



42A10SW0233 2.4690 MACKLEM

010

REPORT ON

VLF-EM SURVEY

FOR

RECEIVED

APR 14 1982

MINING LANDS SECTION

CLAIM NUMBERS P.555233
 P.546619 to 627 INCL.
 P.532104 to 112 INCL.

MACKLEM TOWNSHIP

DISTRICT OF COCHRANE

PORCUPINE MINING DIVISION

BY

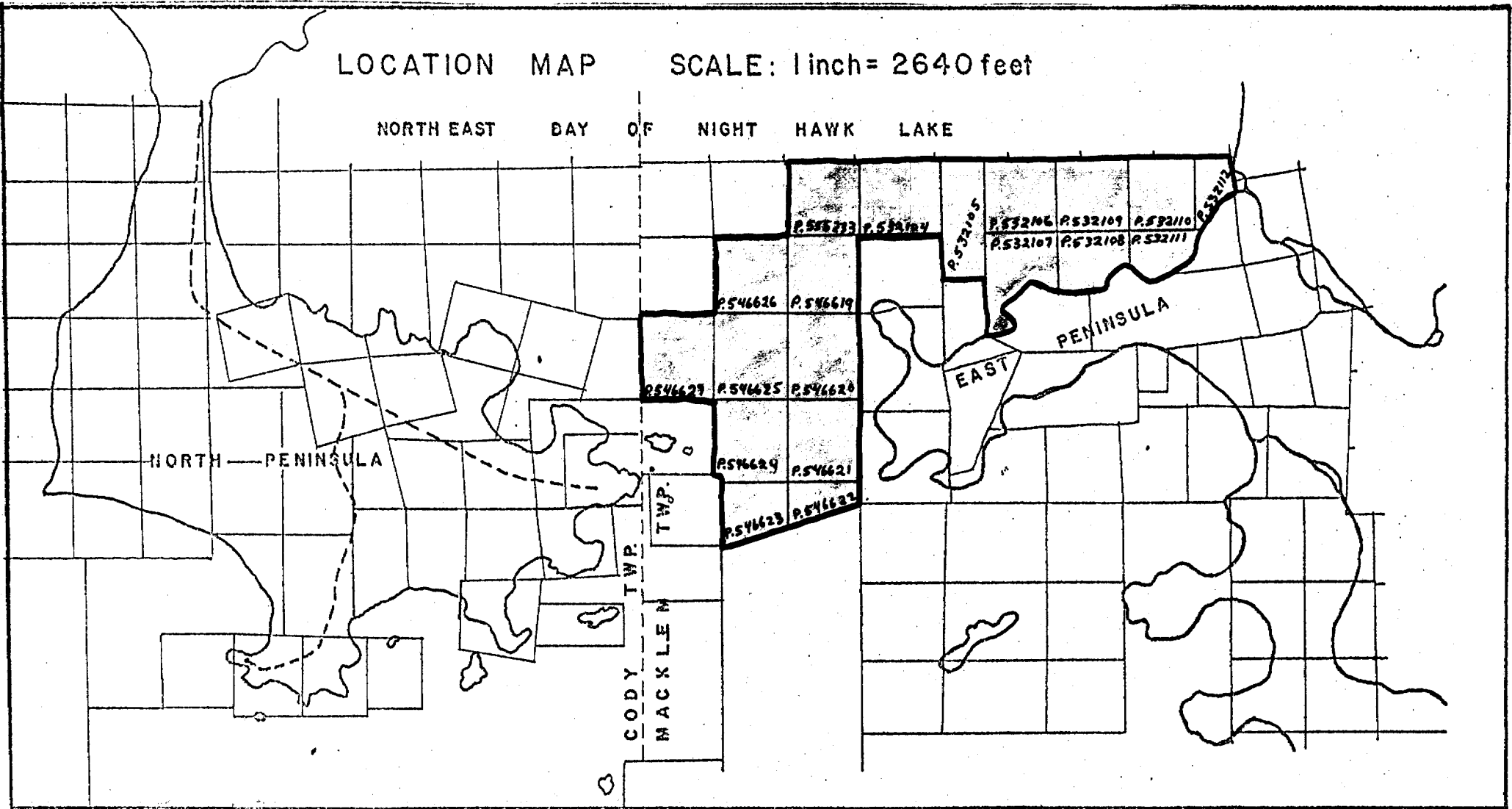
PAMOUR PORCUPINE MINES LIMITED

MARCH 1982

LOCATION MAP

SCALE: 1 inch = 2640 feet

NORTH EAST DAY OF NIGHT HAWK LAKE





42A10SW0233 2.4690 MACKLEM

010C

TABLE OF CONTENTS

	PAGE
Title Page	
Table of Contents	1
Location Map	2
Introduction	3
Accessibility	3
Property Owner	3
Previous Work	4
Geology	4
Geophysical Survey	
Survey Procedures	4
Data Presentation	5
Interpretation	5
Conclusions and Recommendations	7
Appendix A - Personnel	
Appendix B - Instrument Specifications	
Maps - North of East Peninsula	
West of East Peninsula	

INTRODUCTION

A VLF-EM survey was conducted on 19 claims located north and west of the East Peninsula of Night Hawk Lake in the north-western part of Macklem Township, Ontario. The survey was conducted to identify major faults and structures in the area, and to locate anomalies relating to the possible ore zone extension of the gold bearing carbonate and porphyry body drilled by Ronocco Gold Mines Limited.

ACCESSIBILITY

The survey area can be reached in the winter via highway 101 to Fredrick House Bridge, then southwards on highway 803 to the Gold Hawk property on the North Peninsula. The claims can be reached by a 1 mile skidoo trip across the mouth of the Northeast Bay of Night Hawk Lake. A further trip around the north part of the East Peninsula for about 1½ miles is the eastern boundary of the claim group.

PROPERTY OWNER

The property is owned 100% by:

Pamour Porcupine Mines Limited
P.O. Bag 2010,
TIMMINS, Ontario.
P4N 7X7

The claims were staked and recorded for Pamour Mines on the following dates:

Claim No. P.555233	- March 4, 1980
Claim No. P.546619 to 627 incl.	- October 4, 1979
Claim No. P.532104 to 112 incl.	- August 21, 1979

The work was conducted by personnel employed by Pamour Porcupine Mines Limited, TIMMINS, Ontario and were under the supervision of Mr. Kian A. Jensen, B.Sc., Exploration Geophysicist-Geologist. A list of the personnel and their functions are listed in Appendix A.

