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010

GEOPHYSICAL SURVEYS
Property of
FALCONBRIDGE LIMITED
Wisner - Footwall
and Ryanor Projects
Wisner and Bowell Townships
Province of Ontario
April 1996

P. Boileau **D. Lapointe**

Qual# 2.12462

2.16607

96-002

SUMMARY

In March and April 1996, induced polarization and horizontal loop EM surveys were performed respectively on the Wisner - Footwall and Ryanor properties owned by **FALCONBRIDGE LIMITED** in Wisner and Bowell Townships, Sudbury area, Province of Ontario.

Several weak to moderate I.P. anomalous zones were detected on the **WISNER - FOOTWALL Project** whereas one strong HEM conductor was outlined on the **RYANOR Project.**

Recommendations for further work consist of detail geological mapping on the **WISNER - FOOTWALL Project** and of complementary HEM, DEEPEM or I.P. survey on the **RYANOR Project**, followed, if warranted, by diamond drilling on both projects.

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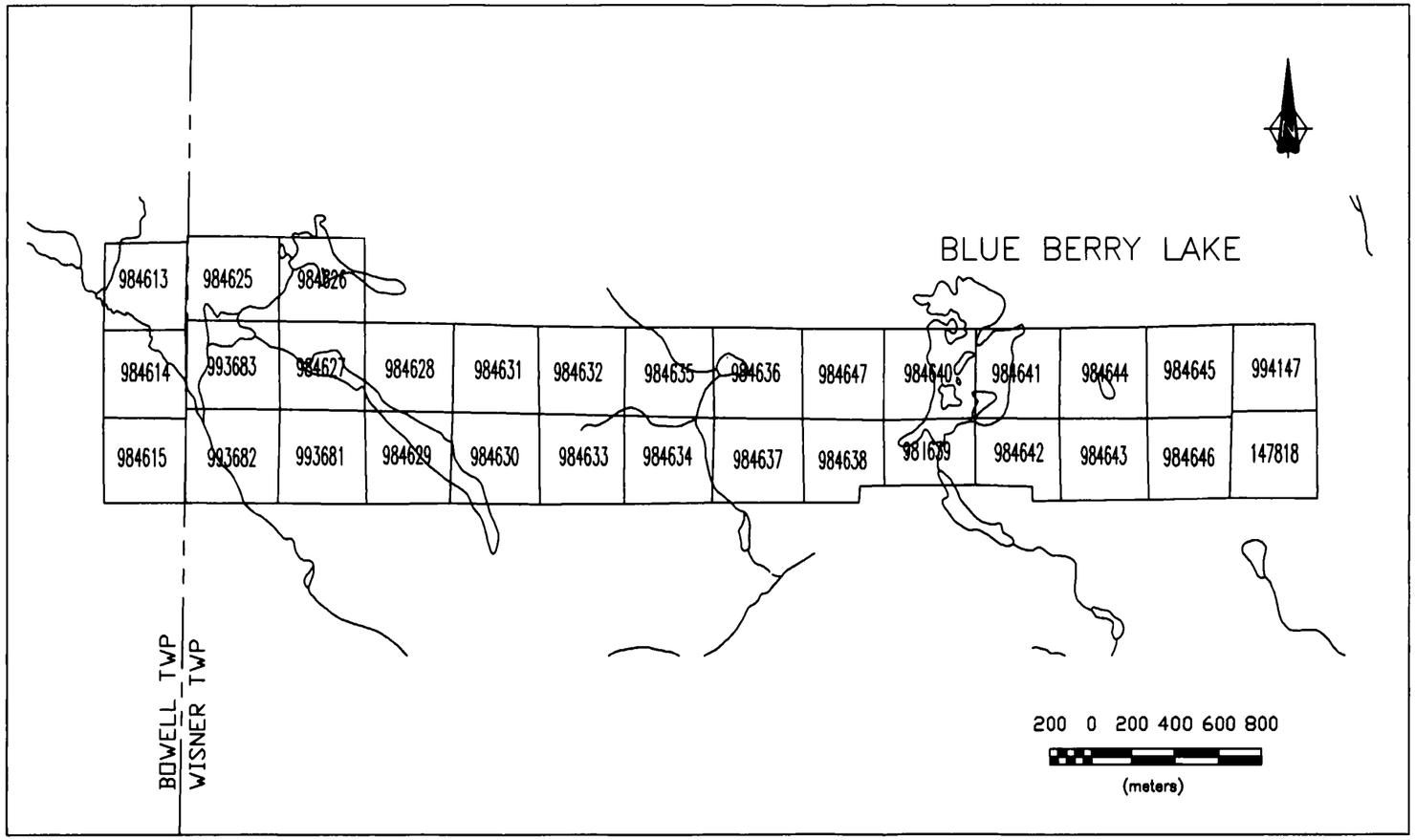
~~3.2~~	~~440 Hz - Profiles~~
~~3.4~~	~~1760 Hz - Profiles~~
~~3.5~~	~~3520 Hz - Profiles~~

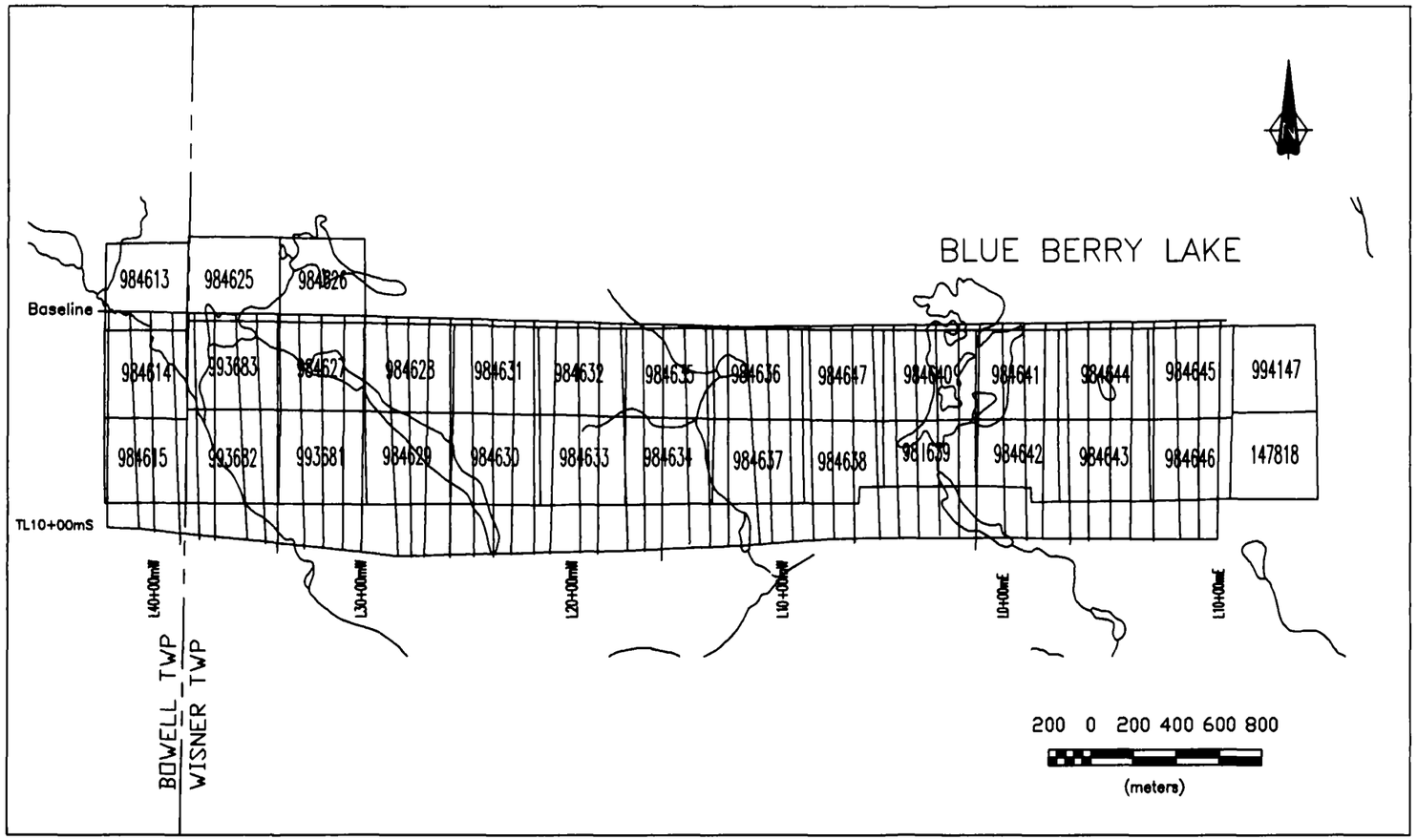
DRAWING NO.	INDUCED POLARIZATION SURVEY
4.2	Resistivity contours (Filtre)
4.3	Chargeability contours (Filtre)



FALCONBRIDGE LTD

WISNER - FOOTWALL Project

Figure #1: Index of claims



FALCONBRIDGE LTD

WISNER – FOOTWALL Project

Figure #2: Survey area

INTRODUCTION

In March and April 1996, induced polarization and horizontal-loop EM surveys were carried out respectively on two properties owned by **FALCONBRIDGE LTD**, namely the **WISNER - FOOTWALL and RYANOR Projects**, located in Wisner and Bowell Townships, Province of Ontario.

The surveys were designed to locate geophysical anomalies potentially caused by sulphide-rich zones favorable for precious and/or base metal deposits.

PROPERTY, LOCATION AND ACCESS

The **WISNER - FOOTWALL and RYANOR Projects** are located approximately 40 kilometres north of Sudbury, in Wisner and Bowell Townships, Province of Ontario. The survey area is accessible in winter from Sudbury to the north via secondary roads (89 and 96), first by truck and then by snowmobile.

The mineral exploration permits are owned by **FALCONBRIDGE LTD** and are registered with the Ministry of Northern Development and Mines of Ontario. These permits are presented in Figures #1 and #3 of this report.

GEOPHYSICAL SURVEY

From March 19th to April 5th 1996, 46.7 line-kilometres of induced polarization survey were performed on the **WISNER - FOOTWALL Project** (Figure #2).

Also, 5.0 line-kilometers of horizontal-loop EM survey were executed on the small Ryanor claim block immediately to the south (Figure #3).

SURVEY SPECIFICATIONS AND INSTRUMENTATION

The geophysical surveys were carried out along two networks of N-S picket lines, spaced every 100 metres or 50 m and chained with stations marked every 25 metres.

The induced polarization and resistivity survey was conducted with an IP-6 time-domain receiver manufactured by BRGM (IRIS) and with an IPT-1 transmitter using a 1,0 kW MG-1 motor generator. A pole-dipole array was used with a 50 metre electrode separation (a). Primary voltage and chargeability effects were measured every 25 metres for dipole separations (n) of 1 to 4 with precisions of 0,1 mV and 0,1 mV/V respectively.

The horizontal-loop EM survey (HEM) was carried out with an Apex Parametrics MAXMIN I system, which was used in the horizontal coplanar loop mode with a 150 metre separation between the transmitting and receiving coils. Readings were taken at 25 metre intervals along the lines. The instrument is capable of operating on nine different frequencies of which 440 Hz, 1760 Hz and 3520 Hz were selected. In this type of survey, both in-phase and out-of-phase components of the secondary field are measured and are recorded as percentages of the primary field with a precision of 1%.

RESULTS AND INTERPRETATION

a) Induced Polarization survey (Wisner - Footwall Property)

The apparent resistivities measured on the property are generally high and likely representative of shallow bedrock with readings often ranging between 5000 and more than 30 000 ohm.m. The narrow oriented zones of slightly lower resistivity traversing the grid following a N.NW-S.SE orientation are often associated with topographical features such as creeks and lakes and could then be related to structural elements.

On the other hand, the chargeability effects collected during the survey present a moderate background of 3 to 9 mV/V whith readings reaching locally more than 20 mV/V.

The survey detected several weak to moderate anomalous responses which are often characterized by moderate to locally strong chargeability effects associated with very little or no resistivity decreases.

The best responses were detected at the southern end of lines 3300W to 2600W where strong chargeability effects of 15 to 30 mV/V seem to constitute two short anomalous zones showing a general E-W orientation. Another group of three anomalies characterized by moderate chargeability effects of 10 to 18 mV/V associated this time with weak resistivity decreases was also outlined at the northern end of lines 900W to 700W.

Two isolated responses, also of interest, detected on lines 2500W and 1500W, present chargeability effects of 8 to 12 mV/V associated with weak resistivity decreases.

As for the other weaker responses, they are usually characterized by chargeability effects of less then 10 mV/V rarely associated with weak resistivity decreases and constitute rather short isolated anomalous zones showing NE-SW to NW-SE orientations.

b) Horizontal-loop EM survey (Ryanor Property)

The survey detected in the western part of the grid a strong conductive zone showing a W.NW-E.SE orientation. As a matter of fact, the strong amplitude responses obtained on lines 3450E and 3500E and present on the three frequencies used indicate likely a double conductor of very high conductance (> siemens) located at a depth inferior to 20 m.

As for the peculiar and unusual response obtained on line 3800E between TL 1800N and 1850N, except for an instrumental defectuosity which is always possible, only a small near-surface conductor or a cultural effect could explain it; a verification should be done over this response with another instrument and cable.

Finally, the in-phase responses with no out-of-phase signature picked-up on line 3850E at 1875N is thought to be caused partly by topographical effects, but could also be produced by a deep very strong conductor; this response should also be checked by other geophysical methods (IP, DEEPEM).

CONCLUSION AND RECOMMENDATIONS

The induced polarization and resistivity survey excuted on the **WISNER - FOOTWALL Project** detected several weak to moderate anomalous responses characterized by moderate to locally strong chargeability effects rarely associated with very weak resistivity decreases.

On the other hand, the HEM survey executed on the **RYANOR Project** outlined one strong shallow conductive zone.

It is recommended to execute on the **WISNER - FOOTWALL Project**, where the bedrock likely outcrops in many places, a detail geological survey in order to try to explain the best IP responses.

On the **RYANOR Property**, a few complementary HEM, IP or DEEPEM profiles could allow to verify the uncertain responses detected in the east part of this grid.

Recommendations for further work on both grids should consist of diamond drilling to test, if warranted, the best geophysical responses.

Respectfully submitted,
VAL D'OR GEOPHYSICS LIMITED

by: Pierre Boileau, P.Eng.
Geophysicist

and by: Daniel Lapointe, M.Sc.
Geologist

CERTIFICATE

I, undersigned, Pierre Boileau, P. Eng., certify that:

I reside at 1725 Duchesne, Val d'Or, Quebec, since 1981.

I am a graduate of Ecole Polytechnique, Universite de Montreal, Quebec where I have obtained a B.Sc.A. in Geological engineering in 1971.

I have been engaged in Exploration Geophysics since 1968 and have been practicing as a professional engineer since 1971.

I am a member of the Ordre des Ingenieurs du Quebec, the Quebec Prospector Association, the Prospector & Developers Association of Canada, the Society of Exploration Geophysicist and the Canadian Institute of Mining & Metallurgy.

This report is based on the information contained in the survey described. The interpretation of the data was made using methods known in the literature and based on my personal experience.

I have not received, nor do I expect to receive directly or indirectly any interest in the property that belongs to **FALCONBRIDGE LIMITED.**

Signed in Val-d'Or, this April 26th, 1996.

Pierre Boileau, P. Eng
Consulting Geophysicist

CERTIFICATE

THIS IS TO CERTIFY THAT:

I have resided at 603 du Portage, Val d'Or, Province of Québec since 1989.

I am a qualified Geologist, having received my academic training at the University of Ottawa in Ottawa, Ontario (B.Sc.H. 1982) and Université Laval in Ste-Foy, Québec with an M.Sc. degree (1985).

I am a member of the Association Professionnelle des Géologues et Géophysiciens du Québec (APGGQ), the Prospectors Association of Québec (APQ) and the Geological Society of America.

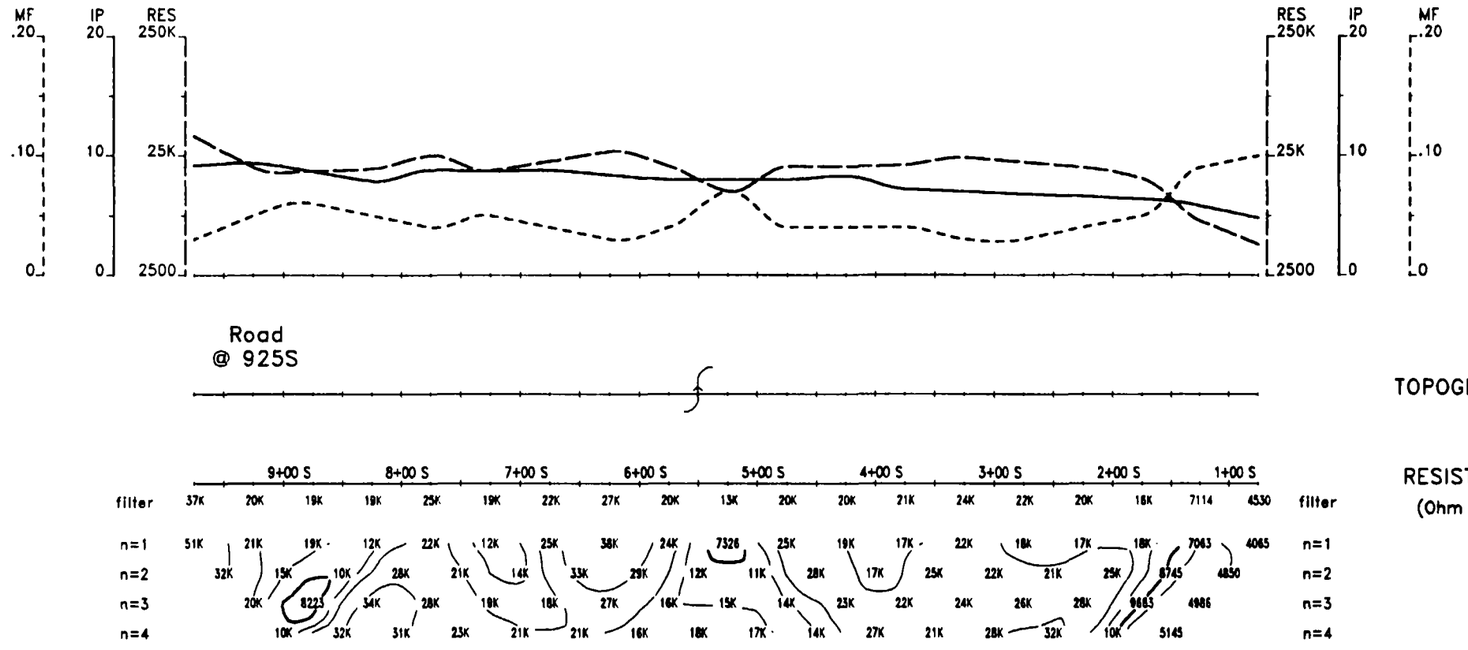
I have been engaged in my profession for the last 10 years.

I have not received or expect to receive an interest, direct or indirect, in the property of **FALCONBRIDGE LIMITED**, nor beneficially own, directly or indirectly, any securities of that company. I am not an insider or a company having an interest in the subject property nor any other property in the immediate area.

Signed in Val-d'Or, this April 26th, 1996.

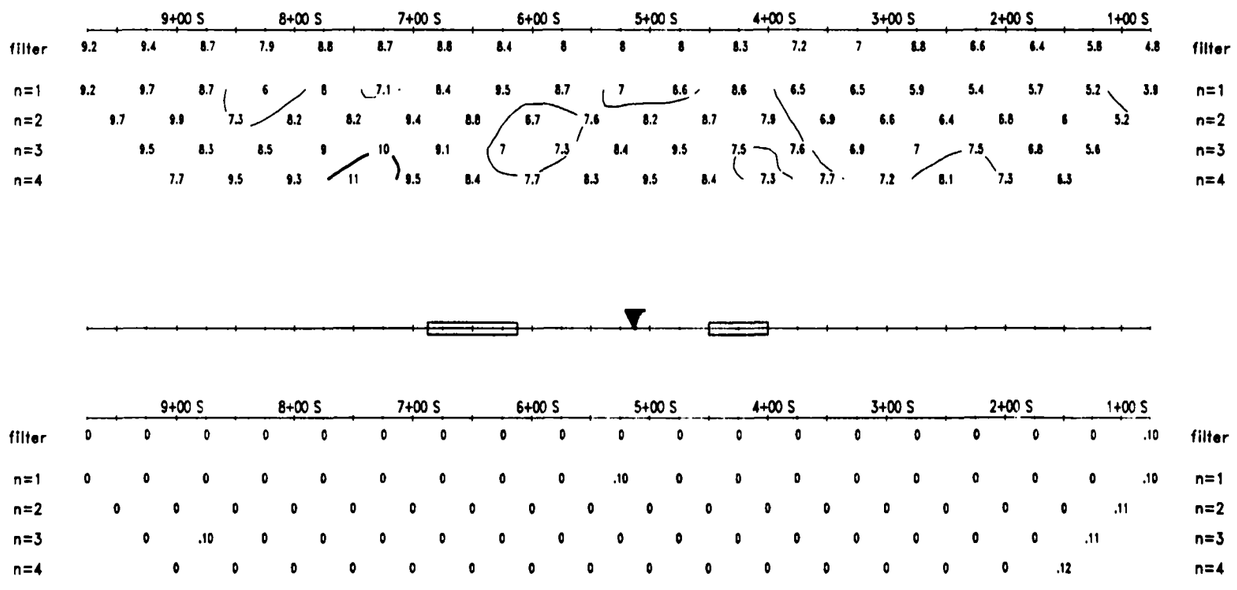
Daniel Lapointe M.Sc.
Geologist

GEOLOGUE APGGQ DANIEL LAPOINTE No 605 QUÉBEC



TOPOGRAPHY

RESISTIVITY
(Ohm * m)



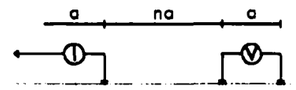
CHARGEABILITY
(mV/V)

INTERPRETATION

METAL FACTOR
(ip/res * 100)

Line 4200 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4
plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Mario Blain

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

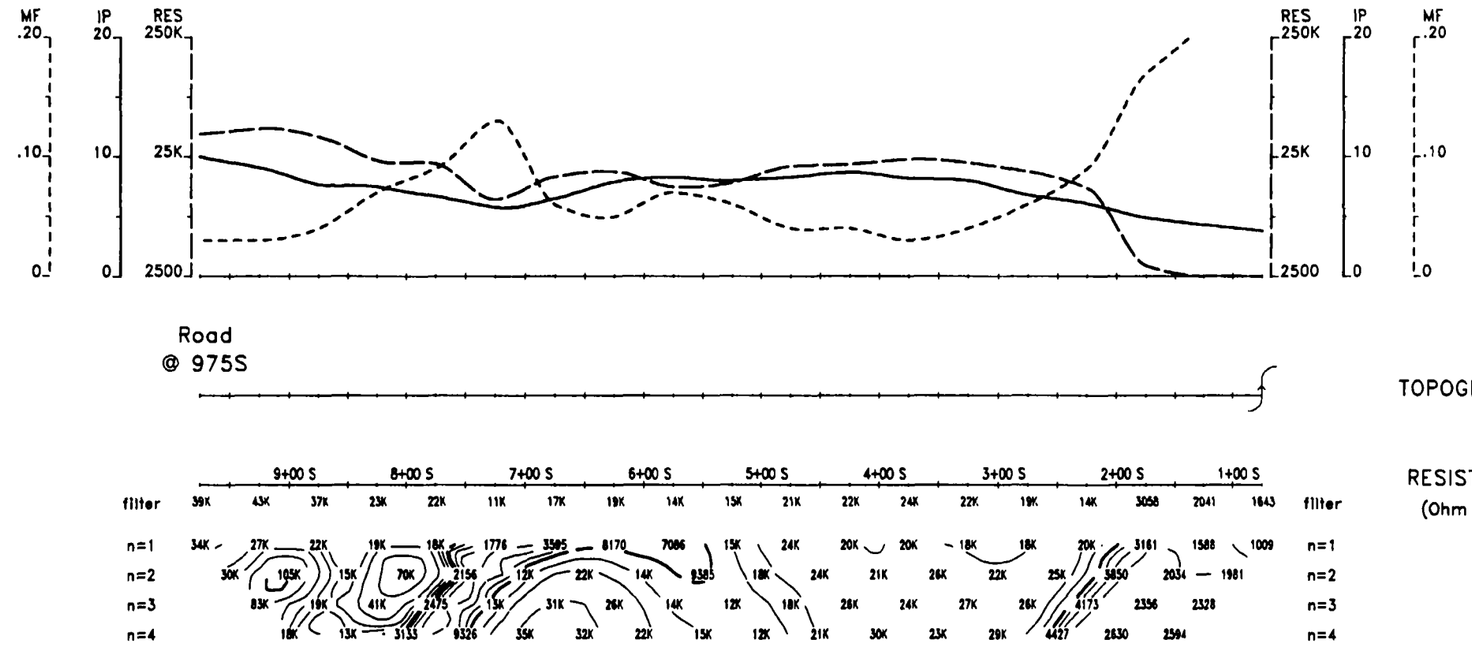
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner - Footwall Project
Wisner Township

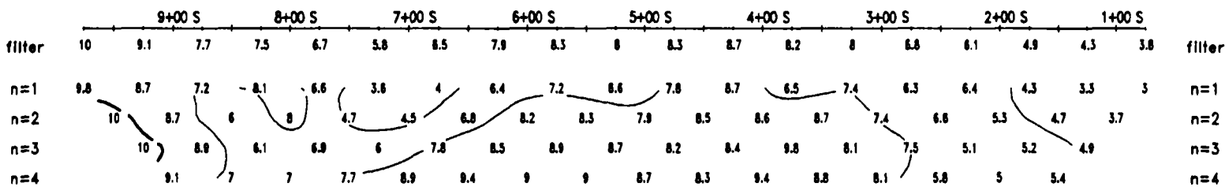
Date: 96/04/11
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.

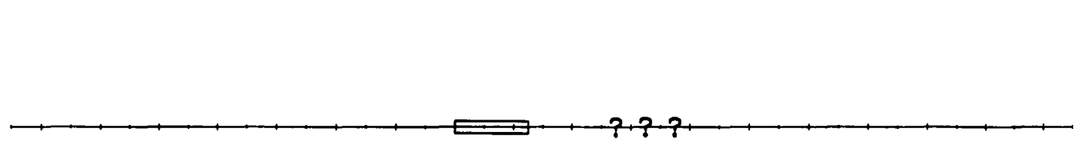


TOPOGRAPHY

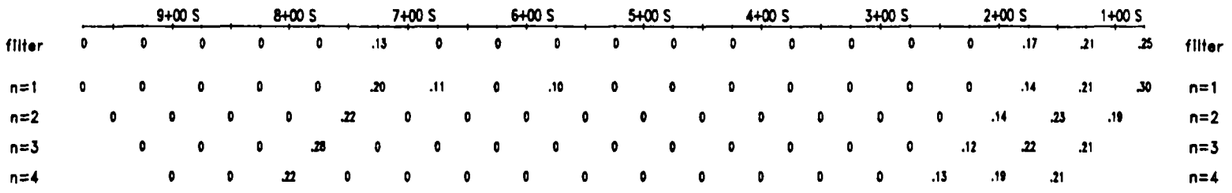
RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)



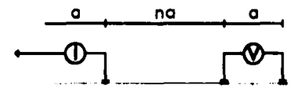
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 4100 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Mario Blain

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

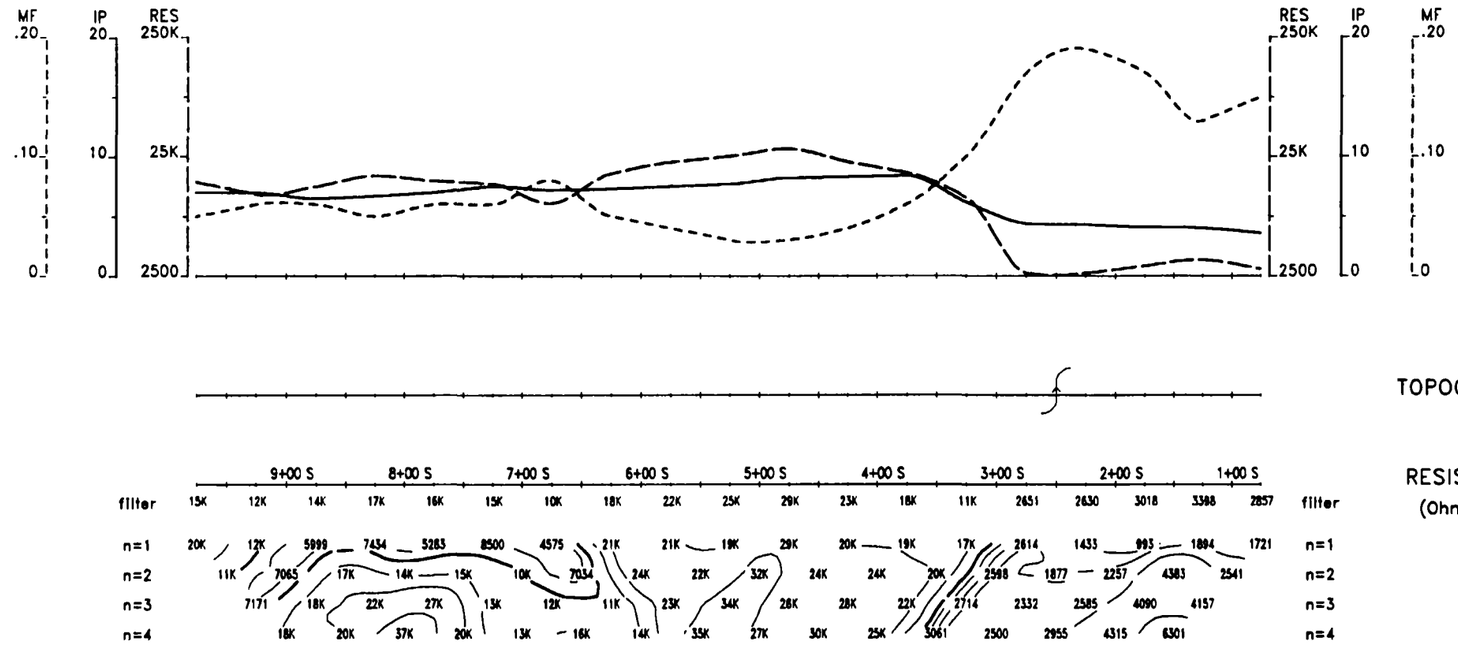
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

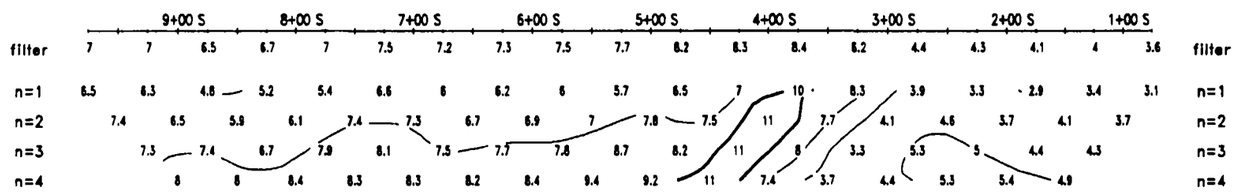
Date: 96/04/11
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



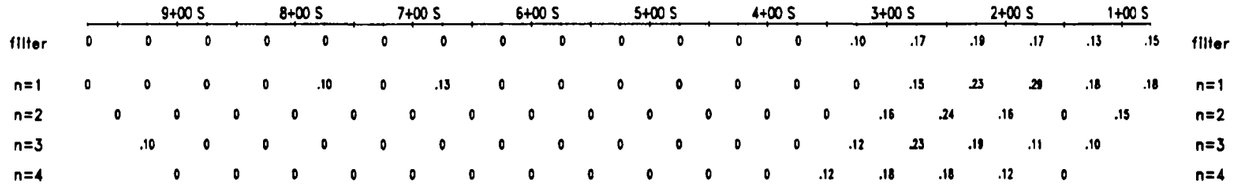
TOPOGRAPHY

RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

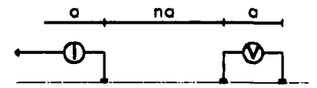
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 4000 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

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Operator: Mario Blain

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FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

Date: 96/04/10
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

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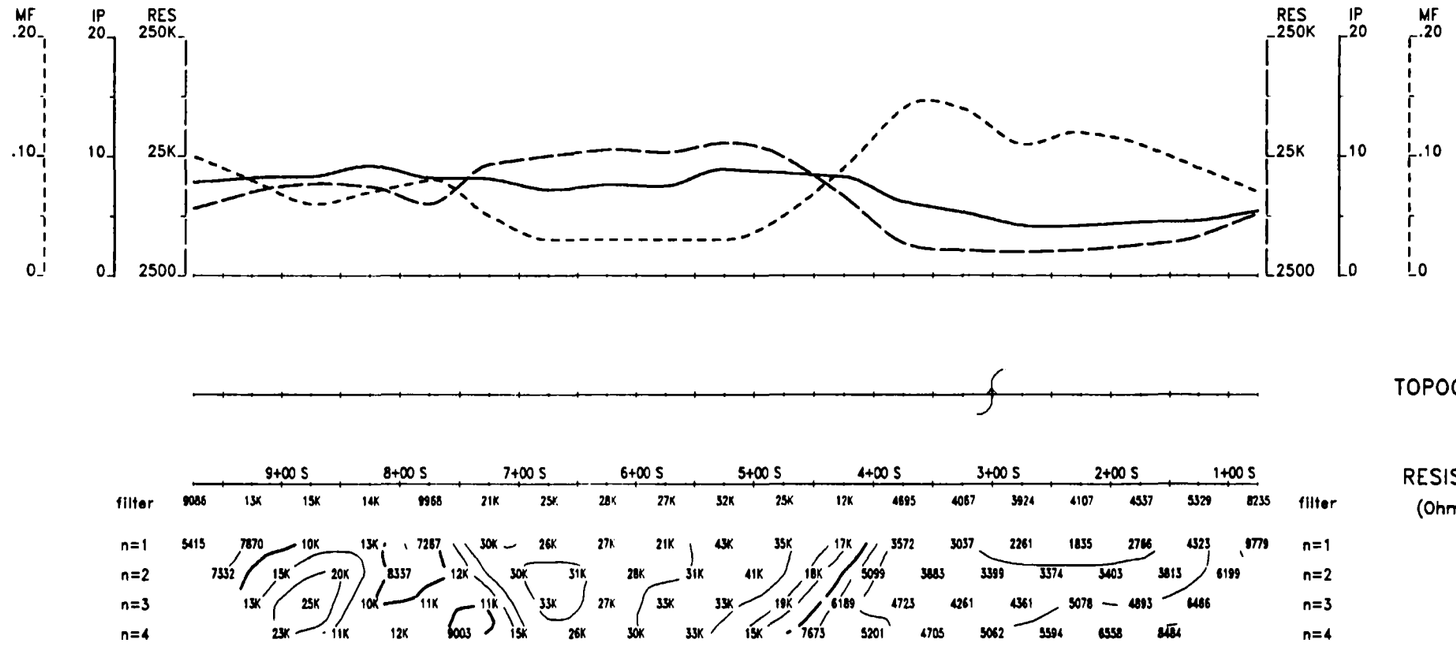
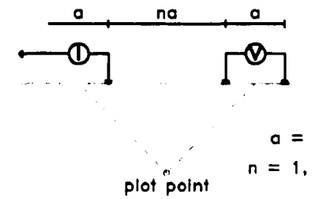


Line 3900 W

Pole-Dipole Array



Filtered Profiles

Resistivity
Polarization
Metal Factor

Filter

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

Instrument: PHOENIX IPT1,BRGM IP-6
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Operator: Mario Blain

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Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

Date: 96/04/10
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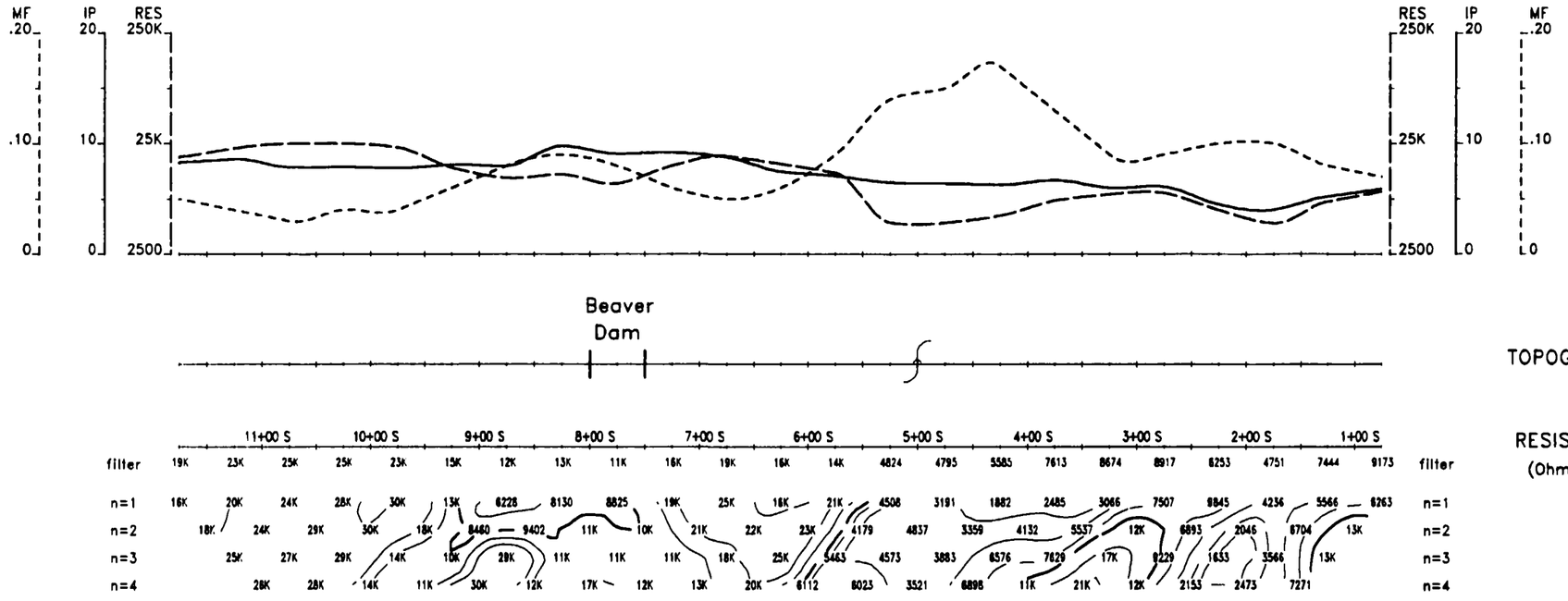
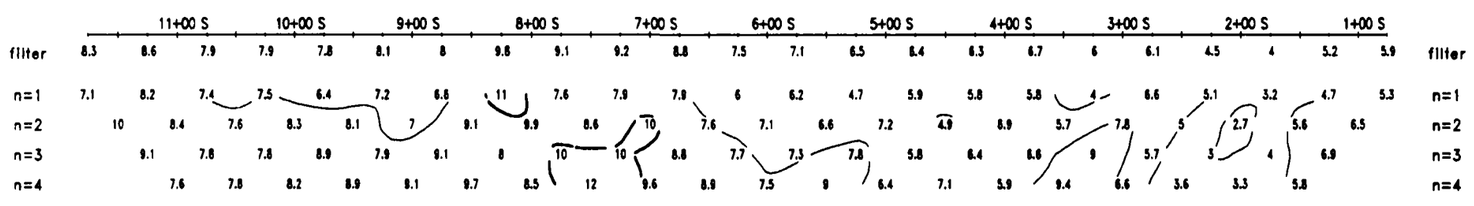
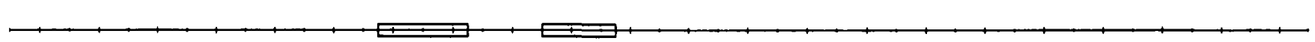


TOPOGRAPHY

RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)



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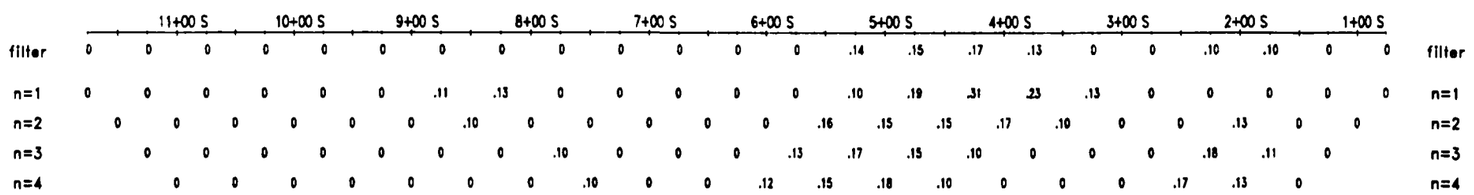
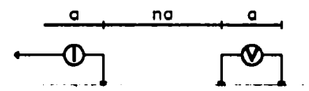


METAL FACTOR
(ip/res * 100)

Line 3800 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Mario Blain

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Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

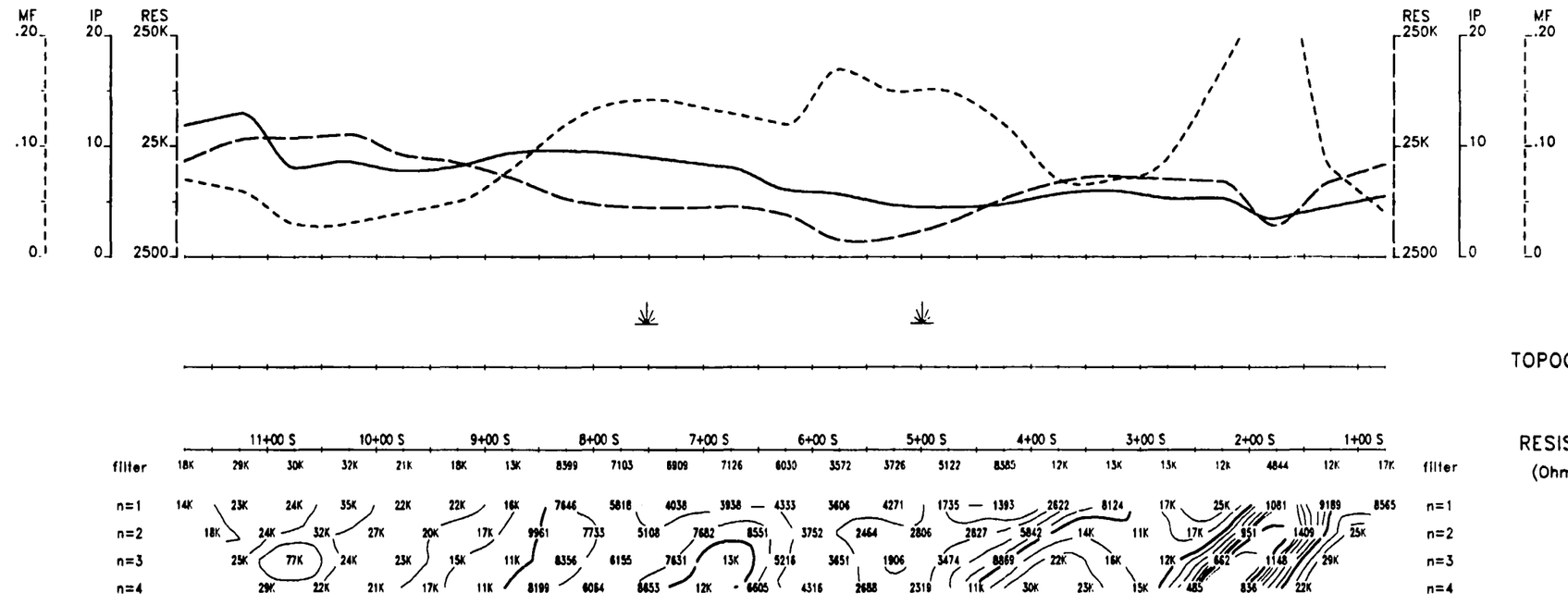
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

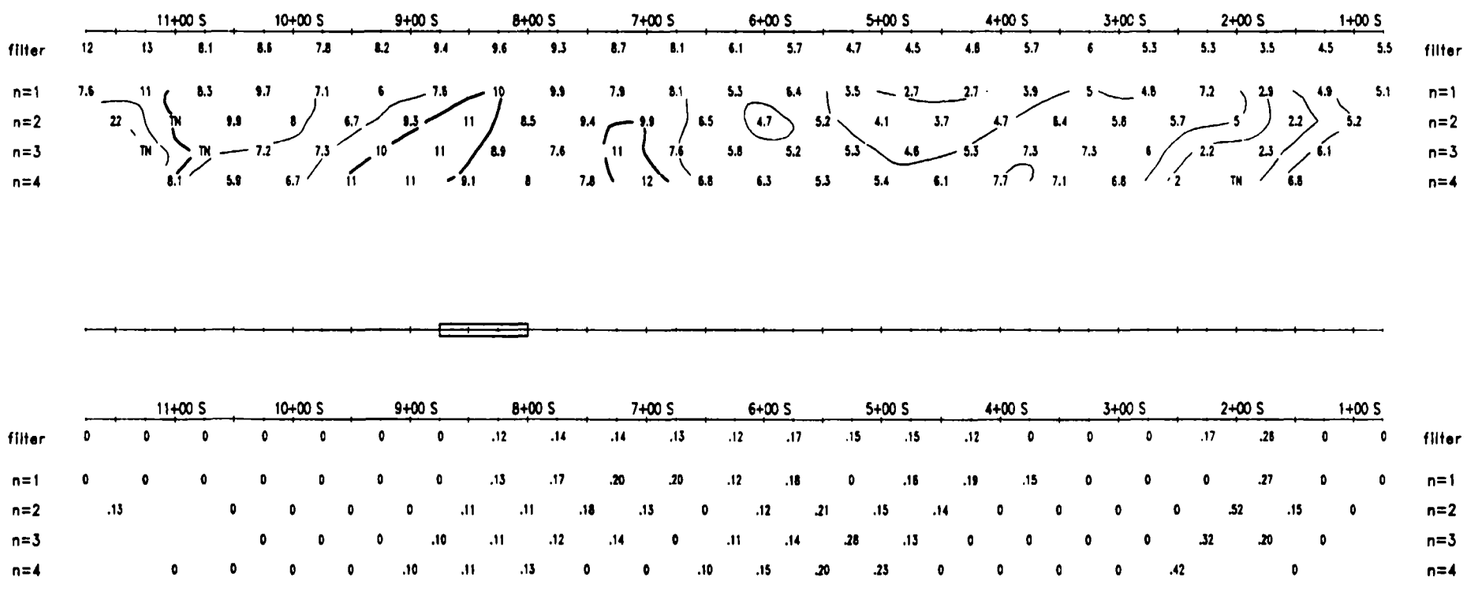
Date: 96/04/11
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



TOPOGRAPHY

RESISTIVITY
(Ohm * m)



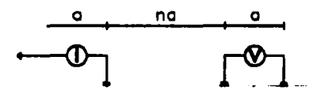
CHARGEABILITY
(mV/V)

INTERPRETATION

METAL FACTOR
(ip/res * 100)

Line 3700 W

Pole-Dipole Array



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n = 1, 2, 3, 4

plot point

Filtered Profiles

Resistivity
Polarization
Metal Factor

Filter

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Mario Blain

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Induced Polarization Survey

FALCONBRIDGE LTD

Wisner - Footwall Project
Wisner Township

Date: 96/04/10
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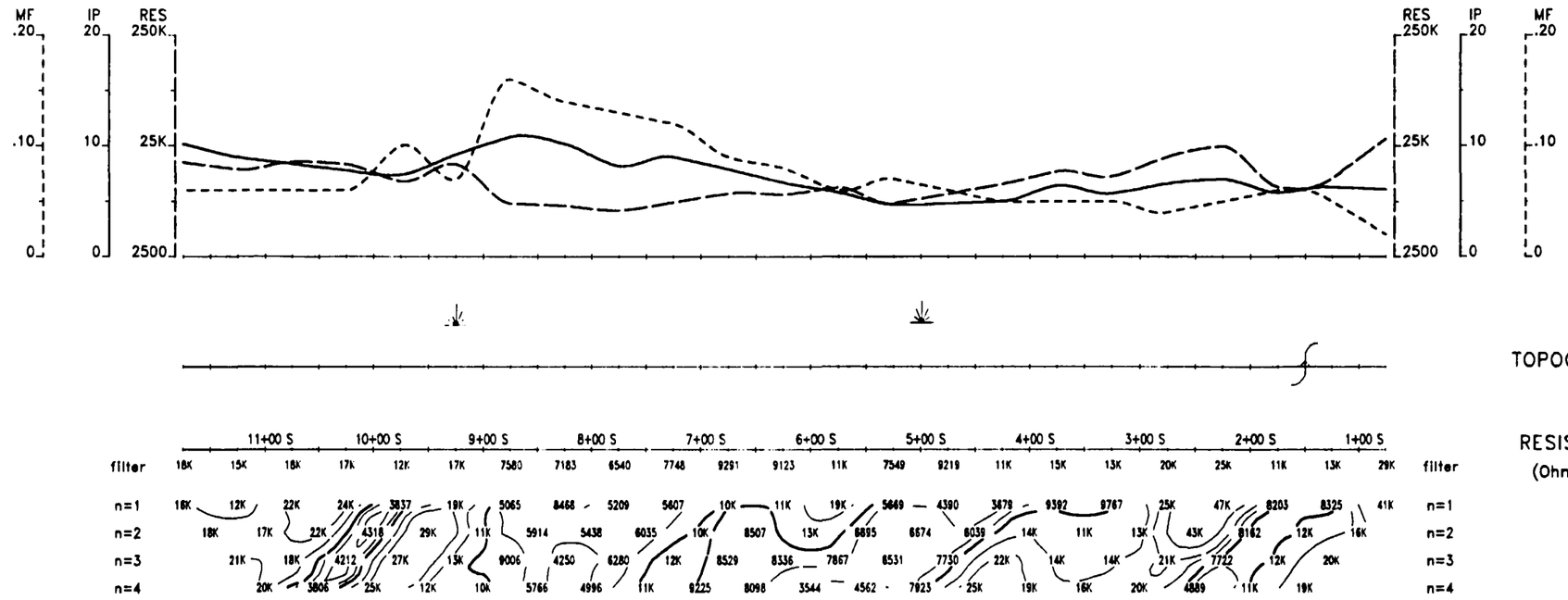
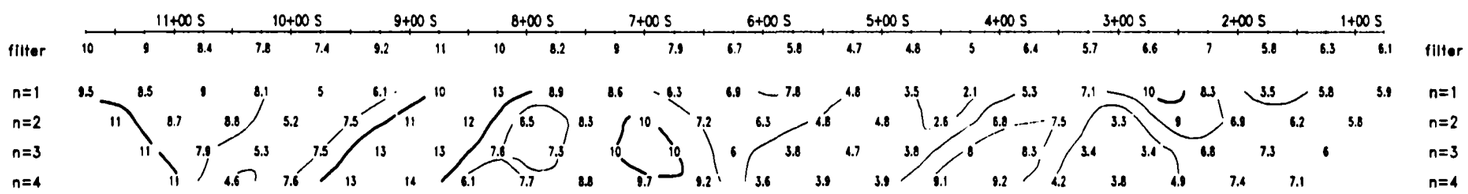
Scale 1 : 5000

VAL D'OR SAGAX INC.



