



GRANGES EXPLOR  
CANADIAN DIVISION



41009SW0005 2.5448 OSWAY

010

GEOPHYSICAL AND DIAMOND DRILL  
REPORT  
ON CLAIMS

584170 to 584175 incl  
584177; 584180  
to 584185 inc; 530568;  
530569 inc; 530571; 530572

Situated In The  
PORCUPINE MINING DIVISION  
OSWAY TOWNSHIP  
ONTARIO

**RECEIVED**

MAR 25 1983

Held Under  
Option  
By

**MINING LANDS SECTION**

GRANGES EXPLORATION AKTIEBOLAG

1110-625 Howe Street,

Vancouver, B. C.

V6C 2T6

March 16, 1983

G. W. Zbitnoff  
Author



410095W0005 2.5448 OSWAY

010C

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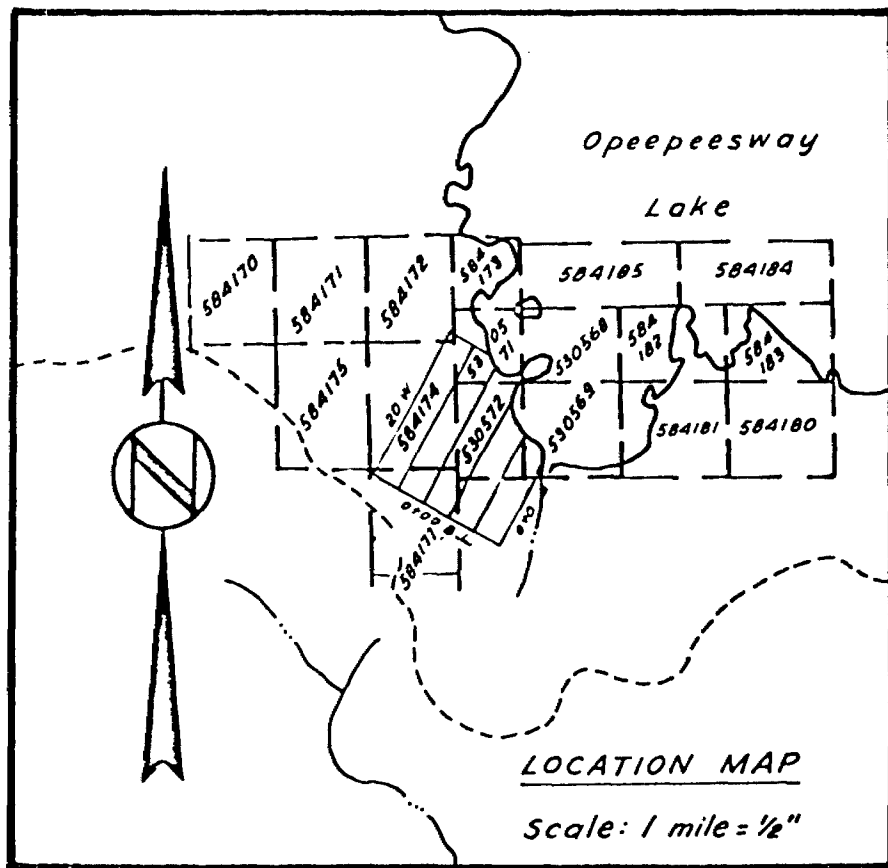
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1 Plan of Grid Gog - 8 showing geophysical results (magnetometer and electromagnetic) along with drill hole Gog - 1 location.

Scale 1"=400'

1 Diamond drill log and record sheet for hole Gog - 1



## INTRODUCTION

A group of claims were staked over a week airborne response, along the south west shore of Opeepeesway Lake.

These claims were optioned from Maverick Mountain Resources by Granges Exploration of Vancouver in a search for precious and base metals.

## LIST OF CLAIMS

The group consists of seventeen contiguous claims:

584170 to 584175 incl.  
584177;  
584180 to 584185 incl.  
530568; 530569  
530571; 530572

## LOCATION AND ACCESS

The claims are situated along the south west shore of Opeepeesway Lake in the Osway Township. The claims are situated approximately 75 miles south west of Timmins, Ontario. The claims are easily accessible by bush road which connect with highways 129 and 144 via a good gravel road. This road leads to the old Jerome Mining site on Opeepeesway Lake.

## GENERAL GEOLOGY

Much of the area in the immediate vicinity of the claims is covered by a belt of meta-volcanics of the Archean age. These meta-volcanics are mainly of the mafic variety as shown on the preliminary map 2369 "Jerome Area (west)".

The area of the airborne geophysical response is mainly overburden covered and the drilling of the conductor revealed the rock types.

## GEOPHYSICAL SURVEYS & INTERPRETATION

The claims cover a large weak airborne anomaly which appeared to have a magnetic signature.

A portion of the airborne anomaly was chosen to be tested where the response seemed to be the strongest.

A grid was cut using one (0+00) base lines as the control line parallel to the strike of the airborne anomaly. Picket lines were cut at 400 foot intervals perpendicular to the 0+00 base line. The lines were then chained at 100 foot intervals. The linecutting and chaining was carried out by John Hussey of Timmins, Ontario under contract to Granges Exploration AB. A total of 2.46 miles of linecutting and chaining was done on grid Gog 8 during the period of May 20th to June 10th, 1982.

