



41I05SE2004 2.19606 HYMAN

010

GEOPHYSICS REPORT

ON THE

HYMAN-NAIRN TOWNSHIP BOUNDARY

PLATINUM PALLADIUM PROPERTY

DISTRICT OF SUDBURY

SUDBURY

MINING DIVISION

BY

Dan Patrie

2.19606

Dan Patrie
July 20, 1999

RECEIVED
JUL 22 1999
GEO SCIENCE ASSESSMENT
OFFICE
10:25 am

PROVINCIAL RECORDING
OFFICE - SUDBURY
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41I05SE2004 2.19606

HYMAN

010C

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INTRODUCTION

Dan Patrie and Sons acquired a group of 8 unpatented mining claims 68 units in Hyman and Nairn Townships in the District of Sudbury, Ontario in the Sudbury, Ontario Mining Division.

Artax Res., Inc., did a geophysics program consisting of line cutting, magnetometer survey, Induced Polarization survey and prospecting survey which began June 10th, 1999 to July 10th, 1999 with very good results. All work was done on claims after they were recorded.

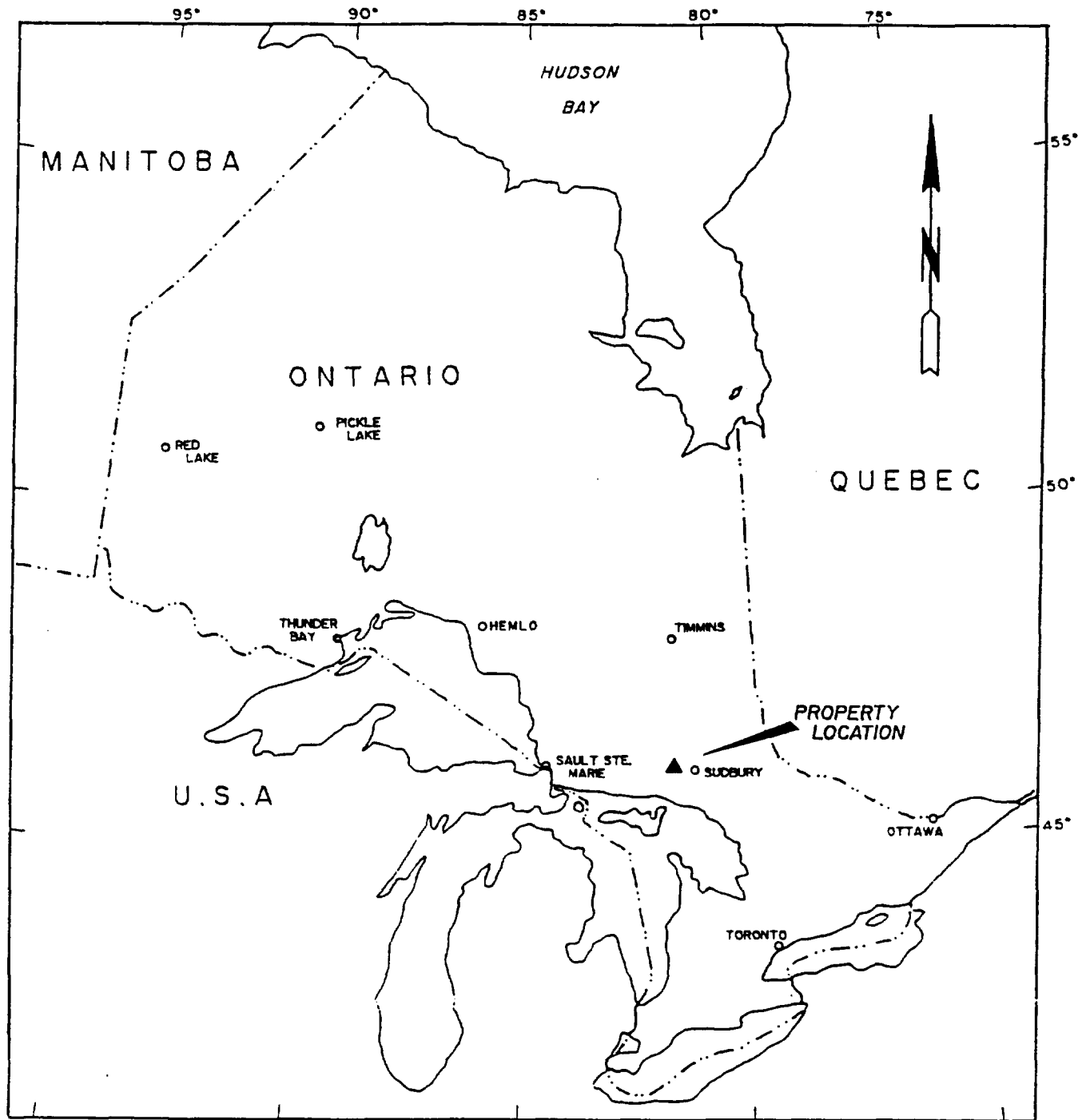
SUMMARY AND RECOMMENDATION

Hyman and Nairn Property consists of 8 unpatented mining claim, 68 units located in Hyman and Nairn Townships, Sudbury Mining Division, claim number 1229327, 1218042, 1229698, 1229597, 1229672, 1214579, 1229086 and 1229081.

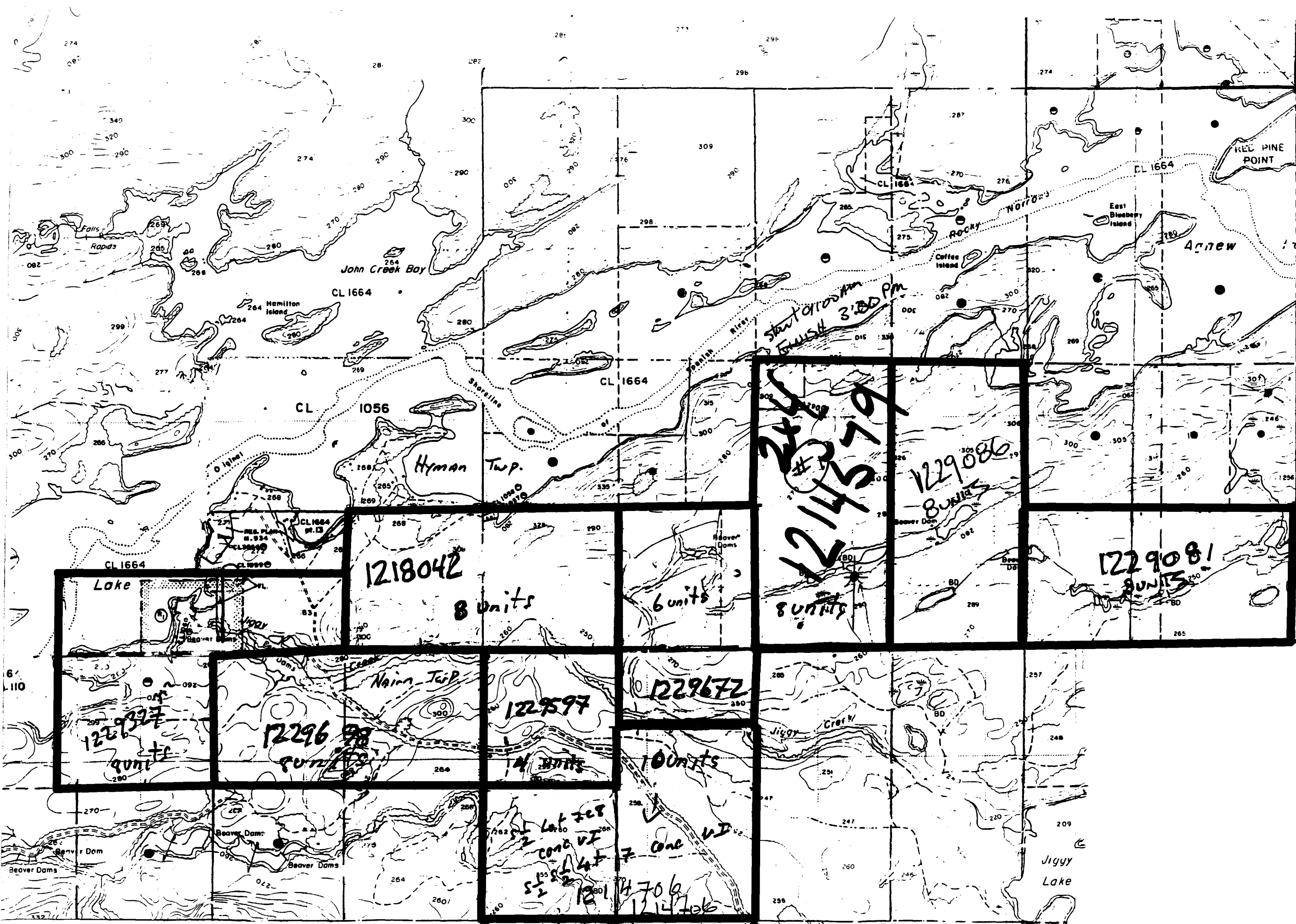
Access to The Hyman and Nairn property is by driving highway 17 west past the town of Nairn Center, Ontario and another 5 miles west, and just past the Spanish river bridge turn north on the Sand Bay Road for approximately 6 kilometres to which the road runs through the property grid and access to the showings is by walking between 400 to 600 metres.

The rock groups consist of an older metavolcanic group, which was intruded by granitic rocks of the Birch Lake batholith some 2,000 million years ago. These groups are overlain unconformably by, or are in fault contact with metamorphosed quartzitic conglomeritic and pelitic rocks of probable Huronian age. These rock groups are intruded successively by gabbroic rocks, by rocks of the Nickel Irruptive and late olivine diabase dikes.

The gabbroic and older rocks were folded and metamorphosed during an orogeny that occurred some 1,600 million years ago. The structure consists of east-trending folds of various magnitudes. Faults are very abundant and apparently steep reverse faults. Copper commonly accompanied by nickel occurs as disseminations and pods in metamorphosed Nipissing Diabase Intrusions. Minerals sought are copper, nickel and PGE deposits.



GENERAL LOCATION MAP



Start Porosom
Finish 3:30 pm

1214579
8 units

1229086
8 units

1229081
8 units

Lake
1229397
9 units

1218042
8 units

6 units

1229397
9 units

1229698
9 units

1229597
14 units

1229672
10 units

Lat 228
conc vt
Lat 7
one vt
1214706
12 units

Jiggy Creek
BD
257
248
209
Jiggy Lake

EXPLORATION HISTORY

The showings numbered 3 and 4 on the maps included. Kordol Exploration Limited held and explored the area south of Lake Agnew in 1959. Exploration work consisted of geological mapping, a ground magnetometer survey, surface trenching and sampling and diamond drilling. The main showings lie in alteration zones in a large metagabbro body and consists of pockets of disseminated or massive pyrrhotite, pyrite and chalcopyrite. A chip sample taken by Kordol over a width of 17 feet, gave the following assay: copper 1.03%, nickel 0.45%, cobalt 0.12% palladium, platinum and gold running from 50 ppb to 340 ppb.

The Keba Cu and Ni showings along the Nairn-Hyman township line were explored by Falconbridge Nickel Mines in 1957, which they did a very small grid over the showings doing a mag and vertical loop survey with poor results because of mostly being disseminated sulphides where the only method best for the survey would have been an induced polarization survey.

EXPLORATION POTENTIAL

Sulphide minerals mainly pyrrhotite, pentlandite, pyrite chalcopyrite are closely associated with gabbroic rocks in the area. The potential for finding Cu-Ni-PGE deposits in these showings are very encouraging and a more detailed exploration program should be conducted.

Also, with the new discoveries of PGE'S by Mustang Gold, and New Millenium Metals Corporation, located west of Sudbury and Pacific North West Capital, located east of Sudbury in the same type of rock setting shows the potential for more Cu, Ni, and PGE discoveries being made in sulphide pods in the Nipissing Gabbro Anorthosite rocks which is part of the Huronian-Nipissing magmatic belt, a 200 kilometre long arcuate zone of coeval early Proterozoic-aged dyke swarms, mafic intrusions and related volcanics extending from Elliot Lake to Sudbury.

In summary, it is considered that the potential of the property is association with potential PGE deposits in the gabbroic rocks of Hyman township. With the previous work of trenching and sampling with traces of platinum palladium group elements in the 1950's and the recent exploration program with very good results the property merits more exploration work.

To evaluate the potential of the property it is recommended that a program of line cutting, mapping, sampling and geophysics be completed on the property and with promising good results more claims should be added on.

A program of 16.5 kilometers of line cutting, magnetometer, induced polarization and 16 days of prospecting and sampling was performed.

RECOMMENDED EXPLORATION PROGRAM

The surveys should include as follows:

1. Line cutting a north south grid with chain saws picketing and chaining every 25 metres.
2. Magnetometer readings at every station on the line with EDA Omni-Plus magnetometers with a base station correcting the diurnal drift and plotting the data contoured with Geosoft computer program.
3. Induced polarization survey with a 12 kilowatt generator and a pheonix transmitter with an "a" spacing of 25 metres and 4 to 6 levels read and plotted resistivity and chargeability in pseudosection.
4. Mapping and sampling along grid lines and assaying samples.

Following completion of this work and contingent upon the results then additional work should be considered to further evaluate the economic potential of the property for PGE mineralization.

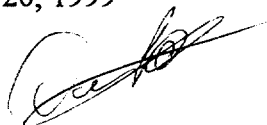
This report summarizes the results obtained from the work carried out during the current program and the interpretation is speculative.

Respectfully submitted,

Daniel F. Patrie

Geology and Geophysics Technologist

July 20, 1999



INSTRUMENTATION AND WORK DONE

MAGNETOMETER

The magnetometer survey was carried out using a Scintrex Envi-I unit with the total field being measured and a station magnetometer for correcting magnetic drift. These are total field magnetometers which measure the magnetic field through the use of proton precessional effects caused by the interaction of a magnetic field with a spin aligned, proton rich fluid. An instrument accuracy precision and resolution of 0.1 nt may be obtained with these instruments under ideal conditions. Microprocessors contained in these instruments allow for the collection of the readings along with the time and its position in digital form suitable for downloading to a computer for data processing.

A total of 16.5 kilometers of magnetic readings were taken and readings were taken along the lines at 25 meter station intervals. The field measurements were corrected for diurnal variations of the earth's magnetic field by direct subtraction of the base station readings from the reading taken at the same moment in the field units. The corrected data was then downloaded to a computer and plotted on the total field magnetic map.

INDUCED POLARIZATION SURVEY

A total of 16 kilometers of induced polarization survey was done on the property with readings taken every 50 meters and 6 levels 1 to 6 read. The survey was a time domain pole dipole survey with a "a" spacing of 50 meters and was read with a Walcer MG-12 motor generator and a Huntex Tx Model 7500 transmitter and a Scintrex IPR-12 receiver. The motor generator and transmitter were stationary on the end of the line being read and current transmitted through a wire with an electrode driven down through the ground for a good contact and then transmitting current to that electrode from the transmitter by the transmitter man which is contact by radio to the receiver man. Ahead of the live current electrode is a crew of men driving electrodes in winter and using porous pots in summer at every station to be read

and connected to the pots or electrode by length of wire from the receiver where the receiver operator picks up the readings in the receiver with the IPR-12. The data is then downloaded from the receiver at the end of the day to a computer where the resistivity and chargeability is calculated and plotted using Geosoft software for the earth sciences in pseudosection maps.