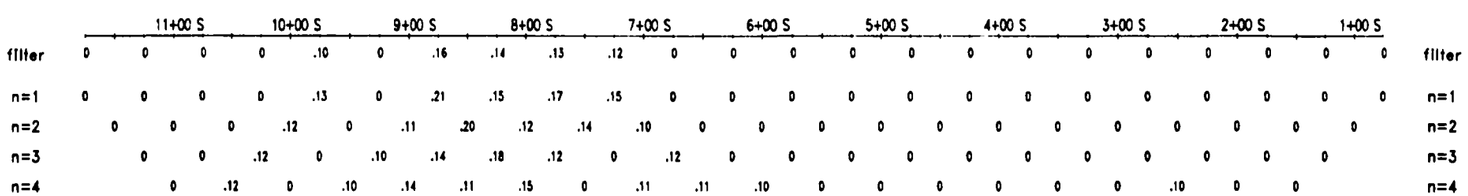
TOPOGRAPHY

RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

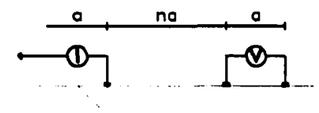
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 3600 W

Pole–Dipole Array



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plot point

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Resistivity
Polarization
Metal Factor

Filter

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Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

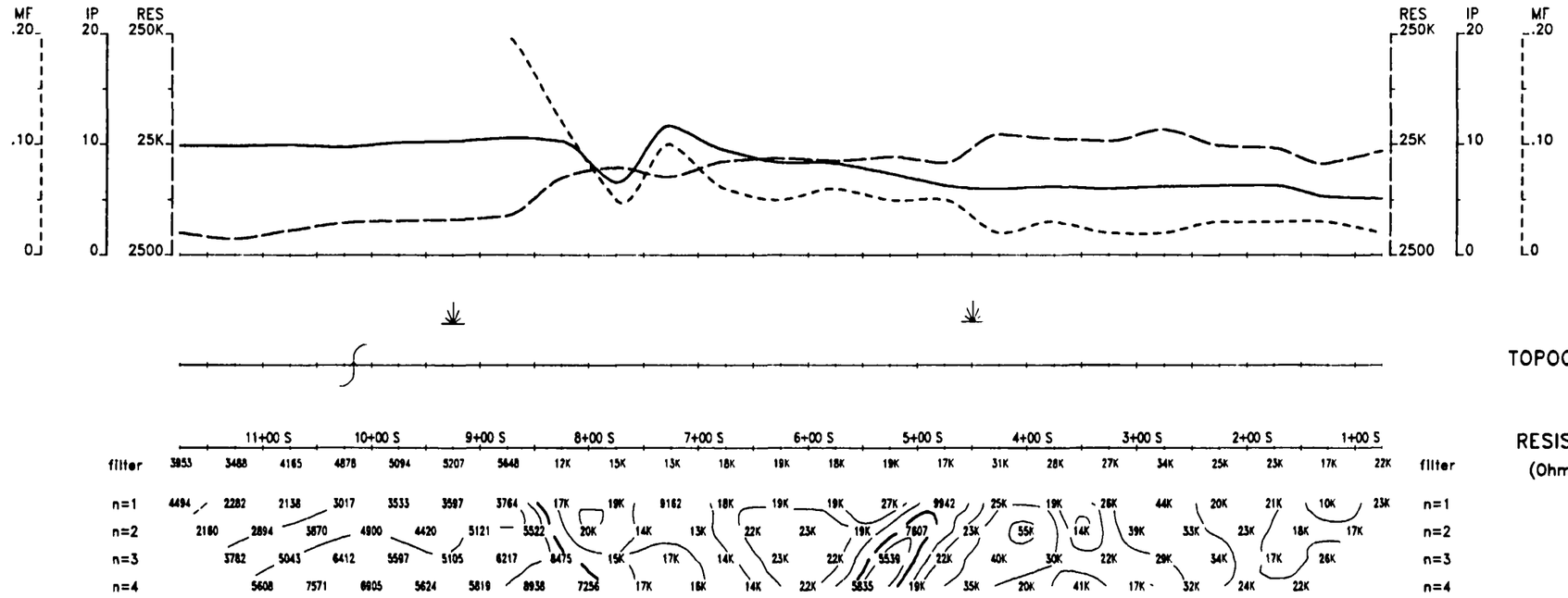
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

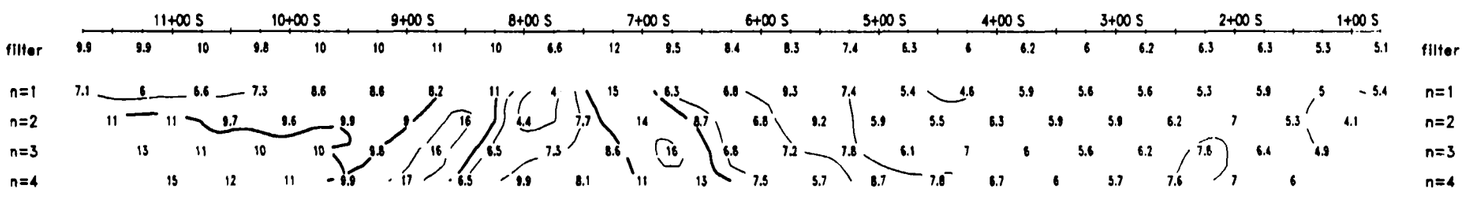
Date: 96/04/10
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.

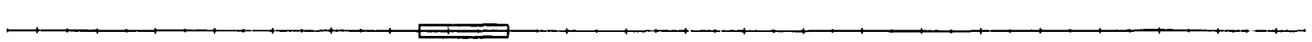


TOPOGRAPHY

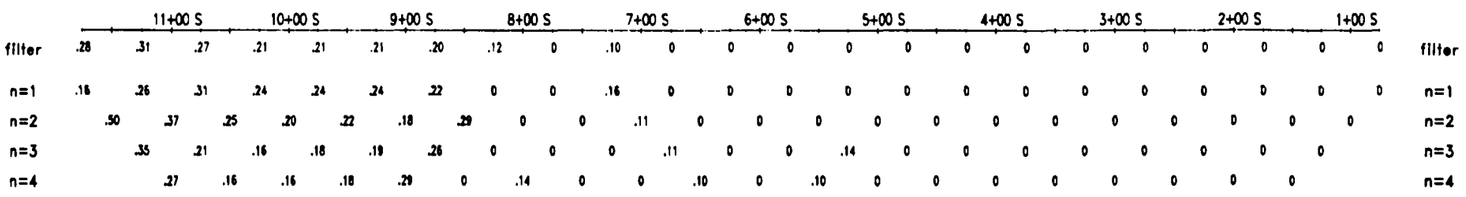
RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)



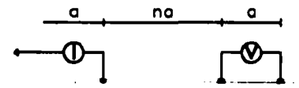
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 3500 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4
plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

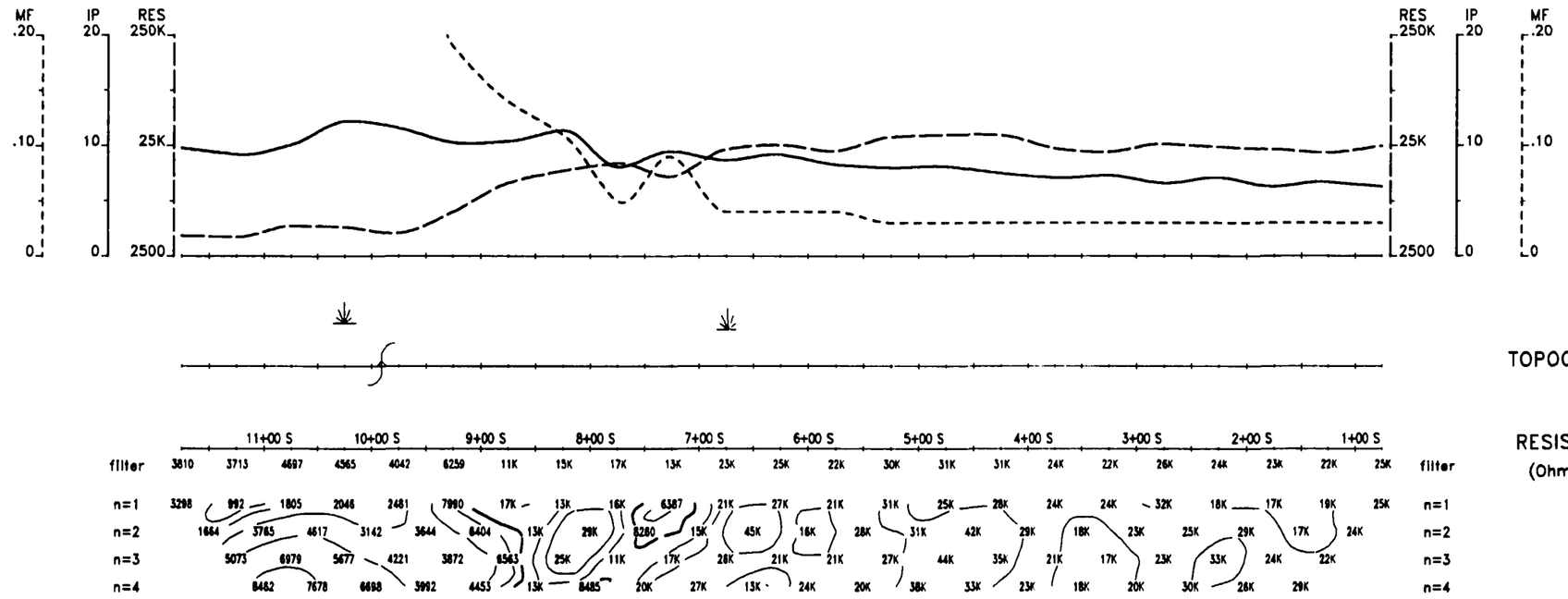
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

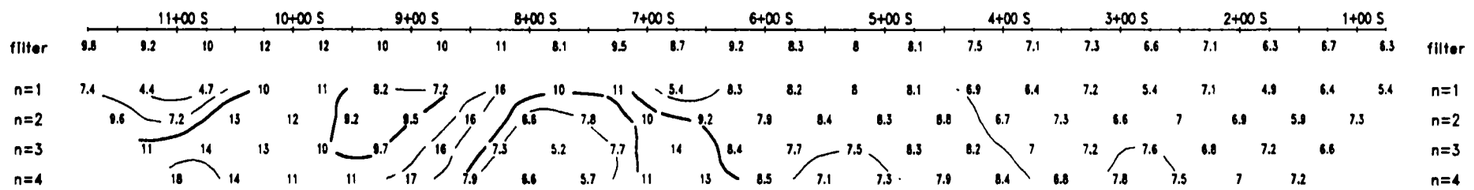
Date: 96/04/10
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.

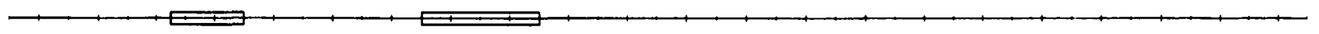


TOPOGRAPHY

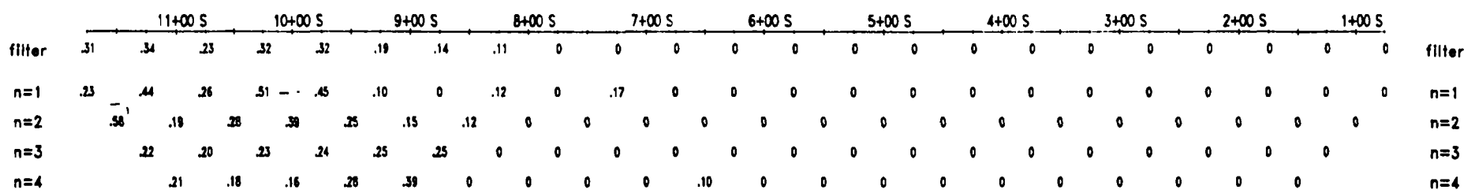
RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)



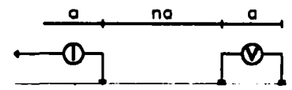
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 3400 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

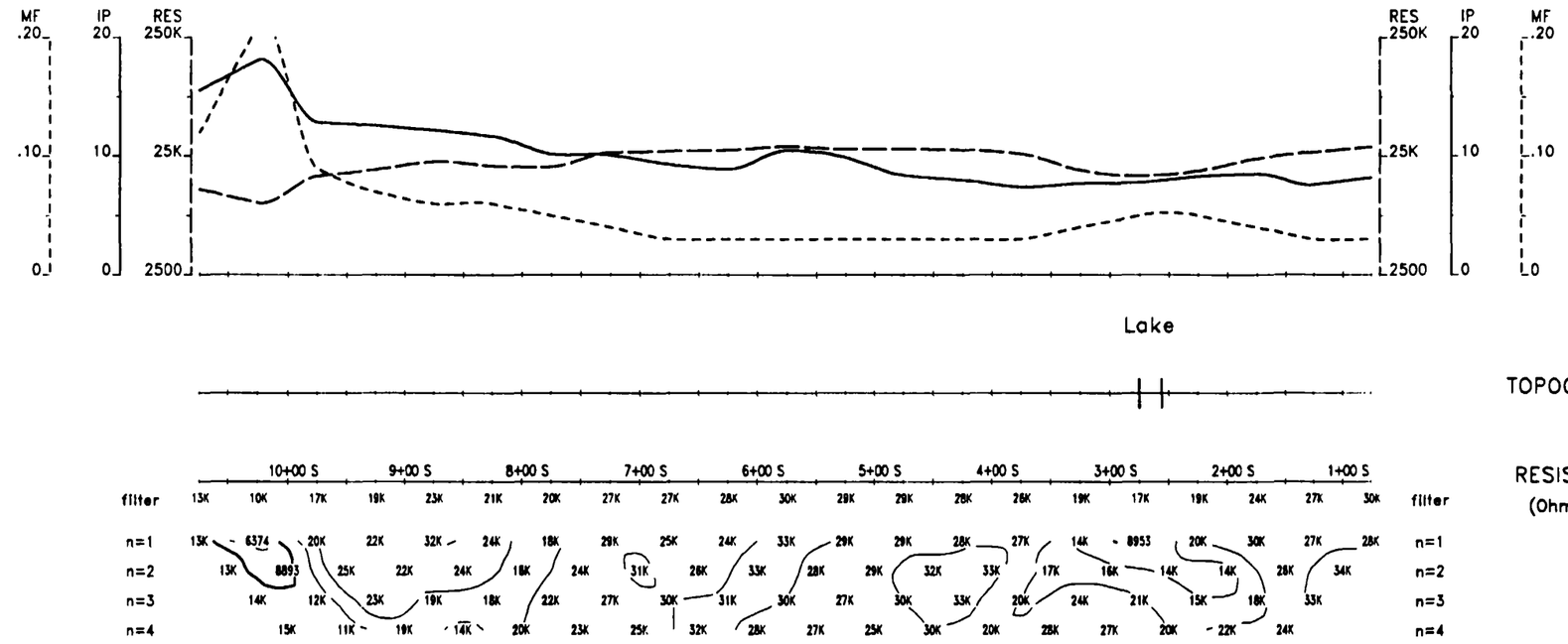
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

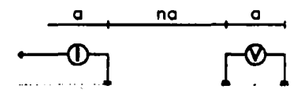
Date: 96/04/10
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



Line 3300 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

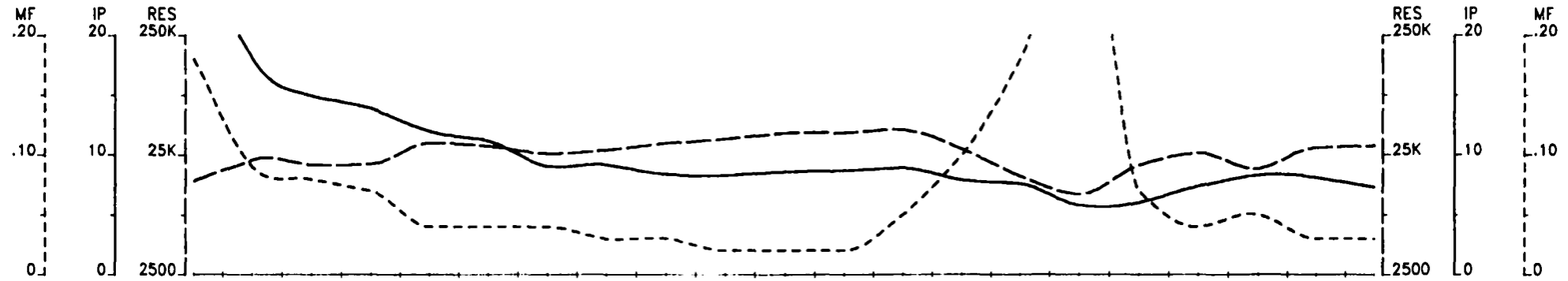
Induced Polarization Survey

FALCONBRIDGE LTD

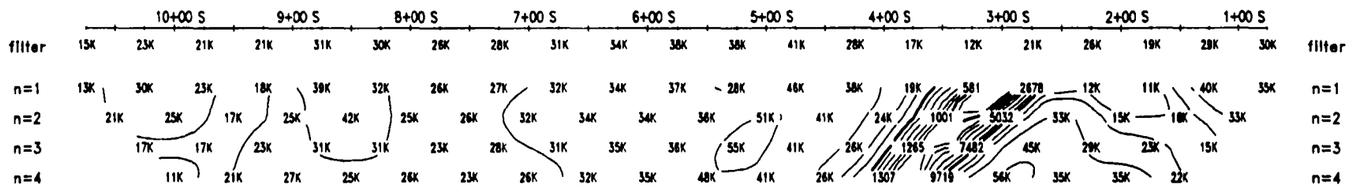
Wisner – Footwall Project
Wisner Township

Date: 96/04/11
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

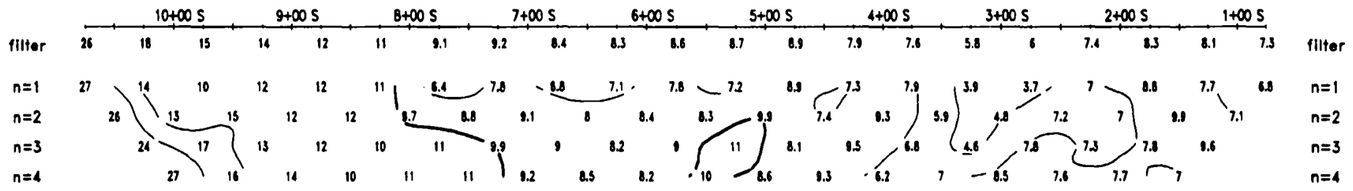
VAL D'OR SAGAX INC.



TOPOGRAPHY

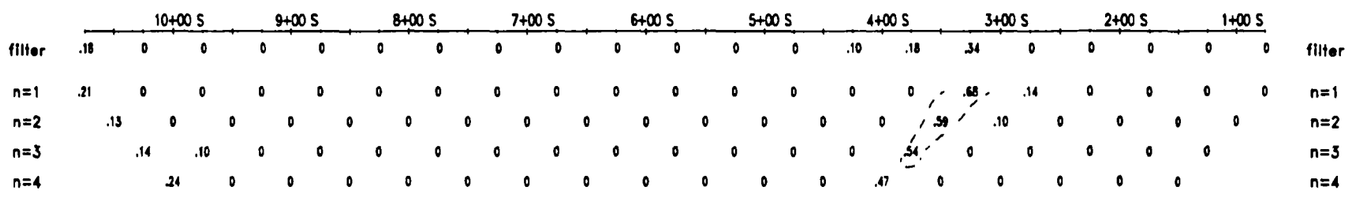


RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

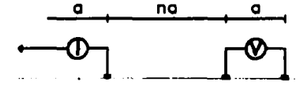
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 3200 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

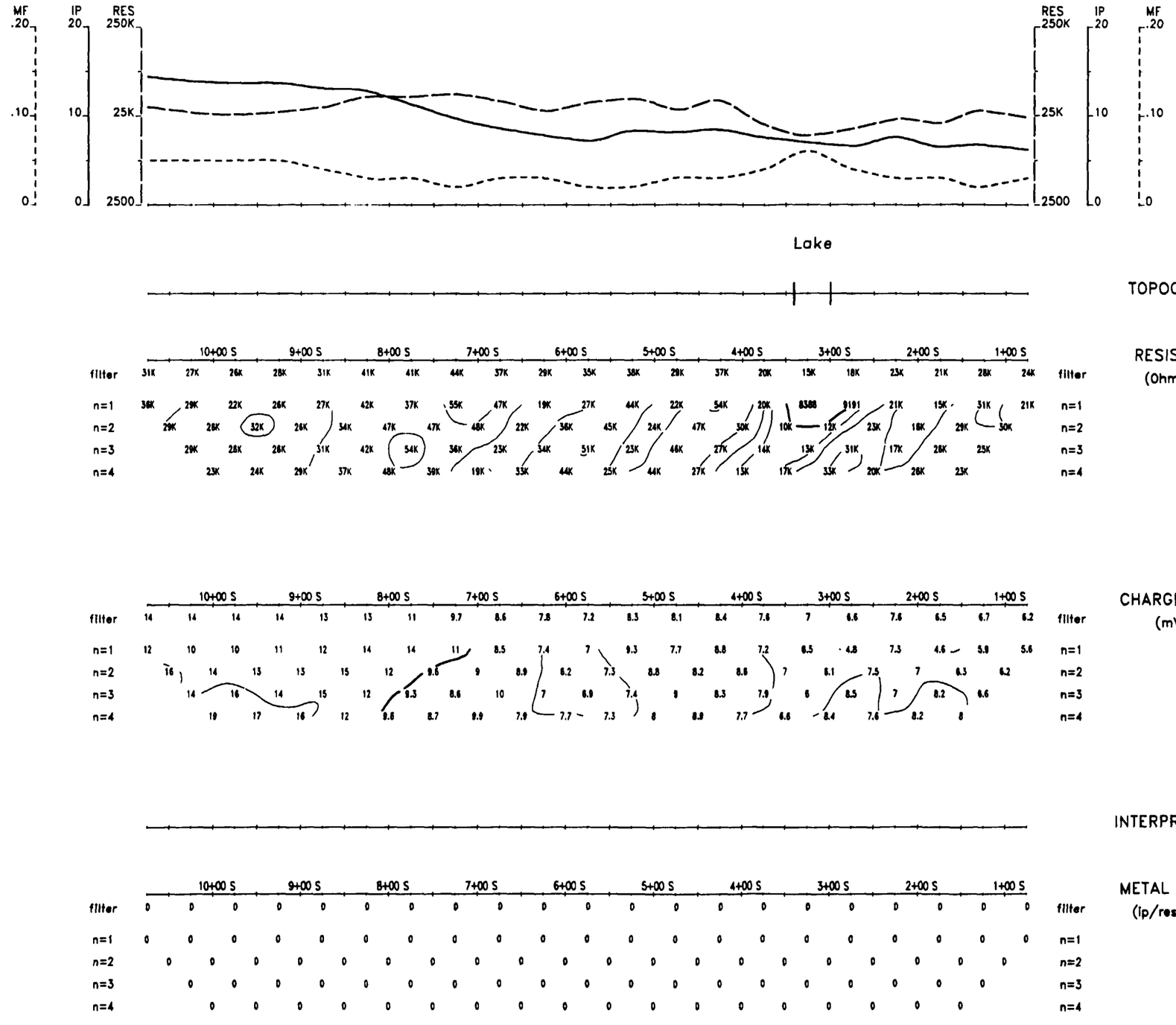
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

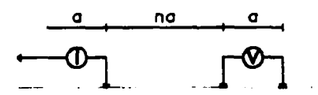
Date: 96/04/11
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



Line 3100 W

Pole-Dipole Array



a = 50 M

n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity

Polarization

Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

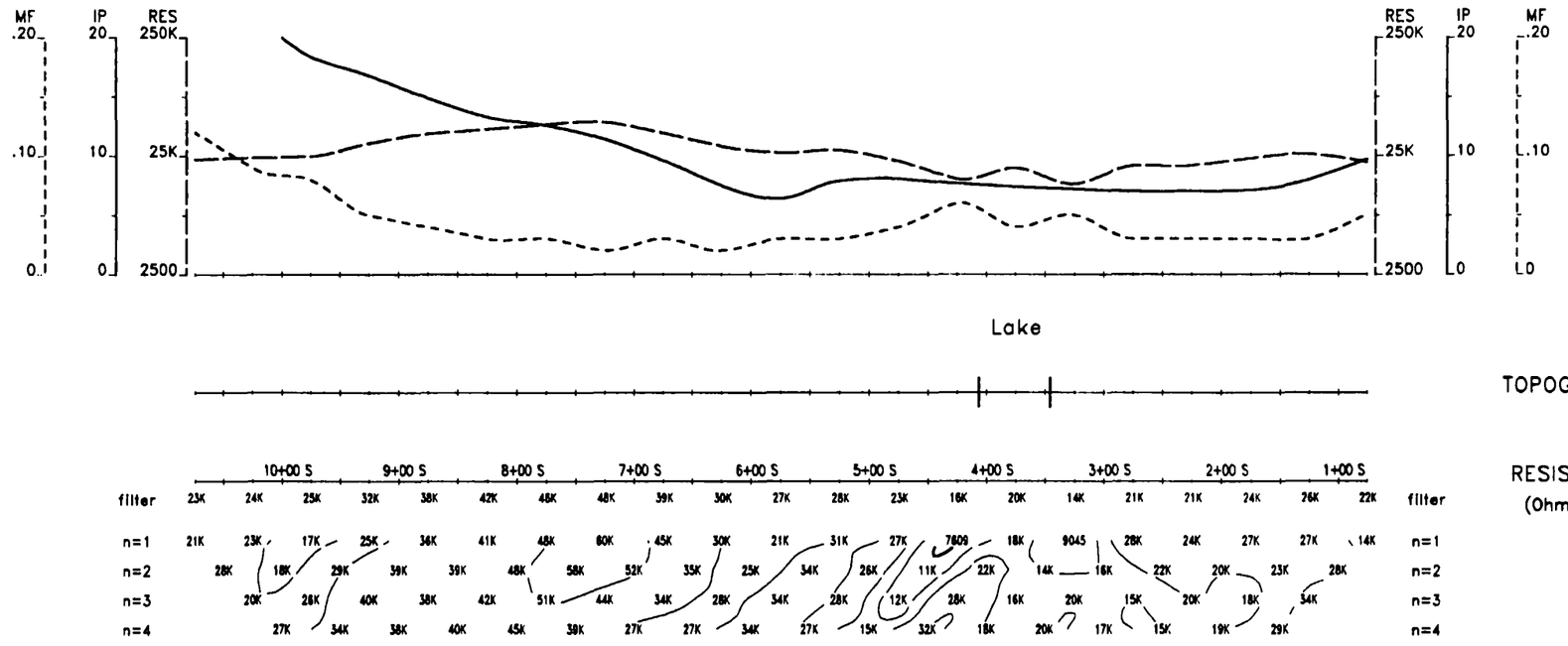
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner - Footwall Project
Wisner Township

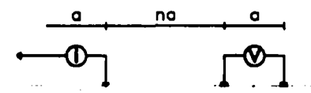
Date: 96/04/07
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



Line 3000 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4
plot point

Filtered Profiles

Resistivity
Polarization
Metal Factor

Filter

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

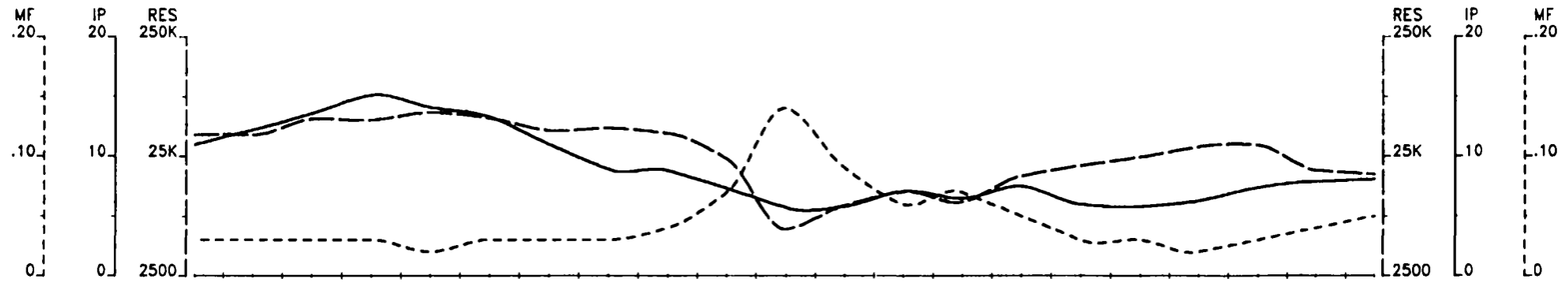
Induced Polarization Survey

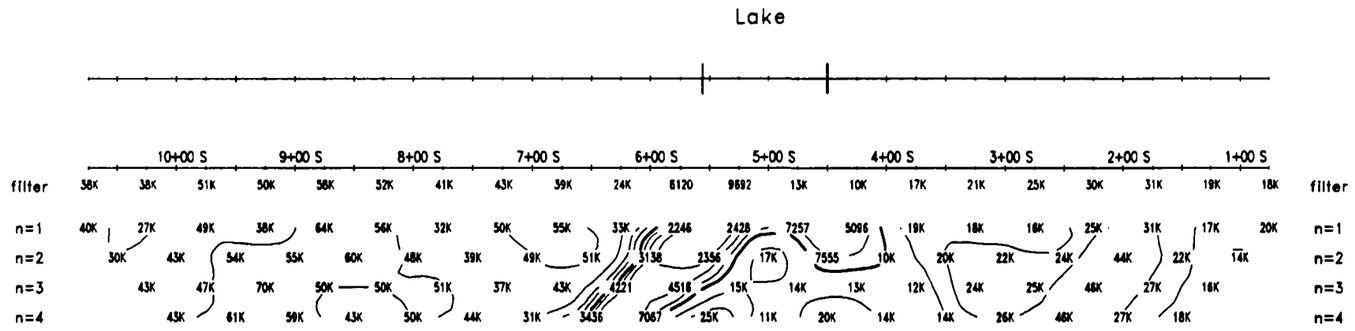
FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

Date: 96/04/10
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

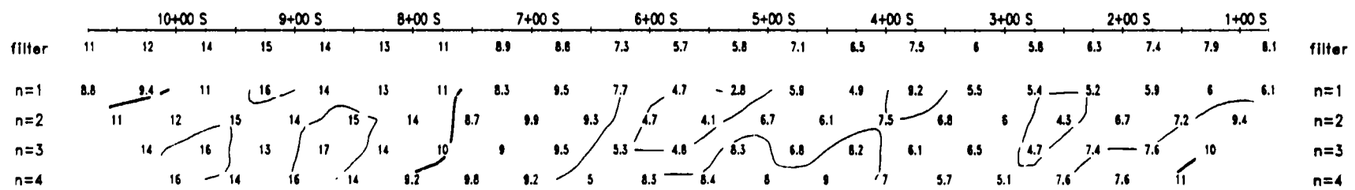
VAL D'OR SAGAX INC.





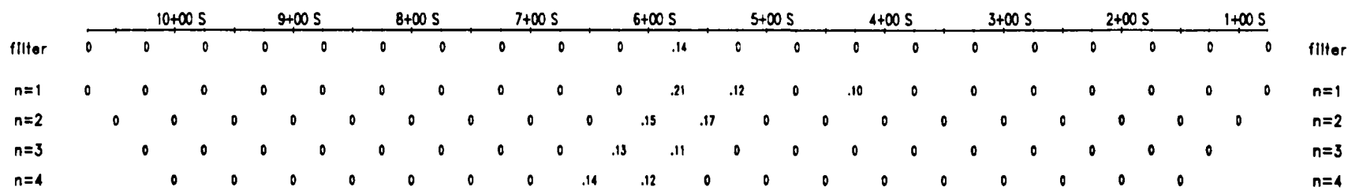
TOPOGRAPHY

RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

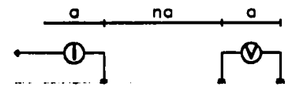
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 2900 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

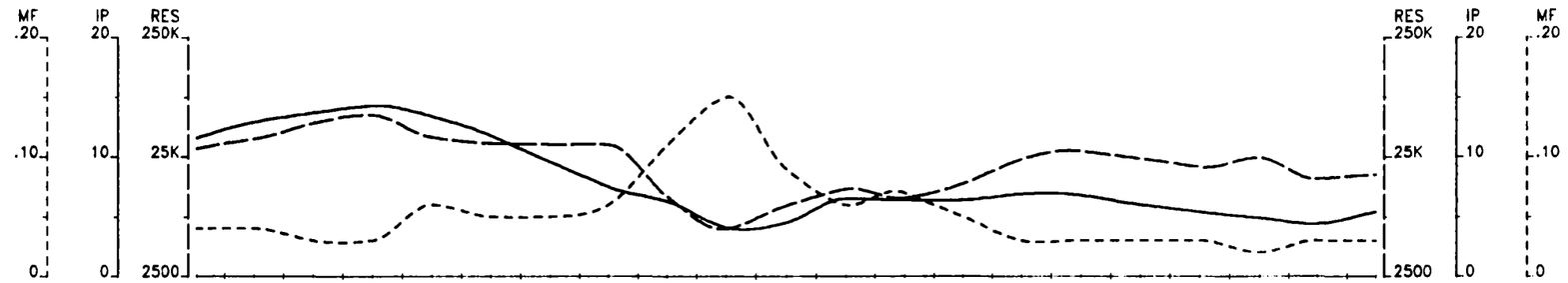
Induced Polarization Survey

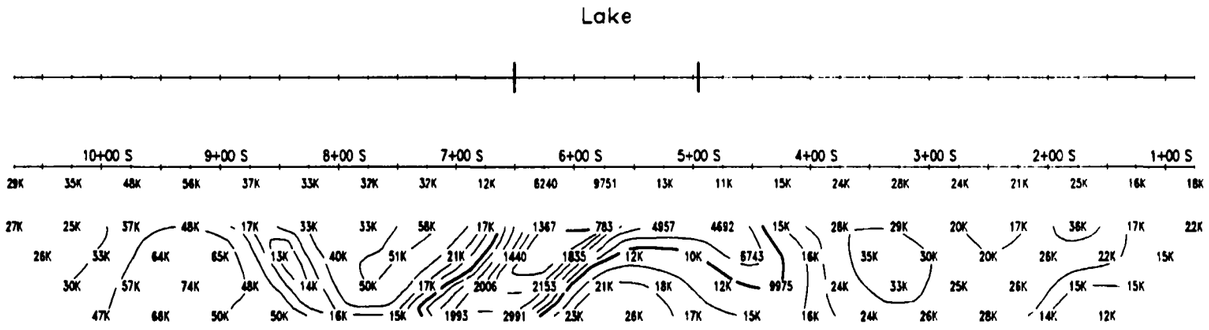
FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

Date: 96/04/10
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

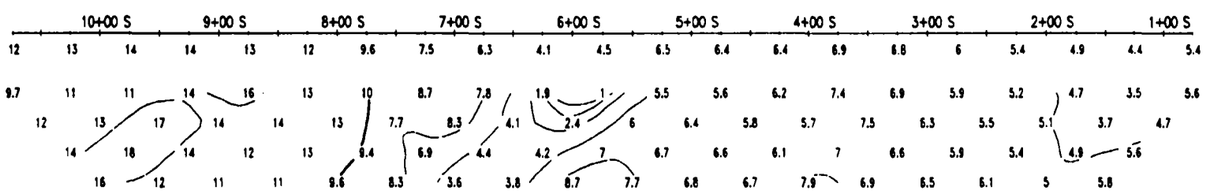
VAL D'OR SAGAX INC.





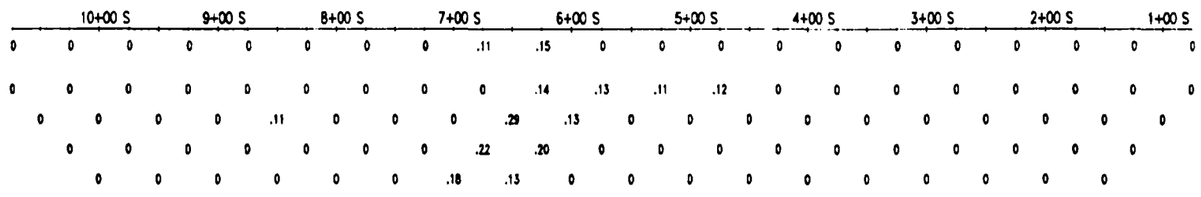
TOPOGRAPHY

RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

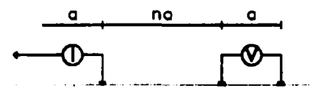
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 2800 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

▼ Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

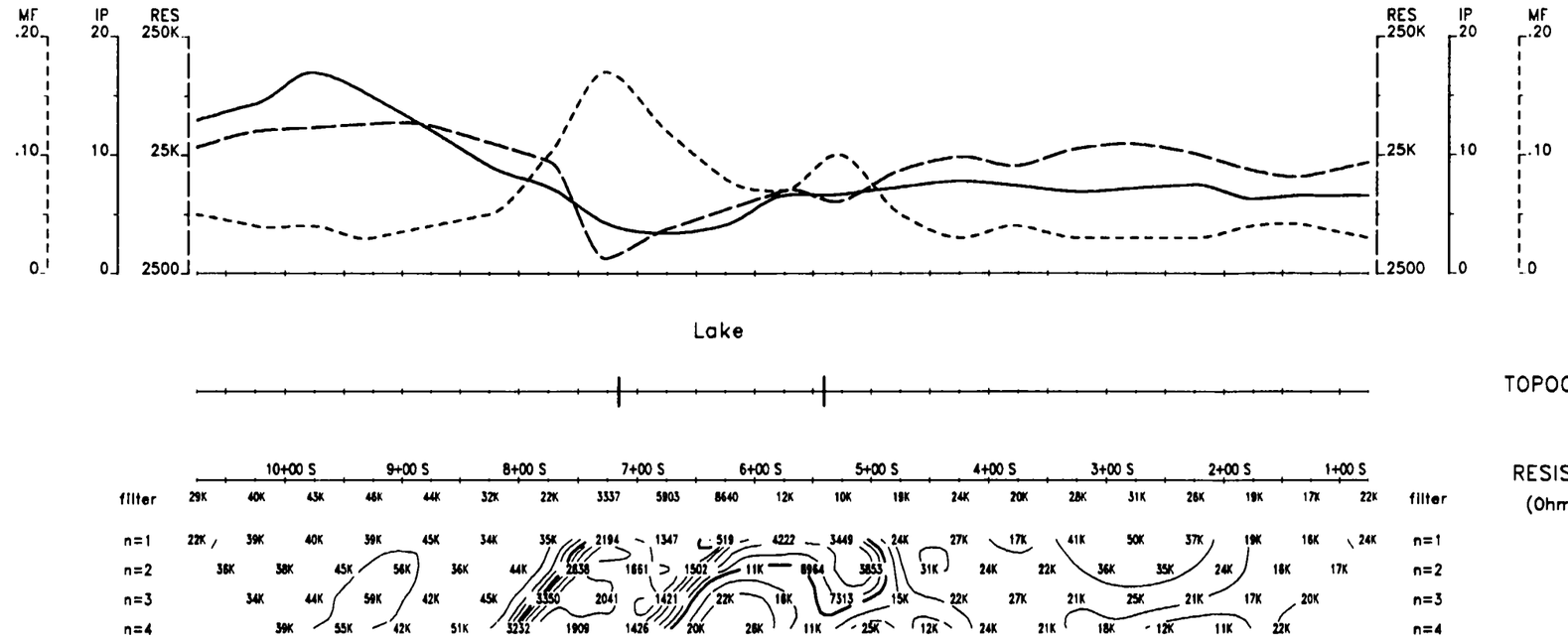
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

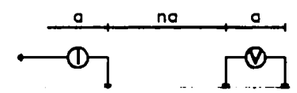
Date: 96/04/10
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



Line 2700 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

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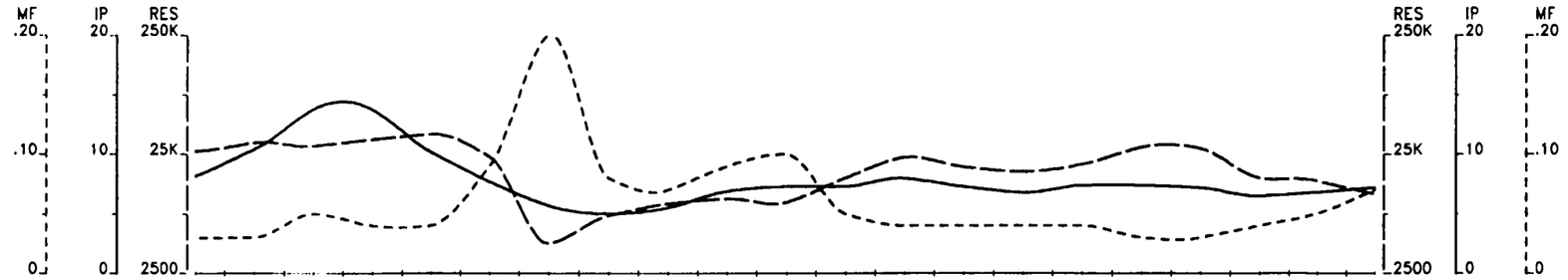
Induced Polarization Survey

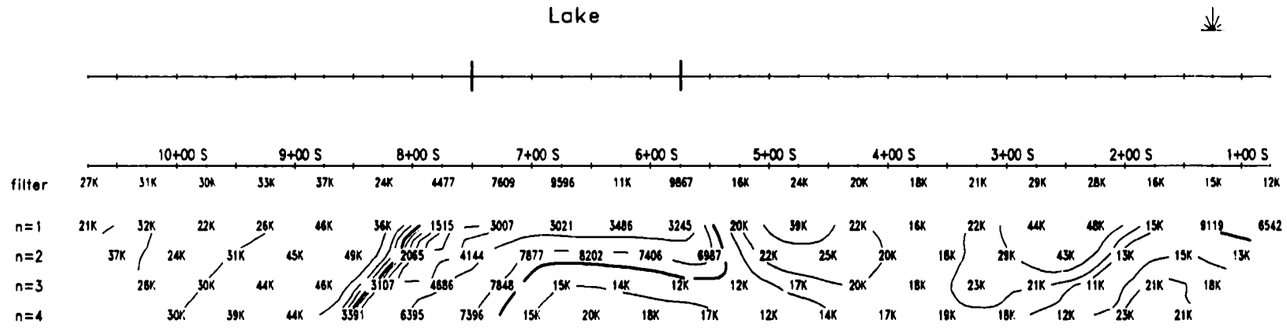
FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

Date: 96/04/10
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

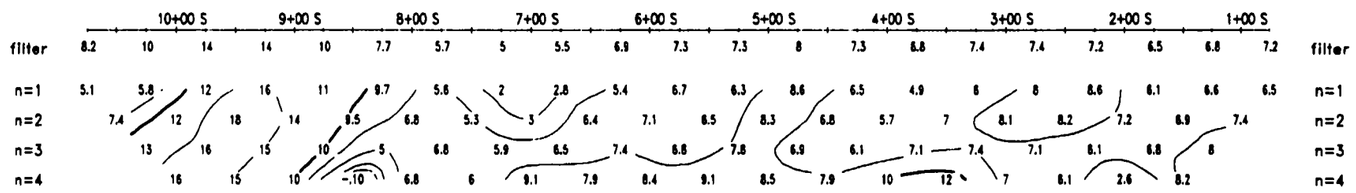
VAL D'OR SAGAX INC.



