



42D14SE1074 2.5200 6Y1NE

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REPORT ON THE GEOPHYSICS
OF
MICHAM EXPLORATIONS INC.
SYINE TOWNSHIP
DISTRICT OF THUNDER BAY
ONTARIO

RECEIVED
NOV 18 1982
MINING LANDS SECTION

Timmins, Ontario
November 4, 1982

By: David R. Bell
Consulting Geologist.

*Andif
enclosed*



42D14SE1074 2.5200 6Y1NE

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INTRODUCTION

Magnetometer and VLF surveys were undertaken during November and December 1981, and August 1-26th, 1982 to aid in delineating the stratigraphy and mineralized zones on the Micham Explorations Inc. property. It is hoped that this program will aid in the future mapping and prospecting of the property.

PROPERTY LOCATION AND ACCESS

The Micham Exploration Inc. property consists of fifty (50) contiguous unpatented mining claims located in the Thunder Bay Mining Division. The claims are located in the Township of Syine in the vicinity of Jackfish Bay on the north shore of Lake Superior approximately 15.5 kilometres by road, east of the town of Terrace Bay.

Access to the property is gained via the Trans-Canada Highway No. 17, east of Terrace Bay to an unimproved gravel road 15 Km from Terrace Bay providing access to the centre of the claim group. Portions of the Trans-Canada Highway pass through small portions of the eastern half of the claim group.

The claims are numbered:

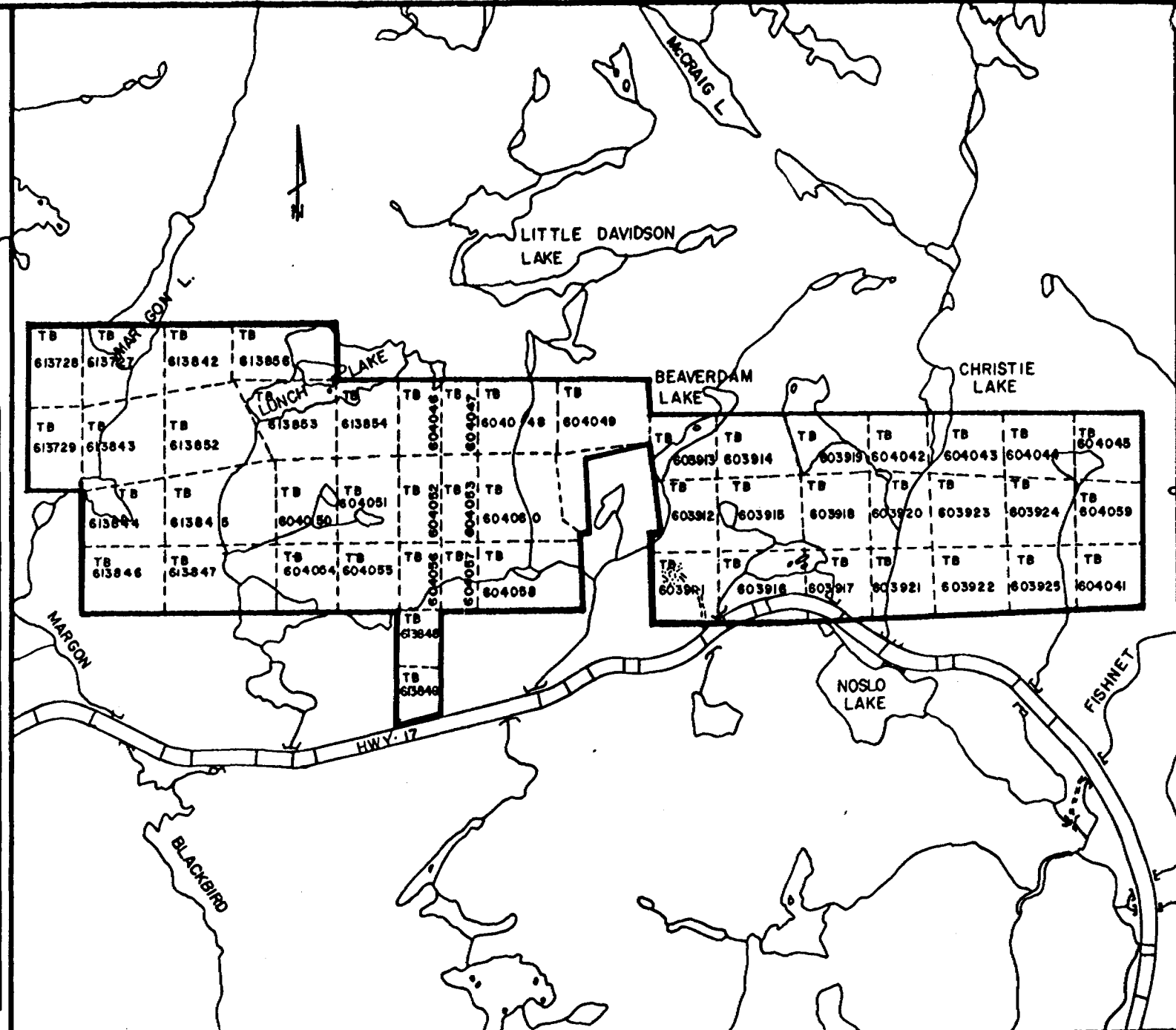
TB603911-603925 inclusive
TB604041-604060 inclusive
TB613727-713729 inclusive
TB613842-613849 inclusive
TB613852-613854 inclusive
TB613856

and are outlined on Plan No. ME-82-1 prepared by the author from the Ontario Ministry of Natural Resources Plan No. M1930, scale 1 inch = $\frac{1}{2}$ mile.

GEOLOGY

The geology of the Micham property is contained in Geological Report 50 and on Map 2107. The claim group is underlain by a complex folded assemblage of basic to intermediate metavolcanic units consisting

3
FELTON
D.R.B.



DAVID R. BELL GEOLOGICAL SERVICES INC.
CLAIM LOCATION MAP
MICHAM EXPLORATION INC.
DISTRICT OF THUNDER BAY, ONTARIO
November 4, 1982 Plan No. ME-82-1

2.5200.

mainly of massive pillow flows and laminated tuffs. Interbedded with the mafic volcanics are lenses of felsic and crystal tuffs. Gabbro and diorite units are thought to be genetically related to the volcanics and may be both intrusive and coarser grained units of massive mafic flows.

Narrow beds of cherty iron formation containing pyrite are conformable to the volcanic stratigraphy and occur at the south end of Morgan Lake on Claims TB613728 and Tb613727, and a similar formation is expressed on claims TB604056, TB604057 and TB604058.

SURVEY INSTRUMENTS AND PROCEDURE

A baseline originating from claim No. TB603914 was established at an azimuth of 090° E for 7,600 feet east, and at an azimuth of 270°W for 12,000 feet west. Grid lines were established at 400 foot intervals along the baseline except on claims TB603912 to TB603915 inclusive where 200 foot intervals were established for a more detailed study. Tie lines parallel to the 0+00 baseline were established at 18+00N between 12+00W and 68+00W, as well as a tie line 22+00S between 28+00W and 72+00W. A total of 44 miles of lines were established on the property.

MAGNETOMETER SURVEY

The instrument used was a Geometric G816 Proton; a total of 4,416 readings were taken at various 100 foot interval stations to complete the survey. The instrument operator was P. Luke of Timmins, Ontario. For claims TB603912-TB603015, a main magnetic base station, with a value of 59,946 gammas, was established at Station 0+00. This survey was carried out between November 30 to December 14, 1981. For the remaining claims a base station was established at Station 16+00W, 0+00BL, with a value of 59835 gammas. This portion of the survey was carried out between August 1, to 26th, 1982.