CLAIMS SURVEYED

The claim group was surveyed in two parts, the western part during 1980-81 and the northern part during 1981-82. The following is a list of mining claims and the year surveyed:

P.532104 - 1981-82
P.532105 - 1981-82
P.532106 - 1981-82
P.532107 - 1981-82
P.532108 - 1981-82
P.532109 - 1981-82
P.532110 - 1981-82
P.532111 - 1981-82
P.532112 - 1981-82

P.546619 - 1980-81
P.546620 - 1980-81
P.546621 - 1980-81
P.546622 - 1980-81
P.546623 - 1980-81
P.546624 - 1980-81
P.546625 - 1980-81
P.546626 - 1980-81
P.546627 - 1981-82
P.555233 - 1980-81

PREVIOUS WORK

The land portion of the East Peninsula has received a vast amount of work by Ronocco Gold Mines during 1928 to 1940's. This work included geological mapping and an extensive drilling program. The lake portion covered by Pamour's claims has received a small amount of work, which includes a magnetometer survey in 1965 by Broulan Reef Mines, and Inco from 1969 to 1973. Inco's work consisted of geophysical surveys (magnetic), diamond drilling and basal till sampling.

Since the staking of these claims, Pamour Porcupine Mines has conducted a total field magnetic intensity survey and one diamond drill hole.

GEOLOGY

The majority of the underlying rocks are extremely altered to schist of varying composition. Intuded into these schist are irregular shape and varying sizes of ultramafics. From the few diamond drillholes located within the claim group, there exists carbonate zones and porphyry bodies. The northern shore of the East Peninsula is a moderately mineralized carbonated ore zone.

GEOPHYSICAL SURVEY

VLF - EM Specifications

The instrument specifications for the Phoenix VLF-2 unit is found in Appendix B. Survey accuracy by tie-in and repeat data is $\pm 1^\circ$ for the dip and $\pm 5\%$ for the horizontal field strength (HFS.).

Survey Procedures

The VLF-2 instruments were tuned to Cutler, Maine (17.8 KHz) at the calibration stations. Since the grids were surveyed in different years, there are four calibration stations. During the

1980-81 season, calibration stations were located at the baseline on Line 0 with a HFS of 155%. Due to a thaw in February and later heavy snow fall, the grid was obliterated and was reestablished with a new calibration station at 28+00N on Line 4E with a HFS of 125%. During the 1980-81 survey, tie-ins and repeat stations had an accuracy of $\pm 2^\circ$ dip and $\pm 5\%$ HFS, However with the established grid and the new calibration station, the tie-in was out by 50% of the HFS.

During the 1981-82 season, a land calibration station was established on Line 12W at 2+00S for grid west of the North Peninsula. This land base station was also tied to station 43+00N on Line 26W located north of the East Peninsula. At both of the 1981-82 calibration stations the HFS was tied to and calibrated at 100%.

Once the calibration station(s) were established the north-south traverses lines were surveyed using the Crone Convension. All dip values were recorded facing the direction of Cutler and the HFS was recorded while the operator was facing south.

During the 1980-81 season, a total of 7.9 line miles was surveyed to establish 419 stations and the following year 7.8 line miles were surveyed to establish 412 stations. The total miles of grid layout for both seasons was 19.1 line miles.

Data Presentation

The VLF-EM survey results are presented on two maps at a scale of 1 inch to 200 feet. The data values are written at the station and the dip values are profiled. The conductors are indicated by thick dashed lines and are lettered from "A" to "X".

Interpretation

To assist in the interpretation the dip values were Fraser Filtered using the Crone Convension. The following are the conductors located during the VLF-EM survey.

Anomaly A

This moderate conductor appears to be the contact between the extremely altered schists and the ultramafic intrusive.

Anomaly B and C

These conductors (B and C) are moderate to strong and are probably related to a N25°W fault.

Anomaly D, E and F

These anomalies are probably due to a diabase dike which intruded the extremely altered rocks. The probable strike of the dike is about N55°E.

Anomaly G

This conductor parallels the axis of a magnetic high and possibly represents a felsic dike near the N55°E fault zone.

Anomaly H

This conductor is probably due to the carbonated volcanics and massive chloritic volcanics. The western section is probably terminated by a N55°E fault.

Anomaly I

This conductor is due to the intrusive diabase dike.

Anomaly J

The moderate anomaly may be due to sulphides in a moderate magnetic high which could be due to a N25W fault zone. However, due to the many rock shoals in the area, the anomaly may also reflect the bedrock topography.

Anomaly K

This may be the southwestern extension of the diabase dike interpreted as Anomaly I.

Anomaly L, M, N and R

These four conductors are due to the probable contact between a large ultramafic body and the extremely altered rocks (schist).

Anomaly O, P and Q

These moderate anomalies are possibly due to contacts within the schist in a moderate magnetic area.

Anomaly S and T

These conductors are related to the N55°W fault which is associated with a magnetic low.

Anomaly U and V

These two anomalies may be connected, however, it is the author's opinion that there is a fault separating these conductors. Anomaly U is probably in the schist while Anomaly V is related to a large carbonate zone.

Anomaly W

This conductor may be due to a lithological change in the schist or may be due to a N70°E fault.

CONCLUSIONS AND RECOMMENDATIONS

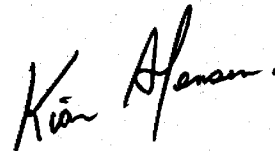
Several of the anomalies detected during the VLF-EM survey are related to contacts of the ultramafic bodies and the country rocks. Other anomalies are related to the various faults in the area.

The anomalies which may be interesting and requires future work are Anomalies G, H, J, P, U, V and W. These conductors may represent sulphide rich carbonate zones and porphyries and requires additional geophysical surveying probably with IP.

It is recommended that a grid style overburden drilling program be conducted in the future to identify any geochemical gold trains. Also, during the summer season, shoreline mapping should be conducted.

Upon completion of the above mentioned survey, a compilation of the data must be completed before any diamond drill program commences. The possible targets to concentrate future work on are Anomalies G, H, and V.

I hereby submit that this report and accompanying maps are accurate and true to the best of my knowledge and that they were completed by myself this 16th day of March, 1982.



Kian A. Jensen, B.Sc.,
Exploration Geophysicist-
Geologist.

CURRICULUM VITAE

NAME: JENSEN, Kian A.
ADDRESS: 374 Patricia Boulevard, Timmins, Ontario P4N 6Y6
TELEPHONE: (705) 264-5748
BIRTHDATE: September 24, 1951
SEX: Male
STATUS: Married
EDUCATION: University of Waterloo, 1971 - 1975, B.Sc. Honour Earth
Science, Geology Major

RELATED EXPERIENCE

March 2 to Present PAMOUR PORCUPINE MINES LIMITED, PAMOUR NO. 1
Employed as a geologist/geophysicist in the Exploration Department, Pamour No. 1. Responsible for conducting ground geophysical surveys, interpretation and reports. Other duties include geological mapping, drill core logging, ore calculations, and property evaluation.