## ELECTROMAGNETIC SURVEY

Floyd Hussey and Associates of Agincourt, Ontario under contract to Granges carried out an electromagnetic survey over the grid Gog 8. The instrument used in the survey was an Apex Maxmin II manufactured by Parametrics of Toronto, Ontario. The instrument was operated at a frequency of 1777Hz with a 400 foot coil separation. In phase and quadrature readings were taken at 100 foot intervals and reduced to 50 foot intervals over the anomalous areas.

Two components of the secondary field are measured. These are expressed directly in percentage change from normal field. The typical curve obtained over a steeply dipping conductor shows a rise (positive) when approaching the conductor, followed by a low (negative) when the conductor is between the coils. A second rise occurs when both coils are beyond the conductor. Both the in-phase and the out-of-phase components show the same general curve. The ratio of the components indicates the relative conductivity of the conductor.

A ratio of the in-phase to the out-of-phase readings of 5, or 6 to 1 indicates a high conductivity, usually a massive sulphide body. Ratios of sulphides or graphitic zones. Disseminated sulphides and slightly graphitic zones produce effects which lie between these two extremes. They may be quite difficult to interpret and in some cases unrecognizable from topographical effects, in which case experience in a particular area is invaluable.

A thick mantle of fairly conductive overburden, which is common on lake bottoms, may cause an anomalous condition. The effect is positive on the in-phase readings and affects the out-of-phase component to a lesser extent.

Drafting of the results was done by G. Templeman and the interpretation was done by M. Prew, geophysicist for Granges Exploration AB.

## MAGNETIC SURVEY

A magnetometer survey was carried out in conjunction with electromagnetic survey. The same grid used for the magnetic survey as was for the electromagnetic survey. The survey was carried out by Floyd Hussey under contract to Granges Exploration AB on June 12th, 1982. Readings were taken at 100 foot intervals and reduced to 50 foot intervals over anomalous areas.

The instrument used was a Mcphar M-700 fluxgate magnetometer. This instrument measures the vertical component of the earth's magnetic field to an accuracy of  $\pm 10$  gammas. Corrections for diurnal variation were made by tying into previously established base stations at intervals not exceeding 30 minutes.

## CONCLUSIONS

The grid that covered portions of claims 530571, 584174, 584177, 548172 and all of claim 530572 located the conductor. The horizontal loop survey pinpointed the conductor and the magnetometer survey revealed that the conductor was non-magnetic in nature.

RECOMMENDATIONS

The anomaly was recommended for diamond drilling.

DIAMOND DRILLING

Triangle Drilling Company Ltd of Copper Cliff, Ontario was contracted to drill a hole to investigate the anomaly located on grid Gog 8. One hole Gog 1 (BQ in size) was drilled to a depth of 232 feet. The program was supervised by E. Fluskey field geologist for Granges Exploration AB. during the period of October 15th to the 21st, 1982. The hole intersected rhyolite and quartz chlorite schist with graphite as the cause of the conductor. Minor amounts of pyrite, chalcopyrite, and sphalerite was associated with the graphite.

See appended logs and record sheets for a more comprehensive description.

*Stamp w. J. Hoff*

STATEMENT OF QUALIFICATIONS

Name: Zbitnoff, George Wm.

Profession; Geologist

Professional Associations: Member of the Association of Professional Engineers of the Province of Manitoba since 1969.

Member of the Association of Professional Engineers of the Province of British Columbia since 1973.

Member of the Canadian Institute of Mining and Metallurgy.

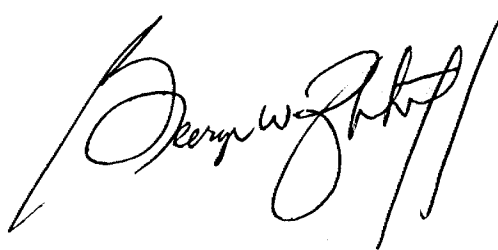
Experience: Pre graduation experience in geology with the Department of Mineral Resources of Saskatchewan.

Two and one half years, field geologist with Hudson Bay Exploration and Development, Central Canada.

Six years, field and resident geologist with Noranda Exploration Ltd., Central Canada.

Twelve years geologist and Assistant Manager at Granges Exploration Aktiebolag, Canadian Division, Vancouver, B. C.

Active geological experience in all provinces of Canada and parts of the United States and Mexico.



