



52F05SW2009 2.19225 DOGPAW LAKE

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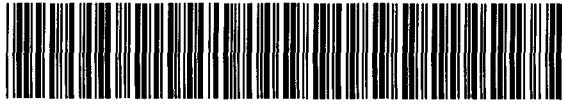
L D'OR SAGAX INC.
10 Lamaque Boulevard
Val-d'Or (Quebec)
Canada J9P 2H6
Tel: (819) 874-2001
Fax: (819) 874-2002
BBS: (819) 874-2005

**A REPORT ON AN
INDUCED POLARIZATION/RESISTIVITY SURVEY**
performed over the
DOGPAW PROJECT
Kenora District, Ontario
submitted to
STARCORE RESOURCES LTD.
98-N311

APRIL 1998

2.19225

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52F05SW2009 2.19225 DOGPAW LAKE 010C



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APPENDICES

ATTACHED AT THE END OF THIS REPORTS

Pseudosections and *image2D* true-depth sections of the apparent resistivity and apparent chargeability (8 sheets at a scale of 1 : 2500).

LIST OF MAPS, at a scale of 1 : 5000

98-N311-4.0	Geophysical interpretation
98-N311-4.2	<i>image2D</i> apparent resistivity contours map at 50 m depth level
98-N311-4.3	<i>image2D</i> apparent chargeability contours map at 50 m depth level

COLOUR PLANS SUBMITTED SEPARATELY

98-N311-4.2	<i>image2D</i> apparent resistivity contours map at 50 m depth level
98-N311-4.3	<i>image2D</i> apparent chargeability contours map at 50 m depth level



1 INTRODUCTION

At the request of Mr. Ian Camphbell of STARCORE RESOURCES LTD., VAL D'OR SAGAX INC. has performed an induced polarization/resistivity survey over the DOGPAW property (NTS 52F/5) (figure 1). The object of this survey is to define, if possible, promising anomalies for the search of economic mineralization on this property.

After a brief description of the methods employed, we discuss the results obtained and attempt to interpret them in light of the available geological and geophysical information. Based on the results of this interpretation, we then establish what further work, if any, should be performed.

2 THE DOGPAW PROPERTY

2.1 Location and Access

The property is located approximately 60 kilometres south-east of Kenora in the Kenora District, province of Ontario (NTS 52F/5) (figure 1). The access is possible first by the Highway #71 as far as 10 kilometres south of Sioux Narrows, then by the Cameron road for a distance of approximately 11 kilometres and finally by snowmobile trails.

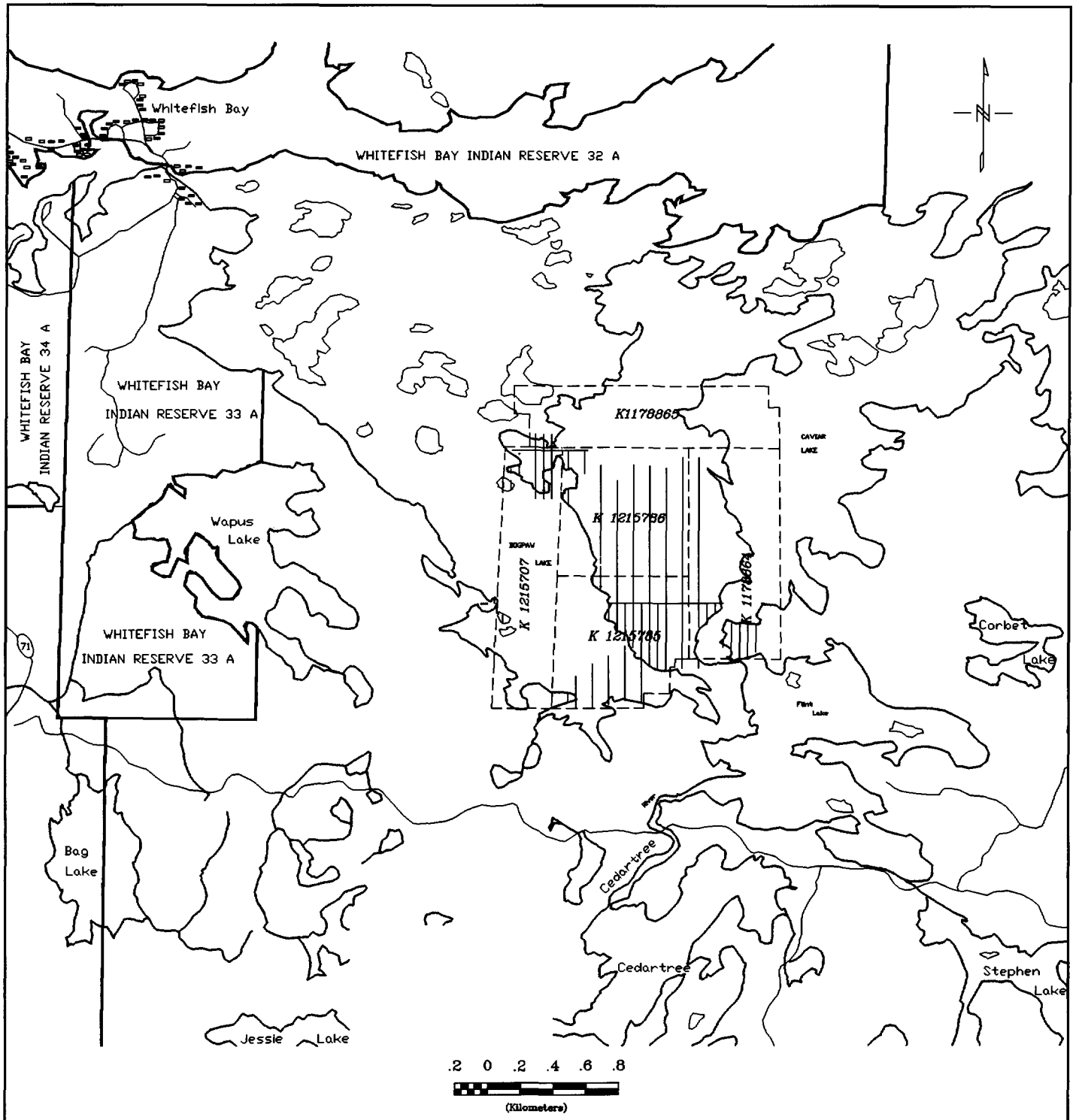
2.2 Survey Grid

Two blocks of lines, constituting the northwest and the southwest extension of a pre-existing grid, were covered by the survey (figure 2). The north-west block, named Gauthier Occurrence, consists of lines 6+00E, 7+00E and 8+00E cut north-south between 28+00N and 36+00N and a tie line (TL 34+00W) striking east-west. The southwest block, named Houston Extension, consists of five (5) lines (L11+00E, L13+00E, L15+00E, L17+00E and L19+00E) striking north-south. The major part of this grid is on the Dowpaw lake. All these lines are chained every 25 metres.

2.3 Description

The property is held by STARCORE RESOURCES LTD. and the claims partially and totally covered by the present field works are shown on figure 2.

Figure 2: Index of claims and survey area



3 TECHNICAL SPECIFICATIONS OF THE SURVEY

3.1 Generalities

A total of 5.3 kilometres of induced polarization/resistivity were completed from March 9 to March 12, 1998 over the DOGPAW property. This survey was performed under the direction of Mr. Paul Melancon with the help of four assistants.

3.2 Electrode Array

The dipole-dipole array (figure 3) was used for the investigation of all IP lines performed on the DOGPAW property. The nominal spacing a between the electrodes was set at 25 metres and separation factor n between the transmitting and the potential dipoles ranged from 1 to 6.

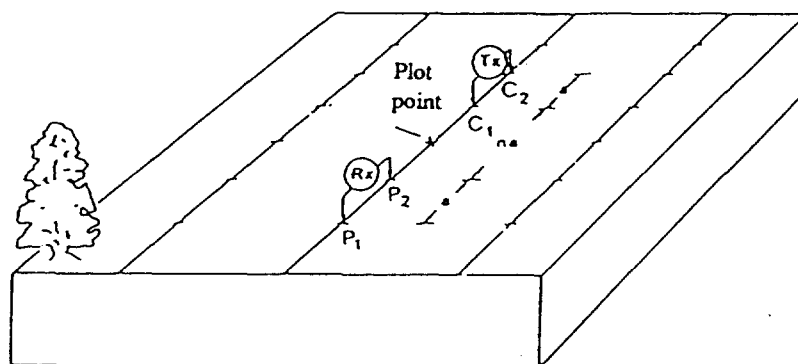


Figure 3: The dipole-dipole array

3.3 Equipment

The induced polarization equipment employed consisted of a transmitting device as well as a receiving device, both working in pulse current mode. A GDD transmitter model TX-11 supplied by a 1.4 kW generator was used to provide a stable current. Stainless steel electrodes were used to provide contact with the ground for the transmission of current as well as the reception of the signal. The current was transmitted with a period of 8 seconds and an effective cycle of 50% (figure 4).

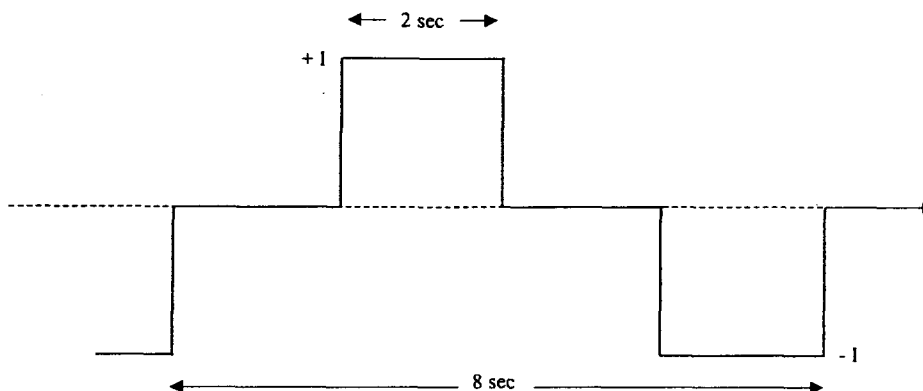


Figure 4: The transmitted signal at C_1-C_2

Primary voltage V_p and apparent chargeability M_a were measured with an ELREC-6+ IP receiver manufactured by Iris Instruments Ltd. The integration of the transient voltage after current shut-off was performed over twenty windows (M_1 to M_{20}) of equal duration of 80 ms each (figure 5). Those twenty parameters are automatically normalised in relation with the decay rate of the transitory voltage due to a pure electrode polarization effect. Therefore, all parasitic contribution to the signal can be filtered by observing the deviation between the values M_1 to M_{20} read at the receiver.

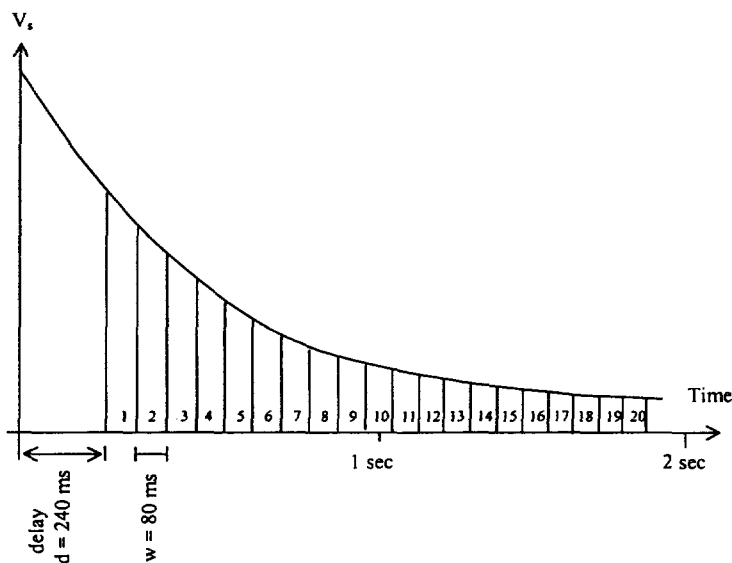


Figure 5 : ELREC-6+ Timing for the slices of an IP decay curve

3.4 IP Survey Parameters Calculations

Apparent resistivity was determined using the following equation:

$$\rho_a = \pi \cdot \frac{V_p}{I} \cdot n \cdot (n + 1) \cdot (n + 2) \cdot a \quad (\text{in } \Omega \cdot \text{m})$$

Where

- a = dipole length (25 m)
- n = dipole separation factor
- V_p = primary voltage (mV)
- I = injected current (mA)

Chargeability M_a is expressed in mV/V and is the weighted average of at least 10 of the partial apparent chargeability windows (M_1 to M_{20}). Windows that do not fit the general polarization curve are rejected.

3.5 True-Depth Section Imaging

To facilitate quantitative interpretation, an automatic 2D inversion software of resistivity/induced polarization data sets, developed by VAL D'OR SAGAX INC., has been used with the data from the DOGPAW property. With this software, no initial guess (starting model) needs to be defined by the user. The subsurface is divided in small cells and a spatial deconvolution of raw data is applied. The result is a smooth model representing the conductive, resistive and polarizable bodies distribution on true-depth sections. The resulting image represents a model of all possible solutions, highlighting the most probable ones. However, this process does not recover intrinsic resistivity and chargeability unless the source is very wide.

Imaging cannot create information that is not in the raw data set, i.e. the limitations of the technique and array used will still prevail. For instance, resolution at depth is very limited and subhorizontal structures are difficult to resolve. However, noise is efficiently rejected, near-surface effects are easily identified and complex responses such as wide units, two sources next to each other, vertical or inclined geological contacts are well resolved.

3.6 Quality Control

The apparent resistivity error is essentially that of the nominal spacing a between the electrodes, approximately 3% in all. The average error on apparent chargeability measurements, which represent the average of 6 to 17 measuring cycles, is 0.32 mV/V.

4 RESULTS AND INTERPRETATION

4.1 Data presentation

The results of the induced polarization survey are presented in the form of pseudosections, *image2D* true-depth sections of the apparent resistivity and apparent chargeability at a scale of 1 : 2500. Position of the interpreted IP anomalies has been included on the pseudosections.

The results are also presented in the form of *image2D* apparent resistivity and apparent chargeability maps at 50 m depth level (98-N311-4.2 and 98-N311-4.3). Colour versions of *image2D* apparent resistivity and apparent chargeability maps at 50 m depth level are submitted separately. The principal interpreted anomalous IP zones have been reproduced on the geophysical interpretation map (98-N311-4.0). All maps are presented at a 1 : 5000 scale.