The reading accuracy was ± 1.0 gamma. The sensor for the G816 is mounted on an 8ft. collapsible aluminum staff, the purpose is to remove the sensor from locally disturbing effects of possible high magnetic surface materials, such as surface laterites, glacial

ill, or highly magnetic outcropping rocks.

ELECTROMAGNETIC SURVEY

The V.L.F. (very low frequency) electromagnetic survey was conducted over the above grid at 400 foot line intervals (except for TB603912-TB603915, 200 foot line intervals), in a north-south direction with readings taken every 100 feet.

Stations were read at 100 ft. intervals, reading south. The instrument operator was D. Rochon of Timmins, Ontario. A total of 4,403 stations were read. For claims TB603912-TB603915 the work was performed between Nov. 30 to Dec. 14, 1981, and for the rest of the group between August 1 to 26th, 1982.

The equipment used was a Geonics EM-16 system. The method uses the radiation from a powerful military radio transmitter at low frequencies as primary signals as opposed to portable transmitters in the conventional EM method. The transmitter station used in the present survey is located at Cutler, Maine.

The instrument has two receiving coils and the parameters measured are:

1. the vertical in-phase component (tilt angle)
2. the vertical out-of-phase component. (quadrature component)

The interpretation of the results uses the relative measurements of these two parameters and it is possible to outline such poor conductors as sheared contacts, breccia zones, faults, and alteration zones, as well as the good sulphide conductors.

RESULTS

a) Magnetometer Survey

The geology, as reflected by the magnetic trends, strike east-west. The magnetic susceptibility contrast between individual lithological units indicate the presence of the mafic metavolcanics and gabbros as magnetic highs.

The low magnetic profiles along the southern boundary of the property probably indicate the presence of the granitic batholith outlined on the government map.

● Electromagnetic Survey

Several electromagnetic conductors were found; their locations and characteristics are shown on the maps which accompany this report. The majority of the anomalies are weak to moderate and in a few cases are strong. Some anomalies are accompanied by magnetic backgrounds.

Anomalies "A", "B", "C", and "D" outlined in red on the accompanying maps indicate potential cherty tuff horizons within the felsic volcanic units, sometimes in contact with the mafic volcanic flows. The varying strengths of conductivity within these anomalies could indicate increasing amounts of sulphides and possibly graphite.

Other VLF conductors could indicate shearing, faults and possibly alteration zones.

RECOMMENDATIONS AND CONCLUSIONS

The magnetic survey has helped resolve some of the geology and corresponds to the trends outlined by the electromagnetic conductors.

Detailed geological mapping and prospecting should be carried out over the entire grid system. The mapping should try to identify as many of the anomalies and magnetic features paying close attention to gold bearing structures due to the presence of gold previously indicated on this claim group.

Geochemical soil sampling should also be used to help identify anomalies otherwise not exposed by rock outcrops.

Respectfully submitted by:



Timmins, Ontario.
November 4, 1982

By: David R. Bell
Consulting Geologist.

C E R T I F I C A T I O N

I, David R. Bell of Suite 6, 251 Third Avenue, Timmins, Ontario,
do hereby affirm that:

1. I am a graduate of Carleton University, Ottawa,
Ontario (1973).
2. I have been practicing my profession as a geologist
since 1973.
3. That I am a Fellow of the Geological Association of
Canada since April 11, 1981, and a member of the
Canadian Institute of Mining and Metallurgy.
4. That the accompanying report is based on data obtained
by Mid-Canada Explorations Services Ltd., P.O.Box
401, Schumacher, Ontario.

Timmins, Ontario.
November 4, 1982.



David R. Bell,
Consulting Geologist.

EM16

VLF Electromagnetic Unit

Pioneered and patented exclusively by Geonics Limited, the VLF method of electromagnetic surveying has been proven to be a major advance in exploration geophysical instrumentation.

Since the beginning of 1965 a large number of mining companies have found the EM16 system to meet the need for a simple, light and effective exploration tool for mining geophysics.

The VLF method uses the military and time standard VLF transmissions as primary field. Only a receiver is then used to measure the secondary fields radiating from the local conductive targets. This allows a very light, one-man instrument to do the job. Because of the almost uniform primary field, good response from deeper targets is obtained.

The EM16 system provides the *in-phase* and *quadrature* components of the secondary field *with the polarities indicated*.

Interpretation technique has been highly developed particularly to differentiate deeper targets from the many surface indications.

Principle of Operation

The VLF transmitters have vertical antennas. The magnetic signal component is then horizontal and concentric around the transmitter location.



Specifications

Source of primary field	VLF transmitting stations.	Reading time	10-40 seconds depending on signal strength.
Transmitting stations used	Any desired station frequency can be supplied with the instrument in the form of plug-in tuning units. Two tuning units can be plugged in at one time. A switch selects either station.	Operating temperature range	-40 to 50° C.
Operating frequency range	About 15-25 kHz.	Operating controls	ON-OFF switch, battery testing push button, station selector, switch, volume control, quadrature, dial $\pm 40\%$, inclinometer dial $\pm 150\%$.
Parameters measured	(1) The vertical in-phase component (tangent of the tilt angle of the polarization ellipsoid). (2) The vertical out-of-phase (quadrature) component (the short axis of the polarization ellipsoid compared to the long axis).	Power Supply	6 size AA (penlight) alkaline cells. Life about 200 hours.
Method of reading	In-phase from a mechanical inclinometer and quadrature from a calibrated dial. Nulling by audio tone.	Dimensions	42 x 14 x 9 cm (16 x 5.5 x 3.5 in.)
Scale range	In-phase $\pm 150\%$; quadrature $\pm 40\%$.	Weight	1.6 kg (3.5 lbs.)
Readability	$\pm 1\%$.	Instrument supplied with	Monotonic speaker, carrying case, manual of operation, 3 station selector plug-in tuning units (additional frequencies are optional), set of batteries.
		Shipping weight	4.5 kg (10 lbs.)

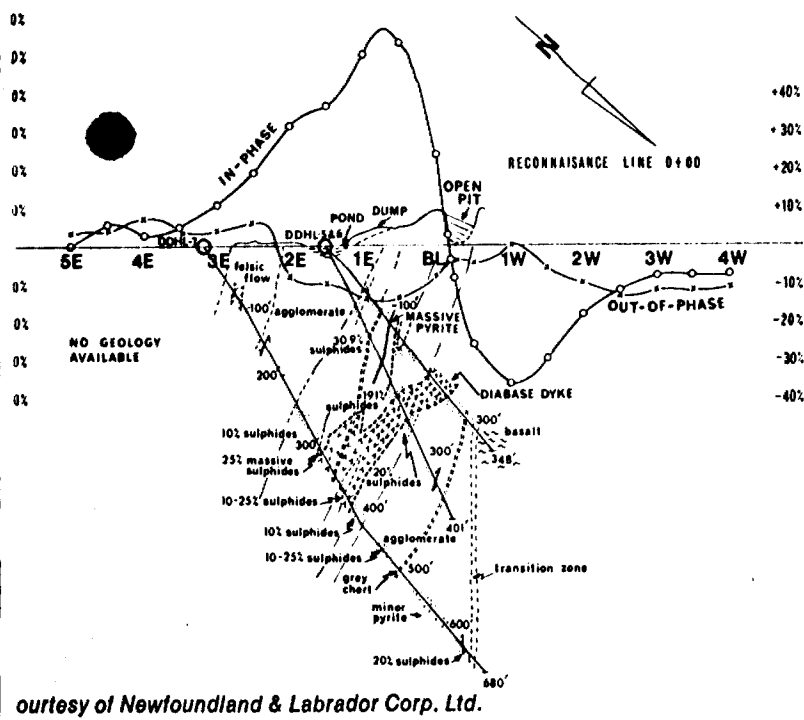


GEONICS LIMITED

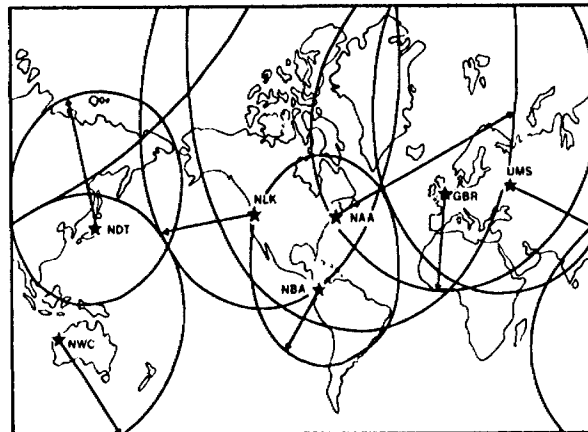
Designers & manufacturers
of geophysical instruments

subsidiary of
Deering Milliken Inc.

