



NAREX Ore Search Consultants Inc.

4900 Sheppard Avenue East, Suite 208, Scarborough
Ontario, Canada M1S 4A7 Tel. (416) 293-2990



52J02570046 52J02570065 HANDCUFF LAKE

010

GEOPHYSICAL SURVEYS
ON

REGIS DEVELOPMENT CORP.
HOYLE RESOURCES INC.

STURGEON LAKE AREA CLAIMS
FOURBAY LAKE-HANDCUFF LAKE
PATRICIA MINING DIVISION
ONTARIO

By

Uldis Abolins, P.Eng.

Toronto, Ontario

November 1983.

Anal 2.221
RECEIVED

NOV 1 1983
MINING LAKE DISTRICT



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Magnetometer Survey	5
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Accompanying Maps: all at the Scale of 1 inch to 200 feet.

- Drawing #1: Magnetometer Survey
Block # 1- North Half
- Drawing #2: Electromagnetic Survey
Block # 1- North Half
- Drawing #3: Magnetometer Survey
Block # 1- South Half
- Drawing #4: Electromagnetic Survey
Block # 1- South Half
- Drawing #5: Magnetometer Survey
Block # 2.
- Drawing #6: Electromagnetic Survey
Block # 2.



INTRODUCTION:

Regis Development Corporation and Hoyle Resources Inc. each have a 50 % interest in a property of 33 claims in the King Bay area of Sturgeon Lake. The King Bay area came into prominence this year with the announcement by Steep Rock Iron Mines Ltd. of the discovery of high-grade gold over substantial widths in brecciated quartz veins. The quartz veins apparently are conformable with bedding in pillow lavas and carry enough sulphides on the walls to show up as weak VLF anomalies.

PROPERTY:

The property of 33 claims consists of two blocks and is situated in the Handcuff Lake Area Map No M-3296 and Fourbay Lake Area Map No M-2879.

Block # 1:

The claim numbers are:

Pa 668475 to 668480 inclusive

Pa 668524 to 668529 inclusive

Pa 668571 to 668584 inclusive

All 26 claims were recorded on February 7, 1983.

Block #2:

The claim numbers are:

Pa 668530 to 668536 inclusive. All 7 claims recorded on February 7, 1983.

LOCATION AND ACCESS:

The property straddles Highway # 599 approximately 90 km northeast of Ignace which is situated on Trans-Canada Highway # 17. The claims are found in the vicinity of Cobb Bay on Sturgeon Lake. The claim maps covering the area are Area of Handcuff Lake M-3296 and Area of Fourbay Lake M-2879.

Access to the claims is excellent as Highway # 599 passes through the centre of both claim blocks. Numerous logging



roads running off the highway provide further access to the individual claims.

SURVEY AND INSTRUMENT DATA:

The surveys were conducted over previously cut north-south lines, spaced at 300 foot intervals from east-west oriented base lines. The 300 foot spacing was used as short and weak conductors were anticipated. A total of 163,200 feet or 30.9 miles of line, tie lines and base line were cut on Block # 1 and 38,800 feet or 7.3 miles of lines and base line on Block # 2.

(a) MAGNETOMETER SURVEY:

The magnetometer survey was carried out with a Geometrics "Unimag I" portable proton magnetometer. This type of magnetometer utilizes the precession of spinning protons or nuclei of the hydrogen atom in a sample of hydrocarbon fluid to measure the total magnetic intensity.

These spinning protons behave as small spinning dipoles which are temporarily aligned or polarized by the application of a uniform magnetic field generated by a current in a coil of wire. When the current is removed, the spin of the proton causes them to precess about the direction of the ambient or earth's magnetic field. The precessing proton then generates a small signal in the same coil used to polarize it, a signal whose frequency is precisely proportional to the total magnetic field intensity and independent of the orientation of the coil (sensor of the magnetometer). Operation of the instrument is simple: one simply presses a button and reads the number for the total magnetic field strength in gammas, with a sensitivity of + 10 gammas. Readings were taken every 100 feet along grid lines and every 50 feet in anomalous areas for a total of 2226 readings.

Readings along the base line serve as a standard to make the necessary corrections to compensate for the diurnal variations of the local magnetic field.

(b) ELECTROMAGNETIC SURVEY:

The electromagnetic survey was carried out using a "Geonics" EM-16 unit. The EM-16 is a sensitive receiver covering the frequency of the V.L.F. (very low frequency), transmitting stations, with a means of measuring the vertical field components. The VLF transmitting stations operating for



communication with submarines have a vertical antenna. The antenna current is thus vertical, creating a concentric horizontal magnetic field around them. When these magnetic fields meet conductive bodies in the ground, secondary fields are set up radiating from these bodies. The EM-16 equipment measures the vertical component of these secondary fields.

The receiver has two inputs with the receiving coils built into the instrument. One coil has a normally vertical axis and the other, a horizontal one. Secondary fields caused by conductive bodies are, therefore, measured by the EM-16 by the angle of dip on the instrument and by measured percentage of the quadrature component (out of phase component) to give a null signal. Any deviation from the null position is indicative of a secondary field and, therefore, of a possible conductive body.

The transmitting stations for this survey were NLK (18.6 kHz) Seattle, Washington for Block # 1 and NAA (17.8 kHz) Cutler, Maine, U.S.A. Readings were taken every 100 feet along the picketed lines and every 50 feet in anomalous areas for a total of 2,070 readings.

DISCUSSION OF RESULTS:

(a) Magnetometer Survey:

The magnetometer survey shows a general east-west trend. The area as a whole has a generally low magnetic relief with a few areas of higher magnetic relief probably due to the occasional lean iron formation or mineralized tuff, shear zone or diabase dike. The northeast part of the property or claim Block # 2 shows more a variable relief. A few of the magnetic highs of several hundred gammas parallel VLF conductors but are always very lensoid. No distinct cross-cutting trend can be noted from the survey though weakly magnetic diabase dikes were noted scattered throughout the area.

Geological prospecting on the property shows the area to be underlain by a thick sequence of pillowed andesites with acid pyroclastics and flows on the southern part of the property. The magnetic highs are generally all in overburden covered areas. One magnetic high and a magnetic low were found to correspond to a lean iron formation.

(b) Electromagnetic Survey:

On claim Block # 1, the survey detected seven poor conductors or conductive zones plus a number of single line and



overburden crossovers.

On Block # 2, four weak conductors as well as a number of overburden conductors were detected. A few of the conductors are quite strong on the in-phase response. All the conductors are east-west striking and apparently occur in overburden covered, generally low lying areas.

BLOCK # 1:

Conductor A-A':

It is a poor conductor traceable from L18W to 0+00 at approximately 37.00N and is open to the east. The conductor shows a break in the strike direction on L6W. The best cross-over occurs on L 12W where it is a moderate and broad conductor with a -26 degree to +34 degree peak to peak amplitude. It has a flanking magnetic low on two lines.

Conductor B:

This conductor is traceable from L24W to L9W at approximately 28.00N. It is a broad, weak and variable conductor. The best cross-over is on L18W where it is -14 degrees to +20 degrees peak to peak. There is an associated flanking 800 gammas magnetic anomaly at the west end.

Conductor C:

This conductor is traceable from L15W to L9W at approximately 20.00N. It may be open to the east where a hydro line interferes with the readings. A strong magnetic anomaly is present on strike to the east. The best cross-over is on L12W, being -45 degrees to +30 degrees peak to peak.

Conductor D:

A poor and broad conductor found on L3W and L0+00 at approximately 13.00N and may be open to the east. On L3W it shows moderate conductivity on both in-phase and quadrature readings. There is no associated magnetic anomaly.

Conductor E:

This is a multiple and variable conductive zone traceable from L27W to L18E at approximately 6.00S. The conductive zone is further complicated by two hydro lines and drainage pattern. It is generally a very poor conductor but shows strong response over a wide area. There is no associated or flanking magnetic anomaly.

Conductor F:

This poor and broad conductor is traceable from L24W to L15W at approximately 16.00S. It is open to the east into Cobb



Bay. A flanking magnetic anomaly of 400 gammas is present on L12W.

Conductor G:

This conductor is traceable from L36W to L24W at approximately 33.00S. The conductor is open to the east into Cobb Bay and appears to be on strike with a weak airborne electromagnetic anomaly. The conductor shows a displacement of the cross-over to the south of L30W, but this apparently is due to a chainage error. The conductor is poor and broad, but shows good strength (-43 degrees to +44 degrees peak to peak) on the in-phase readings. There is an associated magnetic low with the conductor.

BLOCK # 2:

Conductor A:

This conductor is traceable across the entire claim block, from L30+80W to L0+00, along the north boundary of the claims and is open at both ends. The conductor is poorly conductive and quite variable in strength.

Conductor B:

This conductor is traceable across the entire claim block. It is a poor conductor, but it is very strong on the in-phase readings at the east end. The strongest cross-over is on L3W at 9+30S, where it is -78 degrees to +67 degrees peak to peak. An associated and/or flanking magnetic up to 400 gammas is sporadically present along the entire strike length.

Conductor C:

This conductor is traceable from L30+80W to L15W at approximately 2+00S. It is probably open to the east where the highway hydro line interferes with the readings. It is a poor, broad, and variable conductor with an associated and/or flanking magnetic high and low anomaly of several hundred gammas.

Conductor D:

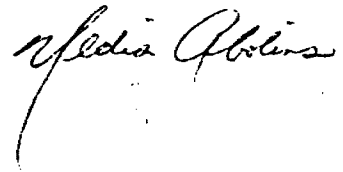
This conductor is traceable from L30+80W to L9W at approximately 5+00N. It is a poor structural type of conductor with one line (L18W) showing moderate conductivity. The cross-over on L18W, which is -21 degrees to +20 degrees is situated over a lean iron formation gossan. An associated and/or flanking magnetic high and low anomaly of several hundred gammas is sporadically present along the strike length.



CONCLUSIONS AND RECOMMENDATIONS:

The geophysical surveys show the presence of eleven anomalous zones on the property which need some form of follow-up. The magnetometer survey shows the presence of a few magnetic highs and lows of up to 400 gammas. The magnetic anomalies are continuous only over several lines but form an east-west trend parallel to the strike of the VLF anomalies and the strike of the pillowed andesites and acid pyroclastics. The VLF-EM 16 survey shows the presence of eleven poor structural type conductors, which are generally quite variable over their strike length. The conductors are quite strong over very short distance (one line) such as Conductor B, Block # 2, which is -78 degrees to +67 degrees on L3W. Short magnetic anomalies of several hundred gammas are frequently present. Geophysical results such as obtained on this survey can be expected from mineralized lenses in shear zones or in tuffs or from lensoid lean iron formations. A vertical loop survey to detail the best cross-overs in a search for massive sulphide lenses combined with geological prospecting to attempt to explain some of the conductive zones is recommended prior to a drill programme.