September 1978 to February 1981 GEOTERREX LIMITED, 2060 Walkley Road, Ottawa
Employed as a geophysicist/party chief conducting various types of ground geophysical surveys. Other responsibilities included training personnel, logistic reports, job proposals, billings, data reduction and interpretation. Clients and types of surveys involved in are as follows:

- Amoco Oil Limited - gravity survey
- Ontario Hydro - seismic survey
- Urangesellschaft Canada Limited - Max-Min and horizontal PEM surveys
- Energy, Mines and Resources, Earth Physics Branch - inertial gravity survey
- Geoterrex Limited, Calibogie test site - CEM, Max-Min, Proton magnetic and horizontal PEM surveys
- Newmont Exploration of Canada Limited - drillhole PEM survey
- Newmont Exploration of Canada Limited - EMP survey
- E & B Exploration of Canada Limited - gravity survey

Energy, Mines and Resources, Earth Physics Branch -
inertial gravity survey

Geoterrex Limited, Calibogie test site - Elfast turam,
IP and DEEPEM surveys

Abitibi-Price Inc. - interpretation of drillhole PEM
survey

May to
September 1978 RAYROCK RESOURCES LIMITED (MINES), 1011-2200 Yonge Street,
Toronto

Employed as a field geologist conducting a reconnaissance
geochemical survey for uranium in central North West
Territories. Other responsibilities included rock sampling,
reconnaissance mapping, claim work, and assisted in
compiling airborne radiometric results.

September 1974 B.Sc. Thesis, "A Geophysical Investigation for Buried
to Bedrock Valleys in the Belwood Lake Area".

April 1975 This involved data acquisition, computer modelling, and
interpretation of gravity and resistivity surveys.

September 1974 UNIVERSITY OF WATERLOO, Waterloo, Ontario

to
April 1975 Employed to sort and catalogue rock suites and set up
museum displays of ore suites from Canadian mines.

May to
September 1974 CANADIAN OCCIDENTAL PETROLEUM LIMITED, 311-215 Carlingview
Drive, Rexdale, Ontario

Employed as a field geologist conducting reconnaissance
and detail geochemical surveys for base metals in south-
central British Columbia. Other responsibilities included
claim work, rock sampling, and the preparation of geochemical
anomaly maps.

October to
December 1973 UNIVERSITY OF WATERLOO, Waterloo, Ontario

Employed as a geophysical assistant conducting gravity,
resistivity, and seismic surveys.

OTHER EMPLOYMENT

October 1977 to May 1978 GOLDEN TRIANGLE SECURITIES AND INVESTIGATIONS, 52A Francis Street, Kitchener, Ontario

Employed as a security guard at Pirelli Cables in Guelph, Ontario.

June 1975 to September 1977 TOWERS DEPARTMENT STORES, 1013 Ontario Street, Stratford, Ontario

Employed as a department manager responsible for staff schedules, ordering, inventory, and sales.

MEMBERSHIPS

Society of Exploration Geophysicists (1981) - Associate Member

Prospector's Licence (Individual) - A44525

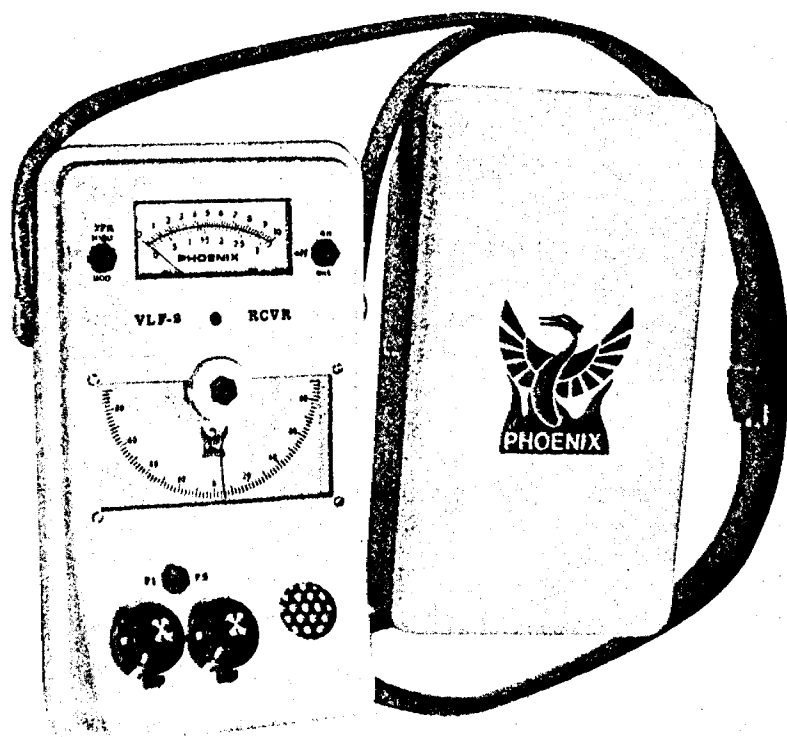
APPENDIX

DATE	PERSONNEL	FUNCTION
February 20, 1981	Joel Fink, Rob Caine	Grid Layout
February 23, 1981	Joel Fink, Rob Caine	Grid Layout
February 24, 1981	Joel Fink, Rob Caine	Grid Layout
February 25, 1981	Joel Fink, Rob Caine	Grid Layout
February 27, 1981	Sharon Weicker	Data Aquisition
February 28, 1981	Sharon Weicker	Data Aquisition
March 4, 1981	Kian Jensen, Sharon Weicker	Grid Layout
March 5, 1981	Kian Jensen, Rob Caine	Grid Layout
March 6, 1981	Sharon Weicker	Data Aquisition
January 26, 1982	Kian Jensen	Grid Layout
January 27, 1982	D'Arcy Ryan, Byron Cooper	Grid Layout
January 29, 1982	D'Arcy Ryan	Grid Layout
January 30, 1982	D'Arcy Ryan	Grid Layout
February 1, 1982	D'Arcy Ryan, Byron Cooper	Grid Layout
February 2, 1982	D'Arcy Ryan Byron Cooper	Grid Layout Data Aquisition
February 3, 1982	D'Arcy Ryan	Data Aquisition
February 4, 1982	D'Arcy Ryan, Byron Cooper	Data Aquisition
February 9, 1982	D'Arcy Ryan	Compilation
February 10, 1982	D'Arcy Ryan	Compilation
March 15, 1982	Kian Jensen	Interpretation
March 16, 1982	Kian Jensen	Interpretation and Report

VLF-2

Electromagnetic Unit

- Lightweight, low battery drain, rugged, simple to operate
- Two independent channels
- Each channel may select any station between 14.0 and 29.9 kHz
- Single crystal used for all frequencies
- Locking clinometer provides tilt-angle memory
- Superheterodyne detection and digital filtering provide extremely high selectivity and noise rejection



Military and time standard VLF transmitters are distributed over the world. These stations are used for geophysical EM surveying thus eliminating the need for a local transmitter and permitting one-man operation.

To ensure that a station excites the prospective conductor, two stations at approximately right angles are used during a survey (see data on back).

The choice of 160 frequencies in the range 14.0 to 29.9 kHz permits the use of a local EM transmitter when no suitable regular VLF station is available.



PHOENIX GEOPHYSICS LIMITED

Geophysical Consulting and Contracting, Instrument Manufacture, Sale and Lease.