2 Thorncliffe Park Drive
Toronto/Ontario/Canada
M4H 1H2
Tel: (416) 425-1821
Cables: Geonic's

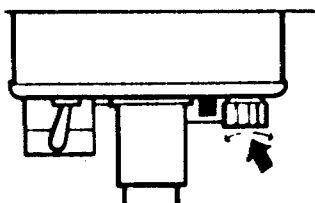


courtesy of Newfoundland & Labrador Corp. Ltd.

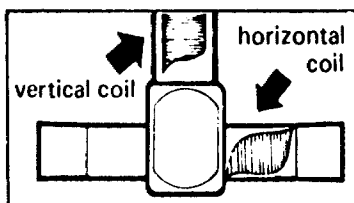


Areas of VLF Signals
 Coverage shown only for well-known stations. Other reliable, fully operational stations exist. For full information regarding VLF signals in your area consult Geonics Limited. Extensive field experience has proved that the circles of coverage shown are very conservative and are actually much larger in extent.

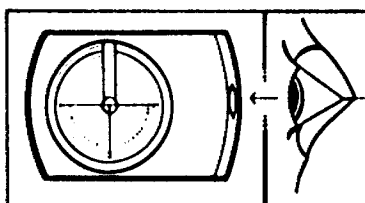
#16 Profile over Lockport Mine Property, Newfoundland
 additional case histories on request.



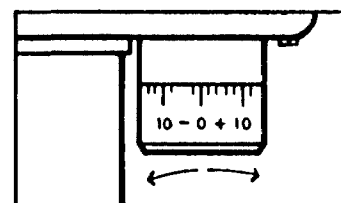
Station Selector
 Two tuning units can be plugged in at one time. A switch selects either station.



Receiving Coils
 Vertical receiving coil circuit in instrument picks up any vertical signal present. Horizontal receiving coil circuit, after automatic 90° signal phase shift, feeds signal into quadrature dial in series with the receiving coil.



In-Phase Dial
 Shows the tilt-angle of the instrument for minimum signal. This angle is the measure of the vertical in-phase signal expressed in percentage when compared to the horizontal field.



Quadrature Dial
 Is calibrated in percentage markings and nulls the vertical quadrature signal in the vertical coil circuit.

selecting a suitable transmitter station as a source, the #16 user can survey with the most suitable primary field azimuth.

The EM 16 has two receiving coils, one for the pick-up of the horizontal (primary) field and the other for detecting any anomalous vertical secondary field. The coils are thus orthogonal, and are mounted inside the instrument "handle".

The actual measurement is done by first tilting the coil assembly to minimize the signal in the vertical (signal) coil and then further sharpening the null by using the reference signal buck out the remaining signal. This is done by a calibrated "quadrature" dial.

The tangent of the tilt angle is the measure of the vertical in-phase component and the quadrature reading is the signal at right angles to the total field. All readings are obtained in percentages and do not depend on the absolute amplitude of the primary signals present.

The "null" condition of the measurement is detected by the drop in the audio signal emitted from the patented resonance loudspeaker. A jack is provided for those preferring the use of an earphone instead.

The power for the instrument is from 6 penlight cells. A battery tester is provided.

geometrics



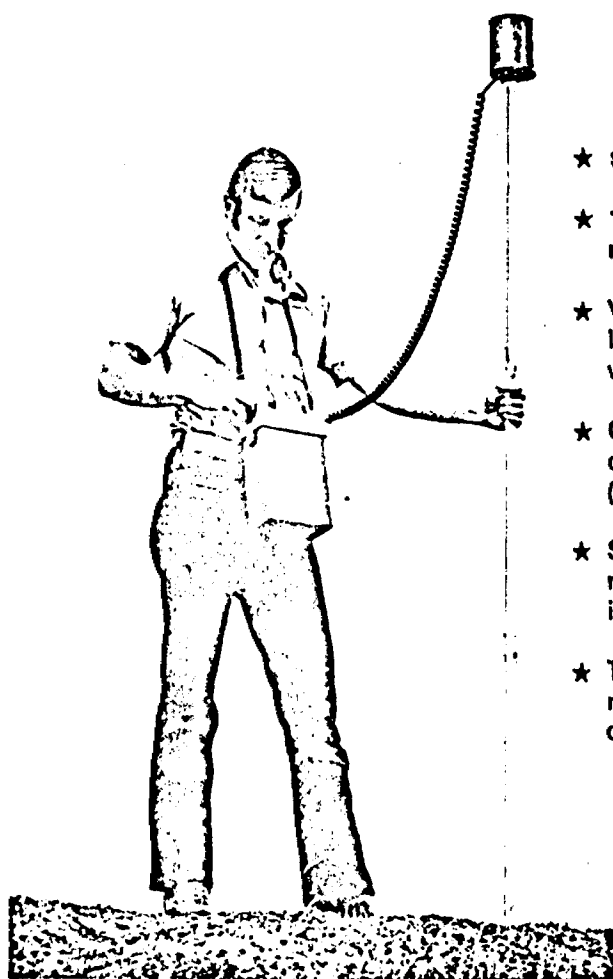
Remote Sensing and
Interpretation

PORTABLE PROTON MAGNETOMETER MODEL G-816

Data/Price Sheet

XXXXXXXXXXXXXX

June 1974

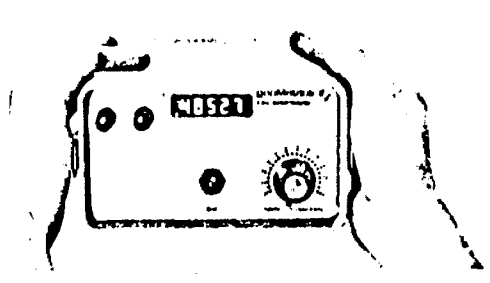


- ★ ~~\$2300~~complete \$2600
- ★ 1 gamma sensitivity and repeatability
- ★ Very small size and weight: less than 12 lbs complete with battery and sensor
- ★ Over 10,000 readings per set of alkaline "D" cell (flashlight) batteries
- ★ Simplified operation—numeric display directly in gammas
- ★ Total field measurements—no calibration—-independent of orientation

The Model G-816 is a complete portable magnetometer for all man-carry field applications. As an accurate yet simple to operate instrument, it features an outstanding combination of one gamma sensitivity and repeatability, compact size and weight, operation on standard universally available flashlight batteries, ruggedized packaging and very low price.