EXPENDITURES

Linecutting	\$	762.20
Maxmin Survey		283.50
Magnetometer survey		126.00
Geophysical plotting and Interpretation		390.00
Diamond drilling		3,944.00
Geologist Salary		535.02
Geologist Board		120.00
Assay costs		476.00
Transportation & Communication		350.00
Office administration		<u>698.67</u>
		7,685.39

*Bernard J. Hoff*



Osway  
Jap



ONTARIO

THE MINING ACT REPORT



41009SW0005 2.5448 OSWAY

RECEIVED

900

To the Recorder of Parce Pina Mining Division

I, HARRICK MOUNTAIN RESOURCES T-1043  
name of Recorded Holder Miner's Licence

844 West Hastings St Vancouver B.C.  
Post Office Address

do hereby report the performance of 187 days of Geophysical (Mag & Gravity Map)  
type of work

not before reported to be applied on the following contiguous claims

Claim No.	Days	Claim No.	Days	Claim No.	Days
P.584170	11	P.584177	11	P.584185	11
P.584171	11	P.584180	11	P.530568	11
P.584172	11	P.584181	11	P.530569	11
P.584173	11	P.584182	11	P.530571	11
P.584174	11	P.584183	11	P.530572	11
P.584175	11	P.584184	11		

All the work was performed on Mining Claim (s) 584170, 584174, 584177, 530571, 530572  
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

- For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.
- For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
- For Compressed Air or Other Power Driven or Mechanical Equipment  
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
- For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
- With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
- For Geophysical, Geological, Geochemical Surveys and Expenditure Credits - the name of author of report. Covering dates of survey (linecutting & office). Type of instrument used. Total amount of expenditure. Technical reports, maps, expenditure breakdown, receipts must be filed in duplicate with the Minister within 60 days of recording.
- For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

G.W. ZBITNOFF (May 20 - July 5/82) APEX MAXIMII AND McPhor M-700 fluxgate  
#  
Total cost for Mag & E.M. - \$1799.70

Date MAR 15 / 83

Bergu W. Zbitnoff  
Signature of Recorded Holder or Agent

The Mining Act  
Certificate Verifying Report of Work

I, GEORGE W. ZBITNOFF  
1110-625 Howe St Vancouver B.C.  
(Post Office Address)

RECORDED  
MAR 23 1983  
Receipt No. ....

hereby certify:

1. 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.

2. That the annexed report is true.

Dated 2/15/83 15 19 83  
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Bergu W. Zbitnoff  
Signature

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS \$500. OR SIX MONTHS IMPRISONMENT OR BOTH



GEOPHYSICAL - GEOLOGICAL - GEOCHEMICAL  
TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT  
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT  
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) HORIZONTAL LOOP AND MAGNETOMETER  
Township or Area OSWAY  
Claim Holder(s) MAVERICK MOUNTAIN RESOURCES  
844 West Hastings St Van BC  
U6C 1CB  
Survey Company FLOYD HUSSEY AND ASSOCIATES  
Author of Report GEORGE W. ZELINOFF  
Address of Author 1110-625 Howe St Vancouver BC  
Covering Dates of Survey May 20 - July 10 1983  
(linecutting to office)  
Total Miles of Line Cut 2.46 mi

MINING CLAIMS TRAVERSED  
List numerically

(prefix) (number)  
P 530571  
P 530572  
P 584172  
P 584174  
P 584177

SPECIAL PROVISIONS  
CREDITS REQUESTED

DAYS  
per claim

ENTER 40 days (includes  
line cutting) for first  
survey.

ENTER 20 days for each  
additional survey using  
same grid.

- Geophysical  
--Electromagnetic \_\_\_\_\_
- Magnetometer \_\_\_\_\_
- Radiometric \_\_\_\_\_
- Other \_\_\_\_\_
- Geological \_\_\_\_\_
- Geochemical \_\_\_\_\_

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer \_\_\_\_\_ Electromagnetic \_\_\_\_\_ Radiometric \_\_\_\_\_  
(enter days per claim)

DATE: MAR 15 / 83 SIGNATURE: [Signature]  
Author of Report or Agent

Res. Geol. \_\_\_\_\_ Qualifications 2.952

Previous Surveys

File No.	Type	Date	Claim Holder

TOTAL CLAIMS 5

If space insufficient, attach list

OFFICE USE ONLY

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken \_\_\_\_\_

Total Number of Samples \_\_\_\_\_

Type of Sample \_\_\_\_\_  
(Nature of Material)

Average Sample Weight \_\_\_\_\_

Method of Collection \_\_\_\_\_

Soil Horizon Sampled \_\_\_\_\_

Horizon Development \_\_\_\_\_

Sample Depth \_\_\_\_\_

Terrain \_\_\_\_\_

Drainage Development \_\_\_\_\_

Estimated Range of Overburden Thickness \_\_\_\_\_

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis \_\_\_\_\_

General \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ANALYTICAL METHODS

Values expressed in: per cent   
p. p. m.   
p. p. b.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, (circle)

Others \_\_\_\_\_

Field Analysis (\_\_\_\_\_ tests)

Extraction Method \_\_\_\_\_

Analytical Method \_\_\_\_\_

Reagents Used \_\_\_\_\_

Field Laboratory Analysis

No. (\_\_\_\_\_ tests)

Extraction Method \_\_\_\_\_

Analytical Method \_\_\_\_\_

Reagents Used \_\_\_\_\_

Commercial Laboratory (\_\_\_\_\_ tests)

Name of Laboratory \_\_\_\_\_

Extraction Method \_\_\_\_\_

Analytical Method \_\_\_\_\_

Reagents Used \_\_\_\_\_

General \_\_\_\_\_

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\_\_\_\_\_

2.5448

1984 05 08

Your File:  
Our File: 2.5448

Mr. Bruce Hanley  
Mining Recorder  
Ministry of Natural Resources  
60 Wilson Avenue  
Timmins, Ontario  
P4N 2S7