Head Office: 200 Yorkland Blvd. Willowdale, Ont., Canada M2J 1R5. Tel: (416) 493-6350
310 - 885 Dunsmuir St. Vancouver, B.C., Canada V6C 1N5. Tel: (604) 684-2285
4690 Ironston St. Denver, Colorado, U.S.A. 80239. Tel: (303) 373-0332

Specifications

- Parameters Measured** : Orientation and magnitude of the major and minor axes of the ellipse of polarization.
- Frequency Selection, Front Panel** : Dual channel, front panel selectable (F1 or F2) each with independent precision 10-turn dial gain control.
- Frequency Selection, Internal** : F1 and F2 can be selected by internal switches within the range 14.0 to 29.9 kHz in 100 Hz increments.
- Detection And Filtering** : Superheterodyne detection and digital filtering provide a much narrower bandwidth and thus greater rejection of interfering stations and 60 cycle noise than conventional receivers.
- Meter Display** : 2 ranges: 0 to 300 or 0 to 1000. Background is typically set at 100. Meter is also used as dip angle null indicator and battery test.
- Audio** : Crystal speaker. 2500 Hz used as null indicator.
- Clinometer** : $\pm 90^\circ$, $+0.5^\circ$ resolution. Normal locking, push button release.
- Battery** : One standard 9v transistor radio battery. Average life expectancy - 1 to 3 months (battery drain is 3 mA)
- Temperature Range** : -40° to $+ 60^\circ$ C.
- Dimensions** : 8 x 22 x 14 cm (3 x 9 x 6 inches).
- Weight** : 850 grams (1.9 pounds).

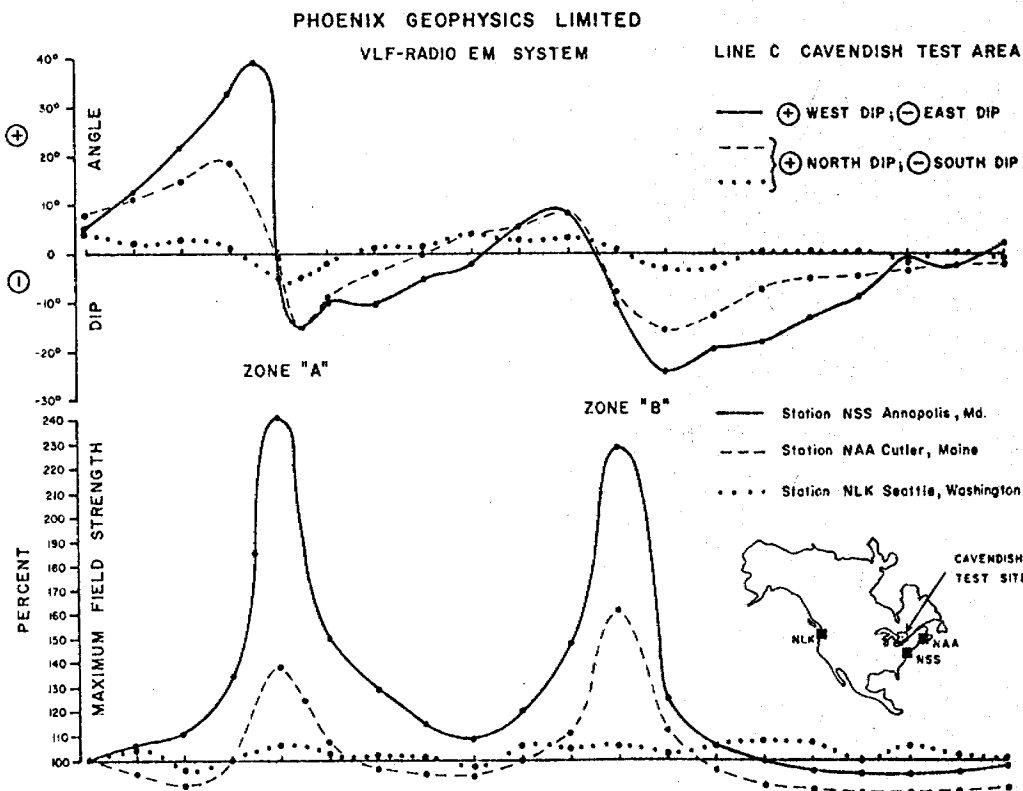
All of the established stations may be selected, or alternatively, a local VLF transmitter may be used which transmits at any frequency in the range 14.0 to 29.9 kHz.

VLF Station	Frequency (kHz)
Bordeaux, France	15.1
Odessa (Black Sea)	15.6
Rugby, U.K.	16.0
Moscow, U.S.S.R.	17.1
Yosamal, Japan	17.4
Hegaland, Norway	17.6
Cutler, Maine	17.8
Seattle, Washington	18.6
Malabar, Java	19.0
Oxford, U.K.	19.6
Paris, France	20.7
Annapolis, Maryland	21.4
Northwest Cape, Australia	22.3
Laulualei, Hawaii	23.4
Buenos Aires, Argentina	23.6
Rome, Italy	27.2

Field Data

Results below illustrate the need for using two orthogonal stations when the strike of the prospective conductor is not well-known. The dip angle and amplitude data measured using station NLK in Seattle, Washington, show only a very weak anomaly associated with the two conductive sulphide zones at Cavendish, Ontario.

The results obtained using Cutler, Maine reveal a more prominent anomaly, but the best response was obtained using Annapolis, Maryland since the station lies almost due south and the transmitted electromagnetic field is thus maximum-coupled with the North-South trending conductors.





Report of Work
(Geophysical, Geological,
Geochemical and Expenditures)



42A105W0233 2.4690 MACKLEM

900

ed
st.
he
ed

#113

The Mining Act

2.4690

Do not use shaded areas below.

Type of Survey(s) VLF-EM Survey	Township or Area Macklem
Claim Holder(s) Pamour Porcupine Mines Limited	Prospector's Licence No. T-498
Survey Company Pamour Exploration	Survey Dates (linecutting to office) Day Mo. Yr. Day Mo. Yr. 20 02 81 16 03 82
Total Miles of line Cut 19.1	
Name and Address of Author (of Geo-Technical report) Kian A. Jensen, 374 Patricia Blvd., TIMMINS, Ontario	

Special Provisions Credits Requested

Instructions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	40
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days

Instructions	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits

Note: Special provisions credits do not apply to Airborne Surveys.		Days per Claim
	Electromagnetic	
	Magnetometer	
	Radiometric	

Expenditures (excludes power stripping)

Type of Work Performed
Performed on Claim(s)
Calculation of Expenditure Days Credits
Total Expenditures \$ <input type="text"/> + 15 = Total Days Credits <input type="text"/>

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.