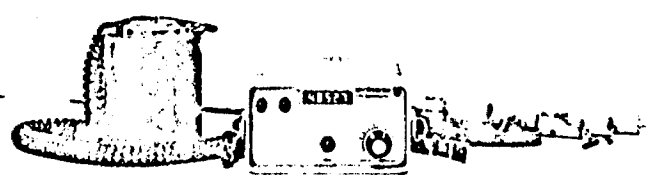
The G-816 magnetometer allows precise mapping of very small or large amplitude anomalies for ground geophysical surveys, or for detail follow-up to aeromagnetic reconnaissance surveys. It is a rugged, light-weight, and versatile instrument, equally well suited for field studies in geophysics, research programs or other magnetic mapping application where low cost, dependable operation and accurate measurements are required.

For marine, airborne or ground recording systems consider GeoMetrics Models G-801, G-803, and G-806.



SPECIFICATIONS

Based upon the principle of nuclear precession (proton) the G-816 offers absolute drift-free measurements of the total field directly in gammas. (The Proton precession method is the official recognized standard for measurement of the earth's magnetic field.) Operation is worldwide with one gamma sensitivity and repeatability maintained throughout the range. There is no temperature drift, no set-up or leveling required, and no adjustment for orientation, field polarity, or arbitrary reference levels. Operation is very simple with no prior training required. Only 6 seconds are required to obtain a measurement which is always correct to one gamma, regardless of operator experience. Only the Proton Magnetometer offers such repeatability—an important consideration even for 10 gamma survey resolution.



Complete Field Portable System

The Model G-816 comes complete, ready for portable field operation and consists of:

1. Electronics console with internally mounted and easily replaced "D" cell battery pack.
2. Proton sensor and signal cable for attachment to carrying strap or staff.
3. Adjustable carrying strap.
4. 8 foot collapsible staff.
5. Instruction manual, complete set of spare batteries, reusable shipping container.

All magnetometers and parts are covered by a one year warranty beginning with the date of receipt but not to exceed fifteen months from the shipping date.

- Sensitivity:** ±1 gamma throughout range
- Range:** 20,000 to 90,000 gammas (worldwide)
- Tuning:** Multi-position switch with signal amplitude indicator light on display
- Gradient Tolerance:** Exceeds 150 gammas/ft
- Sampling Rate:** Manual push-button, one reading each 6 seconds
- Output:** 5 digit numeric display with readout directly in gammas
- Power Requirements:** Twelve self-contained 1.5 volt "D" cell, universally available flashlight-type batteries. Charge state or replacement signified by flashing indicator light on display.

Battery Type	Number of Readings
Alkaline	over 10,000
Premium Carbon Zinc	over 4,000
Standard Flashlight	over 1,500

NOTE: Battery life decreases with temperature

- Temperature Range:** Console and sensor: -40° to +85°C
Battery Pack: 0° to +50°C (limited use to -15°C; lower temperature operation—optional)

- Accuracy (Total Field):** ±1 gamma through 0° to 50°C temperature range

- Sensor:** High signal, noise cancelling, interchangeably mounted on separate staff or attached to carrying harness

- Size:** Console: 3.5 x 7 x 10.5 inches (9 x 18 x 27 cm)
Sensor: 4.5 x 6 inches (11 x 15 cm)
Staff: 1 inch diameter x 8 ft length (3 cm x 2.44 m)

Weight:	Lbs.	Kgs.
Console (w/batteries):	5.5	2.4
Sensor & signal cable:	4	1.8
Aluminum staff:	2	0.9
	<u>11.5</u>	<u>5.1</u>

- PRICE:** Complete Field System \$2600.00 ~~\$2500.00~~

EXPLORANIUM

DIVISION OF **geoMetrics** SERVICES (CANADA) LTD.

CORPORATION OF CANADA
48-ALNESS STREET • DOWNSVIEW (TORONTO) CANADA
TELEPHONE: 661-1966 (AREA CODE 416)

NUCLEAR INSTRUMENT DIVISION

CABLE: EXPLOR

TELEX: 06-22694



28704.00282
 Report of Work *File 6034*
 (Geophysical, Geological,
 Geochemical and Expenditures)



42D14SE1074 2.5200 SYINE

900

Land Management The M.

DO NOT USE SHADDED AREAS BELOW.

Type of Survey(s) Geophysical		Township or Area Syine Township 6634	
Claim Holder(s) Micham Exploration Inc.		Prospector's Licence No. E27914	
Address 403-595 Howe Street Vancouver, B.C.			
Survey Company Mid-Canada Exploration Services	Date of Survey (from & to) Day Mo. Yr. Day Mo. Yr. 1 8 82 26 8 82		Total Miles of line Cut 44
Name and Address of Author (of Geo-Technical report) Orville Hicks 401 Schumacher, Ontario. PON 1G0			

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	40
	- Magnetometer	20
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- 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	

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
TB	603911		TB	604049	
	12			50	
	13			51	
	14			52	
	15			53	
	16			54	
	17			55	
	18			56	
	19			57	
	20			58	
	21			59	
	22			60	
	23			613727	
	24			28	
	25			29	
	604041			613842	
	42			43	
	43			44	
	44			45	
	45			46	
	46			47	
	47			48	
	48			49	

RECEIVED
 OCT 15 1982
 MINING LANDS SECTION

See reverse work sheet

Expenditures (excludes power & shipping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures \$ ÷ 15 = Total Days Credits

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.

For Office Use Only

Total Days Cr. Recorded **3,000** Date Recorded **Sept. 7/82** Mining Recorder **Audrey M. Hayes**

Date Approved as Recorded _____ Branch Director _____

Date **Sept. 1/82** Recorded Holder of Agent (Signature) *[Signature]*

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
DAVID R. BELL GEOLOGICAL SERVICES INC. BOX 1250 TIMMINS, ONTARIO

Date Certified **Sept. 1/82** Certified by (Signature) *[Signature]*

Total number of mining claims covered by this report of work. **50 con't**

MICHAM EXPLORATION INC.

Mining Claim Numbers con't

TB, 613852

53

54

56

Total Number of Claims 50



Recorded Holder
MICHAM EXPLORATION INC

Township or Area
SYINE TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical 40 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 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.	TB 603911 to 16 inclusive 603918 to 25 inclusive 604041 to 53 inclusive 604055 to 60 inclusive 613727 to 29 inclusive 613842 to 49 inclusive 613852 to 54 inclusive

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

<u>30 DAYS ELECTROMAGNETIC</u>	<u>10 DAYS ELECTROMAGNETIC</u>
TB 603917 604054	TB 613856

No credits have been allowed for the following mining claims

not sufficiently covered by the survey Insufficient technical data filed



Ontario

Ministry of Natural Resources

Technical Assessment Work Credits

File 2.5200

Date 1983 08 04

Mining Recorder's Report of Work No. 282

Recorded Holder
MICHAM EXPLORATION INC

Township or Area
SYINE TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ 20 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.	TB 603911 to 25 inclusive 604041 to 48 inclusive 604050 to 53 inclusive 604055 to 60 inclusive 613727 to 29 inclusive 613842 to 48 inclusive 613852 to 54 inclusive

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

<u>15 DAYS MAGNETOMETER</u>	<u>5 DAYS MAGNETOMETER</u>
TB 604049 604054 613849	TB 613856

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:

2.5200

1983 08 31

2.5200

Mrs. Audrey Hayes
Mining Recorder
Ministry of Natural Resources
P.O. Box 5000
Thunder Bay, Ontario
P7C 5G6

Dear Madam:

RE: Geophysical (Electromagnetic & Magnetometer) Survey
on Mining Claims TB 603911 et al in the Township of
Syne.