UA/





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 - magnetometer
Township or Area Handcuff Lake - Fourbay Lake
Claim Holder(s) Regis Development Corp
Hoyle Resources Inc.
Survey Company Northwest Geophysics Ltd - Thunder Bay
Author of Report Uldis Abolins
Address of Author 340 Burnett Ave., Willowdale, Ont
Covering Dates of Survey July 8/83 - Aug. 27/83
(linecutting to office)
Total Miles of Line Cut 38.2

MINING CLAIMS TRAVERSED
List numerically

Prefix	Number
P7	668475
P3	668476
P3	668477
P3	668478
P3	668479
P3	668480
P3	668524
P3	668525
P3	668526
P3	668527
P3	668528
P3	668529
P3	668530
P3	668531
P3	668532
P3	668533
P3	668534
P3	668535
P3	668536
P3	668571
P3	668572
P3	668573
TOTAL CLAIMS <u>33</u>	

If space insufficient, attach list

SPECIAL PROVISIONS CREDITS REQUESTED	DAYS per claim
Geophysical	
- Electromagnetic	<u>40</u>
- Magnetometer	<u>20</u>
- Radiometric	_____
- Other	_____
Geological	_____
Geochemical	_____

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)
Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)
DATE: Nov. 10/83 SIGNATURE: [Signature]
Author of Report or Agent

Res. Geol. _____ Qualifications D 221

Previous Surveys			
File No.	Type	Date	Claim Holder

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations 2226 Number of Readings 2226 x 1 11436
 Station interval 50 - 100 ft. Line spacing 300 ft
 Profile scale —
 Contour interval 100 ft

MAGNETIC

Instrument Geometrics # 836 mag.
 Accuracy - Scale constant 10 ft
 Diurnal correction method Base line stations + Tie Lines
 Base Station check-in interval (hours) every hour on base line
 Base Station location and value major base station Block #2 (left) L 1316 105
724 ft

ELECTROMAGNETIC

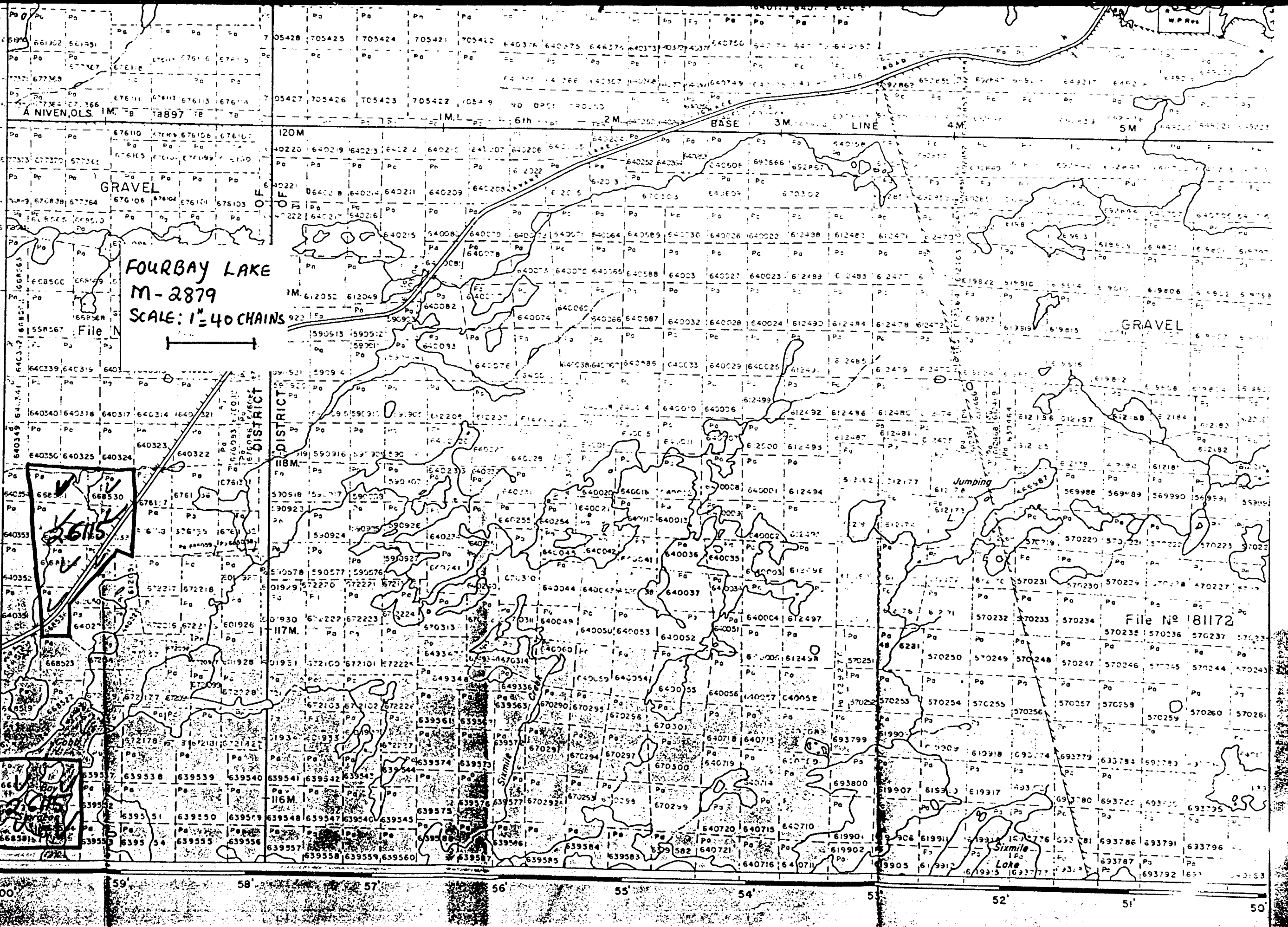
Instrument Geonics EM-16
 Coil configuration —
 Coil separation —
 Accuracy ± 1°
 Method: Fixed transmitter Shoot back In line Parallel line
 Frequency Block #1 NLK (18.6 KHz.) Block #2 NAA (17.8 KHz.)
(specify V.L.F. station)
 Parameters measured in phase and quadrature

GRAVITY

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

INDUCED POLARIZATION 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 —



FOUR BAY LAKE
M-2879
SCALE: 1" = 40 CHAINS

GRAVEL

GRAVEL

File No 181172

91°00' 59' 58' 57' 56' 55' 54' 53' 52' 51' 50'

To

Report of Work
 Geophysical Survey
 Geological and/or Expended

#83-125

Instructions
 Note - Only days credits entered in the "Expenditure" section may be entered in the "Expend. Days Cr." columns. Do not use shaded areas for this.

Mining Lands

The Mining Act 2.6115

Claim Holder(s): James Alexander King
 Address: 600-510 West Beaver St, London, Ont. L6C 1S9
 Survey Company: Geophysical Ltd - Thunder Bay
 Date of Survey (from & to):
 Day | Mo. | Yr. | Day | Mo. | Yr. | Total Miles of line Cut: 35.2
 Name and Address of Author (of Geo-Technical report):
Uldis Abelin's, 340 Burnett Ave, Willowdale, North York, Ont. M2N 1G4

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	40
	- Magnetometer	10
	- Radiometric	
	- Other	
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	Days per Claim
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
P3	668475	60	P3	668575	60
	668476	60		668576	60
	668477	60		668577	60
	668478	60		668578	60
	668479	60		668579	60
	668480	60		668580	60
	668524	60		668581	60
	668525	60		668582	60
	668526	60		668583	60
	668527	60		668584	60
	668528	60			
	668529	60			
	668530	60			
	668531	60			
	668532	60			
	668533	60			
	668534	60			
	668535	60			
	668536	60			
	668571	60			
	668572	60			
	668573	60			
	668574	60			

PATRICIA MINING DIV.
RECEIVED
 DEC 12 1988
 A.M. 7 8 9 10 11 12 P.M. 1 2 3 4 5 6

Expenditures (excludes power stripping)
 Type of Work Performed: Geophysical
 Performed on Claim(s): MINING LANDS SECTION
 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.

P. 668469
 Total number of mining claims covered by this report of work: 33
 For Office Use Only
 Total Days Cr. Recorded: 1980
 Date Recorded: Dec. 12, 1983
 Date Approved as Recorded:
 Mining Recorder:
 Branch Director:

Date: Apr 14/83
 Recorded Holder or Agent (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:
Uldis Abelin's, 340 Burnett Ave, Willowdale - North York, Ontario M2N 1G4
 Date Certified: Apr 14/83
 Certified by (Signature):



Ontario

Ministry of
Natural
Resources

Technical Assessment
Work Credits

File 2.6115

Date 1984 04 12

Mining Recorder's Report of
Work No 83-125

Recorded Holder JAMES LEONARD KING

Township or Area HANDCUFF & FOURBAY LAKES AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical 40	PA 668475 to 80 inclusive 668524 to 36 inclusive 668571 to 74 inclusive 668577 to 79 inclusive
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 type="checkbox"/> Ground <input 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

<u>30 DAYS ELECTROMAGNETIC & 15 DAYS MAGNETOMETER</u>	<u>20 DAYS ELECTROMAGNETIC & 10 DAYS MAGNETOMETER</u>
PA 668575	PA 668580 668582

No credits have been allowed for the following mining claims

<input checked="" type="checkbox"/> not sufficiently covered by the survey	<input type="checkbox"/> Insufficient technical data filed
PA 668576 668581 668583-84	

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;
828 (83/6)

Pa 668574

Pa 668575

Pa 668576

Pa 668577

Pa 668578

Pa 668579

Pa 668580

Pa 668581

Pa 668582

Pa 668583

Pa 668584



Ministry of
Natural
Resources

Geotechnical
Report
Approval

File
2.6115

Mining Lands Comments

-okay-

To: Geophysics *Mr. R. Barlow*

Comments

Approved

Wish to see again with corrections

Date

Jan 21 / 84

Signature

R Barlow

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)

Initial Check

M. Anderson Jan 16, 84

Assessed

27/2/84 D.K.

Approved Reports of Work
sent out

Notice of Intent filed

Approval after Notice of Intent
sent out

Duplicate sent to Resident
Geologist

Duplicate sent to A.F.R.O.



April 27/84

1984 04 12

Our File: 2.6115
Your File: 83-125


Mr. Albert Hanson
Mining Recorder
Ministry of Natural Resources
P.O. Box 309
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 416/965-6918.

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

D. Kinvig:mc

Encls.

cc: James Leonard King
Apt 106
678 West 45th Avenue
Vancouver, B.C.
V5Z 2P6

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



Ministry of
Natural
Resources

Ontario

Notice of Intent
for Technical Reports

1984 04 12

2.6115/83-125

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.

2.6115

1984 05 04

Our File: 2.6115
Your File: 83-125

Mr. Albert Hanson
Mining Recorder
Ministry of Natural Resources
P.O. Box 309
Sioux Lookout, Ontario
POV 2T0

Dear Sir:

RE: Geophysical (Electromagnetic & Magnetometer)
Survey on Mining Claims PA 668475 et al in
the Areas of Handcuff and Fourbay Lakes

The Geophysical (Electromagnetic and Magnetometer Survey
assessment work credits as listed with my Notice of Intent
dated April 12, 1984 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

D. Kinvig:mc

cc: James Leonard King
Apartment 106
678 West 45th Avenue
Vancouver, B.C.
V5Z 2P6

cc: Resident Geologist
Sioux Lookout, Ontario

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

1983 12 09

Our File: 2,6115

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 & Magnetometer) Survey submitted under Special Provisions (credit for Performance & Coverage) on Mining Claims PA 668475 et al in the Areas of Hancock and Fourbay Lakes.

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

A. Barr:sc

cc: James Leonard King
Apt #106
678 West 45th Avenue
Vancouver, B.C.
V5Z 2P6

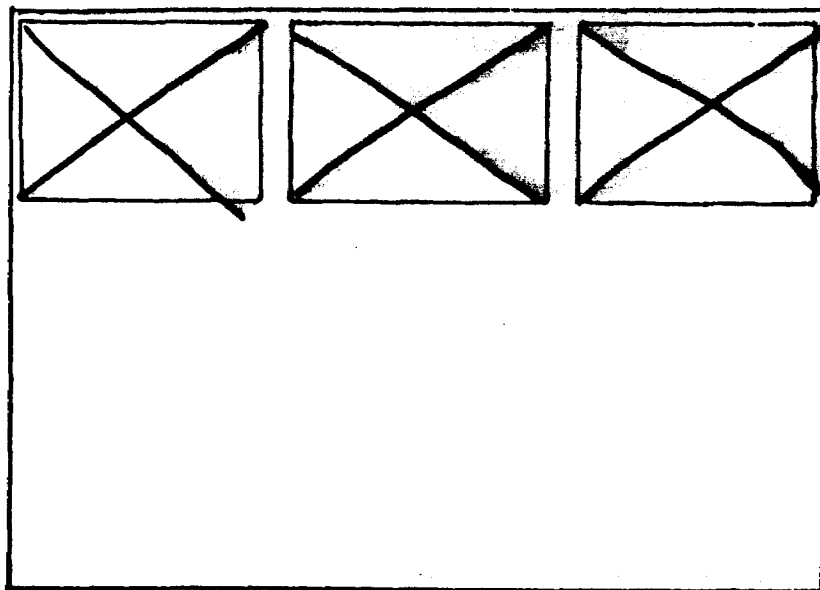
cc: Uldis Abolins
340 Burnett Avenue
Willowdale, Ontario
M2H 1W4