INTERPRETATION

The total field magnetic survey produced 3 anomalies running across the property. The magnetic survey shows a large anomaly centered across the middle of the grid an east west direction at 6+00 south and one striking north northwest from 5+00 south on line 9+00 east to 2+00 north on line 6+00 east and to the north on lines 0 to 5+00 east from 1+00 north to 5+00 north.

The induced polarization survey picked up a large zone of high chargeability and corresponding low resistivity across the grid in an east west direction and open at both ends with a width of 500 to 1200 meters.

The induced polarization survey proved successful in finding areas of disseminated sulphides which merit more exploration such as drilling these anomalies.

The chargeability values for the anomalies are above background and are consistent with metallic mineralization. The bulk resistivity values also, correspond to a mineralized target.

Background values between 2mV/V and 5mV/V are caused by electrolytic polarization as opposed to the combination of electrolytic and electrode polarization in the case of metallic mineralization. The resistivity plots show bulk resistivity corresponding to bedrock values. Also, for a better observation of data interpretation see maps in back of report.

CONCLUSIONS

With the presence of a favorable geological environment and the recent discovery of PGM by New Millenium Metals Corporation, Mustang Minerals Inc., and Pacific North West Capitol and the recent prospecting survey over the grid with anomalous values in the same rock type lends credence to the potential of the property hosting either a PGM or copper/nickel deposit. This considered, shows the Hyman/Nairn property to be very favorable geological environment for the localization of economic importance. To further evaluate the property's potential, with the encouraging results of the geophysics survey the writer recommends on going work consisting of line cutting and geophysical surveys over the balance of the property not covered and test drilling the anomalies found.

Dan Patrie

July 20, 1999

A handwritten signature in black ink, appearing to read 'Dan Patrie', is written over the typed name.

REFERENCES

1. R. M Ginn, 1965, Ontario Department of Mines, Geological Report No. 35, Nairn and Lorne Townships.
2. K. D. Card, 1965, Ontario Department of Mines, Geological Report No. 34, Hyman and Drury Townships.
3. K. D. Card, 1978, Ontario Geological Survey, Report 166, Geology of the Sudbury-Manitoulin Area, Districts of Sudbury and Manitoulin.

PERSONNEL

**Dan Patrie
P.O. Box 45
Massey, Ontario
POP 1P0**

**Bryan Patrie
Spanish, Ontario**

**Brent Patrie
Elliot Lake, Ontario**

**Henry Grimmard
Spanish, Ontario**

**J. P. Patrie
Algoma Mills, Ontario**

**Bronson Ede
Spanish, Ontario**

**Claude Dubrueil
Spanish, Ontario**

CERTIFICATE OF QUALIFICATION

I, Daniel Patrie do hereby certify:

1. That I am a Geology and Geophysics Technologist and I reside at Hwy. 17 West, P.O. Box 45, Massey, Ont., Canada, P0P 1P0,
2. I graduated from Cambrian College Of Applied Arts and Technology, Sudbury, Ontario, in 1987 with a diploma in Geological Technology with a one year certificate in Geophysics,
3. And I have practiced my profession continuously since graduation, as well as being an active prospector since 1972.
4. That my report on the Hyman Nairn Township Property, Sudbury Mining Division, Ontario, is based on my personal knowledge of the geology of the area, and on a review of published and unpublished information on the property and surrounding area.
5. That I supervised the entire exploration program.



Daniel F. Patrie

Geology and Geophysics Technologist (Dipl. T)

July 20, 1999



ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

Page 2 1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Dan Patrie
P.O. Box 45
Massey, Ontario
P0P 1P0
Fax (705) 844-2057

July 13, 1999

Job# 8940871

Accurassay	SAMPLE # Customer	Palladium ppb	Gold ppb	Platinum ppb
	30			
	31 Check	<10	<5	<15
	32	<10	<5	<15
	33	<10	<5	<15
	34	<10	<5	<15
	35	<10	131	<15
	36	<10	151	<15
	37	<10	19	<15
	38	<10	<5	<15
	39	51	8	29
	40	282	29	182
	41 Check	63	34	29
	42	54	24	34
		105	20	79

Certified By:



ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

Page 1 1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Dan Patrie
P.O. Box 45
Massey, Ontario
P0P 1P0
Fax (705) 844-2057

July 13, 1999

Job# 9940671

SAMPLE #		Palladium	Gold	Platinum
Accurassay	Customer	ppb	ppb	ppb
1	63001	58	24	55
2	63002	<10	6	<15
3	63003	<10	<5	17
4	63004	<10	<5	<15
5	63005	<10	<5	<15
6	63006	<10	<5	<15
7	63007	18	5	24
8	63008	184	18	243
9	63009	59	21	65
10	63010	58	7	25
11 Check	63010	58	<5	20
12	63011	43	69	<15
13	63012	34	<5	27
14	63013	39	<5	36
15	63014	96	52	80
16	63015	<10	<5	<15
17	63016	49	28	27
18	63017	<10	<5	<15
19	63018	<10	<5	<15
20	63019	342	16	143
21 Check	63019	309	47	149
22	63020	<10	<5	<15
23	63021	<10	<5	<15
24	63022	<10	<5	<15
25	63023	<10	<5	<15
26	63024	48	<5	<15
27	63025	<10	<5	<15
28	63026	<10	13	<15
29	63027	86	43	38

Certified By:

PROSPECTING DAILY LOG

BY

J. P. PATRIE

- June 20/99 Prospected area of old trench at 50 meters west of line 0 at 5+50 south.
- June 21/99 Prospected contact between gabbro quartzite hill from line 0 to 300 east at 800 to 1000 south.
- June 22/99 Prospected along north side of esker to bay at lake Agnew from line 0 to 1000 east at 300 north between road and esker.
- June 23/99 Prospected south side of esker along gabbro hill from line 0 to line 1000 east at 100 north.
- June 24/99 Prospected along line 0 to 300 east along trenches at 300 south.
- June 25/99 Prospected south of base line on line 700 east to 1000 east to 400 south.
- June 26/99 Prospected along trench at line 800 east to 900 east at 400 south.
- June 27/99 Prospected around gravel pit area and to the east near gabbro outcrop at line 400 east to 500 east at 700 south to 800 south.
- June 30/99 Prospected south of creek along cliff from line 800 east to 1000 east at 550 south.
- July 03/99 Prospected along lines 500 east to 800 east at 600 south near gossan area.
- July 04/99 Prospected from line 600 east to 900 east along sheared gabbro at 800 south.
- July 05/99 Prospected, sampled and mapped in gravel pit area on line 400 east to 500 east at 700 south.
- July 06/99 Mapped in old trench at line 800 east to 900 east at 400 south.
- July 07/99 Mapped in trench at 50 west at 450 south on west side of road.
- July 08/99 Mapped in trenches on line 100 east and 300 east at 350 south.
- July 09/99 Mapped in all roads and trails and swamp tying them in to grid.
- Note: Samples were taken and areas tagged with flagging while sampling and mapping was done. Also see base map included with report.

J. P. Patrie

Prospector

July 20, 1999





41105SE2004 2.19606 HYMAN 900

ity of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the d to review the assessment work and correspond with the mining land holder. ing Recorder, Ministry of Northern Development and Mines, 6th Floor.

PROVINCIAL RECORDING OFFICE - SUDBURY
RECEIVED
 JUL 22 1999
 A.M. C 0:05 P.M.
 7|8|9|10|11|12|1|2|3|4|5|6

Instructions: - For work performed on Crown Lands before recording a claim, use Form 0240.
 - Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name <i>Dan Patrie Exploration Ltd.</i>	Client Number <i>303682</i>
Address <i>Box 45</i>	Telephone Number <i>705-844-2113</i>
<i>Massy, Ontario P0P1P0</i>	Fax Number <i>705-844-2057</i>
Name	Client Number
Address	Telephone Number
	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

Geotechnical: prospecting, surveys, assays and work under section 18 (regs) **Physical: drilling, stripping, trenching and associated assays** **Rehabilitation**

Work Type <i>L.C., I.P., MAG, Prospecting & Assays</i>	Office Use
	Commodity
	Total \$ Value of Work Claimed <i>37,740</i>
Dates Work Performed From <i>10</i> Day <i>6</i> Month <i>99</i> Year To <i>10</i> Day <i>7</i> Month <i>99</i> Year	NTS Reference
Global Positioning System Data (if available)	Mining Division <i>Sudbury</i>
Township/Area <i>Hyman & Nairn</i>	Resident Geologist District
M of G-Plan Number <i>G-2966</i> <i>dg-2976</i>	

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
 - provide proper notice to surface rights holders before starting work;
 - complete and attach a Statement of Costs, form 0212;
 - provide a map showing contiguous mining lands that are linked for assigning work;
 - include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name <i>DAN PATRIE</i>	Telephone Number <i>705-844-2113</i>
Address <i>SAME AS ABOVE</i>	Fax Number <i>TW</i>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECORDED
 JUL 22 1999
TW

RECEIVED
 JUL 22 1999

RECEIVED
 JUL 22 1999
 GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, *Daniel F. Patrie* (Print Name) do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent: *Dan Patrie* Date: *July 20/99*
 Agent's Address: *Box 45 Massy Ont P0P1P0* Telephone Number: _____ Fax Number: _____

Deemed Oct. 20 1999

the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 1218042'	8	\$ 21,220	6,400	\$ 9,600	\$ 5,220
2 1229698'	8	\$ 14,160	6,400	0	\$ 7,760
3 1229597'	4	\$ 2,360	3,200	0	\$ 2,360
4 1214579	8	0	6,400	0	0
5 1229327	8	0	0	0	0
6 1229677	6	0	0	0	0
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		\$ 37,740	\$ 22,400	\$ 9,600	\$ 15,340

I, Daniel F. Patrie (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing

Date

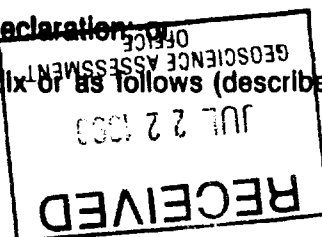
D. Patrie

July 20/99

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration.
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):



Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp

Deemed Approved Date

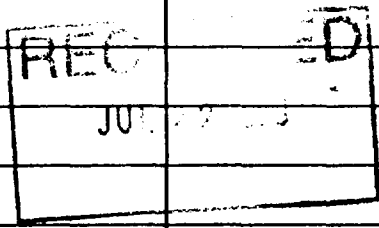
Date Notification Sent

Date Approved

Total Value of Credit Approved

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit	Total Cost
Line Cutting	16.5 kms	\$325	\$5,362.50
Induced Polarization	16 kms	\$1,280	\$20,480.00
MAG	16.5 kms	\$110	\$1,815.00
Prospecting	16 days	\$150	\$2,400.00
Report + Plotting			2,500.00 ✓
ASSAYS	40 samples	\$32/sample	\$1,280.00
Supervision	Dan Patric		\$1,957.50 ✓
Associated Costs (e.g. supplies, mobilization and demobilization).			
Contractor (artax) meals + mob.			\$2,000.00 ✓
Transportation Costs			
Food and Lodging Costs			
Total Value of Assessment Work			\$37,740



Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

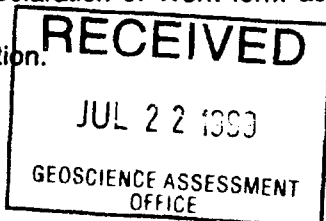
TOTAL VALUE OF ASSESSMENT WORK × 0.50 = Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Daniel F. Patric (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as President I am authorized (recorded holder, agent, or state company position with signing authority) to make this certification.



Signature: [Signature] Date: JUL 20 1999



Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9845
Fax: (877) 670-1555

November 16, 1999

DAN PATRIE EXPLORATION LTD.
Box 45
MASSEY, ONTARIO
P0P-1P0

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

Submission Number: 2.19606

Status

Subject: Transaction Number(s): W9970.00251 Approval After Notice

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact LUCILLE JEROME by e-mail at lucille.jerome@ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Blair Kite".

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.19606

Date Correspondence Sent: November 16, 1999

Assessor: LUCILLE JEROME

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9970.00251	1218042	HYMAN, NAIRN	Approval After Notice	November 16, 1999

Section:

14 Geophysical IP
14 Geophysical MAG
9 Prospecting PROSP

The 45 days outlined in the Notice dated September 29, 1999 have passed.

Assessment work credit has been approved as outlined on the attached Distribution of Assessment Work Credit sheet.

The TOTAL VALUE of assessment credit that will be allowed, based on the information provided in this submission, is \$31,406.00.

Correspondence to:

Resident Geologist
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

DAN PATRIE EXPLORATION LTD.
MASSEY, ONTARIO

Assessment Files Library
Sudbury, ON

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: November 16, 1999

Submission Number: 2.19606

Transaction Number: W9970.00251

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1218042	17,650.00
1229698	11,756.00
1229597	2,000.00
Total: \$	31,406.00

INDEX TO LAND DISPOSITION

PLAN
G-2966
TOWNSHIP

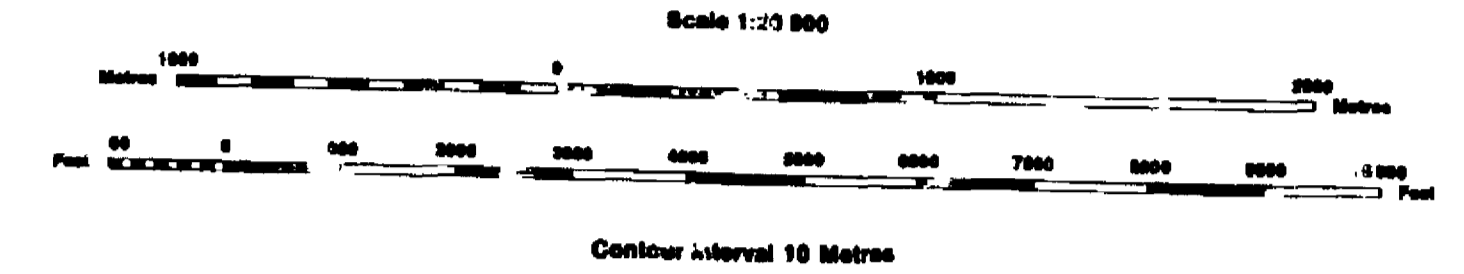
THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED.

NOV 22 1999

HYMAN

THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

M.N.R. ADMINISTRATIVE DISTRICT
ESPANOLA / SUDBURY
MINING DIVISION
SUDBURY
LAND TITLES/REGISTRY DIVISION
SUDBURY



AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
O.C.		9/1/85	M.R.O.	9290
			PENDING S.R.O. APPLICATION UNDER PUBLIC LANDS ACT.	

SYMBOLS

Boundary	
Township, Meridian, Baseline	—
Road allowance; surveyed	—
shoreline	—
Lot/Concession; surveyed	—
unsurveyed	—
Parcel; surveyed	—
unsurveyed	—
Right-of-way; road	—
railway	—
utility	—
Reservation	—
Cliff, Pit, Pile	—
Contour	—
Interpolated	—
Approximate	—
Depression	—
Control point (horizontal)	—
Flooded land	—
Mine head frame	—
Pipeline (above ground)	—
Railway; single track	—
double track	—
abandoned	—
Road; highway, county, township	—
access	—
trail, bush	—
Shoreline (original)	—
Transmission line	—
Wooded area	—

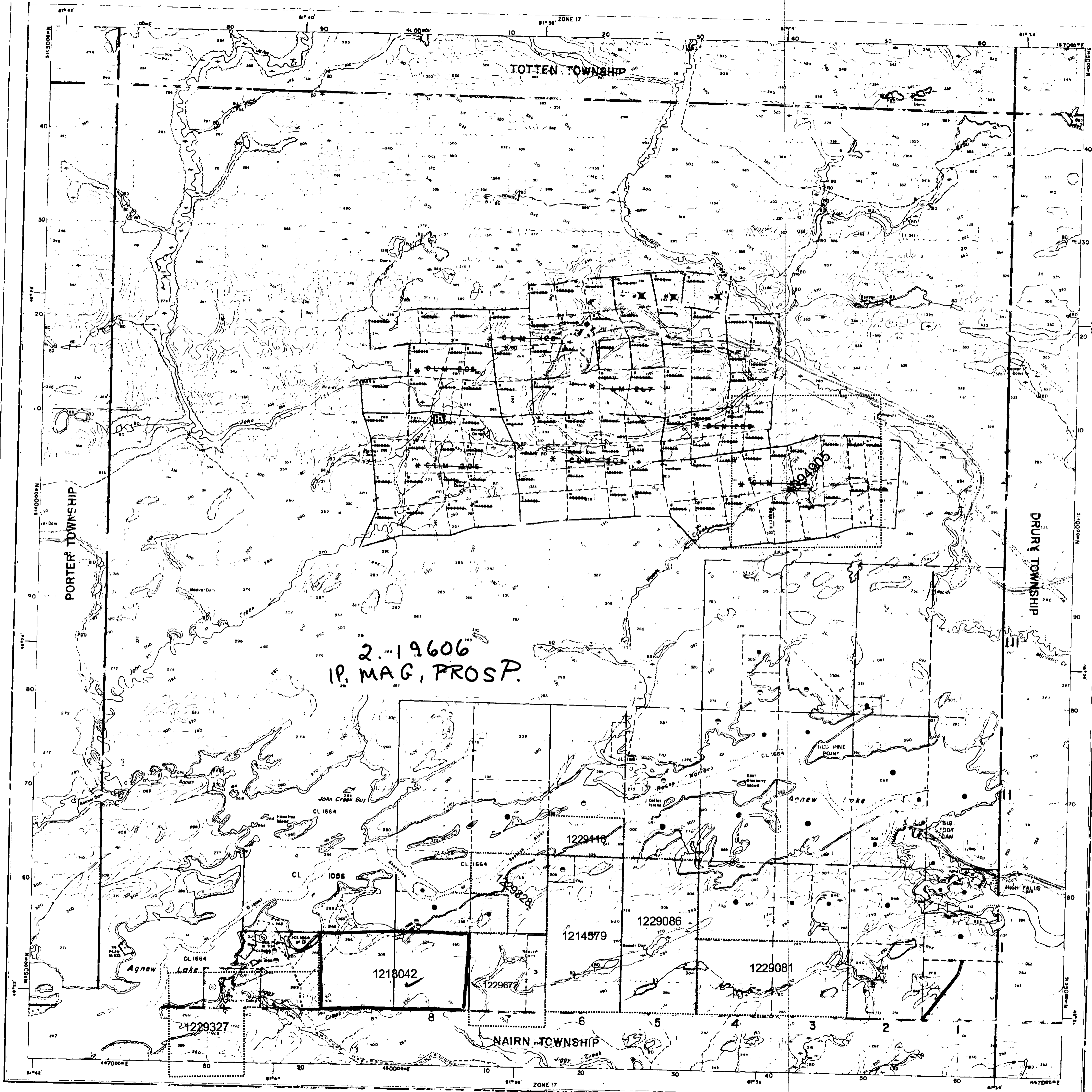
NOTES

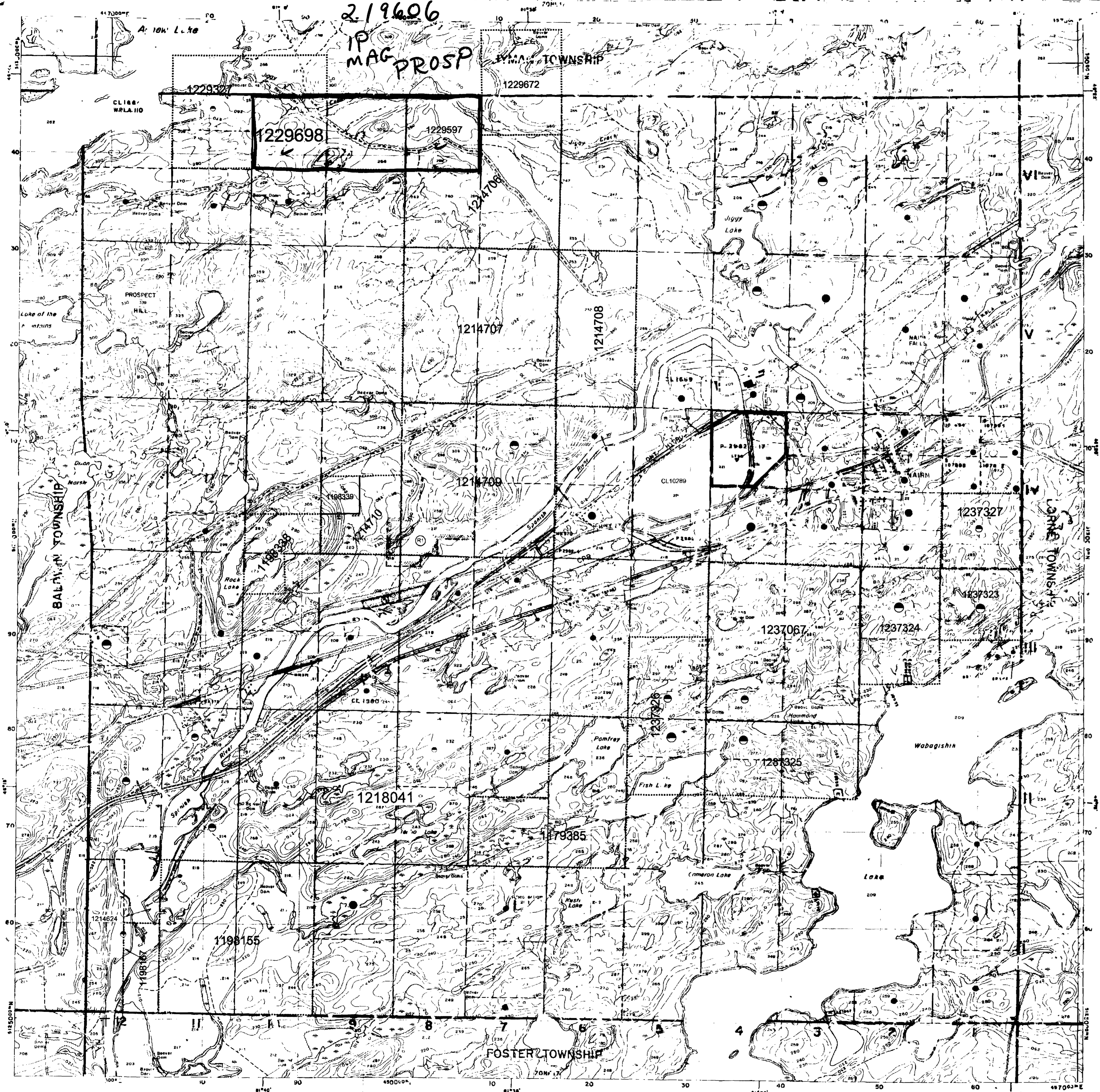
THE SUBDIVISION OF THE TOWNSHIP OF HYMAN AS LAID OUT INTO LOTS AND CONCESSIONS WAS PARTIALLY ANNULLLED BY THE REGISTRY ACT OF 1970 AND OCT 28, 1970. W.P.L.A. # 101 BY CL 1664 ALSO THE ... OF THE SPANISH RIVER. LOTS 7 AND 7, CONCESSION 1, LOTS 1-8 IN LUBRIVE, CONCESSION 11, AND LOTS 3 AND 7, CONCESSION 11 - CLAIMS TAKEN IN THE ABOVE LOTS ARE SUBJECT TO REG-109 AS D. 1980 OF "MINING ACT" FILE 17335
* LAND RE-OPENED JUNE 1, 1992
□ APPLICATION UNDER REG.30(6)

DISPOSITION OF CROWN LANDS

Patent	
Surface & Mining Rights	●
Surface Rights Only	○
Mining Rights Only	◐
Lease	
Surface & Mining Rights	■
Surface Rights Only	□
Mining Rights Only	◑
Licence of Occupation	▲
Order-in-Council	OC
Cancelled	⊗
Reservation	⊙
Sand & Gravel	⊕
LAND USE PERMIT	⊛

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.



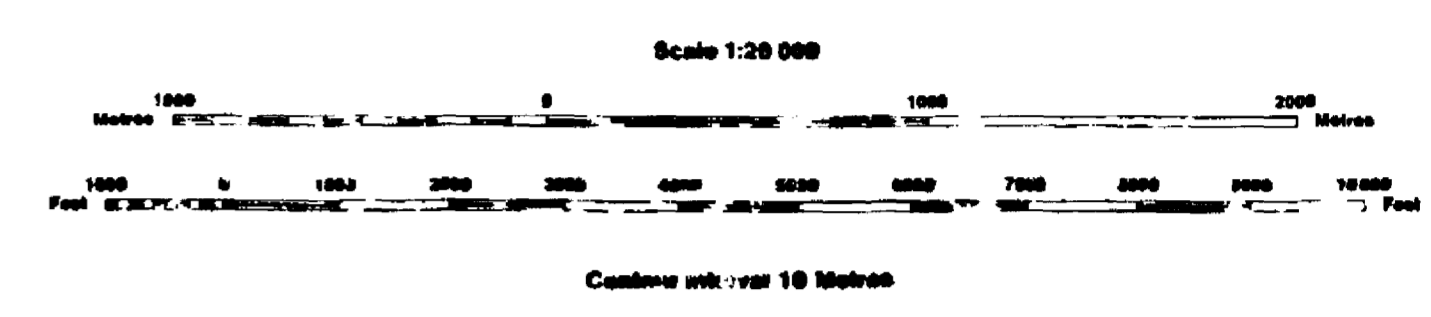


In Service June 30, 1992

INDEX TO LAND DISPOSITION

PLAN
G - 2976
 TOWNSHIP
NAIRN

M.N.R. ADMINISTRATIVE OFFICER
FSPANOLA
 MINING CLAIM NO.
SUDBUKY
 LAND FILED/RECORDED NO.
SUDBUKY
 NOV 22 1999
 THOSE WHOSE INTERESTS IN MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.



AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M.+S. - MINING AND SURFACE RIGHTS

SYMBOLS

Description	Order No.	Date	Disposition	File
(R1) SEE 16/90	W1/94	10/1/94	S.R.O.	168839
(R2) SEE 34/93	W4/96 NR	10/12/96	S.R.O.	

Boundary	.....
Township, Meridian, Baseline	.....
Road allowance; surveyed	.....
shoreline	.....
Lot/Concession; surveyed	.....
unsurveyed	.....
Parcel; surveyed	.....
unsurveyed	.....
Right-of-way; road	.....
railway	.....
utility	.....
Reservation	.....
Cliff, Pit, Pile	.....
Contour	.....
Interpolated	.....
Approximate	.....
Depression	.....
Control point (horizontal)	.....
Flooded land	.....
Mine head frame	.....
Pipeline (above ground)	.....
Railway; single track	.....
double track	.....
abandoned	.....
Road; highway, county, township	.....
access	.....
trail, bush	.....
Shoreline (original)	.....
Transmission line	.....
Wooded area	.....

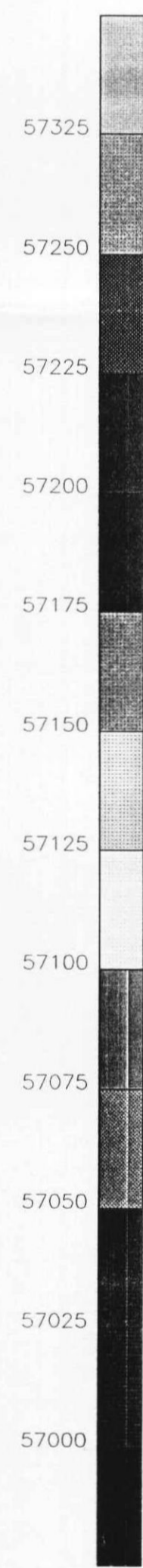
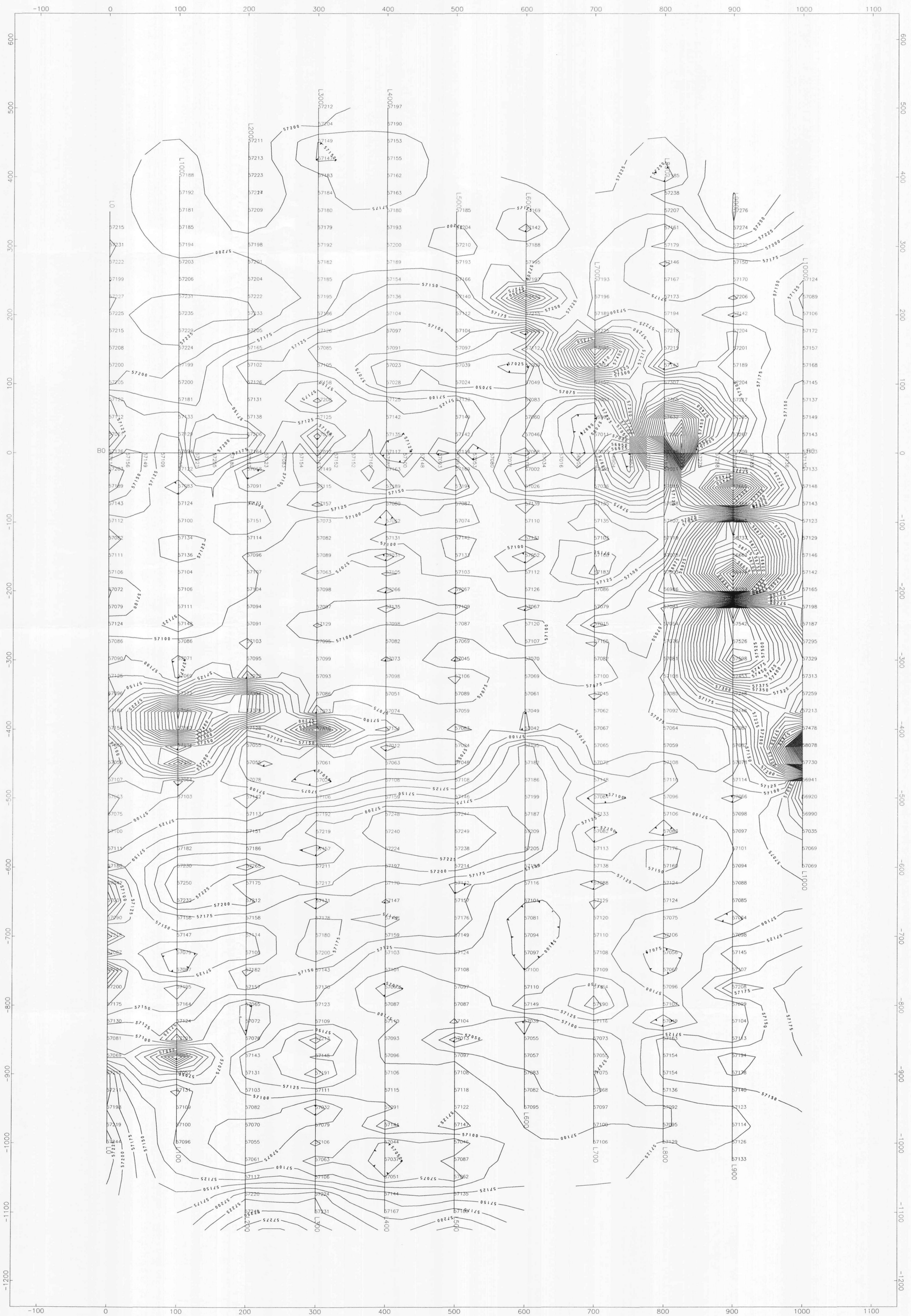
DISPOSITION OF CROWN LANDS

Patent	.....
Surface & Mining Rights	.....
Surface Rights Only	.....
Mining Rights Only	.....
Loose	.....
Surface & Mining Rights	.....
Surface Rights Only	.....
Mining Rights Only	.....
Licence of Occupation	.....
Order-in-Council	.....
Cancelled	.....
Reservation	.....
Sand & Gravel	.....
LAND USE PERMIT	.....