The Geophysical (Electromagnetic & Magnetometer) Survey assessment work credits as listed with my Notice of Intent dated August 5, 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 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1380

D. Kinvig:sc

cc: Micham Exploration Inc
403 - 595 Howe Street
Vancouver, B.C.
V6C 2C2

cc: Resident Geologists
Thunder Bay, Ontario



Ministry of
Natural
Resources

Aug 26/83

Your file:

Our file: 2.5200

1983 08 05

Mrs. Audrey Hayes
Mining Recorder
Ministry of Natural Resources
P.O. Box 5000
Thunder Bay, Ontario
P7C 5G6

Dear Madam:

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

cc: Micham Exploration Inc.
403 - 595 Howe Street
Vancouver, B.C.
V6C 2C2

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

Encls:



Ministry of
Natural
Resources

Notice of Intent
for Technical Reports

1983 08 05
2.5200

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.



Jan 28/83

Mining Lands Comments

To: Geophysics *Mr Barlow*

Comments

<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Wish to see again with corrections	Date <i>Feb 28/83</i>	Signature <i>Rye Blw</i>
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To: Geology - Expenditures

Comments

<input type="checkbox"/> Approved	<input type="checkbox"/> Wish to see again with corrections	Date	Signature
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To: Geochemistry

Comments

<input type="checkbox"/> Approved	<input type="checkbox"/> Wish to see again with corrections	Date	Signature
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To: Mining Lands Section, Room 6462, Whitney Block. (Tel: 5-1380)

282

2.5200

1982 11 29

Mrs. Audrey Hayes
Mining Recorder
Ministry of Natural Resources
P.O. Box 5000
Thunder Bay, Ontario
P7C 5G6

Dear Madam:

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 TB 603911 et al in the Township of Syfne.

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: Micham Exploration Inc
403-935 Howe Street
Vancouver, B.C.

cc: David B. Bell
Geological Services Inc
Box 1250
Timmins, Ontario

DAVID R. BELL GEOLOGICAL SERVICES INC.

251 THIRD AVE., SUITE 14
BOX 1250
TIMMINS, ONTARIO
P4N 7J5
(705) 264-4286

MINISTRY OF
NATURAL RESOURCES

'82 NOV 10

NOV 10 1982
RECEIVED

November 8, 1982.

RECEIVED

NOV 18 1982

MINING LANDS SECTION

Ministry of Natural Resources,
Mining Recorder Division
P.O. Box 5000,
Thunder Bay, Ontario.
P7C 5G6

Attention: Audrey Hayes

Dear Mrs. Hayes:

Enclosed please find two copies of the Geophysics
report for Micham Explorations Inc..

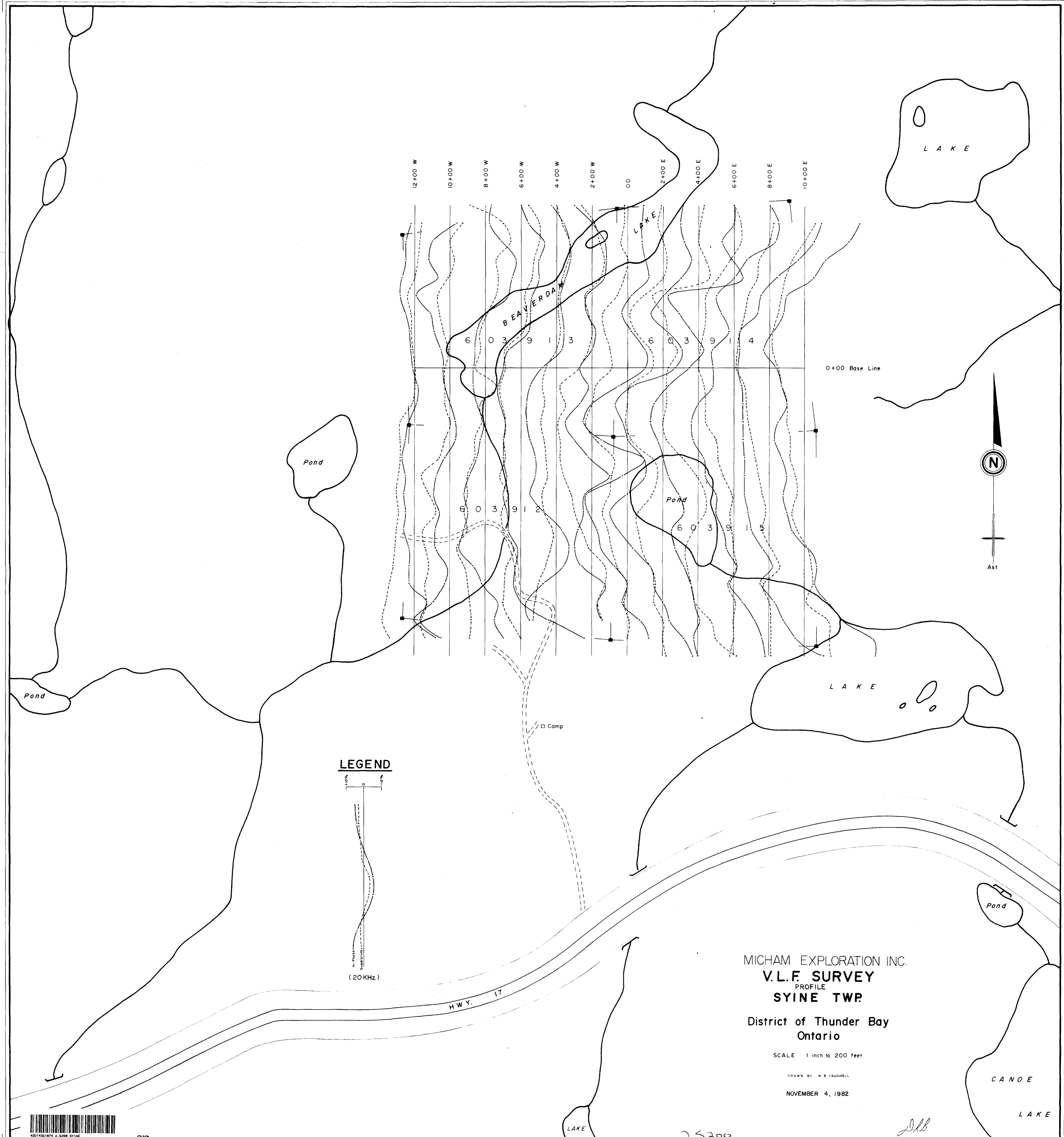
If there are any questions do not hesitate to contact
me.

Yours very truly,

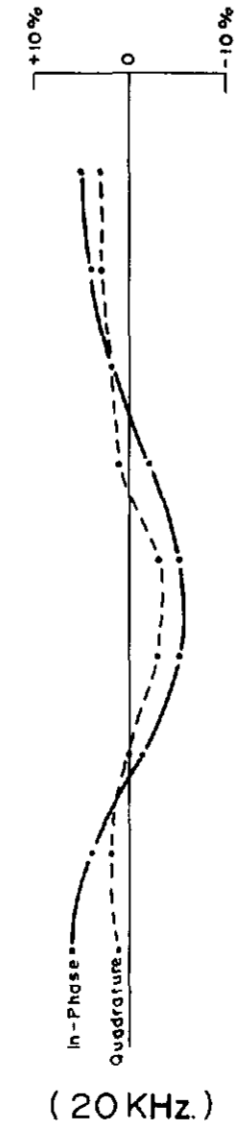


David R. Bell,
Consulting Geologist.

Encl.