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS

52J/02SW-0065# 1-3

LOCATED IN THE MAP
CHANNEL IN THE
FOLLOWING SEQUENCE

(X)

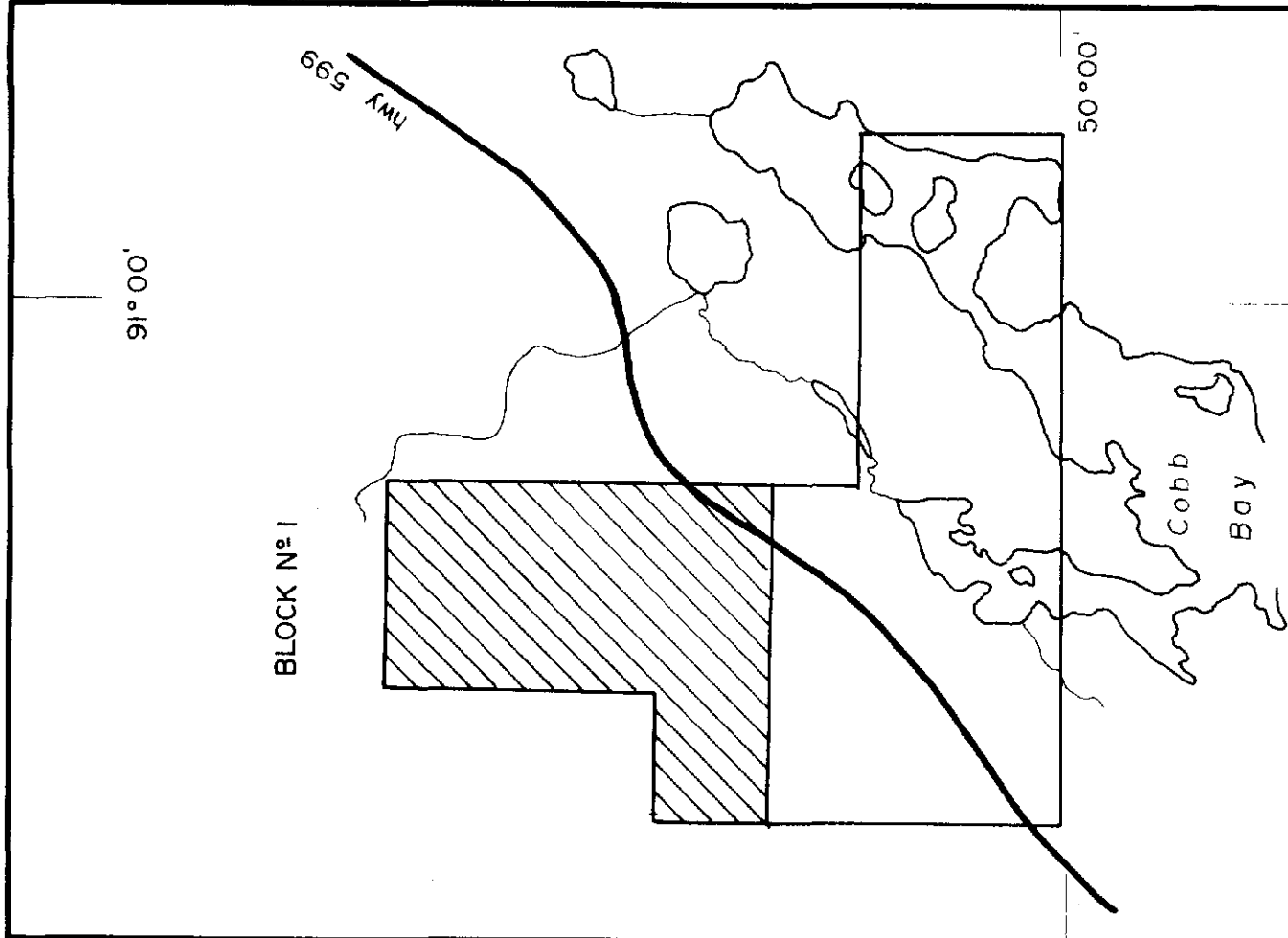


FOR ADDITIONAL

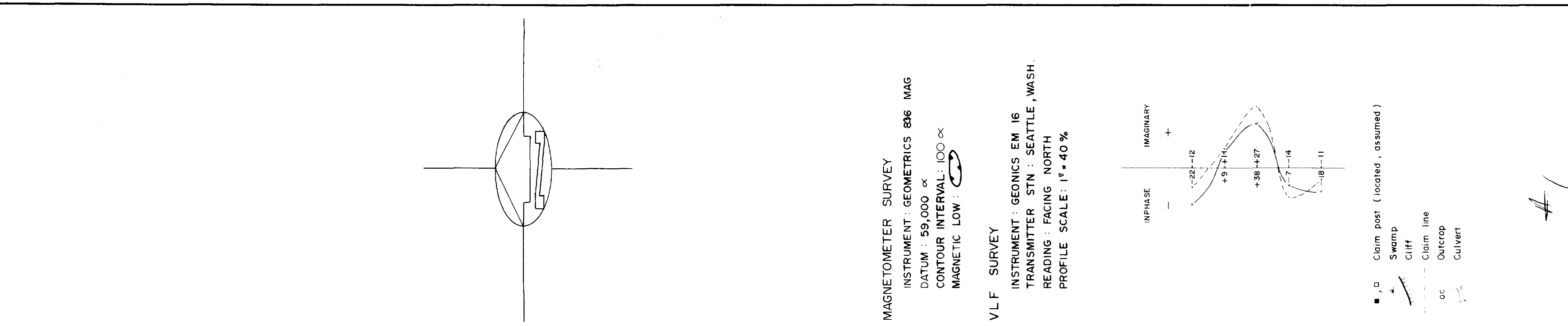
INFORMATION

SEE MAPS:

52J/02SW-0065 # 4-6

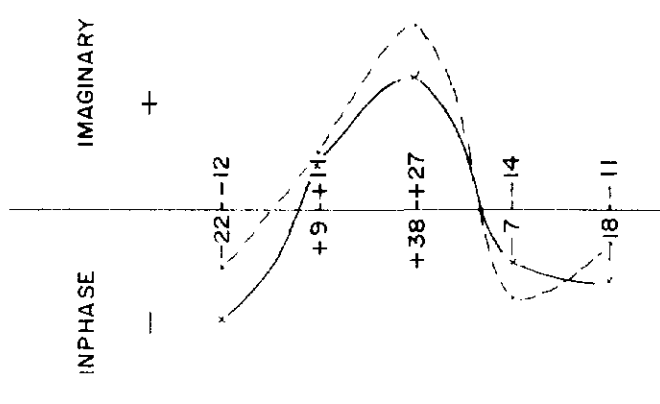


Scale: 1" = 1/2 mile
N.T.S. 52-J-3



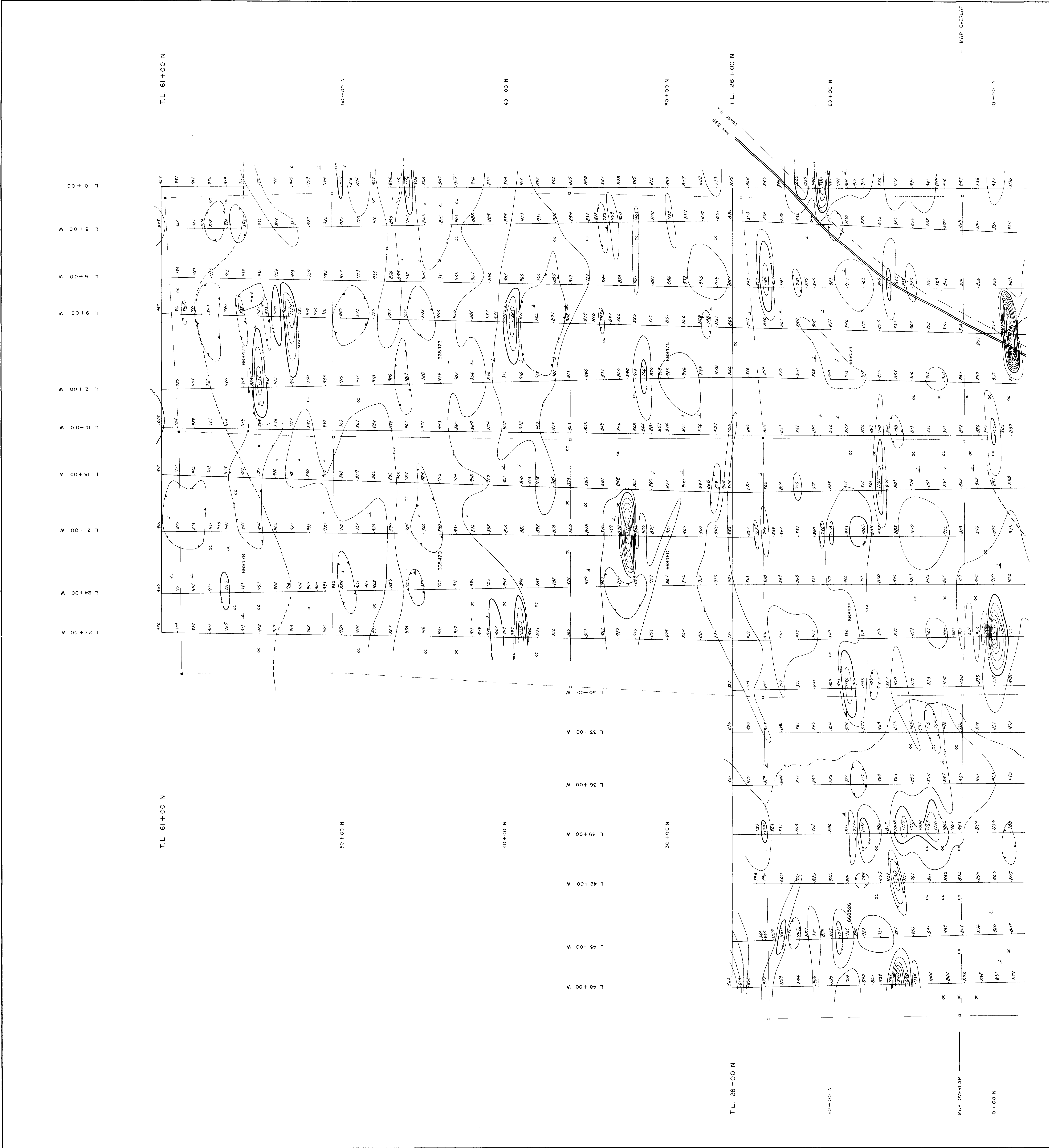
MAGNETOMETER SURVEY
INSTRUMENT: GEOMETRICS 806 MAG
DATUM: 59,000 m
CONTOUR INTERVAL: 100 m
MAGNETIC LOW:

VLF SURVEY
INSTRUMENT: GEONICS EM 16
TRANSMITTER STN: SEATTLE, WASH.
READING: FACING NORTH
PROFILE SCALE: 1" = 40 %



MAP OVERLAP
MAP OVERLAP
MAP OVERLAP

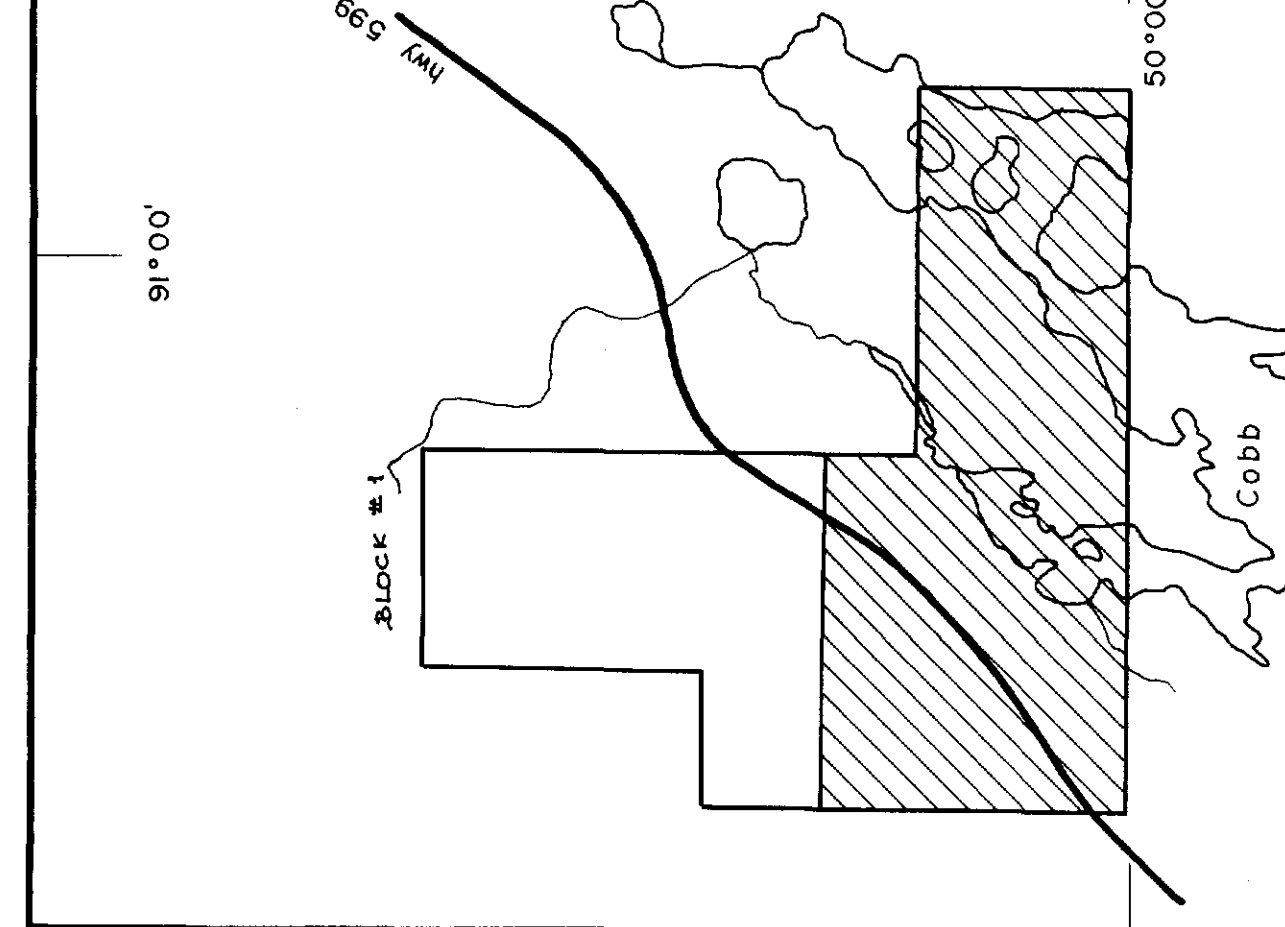
NORTHWEST GEOPHYSICS LTD.
THUNDER BAY, ONT.
GEOPHYSICAL SURVEY
COBB BAY AREA (GROUP B)
REGIS DEVELOPMENT CORP. LTD.
VANCOUVER, B.C.
DATE: AUGUST 1, 1983
SCALE: 1 inch = 200 feet
DRAWN BY: [Signature]
CHECKED BY: [Signature]



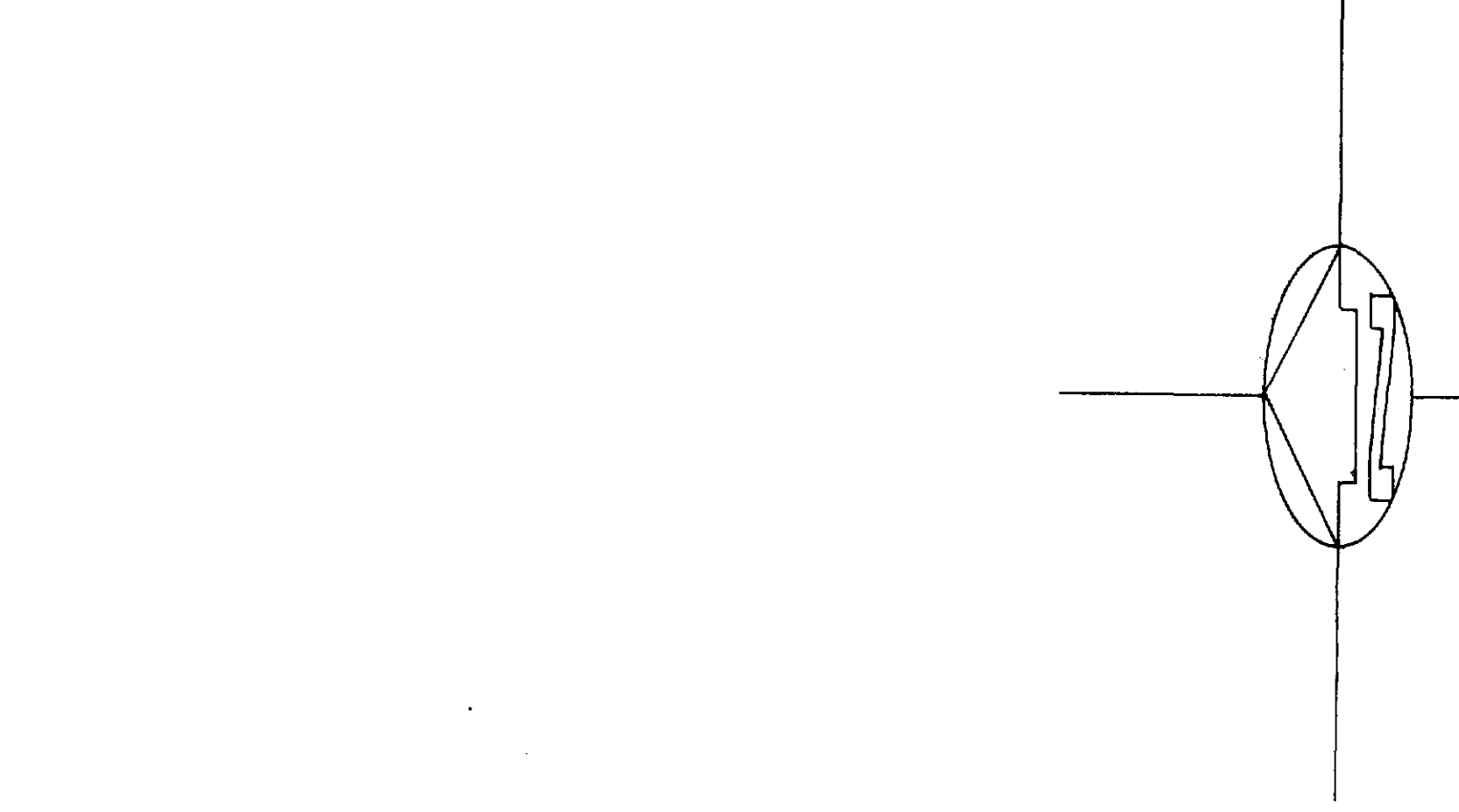
52J/02SW-0065 #1

[Signature]



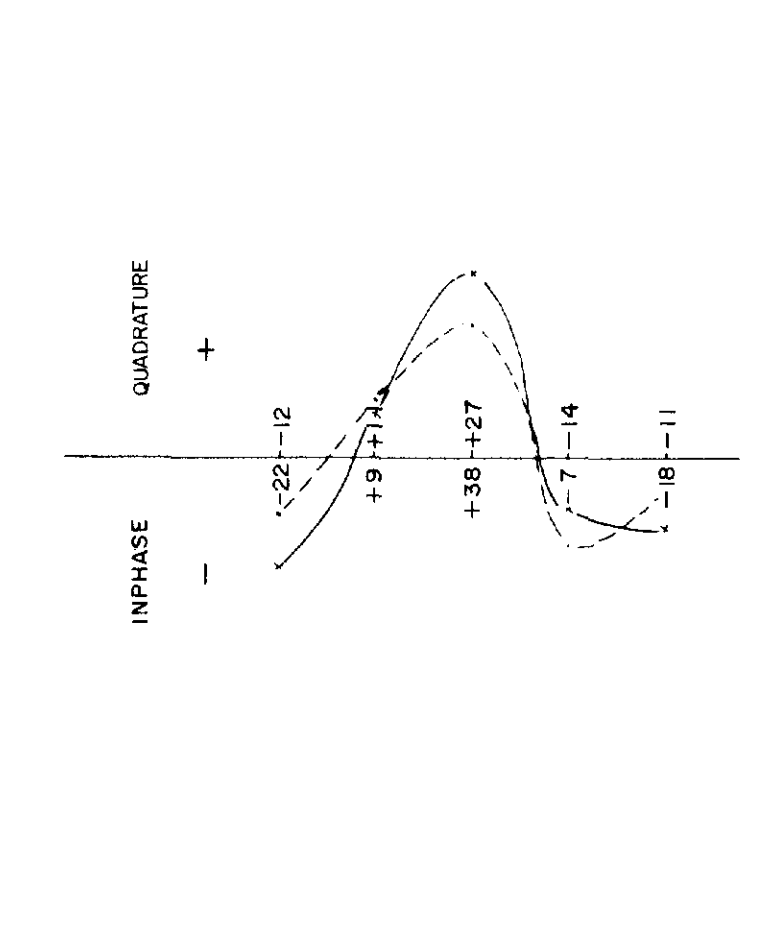


Scale: 1" = 1/2 mile
N.T.S. 52-J-3



MAGNETOMETER SURVEY
INSTRUMENT: GEOMETRICS 896 MAG
CONTOUR INTERVAL: 100
MAGNETIC LOW:

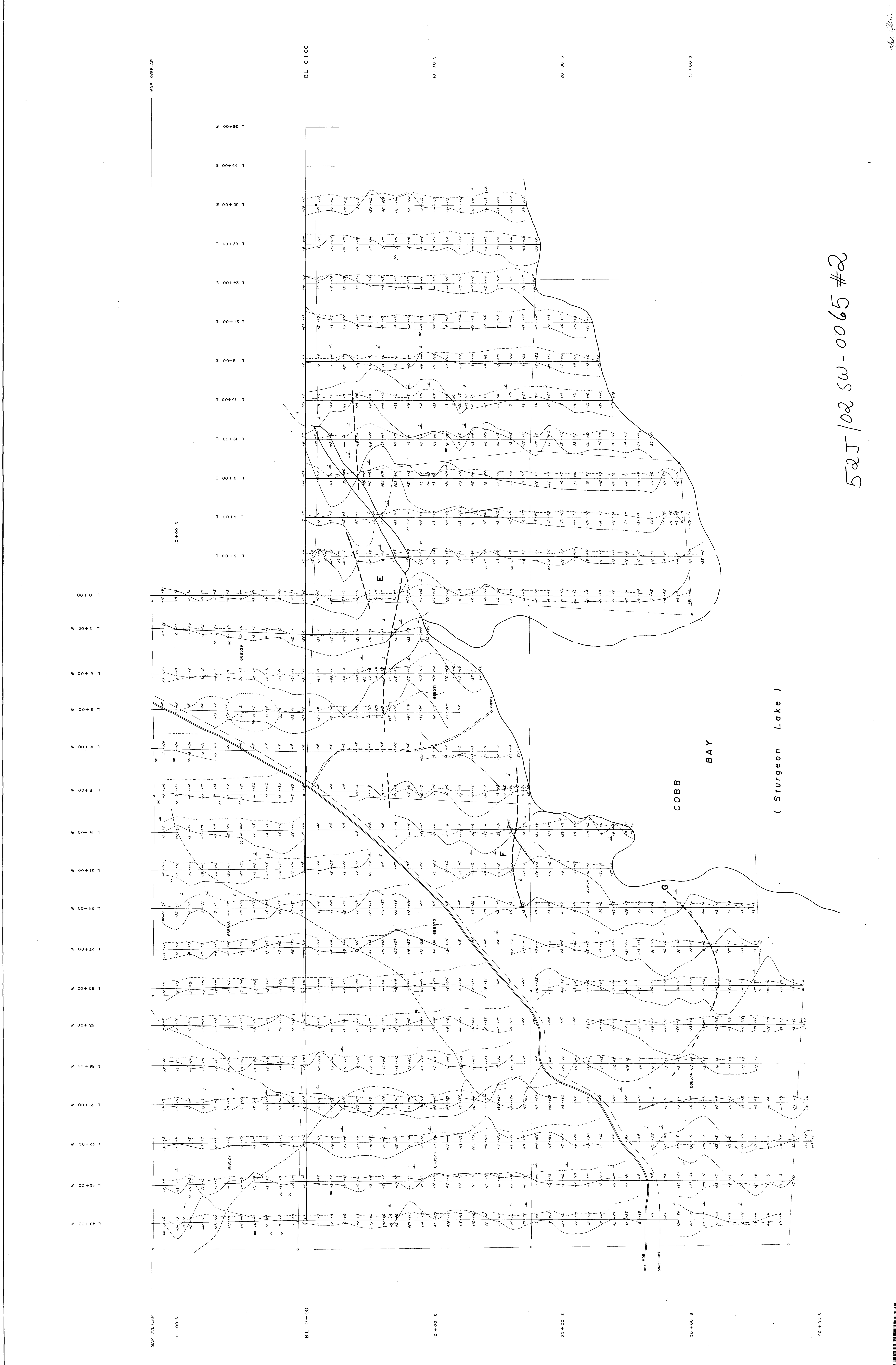
VLF SURVEY
INSTRUMENT: GEONICS EM 16
TRANSMITTER STN: SEATTLE, WASH.
READING: FACING NORTH
PROFILE SCALE: 1" = 40'
--- CONDUCTOR AXIS