Dear Sir:

RE: Notice of Intent dated April 13, 1984.  
Geophysical (Electromagnetic & Magnetometer)  
Survey on mining claims P 530571 et al in the  
Township of Osway

---

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,

S.E. Yundt  
Director  
Land Management Branch

Whitney Block, Room 6643  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: (416) 965-6918

R. Pichette:sc

cc: Maverick Mount Resources  
1665 W. Broadway  
Vancouver, B.C.  
V6J 1X1

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

cc: Resident Geologist  
Timmins, Ontario





MAY 4, 1984

1984 04 13

Our File: 2.5448

Mr. Bruce W. Hanley  
Mining Recorder  
Ministry of Natural Resources  
60 Wilson Avenue  
Timmins, Ontario  
P4N 2S7

Dear Sir:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact Mr. F.W. Matthews at 416/965-6918.

Yours very truly,

S.E. Yundt  
Director  
Land Management Branch

Whitney Block, Room 6643  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: 416/965-1316

R R. Pichette:mc

Encls.

cc: Maverick Mount Resources  
844 West Hastings Street  
Vancouver, B.C.  
V6C 1C8

Suite 450  
1665 W. Broadway  
Van B.C.  
U6J 1X1

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

FILE



Ministry of  
Natural  
Resources

Notice of Intent  
for Technical Reports

1984 04 13

2.5448

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Lands Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.



Ontario

2.5448

May 24th

Ministry of  
Natural  
Resources

60 Wilson Avenue,  
Timmins, Ontario,  
April 12, 1983.

Notification of recording  
of assessment work credits

**RECEIVED**

APR 14 1983

MINING LANDS SECTION

Lands Administration Branch  
Mining Lands Section  
Ministry of Natural Resources  
Room 1617, Whitney Block  
Queen's Park, Toronto  
M7A 1W3

Date of recording of work: March 23, 1983.  
Recorded holder: MAVERICK MOUNTAIN RESOURCES,  
Address: 844 West Hastings St. Vancouver, B.C. V6C 1C8  
Township or Area: OSWAY TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining claims
Geophysical	
Electromagnetic _____ days	
Magnetometer <u>11</u> _____ days	P-584170-175 incl.,
Radiometric _____ days	P-584177,
Induced polarization _____ days	P-584180-185 incl.,
Section <u>27 19</u> ( <del>18</del> ) _____ days	P-530568-569 incl.
Geological _____ days	P-530571-572.
Geochemical _____ days	
Man days <input checked="" type="checkbox"/> Airborne <input type="checkbox"/>	
Special provision <input type="checkbox"/> Ground <input checked="" type="checkbox"/>	

*See Revised  
Statement*

Notice to recorded holder:

- Survey reports and maps in duplicate be submitted to the Lands Administration Branch, Toronto within 60 days from the date of recording of this work.
- Reports and maps are being forwarded to the Lands Administration Branch with this letter.

Mining recorder  
Regional Mining Recorder  
c.c. MAVERICK Mountain Resources.



September 6, 1983

2.5448

Granges Exploration Aktiefbolag  
Suite 1110  
625 Howe Street  
Vancouver, B.C.  
V6C 2T6

Attention: G.W. Zbitnoff

Dear Sir:

RE: Geophysical (Electromagnetic and Magnetometer) Survey  
on Mining Claims P 530571 et al in the Township of  
Osway

---

I regretfully inform you that I require additional information prior to assessing your geophysical survey. This was an oversight missed in my letter dated August 9, 1983. Since you have requested credits for the survey on a man-days basis, I require a man-days breakdown. Please complete and return the enclosed man-days breakdown forms.

Again, my apologies for having to write a second time on this matter. I assure you that upon receipt of the above information, assessment of the survey will be done promptly, and a statement of approved credits will be issued.

Yours very truly,

E.F. Anderson  
Director  
Land Management Branch

Whitney Block, Room 6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: (965-1380)

R. Pichette:mc

Encl.

cc: Maverick Mount Resources  
844 West Hastings Street  
Vancouver, B.C.  
V6C 1C8

*EHR not recorded/  
Confirmed by MR.  
Feb 13/84.*

*assess as special provisions  
and pro-rate*

*A.B.*

cc: Mining Recorder  
Timmins, Ontario

REGISTERED

January 30, 1984

Our File: 2.5448

Maverick Mountain Resources  
844 West Hastings Street  
Vancouver, B.C.  
V6C 1C8

Dear Sirs:

RE: Geophysical (Electromagnetic and Magnetometer)  
Survey submitted on Mining Claims P 530571 et  
al in the Township of Osway

---

Enclosed is a copy of our letter dated September 6, 1983,  
requesting additional information for the above-mentioned  
survey.

Unless you can provide the required data by February 10,  
1984 the mining recorder will be directed to cancel the  
work credits recorded on March 23, 1983.

For further information, please contact Mr. F.W. Matthews  
at (416)965-1380.