LEGEND



MICHAM EXPLORATION INC.
V.L.F. SURVEY
 PROFILE
SYINE TWP
 District of Thunder Bay
 Ontario

SCALE : 1 inch to 200 feet

DRAWN BY W.B. CAUGHELL
 NOVEMBER 4, 1982

CANOE LAKE

LAKE



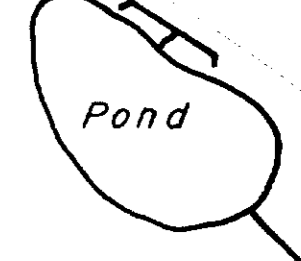
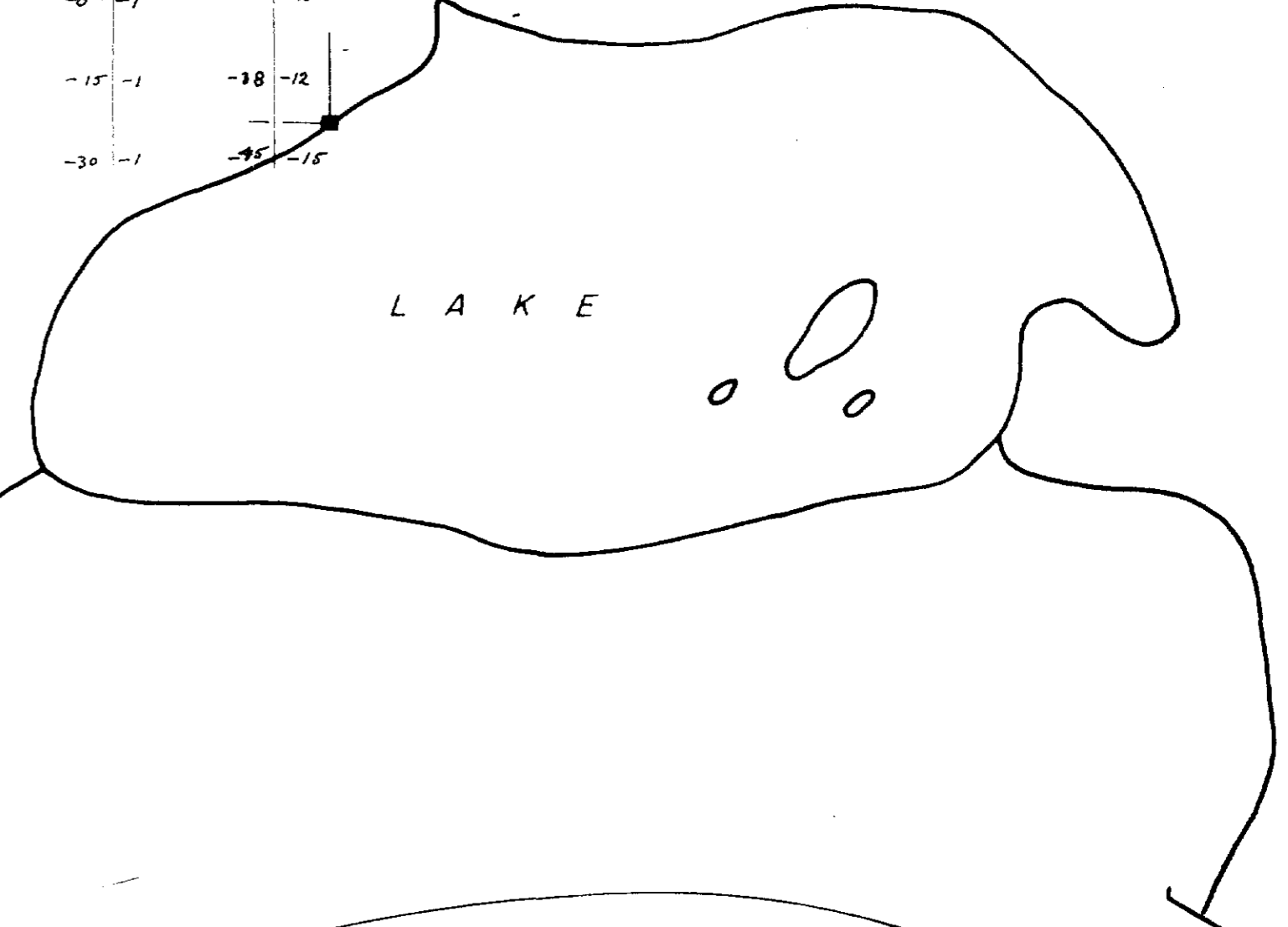
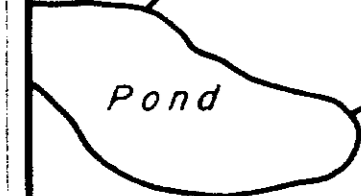
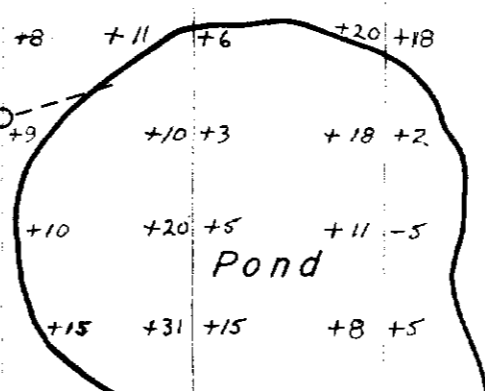
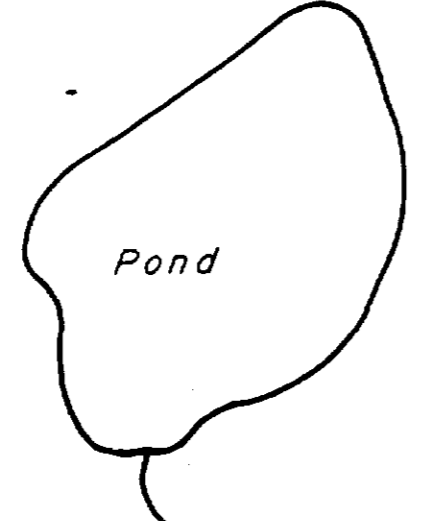
2.5200

Abb.