Report Completed

Date of Report March 12/82	Recorded Holder/Agent (Signature) <i>Kian Jensen</i>
--------------------------------------	---

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.	
Name and Postal Address of Person Certifying Kian A. Jensen, 374 Patricia Blvd., TIMMINS, Ontario	Date Certified March 12/82
AM <input type="checkbox"/> PM <input type="checkbox"/>	Certified by (Signature) <i>Kian Jensen</i>

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
P	555233				
	546619				
	546620				
	546621				
	546622				
	546623				
	546624				
	546625				
	546626				
	546627				
	532104				
	532105				
	532106				
	532107				
	532108				
	532109				
	532110				
	532111				
	532112				

RECEIVED

MAY 25 1982

MINING LANDS SECTION

RECORDED
APR 14 1982
Receipt No.

Total number of mining claims covered by this report of work. **19**

For Office Use Only	
Total Days Cr. Recorded 760	Date Recorded Apr. 14/82
Date Approved as Recorded 83:02:05	Regional/Branch Director <i>[Signature]</i>
	Regional Mining Recorder <i>[Signature]</i>



Mining Lands Comments

To: Geophysics *Mr. Barber*

Comments

Approved Wish to see again with corrections

Date: *Jan 28 83* Signature: *[Signature]*

To: Geology - Expenditures

Comments

Approved Wish to see again with corrections

Date: Signature:

To: Geochemistry

Comments

Approved Wish to see again with corrections

Date: Signature:

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

1982 04 19

2.4690

Mining Recorder
Ministry of Natural Resources
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

We have received reports and maps for a Geophysical (Electromagnetic) Survey submitted under Special Provisions (credit for Performance and Coverage) on Mining Claims P 532104 et al in the Township of Macklem.

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: 416/965-1316

J. Skura/amc

cc: Pamour Porcupine Mines, Limited
Timmins, Ontario

Pamour Porcupine Mines, Limited
Administration Building
P.O. Bag 2010
Timmins, Ontario, Canada P4N 7X7

pamour

RECEIVED

APR 14 1982

April 5, 1982

MINING LANDS SECTION

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

Re: VLF-EM Survey for Mining Claims P.555233, P.546619
to 627 incl., and P.532104 to 112 incl., Macklem Township
District of Cochrane, Porcupine Mining Division.

Dear Sir:

Please find enclosed the reports for the VLF-EM survey
for the above contiguous claims in Macklem Township.

The report of work has been filled at the Timmins office.

If any problems arise pertaining to the survey, please
contact myself or Mr. Ed van Hees at (705) 235-3311.



Enclosure:

KAJ/kg

Kian A. Jensen, B.Sc.,
Exploration Geophysicist-
Geologist.

PAMOUR EXPLORATION
NIGHTHAWK LAKE PROJECT
 CODY & MACKLEM TOWNSHIPS, ONTARIO
VLF SURVEY

CLAIM NUMBERS: P546619 to P546627, P555233,
 P552104 to P552112
 SCALE: 1" = 200' DATE: JANUARY 6, 1992
 DRAWN BY: K.A.J. APPROVED BY: *[Signature]*
[Signature]

LEGEND

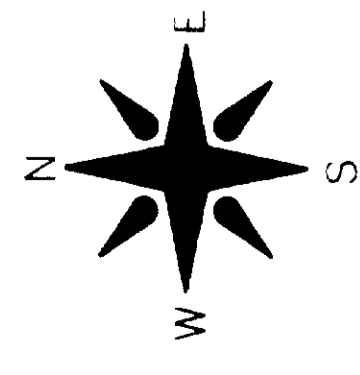
- CLAIM LINE
- SHORELINE
- WITNESS POST
- SWAMP
- CLIFF
- SLOPE
- BASE LINE
- GRAVEL ROAD
- TRENCH
- OPEN PIT
- PATENT CLAIM
- HR 4
- HR 5
- HR 1
- HR 2
- HR 3
- HR 6
- HR 7
- HR 8
- HR 9
- HR 10
- HR 11
- HR 12
- HR 13
- HR 14
- HR 15
- HR 16
- HR 17
- HR 18
- HR 19
- HR 20
- HR 21
- HR 22
- HR 23
- HR 24
- HR 25
- HR 26
- HR 27
- HR 28
- HR 29
- HR 30
- HR 31
- HR 32
- HR 33
- HR 34
- HR 35
- HR 36
- HR 37
- HR 38
- HR 39
- HR 40
- HR 41
- HR 42
- HR 43
- HR 44
- HR 45
- HR 46
- HR 47
- HR 48
- HR 49
- HR 50
- HR 51
- HR 52
- HR 53
- HR 54
- HR 55
- HR 56
- HR 57
- HR 58
- HR 59
- HR 60
- HR 61
- HR 62
- HR 63
- HR 64
- HR 65
- HR 66
- HR 67
- HR 68
- HR 69
- HR 70
- HR 71
- HR 72
- HR 73
- HR 74
- HR 75
- HR 76
- HR 77
- HR 78
- HR 79
- HR 80
- HR 81
- HR 82
- HR 83
- HR 84
- HR 85
- HR 86
- HR 87
- HR 88
- HR 89
- HR 90
- HR 91
- HR 92
- HR 93
- HR 94
- HR 95
- HR 96
- HR 97
- HR 98
- HR 99
- HR 100
- HR 101
- HR 102
- HR 103
- HR 104
- HR 105
- HR 106
- HR 107
- HR 108
- HR 109
- HR 110
- HR 111
- HR 112
- HR 113
- HR 114
- HR 115
- HR 116
- HR 117
- HR 118
- HR 119
- HR 120
- HR 121
- HR 122
- HR 123
- HR 124
- HR 125
- HR 126
- HR 127
- HR 128
- HR 129
- HR 130
- HR 131
- HR 132
- HR 133
- HR 134
- HR 135
- HR 136
- HR 137
- HR 138
- HR 139
- HR 140
- HR 141
- HR 142
- HR 143
- HR 144
- HR 145
- HR 146
- HR 147
- HR 148
- HR 149
- HR 150
- HR 151
- HR 152
- HR 153
- HR 154
- HR 155
- HR 156
- HR 157
- HR 158
- HR 159
- HR 160
- HR 161
- HR 162
- HR 163
- HR 164
- HR 165
- HR 166
- HR 167
- HR 168
- HR 169
- HR 170
- HR 171
- HR 172
- HR 173
- HR 174
- HR 175
- HR 176
- HR 177
- HR 178
- HR 179
- HR 180
- HR 181
- HR 182
- HR 183
- HR 184
- HR 185
- HR 186
- HR 187
- HR 188
- HR 189
- HR 190
- HR 191
- HR 192
- HR 193
- HR 194
- HR 195
- HR 196
- HR 197
- HR 198
- HR 199
- HR 200