Yours very truly,

J.R. Morton  
Acting Director  
Land Management Branch

Whitney Block, Room 6643  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: (416)965-1380

R. Pichette:mc

cc: Mining Recorder  
Timmins, Ontario

Encl.



**GRANGES EXPLORATION AB**  
CANADIAN DIVISION

August 19, 1983

Mr. E. F. Anderson  
Director  
Land Management Branch  
Ministry of Natural Resources  
Whitney Block, Room 6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3

Dear Mr. Anderson:

RE: File 2.5448.

Enclosed please find signed copies of the Geophysical (Electromagnetic and Magnetometer) Survey on Mining Claims P 530571 et al in the Osway Township.

Thank you.

Yours truly,

*G. W. Zbitnoff*  
for G. W. Zbitnoff  
Assistant Manager

/lf  
encls.

<b>RECEIVED</b>	
Land Management Branch	
CIRCULATE <input checked="" type="checkbox"/>	
COMMENTS PLEASE <input type="checkbox"/>	
BY	
AUG 23 1983	
E. F. ANDERSON	
J. R. MORTON	
J. C. SMITH	
G. SHERMAN	
J. M. SMALL	
RETURN TO R. 6450	

**RECEIVED**

AUG 23 1983

**MINING LANDS SECTION**

August 9, 1983

2.5448

Granges Exploration Aktiebolag  
Suite 1110  
625 Howe Street  
Vancouver, B.C.  
V6C 2T6

Attention: G.W. Zbitnoff

Dear Sir:

RE: Geophysical (Electromagnetic and Magnetometer)  
Survey on Mining Claims P 530571 et al in the  
Osway Township

---

Returned herein are the plans for the above-described survey.  
Please sign each copy and return them quoting File 2.5448.

For further information, please contact Mr. F.W. Matthews  
at (416)965-1380).

Yours very truly,

E.F. Anderson  
Director  
Land Management Branch

Whitney Block, Room 6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: (416)965-1380

Encl.

S. Hurst:mc

cc: Mining Recorder  
Timmins, Ontario

cc: Maverick Mountain Resources  
844 West Hastings Street,  
Vancouver, B.C.  
V6C 1C8



May 24/83

Mining Lands Comments

*maps not signed*

To: Geophysics *Mr. Barlow.*

Comments *Map not signed*

Approved  Wish to see again with corrections

Date *July 27/83* Signature *Douglas H. Pitcher*

To: Geology - Expenditures

Comments

Approved  Wish to see again with corrections

Date Signature

To: Geochemistry

Comments *LD*

Approved  Wish to see again with corrections

Date Signature

To: Mining Lands Section, Room 6462, Whitney Block. (Tel: 5-1380)

1983 03 31

2.5448

Mr. William L. Good  
Mining Recorder  
Ministry of Natural Resources  
60 Wilson Avenue  
Timmins, Ontario  
P4N 2S7

Dear Sir:

We have received reports and maps for a Geophysical (Electromagnetic and Magnetometer) survey submitted under Special Provision (credit for Performance and Coverage) on Mining Claims P 530571 et al in the Township of Osway.

This material will be examined and assessed and a statement of assessment work credits will be issued.

We do not have a copy of the report of work which is normally filed with you prior to the submission of this technical data. Please forward a copy as soon as possible.

Yours very truly,

E.F. Anderson  
Director  
Land Management Branch

Whitney Block, Room #6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone:416/965-1380

A. Barr:mc

cc: Maverick Mountain Resources  
844 West Hastings Street  
Vancouver, B.C.  
V6C 1C8

cc: Floyd Hussey and Associates  
1110-625 Howe Street  
Vancouver, B.C.  
V6C 2T6

	Mag			Mag	
P-584170	0	0	530568	0	0
171.	0	✓	569.	✓	✓
172.	3/4	✓	571.	✓	✓
173.	0	0	572.	0	✓
174.	1/2	✓			
175.	0	0		(13)	
177.	1/2	✓	pro rate - 12/3 ∴ 6x20 9		
180.	0	0			
181.	0	0			
182.	0	0			
183.	0	0			
184.	0	0			
185.	0	0			