IN-PHASE READINGS PLOTTED LEFT OF LINE
 QUADRATURE READINGS PLOTTED RIGHT OF LINE

12+00 W	10+00 W	8+00 W	6+00 W	4+00 W	2+00 W	00	2+00 E	4+00 E	6+00 E	8+00 E	10+00 E	
+2 -4	-4 -8	-3 -10	-4 -10	-5 -4	0 -2	+10 +5	-9 +3	-12 +1	-20 -9	-20 0	-30 -2	-30 -4
+5 -3	+10 0	-3 -4	-13 -13	-8 -8	-7 -4	-9 +2	-10 -13	-20 -1	-24 -5	-15 0	-15 0	-15 0
+5 -2	+12 -2	-12 -7	-10 -7	-8 -7	-8 -7	-10 0	-17 -2	-19 -4	-7 +5	-13 +8	-12 +7	
+7 0	+7 +1	-15 -8	-10 -6	-5 -3	-7 -5	-12 +2	-10 0	-25 -7	0 0	-3 +8	-5 +11	
+8 +4	+19 +7	-13 -7	-7 -2	-2 -1	+3 +5	-1 +6	0 0	+18 +38	+10 +16	+7 +14	+12 +15	
+5 +2	+11 +6	-5 -2	-3 -1	+3 +2	+3 +15	+19 +7	+11 +20	+8 +16	+17 +17	+18 +18		
+3 +2	+9 +4	+5 +3	-5 -1	-2 -4	-2 0	-2 +15	-2 +17	+4 +18	+3 +17	+17 +18	+22 +18	
+3 +2	+5 +1	+7 +3	+8 +10	-3 0	0 0	-10 +10	-11 +8	-3 +13	+12 +19	+10 +18	+16 +15	
+2 0	+4 +3	+2 +4	+10 +9	+8 +5	+7 +7	+10 +9	-7 +7	+25 +18	+12 +20	+13 +18	+14 +15	
-2 0	+3 +3	+7 +6	+13 +11	+15 +8	+2 +18	+5 +18	+17 +19	+17 +18	+11 +17	+16 +14	+13 +13	
-1 +1	0 +3	+5 +3	+12 +10	+17 +7	+8 +15	+7 +20	+27 +30	+28 +18	+20 +15	+16 +14	+10 +10	
+3 +8	-3 0	+2 +3	+5 +9	+17 +9	+15 +19	+25 +29	+24 +32	+27 +20	+25 +16	+16 +14	+15 +10	
+5 +8	-3 +3	+3 +6	+10 +10	+15 +7	+10 +18	+15 +18	+20 +18	+23 +18	+23 +11	+16 +11	+17 +8	
+8 +8	+3 +6	+5 +6	+10 +9	+12 +6	+3 +18	-10 +8	+11 +16	+20 +18	+18 +10	+14 +8	+13 +8	
+5 +9	+8 +16	+3 +10	+8 +13	+12 +5	-12 +17	+3 +9	+10 +3	+18 +2	+17 +7	+16 +6	+10 +5	
+6 +10	+9 +12	+12 +10	+10 +7	+15 +8	+5 +12	+24 +10	+20 +5	+11 -5	+10 +1	+14 +4	+12 +4	
+5 +9	+6 +8	6 0	3 9	1 2	+7 +7	+5 +10	+22 +15	+8 +5	+10 +2	+12 +2	+10 +8	
+6 +10	+8 +15	+12 +12	+6 +10	-3 +2	+8 +6	+18 +11	+23 +14	6 0	3 3	9 1	5 10	+4 +7
+2 +11	+8 +14	+15 +17	+2 +5	-7 +3	+10 +2	+15 +10	+18 +12	+14 +7	+4 0	+3 -1	-2 -2	
+3 +12	+2 +12	+7 +12	+3 +8	-4 -6	+6 -7	+7 +6	+8 +8	+9 +7	-2 0	-3 0	-7 -4	
+3 +14	+3 +14	+2 +10	+4 +10	+7 +10	-7 -7	0 0	+5 +4	+4 +4	+3 +4	+8 +3	-5 -5	
-6 +16	+9 +13	-7 +8	0 +10	+17 +12	-3 -3	+4 +2	0 +6	+3 +3	-5 -1	-4 -0	-12 -1	
-3 +18	+20 +17	-5 +8	-16 +7	+12 +13	-5 -5	-7 -1	-4 0	-1 -8	-12 0	-8 -1	-20 -12	
-15 +13	-7 +13	-10 +9	-35 0									

0+00 Base Line



HWY. 17

MICHAM EXPLORATION INC.
 V.L.F. E.M.16 SURVEY
SYINE TWP
 District of Thunder Bay
 Ontario

SCALE: 1 inch to 200 feet

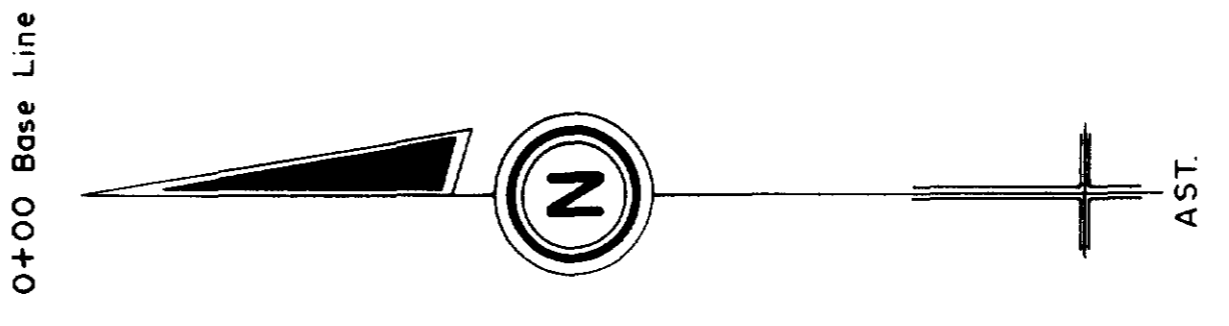
DRAWN BY: W.B. CAUGHELL

CANOE LAKE

D.A.B.



DLB

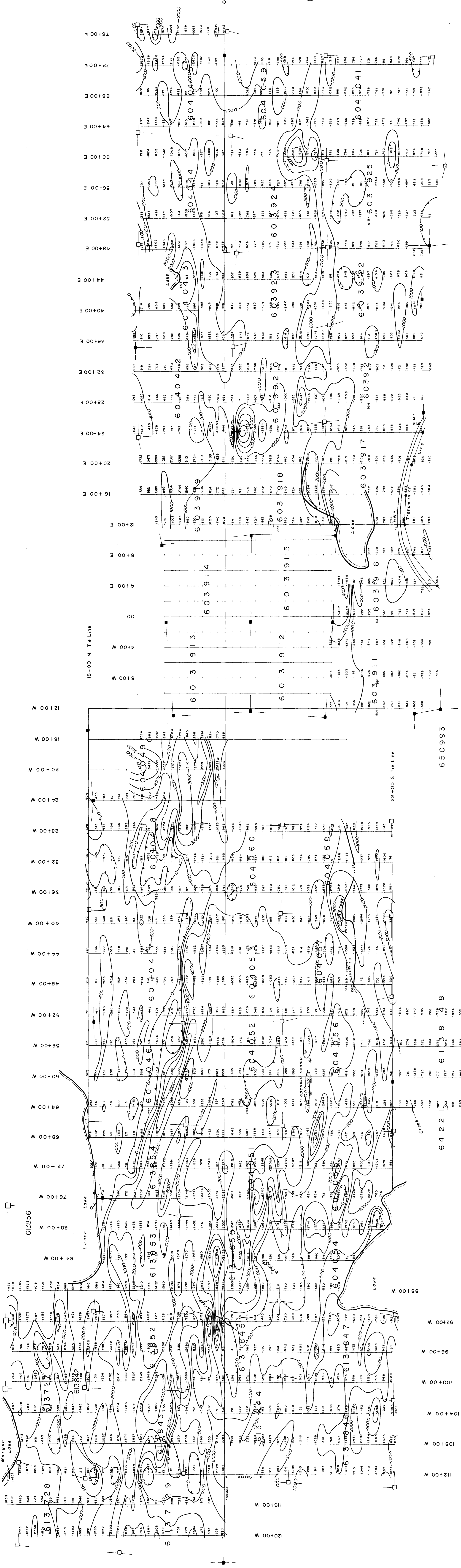


MICHAM EXPLORATION INC.
MAGNETIC SURVEY
Syne Twp.
Thunder Bay Mining Division

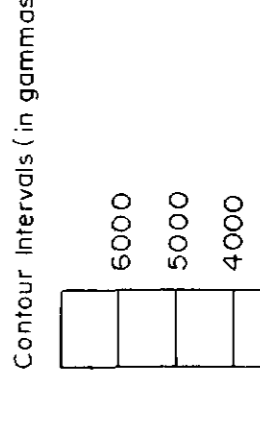
SCALE 1 inch to 400 feet
(1 : 4800)