INSTRUMENT: PHOENIX VLF-2
 CUTLER, MAINE 17.8 MHZ

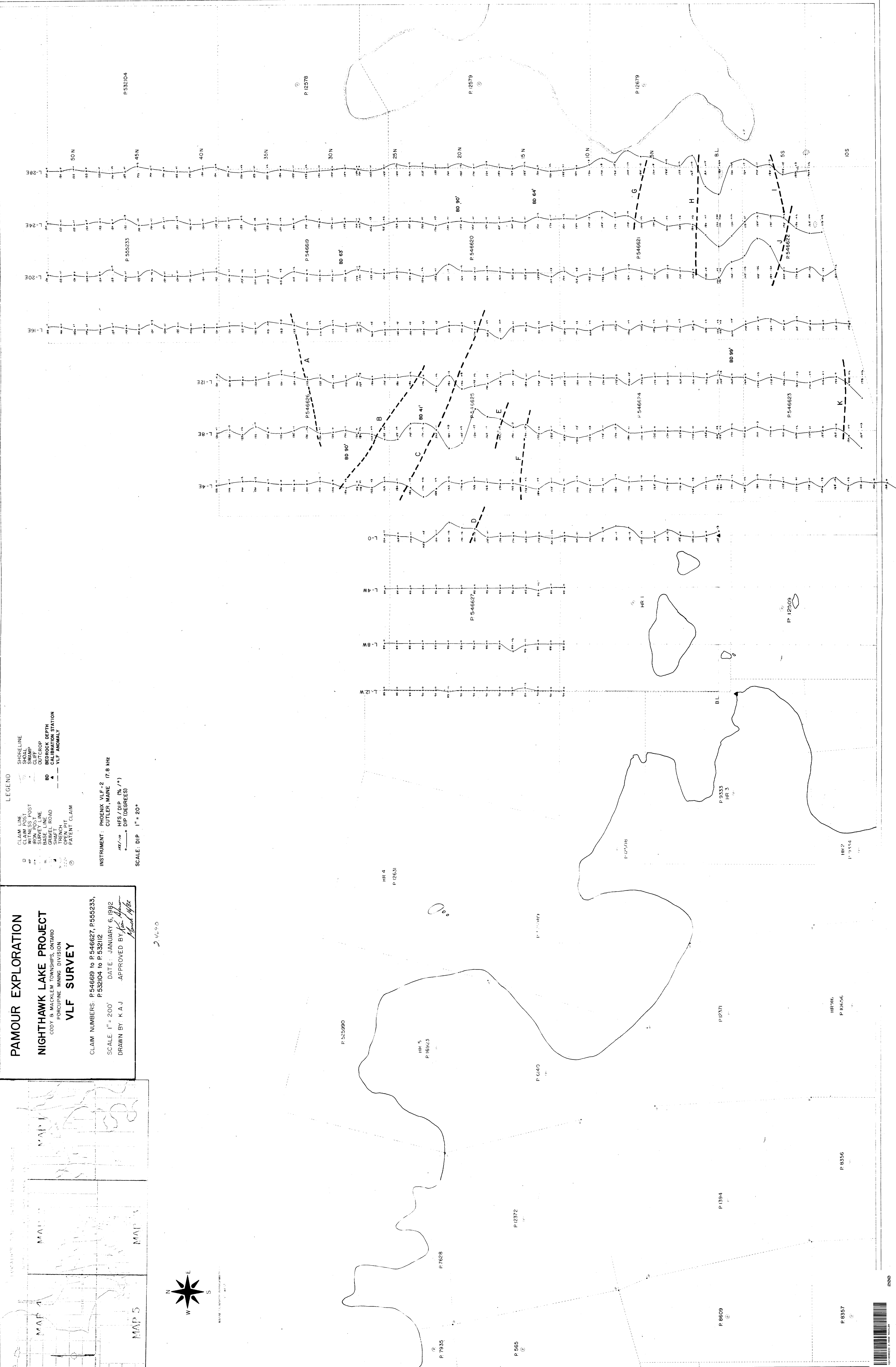
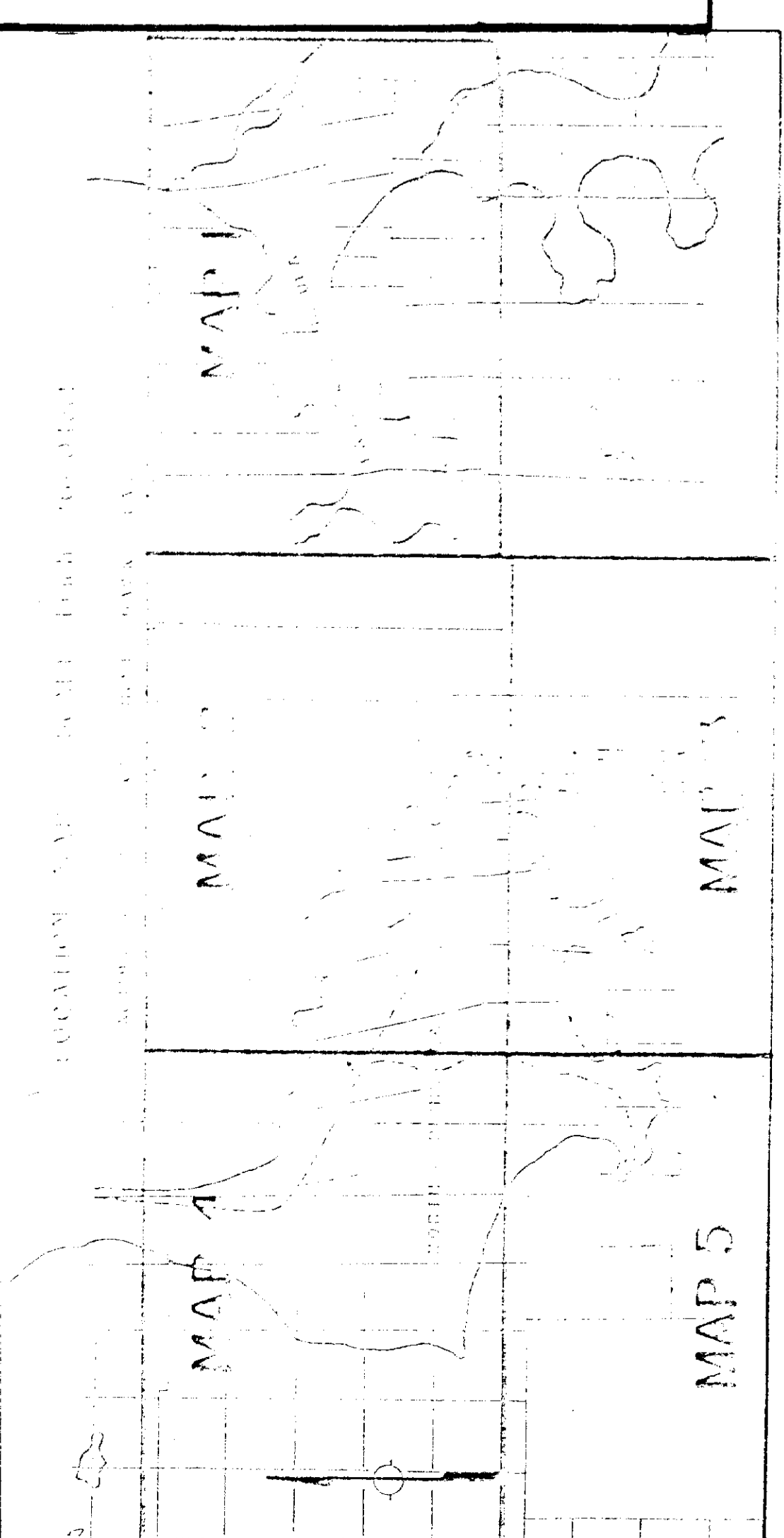
RES/100 HES/DIP (%/°)
 → DIP (DEGREES)