M.1043  
ONTARIO

# OSWAY

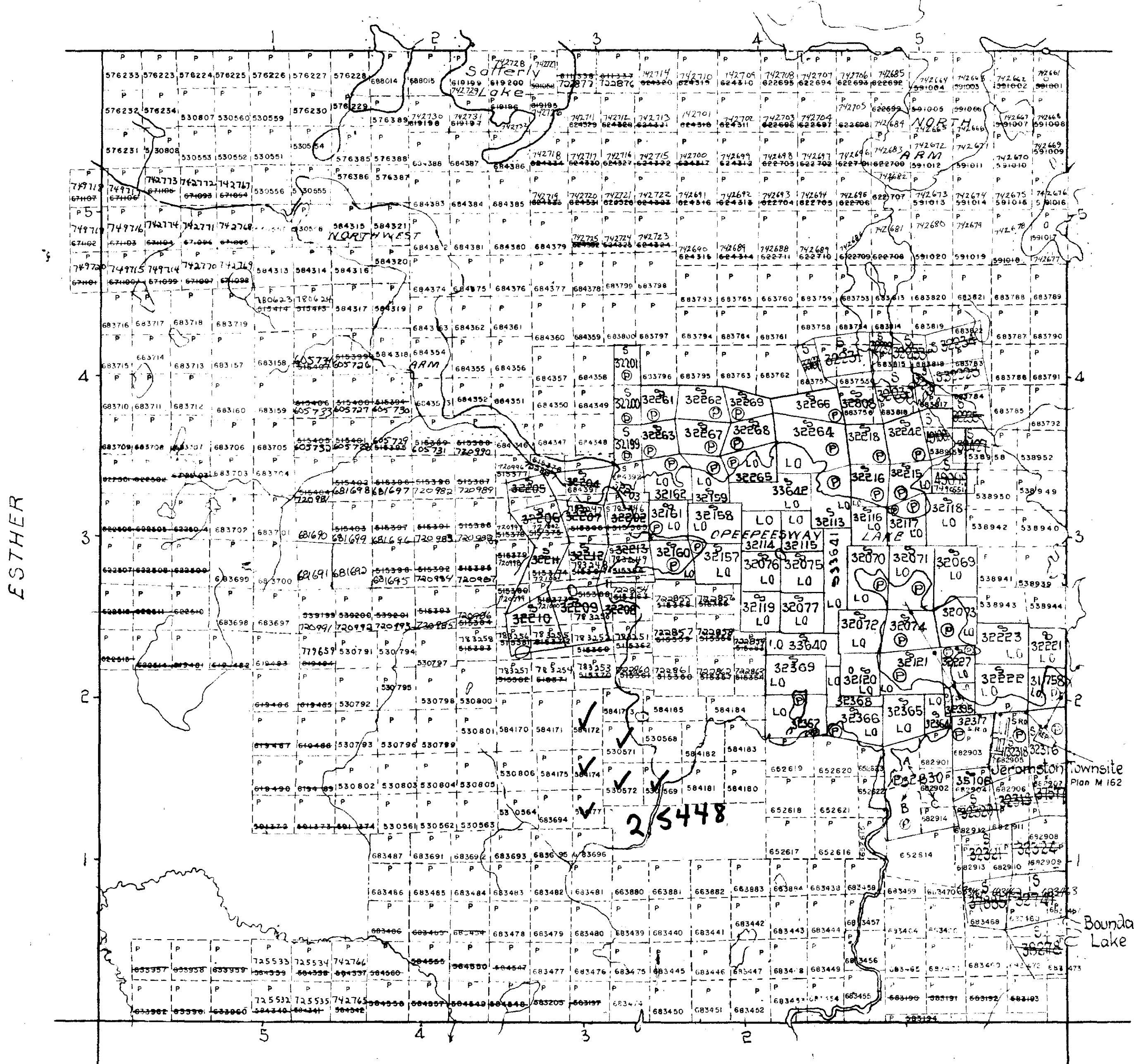
MINISTRY OF NATURAL RESOURCES

DATE OF ISSUE SURVEYS AND MAPPING BRANCH  
FEB 28 1984  
Ministry of Natural Resources  
TORONTO