NOVEMBER 4, 1992
DRAWN BY M.S. CLAPP

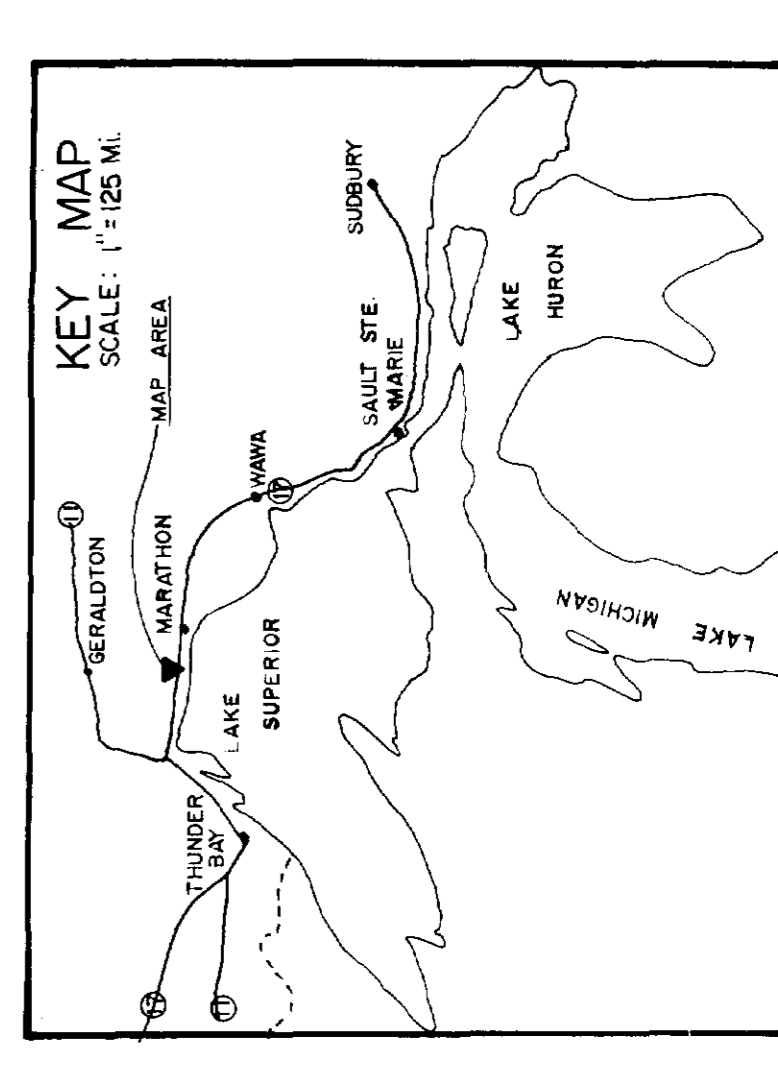
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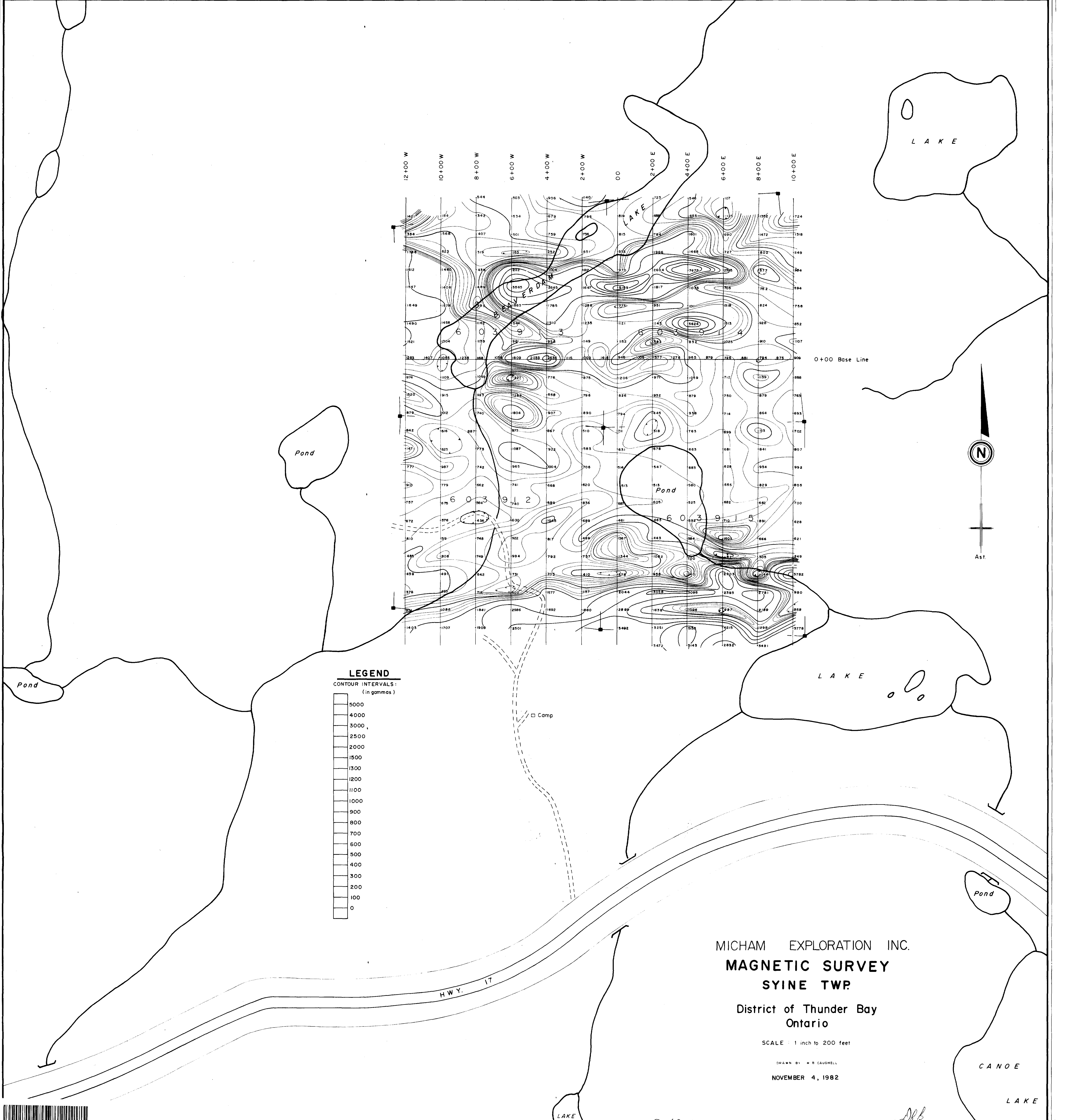


LEGEND



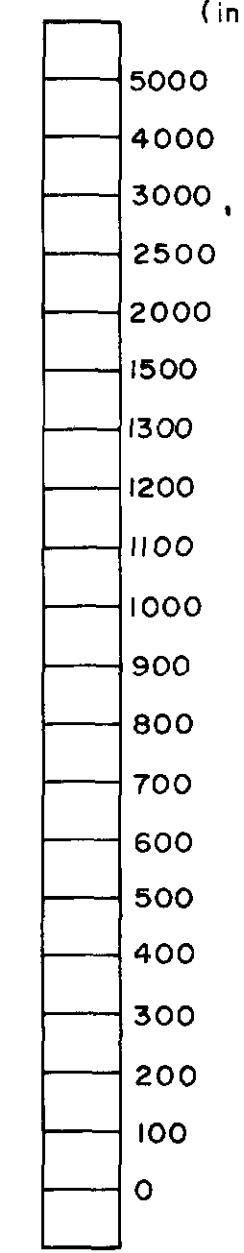
- CLAM POSTS LOCATED
- CLAIM POSTS ASSUMED POSITION





LEGEND

CONTOUR INTERVALS:
(in gammas)



□ Camp

MICHAM EXPLORATION INC.
MAGNETIC SURVEY
SYINE TWP.

District of Thunder Bay
Ontario

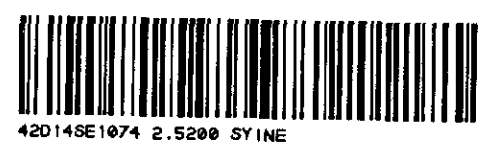
SCALE: 1 inch to 200 feet

DRAWN BY: W. B. CAUGHILL

NOVEMBER 4, 1982



Asl



LAKE

25200

ARB

LAKE