4.2 Interpretation

The apparent resistivity values measured ranged from 12 to about 53 000 Ω -m on the surveyed areas while the apparent chargeability readings vary between less than 0 to 7.7 mV/V. The lowest resistivity and chargeability values, which probably correspond with the deeper spots of the lake, suggest an inefficient bedrock investigation at these places.

The present survey delineated six (6) polarizable anomalies labelled IP-1, IP-2, IP-2A, IP-10, IP-11 and IP-12 and a few isolated anomalies, which were not marked. Anomalies IP-10, IP-11 and IP-12, associated with resistivity highs, are probably principally (partially for IP-12) induced by a bedrock uplift, the bedrock being more resistive and polarizable than the overburden. All the other anomalies defined by the survey don't show significant resistivity contrasts and can be caused by the presence of disseminated mineralization, the amount of mineralization corresponding to the degree of polarizability. Therefore, anomaly IP-2, the most polarizable, likely represents a greater amount of mineralization while anomaly IP-1, the less polarizable, is probably caused by a marginal quantity of mineralization.

Table 1 describes all the physical characteristics of the IP anomalies.

Table 1 : Physical characteristics of IP anomalies

Name	Location		Chargeability Contrast	Resistivity Contrast	Description	Priority
	Line	Station				
IP-1	13+00E	3+62.5N	1		Weakly polarizable anomaly. The source seems to be shallow.	4
	15+00E	3+50N	?			
IP-2	15+00E	North end	1		Weakly to moderately polarizable anomaly incompletely defined eastward and westward. This anomaly is probably associated with IP-2A. A D.D.H. target is recommended on line 17+00E (table 2, section 5).	1
	17+00E	8+25N	2			
	19+00E	8+12.5N	2			
IP-2A	17+00E	7+56N	1		Weakly polarizable anomaly incompletely defined eastward. This anomaly is probably associated with IP-2A. Interest to be confirmed.	2
	19+00E	7+25N	1			
IP-10	6+00E	33+06N	1	↑	Weakly to moderately polarizable anomaly associated with a resistivity high. This anomaly, incompletely defined eastward and westward, is probably principally induced by a bedrock uplift.	4
	7+00E	32+62.5N	2	↑		
	8+00E	32+44N	1	↑		
IP-11	6+00E	29+12.5N	?	↑	Weakly to moderately polarizable anomaly associated with a resistivity high. This anomaly, incompletely defined westward, is probably principally induced by a bedrock uplift.	4
	7+00E	29+44N	2	↑		

Name	Location		Chargeability Contrast	Resistivity Contrast	Description	Priority
	Line	Station				
IP-12	7+00E 8+00E	North end 34+87.5N	? ?	↑	Very weakly polarizable anomaly, partially associated with a resistivity high, incompletely defined south-eastward and north-westward. Interest to be confirmed.	3

Note : The location of the anomaly is based on the chargeability contrast.

Legend :

Chargeability	Resistivity
Increase	Increase
? = marginal	↑ = resistive
1 = weak	↑↑ = very resistive
2 = moderate	Decrease
3 = strong	↓ = conductive
4 = very strong	↓↓ = very conductive

5 CONCLUSION AND RECOMMENDATIONS

The induced polarization/resistivity survey carried out on the DOGPAW property allowed the detection of six (6) anomalies labelled IP-1, IP-2, IP-2A and IP-10 to IP-12, and of some isolated anomalies which were not labelled.

Three of these anomalies (IP-10 to IP-12) seem to be induced, at least partially, by a bedrock uplift while the other anomalies are probably caused by the presence of variable amount of disseminated mineralization. However, anomaly IP-2 which is more polarizable can represent a greater amount of mineralization.

Therefore, a D.D.H. is recommended on anomaly IP-2 to verify the nature of the associated mineralization (table 2). If the results of this eventual hole are positive, an additional IP coverage would be recommended too, to better define this anomaly.

Table 2 : Follow-up work to be completed on the DOGPAW property

Anomaly	Type of work recommended	Priority
IP-2	A Diamond Drill hole is recommended: D.D.H. target {L: 17+00E, S: 8+25N, D: -75 m} (note 1)	1
IP-2	Additional IP coverage: East of line 19+00E and west of line 15+00E to better defined the anomaly (note 2).	2

Note 1: The D.D.H. target is indicated, not the collar location.

Note 2: Proceed with this additional IP coverage if the D.D.H. results are promising. We recommend to use a more penetrating array, like pole-dipole or dipole-dipole with a spacing *a* of 50 metres, for the achievement of an eventual additional IP survey on the lake.

Respectfully submitted,

VAL D'OR SAGAX INC.



Hugues Potvin
Hugues Potvin, Eng.
Geophysicist

HP/ag



52F05SW2009 2.19225 DOGPAW LAKE 900

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

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

Correspondence to: *Avalon Ventures Ltd.*
851 Field Street
Thunder Bay PTB 6B6

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

Name <i>Kenneth Fenwick</i>	Client Number <i>30018</i>
Address <i>84 Velva Street</i>	Telephone Number <i>807-344-6568</i>
<i>Thunder Bay, ON PTA 6N5</i>	Fax Number <i>807-345-0916</i>
Name <i>James Bond II</i>	Client Number <i>109 716</i>
Address <i>P.O. Box 948</i>	Telephone Number <i>304-436-6444</i>
<i>Welch, West Virginia 24801</i>	Fax Number <i>304-436-3902</i>

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>Linecutting</i> <i>Induced Polarization Survey</i>	Office Use
	Commodity
	Total \$ Value of Work Claimed <i>8,436.⁰⁰</i>
Dates Work Performed From <i>10</i> <i>02</i> <i>98</i> To <i>15</i> <i>03</i> <i>98</i>	NTS Reference
Global Positioning System Data (if available)	Mining Division <i>Kemora</i>
Township/Area <i>Dogpaw Lake</i>	Resident Geologist District
M or G-Plan Number <i>G-2613</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.

RECORDED
 FEB 22 1999

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

Name <i>Val d'Or Sagax Inc.</i>	Telephone Number <i>819-874-2001</i>
Address <i>50 Lamague Boulevard</i>	Fax Number <i>819-874-2002</i>
Name <i>Val d'Or, Quebec J9P 2H6</i>	Telephone Number
Address <i>Hugues Potrin, Eng. Geophysicist</i>	Fax Number
Name	Telephone Number
Address	Fax Number

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 FEB 22 1999
 GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, *Karen Rees* (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 *Karen Rees* *Avalon Ventures Ltd.* Date *19 Feb, 1999*
PTB 6B6
 Agent's Address *851 Field Street Thunder Bay* Telephone Number _____ Fax Number *807-344-4233*

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 of work	Total Cost
Linecutting	5.3 km	avg. \$ 225/km	1,190
IP Survey	5.3 km	\$ 1300/km	6,890
Supervision	1 day	\$ 350/day	350

Associated Costs (e.g. supplies, mobilization and demobilization).

Transportation Costs

Food and Lodging Costs

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Total Value of Assessment Work \$ 8,430

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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 x 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, Karen Rees (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 agent I am authorized (recorded holder, agent, or state company position with signing authority)

to make this certification.

Signature: Karen Rees Date: 19 Feb 1999

5. WORK TO BE RECORDED AND DISTRIBUTED. Work can only be assigned to claims that are contiguous (adjacent) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W.9910-00057

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 K 1178865	16	675			675
2 K 1215707	16	2,705			2,705
3 K 1215785	15	5,050			5,050
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		# 8,430			# 8,430

RECORDED
FEB 22 1999

I, Karen Rees, 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

Karen Rees

RECEIVED

Date

FEB 22 1999

19 Feb 1999

6. Instructions for cutting back credits that are not approved

SCIENCE ASSESSMENT OFFICE

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; or
- 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

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

Telephone: (888) 415-9846
Fax: (877) 670-1555

March 29, 1999

KENNETH GEORGE FENWICK
84 VELVA AVENUE
THUNDER BAY, ONTARIO
P7A-6N5

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

Dear Sir or Madam:

Submission Number: 2.19225

Status

Subject: Transaction Number(s): W9910.00057 Deemed Approval

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 Steve Beneteau by e-mail at steve.beneteau@ndm.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,



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

Work Report Assessment Results

Submission Number: 2.19225

Date Correspondence Sent: March 29, 1999

Assessor: Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9910.00057	1178865	DOGPAW LAKE	Deemed Approval	March 18, 1999

Section:
14 Geophysical IP

Correspondence to:
Resident Geologist
Kenora, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
Karen Rees
THUNDER BAY, ONTARIO, CANADA

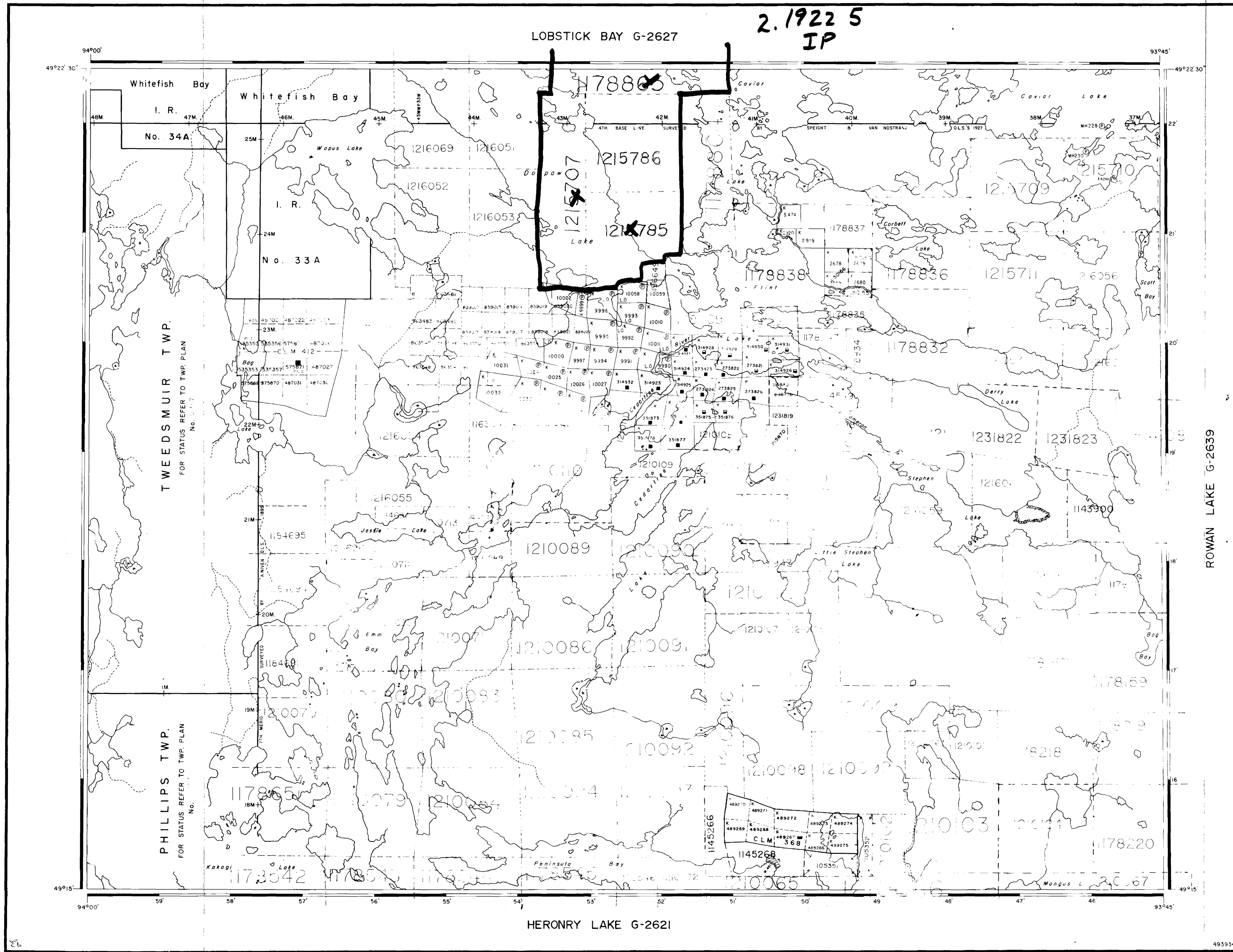
KENNETH GEORGE FENWICK
THUNDER BAY, ONTARIO

JAMES EDWARD II BOND
WELCH, WEST VIRGI

G-5E13

DOGPAW LAKE

G-5E13



LEGEND

HIGHWAY AND ROUTE No.

OTHER ROADS

TRAILS

SURVEYED LINES
TOWNSHIPS, BASE LINES, ETC.
LOTS, MINING CLAIMS, PARCELS, ETC.

UNSURVEYED LINES
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC.

RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON-PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN

RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
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	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1910 CHAP. 380, SEC. 63, SUBSEC. 1

REFERENCES

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

DATE OF ISSUE

APR 19 1999
PROVINCIAL RECORDING
OFFICE - SUDBURY

SCALE 1 INCH = 40 CHAINS

AREA
DOGPAW LAKE
M.N.R. ADMINISTRATIVE DISTRICT
KENORA
MINING DIVISION
KENORA
LAND TITLES / REGISTRY DIVISION
KENORA

Ministry of Natural Resources and Land Management
Ontario

Date: JAN. 1994 Number: **G-2613**

G-5E13

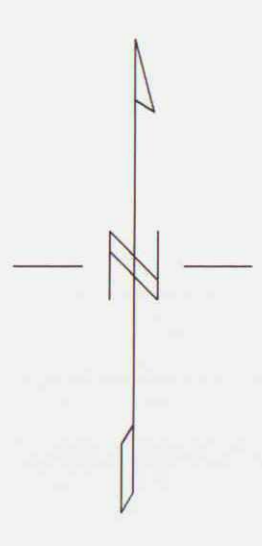
DOGPAW LAKE

G-5E13



TRIM LINE

493934



K 1178865
K 1178864

DOGPAW
LAKE

K 1215786
K 1215785

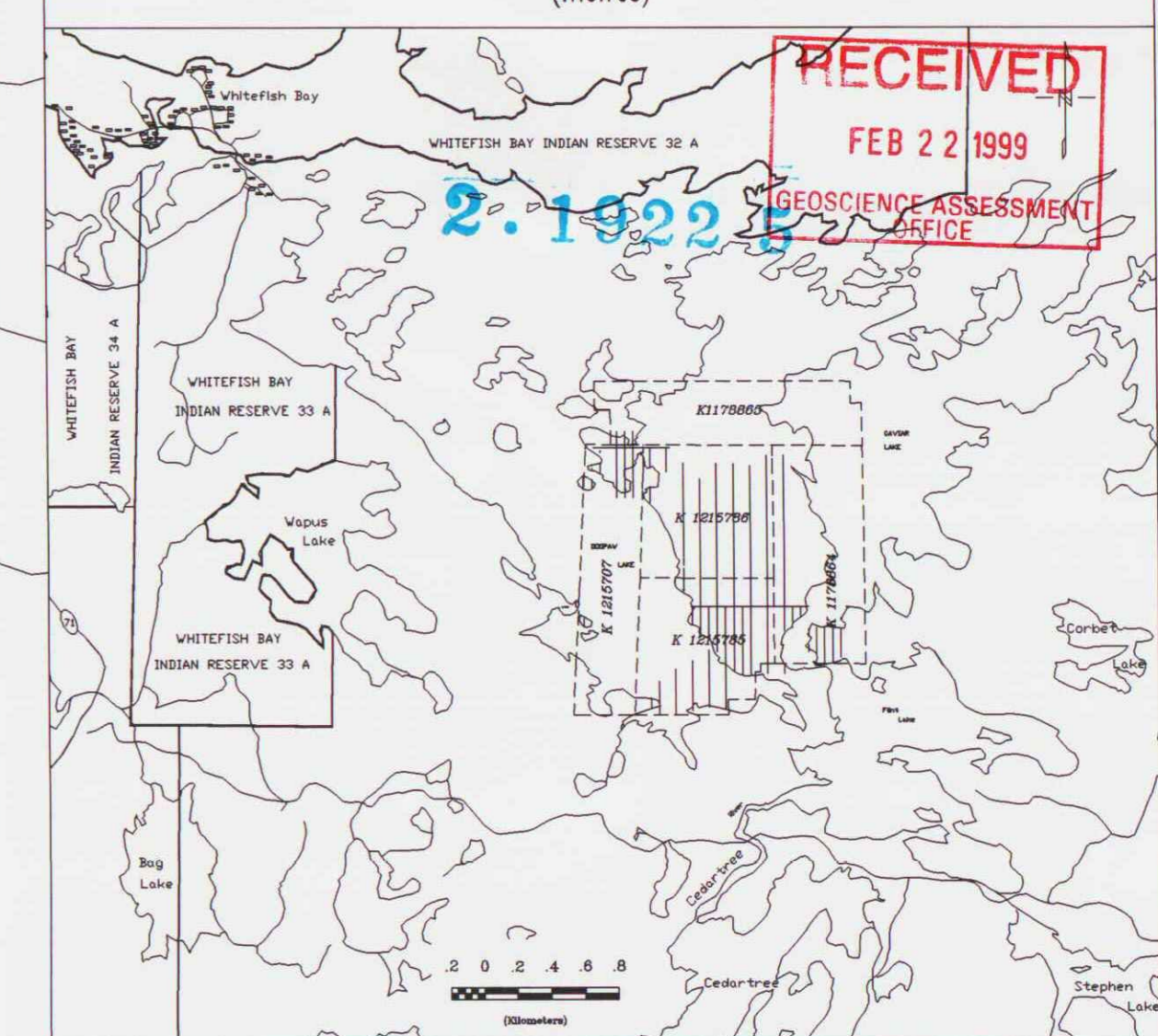
K 1215707

INDUCED POLARIZATION

POLARIZATION	RESISTIVITY
Very high	Very resistive
High	Resistive
Moderate	Conductive
Weak	Very conductive
Marginal	

PRIORITY 1 D.D.H. TARGET
 Area: 17-1000
 Depth: 100m

SCALE 1 : 5 000
 0 100 200 300
 (metres)



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 SERVICE

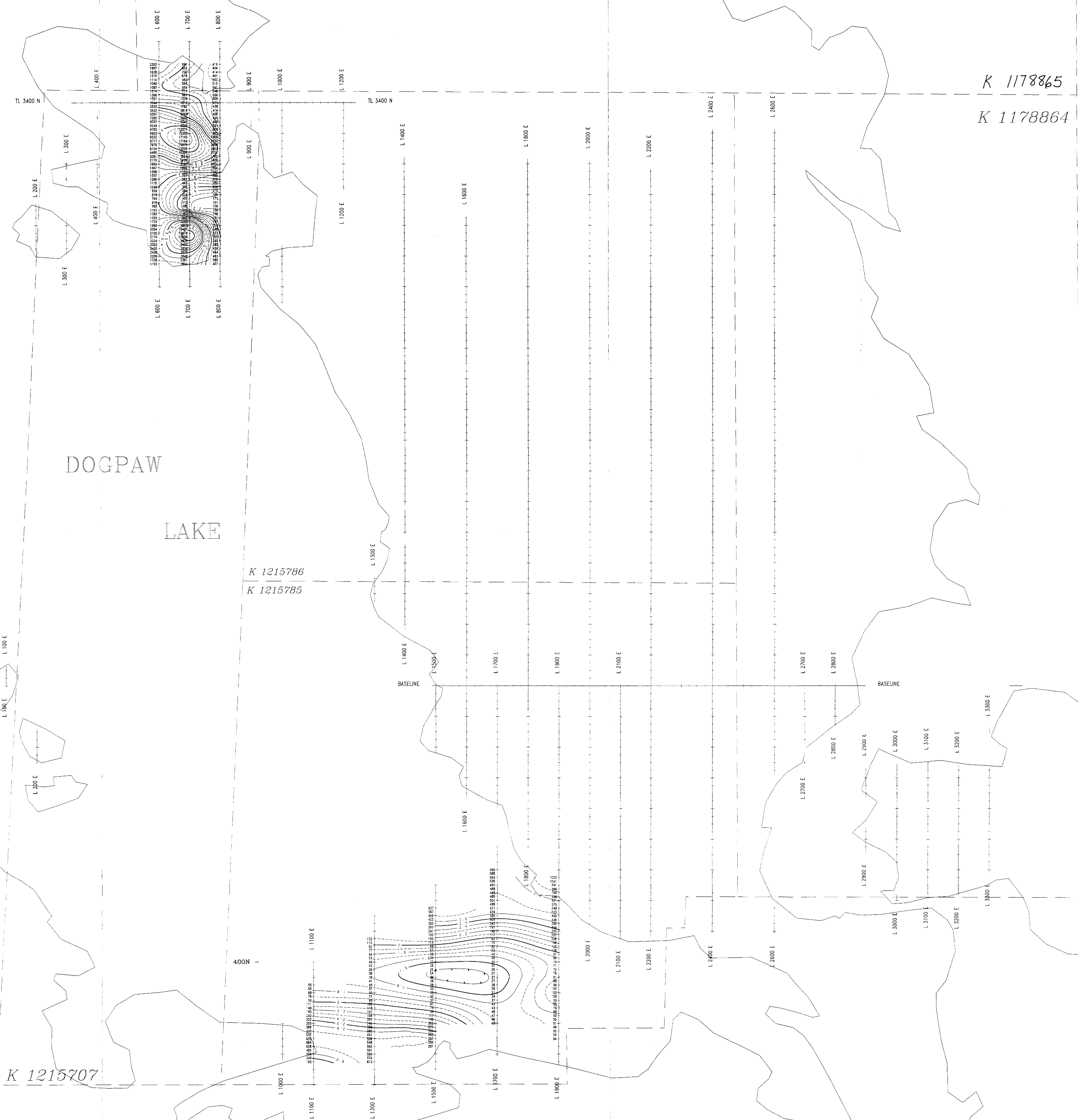
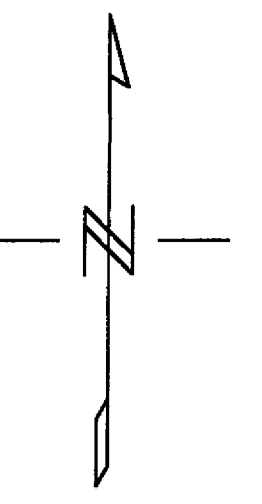
STARCORE RESOURCES LTD.
 DOGPAW PROJECT

GEOPHYSICAL INTERPRETATION

VAL D'OR SAGAX INC.

Interpreted by: D. Bérubé, B.Sc. Date: 04/98
 Scale 1 : 5 000 Drawing no: 98-N311-4.0





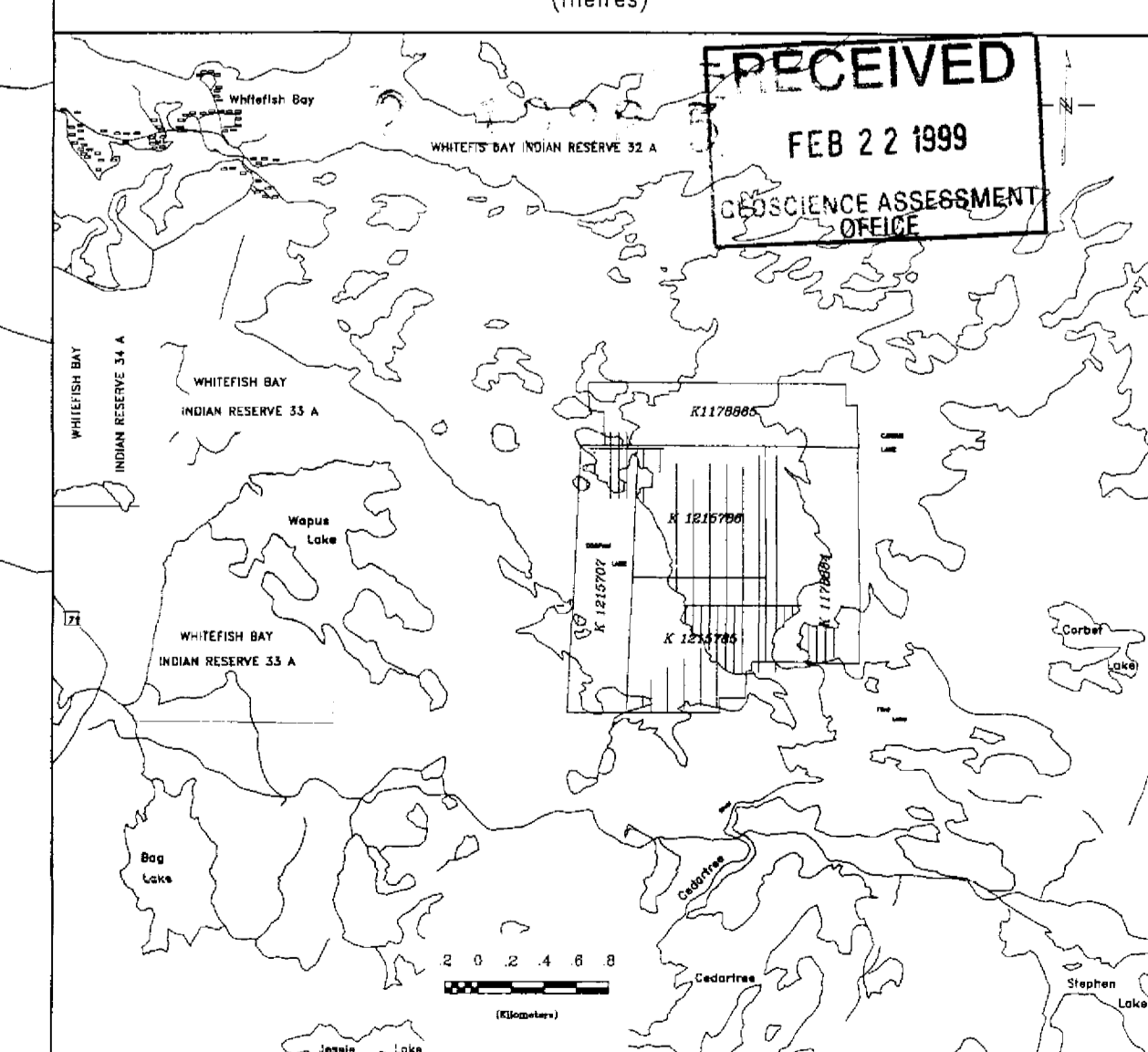
K 1178865
K 1178864

K 1215786
K 1215785

K 1215707

LEGEND
CONTOUR INTERVALS (Ohm-m)
 Logarithmic contours:
 - - - - 0.1
 - - - - 0.2
 - - - - 0.5
 Electrode array: Dipole-Dipole
 a = 25 m n = 1 to 6
 Instruments: Elrec-6+ (RIS), Ix-11 (GDD)
 Time cycle: 8 sec.
 Injection time: 2 sec.

SCALE 1 : 5 000
 100 0 100 200 300
 (metres)

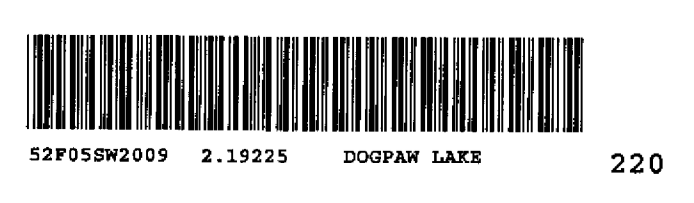


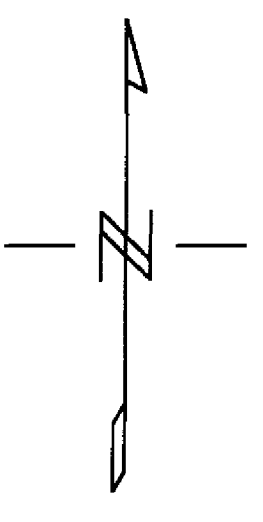
STARCORE RESOURCES LTD.
DOGPAW PROJECT

INDUCED POLARIZATION SURVEY
 Image2D APPARENT RESISTIVITY MAP AT 50m DEPTH LEVEL

VAL D'OR SAGAX INC.