Claim post (located, assumed)
 Swamp
 Cliff
 Ditch
 Line
 Contour
 Culvert

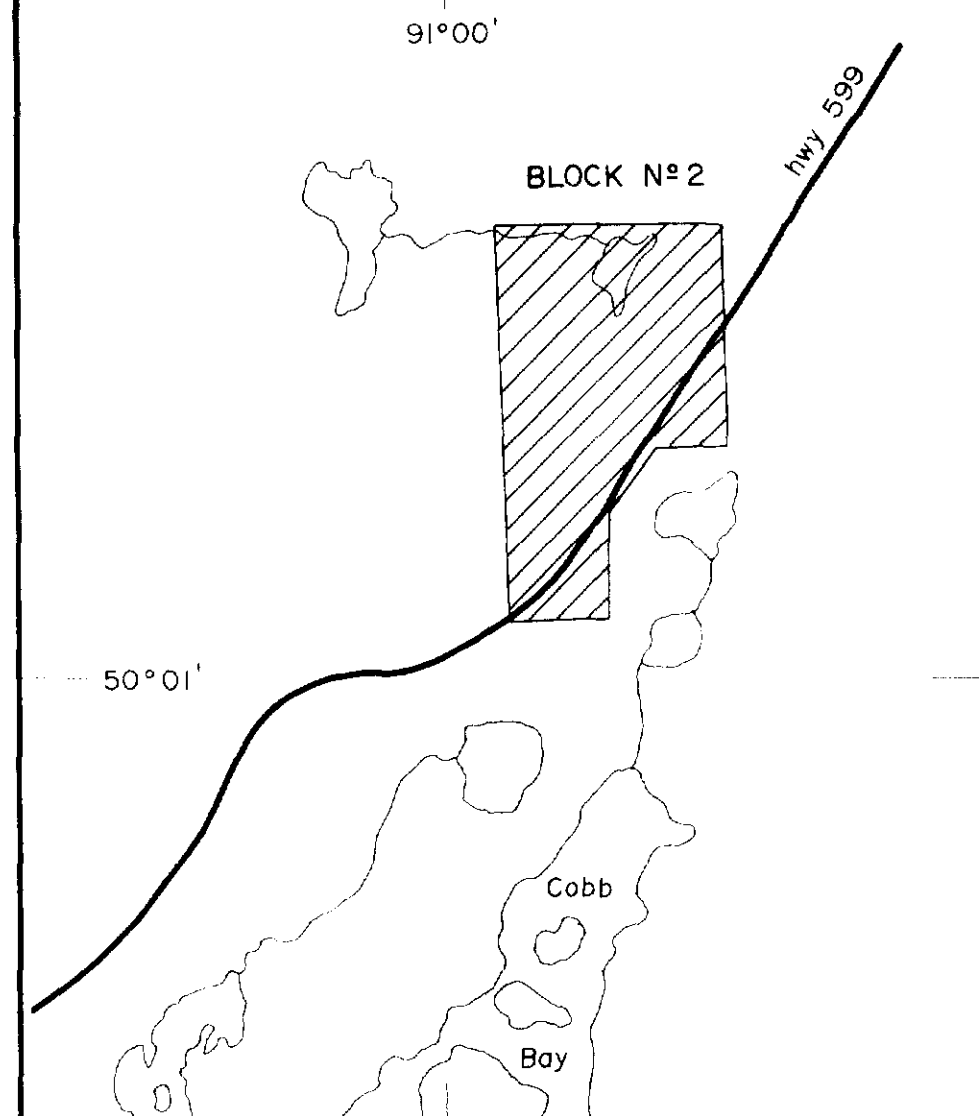
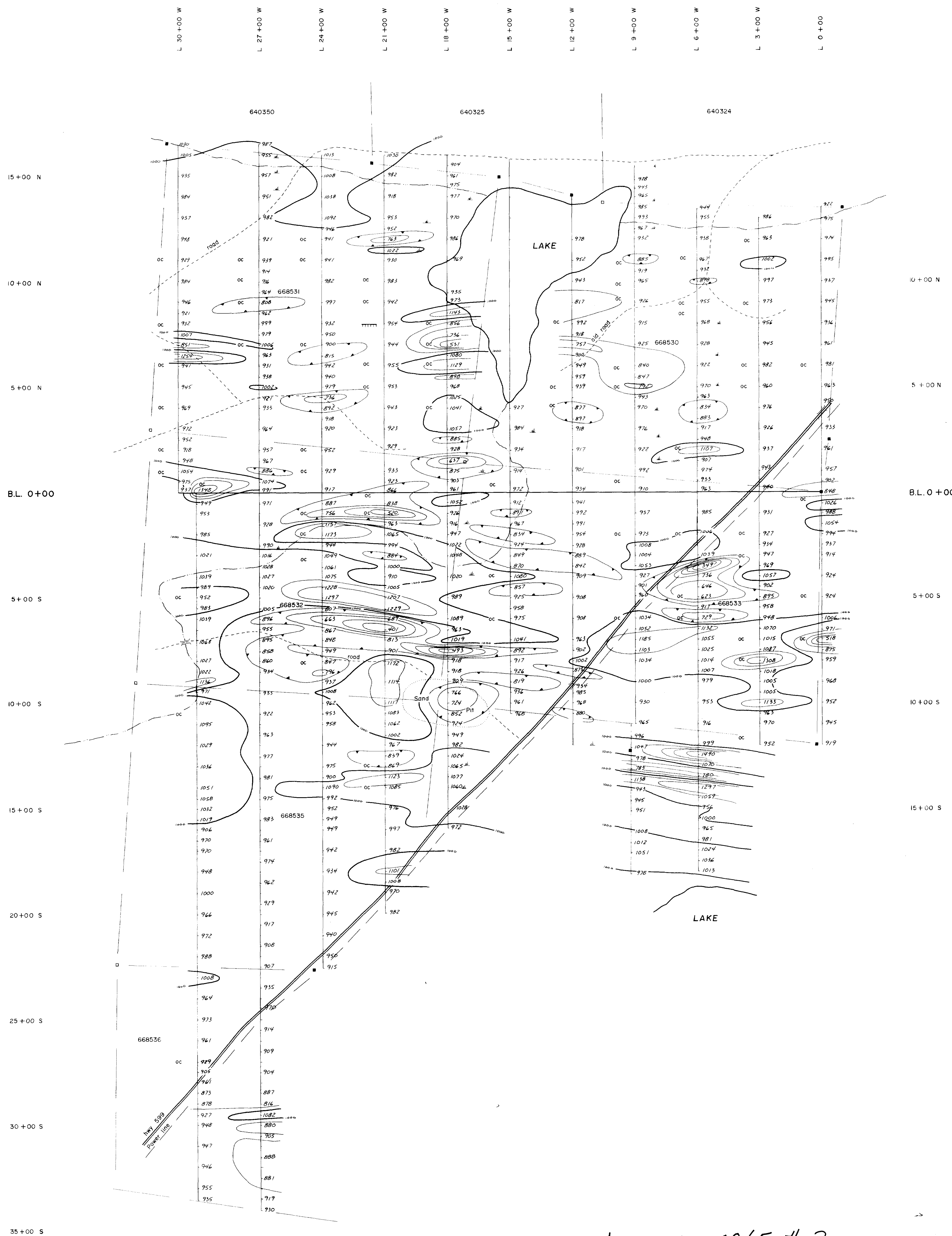
#2

NORTHWEST GEOPHYSICS LTD.
 THUNDER BAY, ONT.
 GEOPHYSICAL SURVEY
 COBB BAY AREA (GROUP B)
 REGIS DEVELOPMENT CORP. LTD.
 VANCOUVER, B.C.
 DATE: _____ DRAWN BY: _____ CHECKED BY: _____
 SCALE: _____
 AUGUST 1983 Length: 2000 feet GEO-58A(2)

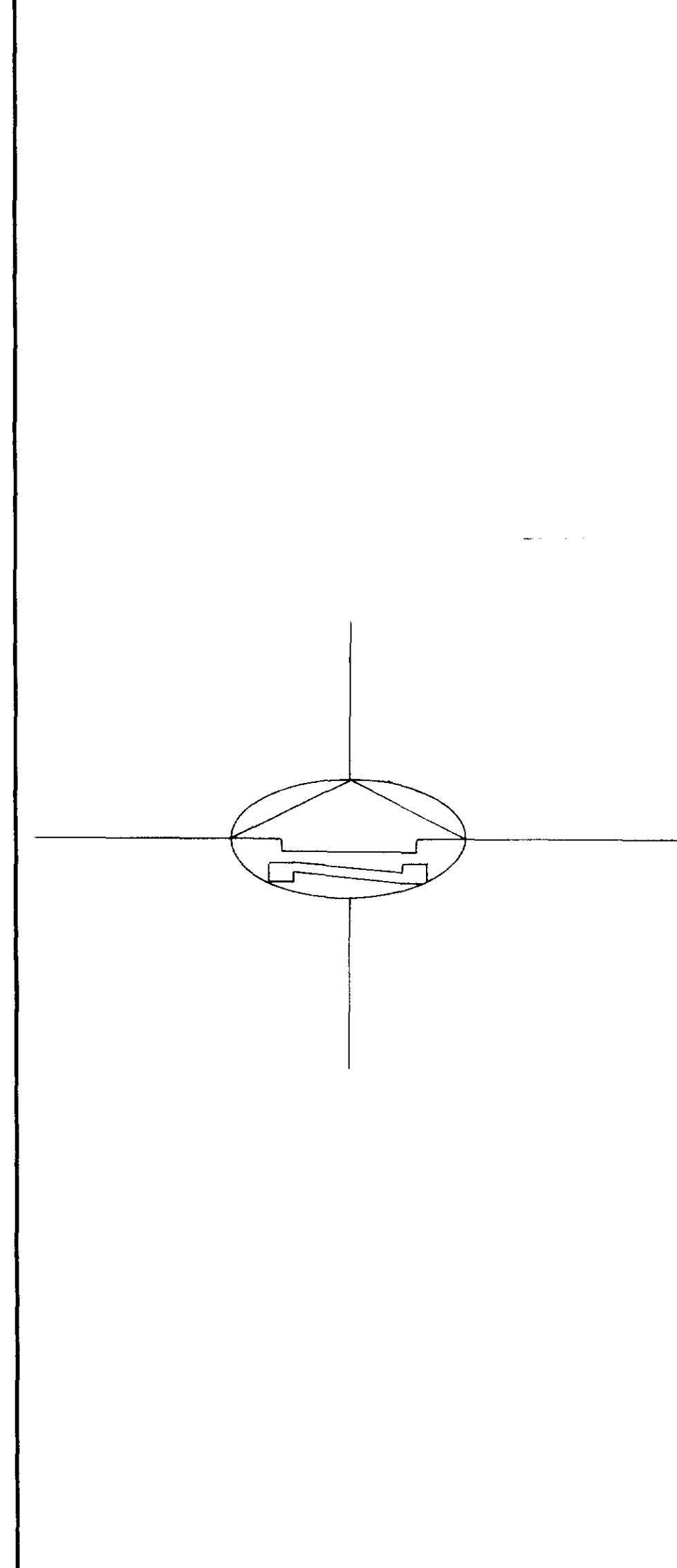


52J/02 SW-0065 #2





Scale: 1 inch = 1/2 mile N.T.S. 52 - J - 2 & 3



MAGNETOMETER SURVEY
 INSTRUMENT: GEOMETRICS 836 MAG
 DATUM: 59,000
 CONTOUR INTERVAL: 100
 MAGNETIC LOW:

VLF SURVEY
 INSTRUMENT: GEONICS EM 16
 TRANSMITTER STN: CUTLER, MAINE
 READING: FACING NORTH
 PROFILE SCALE: 1" = 40'

- Claim post (located, assumed)
- Swamp
- Cliff
- Claim line
- Outcrop
- Culvert

#3

NORTHWEST GEOPHYSICS LTD.
THUNDER BAY, ONT.