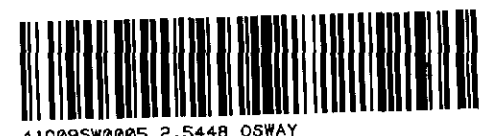
PORCUPINE MINING DIVISION

Scale 40 Chains = 1 inch

## MALLARD

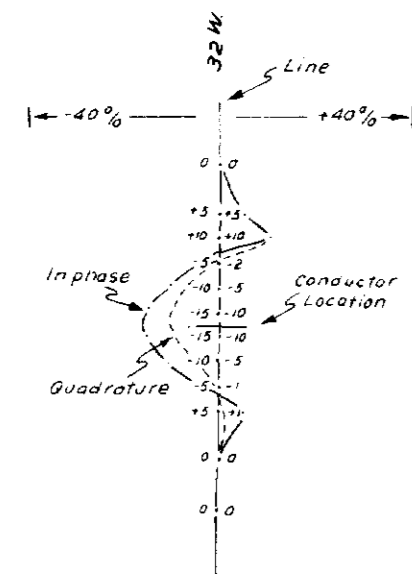


## FINGAL

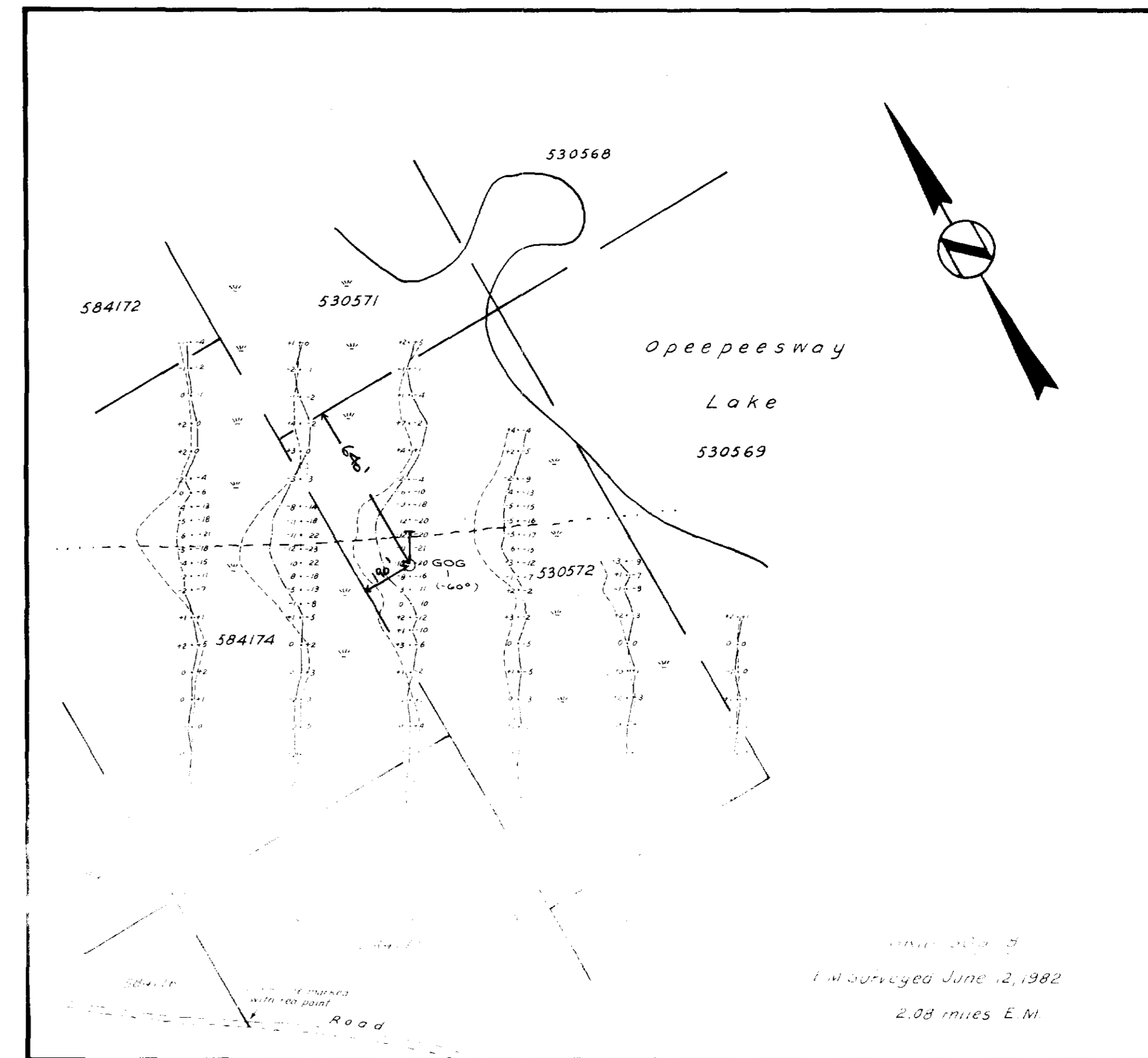
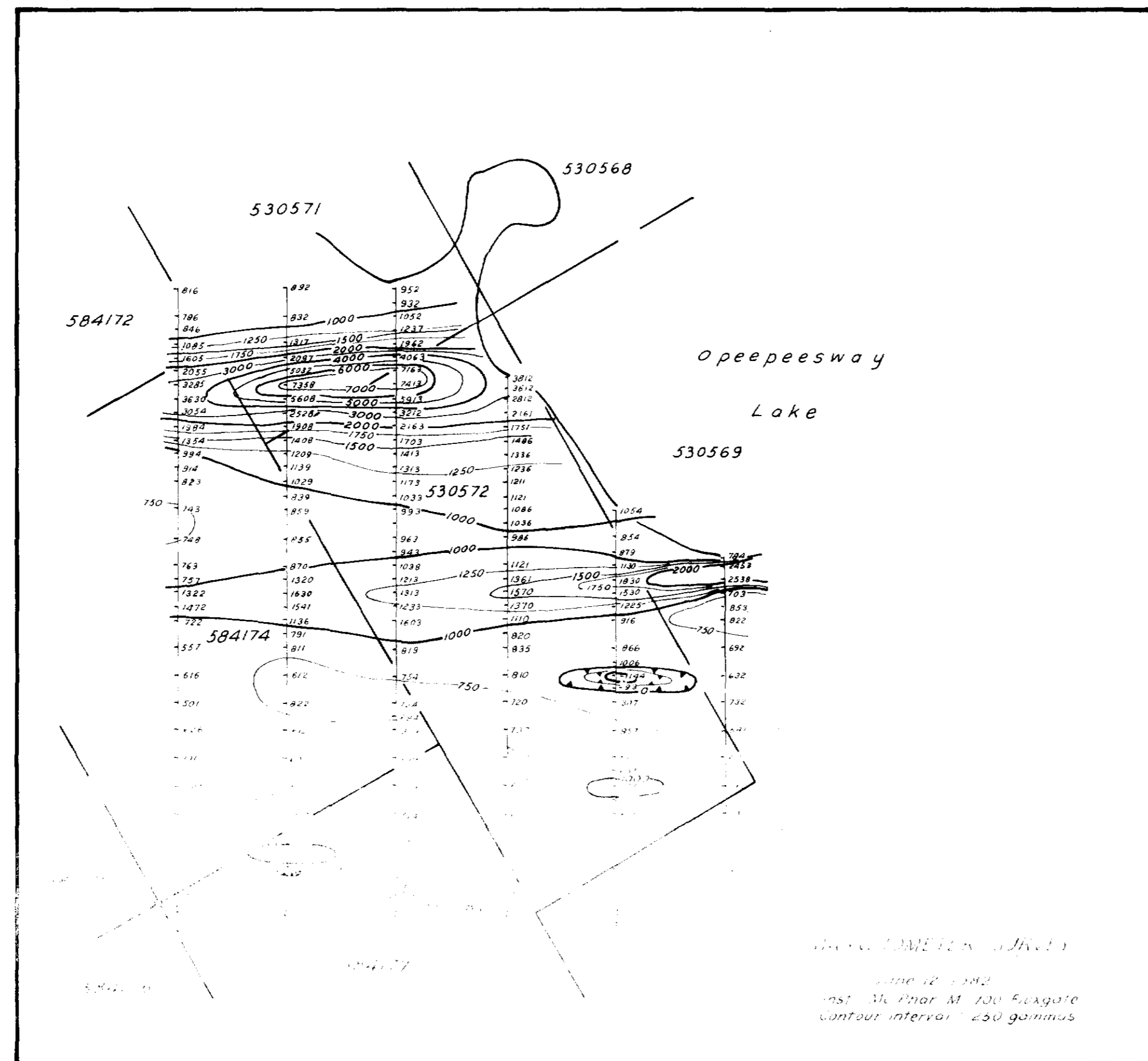
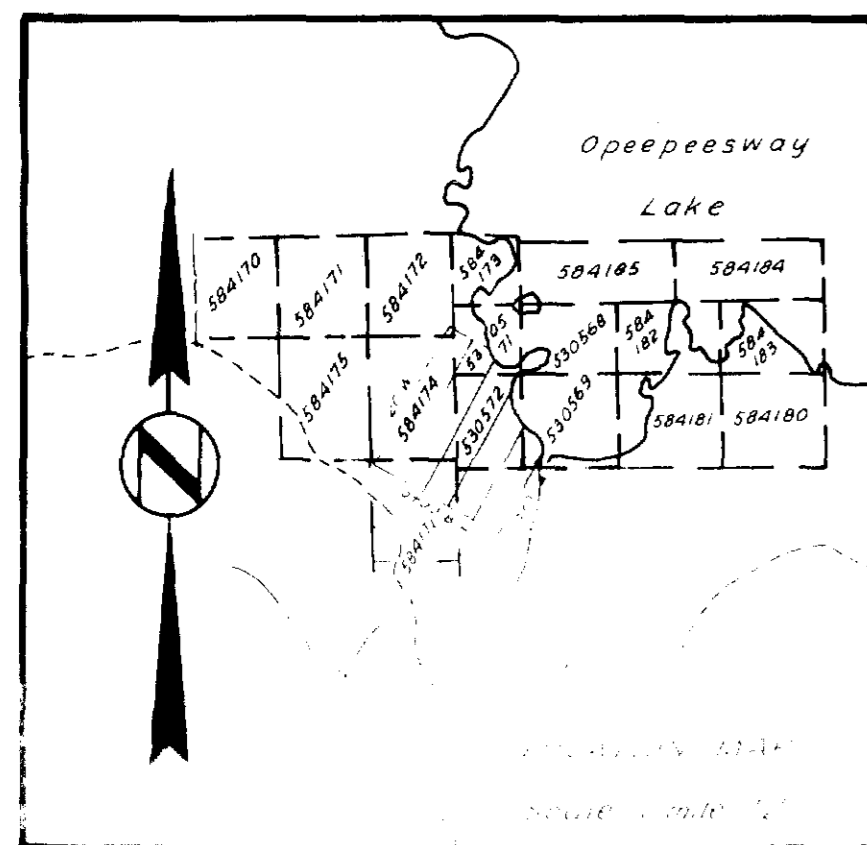


410095W0005 2.5448 OSWAY





EM KEY  
Scale:  
1" = 400'  
1" = 40%



*Surveyed by J. H. P.*  
2.5448



410695W0005 2.5448 05WAY

Surveyed by Floyd Hussey and Associates  
June 12, 1982  
Coil Spacing : 400 ft  
Frequency : 1777 Hz  
Profile Scale : 1" = 40%  
Miles Surveyed : EM 2.08, Mag. 2.08

DRAWN BY: G.T.  
DATE: July, 1982  
In phase to left of line  
Quadrature to right of line

**GRANGES EXPLORATION AB**  
CANADIAN DIVISION  
VANCOUVER OFFICE

MAGNETIC AND ELECTROMAGNETIC SURVEY  
GOGAMA PROJECT  
(Maverick)  
Grid GOG-B  
Osway Twp. Ontario

SCALE: 1" = 400' or 1:4800  
PROJECT No.: 70507  
N.T.S. No.: