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52007SE0015 52007SE0015 CALEY LAKE

010

REPORT  
 ON  
 VLF EM AND MAGNETIC SURVEYS  
 BANCROFT LAKE PROPERTY  
 OF  
 493217 ONTARIO LTD.  
 KENORA MINING DIVISION,  
 PATRICIA PORTION, ONTARIO

RECEIVED

SEP 20 1983

MINING LANDS SECTION

*Quel 73812*



H.J. HODGE, P.ENG  
October 27th, 1982



520075E0015 520075E0015 CALEY LAKE

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## SUMMARY

493217 Ontario Ltd. holds 19 mineral claims in the Bancroft Lake area, 22 miles south west of Pickle Lake. The property is accessible by float plane from Pickle Lake and by water from Highway 599, 14 miles to the east.

The property is adjacent to the Hasaga property of Little Long Lac Mines Ltd. Previous exploration on this property had indicated over 150,000 tons grading 0.2 ounces per ton gold. There are several occurrences of gold on the 493217 Ontario property with the best value being 0.45 ounces per ton gold over 4.5 feet in a pit.

VLF EM and magnetic surveys were carried out over the property in July 1982. Results indicate several bands of iron formation crossing the property in a northeasterly direction with numerous VLF EM magnetic and non-magnetic anomalies.

The geological environment is similar to the Pickle Lake gold camp where over 2 million ounces of gold were mined from several deposits associated with iron formation.

A program of geologic mapping, prospecting and humus sampling is recommended.

Estimated cost is \$32,000.

# KEY MAPS

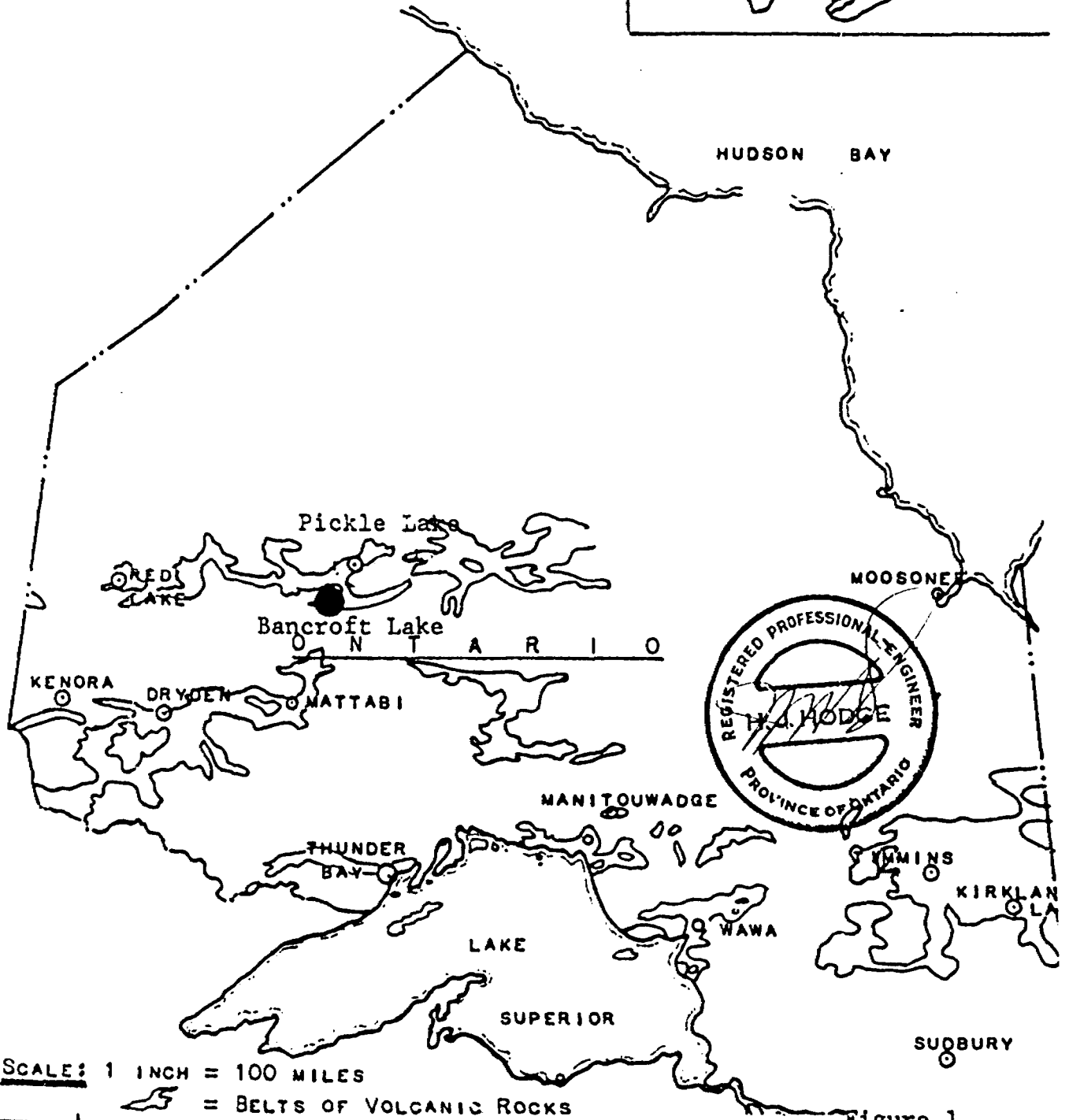


Figure 1

## INTRODUCTION

The Bancroft Lake property of 493217 Ontario Ltd. consists of 19 unpatented mineral claims. It is located 22 miles southwest of Pickle Lake.

The claims were staked to cover several gold showings adjacent to the Hasaga property of Little Long Lac Exploration, on which diamond drilling indicates 150,000 to 200,000 tons grading approximately .20 ounces per ton gold.

## PROPERTY DESCRIPTION

The property consists of 19 unpatented mineral claims numbered 570068 to 570082 inclusive. The claims were recorded on July 7th, 1981 and are currently under Extension of Time to March 31st, 1982.

## LOCATION AND ACCESS

The property is located approximately 22 miles southwest of the town of Pickle Lake and 14 miles west of Highway 599. Highway 599 is a paved highway which connects Pickle Lake to TransCanada Highway No. 17 at Ignace, approximately 200 miles to the south.

Access can be gained by float plane from Pickle Lake to Bancroft Lake, or by water from Highway 599 via Matapesatakun Bay of Lake St. Joseph, a distance of approximately 30 miles.

A hydro line crosses the area approximately 10 miles to the north of the property.

## GEOLOGY

There has been no detailed mapping of the area. The following geological description is taken from ODM geological compilation Series Map 2218 and ODM Map 42e. Also brief descriptions of the Hasaga property geology are found in O.G.S. assessment files in Sioux Lookout.

The property lies within a large east-west greenstone belt called the Meen-Dempster Lakes belt. This belt is connected to the Pickle Lake-Crow River belt, the most prolific gold camp in this area of north western Ontario.

The main belt consists predominantly of intermediate to mafic volcanic flows and fragmentals with interbedded sedimentary rocks and iron formation. South of the property sedimentary rocks are predominant.

On the Hasaga property itself, brief references to the geology indicate that the property straddles a north east-southwest trending contact between andesitic flows on the north and tuffs and sediments on the south. Siliceous volcanic rocks and/or felsic dykes are common in the area of this contact. The sedimentary rocks have not been differentiated but are predominantly greywacke and argillite. Several iron formation bands

cross the property consisting of interbedded magnetite, chert and mafic (chloritic) tuff. Felsic dykes are common near the contact.

The primary trend of these rocks is north east.

### ECONOMIC MINERALIZATION

Gold is the principal mineral of economic significance in the region. The Pickle Lake camp has produced over 2 million ounces of gold. A copper-nickel deposit is being operated by Umex, 9 miles west of Pickle Lake.

On the adjacent Hasaga property, 8 separate gold zones have been found over a strike length of 2,000 feet and a width of 600 feet. Diamond drilling in the Hasaga property indicates approximately 150,000 tons grading 0.19 ounces gold per ton in one zone and 42,000 tons grading 0.14 ounces per ton in another zone. Gold occurs in quartz veins and silicified zones primarily at, or near, a contact between felsic volcanics and tuffaceous sediments. Pyrite, pyrrhotite and arsenopyrite occur with the gold which occurs in native form.

On the property of 493217 Ontario Ltd., a number of gold occurrences were reported from prospecting and surface trenching and pitting in the 1950's. One zone reportedly assayed 0.45 ounces per ton over a width of 4.5 feet.

### PREVIOUS WORK

Gold was first found on the 493217 Ontario and adjacent Hasaga properties in 1953 by Ben Ohman. Prospecting and diamond drilling (on the Hasaga properties) were carried out during 1953 and 1954. Prospecting on the 493217 Ontario properties continued intermittently until the 1970's.

No diamond drilling or geophysical surveys are reported on the property of 493217 Ontario.

### PRESENT PROGRAM

During July 1982 linecutting, VLF EM and Magnetic surveys were carried out over the property of 493217 Ontario Ltd.

Picket lines were oriented North 26° west at intervals of 400 feet over the 19 claims. Total line mileage was 17.92 miles; total magnetic survey coverage was 16.78 and total VLF EM survey coverage was 16.25 miles.

The magnetic survey was carried out using a Geometrics G816, Proton Precession Magnetometer. Readings were taken at 100 foot intervals along the lines and diurnal magnetic variations were corrected

by looping in to base stations along the base line. Survey results are plotted and contoured on Plate No.1.

The VLF EM Survey was carried out using a Geonics EM-16 unit tuned into receive signals from U.S. Department of Defence radio transmitter at Cutler, Maine, operating on a frequency of 17.8 KHz.

## RESULTS AND INTERPRETATION

### Magnetic Survey

The principal feature on the property is a wide band of high amplitude magnetics which crosses the property in a direction approximately north 65° east. This band is continuous in the east portion of the property but breaks up into discontinuous segments in the west portion. The change between the two segments occurs between lines 24E and 32E and is relatively abrupt, suggesting a bedrock displacements along a northerly trending fault zone.

This magnetic feature has values up to over 9,000 gammas and is due to magnetite iron formation. The pattern in the east portion of the property indicates a fold in the iron formation with closure between lines 32 East and 28 East. The broad "drop off" of values the south indicates a shallow south dipping south limb of this fold.

Another bedrock dislocations occur in the extreme south west portion of the property in the vicinity of Line 8 West.

Several lower amplitude magnetic highs occur in the south east corner of the property and along the south boundary and could be due to lean iron formation or magnetic sulphides.

### VLF EM Survey

Numerous VLF EM conductors were picked up on the property. They trend generally northeast-southwest, parallel to the regional primary bedding trends in the volcanics and sedimentary rocks.

The strongest and best defined conductors occur approximately 400 to 800 feet south of the base line coincident with the magnetite iron formation as defined by the magnetic survey.

Several relatively well defined parallel anomalies occur 400 to 800 feet north of the base line without direct magnetic association and may be due to non-magnetic sulphides.

On the south half of the grid there are a number of variable, parallel conductors most of which are non-magnetic. They are less well defined than the iron formation anomalies and may be due to sulphides and/or graphite. Several broader anomalies may be due to conductive overburden.



The strong iron formation conductors south of the base line display definite lateral changes from single conductors on the east and west to multiple conductors between lines 28 and 40 East. This change is also reflected by abrupt terminations of conductors to the north and south and probably reflect strong cross faulting trending north westerly.

### CONCLUSIONS

A band of folded magnetite iron formation is indicated to cross the property. This iron formation has been displaced in one, and probably several, locations on the property by faulting/shearing. This combination of contorted iron formation and faulting are the principal features which constitute the geological environment at the Pickle Crow-Central Patricia gold camp. The occurrence of substantial gold on the adjacent Hasaga property indicates that the property of 493217 Ontario Ltd. has excellent potential for economic gold deposits.

### RECOMMENDATIONS

The next phase of exploration on the property should consist of the following;

1. Geologic Mapping - The grid should be mapped in detail.
2. Prospecting - The property should be re-prospected in detail and all of the old trenches and pits cleaned out and sampled. Any new sulphide showings/quartz veins should be sampled.
3. Geochemical Sampling - Humus sampling should be carried out over the grid at 100 feet intervals.

### ESTIMATED COST OF RECOMMENDED EXPLORATION PROGRAM

1. Geologic Mapping - 1 month, 1 geologist, 1 helper	\$ 6,000
2. Prospecting - 1 month, 1 prospector	3,000
3. Geochemical (Humus) sampling - 1,000 samples	12,000
4. Travel, Transportation, camp costs, etc.	6,000
5. Contingencies 20%	<u>5,400</u>
TOTAL	<u>\$32,400</u>



REFERENCES

Map 2218 - Geological Compilation Series, Ontario Geological Survey

Map 42e Pashkokogan-Misehkow Area-Ontario Ministry of Mines

Map 51-1950 - Geology of Lake St. Joseph - Geological Survey of  
Canada

Assessment Files - Ontario Geological Survey, Sioux Lookout, Ontario

Mineral Resources Circular No. 13 - Gold Deposits of Ontario, Ministry  
of Natural Resources, 1971



52007SE0015 52007SE0015 CALEY LAKE

900

# CALEY LAKE

NATIONAL TOPOGRAPHIC SERIES 52 0

## PLAN NO. M-3048

ONTARIO

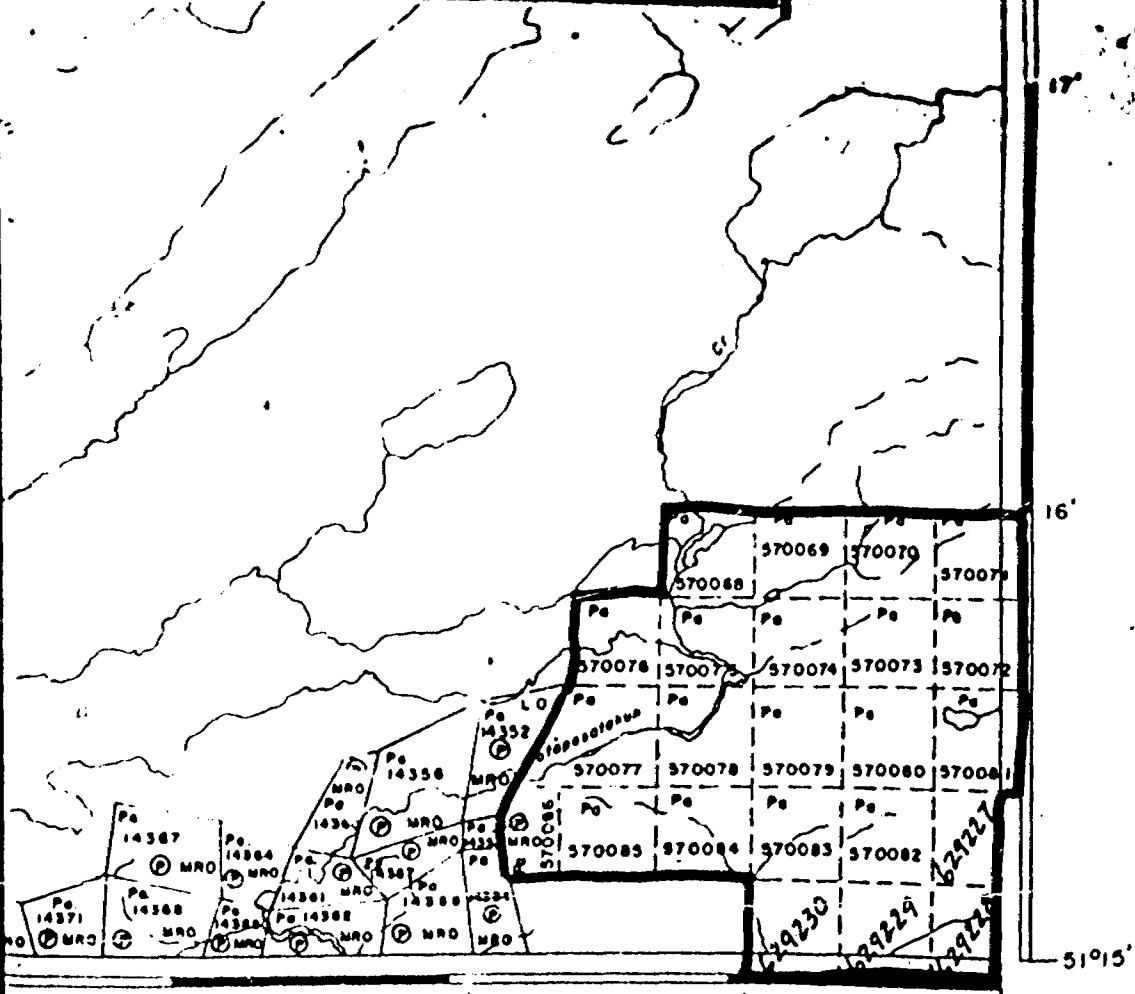
MINISTRY OF NATURAL RESOURCES

SURVEYS AND MAPPING BRANCH

DISTRICT OF  
KENORA  
PATRICIA PORTION

PATRICIA  
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS



SCALE  
1" = 40 chains



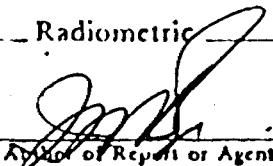
Ministry of Natural Resources

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) Electromagnetic and magnetic  
 Township or Area Caley Lake (M-3048)  
 Claim Holder(s) 493217 Ontario Ltd.  
700-11 Adelaide St. W Toronto M5H1L9  
 Survey Company H. J. Hodge Inc.  
 Author of Report H. J. Hodge  
 Address of Author 25 Hobden Pl. - Weston M9R 3R6.  
 Covering Dates of Survey July 12th to July 29th, 1982  
 (line cutting to office)  
 Total Miles of Line Cut 17.92 miles

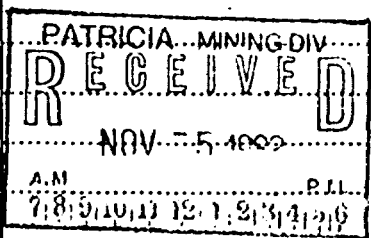
SPECIAL PROVISIONS CREDITS REQUESTED	DAYS per claim	
	Geophysical	
ENTER 40 days (includes line cutting) for first survey.	-Electromagnetic	40
	-Magnetometer	20
ENTER 20 days for each additional survey using same grid.	-Radiometric	
	-Other	
	Geological	
	Geochemical	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)  
 Magnetometer Electromagnetic Radiometric  
 (enter days per claim)  
 DATE: Oct. 28th/82 SIGNATURE:   
 Agent of Report or Agent

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

Previous Surveys

File No.	Type	Date	Claim Holder



MINING CLAIMS TRAVERSED List numerically	
Pa	570068
Pa	570069
	(prefix) (number)
Pa	570070
Pa	570071
Pa	570072
Pa	570073
Pa	570074
Pa	570075
Pa	570076
Pa	570077
Pa	570078
Pa	570079
Pa	570080
Pa	570081
Pa	570082
Pa	570083
Pa	570084
Pa	570085
Pa	570086
TOTAL CLAIMS 19	

GROUND SURVEYS - If more than one survey, specify data for each type of survey

Number of Stations \_\_\_\_\_ Number of Readings 886 magnetic, 858 EM  
Station interval 100 feet Line spacing 400 feet  
Profile scale 1" = 40'  
Contour interval 200 and 1,000 gammas

MAGNETIC

Instrument Geometrics -G-816 Proton Precession Magnetometer  
Accuracy - Scale constant 1 gamma  
Diurnal correction method looping in to base station  
Base Station check-in interval (hours) once per hour  
Base Station location and value L24 East, 0+00

ELECTROMAGNETIC

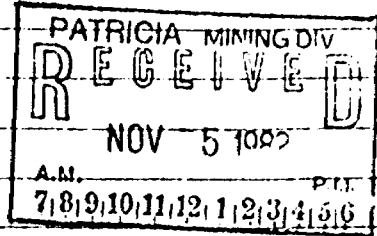
Instrument Geonics EM-16  
Coil configuration Vertical Loop  
Coil separation Infinite  
Accuracy 0.5 degrees  
Method: VLF  Fixed transmitter  Shoot back  In line  Parallel line  
Frequency 17.8 KHz Cutler, Maine  
(specify V.L.F. station)  
Parameters measured dip angle and resultant field

GRAVITY

Instrument \_\_\_\_\_  
Scale constant \_\_\_\_\_  
Corrections made \_\_\_\_\_  
Base station value and location \_\_\_\_\_  
Elevation accuracy \_\_\_\_\_

RESISTIVITY

Instrument \_\_\_\_\_  
Method  Time Domain  Frequency Domain  
Parameters - On time \_\_\_\_\_ Frequency \_\_\_\_\_  
- Off time \_\_\_\_\_ Range \_\_\_\_\_  
- Delay time \_\_\_\_\_  
- Integration time \_\_\_\_\_  
Power \_\_\_\_\_  
Electrode array \_\_\_\_\_  
Electrode spacing \_\_\_\_\_  
Type of electrode \_\_\_\_\_



528/0752

1984 01 05

Your File: 82-124

Our File : 2.5203

Mining Recorder  
Ministry of Natural Resources  
P.O. Box 669  
Sioux Lookout, Ontario  
POV 2T0

Dear Sir: .

RE:           Geophysical (Magnetometer & Electromagnetic) Survey  
              submitted on Mining Claims PA 570068 et al in the  
              Area of Caley Lake and Little Ochig Lake.

The Geophysical (Magnetometer & Electromagnetic) Survey assessment  
work credits as listed with my Notice of Intent dated November 25,  
1983 have been approved as of December 20, 1983.

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

Yours very truly,

J.R. Morton  
Acting Director  
Land Management Branch  
  
Whitney Block,  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: 416/965-1380

D. Kinvig:sc

cc: 493217 Ontario Limited  
      Suite 700  
      11 Adelaide Street West  
      Toronto, Ontario  
      M5H 1L0

cc: Resident Geologist  
      Sioux Lookout, Ontario

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



Ministry of  
Natural  
Resources

Ontario

**Technical Assessment  
Work Credits**

File  
2.5203

Date  
1983 11 25

Mining Recorder's Report of  
Work No. 82-124

Recorded Holder  
493217 ONTARIO LIMITED

Township or Area  
CALEY LAKE AND LITTLE OCHIG LAKE AREAS

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical 20	PA 570069 to 74 inclusive 570077 to 86 inclusive
Electromagnetic _____ days	
40	
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 checked="" type="checkbox"/>	Ground <input checked="" type="checkbox"/>
<input checked="" 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.	

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

10 DAYS ELECTROMAGNETIC AND  
20 DAYS MAGNETOMETER

PA 570068  
570075 - 76

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)—80:

1983 12 20

Your File: 82-124

Our File : 2.5203

Mining Recorder  
Ministry of Natural Resources  
P.O. Box 669  
Sioux Lookout, Ontario  
POV 2T0

Dear Sir:

RE: Geophysical (Magnetometer) Survey submitted on  
Mining Claims PA 570068 et al in the Area of  
Caley Lake and Little Ochig Lake.

---

The Geophysical (Magnetometer) Survey assessment work credits  
as listed with my Notice of Intent dated November 25, 1983  
have been approved as of the above date.

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

Yours very truly,

E.F. Anderson  
Director  
Land Management Branch

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

cc: 493217 Ontario Limited  
Suite 700  
11 Adelaide Street West  
Toronto, Ontario  
M5H 1L9

cc Resident Geologist  
Sioux Lookout, Ontario

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

D. Kinvig:sc





Ministry of  
Natural  
Resources

*Dec 12/83*

Your file: 82 - 124

Our file: 2.5203

1983 11 25

Mr. Albert Hanson  
Mining Recorder  
Ministry of Natural Resources  
P.O. Box 669  
Sioux Lookout, Ontario  
POV 2T0

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 416/965-1380.

Yours very truly,

E.F. Anderson  
Director  
Land Management Branch

Whitney Block, Room 6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: 416/965-1316

D. Kinvig:mc

Encls:

cc: 493217 Ontario Limited  
Suite 700  
11 Adelaide Street West  
Toronto, Ontario  
M5H 1L9

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

845



Ministry of  
Natural  
Resources

Notice of Intent  
for Technical Reports

1983 11 25

2.5203/82-124

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.



Ministry of  
Natural  
Resources

Notification of recording  
of assessment work credits

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

**RECEIVED**

NOV 19 1982

**MINING LANDS SECTION**

Date of recording of work: November 5, 1982  
 Recorded holder: 493217 Ontario Limited  
 Address: 700-11 Adelaide Street West, Toronto, Ont. M5H 1L9  
 Township or Area: Caley Lake M-3048 & Little Ochieg Lake M-3188

Type of survey and number of Assessment days credit per claim	Mining claims
Geophysical	Pa. 570068/- 86 incl.
Electromagnetic <u>20</u> days	
Magnetometer <u>40</u> days	
Radiometric _____ days	
Induced polarization _____ days	
Section 86 (18) _____ days	
Geological _____ days	
Geochemical _____ days	
Man days <input type="checkbox"/> Airborne <input type="checkbox"/>	
Special provision <input type="checkbox"/> Ground <input checked="" type="checkbox"/>	

*See revised work statement.*

Notice to recorded holder:

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

Mining recorder

c.c. 493217 Ontario Limited-Tor.



Ministry of  
Natural  
Resources

Geotechnical  
Report  
Approval

File 2.5203

Mining Lands Comments

you wanted to see this file again

To: Geophysics *Mr. R. Barlow*

Comments

Approved  Wish to see again with corrections

Date *Oct 18/83*

Signature *RRLW*

To: Geology - Expenditures

Comments

Approved  Wish to see again with corrections

Date

Signature

To: Geochemistry

Comments  
*L.D.*

Approved  Wish to see again with corrections

Date

Signature

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

H. J. HODGE, INC.  
EXPLORATION AND MINING GEOLOGIST  
25 HODDEN PLACE  
WESTON, ONTARIO M9R 3R8

1418) 363-4376  
1418) 247-2380  
REB: 1418) 242-2781

September 27, 1983

Your File: 2.5203

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

RECEIVED

SEP 30 1983

MINING LANDS SECTION

Re: Geophysical Report  
Claims PA570068 et al, Caley Lake Area

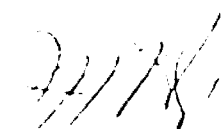
Dear Mr. Anderson:

I just received your registered letter today, with a second request for maps, etc. relating to the above survey. This is the first notice I have received on this matter. I did not receive a copy of your letter dated July 14th, 1983.

I am enclosing the data you require, consisting of 2 copies of the magnetic map, 2 copies of the report complete with a claim map. I trust that this will satisfy your request.

I am somewhat disturbed that this notice was not received by me earlier. However, I am relieved that the claims will not be in jeopardy.

Yours very truly,



H.J. Hodge, P. Eng.

HJH:sh  
Enclosures 2

cc: Mr. A. Hanson (Sioux Lookout)

REGISTERED

September 26, 1983

2.5203

493217 Ontario Ltd  
Suite 700  
11 Adelaide Street West  
Toronto, Ontario  
M5H 1L9

Dear Sir:

RE: Geophysical (Magnetometer) Survey submitted on  
mining claims PA 570068 et al in the Area of  
Caley Lake and Little Ochig Lake

---

Enclosed is a copy of our letter dated July 14, 1983, requesting  
additional information for the above-mentioned survey.

Unless you can provide the required data by October 00, 1983,  
the mining recorder will be directed to cancel the work credits  
recorded on November 5, 1982.

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

S. Hurst:mc

Encl.

cc: Mining Recorder  
Sioux Lookout, Ontario

July 14, 1987

2.5203

493217 Ontario Limited  
Suite 700  
11 Adelaide Street West  
Toronto, Ontario  
M5H 1L9

Dear Sir:

RE: Geophysical (Magnetometer) Survey submitted on  
Mining Claims PA 570068 et al in the Caley Lake  
and Little Ochiq Lake Area

---

We have not received the magnetometer maps for the above-mentioned survey. Please check your files and submit the map, in duplicate, to this office.

In addition, please provide a key map showing the location of the property with respect to Township boundaries, established reference lines and easily identified topographic features. This map should be inset in one corner of the geophysical plan or inserted in the report.

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

R. Pichette:mc

cc: Mining Recorder  
Sioux Lookout, Ontario

Mining Lands Comments


To: Geophysics **R. BARLOW**

Comments


- Magnetic map missing

Approved

Wish to see again with corrections

Date

May 11/83

Signature

*R. Barlow*

To: Geology - Expenditures

Comments


VLF, MAG. (T)

(1) MAG. MAP MISSING.

(2) KEY MAP NEEDED.

Date

Signature

To: G

Comments


Date

Signature

To: Mining Lands Section, Room 6462, Whitney Block.

(Tel: 5-1380)



82-124

1982 11 30

2.5203

Mining Recorder  
Ministry of Natural Resources  
P.O. Box 669  
Sioux Lookout, Ontario  
POV 2T0

Dear Sir:

We have received reports and maps for a Geophysical (Electromagnetic and Magnetometer) Survey submitted under Special Provisions (credit for Performance and Coverage) on Mining Claims Pa 570068 et al in the Area of Caley Lake and Ochig Lake.

This material will be examined and assessed and a statement of assessment work 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: 416/965-1380

DW:sc

cc: 493217 Ontario Limited  
Toronto, Ontario

cc: H.J. Hodge  
Weston, Ontario



Ministry of  
Natural  
Resources

1982:12:01

Your file: 2.5203

Our file: 82-124

**RECEIVED**

L.L.C. - 6 1982

**MINING LANDS SECTION**

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

Attention: Mr. F.W. Matthews  
Special Project Supervisor

Dear Sir:

SUBJECT: Geotechnical Assessment Reports  
Acknowledgements  
Work Report Confirmation

This will confirm the following work report/reports  
were received in this office and the date received:

Report #82-124                      Your file #2.5203  
493217 Ontario Limited  
placed on record Nov. 5/82  
Geophysical Survey Pa. 570068 et al  
old form - notification forwarded your office - Nov. /82

Yours very truly,

*A. Hanson*  
A. Hanson, Mining Recorder  
Patricia Mining Division  
P.O. Box 669  
Sioux Lookout, Ontario P0V 2T0

Telephone 807:737-2100

:dnc

Caley Lake M-3018

Little Ochig Lake M-3188



ONTARIO

THE MINING ACT REPORT OF WORK

A separate form is required for each type of work to be recorded.

#82-124

F.W.M.

Mining hands

To the Recorder of Patricia Mining Division

I, 493217 Ontario Ltd. T-1165

name of Recorded Holder

Miner's Licence

700-11 Adelaide St. West Toronto, Ontario M5H 1L9

Post Office Address

do hereby report the performance of 1140 days of Geophysical Surveys E.M.

not before reported to be applied on the following contiguous claims Mag. & linecutting

Claim No. Days Claim No. Days Claim No. Days

(see attached)

All the work was performed on Mining Claim (s) (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 Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed 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)

Personnel

Linecutting-Adam Wassakisic -Central Patricia, Ont. 12/7/82- 29/7/82

Scott Waldie-Pickle Lake, Ont.

Geophysical Surveys

Jack Hodge-R.R.#1, Devlin, Ont. 12/7/82-29/7/82

Scott Waldie-Pickle Lake, Ont.

Instruments

Magnetometer-Geometrics-G-816-Proton Precession

VLF EM-Geonics-EM 16

Date October 28th, 1982

Signature of Recorded Holder or Agent

The Mining Act Certificate Verifying Report of Work

I, H.J. Hodge

700-11 Adelaide St. West, Toronto, Ontario M5H 1L9

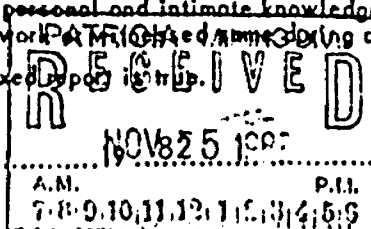
(Post Office Address)

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...