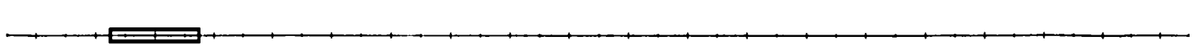


TOPOGRAPHY

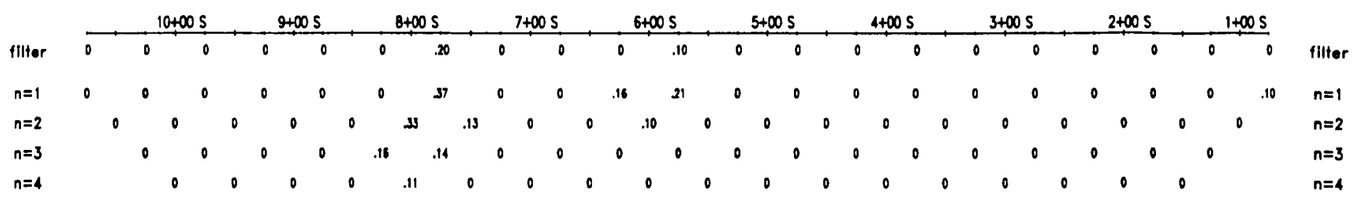
RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)



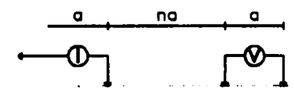
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 2600 W

Pole–Dipole Array

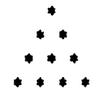


a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter



Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

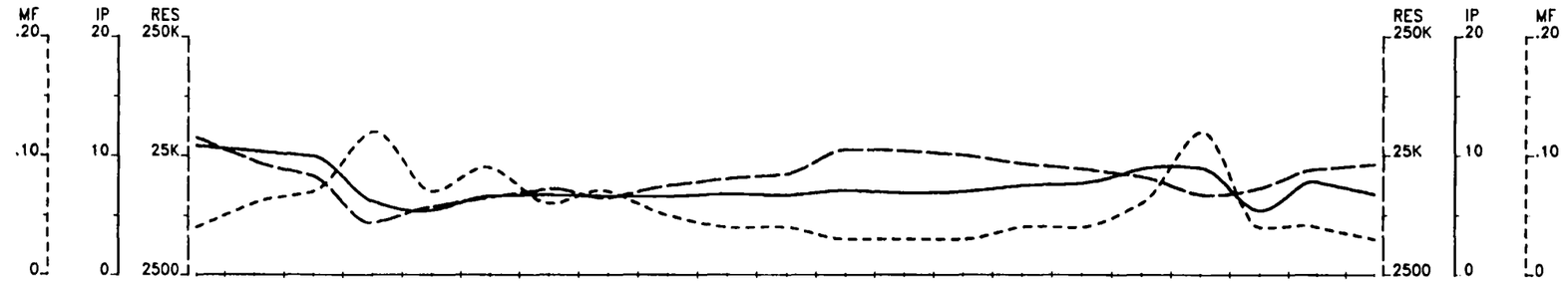
Induced Polarization Survey

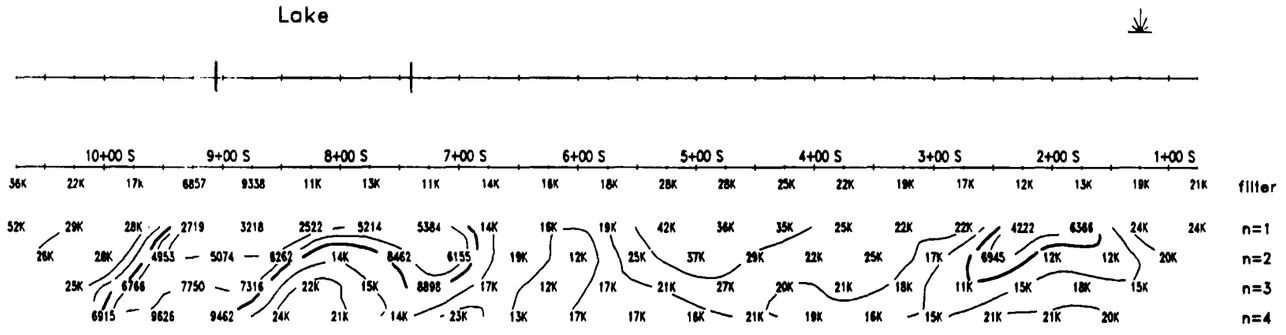
FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

Date: 96/04/10
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

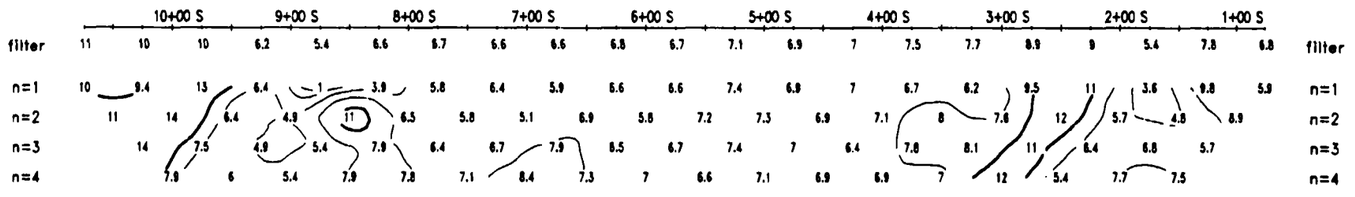
VAL D'OR SAGAX INC.





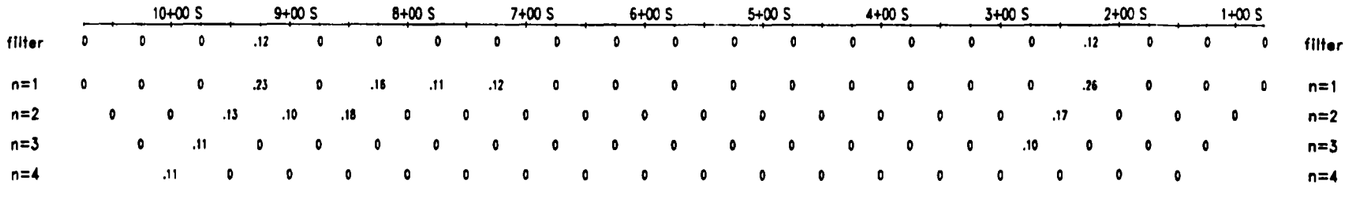
TOPOGRAPHY

RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

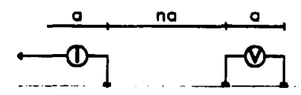
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 2500 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4
plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

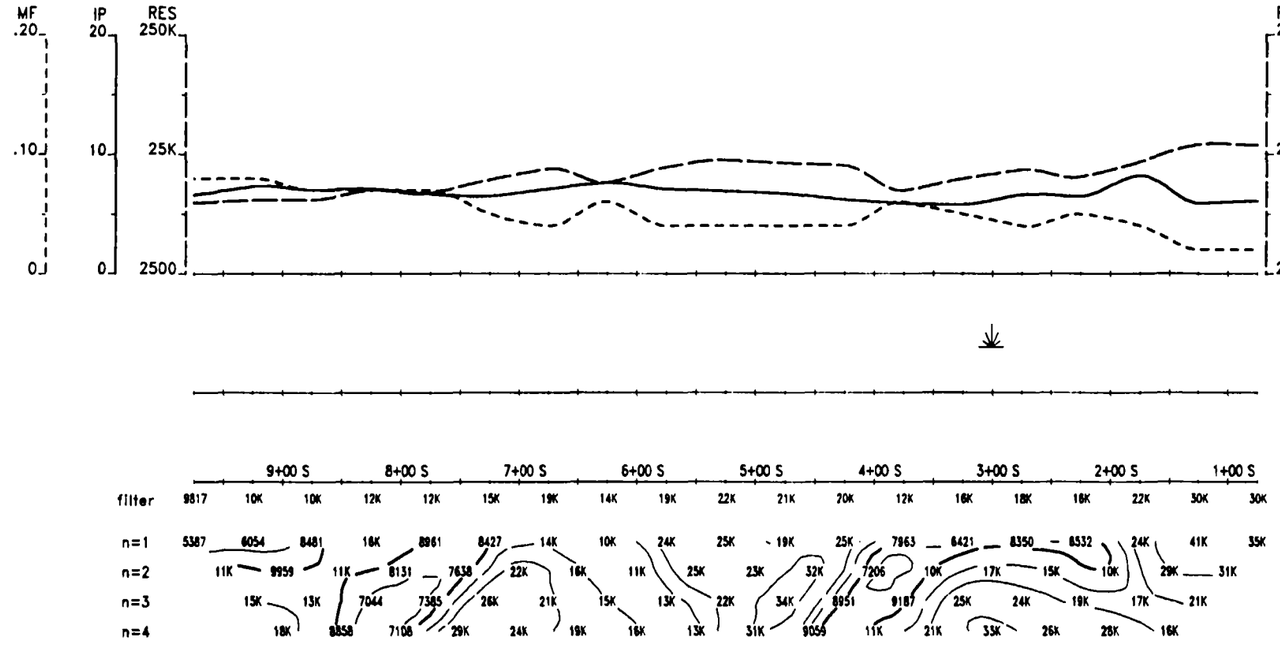
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

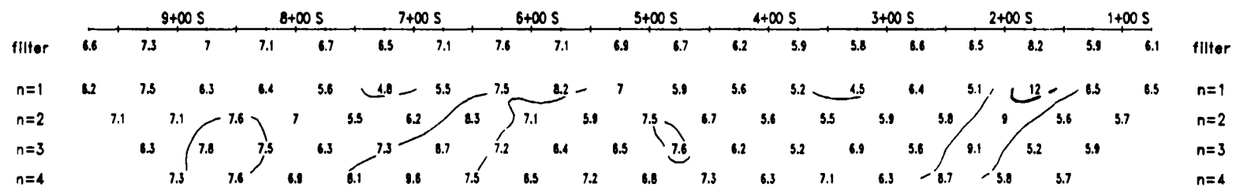
Date: 96/04/10
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



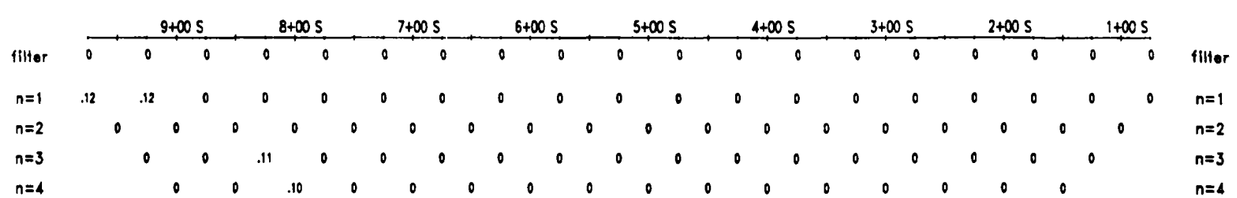
TOPOGRAPHY

RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

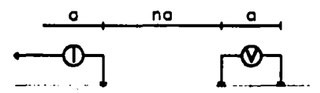
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 2400 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

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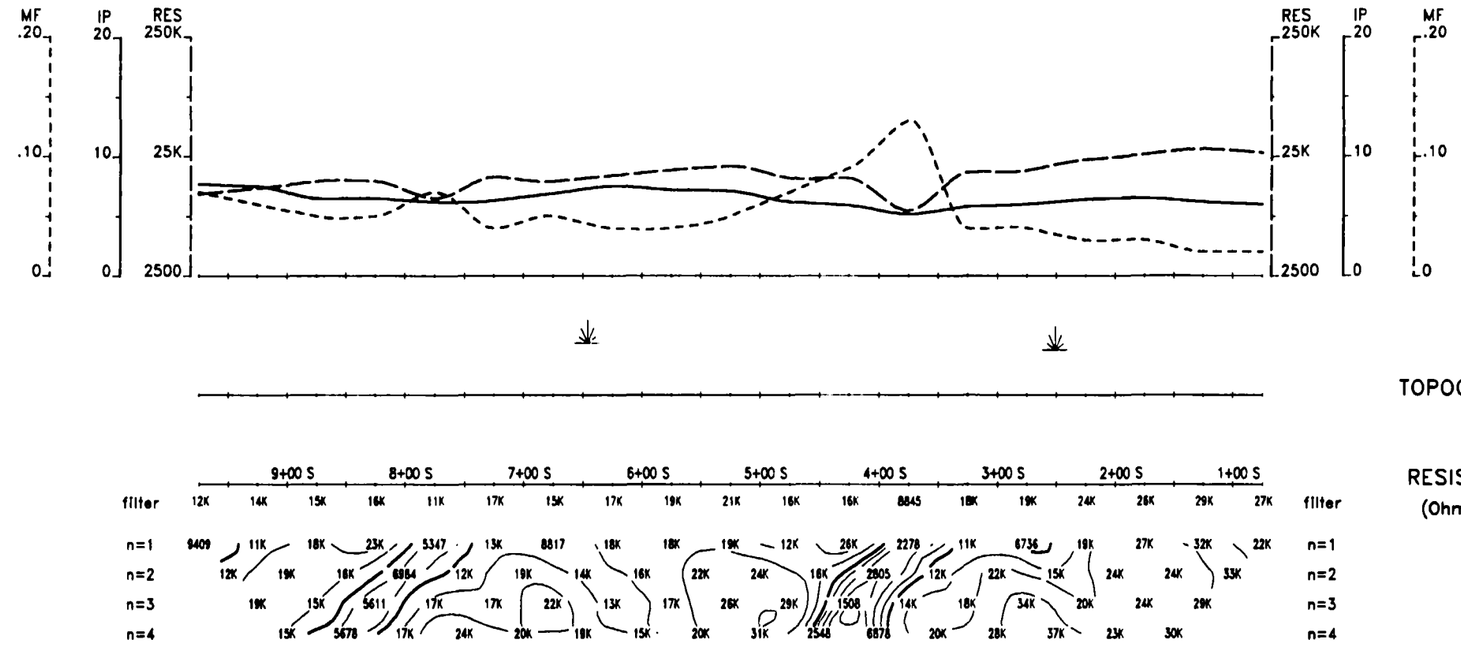
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

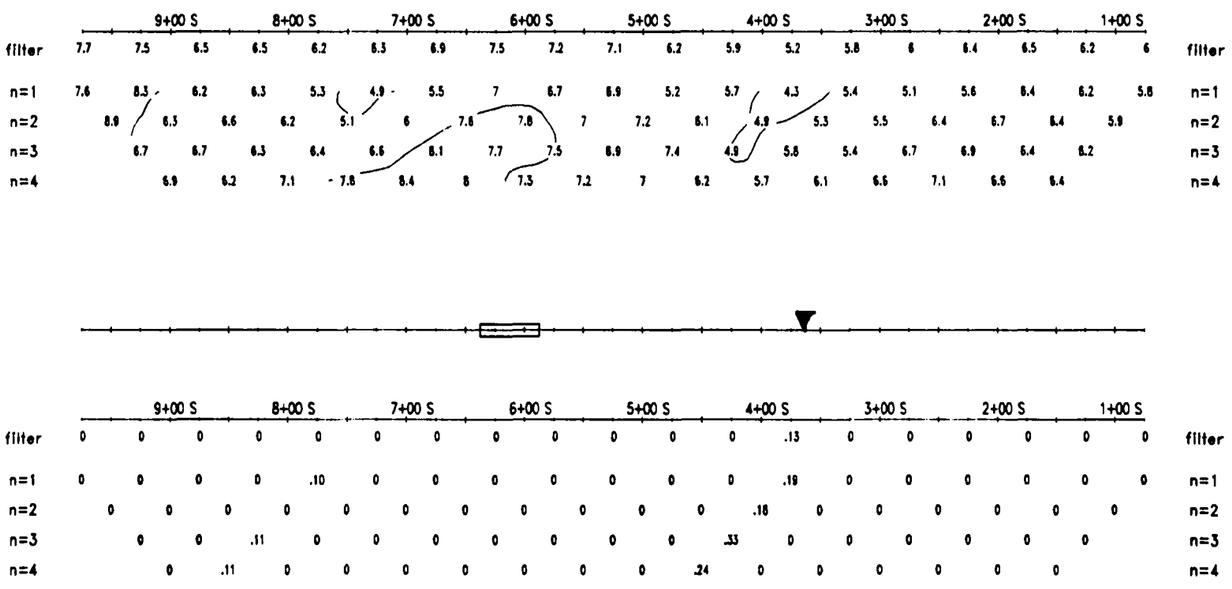
Date: 96/04/11
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



TOPOGRAPHY

RESISTIVITY
(Ohm * m)



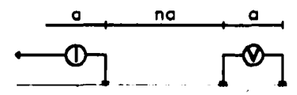
CHARGEABILITY
(mV/V)

INTERPRETATION

METAL FACTOR
(ip/res * 100)

Line 2300 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4
plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

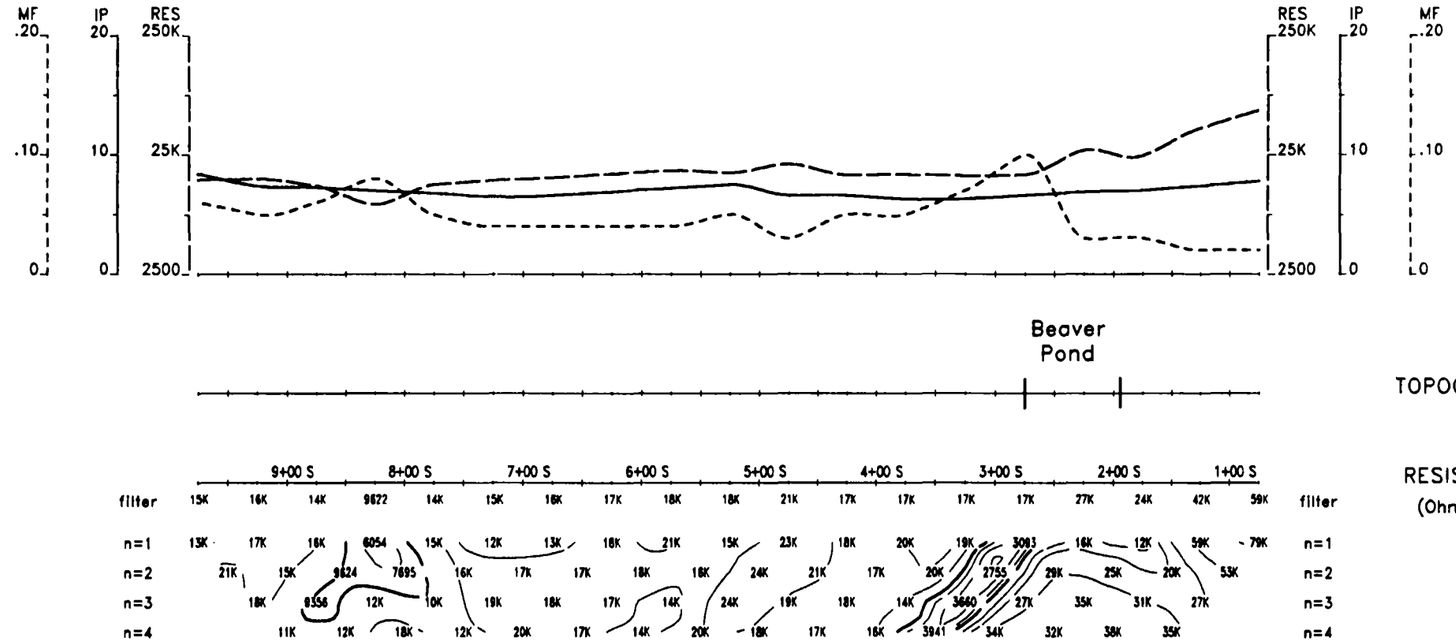
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

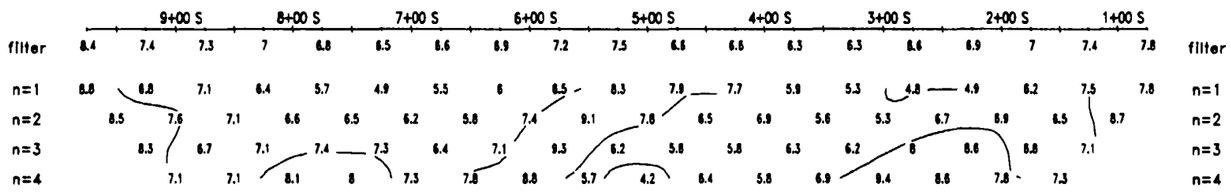
Date: 96/04/11
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



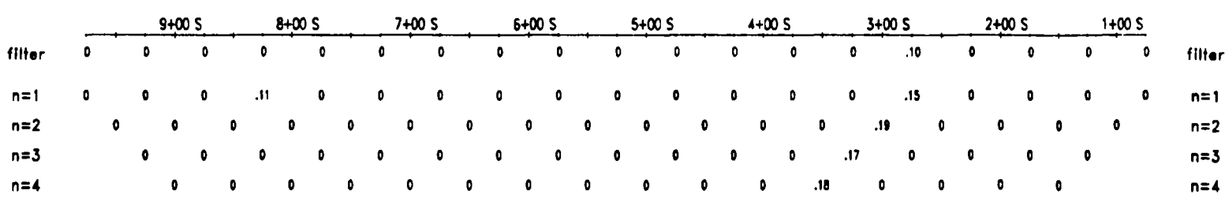
TOPOGRAPHY

RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

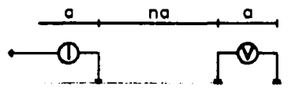
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 2200 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4
plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

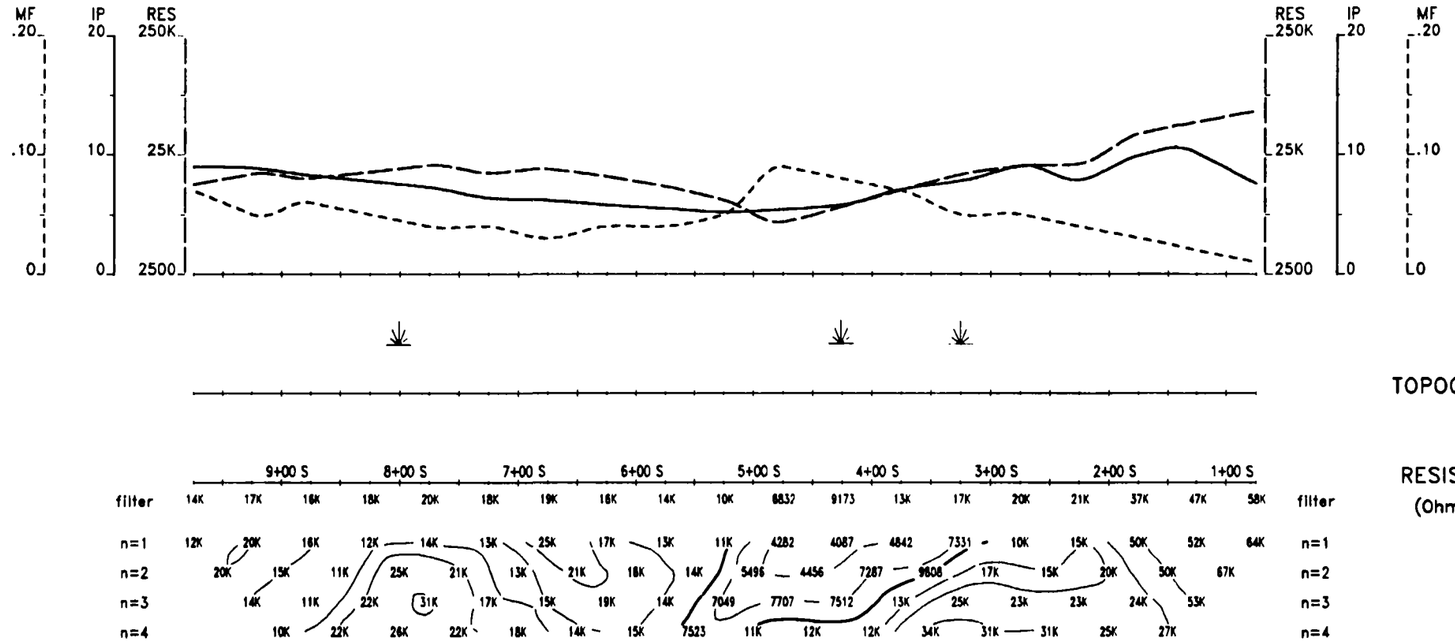
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

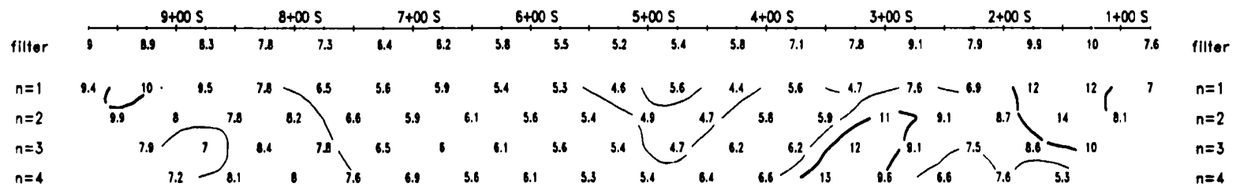
Date: 96/04/10
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



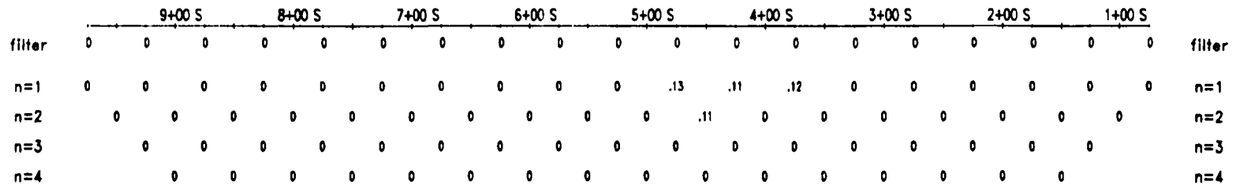
TOPOGRAPHY

RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

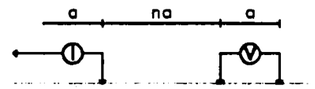
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 2100 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

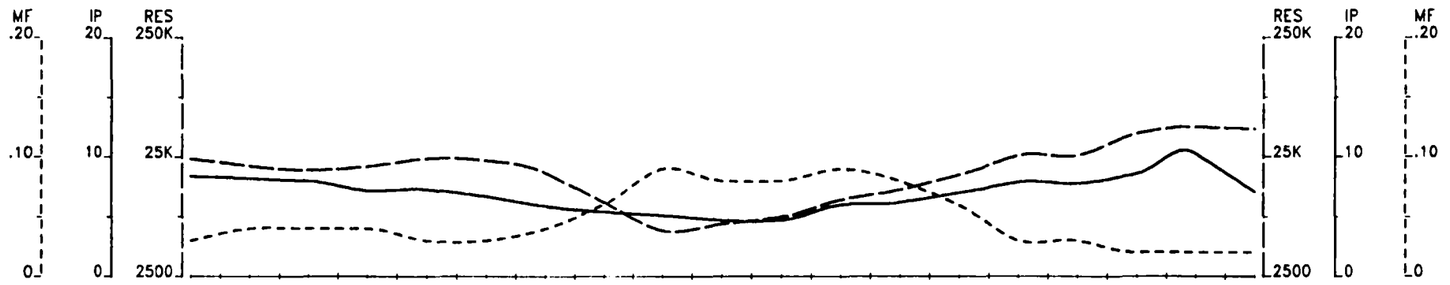
Induced Polarization Survey

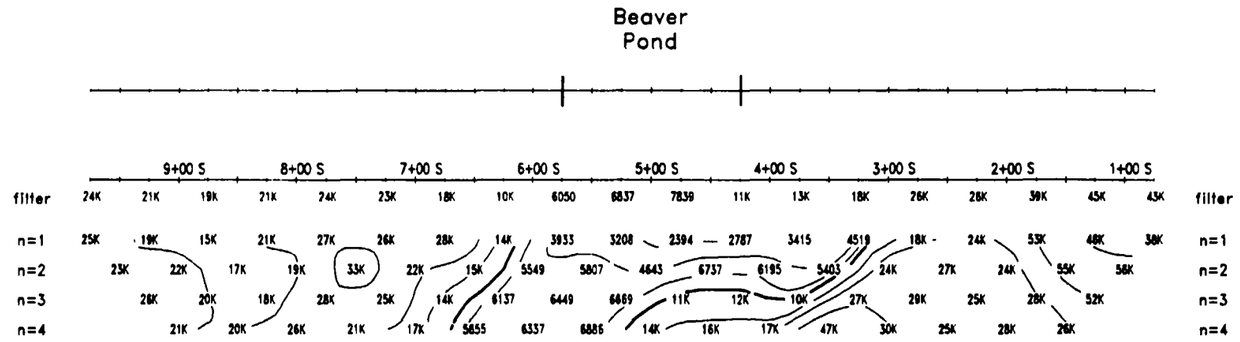
FALCONBRIDGE LTD

Wisner – Footwal Project
Wisner Township

Date: 96/04/03
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

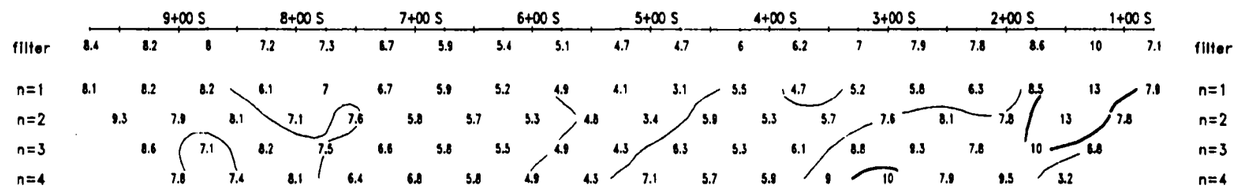
VAL D'OR SAGAX INC.