NOTES
 400 FOOT SURFACE RIGHTS RESERVATION AROUND ALL LAKES AND RIVERS.
 APPLICATION UNDER SEC.30(b) Dec.28/98 See Land Rail File

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WHOSE INTERESTS IN MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

Map base and land disposition drafted by Surveying and Mapping Branch, Ministry of Natural Resources. This disposition of land, located on lot fabric 1:3 parcel boundaries on this index, is compiled for administrative purposes only.



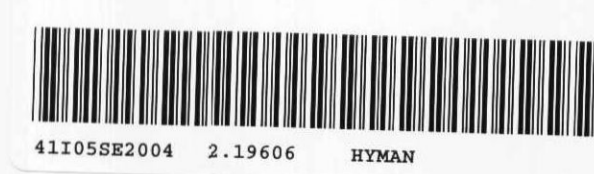
TOTAL FIELD MAGNETICS 2.19606

CONTOURED @ 25nT

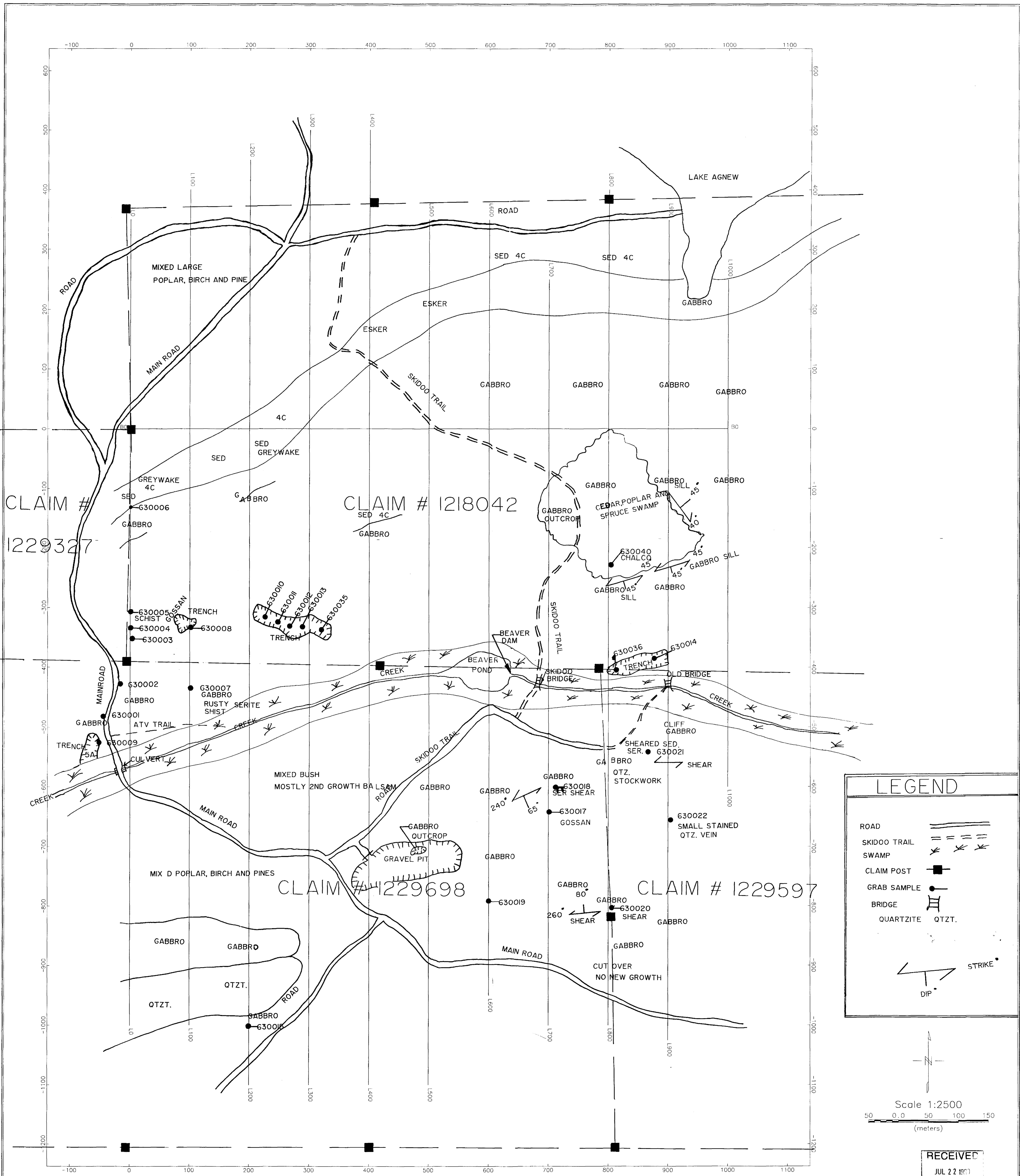
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GEOSCIENCE ASSESSMENT
OFFICE



Scale 1:2500
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(meters)



DAN PATRIE
AGNEW LAKE PROJECT
TOTAL FIELD MAGNETICS SURVEY
BASESTATION CORRECTED
DATUM SUBTRACTED ONT
REFERENCE FIELD 57160nT
INSTRUMENT USED: SCIENTREX ENVI SYSTEM
DRAWN BY: ARIFAX RES. LTD.
GEO-SOFT OASIS MONTAJ 4.1C



LEGEND

ROAD	
SKIDOO TRAIL	
SWAMP	
CLAIM POST	
GRAB SAMPLE	
BRIDGE	
QUARTZITE	

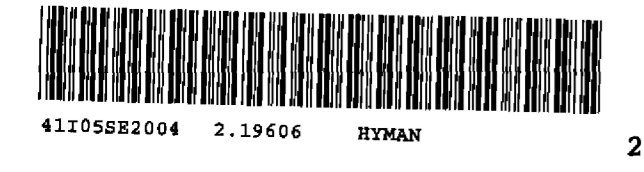
STRIKE
DIP

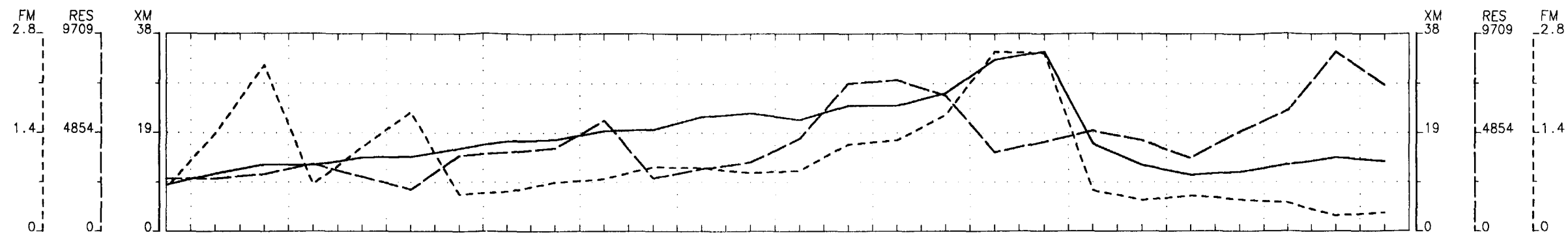
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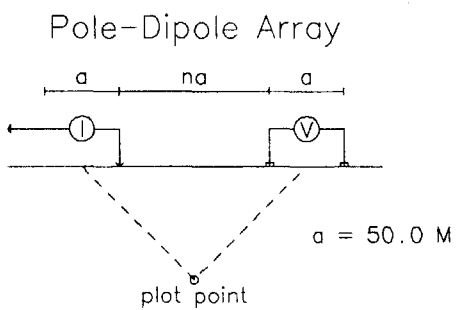
DAN PATRIE
AGNEW LAKE PROJECT
BASE MAP
DRAWN BY: ARTAX RES. LTD.
GEO-SOFT OASIS MONTAJ 4.1C





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 GEOSCIENCE ASSESSMENT
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Line 900 E



Filter
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240 METAL FACTOR

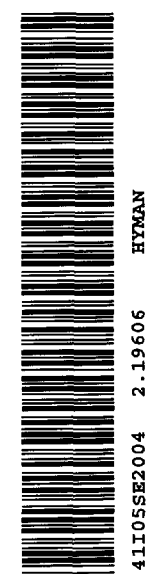
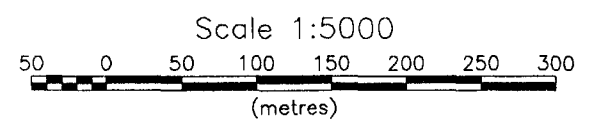
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n=1	0.61	1.4	2.3	0.67	1.2	1.7	0.52	0.56	0.69	0.74	0.91	0.90	0.83	0.86	1.2	1.3	1.6	2.5	2.5	0.58	0.44	0.50	0.45	0.10	0.22	0.26	
n=2	0.53	2.7	8.3	0.91	1.6	4.1	0.43	0.50	0.21	0.10	0.51	0.91	0.78	0.29	0.18	0.15	0.080	0.47	0.23	1.2	0.35	0.23	0.20	0.57	0.20	0.24	
n=3		0.80	2.5	0.46	0.52	4.6	0.58	0.24	0.41	0.21	0.47	0.85	0.50	0.76	0.18	0.12	0.10	0.57	10	0.50	0.35	0.33	1.1	0.43	0.15	0.10	0.36
n=4			1.1	0.28	0.36	2.3	0.69	0.46	0.32	0.25	1.2	0.82	0.56	0.94	0.53	0.15	0.10	0.12	6.2	0.28	0.39	0.39	0.26	0.61	0.12	0.22	0.19
n=5				0.15	0.25	1.7	0.38	0.69	0.73	0.21	1.1	2	0.59	1.2	0.67	0.45	0.13	0.46	3.7	0.19	0.19	1.2	0.90	0.60	0.48	0.090	0.21
n=6					0.14	1.3	0.16	0.34	0.86	1.3	0.91	0.90	2.2	2.1	0.59	0.86	1.5	0.56	18	0.18	1.6	0.24	0.51	1	0.12	0.90	0.19
n=6						0.65	0.24	0.24	0.53	0.38	1.6	0.63	0.64	0.97	0.60	0.52	0.23	1.1	9.2	0.24	0.11	0.10	0.18	0.37	0.12	0.11	0.59

METAL FACTOR

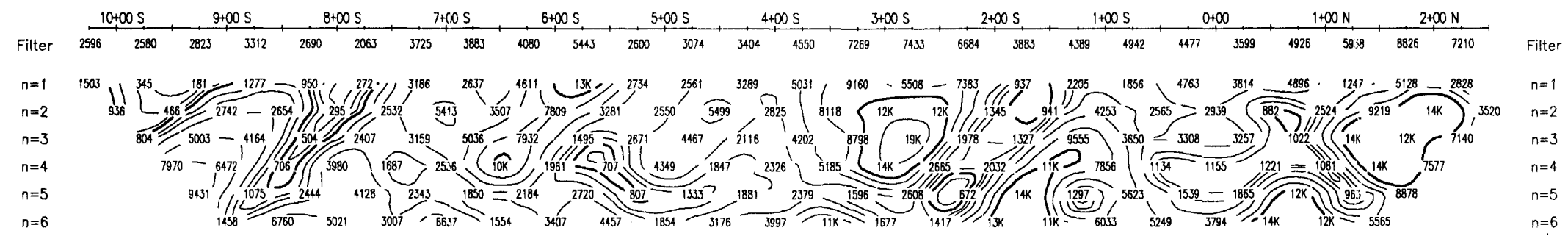
Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

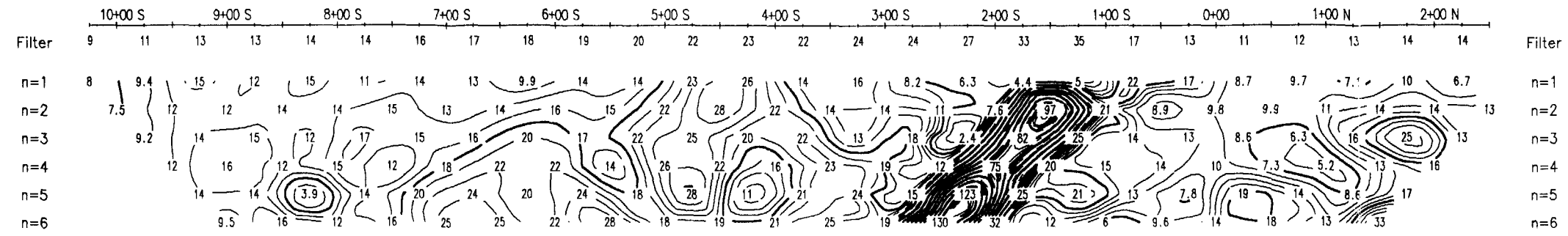


RESISTIVITY ohm-m



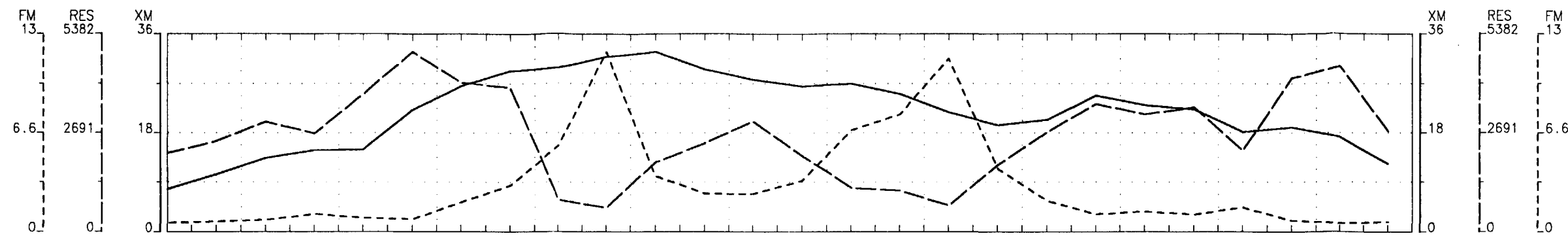
RESISTIVITY ohm-m

CHARGEABILITY mV/V



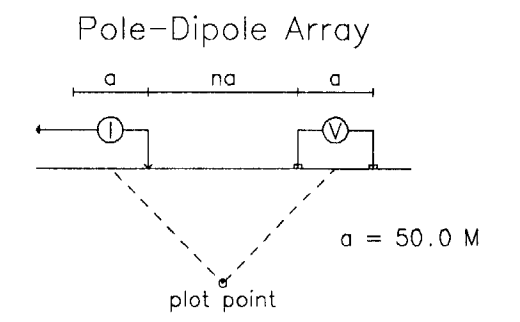
CHARGEABILITY mV/V

DAN PATRIE EXPLORATION LTD.
INDUCED POLARIZATION SURVEY
AGNEW LAKE PROJECT
HYMAN AND NAIRN TOWNSHIPS
 Date: 99/07/06
 Interpretation: B. PATRIE
ARTAX RES. LTD.