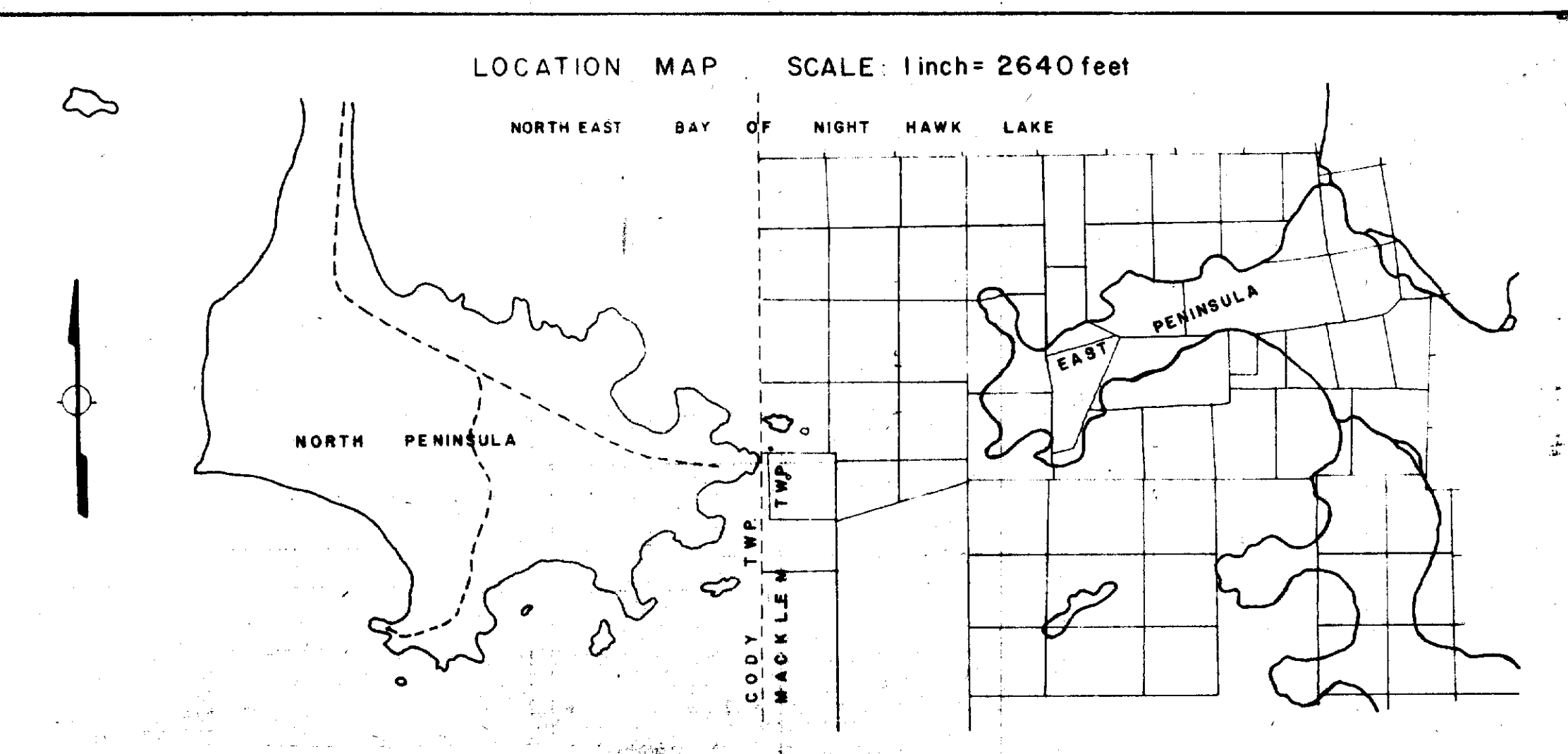
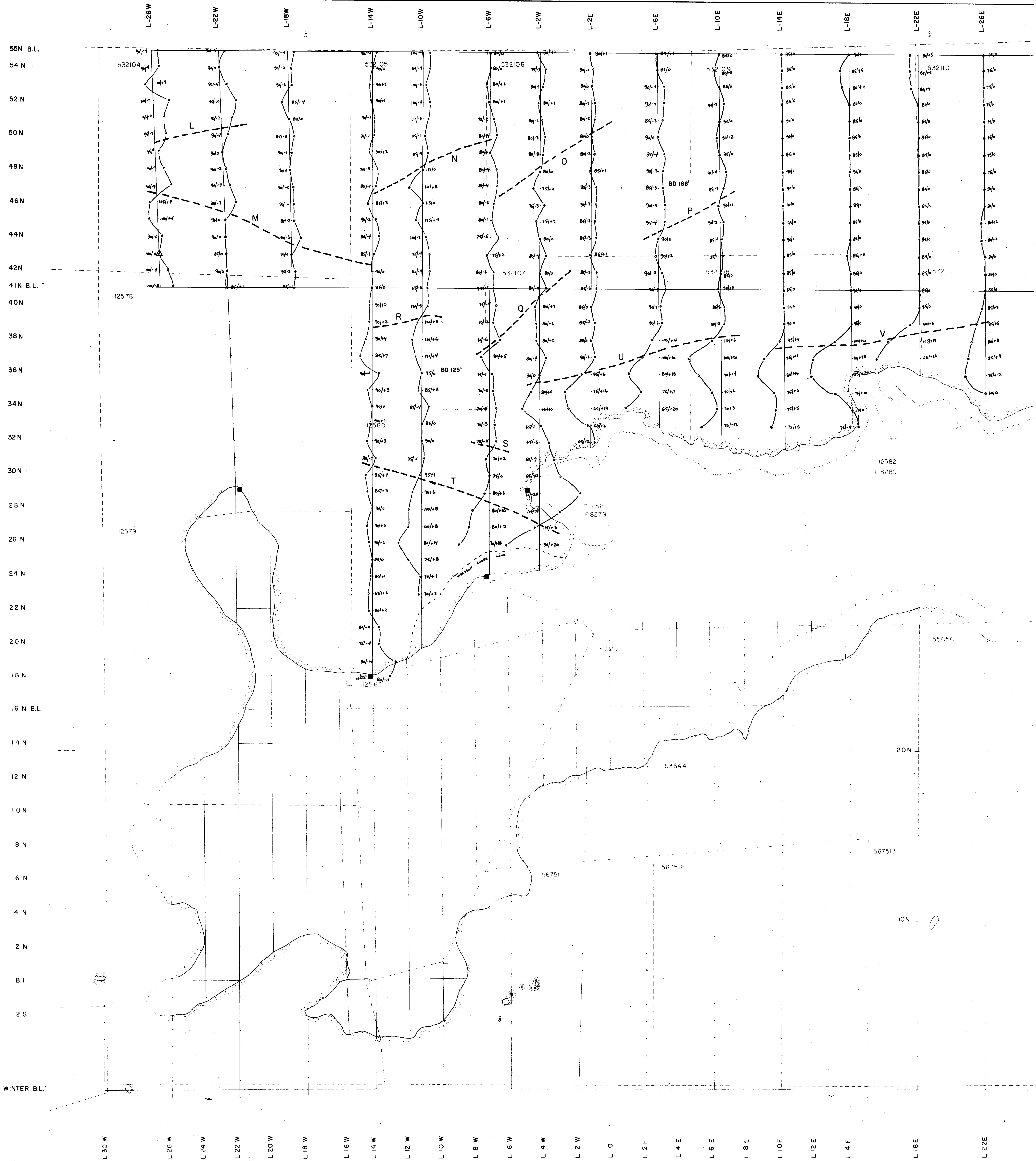
SCALE: DIP 1" = 20°