2. That the annexed report is true.

Dated Oct. 28th,



Signature

P. 570068

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

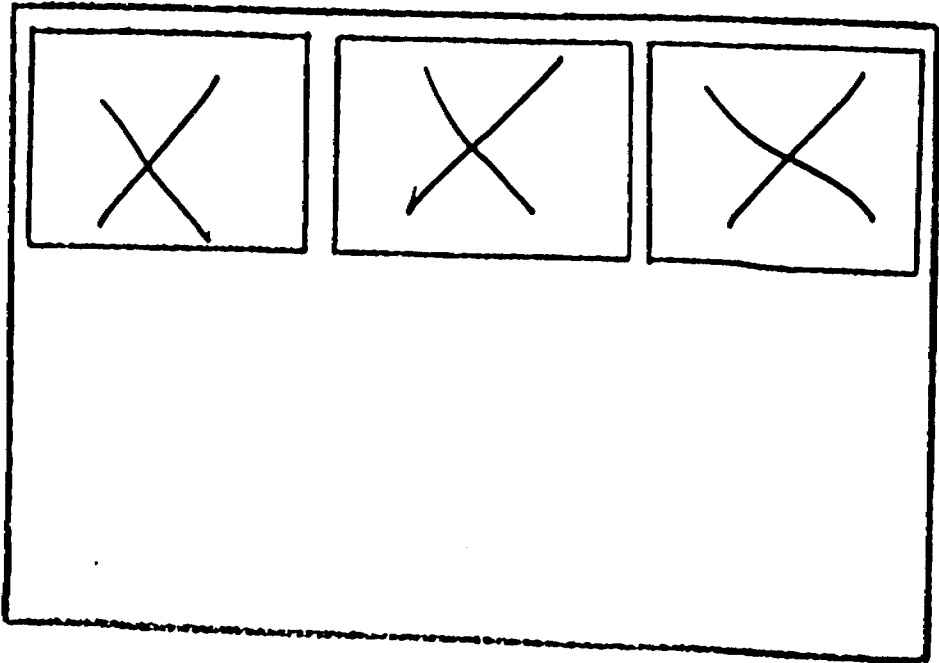


SEE ACCOMPANYING  
MAP(S) IDENTIFIED AS  
520/07SE-0015 #1

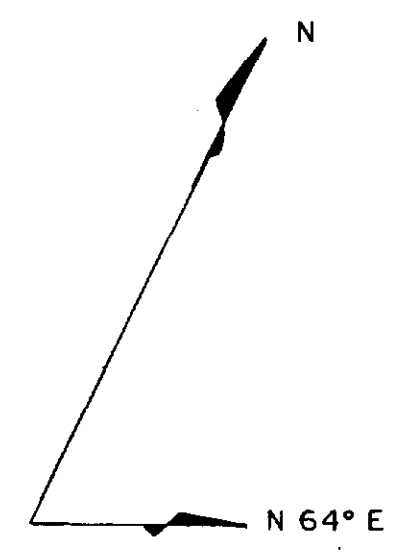
\_\_\_\_\_ 2

\_\_\_\_\_ 3

LOCATED IN THE MAP  
CHANNEL IN THE FOLLOWING  
SEQUENCE (X)



12W 8W 4W 0 4E 8E 12E 16E 20E 24E 28E 32E 36E 40E 44E 48E 52E 56E 60E 64E 68E 72E 75+85E



20N  
16N  
12N  
8N  
4N  
0  
4S  
8S  
12S  
16S  
20S  
24S  
28S  
32S  
36S  
40S  
44S  
48S



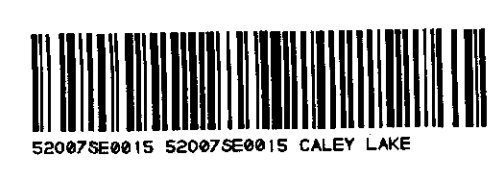
**LEGEND**

INSTRUMENTATION: GEOMETRICS G816 PROTON  
PRECESSION MAGNETOMETER  
CONTOUR INTERVAL: 200, 1000 GAMMAS.  
VLF-EM CONDUCTOR AXIS: ●  
SURVEY BY: J. S. WALDIE

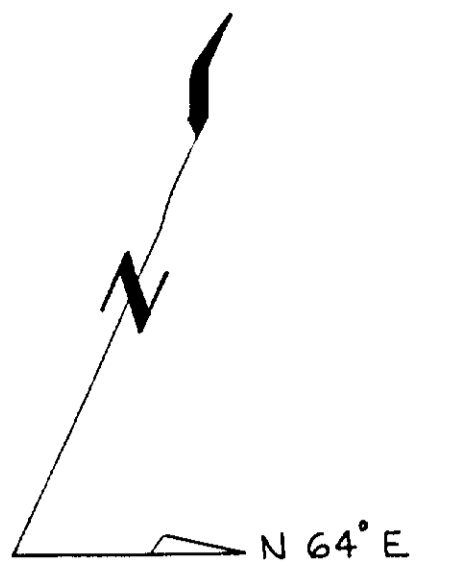


493217 ONTARIO LTD.	
BANCROFT LAKE PROPERTY	
KENORA MINING DIVISION-PATRICIA PORTION	
ONTARIO	
MAGNETOMETER SURVEY	
0 400 800 FEET	
DRAWN - J.S.W.	DATE - Aug. 1982
REVISED - H.J.H.	PLATE NO. 1.

520107SE-0015 #1



12W 8W 4W 0 4E 8E 12E 16E 20E 24E 28E 32E 36E 40E 44E 48E 52E 56E 60E 64E 68E 72E 76E



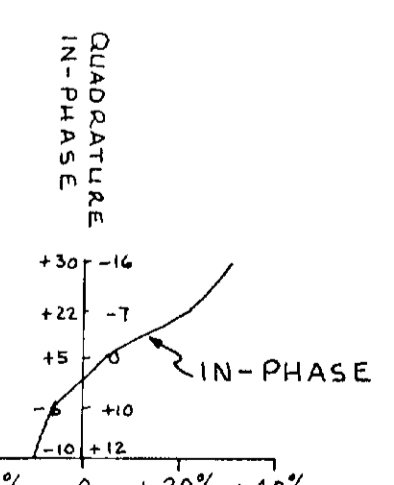
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4N  
0  
4S  
8S  
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24S  
28S  
32S  
36S  
40S  
44S  
48S



**LEGEND**

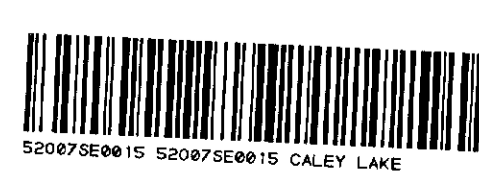
PLOTTING SCHEME: -40% -20% 0 +20% +40%

INSTRUMENTATION: GEONICS EM-16  
 TRANSMITTER: NAA CUTLER, MAINE (17.8 KHZ)  
 FACING: NORTH  
 VLF CONDUCTOR: ●  
 SURVEY BY: JACK HODGE



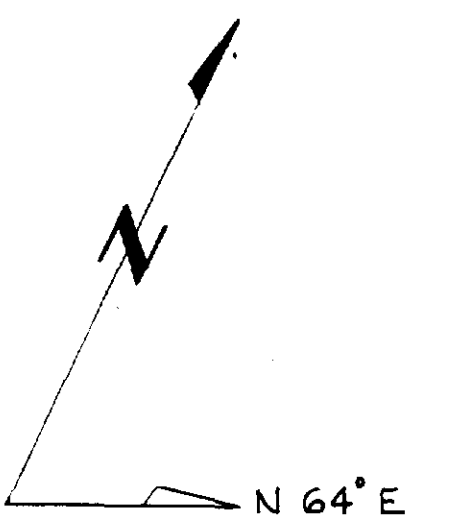
520/07SE-0015 #2

493217 ONTARIO LTD.	
BANCROFT LAKE PROPERTY	
KENORA MINING DIVISION-PATRICIA PORTON	
ONTARIO	
VLF-ELECTROMAGNETIC SURVEY	
0 400 800 FEET	
DRAWN H.J.H.	DATE - AUG. 1982
REVISED	PLATE NO. 2.

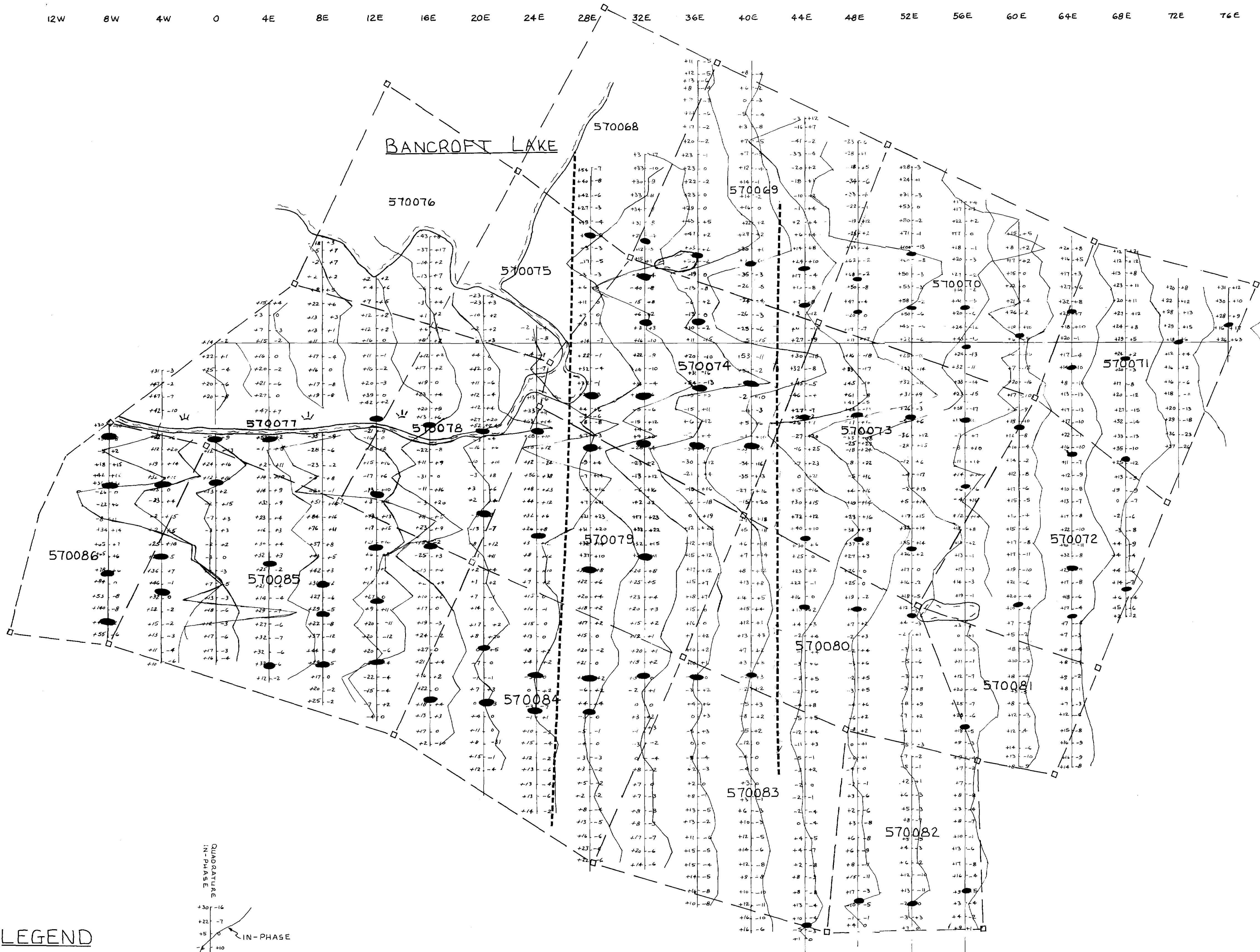




12W 8W 4W 0 4E 8E 12E 16E 20E 24E 28E 32E 36E 40E 44E 48E 52E 56E 60E 64E 68E 72E 76E



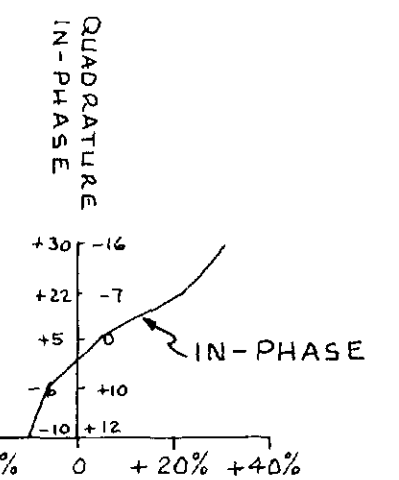
20N  
16N  
12N  
8N  
4N  
0  
4S  
8S  
12S  
16S  
20S  
24S  
28S  
32S  
36S  
40S  
44S  
48S



**LEGEND**

PLOTTING SCHEME:

INSTRUMENTATION: GEONICS EM-16  
TRANSMITTER: NAA CUTLER, MAINE (17.8 KHZ)  
FACING: SOUTH  
VLF CONDUCTOR: ●  
SURVEY BY: JACK HODGE  
----- FAULT



520/07SE-0015 #3.

493217 ONTARIO LTD.	
BANCROFT LAKE PROPERTY	
KENORA MINING DIVISION-PATRICIA PORTION	
ONTARIO	
VLF-ELECTROMAGNETIC SURVEY	
0 400 800 FEET	
DRAWN H.J.H.	DATE - Aug. 1982
REVISED	PLATE NO. 2.