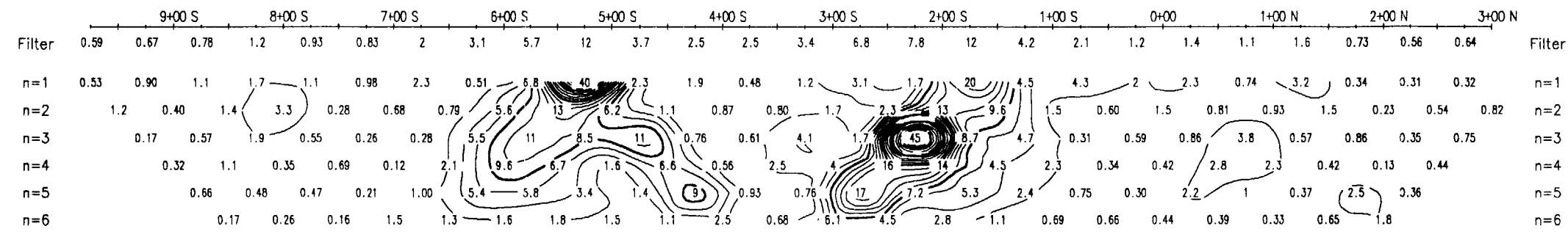
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Line 800 E



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METAL FACTOR



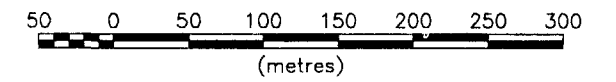
METAL FACTOR

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

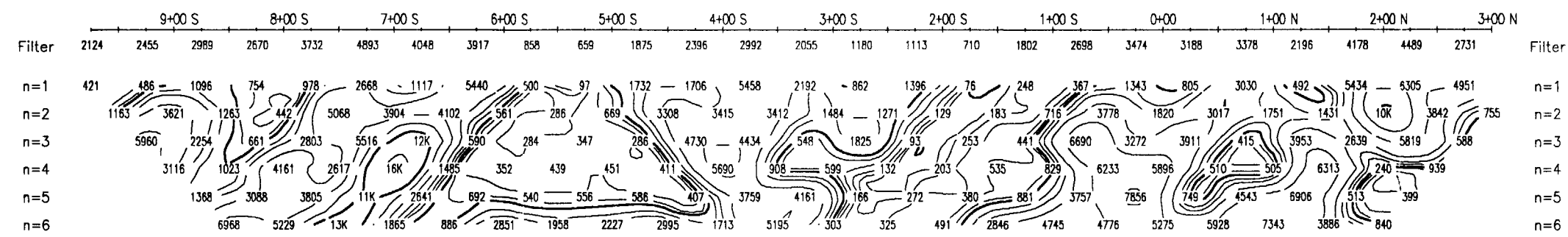
INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:5000

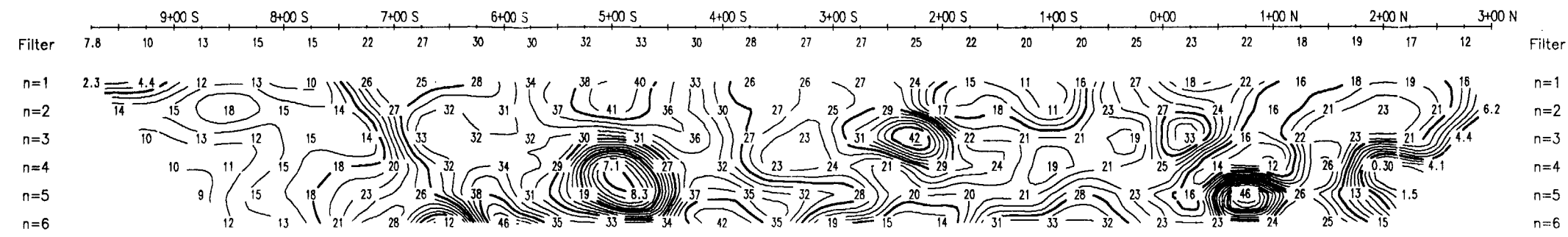


RESISTIVITY
ohm-m



RESISTIVITY
ohm-m

CHARGEABILITY
mV/V



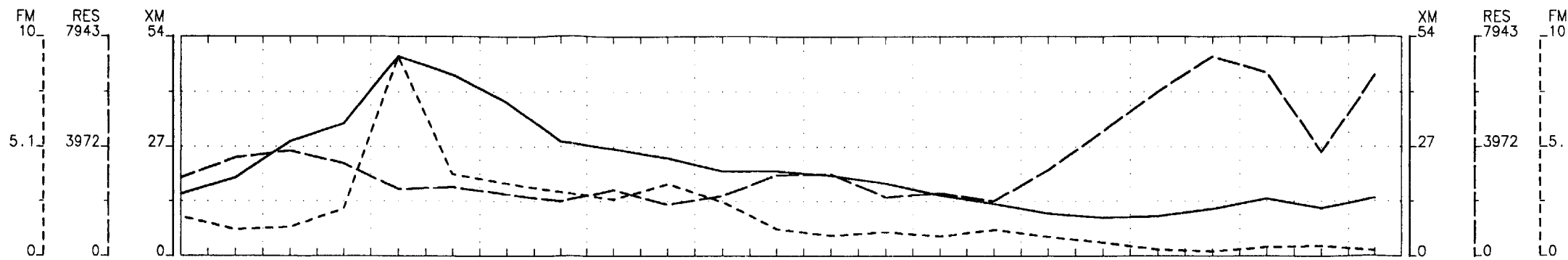
CHARGEABILITY
mV/V

DAN PATRIE EXPLORATION LTD.
INDUCED POLARIZATION SURVEY
AGNEW LAKE PROJECT
HYMAN AND NAIRN TOWNSHIPS

Date: 99/07/06
 Interpretation: B. PATRIE

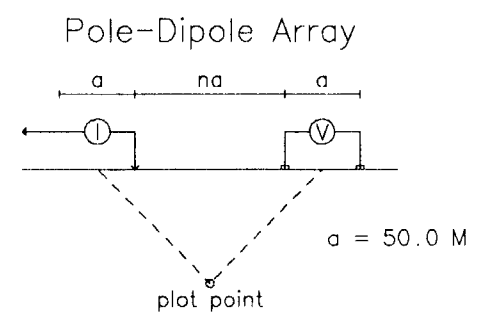
ARTAX RES. LTD.

250
 HYMAN
 411055E2004 2.19606



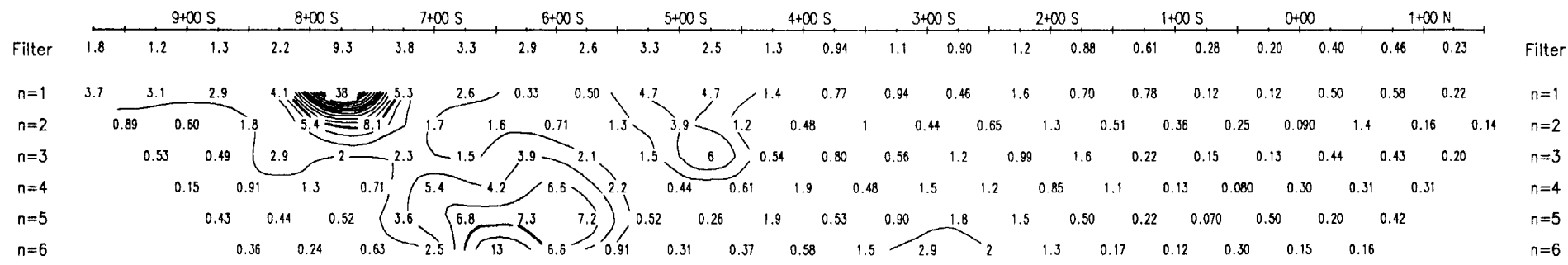
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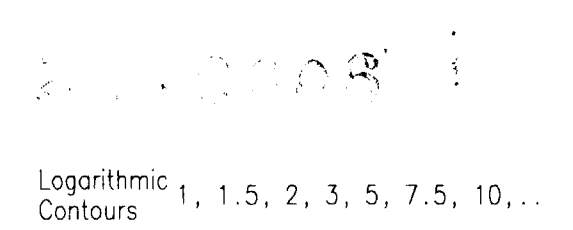


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METAL FACTOR

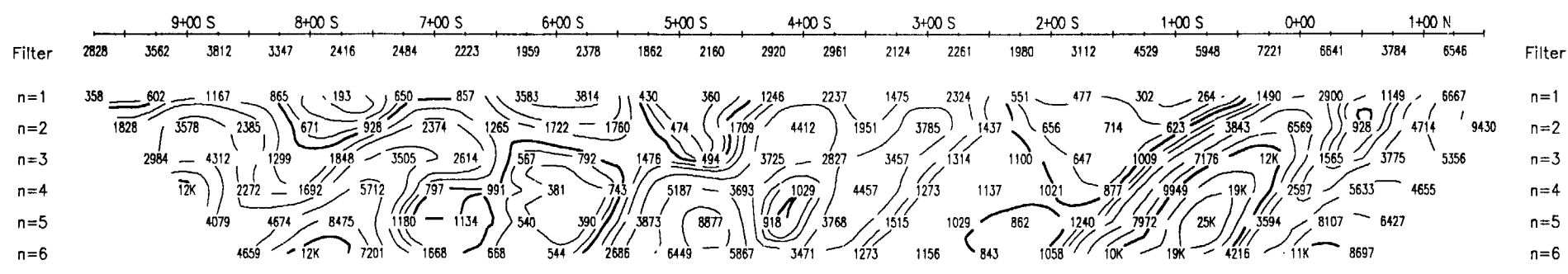


METAL FACTOR

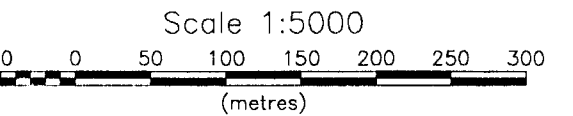


Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

RESISTIVITY
ohm-m

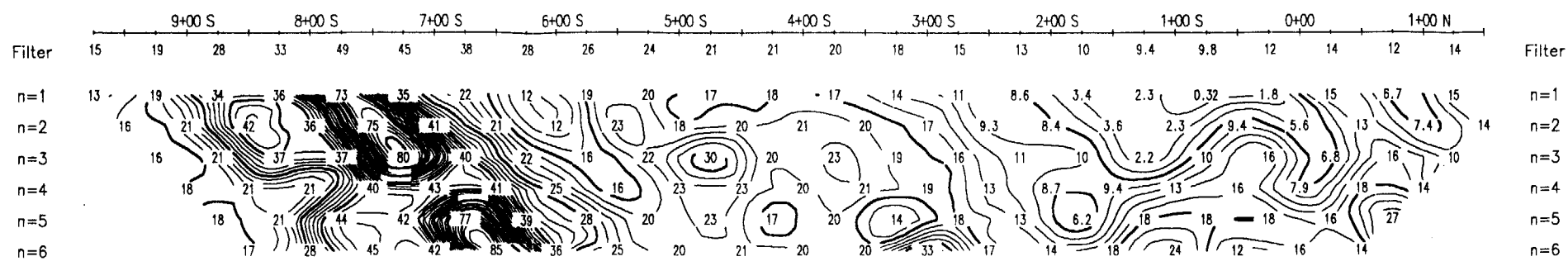


RESISTIVITY
ohm-m



Scale 1:5000

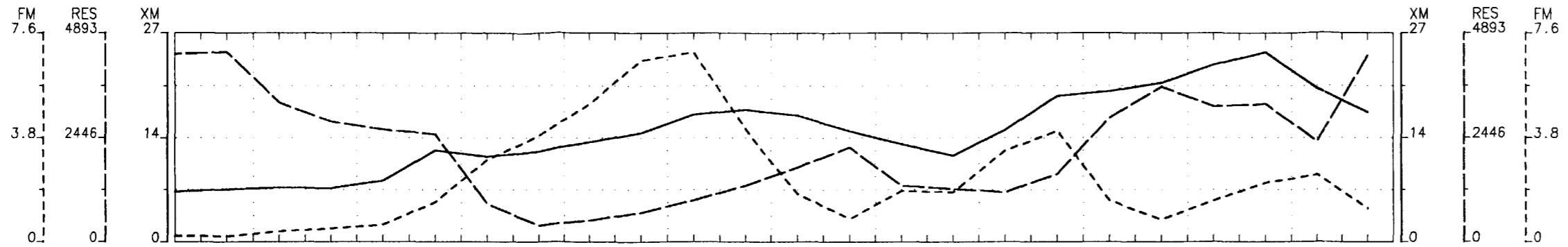
CHARGEABILITY
mV/V



CHARGEABILITY
mV/V

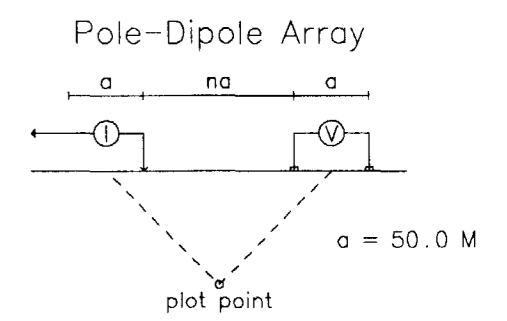
DAN PATRIE EXPLORATION LTD.
INDUCED POLARIZATION SURVEY
AGNEW LAKE PROJECT
HYMAN AND NAIRN TOWNSHIPS
 Date: 99/07/06
 Interpretation: B. PATRIE
ARTAX RES. LTD.