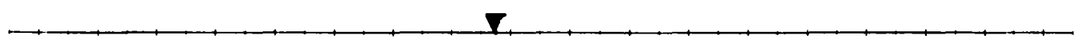


TOPOGRAPHY

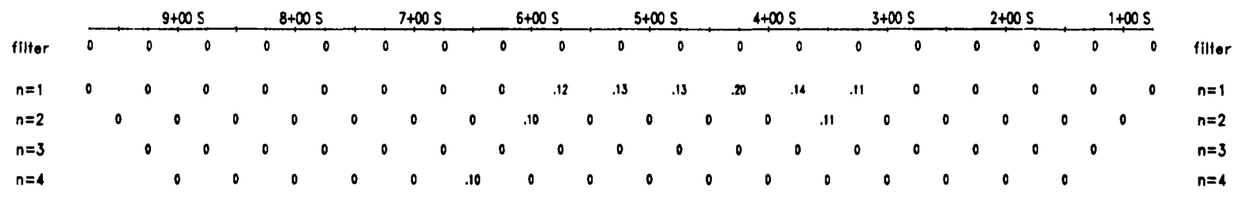
RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)



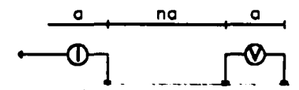
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 2000 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4
plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

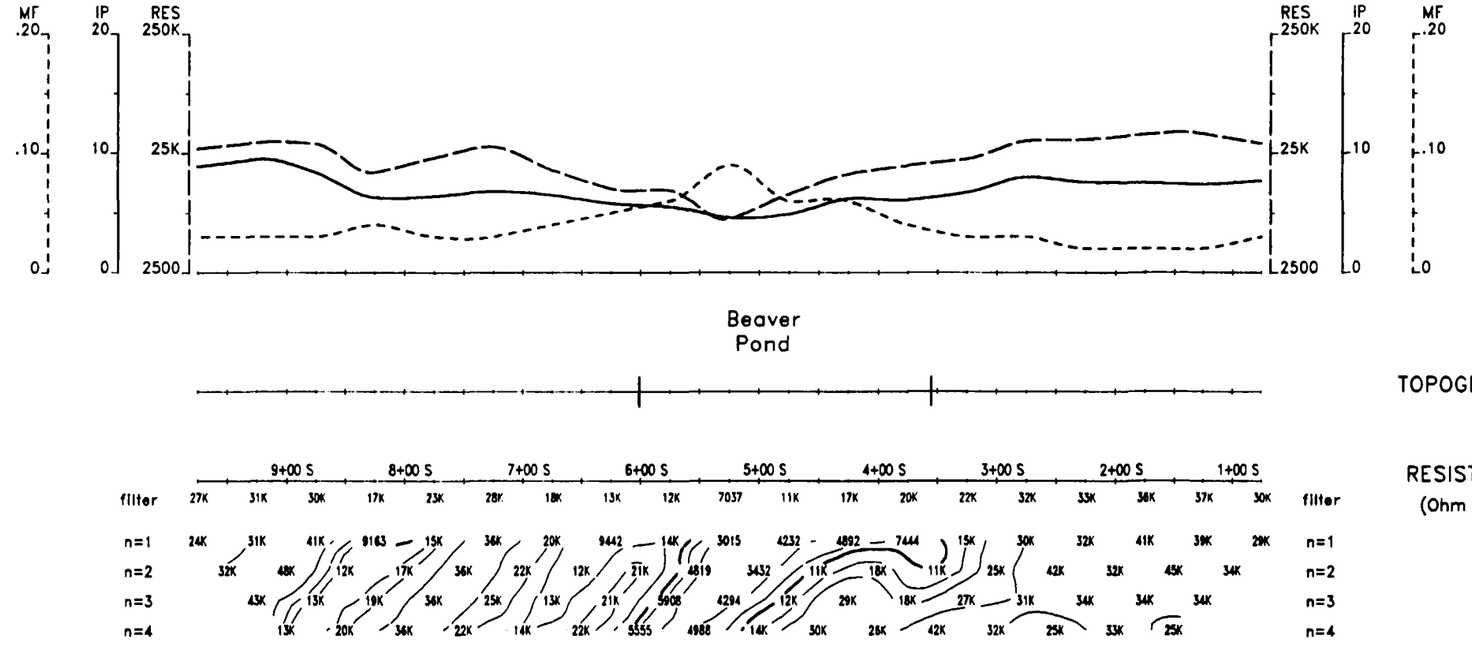
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

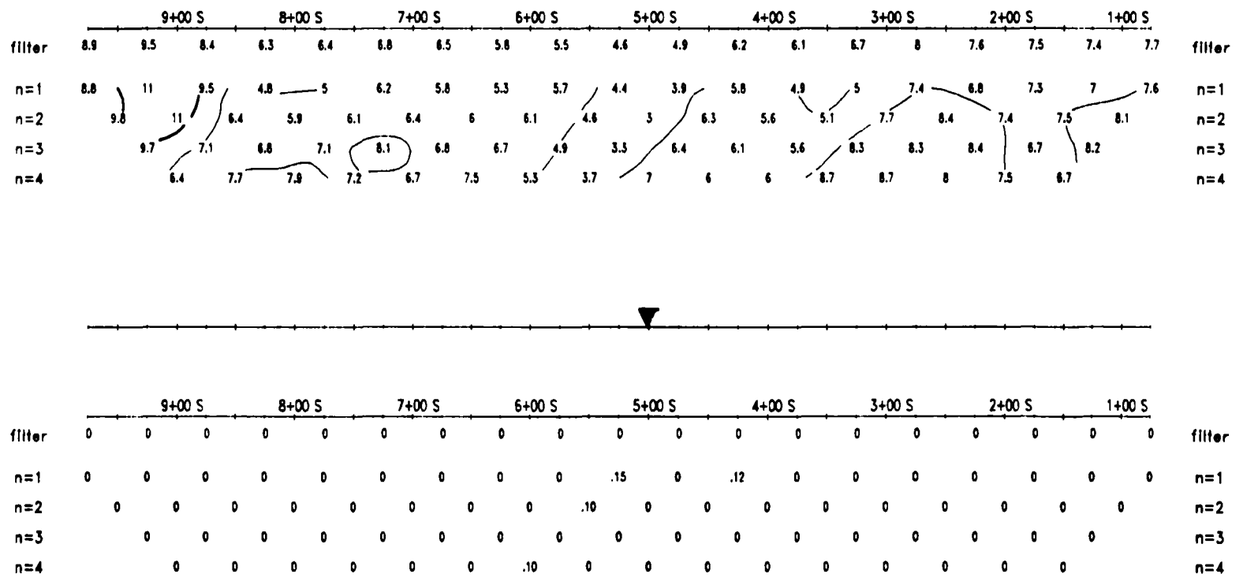
Date: 96/04/10
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



TOPOGRAPHY

RESISTIVITY
(Ohm * m)



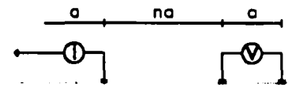
CHARGEABILITY
(mV/V)

INTERPRETATION

METAL FACTOR
(ip/res * 100)

Line 1900 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4
plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

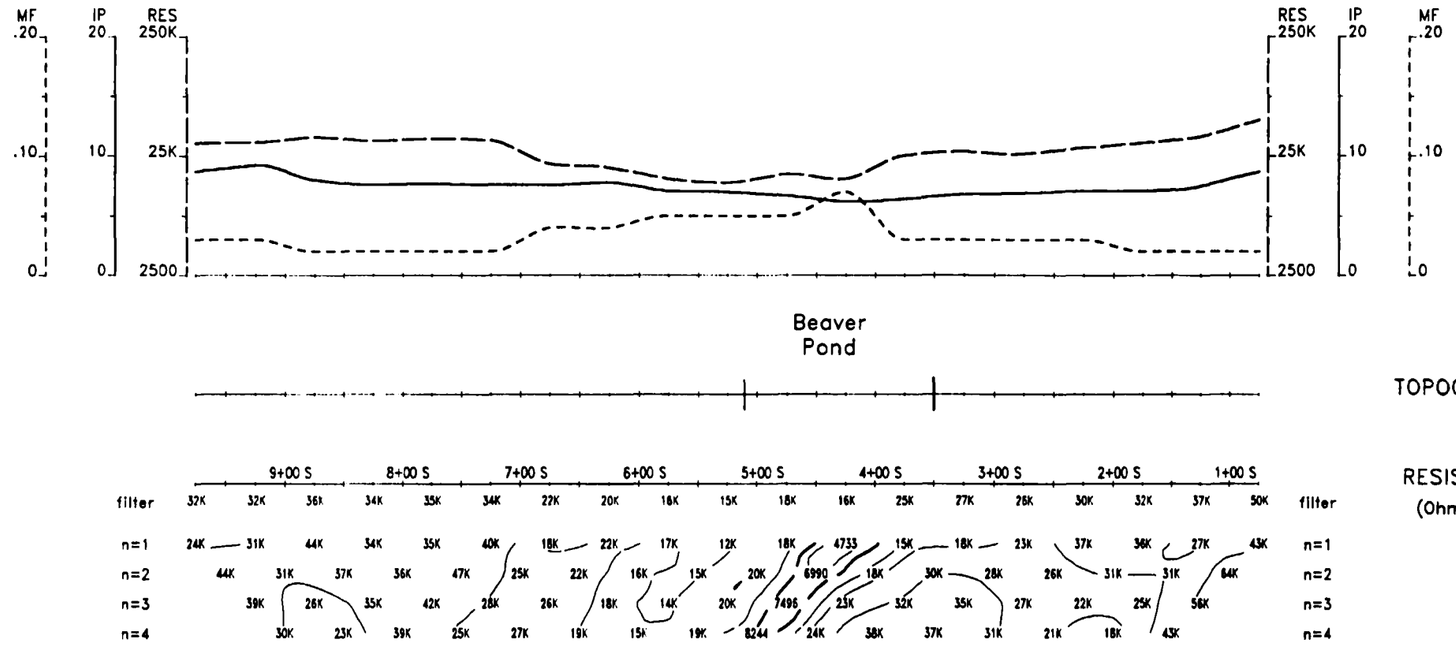
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

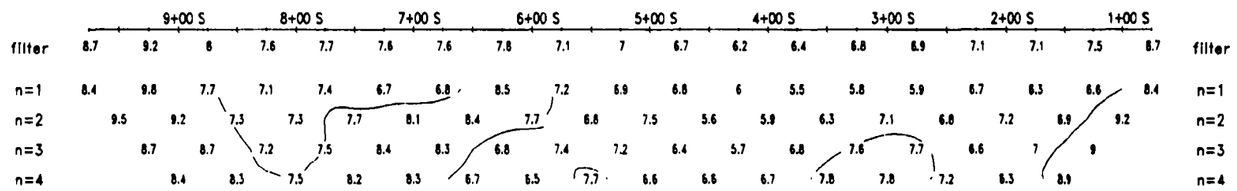
Date: 96/04/10
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



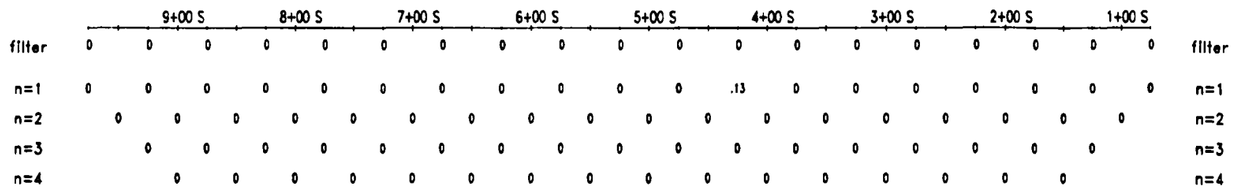
TOPOGRAPHY

RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

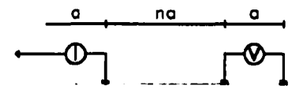
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 1800 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4
plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

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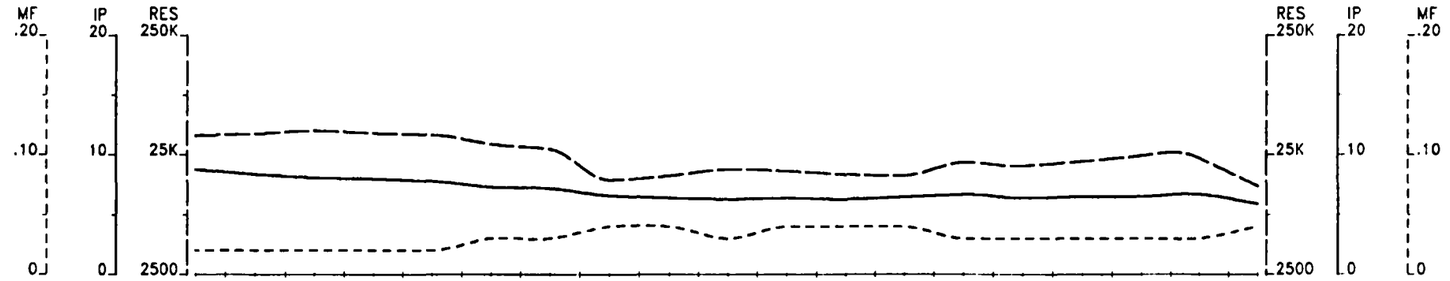
Induced Polarization Survey

FALCONBRIDGE LTD

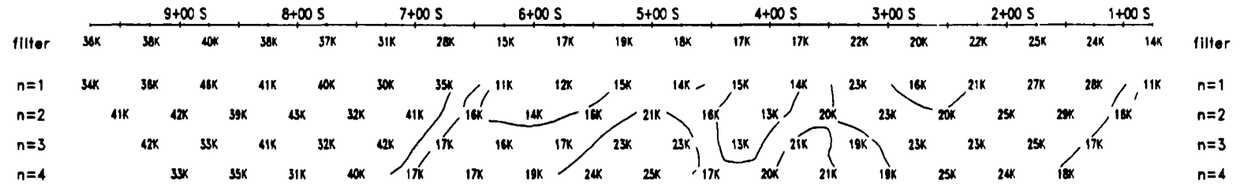
Wisner – Footwall Project
Wisner Township

Date: 96/04/16
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

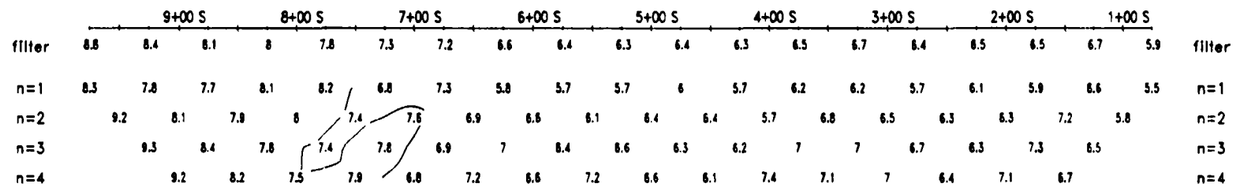
VAL D'OR SAGAX INC.



TOPOGRAPHY

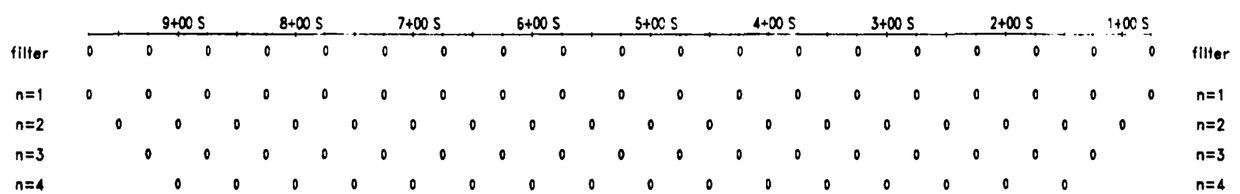


RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

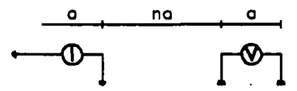
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 1700 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Resistivity
Polarization
Metal Factor

Filter

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

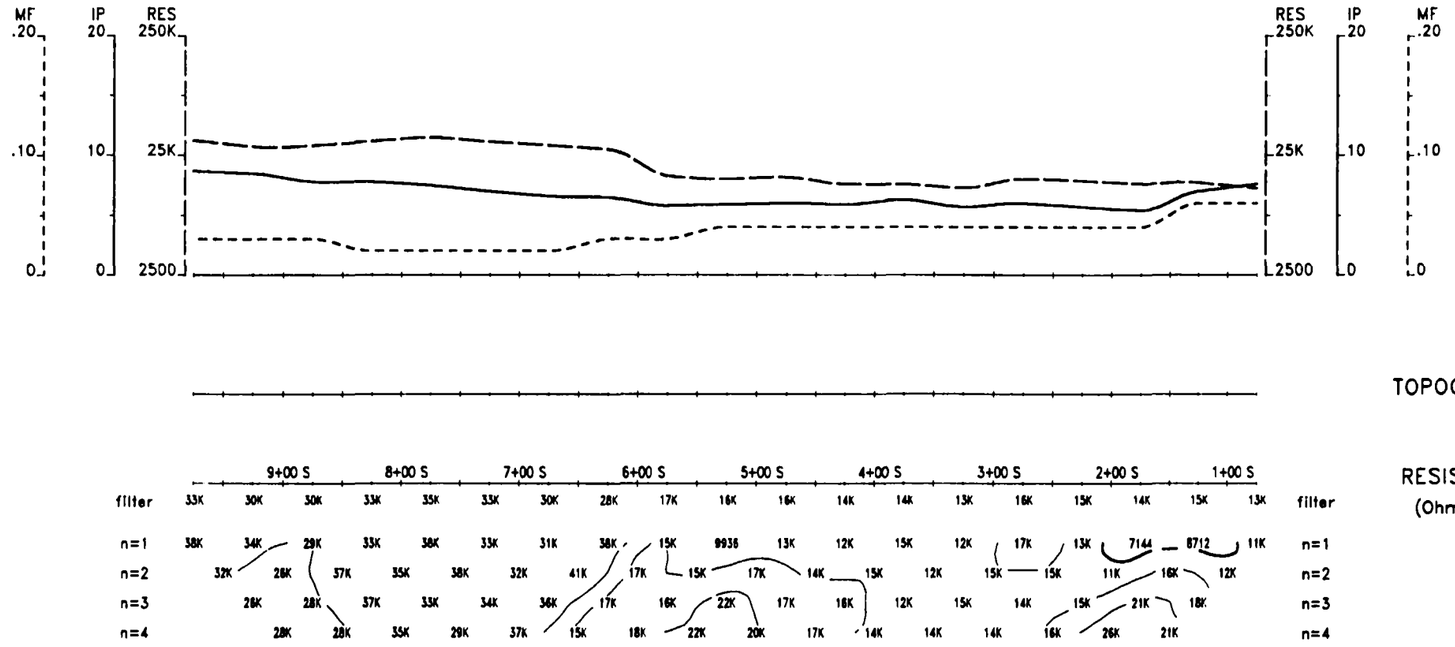
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwal Project
Wisner Township

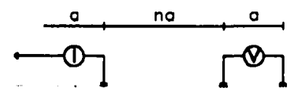
Date: 96/04/03
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



Line 1600 W

Pole–Dipole Array



a = 50 M

n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

- Increase in polarization associated to a relative decrease in apparent resistivity.
- Increase in polarization with little or no associated decrease in apparent resistivity.
- Weak or poorly defined polarization anomaly,no resistivity signature.
- ▼ Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

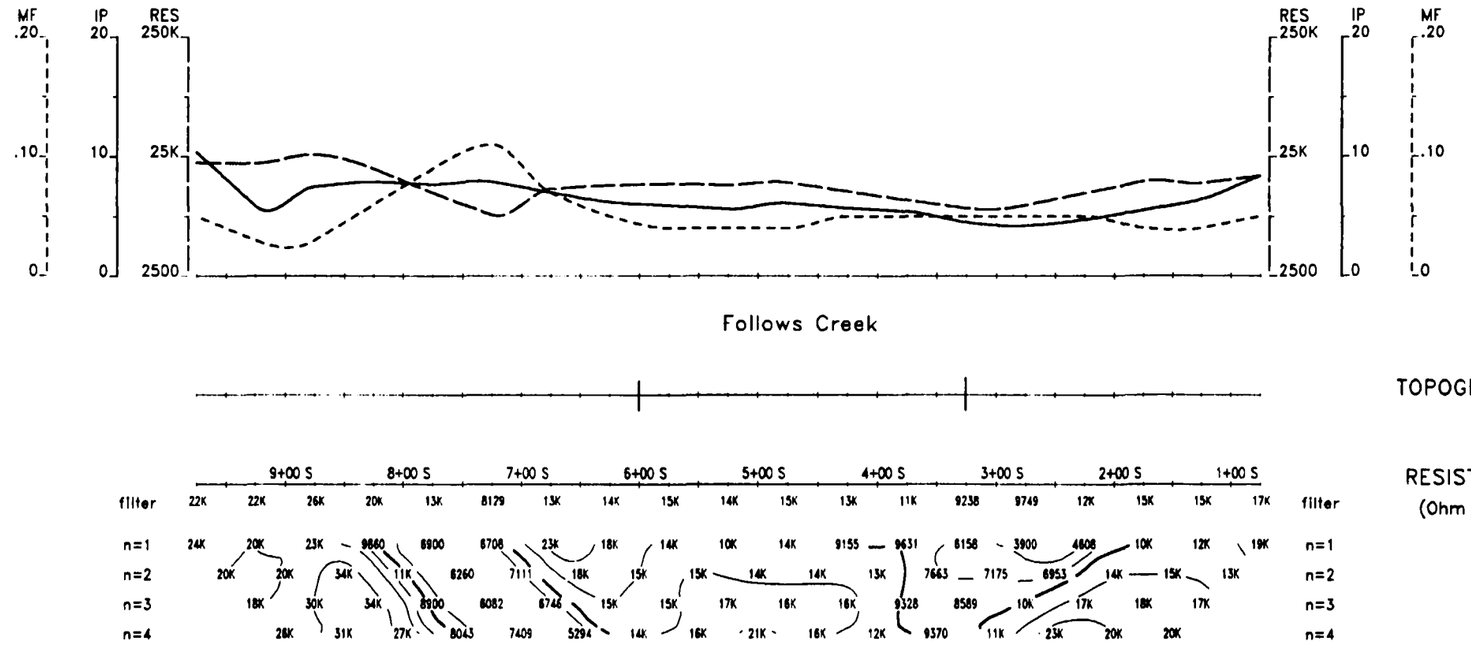
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwal Project
Wisner Township