Interpreted by: D. Bérubé, B.Sc. Date: 04/98
 Scale 1 : 5 000 Drawing no: 98-N311-4.2





K 1178865

K 1178864

DOGPAW
LAKE

K 1215786
K 1215785

K 1215707

LEGEND

CONTOUR INTERVALS (mV/V)

Linear contours:

- 0.5
- 1.0
- 2.0

Electrode array: Dipole-Dipole
 $a = 25 \text{ m}$ $n = 1 \text{ to } 6$

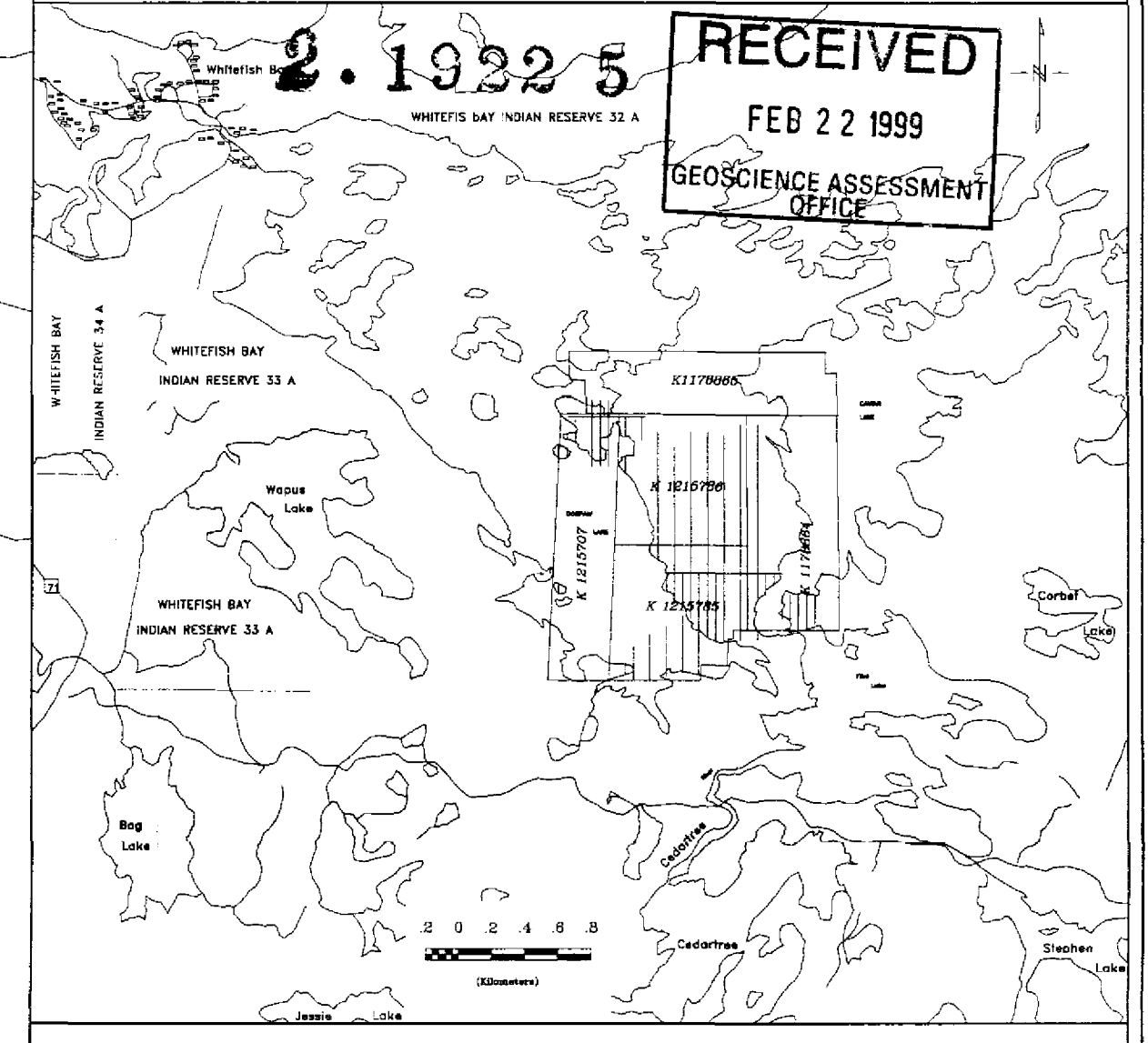
Instruments: Elec-6+ (HS), Tx-11 (GD)

Time cycle: 8 sec.

Injection time: 2 sec.

SCALE 1 : 5 000

100 0 100 200 300
(metres)



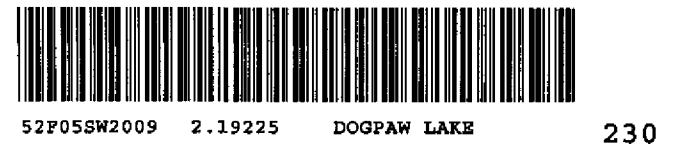
STARCORE RESOURCES LTD.
DOGPAW PROJECT

INDUCED POLARIZATION SURVEY
Image2D APPARENT CHARGEABILITY MAP AT 50m DEPTH LEVEL

VAL D'OR SAGAX INC.

Interpreted by: D. Bérubé, B.Sc. Date: 04/98

Scale 1 : 5 000 Drawing no: 98-N311-4.3



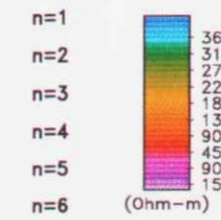
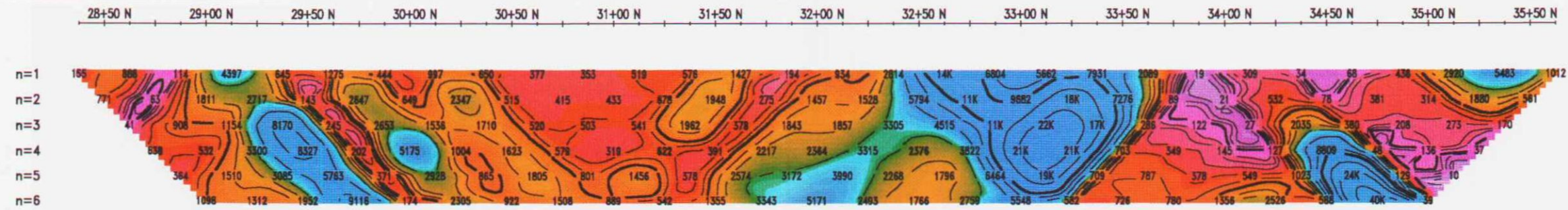


52F05SW2009 2.19225 DOGPAW LAKE

240

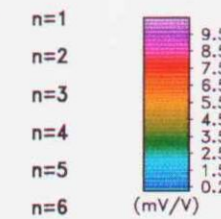
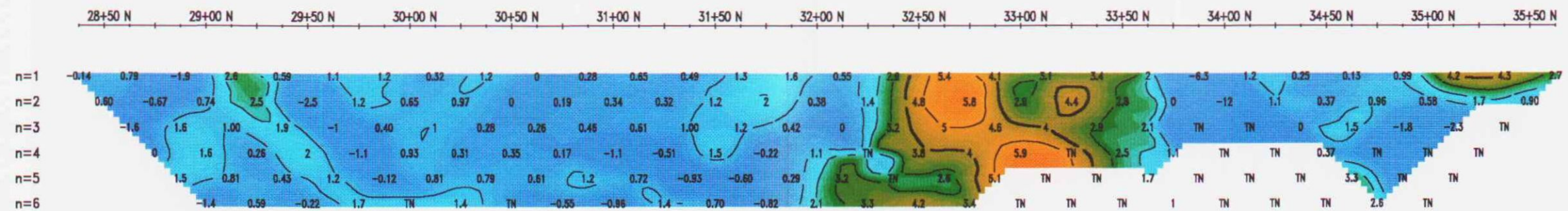
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmics



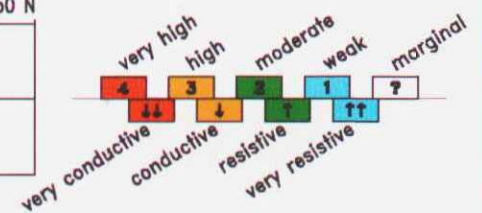
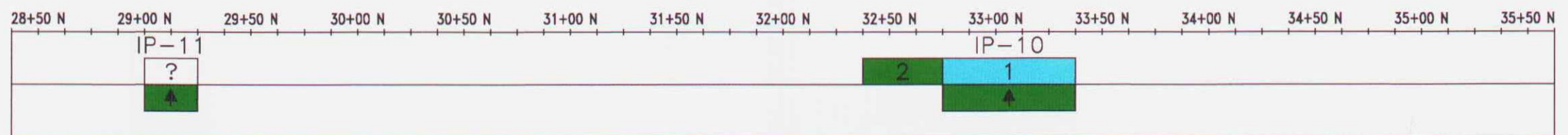
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

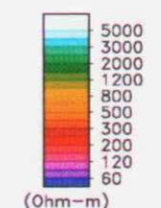
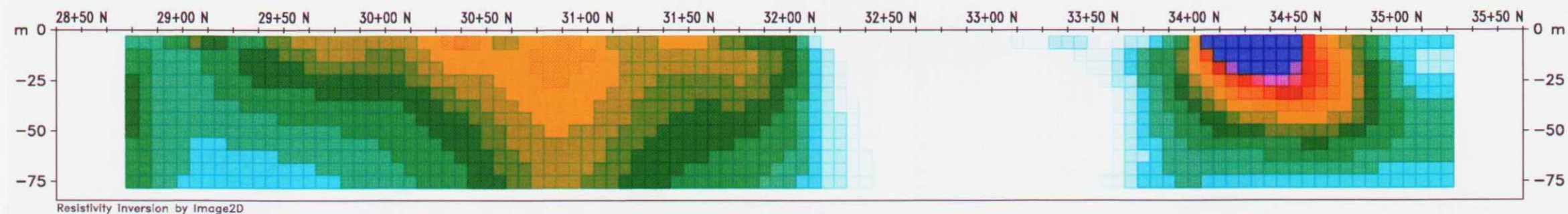


INTERPRETATION

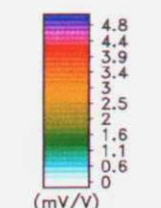
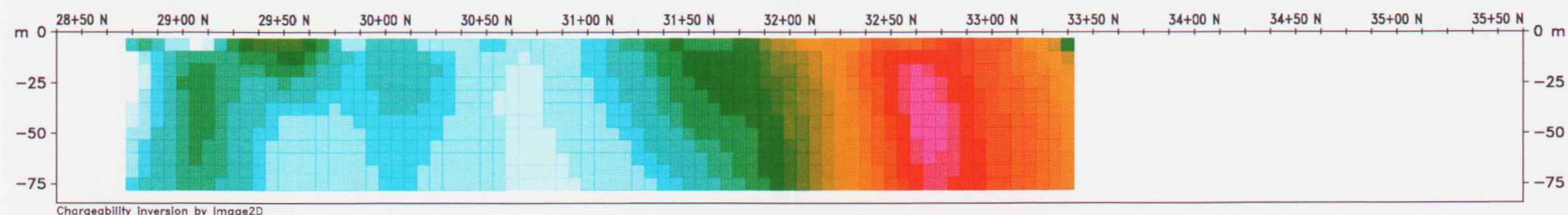
polarisability
resistivity



RESISTIVITY TRUE DEPTH SECTION

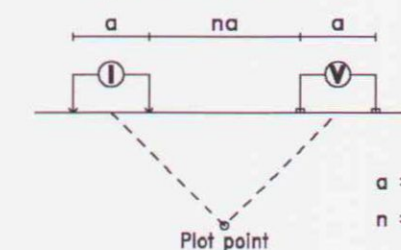


CHARGEABILITY TRUE DEPTH SECTION



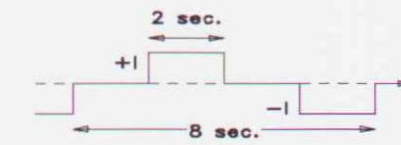
INDUCED POLARIZATION SURVEY

Dipole-Dipole Array

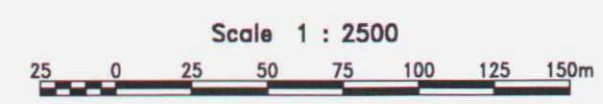
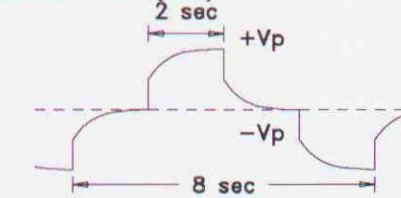


a = 25 m
n = 1 to 6

Transmitter: TX-11 (GDD), 1.4 kW



Receiver: Elrec-6+ (IRIS)



STARCORE RESOURCES LTD.

Dogpaw Property
N.T.S. 52F/05
Ontario

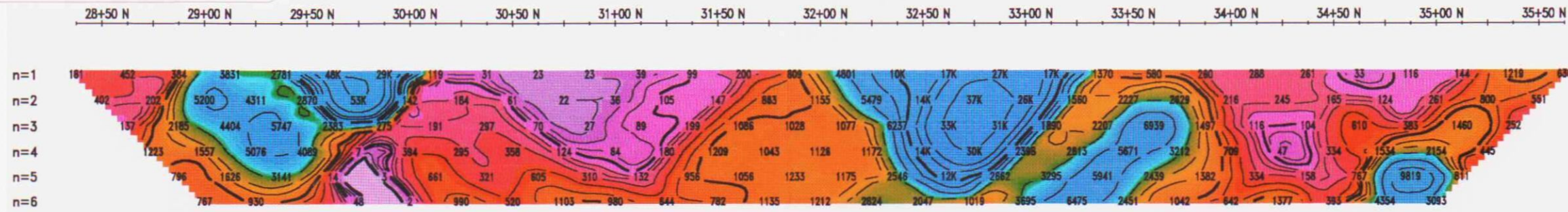
Line 600E

Interpreted by: Dominique Bérubé, B.Sc.
Date of survey: March 1998
Surveyed by: Paul Melançon
Reference: 98N311

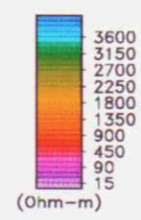




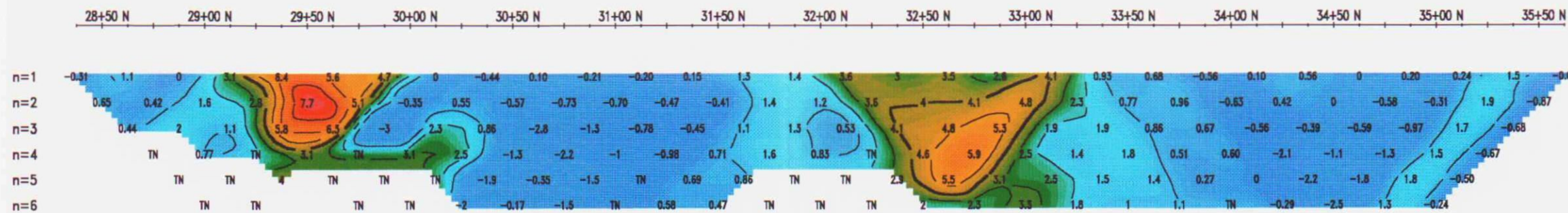
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



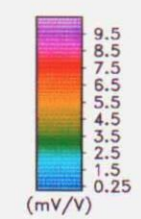
n=1
n=2
n=3
n=4
n=5
n=6



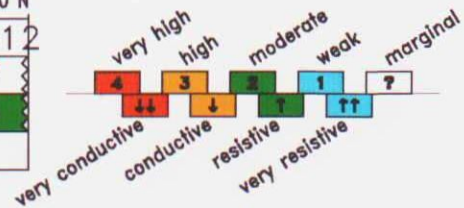
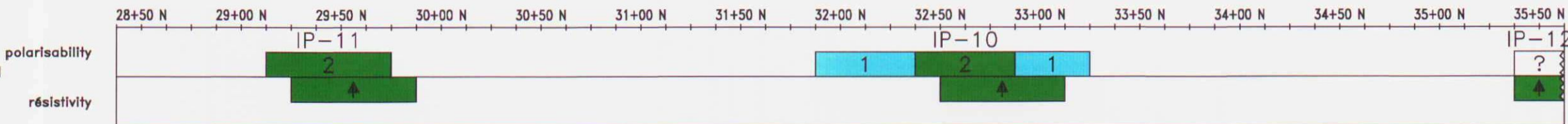
APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1



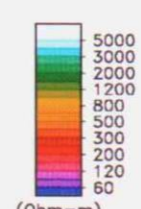
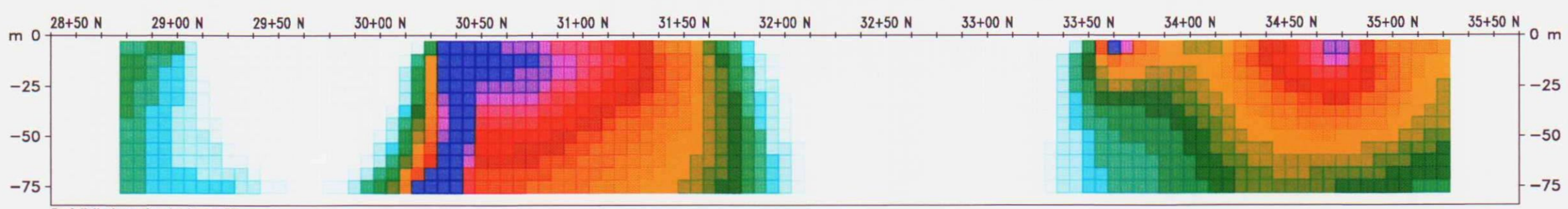
n=1
n=2
n=3
n=4
n=5
n=6



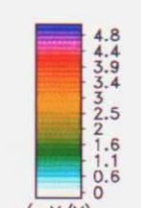
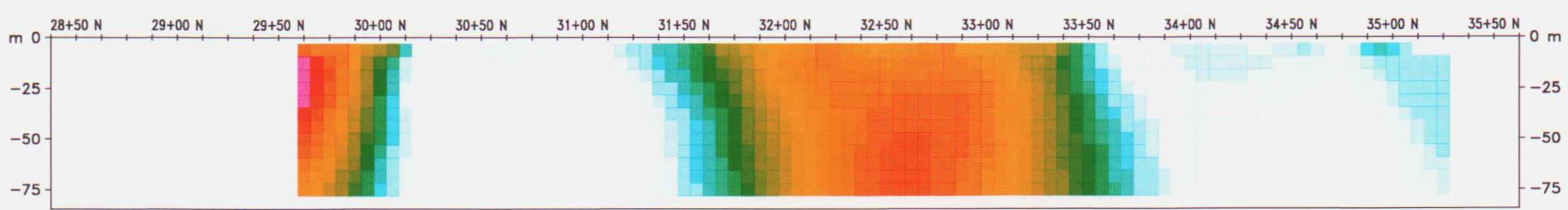
INTERPRETATION



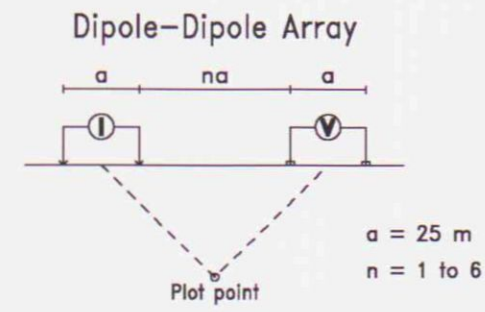
RESISTIVITY TRUE DEPTH SECTION



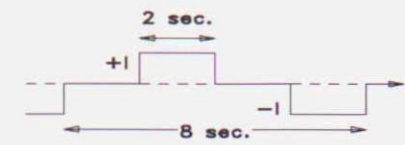
CHARGEABILITY TRUE DEPTH SECTION



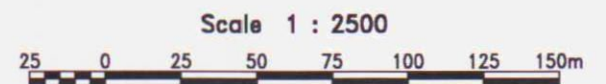
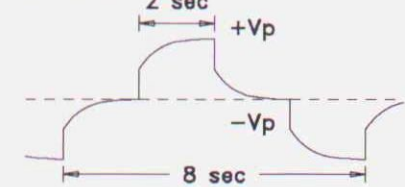
INDUCED POLARIZATION SURVEY



Transmitter: TX-11 (GDD), 1.4 kW



Receiver: Elrec-6+ (IRIS)



STARCORE RESOURCES LTD.

Dogpaw Property
N.T.S. 52F/05
Ontario

Line 700E

Interpreted by: Dominique Bérubé, B.Sc.
Date of survey: March 1998
Surveyed by: Paul Melançon
Reference: 98N311



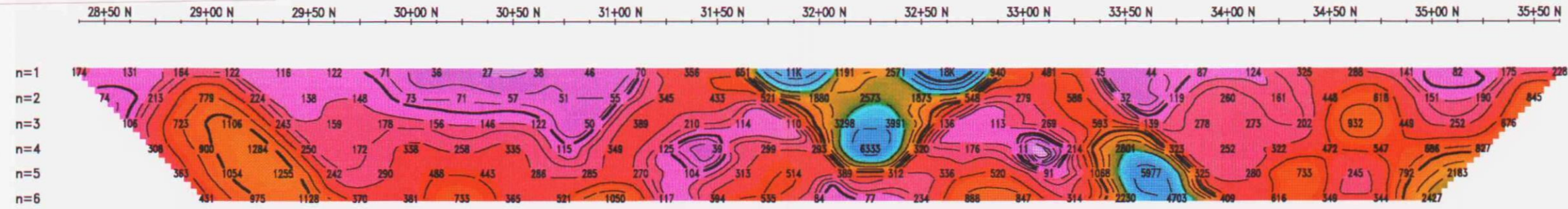


52F05SW2009 2.19225 DOGPAW LAKE

260

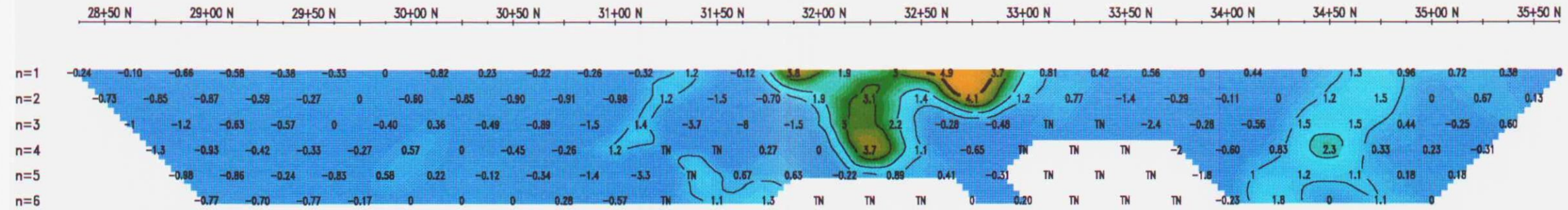
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



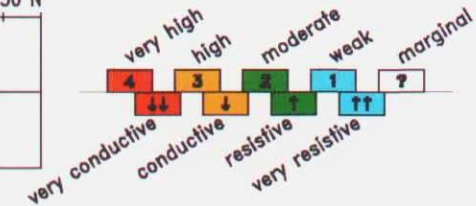
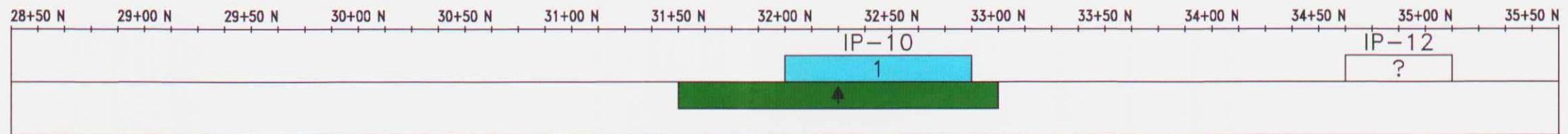
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

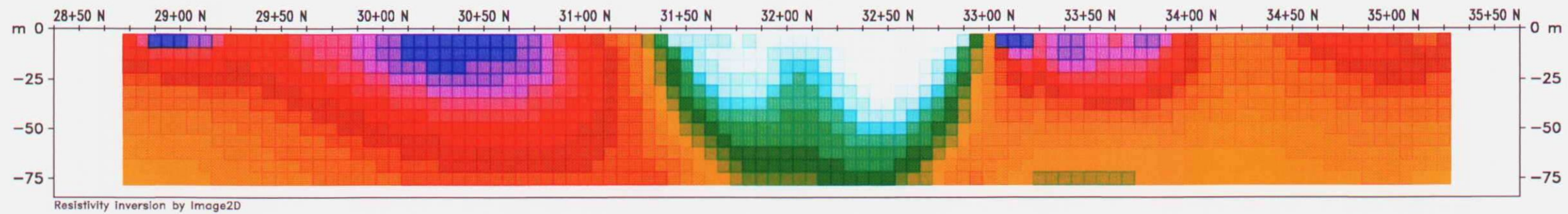


INTERPRETATION

polarisability
resistivity

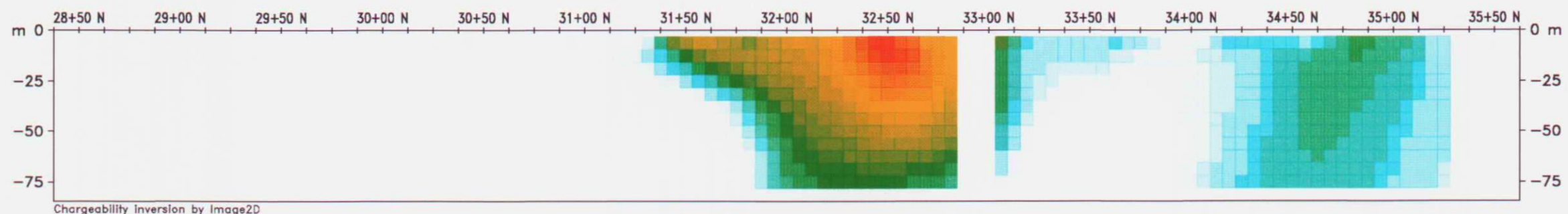


RESISTIVITY TRUE DEPTH SECTION



Resistivity Inversion by Image2D

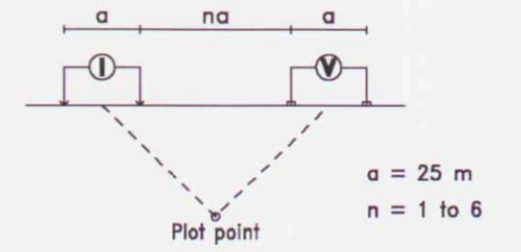
CHARGEABILITY TRUE DEPTH SECTION



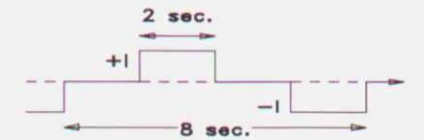
Chargeability Inversion by Image2D

INDUCED POLARIZATION SURVEY

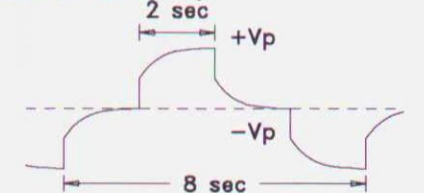
Dipole-Dipole Array



Transmitter: TX-11 (GDD), 1.4 kW



Receiver: Elrec-6+ (IRIS)



Scale 1 : 2500



STARCORE RESOURCES LTD.

Dogpaw Property
N.T.S. 52F/05
Ontario

Line 800E

Interpreted by: Dominique Bérubé, B.Sc.
Date of survey: March 1998
Surveyed by: Paul Melançon
Reference: 98N311



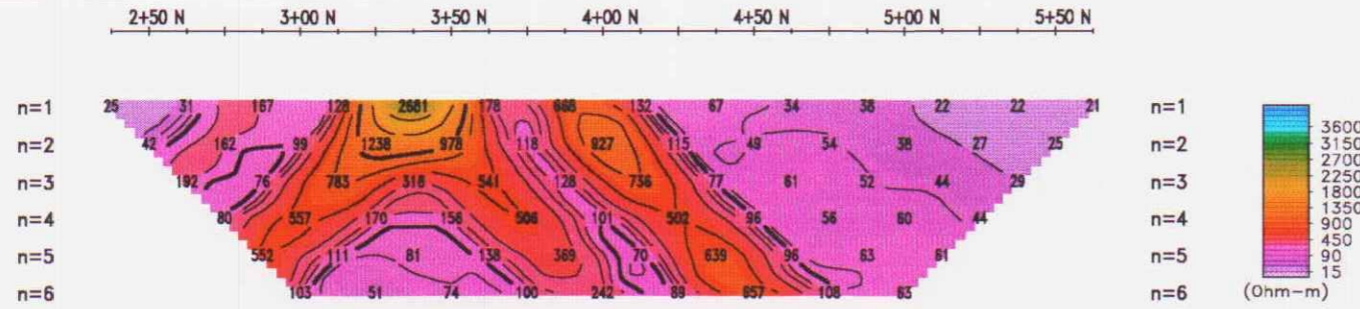


52F05SW2009 2.19225 DOGPAW LAKE

270

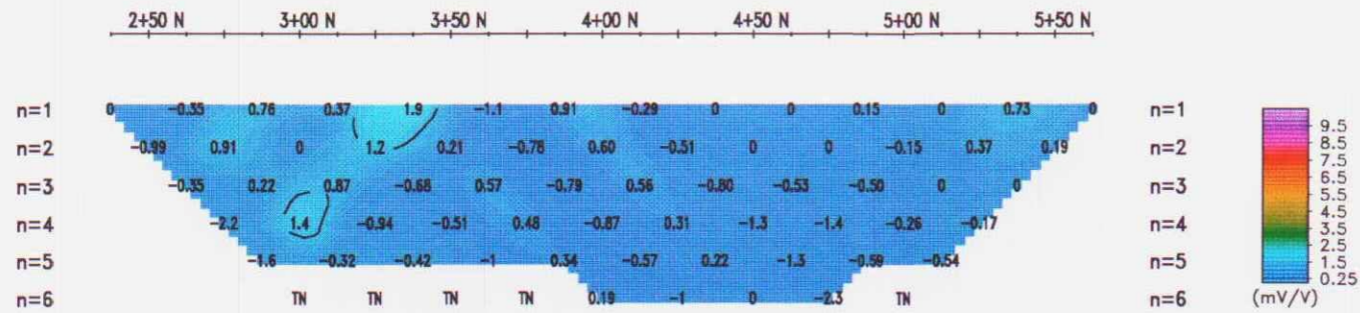
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmics



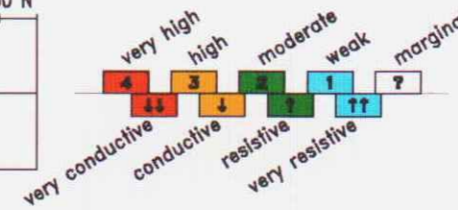
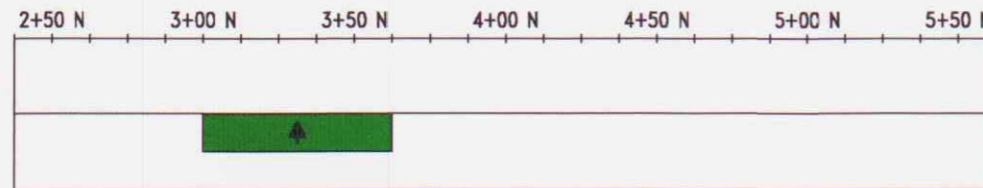
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

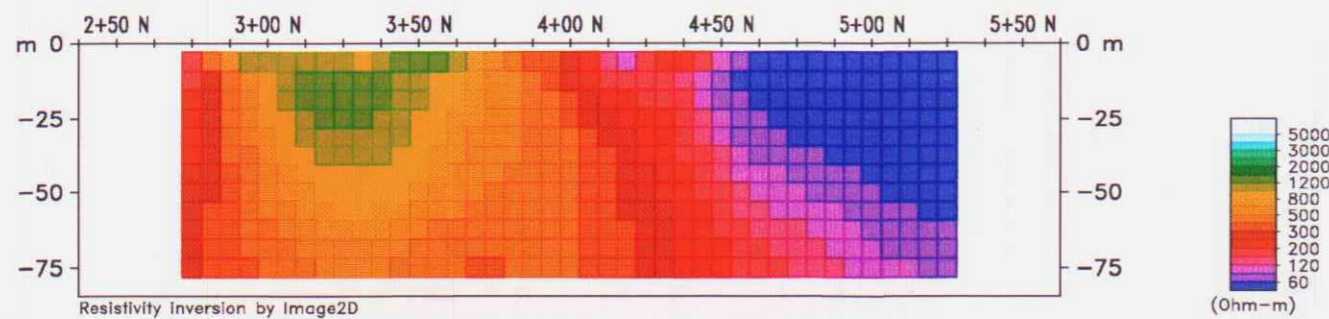


INTERPRETATION

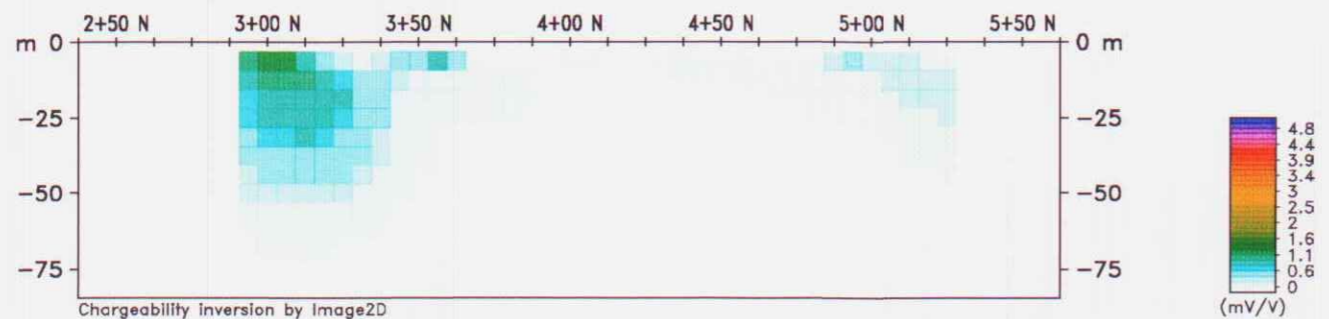
polarisability
résistivity



RESISTIVITY TRUE DEPTH SECTION

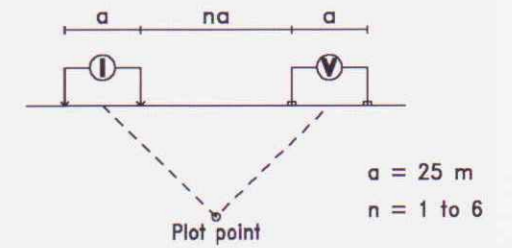


CHARGEABILITY TRUE DEPTH SECTION

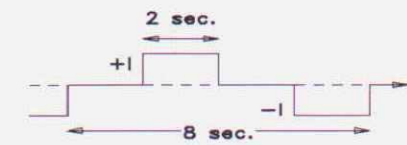


INDUCED POLARIZATION SURVEY

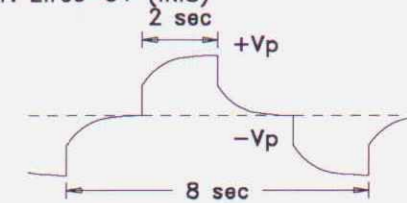
Dipole-Dipole Array



Transmitter: TX-11 (GDD), 1.4 kW



Receiver: Elrec-6+ (IRIS)



Scale 1 : 2500



STARCORE RESOURCES LTD.

Dogpaw Property
N.T.S. 52F/05
Ontario

Line 1100E

Interpreted by: Dominique Bérubé, B.Sc.
Date of survey: March 1998
Surveyed by: Paul Melançon
Reference: 98N311



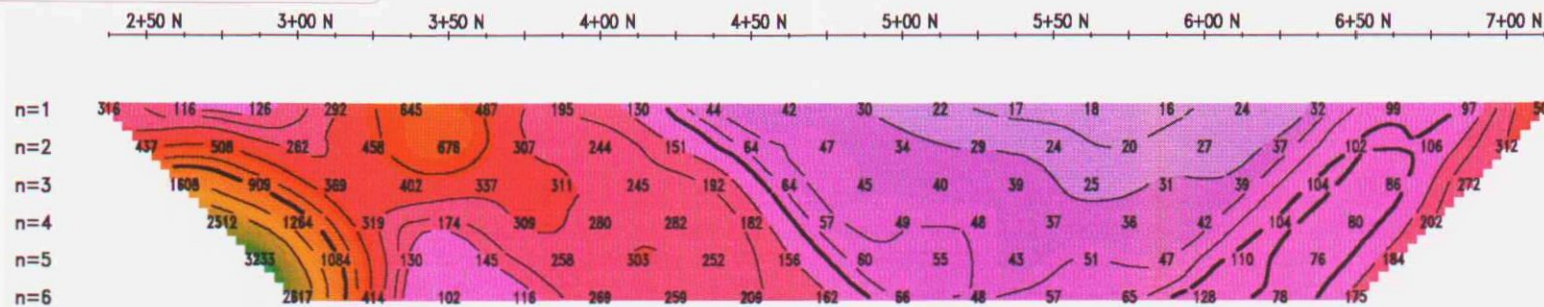


52F05SW2009 2.19225 DOGPAW LAKE

280

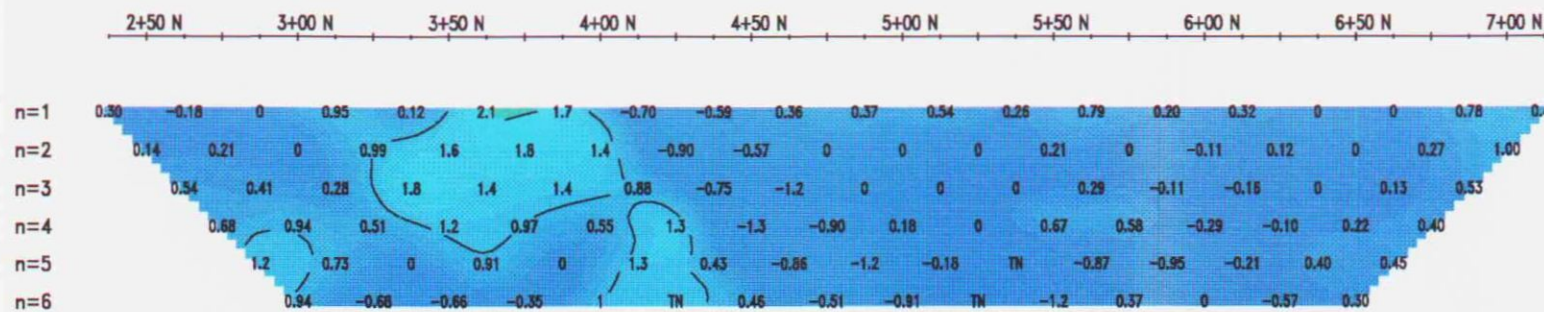
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmics

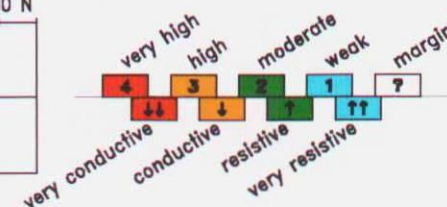
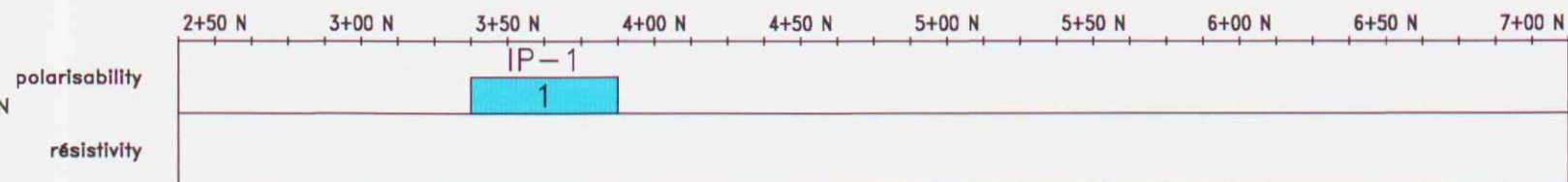


APPARENT CHARGEABILITY PSEUDO SECTION

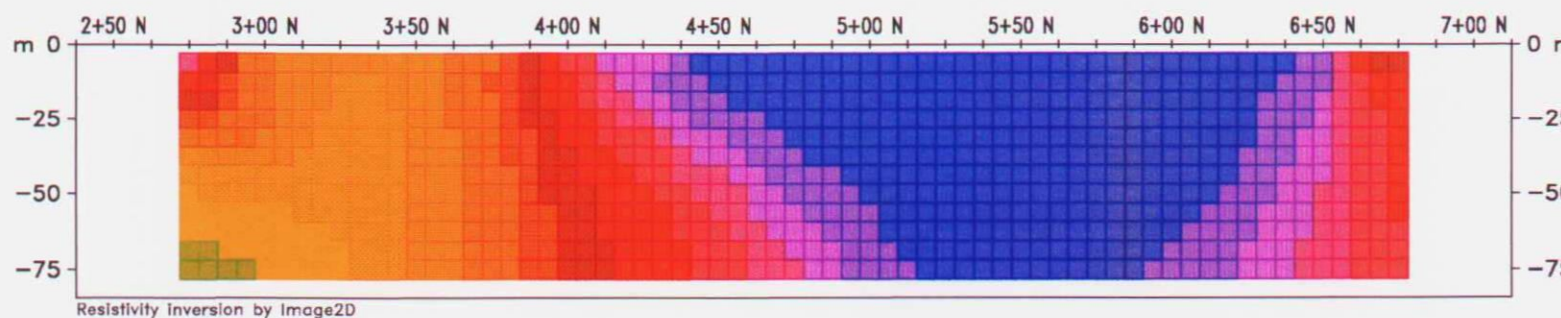
Contours: 1



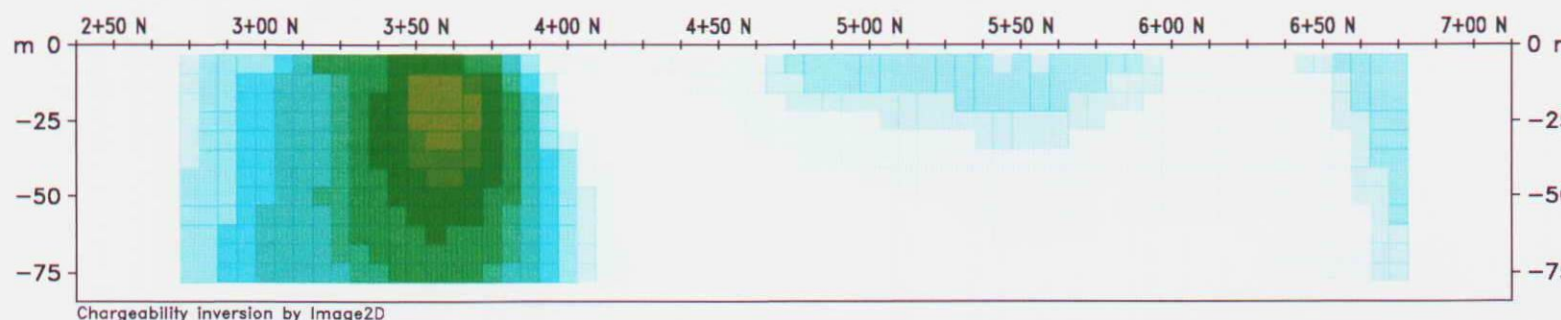
INTERPRETATION



RESISTIVITY TRUE DEPTH SECTION

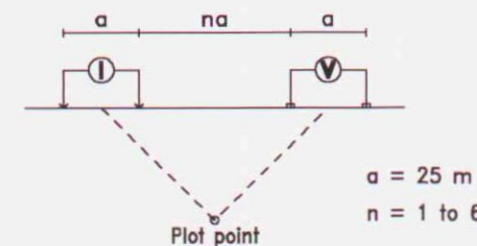


CHARGEABILITY TRUE DEPTH SECTION

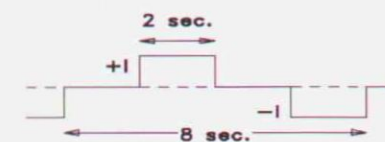


INDUCED POLARIZATION SURVEY

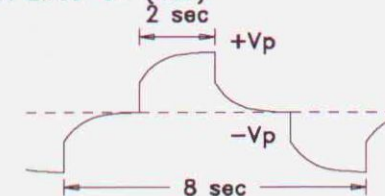
Dipole-Dipole Array



Transmitter: TX-11 (GDD), 1.4 kW



Receiver: Elrec-6+ (IRIS)



Scale 1 : 2500



STARCORE RESOURCES LTD.