260
 HYMAN
 411055E2004 2.19606



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 JUL 22 1993
 GEOSCIENCE ASSESSMENT
 OFFICE

Line 600 E

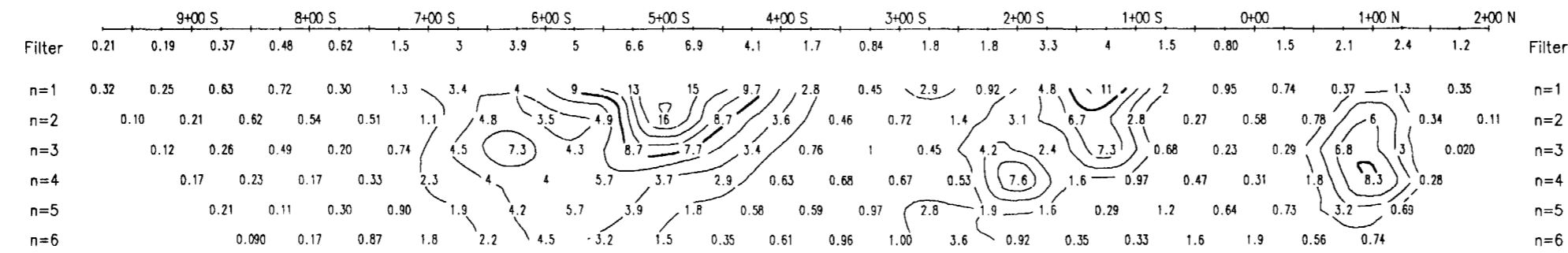


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$a = 50.0$ M

2.19606

METAL FACTOR



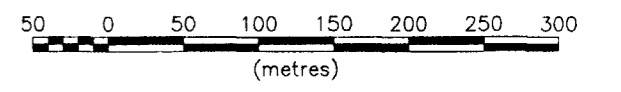
METAL FACTOR

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

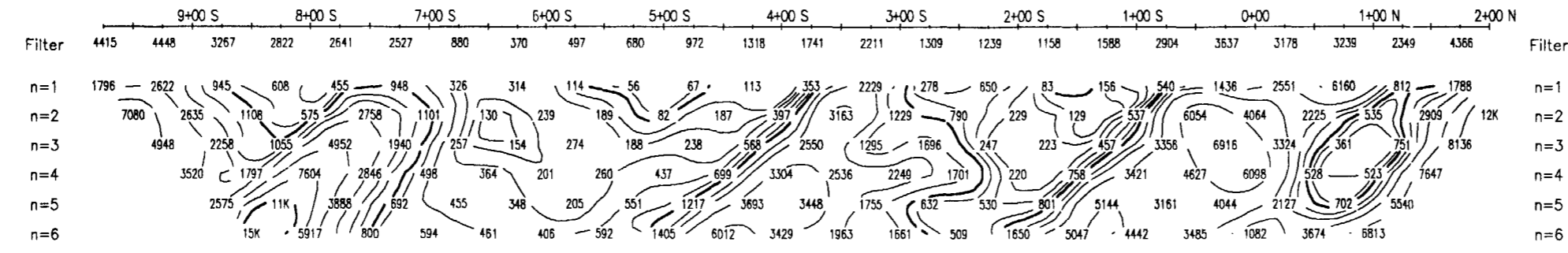
INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:5000

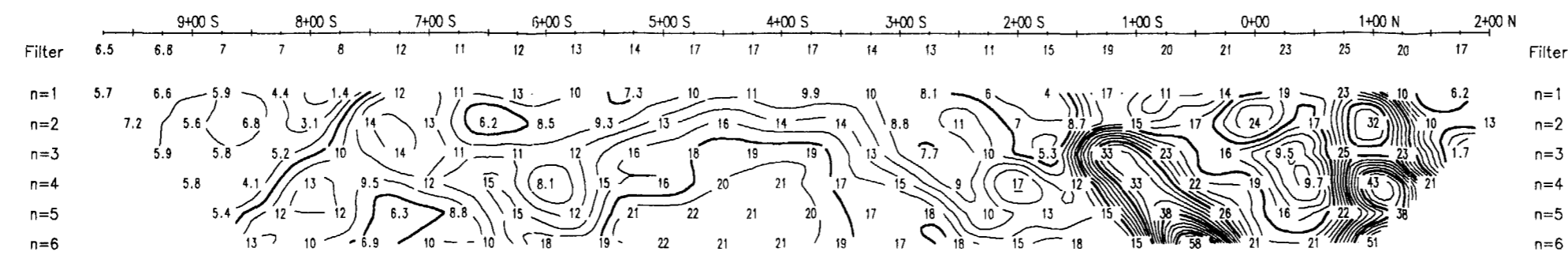


RESISTIVITY
ohm-m



RESISTIVITY
ohm-m

CHARGEABILITY
mV/V



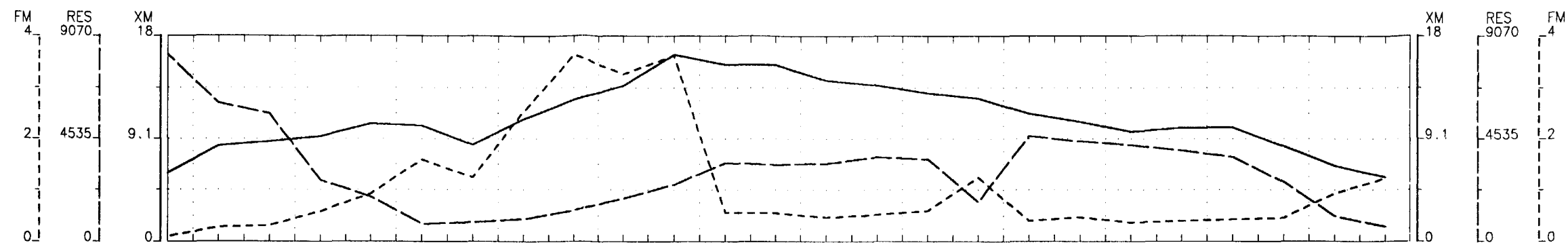
CHARGEABILITY
mV/V

DAN PATRIE EXPLORATION LTD.
 INDUCED POLARIZATION SURVEY
 AGNEW LAKE PROJECT
 HYMAN AND NAIRN TOWNSHIPS

Date: 99/07/05
 Interpretation: B. PATRIE

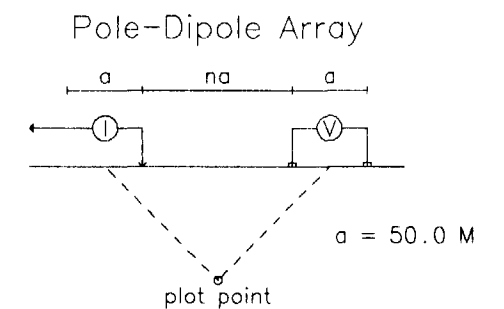
ARTAX RES. LTD.

270
 HYMAN
 411055E2004 2.19606



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 JUL 22 1999
 GEOSCIENCE ASSESSMENT
 OFFICE

Line 500 E



METAL FACTOR

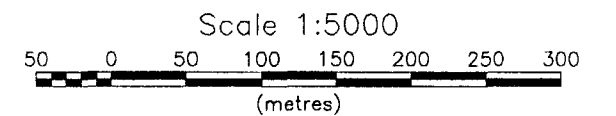
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n=1	0.10	0.28	0.31	0.56	0.92	1.6	1.2	2.5	3.7	3.3	3.7	0.56	0.77	0.15	0.090	0.11	3.5	0.25	0.85	0.080	0.27	0.61	0.40	1.4	1.6	n=1	
n=2		0.11	0.10	0.27	0.41	2.2	0.75	1.4	8	7.4	11	1.3	0.60	0.80	0.37	0.21	1.2	0.98	0.22	0.83	0.93	0.45	0.33	0.47	1.6	1.4	n=2
n=3			0.030	0.25	0.33	1.3	0.28	1.9	1.9	5	3.7	0.86	0.67	0.46	0.60	0.30	2.1	0.46	0.65	0.14	0.58	0.37	0.42	0.43	0.62	1.9	n=3
n=4				0.070	0.18	1.2	1.4	1	0.82	1.5	3.3	0.52	0.40	0.44	0.24	0.42	1.4	0.68	0.52	0.27	0.10	0.24	0.29	0.38	0.58	0.80	n=4
n=5					0.12	0.72	0.38	1.3	1.9	2.8	1.5	0.44	0.31	0.40	0.40	0.38	0.79	0.60	0.49	0.37	0.43	0.070	0.24	0.33	0.52	0.86	n=5
n=6						0.43	0.69	1	1.7	2.5	1.8	0.24	0.27	0.31	0.33	0.42	0.77	0.52	0.56	0.46	0.41	0.23	0.070	0.50	0.53	0.71	n=6

METAL FACTOR

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.



DAN PATRIE EXPLORATION LTD.
 INDUCED POLARIZATION SURVEY
 AGNEW LAKE PROJECT
 HYMAN AND NAIRN TOWNSHIPS

Date: 99/07/05
 Interpretation: B. PATRIE

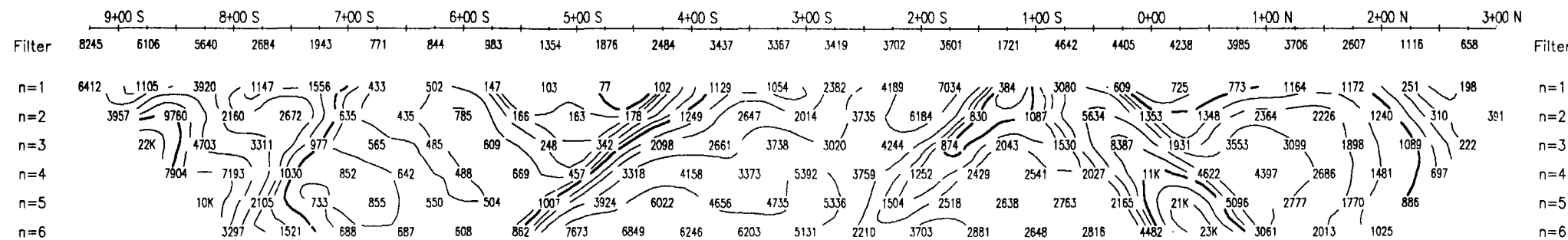
ARTAX RES. LTD.

280



RESISTIVITY

ohm-m

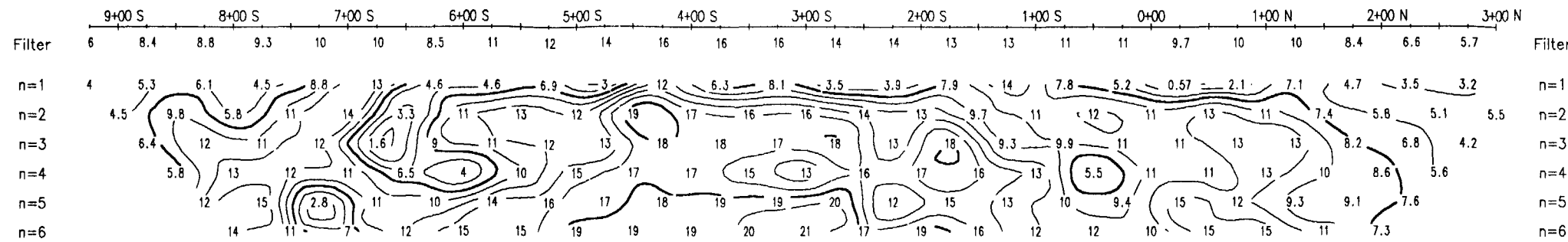


RESISTIVITY

ohm-m

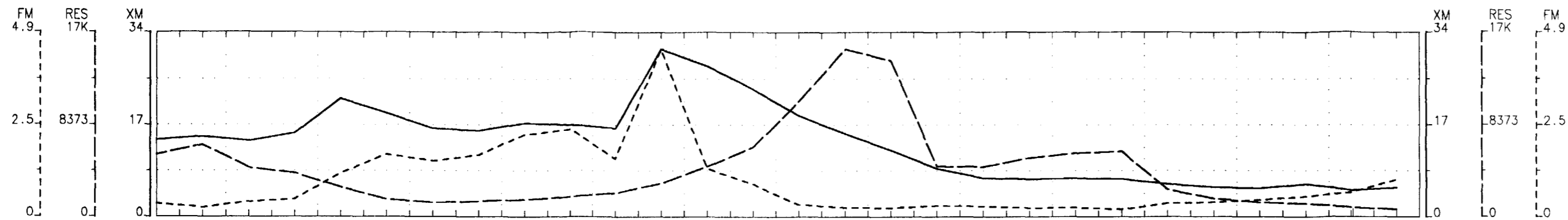
CHARGEABILITY

mV/V



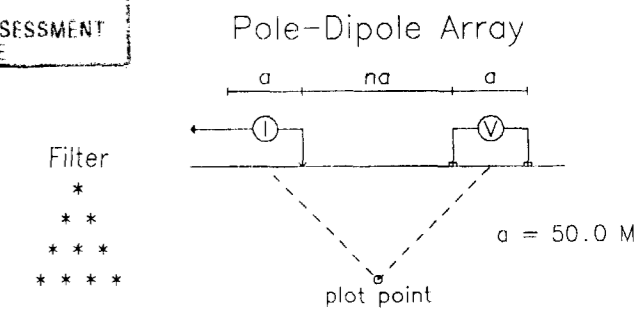
CHARGEABILITY

mV/V



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Line 400 E



METAL FACTOR

Filter	0.34	0.24	0.39	0.46	1.2	1.7	1.5	1.6	2.2	2.3	1.5	4.5	1.3	0.86	0.32	0.24	0.23	0.29	0.27	0.23	0.24	0.19	0.35	0.38	0.44	0.53	0.64	0.99	Filter
n=1	0.54	0.21	0.76	0.57	2.2	3	1.5	1.6	4	5.3	2.2	19	0.77	0.22	0.050	0.020	0.030	0.20	0.26	0.34	0.52	0.22	0.47	0.38	0.40	0.95	1.5	n=1	
n=2		0.15	0.29	0.27	0.64	1.9	1.9	0.92	2.5	2.5	1.9	1.4	1.6	0.46	0.16	0.050	0.030	0.13	0.44	0.17	0.31	0.11	0.17	0.62	0.23	0.91	0.90	1.4	n=2
n=3		0.20	0.20	0.45	0.64	1.5	1.6	1.7	2.5	1.6	1.9	1.7	6.8	0.35	0.18	0.060	0.15	0.27	0.30	0.29	0.060	0.16	0.41	0.45	0.29	0.53	0.33	0.33	n=3
n=4		0.16	0.35	0.43	0.55	1.7	2.6	1.9	1.2	1.7	2.7	1.6	0.77	0.31	0.15	0.29	0.40	0.26	0.29	0.040	0.12	0.33	0.15	0.69	0.34	0.46		n=4	
n=5		0.28	0.37	0.33	0.60	2.5	3	1.1	0.65	1.6	1.9	1.8	0.65	0.25	0.66	0.21	0.24	0.24	0.050	0.090	0.19	0.20	0.48	0.55	0.41	0.61		n=5	
n=6		0.33	0.36	0.29	1.3	3.3	1.5	0.47	0.21	0.18	0.17	0.23	0.42	0.87	0.73	0.61	0.35	0.040	0.13	0.15	0.24	0.40	0.35	0.51	0.48		n=6		