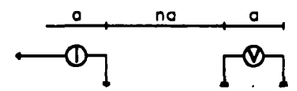
Date: 96/04/03
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



Line 1500 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4
plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

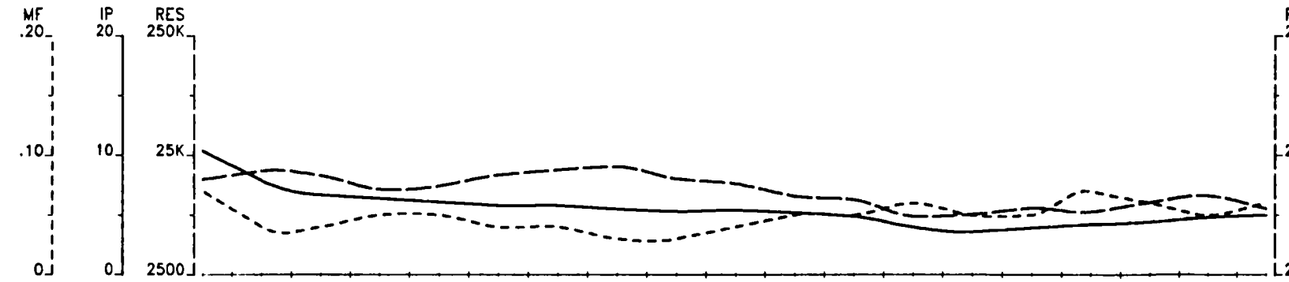
Induced Polarization Survey

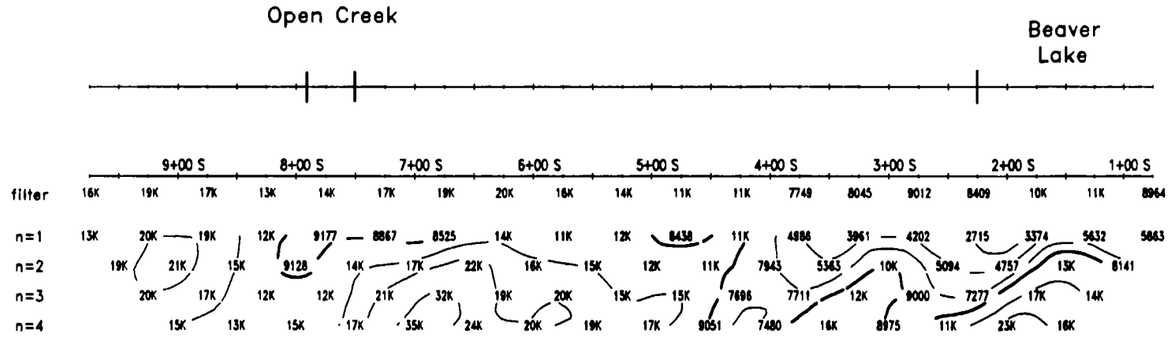
FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

Date: 96/04/11
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

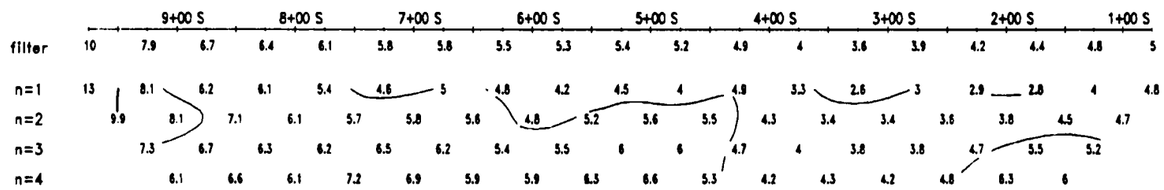
VAL D'OR SAGAX INC.





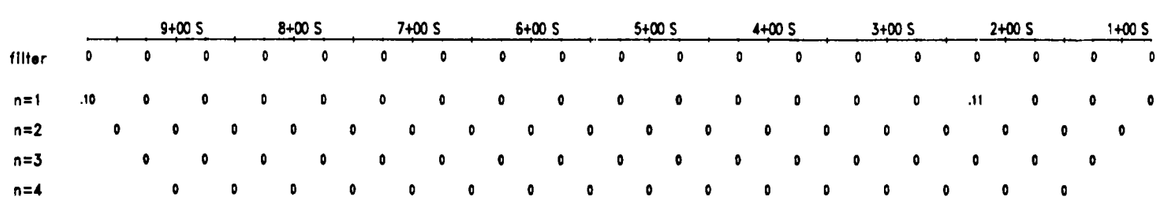
TOPOGRAPHY

RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

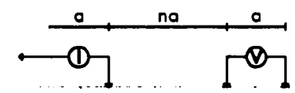
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 1400 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

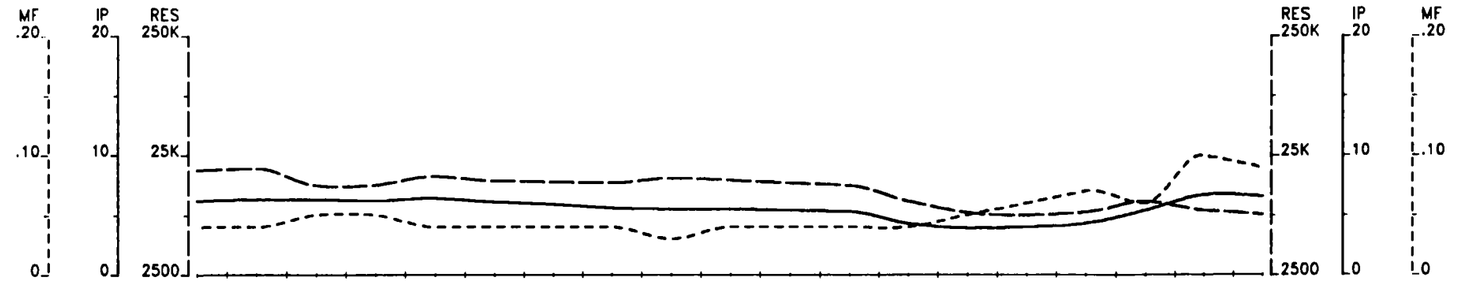
Induced Polarization Survey

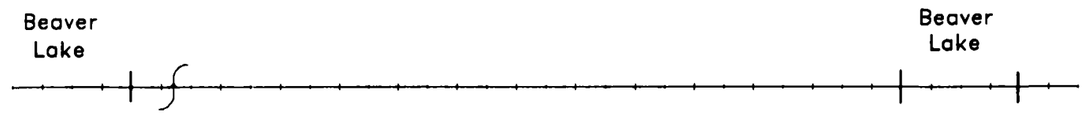
FALCONBRIDGE LTD

Wisner – Footwal Project
Wisner Township

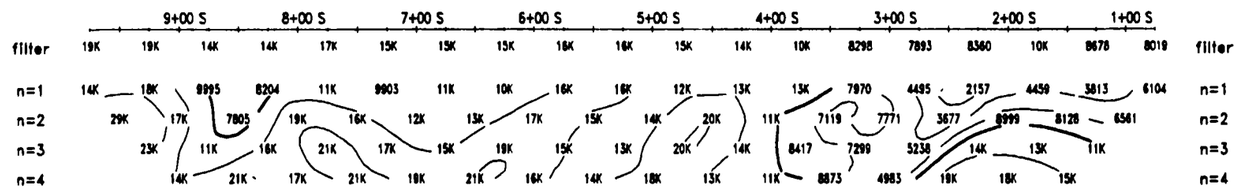
Date: 96/04/03
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.

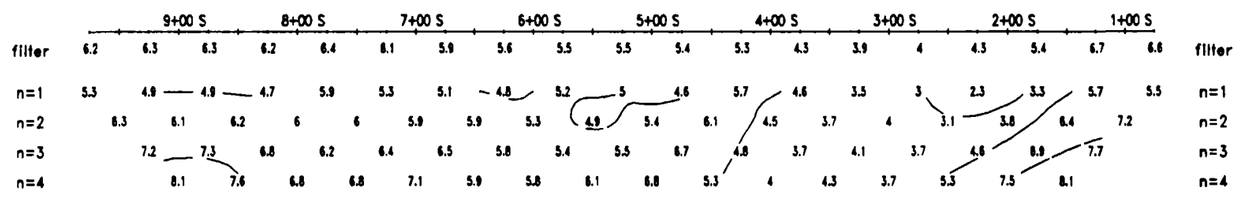




TOPOGRAPHY

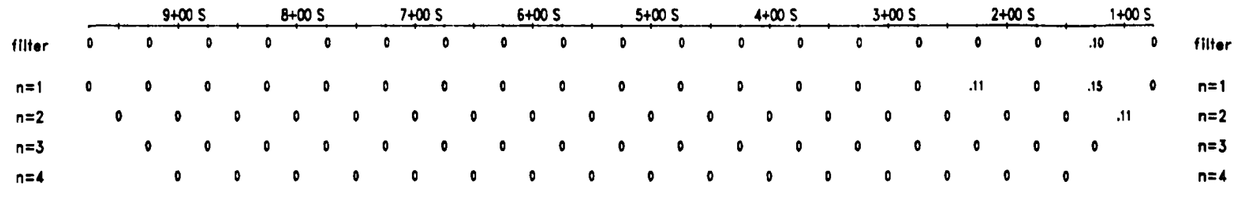


RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

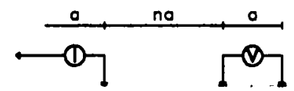
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 1300 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

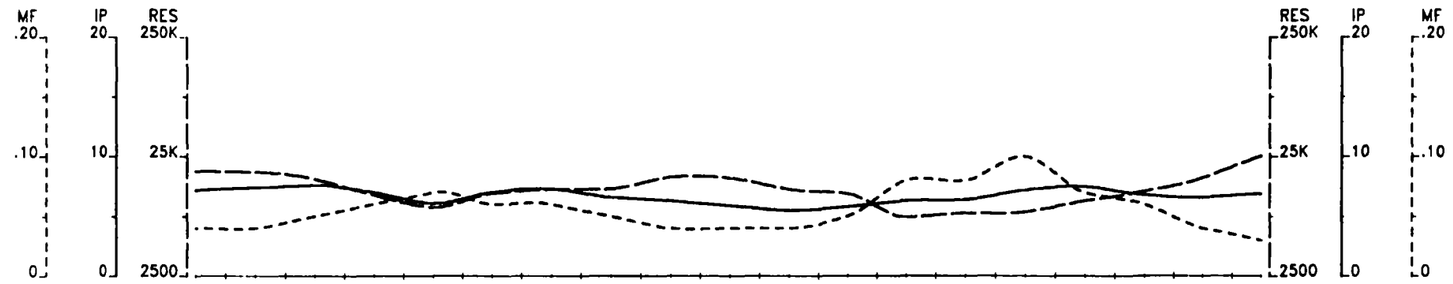
Induced Polarization Survey

FALCONBRIDGE LTD

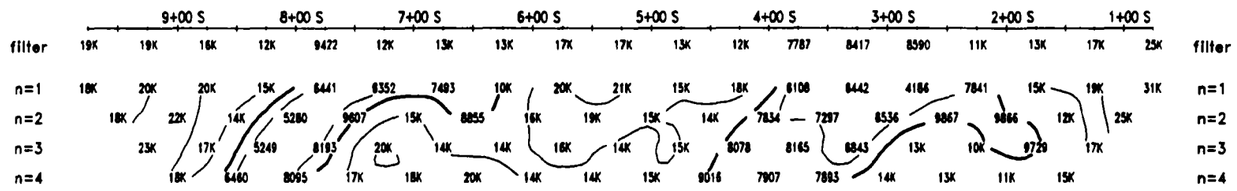
Wisner – Footwal Project
Wisner Township

Date: 96/04/03
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

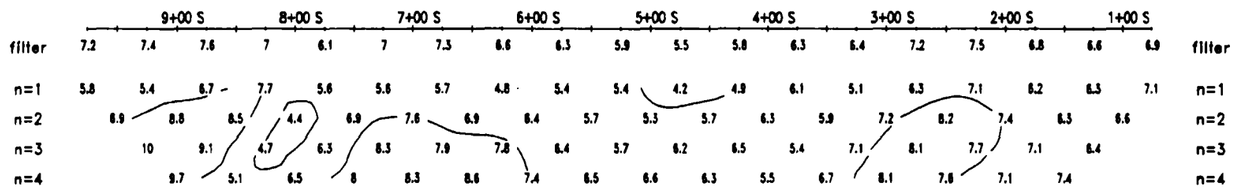
VAL D'OR SAGAX INC.



TOPOGRAPHY

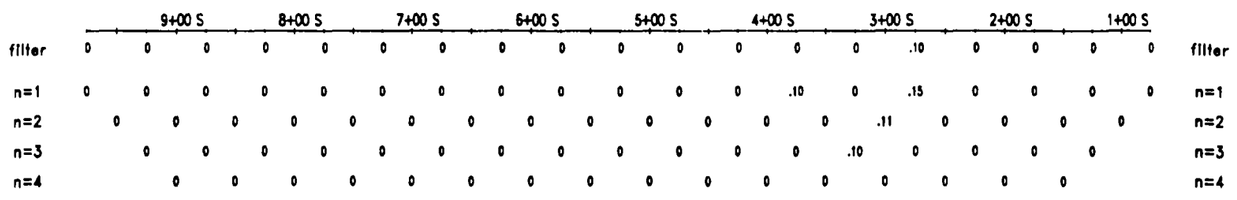


RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

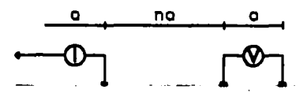
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 1200 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4
plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

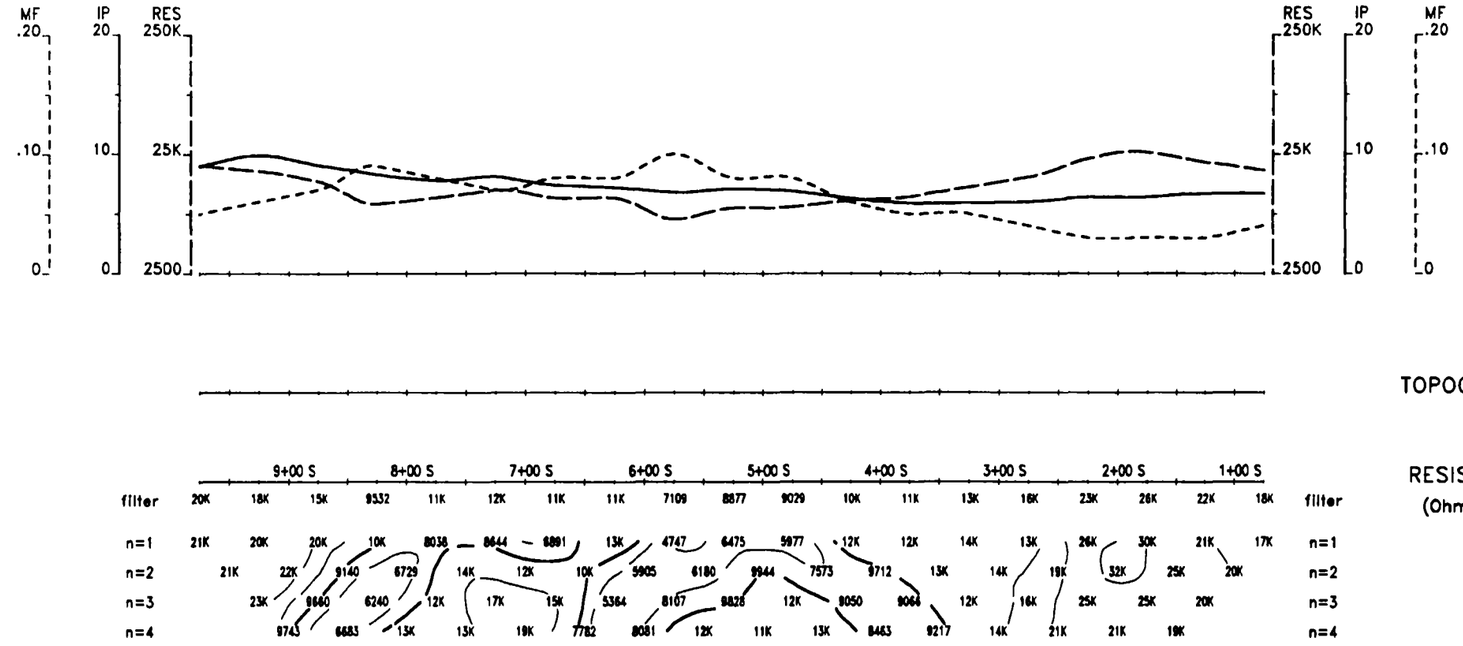
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwal Project
Wisner Township

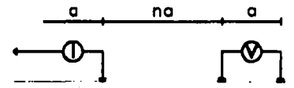
Date: 96/04/03
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



Line 1100 W

Pole–Dipole Array



a = 50 M

n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

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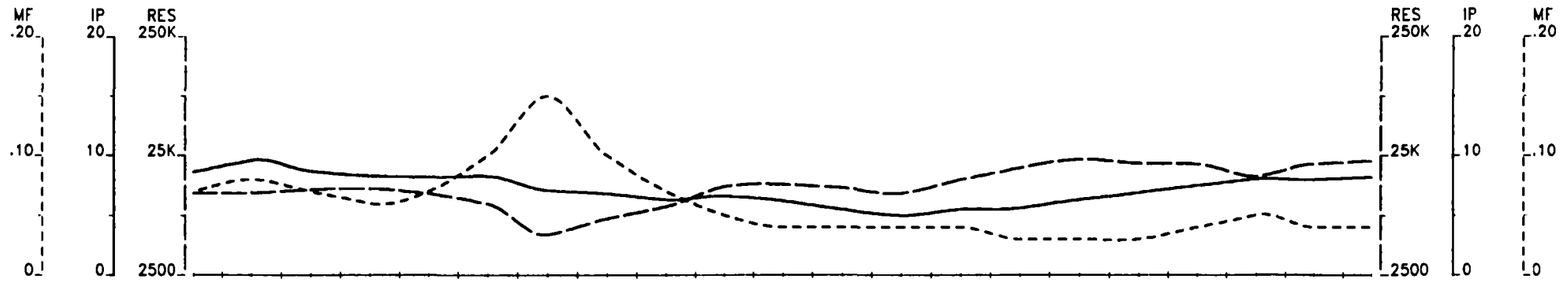
Induced Polarization Survey

FALCONBRIDGE LTD

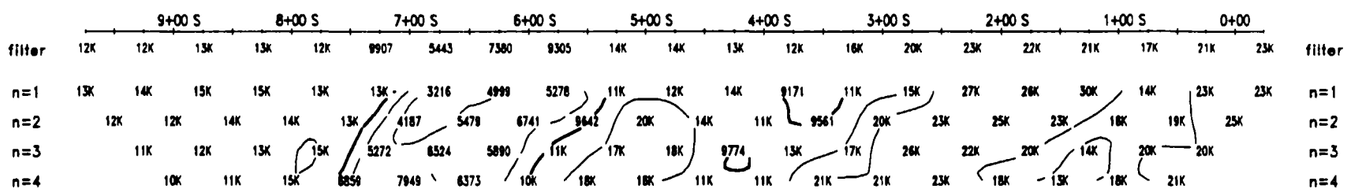
Wisner – Footwall Project
Wisner Township

Date: 96/04/11
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

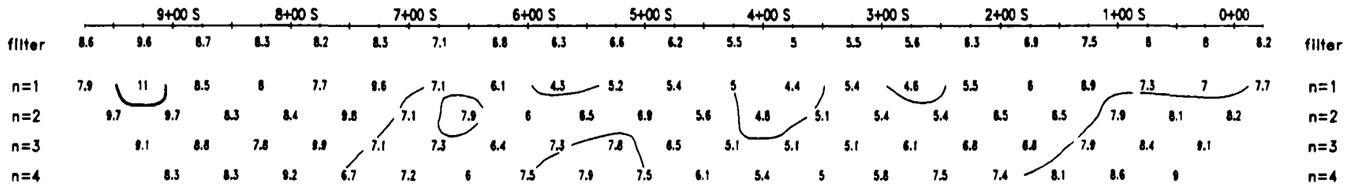
VAL D'OR SAGAX INC.



TOPOGRAPHY

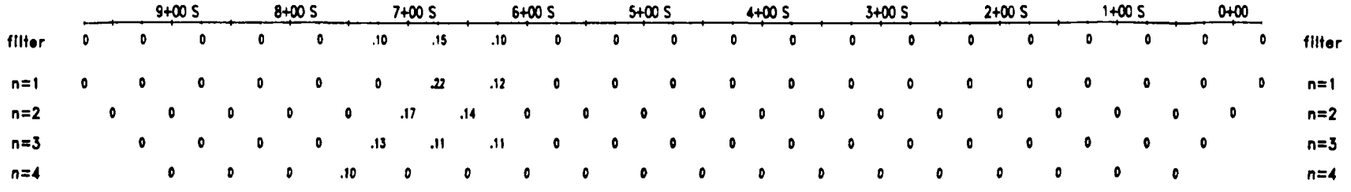


RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

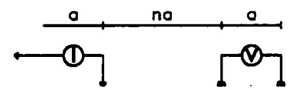
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 1000 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

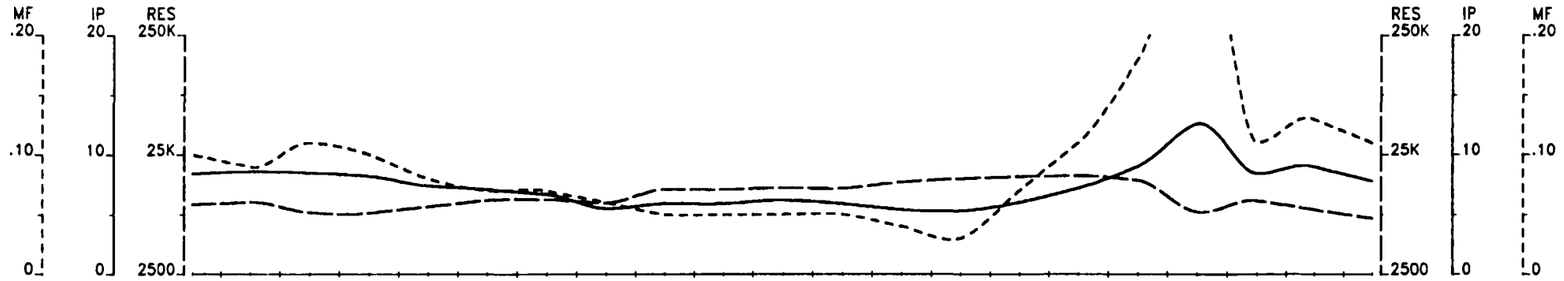
Induced Polarization Survey

FALCONBRIDGE LTD

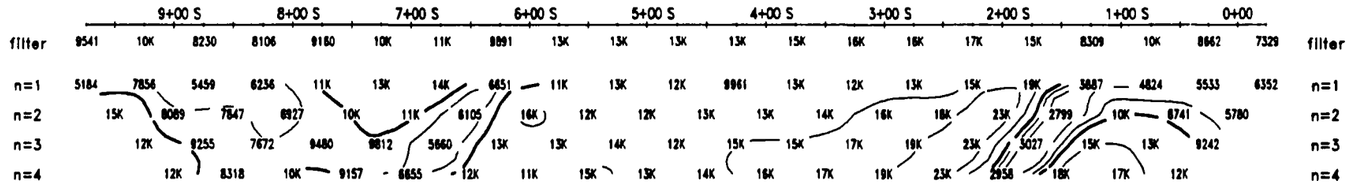
Wisner – Footwall Project
Wisner Township

Date: 96/04/10
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

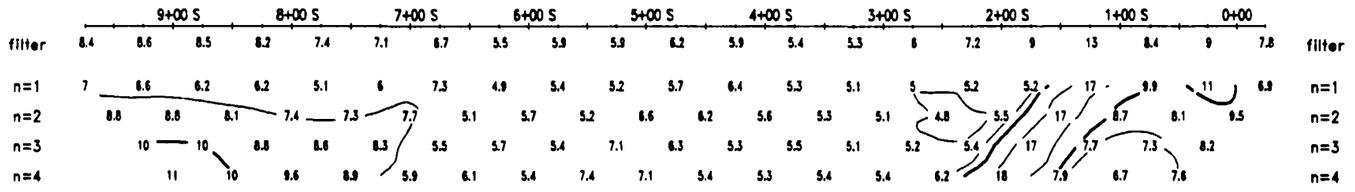
VAL D'OR SAGAX INC.