Dogpaw Property
N.T.S. 52F/05
Ontario

Line 1300E

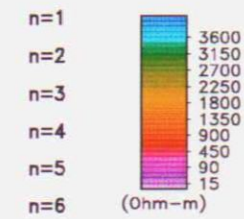
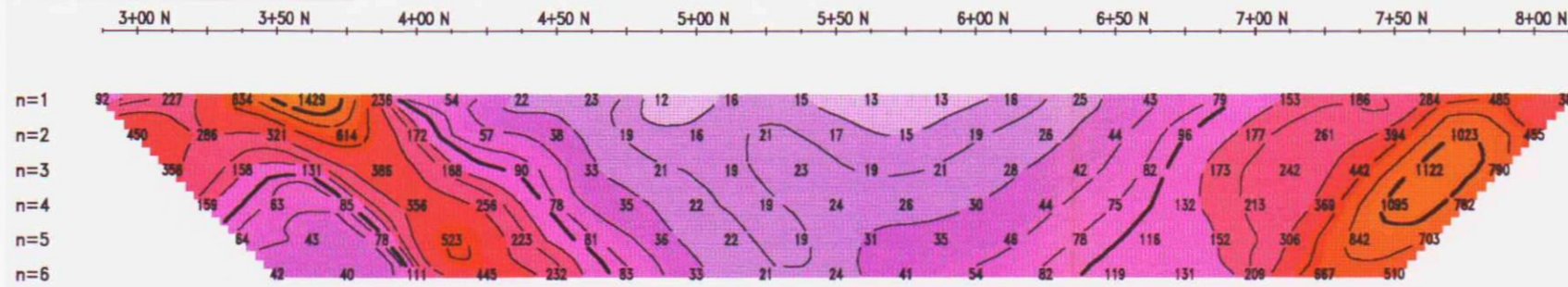
Interpreted by: Dominique Bérubé, B.Sc.
Date of survey: March 1998
Surveyed by: Paul Melançon
Reference: 98N311

VAL D'OR
SAGAX



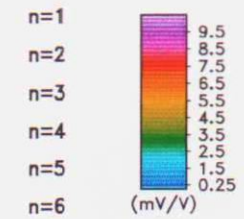
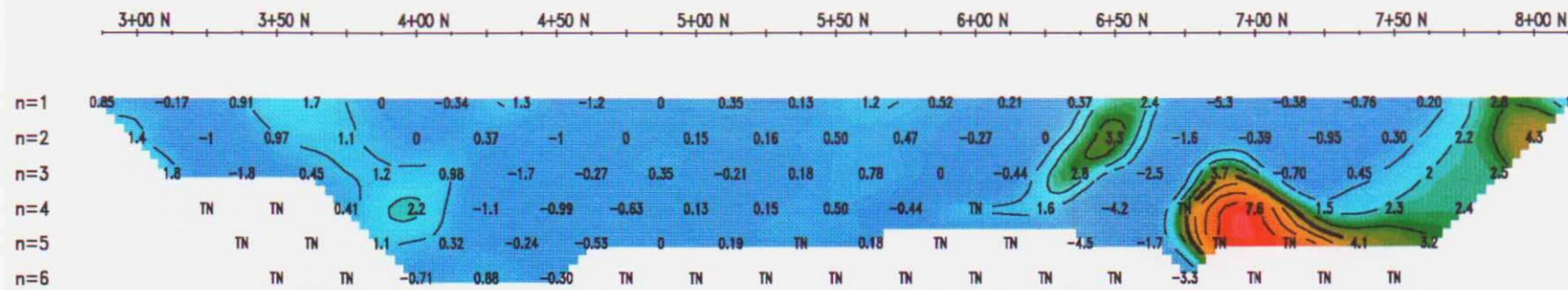
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmics



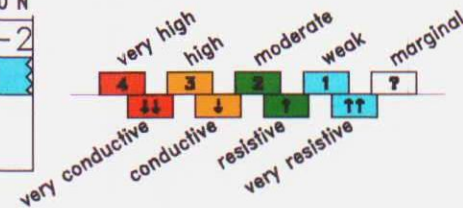
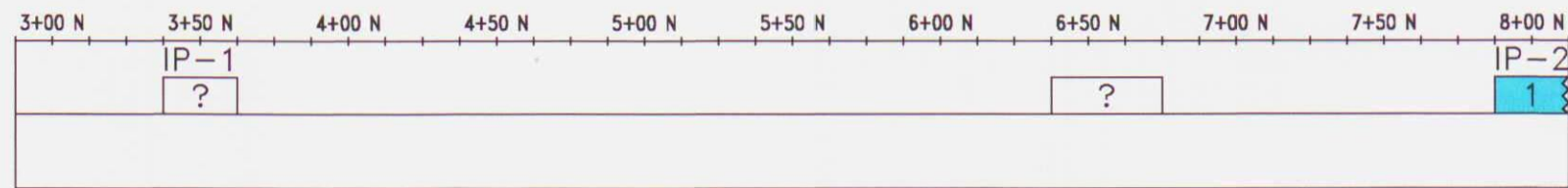
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

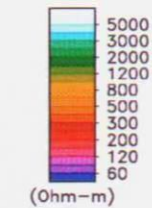
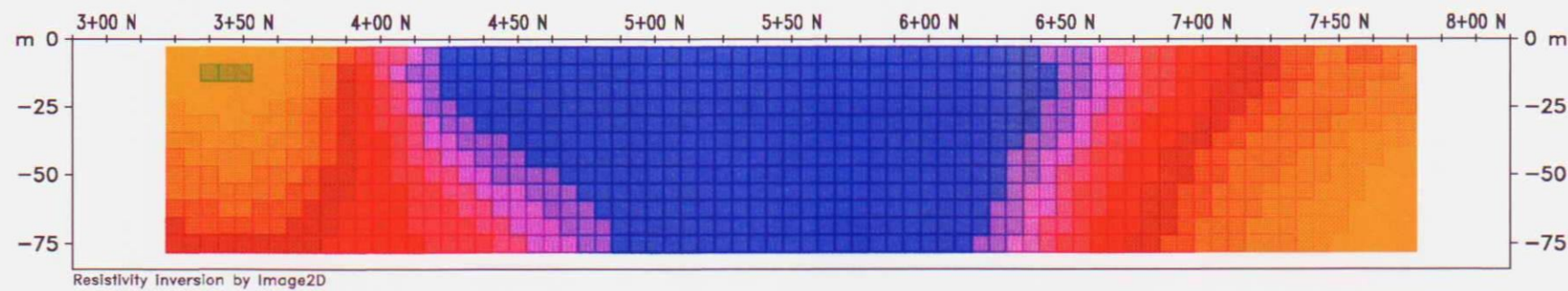


INTERPRETATION

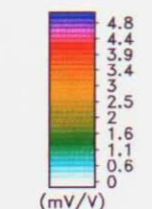
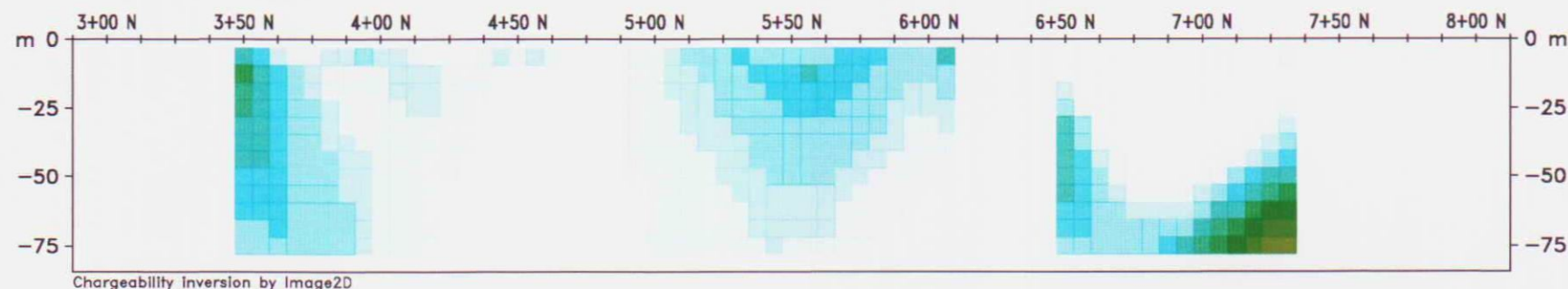
polarisability
resistivity



RESISTIVITY TRUE DEPTH SECTION

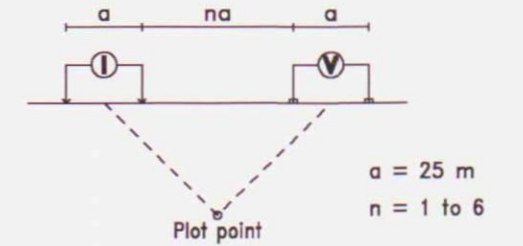


CHARGEABILITY TRUE DEPTH SECTION

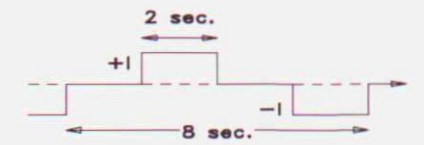


INDUCED POLARIZATION SURVEY

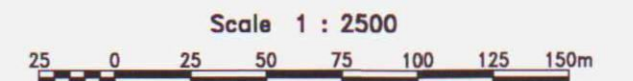
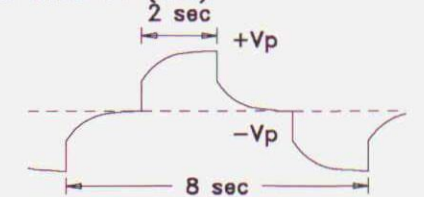
Dipole-Dipole Array



Transmitter: TX-11 (GDD), 1.4 kW



Receiver: Elrec-6+ (IRIS)



STARCORE RESOURCES LTD.

**Dogpaw Property
N.T.S. 52F/05
Ontario**

Line 1500E

Interpreted by: Dominique Bérubé, B.Sc.
Date of survey: March 1998
Surveyed by: Paul Melançon
Reference: 98N311

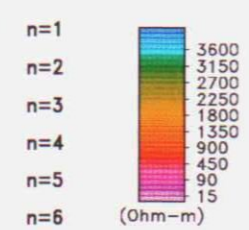
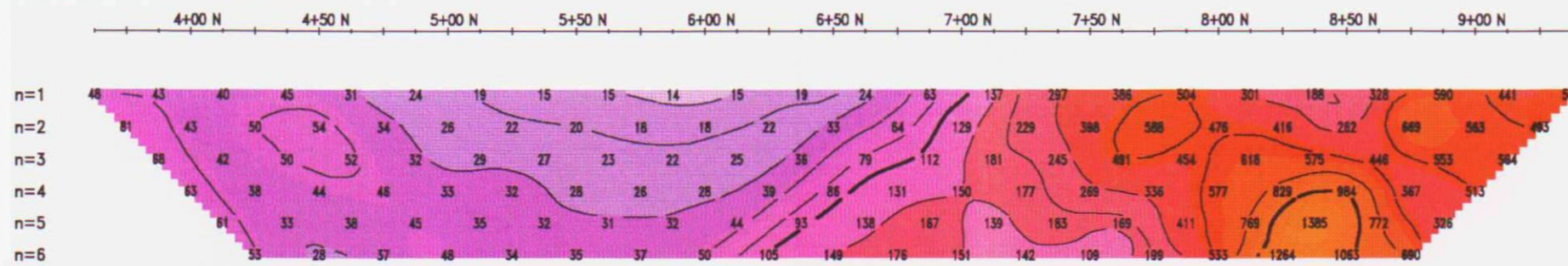




52F05SW2009 2.19225 DOGPAW LAKE 300

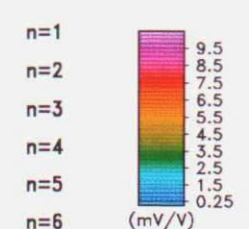
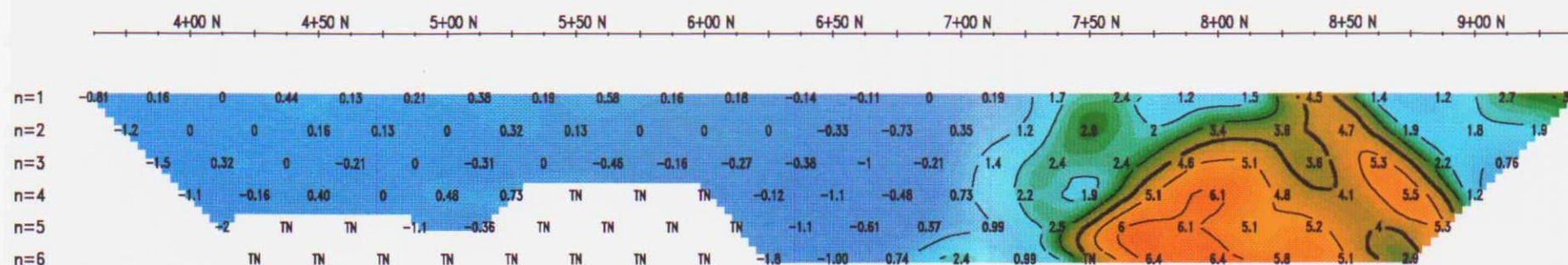
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