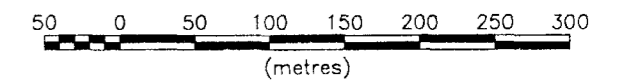
METAL FACTOR

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:5000



RESISTIVITY
ohm-m

Filter	5634	8507	4431	3935	2840	1529	1279	1351	1525	1772	2129	3025	4535	6292	11K	15K	14K	4558	4513	5322	5744	5908	2455	1611	1273	1167	839	572	Filter
n=1	2236	6107	1524	2642	1652	706	600	423	288	187	271	239	2408	5131	15K	31K	35K	5095	1412	836	571	2507	857	1008	761	130	400	n=1	
n=2	9247	4770	4614	3736	1336	987	941	546	328	484	944	2513	4642	8235	20K	38K	6937	1835	2117	1485	7016	2159	809	1421	810	592	318	n=2	
n=3	7073	7267	4857	2074	1412	1189	865	543	824	1036	768	730	6672	10K	26K	4346	2076	2362	2810	13K	4082	1591	1282	1230	916	640		n=3	
n=4	9065	6879	2372	1906	1375	991	754	1201	1576	1009	1002	6407	8762	14K	2814	2088	2613	2787	20K	6323	2205	1732	1085	1204	1014		n=4		
n=5	8449	3552	2370	1936	1138	886	1626	2938	1574	1282	1283	8102	11K	1793	2123	3147	3269	20K	8854	4009	2828	1524	1154	1310	1110		n=5		
n=6	3785	2790	1962	1325	976	1843	3756	9866	12K	10K	10K	13K	2015	1233	2352	2981	21K	7954	5348	3482	2015	1357	1205	1323		n=6			

RESISTIVITY
ohm-m

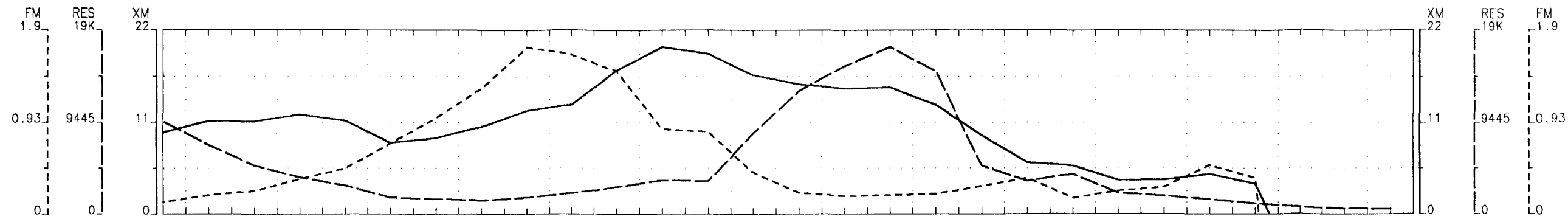
CHARGEABILITY
mV/V

Filter	14	15	14	15	22	19	16	16	17	17	16	31	28	23	19	15	12	8.8	7	6.8	6.9	6.8	5.9	5.3	5.1	5.9	4.7	5.2	Filter
n=1	12	13	12	15	36	21	8.8	6.8	11	9.8	6	45	19	11	7	7.4	10	10	3.7	2.9	3	5.5	4	3.8	3.1	4.1	6.1	n=1	
n=2	14	14	12	24	25	19	8.7	14	8.3	9.2	13	41	21	13	10	13	8.9	7.2	3.5	4.6	7.6	3.6	5	3.3	7.3	5.3	4.5	n=2	
n=3	14	14	22	13	21	19	14	14	13	19	13	50	23	18	15	6.6	5.5	7.2	8	8.2	6.5	6.5	5.7	3.6	4.8	2.1		n=3	
n=4	14	24	10	11	23	26	14	14	26	27	16	49	28	21	8.1	8.3	6.8	8	8.8	7.5	7.3	2.6	7.5	4	4.6		n=4		
n=5	24	13	7.8	12	28	27	18	19	25	25	23	53	28	12	4.4	7.6	7.7	11	7.9	7.8	5.8	7.3	6.4	5.4	6.8		n=5		
n=6	12	10	5.7	17	32	29	18	21	22	18	24	54	17	9	14	10	9.6	10	8	8.2	8	4.8	6.1	6.4		n=6			

CHARGEABILITY
mV/V

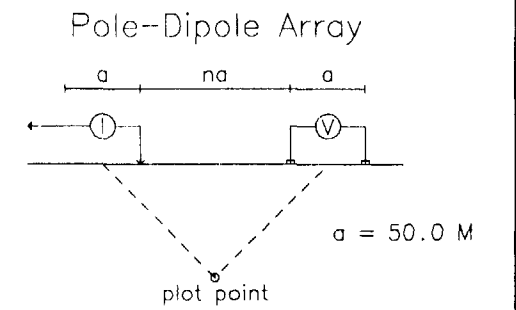
DAN PATRIE EXPLORATION LTD.
INDUCED POLARIZATION SURVEY
AGNEW LAKE PROJECT
HYMAN AND NAIRN TOWNSHIPS
 Date: 99/07/02
 Interpretation: B. PATRIE
ARTAX RES. LTD.

411055E2004 2.19606 HYMAN 290



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Line 300 E

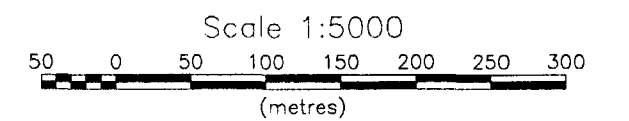


2-1960

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

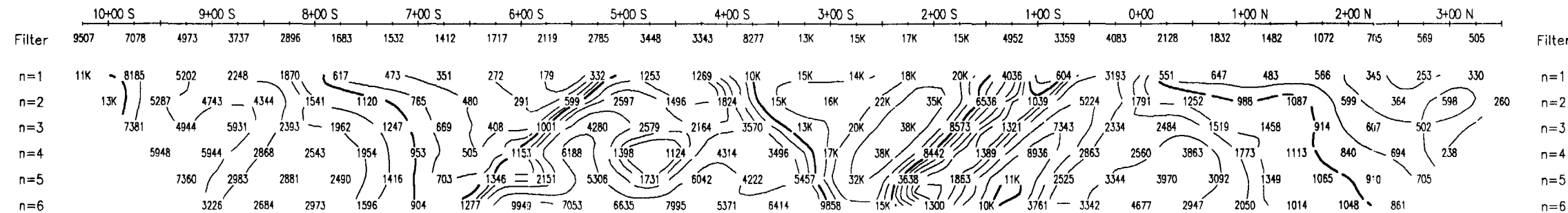


METAL FACTOR

Filter	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00	1+00 N	2+00 N	3+00 N	Filter														
n=1	0.12	0.19	0.23	0.35	0.46	0.71	0.97	1.3	1.7	1.6	1.5	0.86	0.83	0.42	0.21	0.18	0.19	0.20	0.28	0.36	0.16	0.23	0.27	0.49	0.36	-4.4	-5.4	-6.7	
n=2		0.070	0.19	0.26	0.36	0.50	0.59	0.99	2.2	3.3	1.8	0.75	1.5	0.65	0.080	0.070	0.060	0.040	0.20	0.75	0.12	0.33	0.32	0.72	0.39	0.12	1.1	0.50	3.8
n=3			0.12	0.32	0.28	0.33	0.30	0.63	1.8	2	1.4	0.37	0.89	0.88	0.40	0.11	0.080	0.040	0.16	0.54	0.0100	0.20	0.24	0.26	0.20	0.25	0.22	0.44	
n=4				0.24	0.33	0.38	0.28	0.33	1.3	2.4	1.5	0.31	1.4	2	0.53	0.57	0.13	0.050	0.16	1.1	0.10	-0.13	0.45	0.21	0.28	0.25	0.76	0.25	-111
n=5					0.20	0.34	0.19	0.31	0.70	2	1.2	0.80	0.39	0.96	0.38	0.61	0.40	0.050	0.38	0.69	0.18	-0.18	-0.050	0.0100	0.19	0.23	0.25	0.46	1.7
n=6						0.26	0.30	0.29	0.57	1.4	0.92	0.20	0.30	0.26	0.25	0.51	0.46	0.19	0.13	0.11	0.16	0.46	0.15	0.060	0.18	0.30	0.26	0.40	1.9

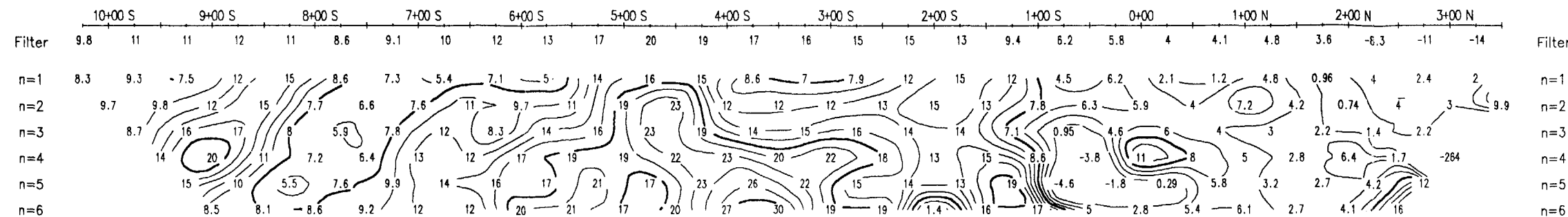
METAL FACTOR

RESISTIVITY
ohm-m



RESISTIVITY
ohm-m

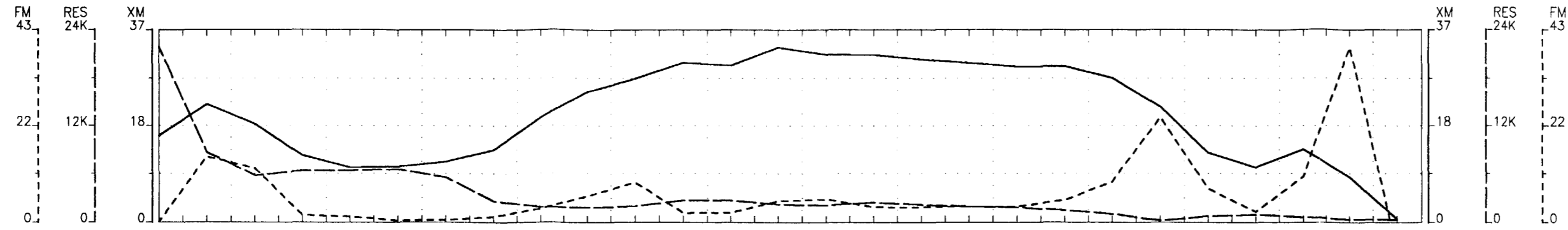
CHARGEABILITY
mV/V



CHARGEABILITY
mV/V

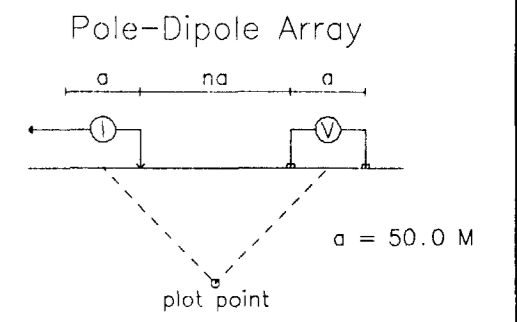
DAN PATRIE EXPLORATION LTD.
INDUCED POLARIZATION SURVEY
AGNEW LAKE PROJECT
HYMAN AND NAIRN TOWNSHIPS
Date: 99/07/02
Interpretation: B. PATRIE
ARTAX RES. LTD.

300
HYMAN
2.19606
41105SE2004



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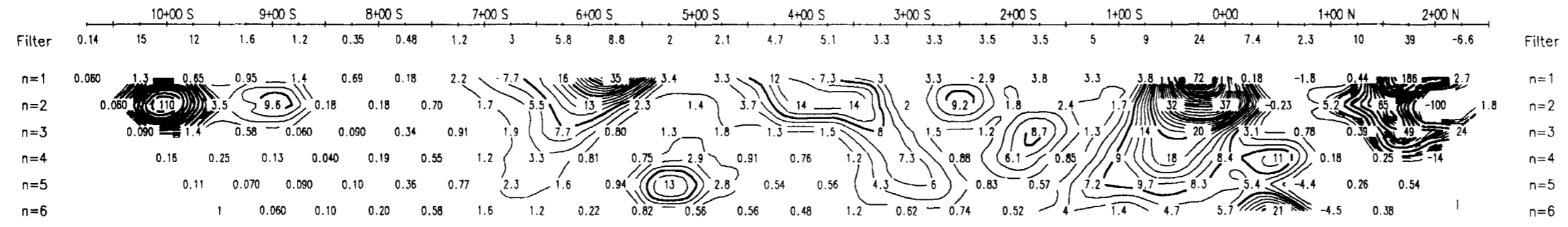
Line 200 E



Filter
 *
 **

2.19606

METAL FACTOR



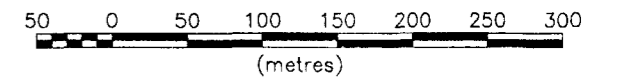
METAL FACTOR

Logarithmic
 Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

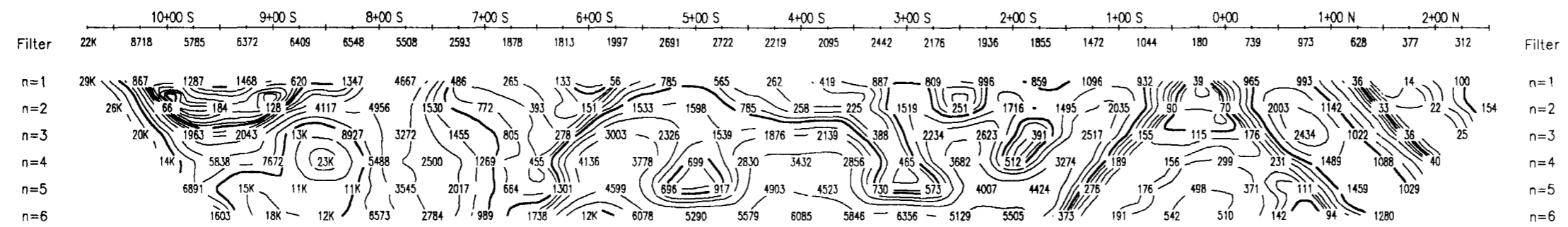
INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:5000

