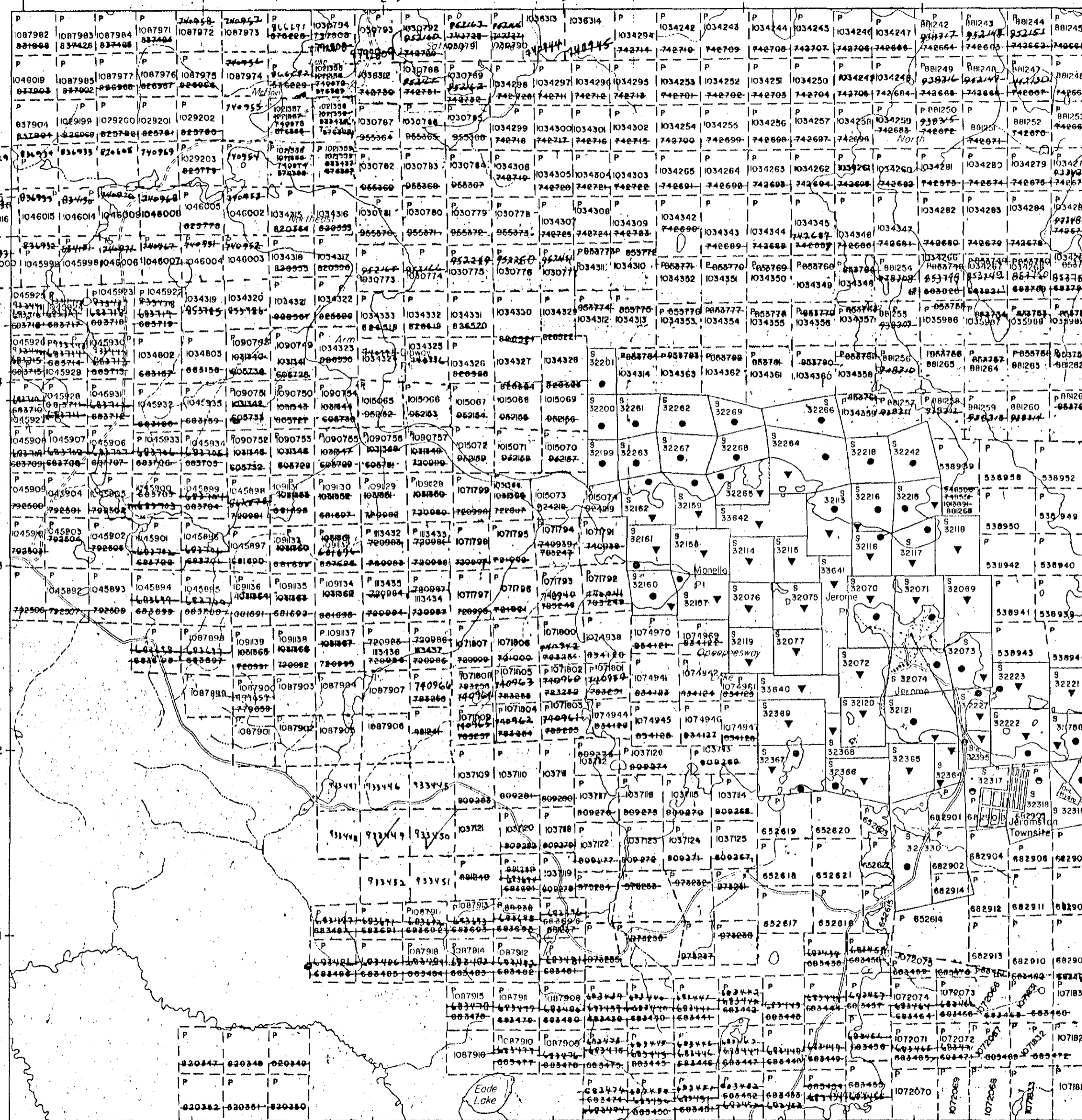
Description Order No. Date Disposition File

MALLARD TWP.

BENTON TWP.

ESTHER TWP.

HUFFMAN TWP.



FINGAL TWP.

LEGEND

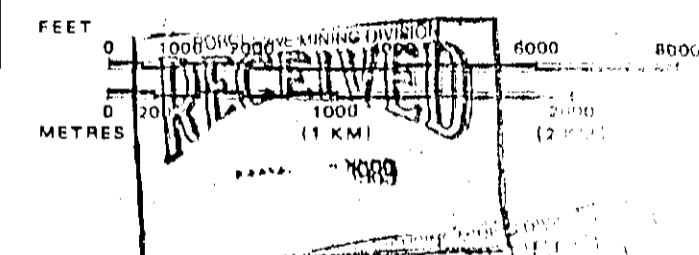
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
 - LOT LINES
 - PARCEL BOUNDARY
 - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- 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	⊙
RESERVATION	⊙
CANCELLED	⊙
SAND & GRAVEL	⊙

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO 1913, VESTED IN ORIGINAL PATENTEE BY THE LANDS ACT, R.S.O. 1970, CHAP. 360, S. 11.

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP
OSWAY
 M.N.R. ADMINISTRATIVE DISTRICT
CHAPLEAU
 MINING DIVISION
PORCUPINE
 LAND TITLES / REGISTRY DIVISION
SUDBURY

Ministry of Land
 Natural Management
 Resources Branch
 Ontario

Date MARCH, 1985

Number

cf. June 6/85 G-3243

RECEIVED
 MAY 28 1989