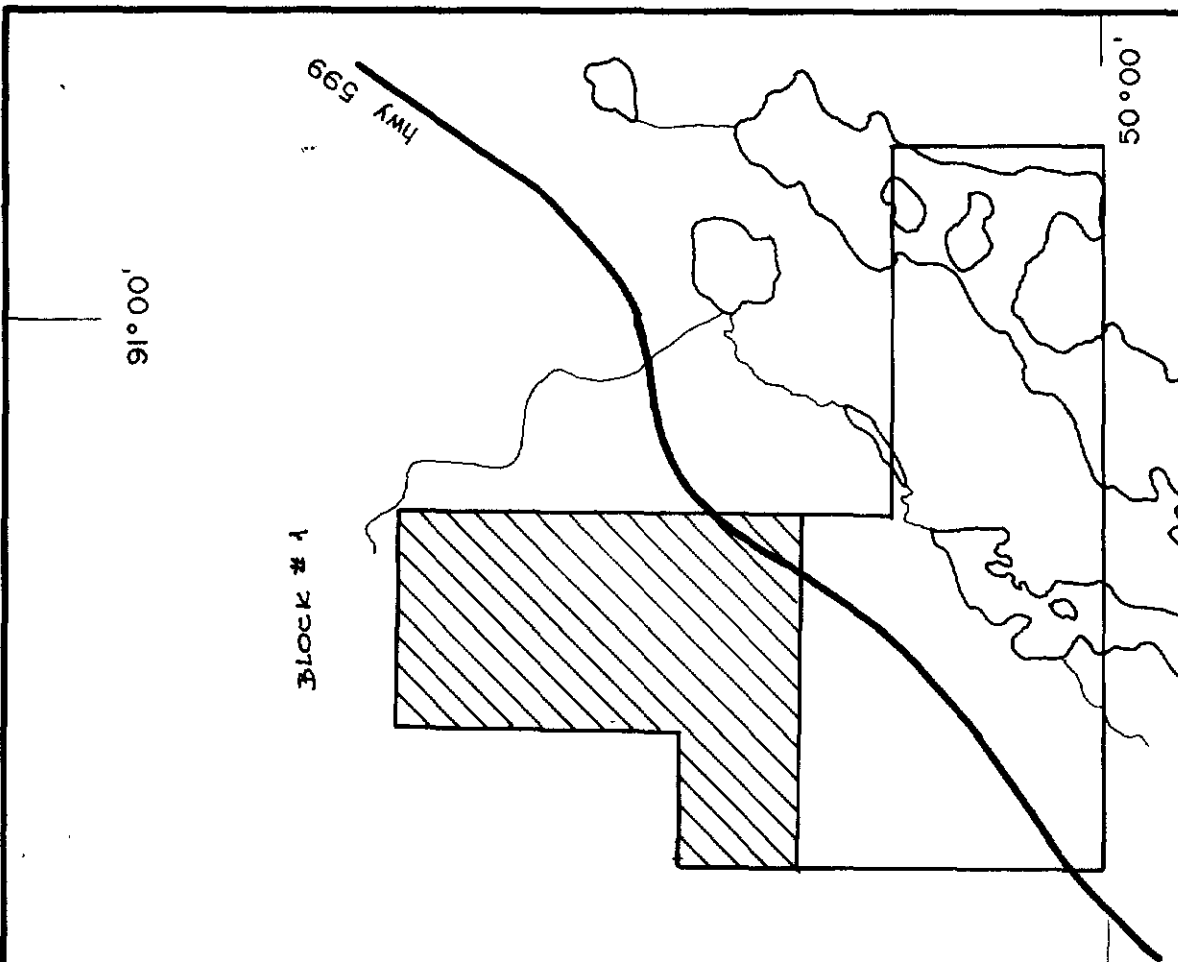
GEOPHYSICAL SURVEY
COBB BAY AREA (GROUP A)

REGIS DEVELOPMENT CORP. LTD.
VANCOUVER, B.C.

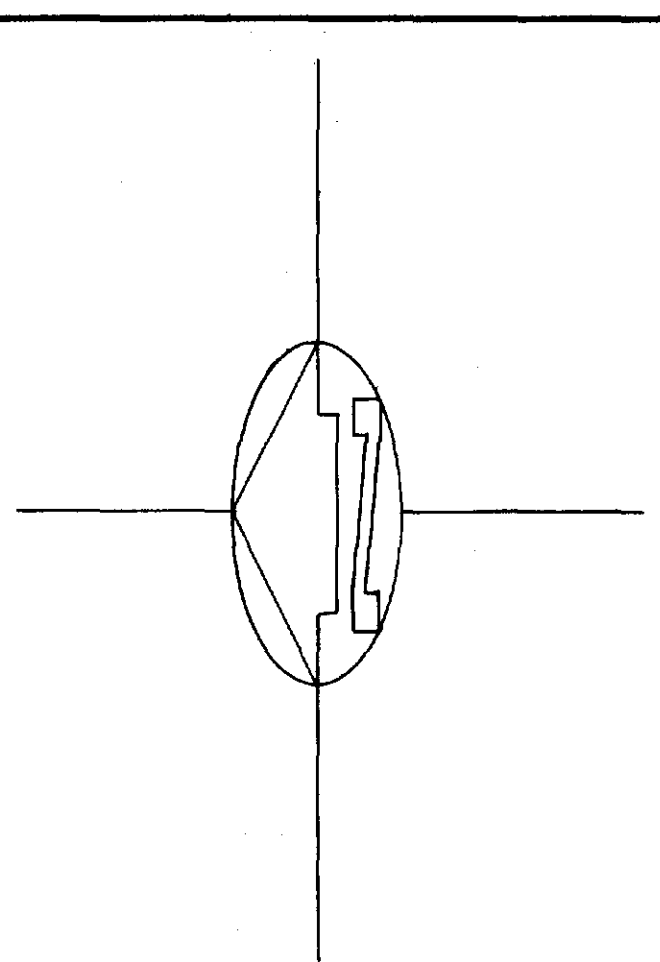
DATE	SCALE	DRAWN BY	CHECKED BY
AUGUST, 1983	1 inch = 200 feet	GEO-DRAFT	

52J/02 SW - 0065 #3



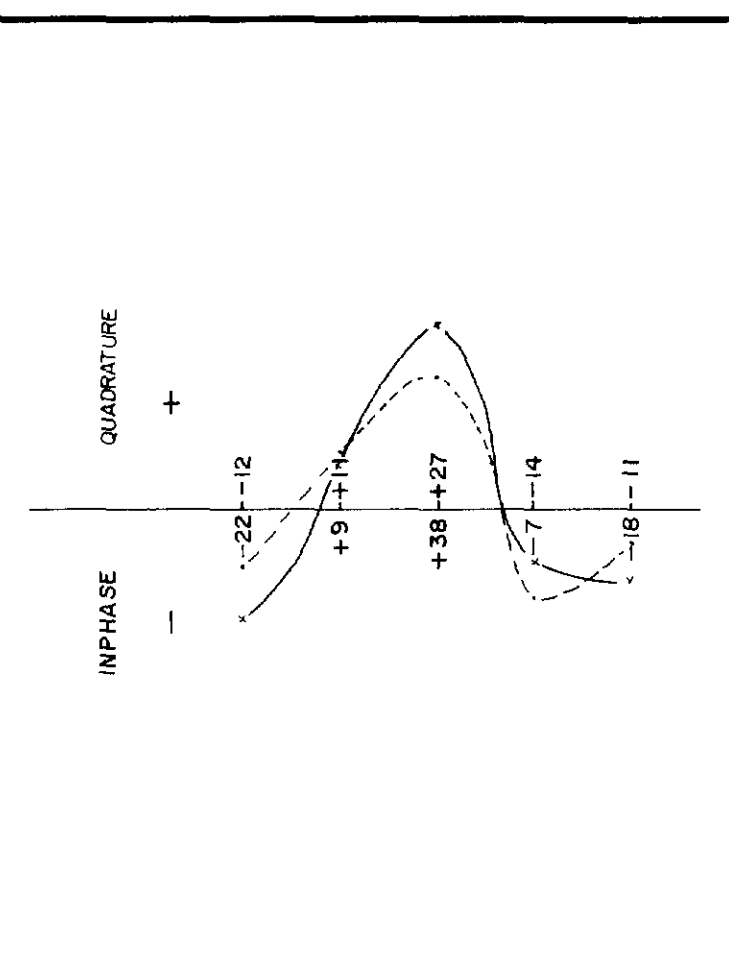


Scale: 1" = 1/2 mile
N.T.S. 52-J-3



MAGNETOMETER SURVEY
INSTRUMENT: GEOMETRICS 856 IMAG
DATUM: 59,000 ft
CONTOUR INTERVAL:
MAGNETIC LOW

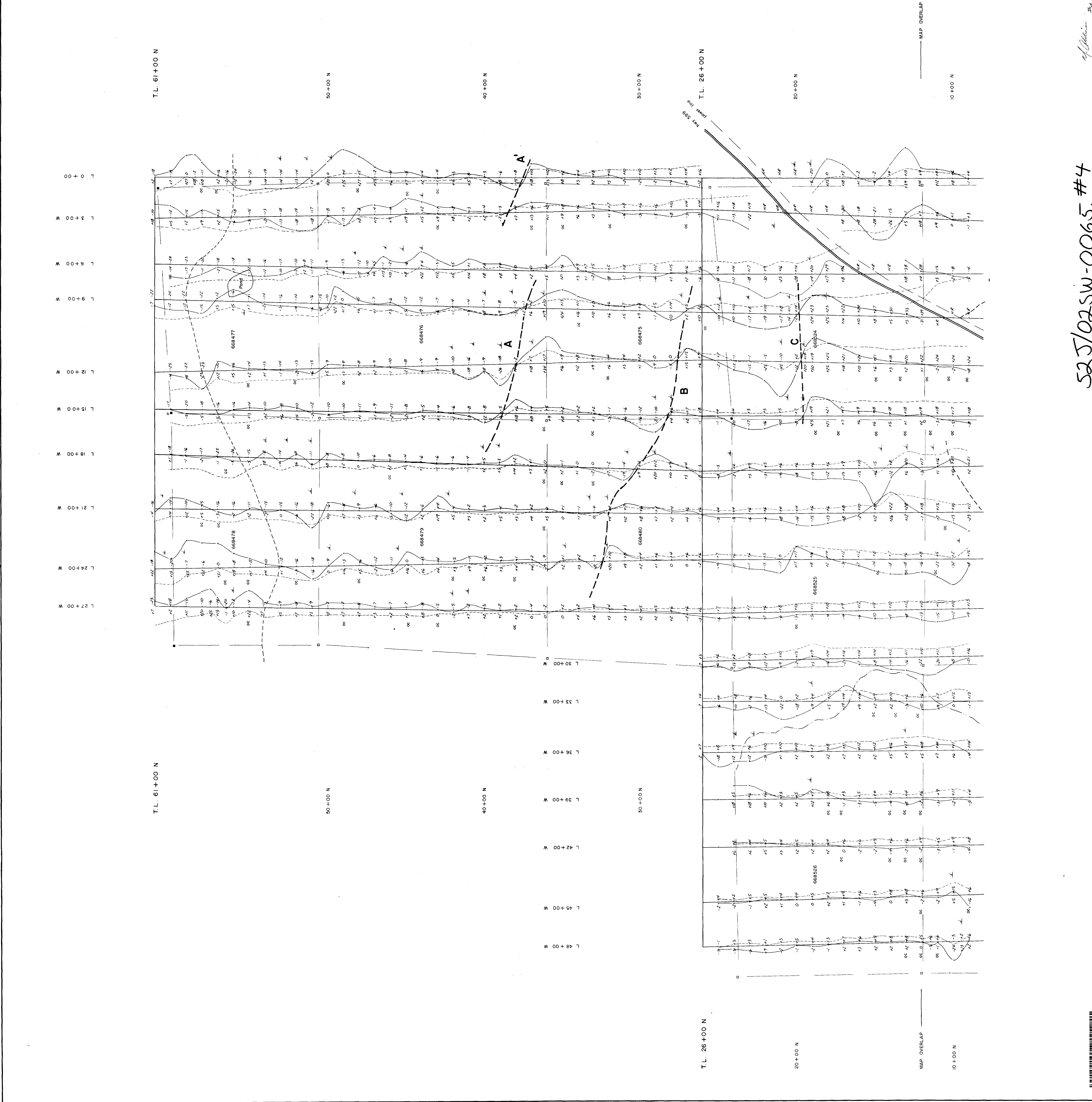
VLF SURVEY
INSTRUMENT: GEONICS EM 16
TRANSMITTER STN: SEATTLE, WASH.
READING: FACING NORTH
PROFILE SCALE: 1" = 40 %
— CONDUCTOR AXIS