24600



MAP 4
 MAP 5





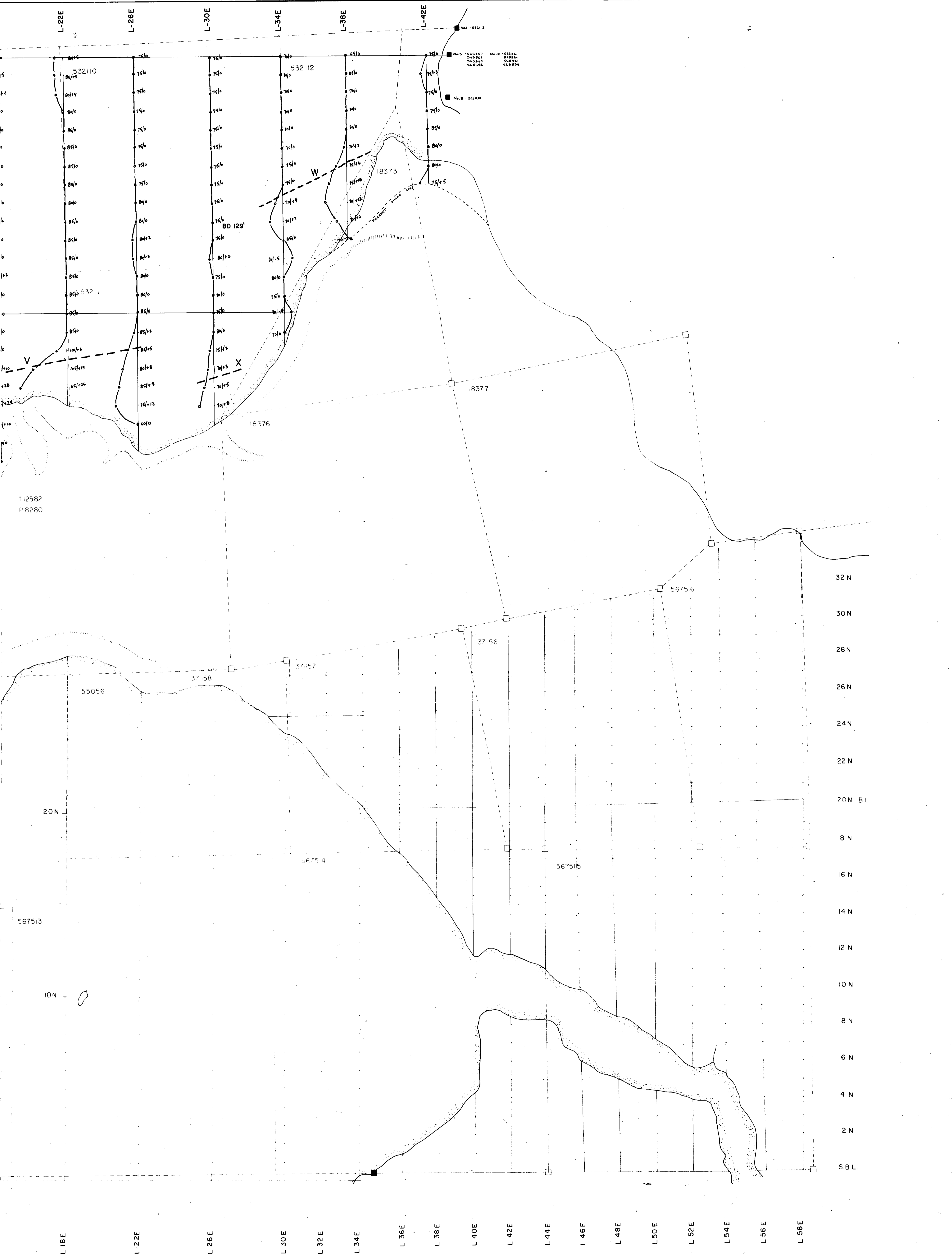
- KEY**
- SWAMP
 - SHORE LINE
 - CLIFF
 - CLAIM POST
 - APPROXIMATE POSITION
 - LOCATION CONFIRMED
 - CLAIM LINE
 - SURVEY LINE
 - B.L. BASE LINE
 - DRILL HOLE
 - BUSH ROAD
 - 567511 CLAIM NUMBER
 - BD DEPTH TO BEDROCK

INSTRUMENT: PHOENIX VLF-2
 CUTLER, MAINE
 FREQUENCY: 17.8 kHz

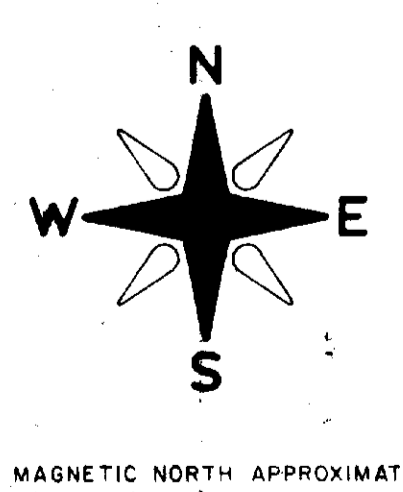
DIP
 H.F.S.
 H.F.S./DIP

SCALES: DIP 1" = 20°
 H.F.S. 1" = 100%

20° NORTH 0 SOUTH -20°



T12582
P 8280



MAGNETIC NORTH APPROXIMATELY
9° WEST

PAMOUR EXPLORATION
EAST PENINSULA PROJECT
MACKLEM TOWNSHIP, ONTARIO
PORCUPINE MINING DIVISION

VLF SURVEY

CLAIM NUMBERS: P.532104 to P.532112 incl.
SCALE: 1 inch = 200 feet DATE: JULY 8, 1981
DRAWN BY: K.A.J. APPROVED BY: *[Signature]*
March 14/82