APPARENT CHARGEABILITY PSEUDO SECTION

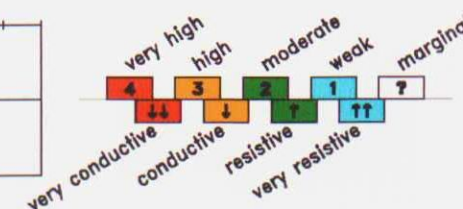
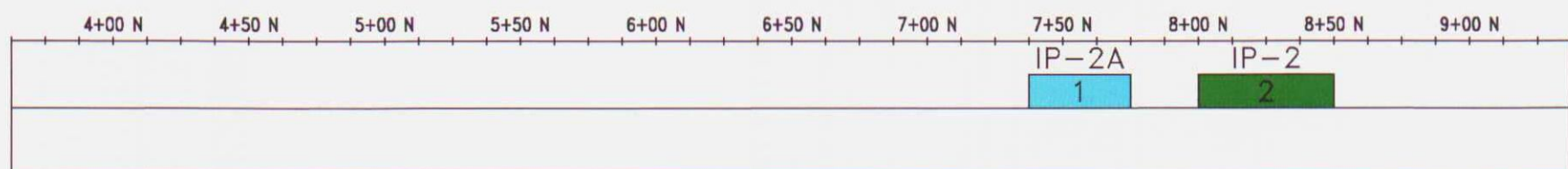
Contours: 1



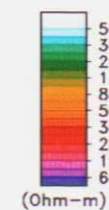
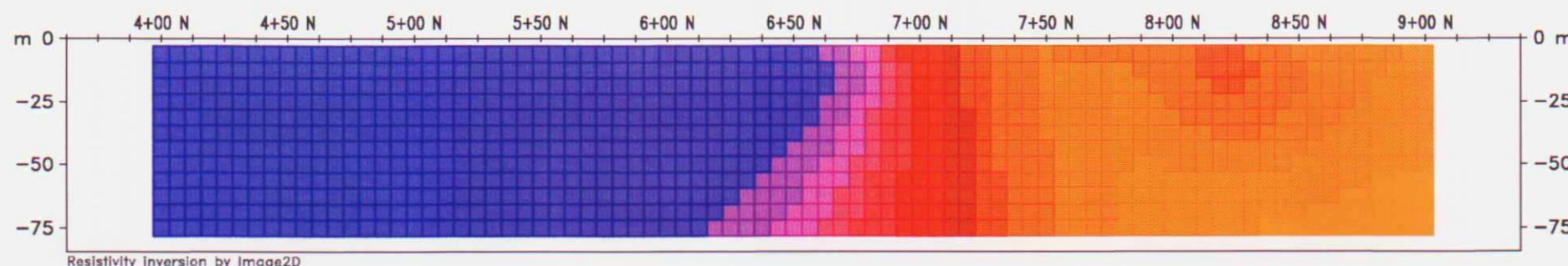
INTERPRETATION

polarisability

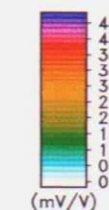
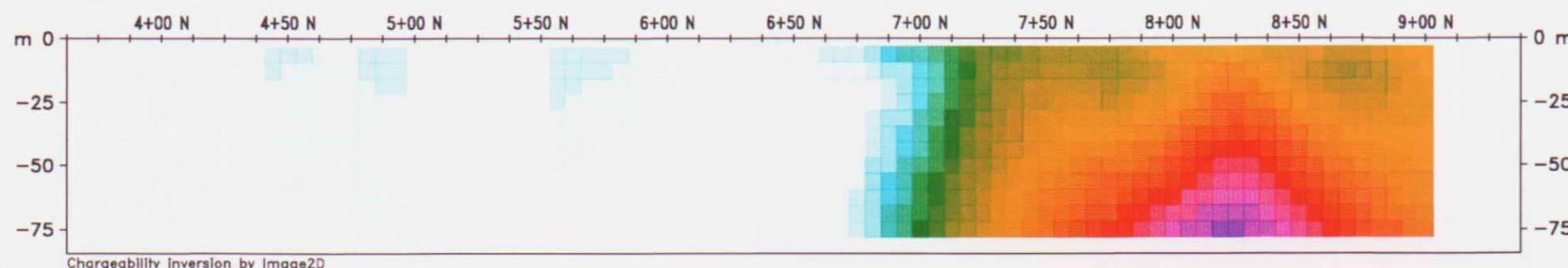
resistivity



RESISTIVITY TRUE DEPTH SECTION

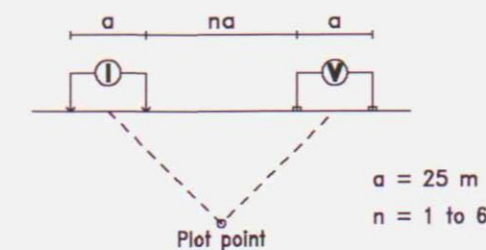


CHARGEABILITY TRUE DEPTH SECTION

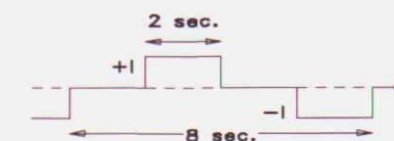


INDUCED POLARIZATION SURVEY

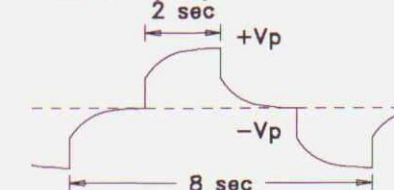
Dipole-Dipole Array



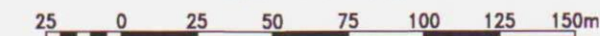
Transmitter: TX-11 (GDD), 1.4 kW



Receiver: Elrec-6+ (IRIS)



Scale 1 : 2500



STARCORE RESOURCES LTD.

Dogpaw Property
N.T.S. 52F/05
Ontario

Line 1700E

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Date of survey: March 1998
Surveyed by: Paul Melançon
Reference: 98N311

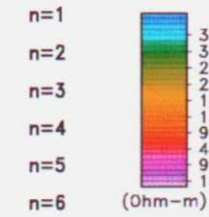
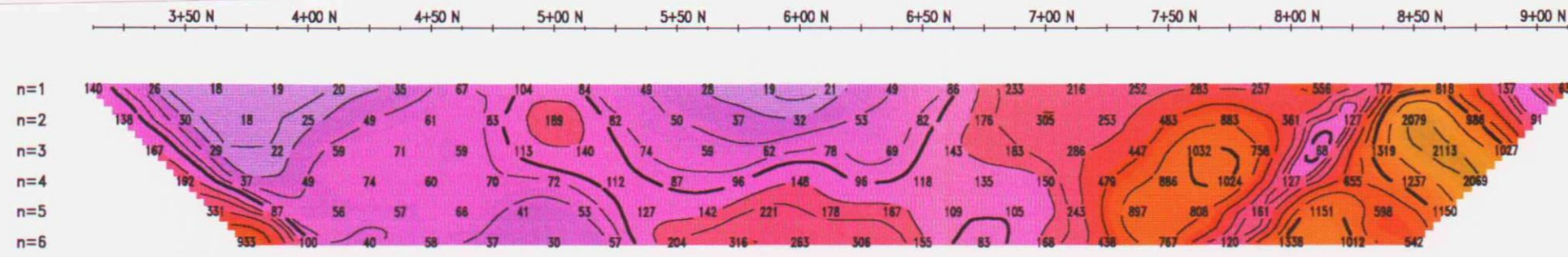




52F05SW2009 2.19225 DOGPAW LAKE 310

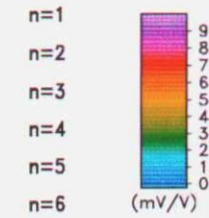
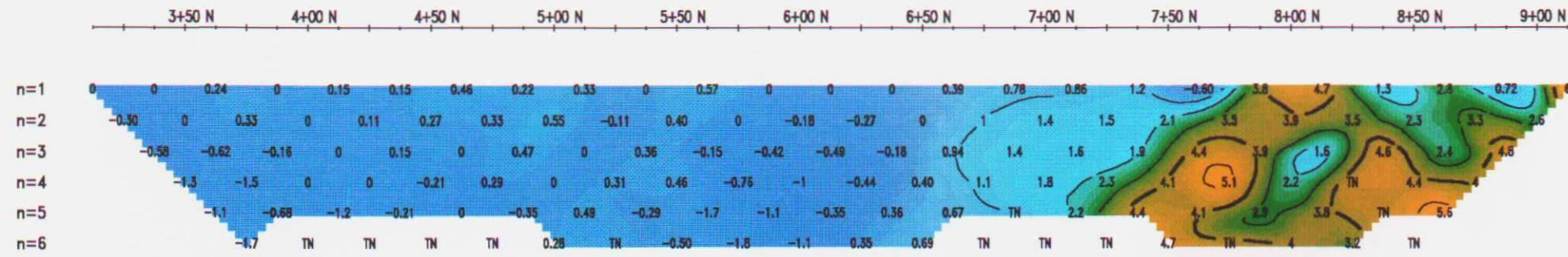
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmics



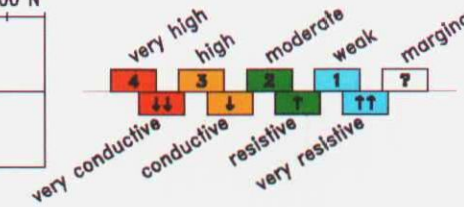
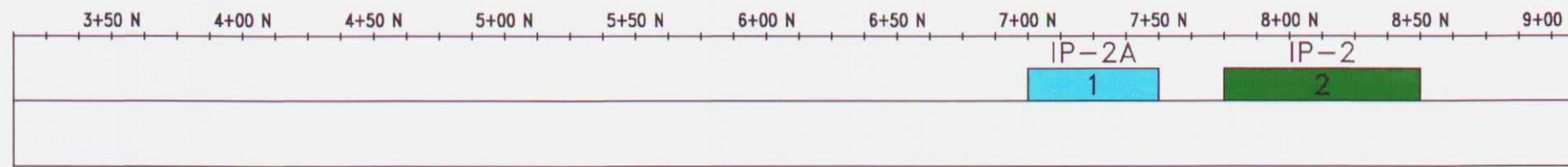
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

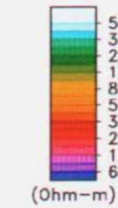
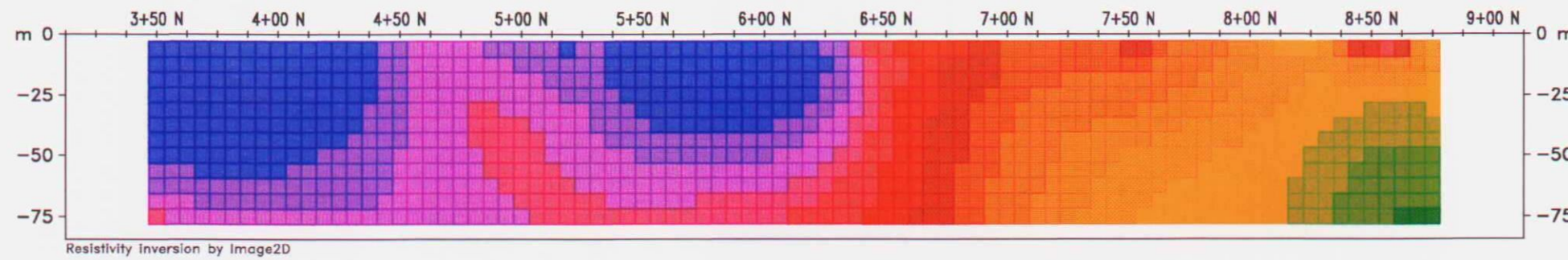


INTERPRETATION

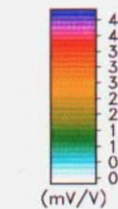
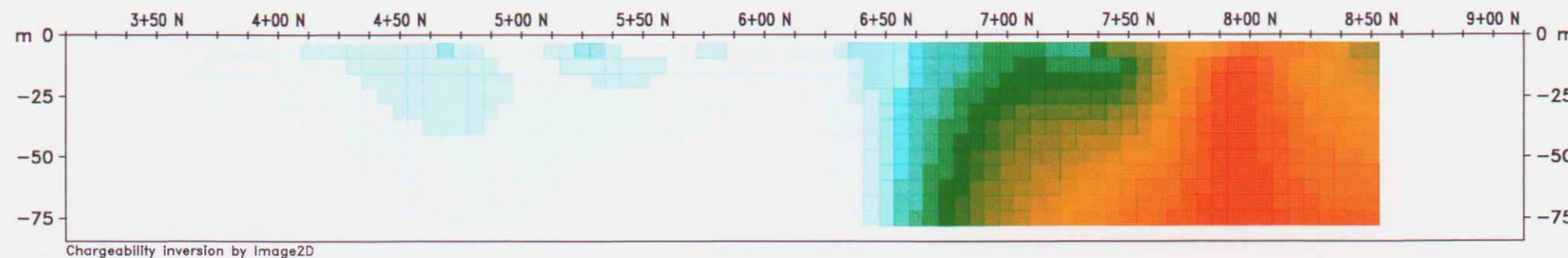
polarisability
résistivity



RESISTIVITY TRUE DEPTH SECTION

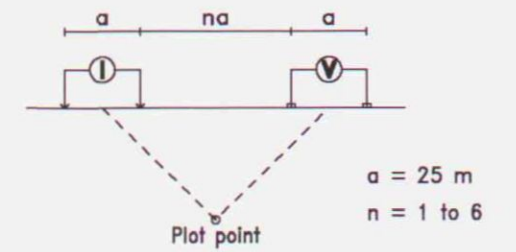


CHARGEABILITY TRUE DEPTH SECTION

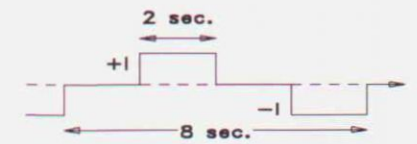


INDUCED POLARIZATION SURVEY

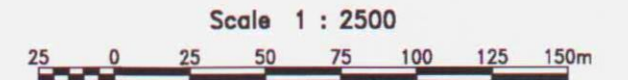
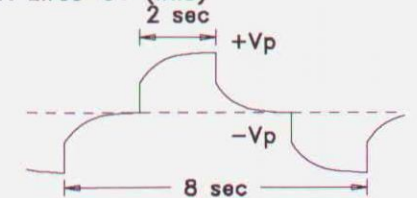
Dipole-Dipole Array



Transmitter: TX-11 (GDD), 1.4 kW



Receiver: Elrec-6+ (IRIS)



STARCORE RESOURCES LTD.

Dogpaw Property
N.T.S. 52F/05
Ontario

Line 1900E

Interpreted by: Dominique Bérubé, B.Sc.
Date of survey: March 1998
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Reference: 98N311