Claim post (located, assumed)
Swamp
Cliff
Claim line
Outcrop
Culvert

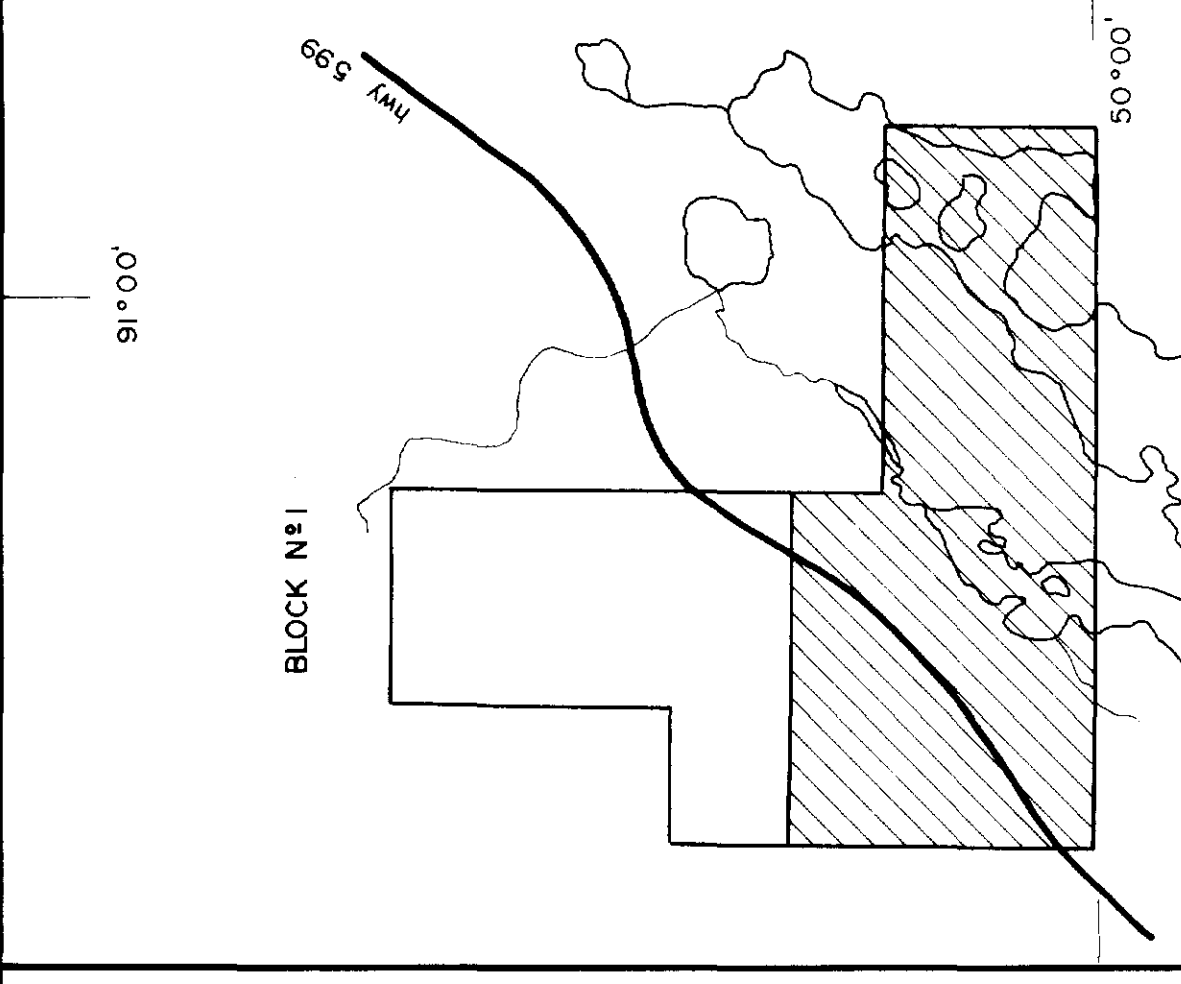
NORTHWEST GEOPHYSICS LTD.
THUNDER BAY, ONT.
GEOPHYSICAL SURVEY
COBB BAY AREA (GROUP B)
REGIS DEVELOPMENT CORP. LTD.
VANCOUVER, B.C.

DATE: AUGUST, 1983
SCALE: 1 inch = 200 feet
DRAWN BY: [Signature]
CHECKED BY: [Signature]



52J/02SW-0065, #4





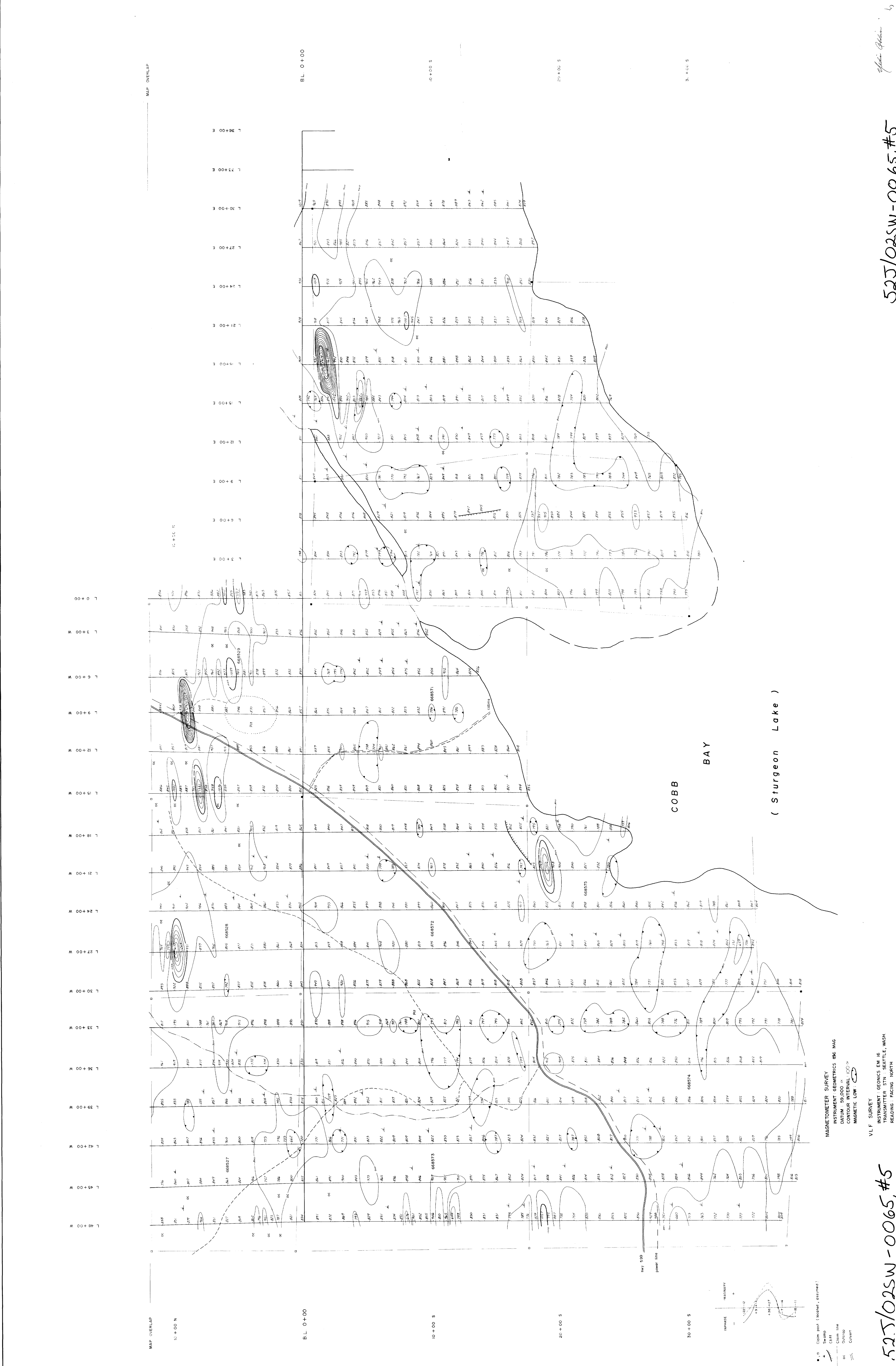
Scale 1" = 1/2 mile
NTS. B2-J-3

MAGNETOMETER SURVEY
INSTRUMENT GEOMETRICS 896 MAG
DATUM 59,000 IN
CONTOUR INTERVAL 100 IN
MAGNETIC LOW

V.L.F. SURVEY
INSTRUMENT GEONICS EM 16
TRANSMITTER STN SEATTLE, WASH
READING FACING NORTH
PROFILE SCALE 1" = 40'

NORTHWEST GEOPHYSICS LTD.
THUNDER BAY, ONT.
GEOPHYSICAL SURVEY
COBB BAY AREA (GROUP B)
REGIS DEVELOPMENT CORP. LTD.
VANCOUVER, B.C.