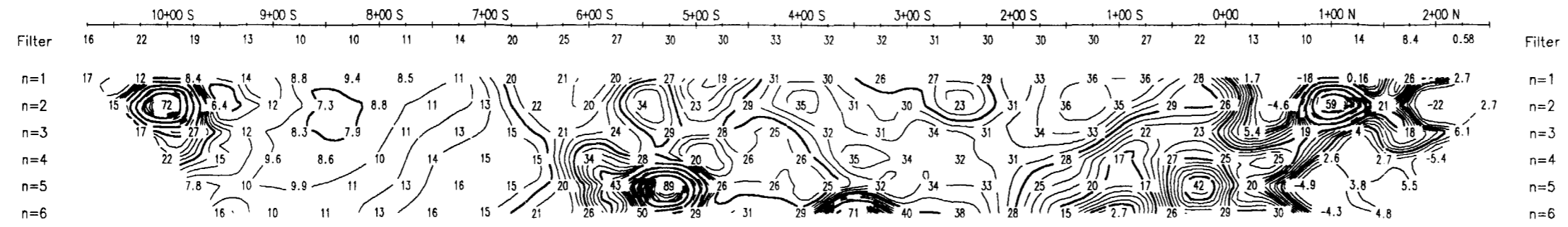


RESISTIVITY
ohm-m



RESISTIVITY
ohm-m

CHARGEABILITY
mV/V



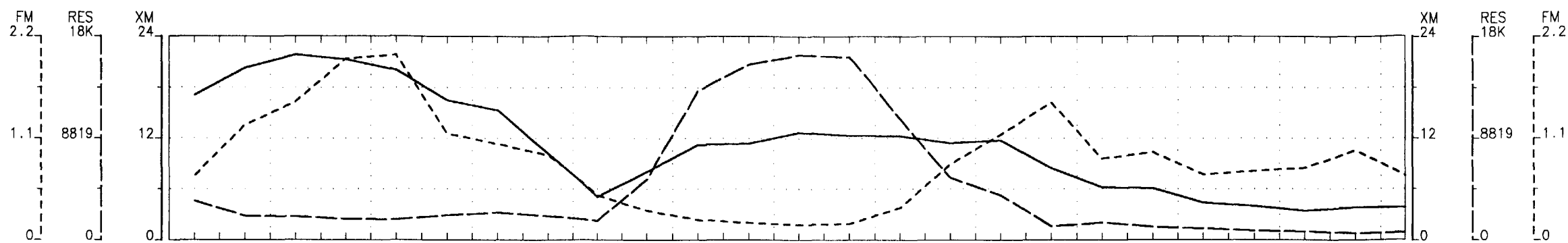
CHARGEABILITY
mV/V

DAN PATRIE EXPLORATION LTD.
INDUCED POLARIZATION SURVEY
AGNEW LAKE PROJECT
HYMAN AND NAIRN TOWNSHIPS

Date: 99/07/01
 Interpretation: B. PATRIE

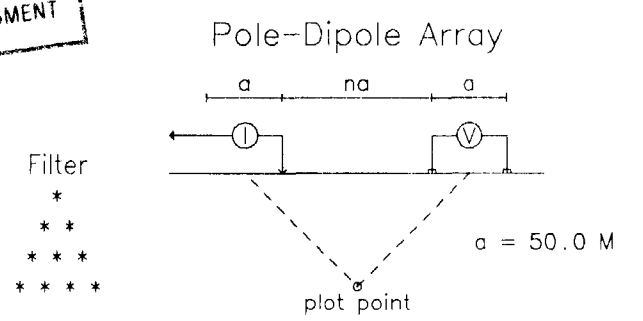
ARTAX RES. LTD.

310
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Line 1 E



METAL FACTOR

Filter	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00	1+00 N	2+00 N	3+00 N												
n=1	0.68	1.2	1.5	1.9	2	1.1	1	0.90	0.47	0.31	0.21	0.18	0.16	0.17	0.34	0.80	1.1	1.5	0.86	0.93	0.69	0.73	0.76	0.95	0.68
n=2	0.33	1.4	2.5	4	4.4	1.2	2.4	3	0.98	0.27	0.090	0.070	0.090	0.060	0.17	0.20	0.18	1.3	0.090	0.31	0.63	1.2	1	1.3	0.56
n=3	0.29	1.3	2.1	1.7	3.2	2.2	0.95	0.86	0.28	0.40	0.13	0.050	0.060	0.070	0.060	0.20	0.19	0.46	0.17	0.19	0.34	0.53	0.88	1.5	0.84
n=4	0.64	0.68	2.2	1.3	2.1	2	0.47	0.17	0.55	0.070	0.11	0.050	0.060	0.080	0.090	0.24	3.4	1.7	1.5	-0.080	0.32	0.40	0.89	1.2	
n=5	0.62	1.6	0.86	1.1	2	1.1	0.12	0.13	0.57	0.52	0.090	0.050	0.060	0.13	0.12	5.1	-0.45	0.47	0.20	1.2	0.14	0.70	0.30		
n=6	0.56	1	1.3	1.1	1.3	0.48	0.12	0.17	0.17	0.45	0.080	0.070	0.10	0.18	1	-1.5	8.3	5.9	2.8	0.090	0.12	0.49			
n=6	0.48	0.67	0.63	0.77	0.67	0.43	0.10	0.18	0.64	1.7	0.070	0.12	0.16	0.24	0.19	0.90	0.42	0.35	0.14	0.35	0.62				

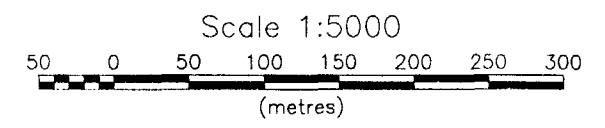
METAL FACTOR

2-19603

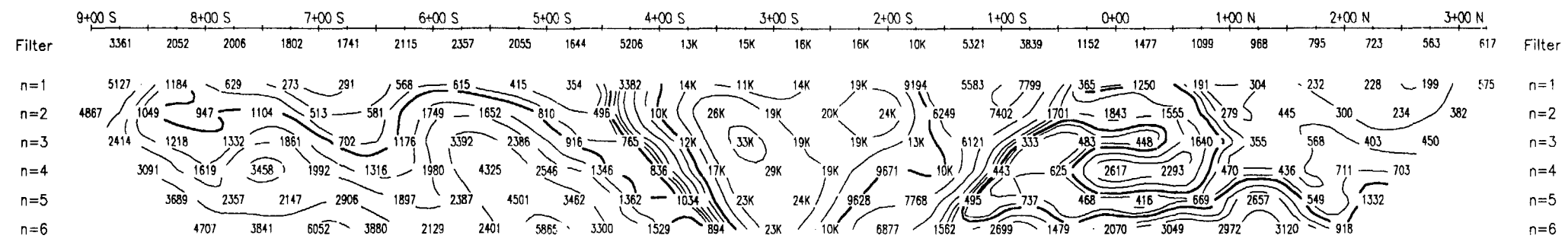
Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

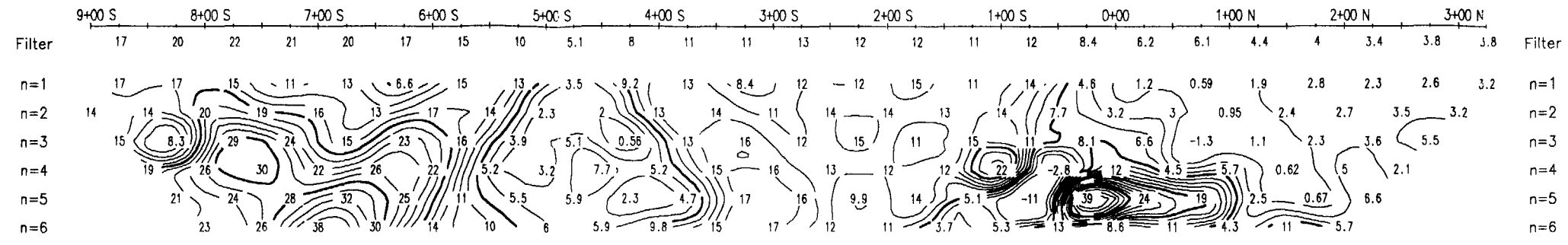


RESISTIVITY



RESISTIVITY

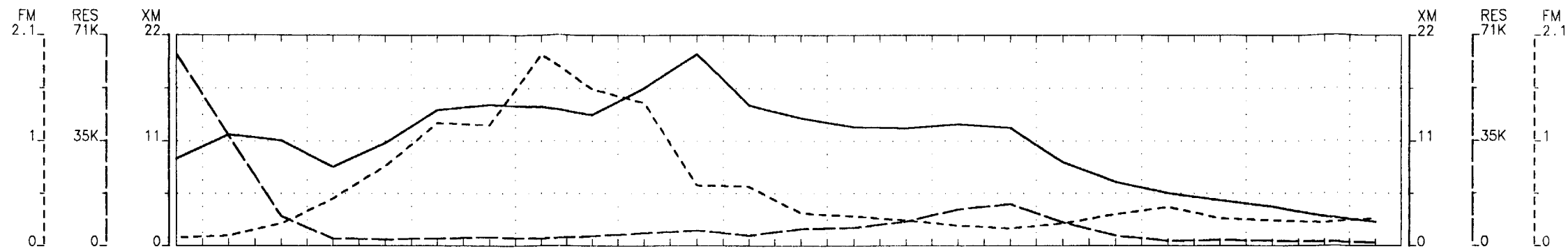
CHARGEABILITY



CHARGEABILITY

DAN PATRIE EXPLORATION LTD.
INDUCED POLARIZATION SURVEY
AGNEW LAKE PROJECT
HYMAN AND NAIRN TOWNSHIPS
 Date: 99/07/01
 Interpretation: B. PATRIE
ARTAX RES. LTD.

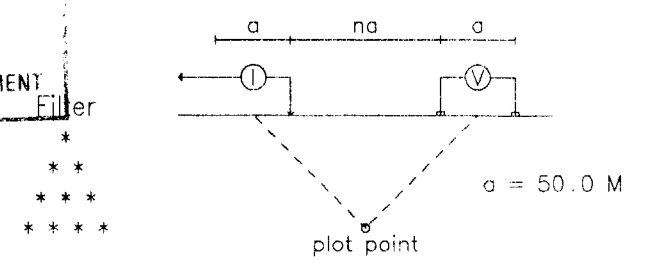
HYMAN 320
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Line 0

Pole-Dipole Array



METAL FACTOR

Filter	10+00 S	9+00 S	8+00 S	7+00 S	6+00 S	5+00 S	4+00 S	3+00 S	2+00 S	1+00 S	0+00	1+00 N	Filter												
n=1	0.080	0.10	0.22	0.46	0.78	1.2	1.2	1.9	1.5	1.4	0.59	0.58	0.32	0.29	0.25	0.20	0.17	0.22	0.31	0.38	0.27	0.25	0.23	0.27	
n=2	0.0100	0.020	0.16	0.41	0.93	2.3	1	2.9	1.7	4.6	1	0.78	0.14	0.19	0.090	0.060	0.070	0.090	0.14	0.45	0.30	0.30	0.18	0.33	
n=3		0.020	0.040	0.19	0.39	1.2	0.54	1.6	3.5	1.3	0.40	1.2	0.31	0.12	0.16	0.10	0.050	0.070	0.10	0.48	0.33	0.16	0.25	0.22	0.33
n=4		0.050	0.080	0.24	0.79	0.41	1.1	3.1	2	0.18	0.56	0.50	0.21	0.13	0.15	0.090	0.060	0.090	0.61	0.36	0.17	0.20	0.21	0.29	
n=5		0.080	0.090	0.81	0.33	1.1	2	1.6	0.24	0.29	0.31	0.42	0.70	0.70	0.15	0.090	0.24	0.55	0.35	0.36	0.25	0.20	0.25		
n=6		0.18	0.42	0.25	0.59	2.1	2.5	0.18	1.5	0.20	0.67	0.98	0.55	0.14	0.10	0.53	0.59	0.21	0.34	0.31	0.24	0.13			

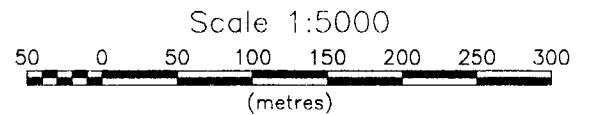
METAL FACTOR

2.19606

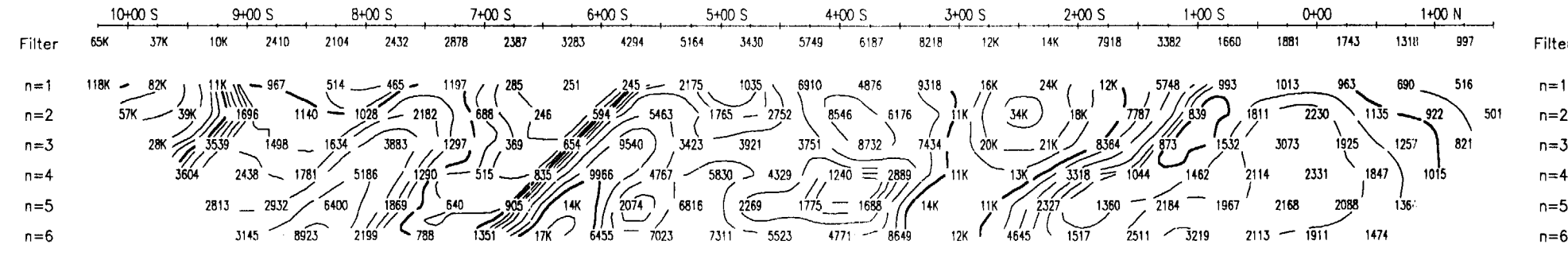
Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

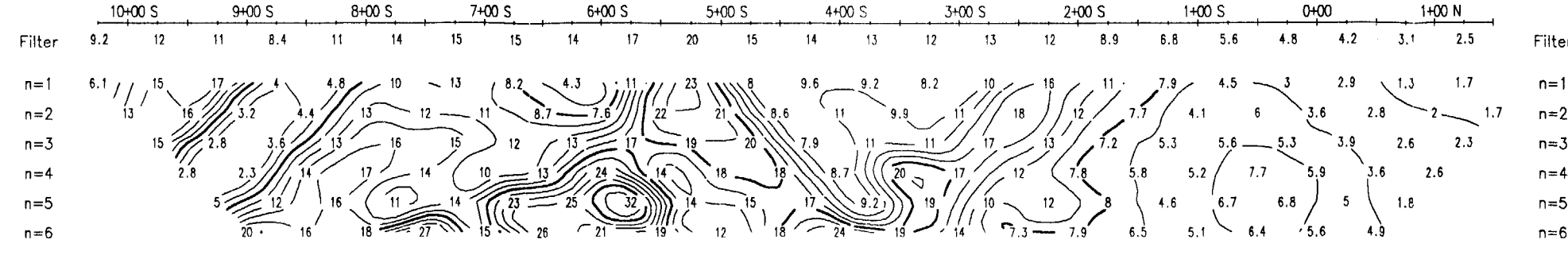


RESISTIVITY



RESISTIVITY

CHARGEABILITY



CHARGEABILITY

DAN PATRIE EXPLORATION LTD.
INDUCED POLARIZATION SURVEY
AGNEW LAKE PROJECT
HYMAN AND NAIRN TOWNSHIPS
Date: 99/06/30
Interpretation: B. PATRIE
ARTAX RES. LTD.

330
HYMAN
41105SE2004 2.19606