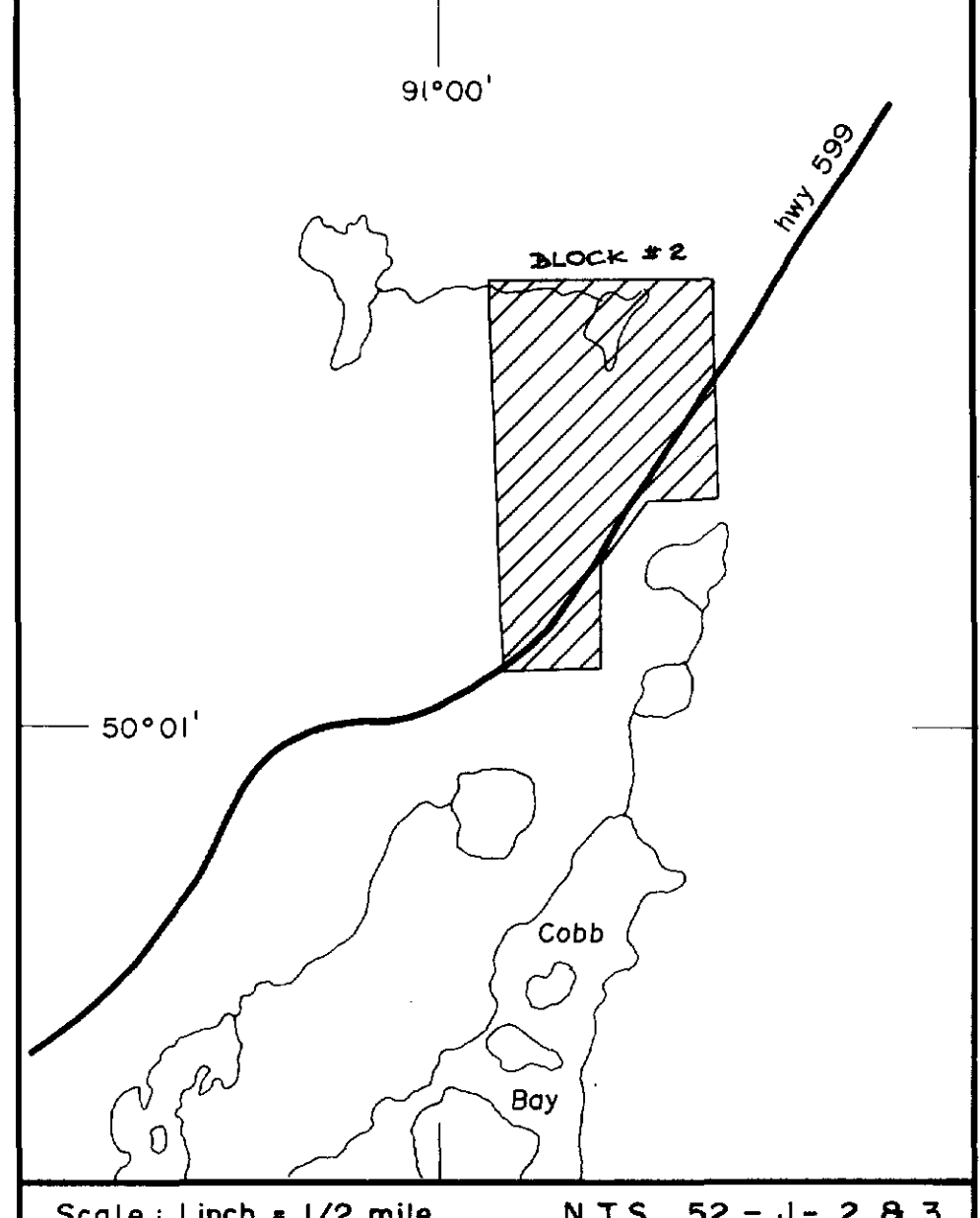
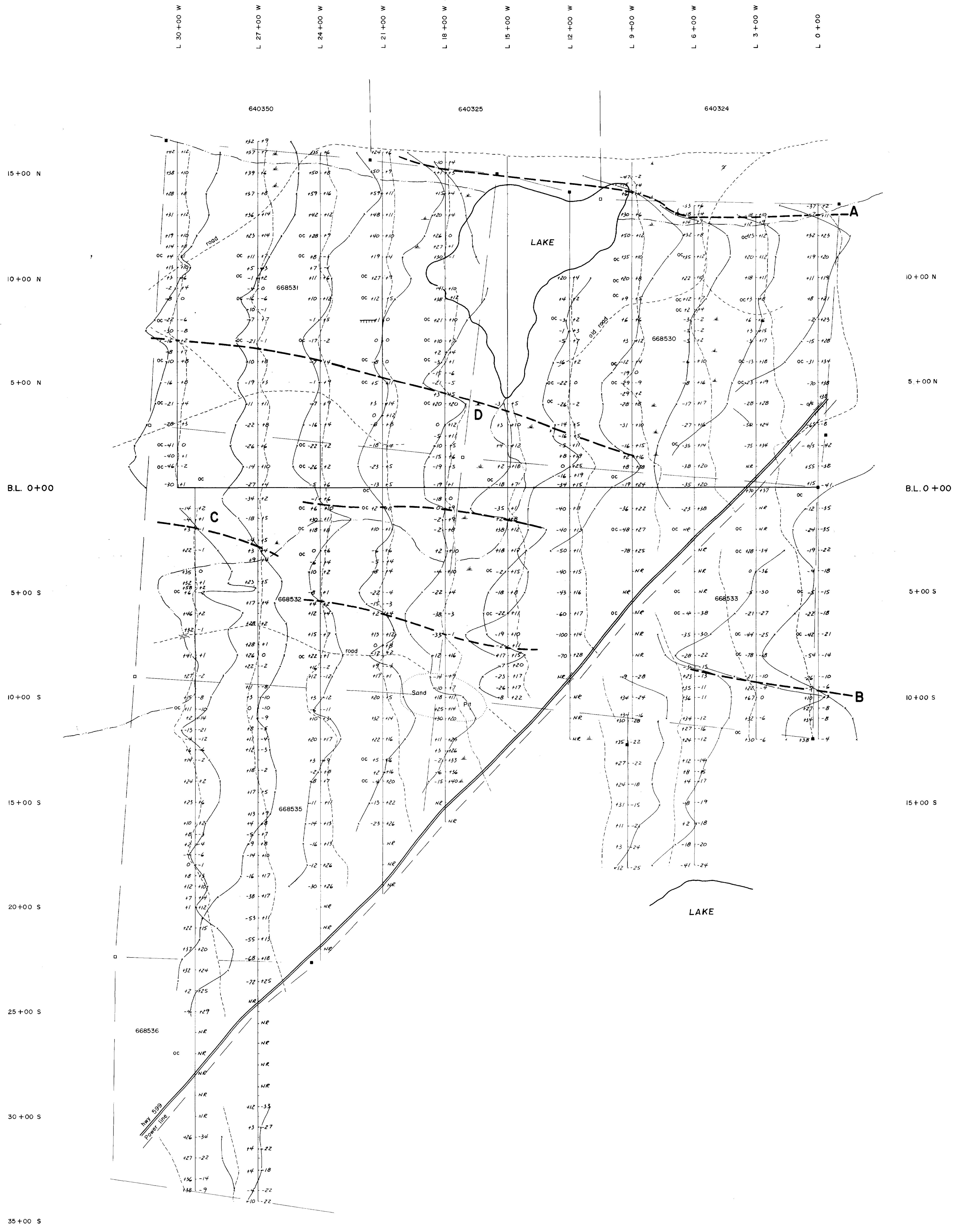
DATE: AUGUST, 1983
SCALE: 1 inch = 200 feet (RED. DRAFT)
DRAWN BY: [Signature]
CHECKED BY: [Signature]



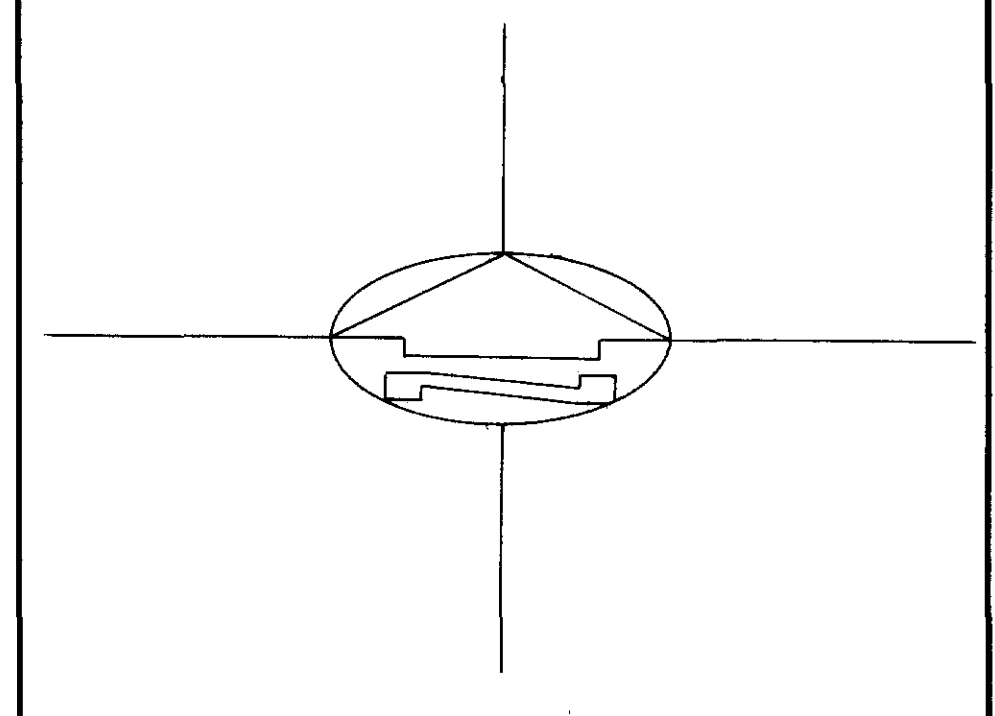
525/02SW-0065, #5

525/02SW-0065, #5

525/02SW-0065, #5

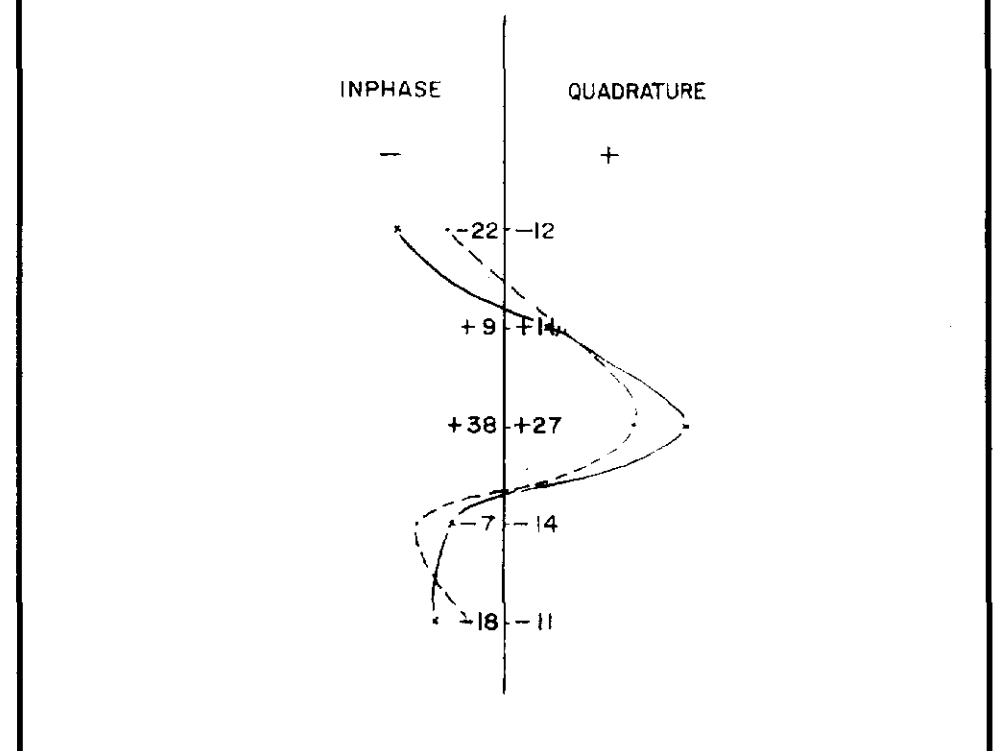


Scale: 1 inch = 1/2 mile N.T.S. 52-J-2 & 3



MAGNETOMETER SURVEY
 INSTRUMENT: GEOMETRICS 836 MAG
 DATUM: 59,000 α
 CONTOUR INTERVAL:
 MAGNETIC LOW:

VLF SURVEY
 INSTRUMENT: GEONICS EM 16
 TRANSMITTER STN: CUTLER, MAINE
 READING: FACING NORTH
 PROFILE SCALE: 1" = 40%
 --- CONDUCTOR AXIS



NORTHWEST GEOPHYSICS LTD. THUNDER BAY, ONT.			
GEOPHYSICAL SURVEY COBB BAY AREA (GROUP A)			
REGIS DEVELOPMENT CORP. LTD. VANCOUVER, B.C.			
DATE AUGUST, 1983	SCALE 1 inch = 200 feet	DRAWN BY GEO-DRAFT	CHECKED BY

52J/02SW-0065, #6

John Phillips

26/11/83 dep #6