TOPOGRAPHY

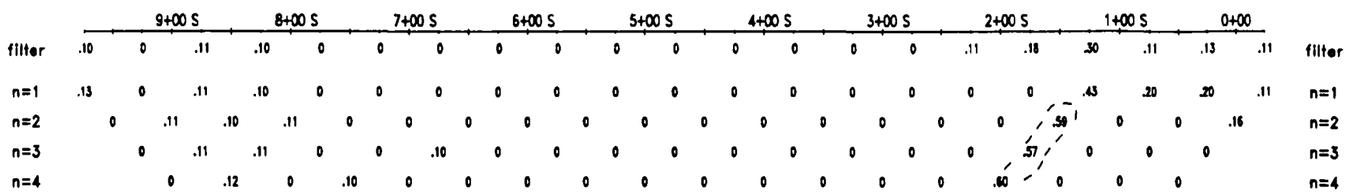


RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

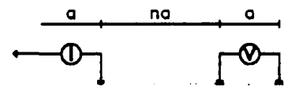
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 900 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

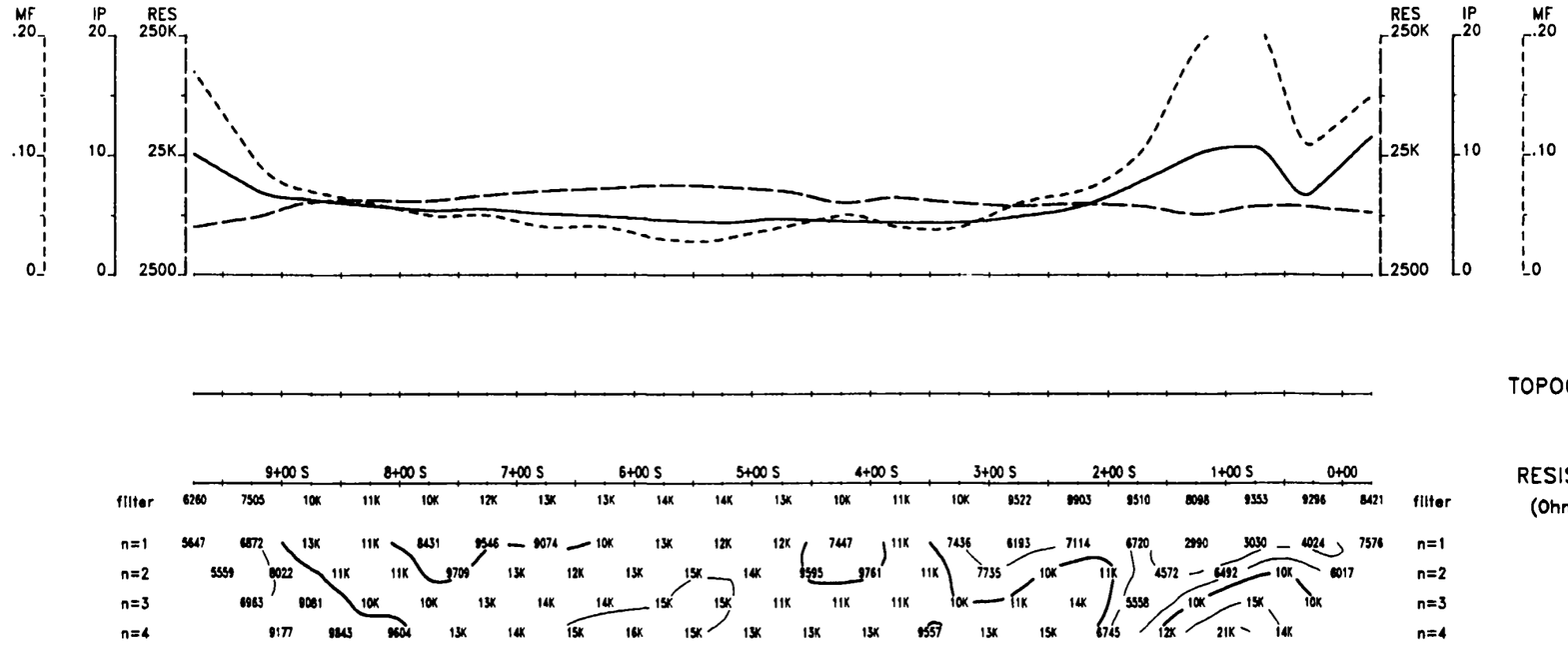
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

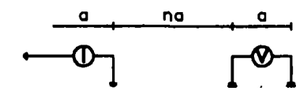
Date: 96/04/10
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



Line 800 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4

Filtered Profiles

Resistivity
Polarization
Metal Factor

Filter

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

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Scale 1 : 5000

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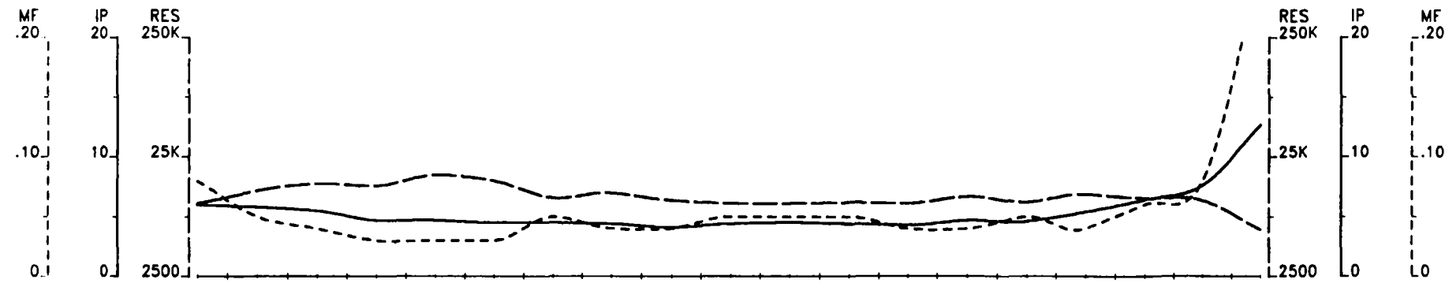
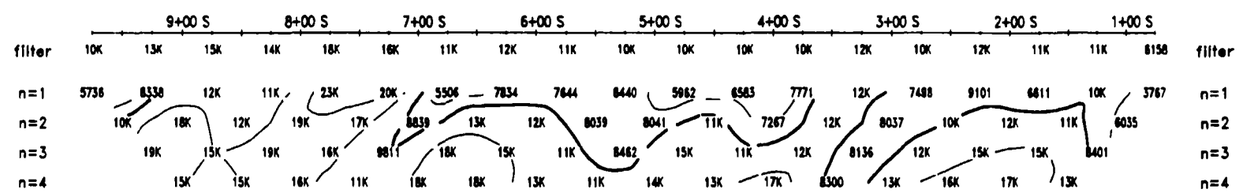
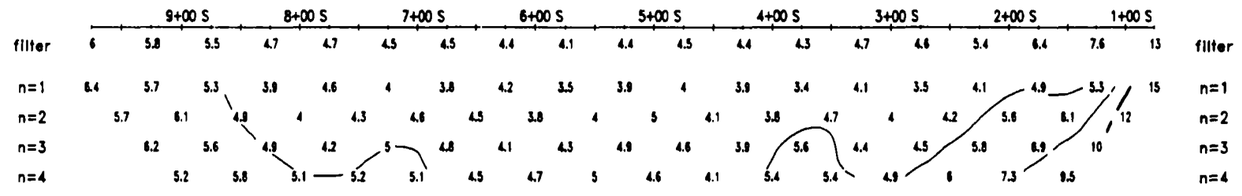


TOPOGRAPHY

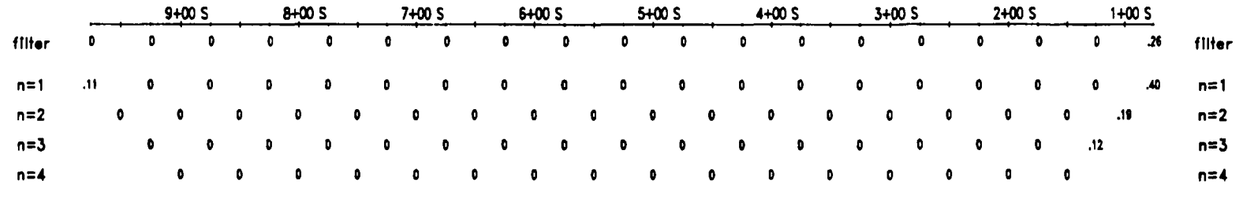


RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

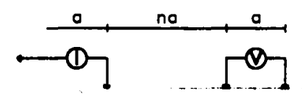
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 700 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4
plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

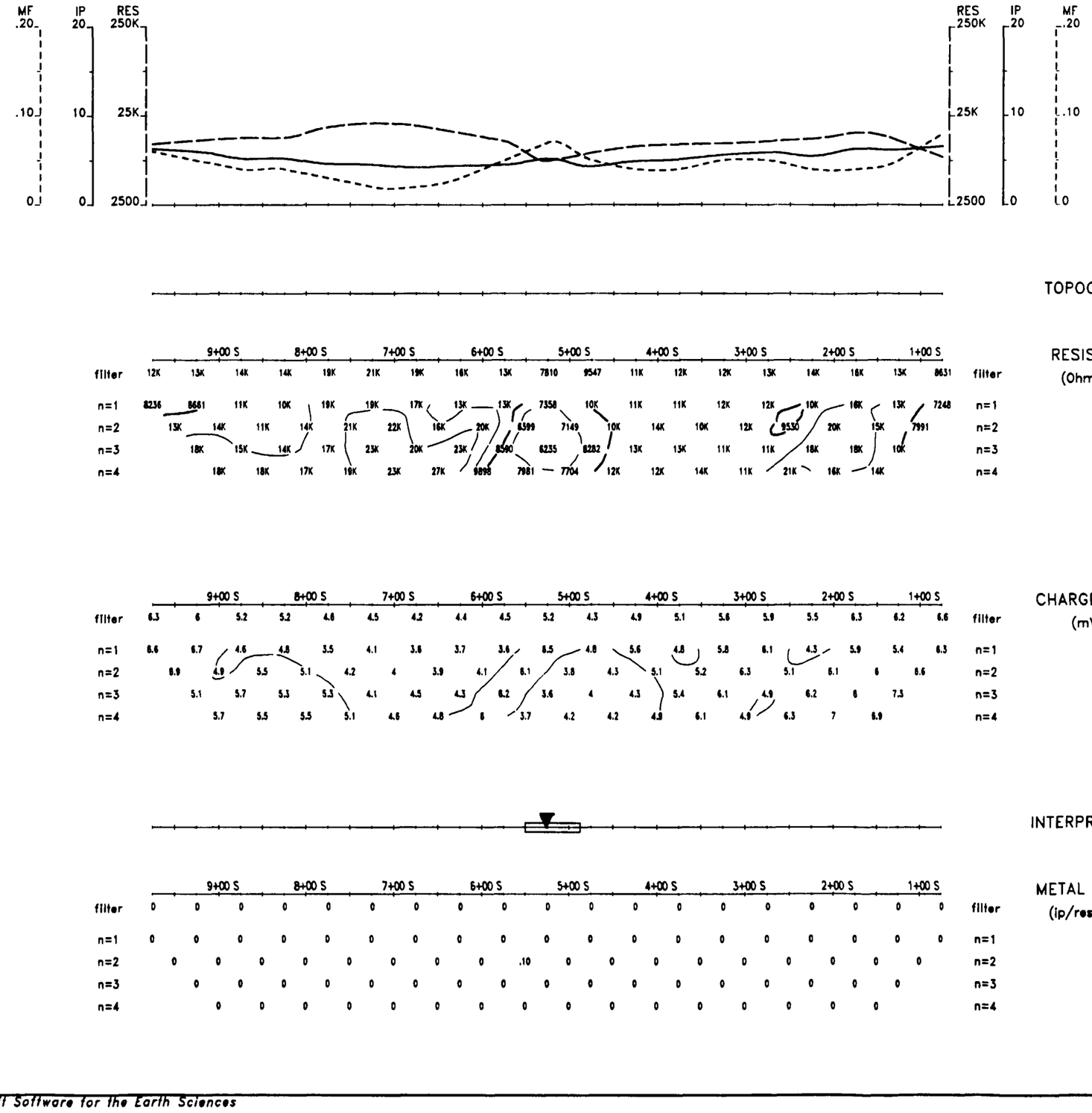
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

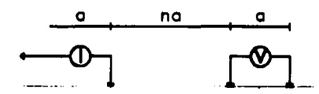
Date: 96/04/10
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



Line 600 W

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP–6
Time cycle: 2 sec.
Operator: Gerry Shields

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Wisner – Footwall Project
Wisner Township

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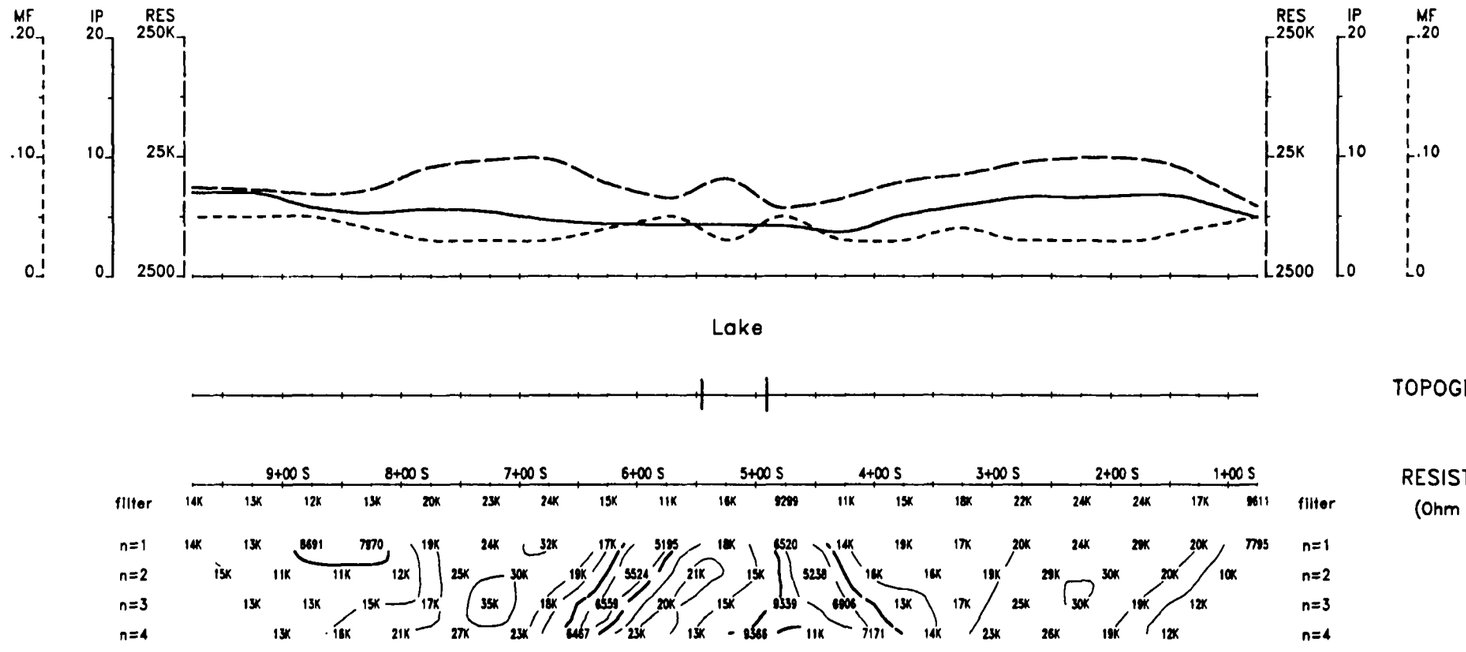
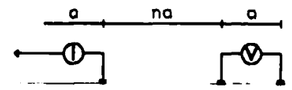
Scale 1 : 5000

VAL D'OR SAGAX INC.



Line 500 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Resistivity
Polarization
Metal Factor

Filter

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

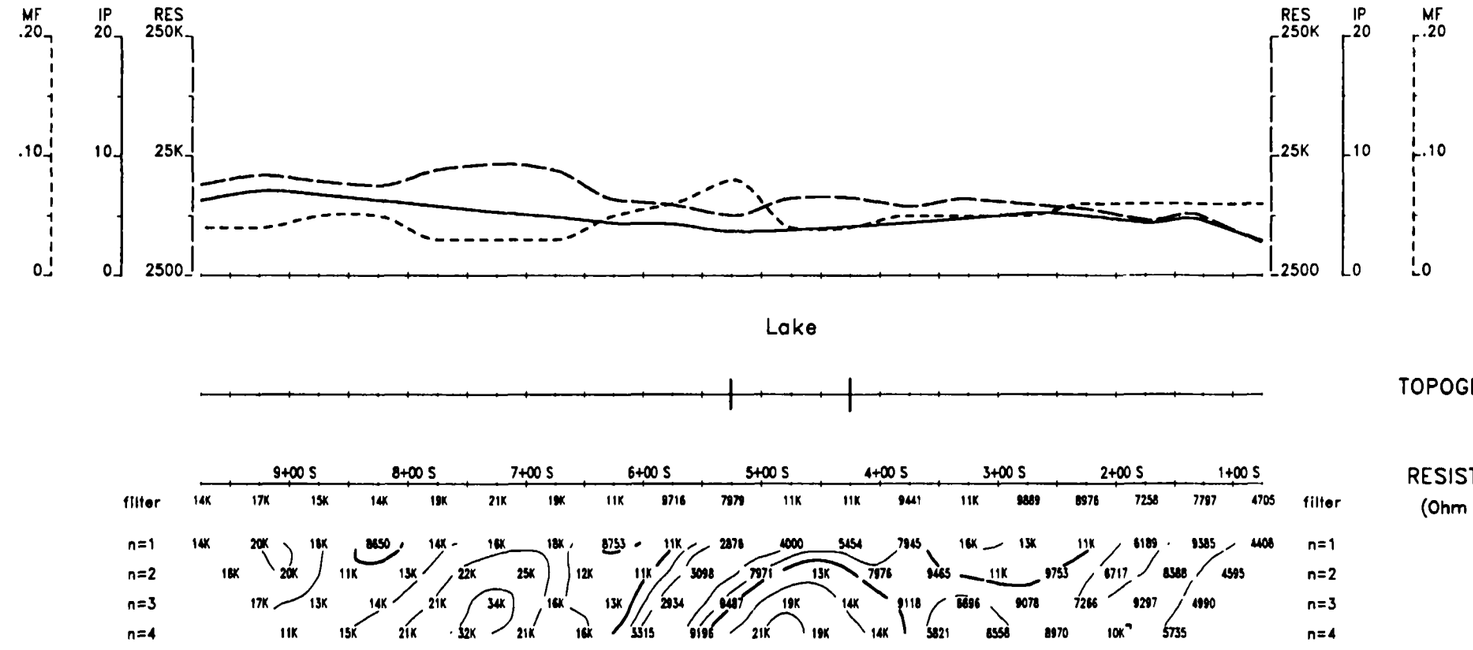
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

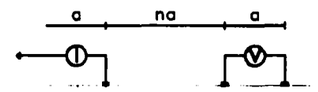
Date: 96/04/10
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



Line 400 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

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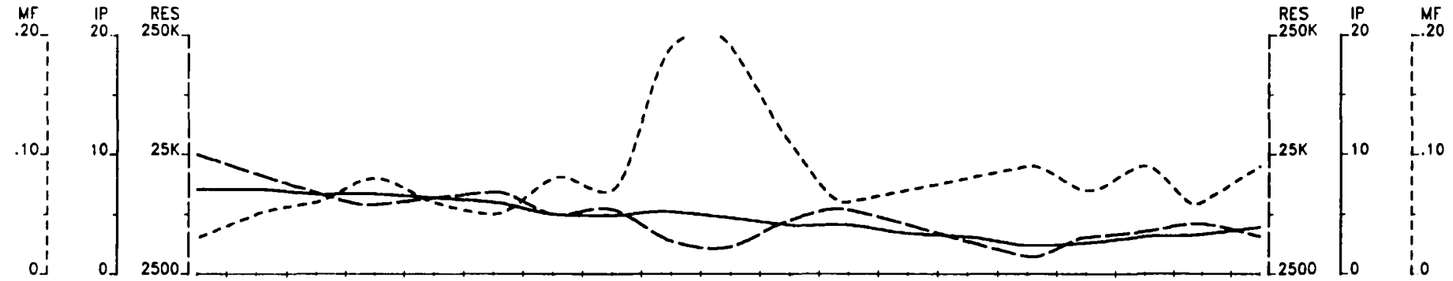
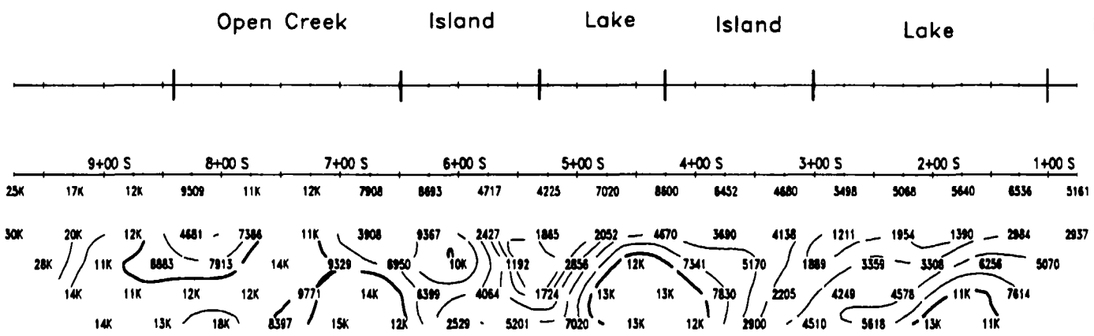
FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

Date: 96/04/10
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

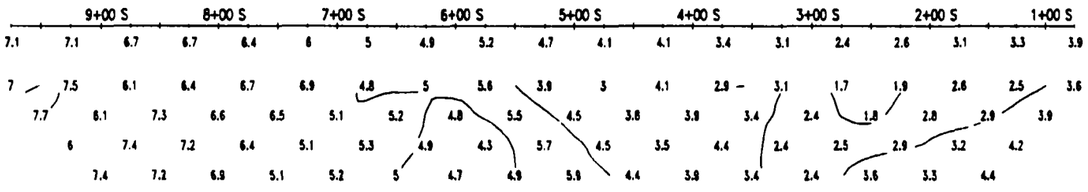
VAL D'OR SAGAX INC.



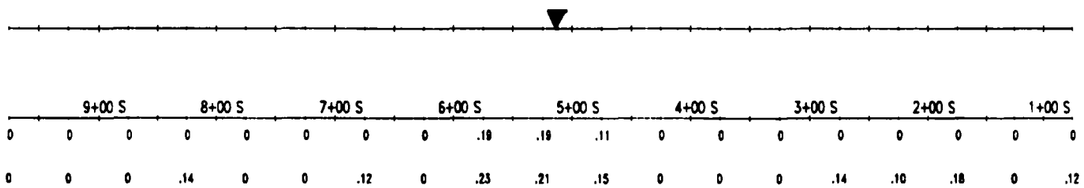


TOPOGRAPHY

RESISTIVITY
(Ohm * m)



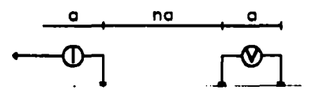
CHARGEABILITY
(mV/V)



METAL FACTOR
(ip/res * 100)

Line 300 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Resistivity
Polarization
Metal Factor

Filter

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

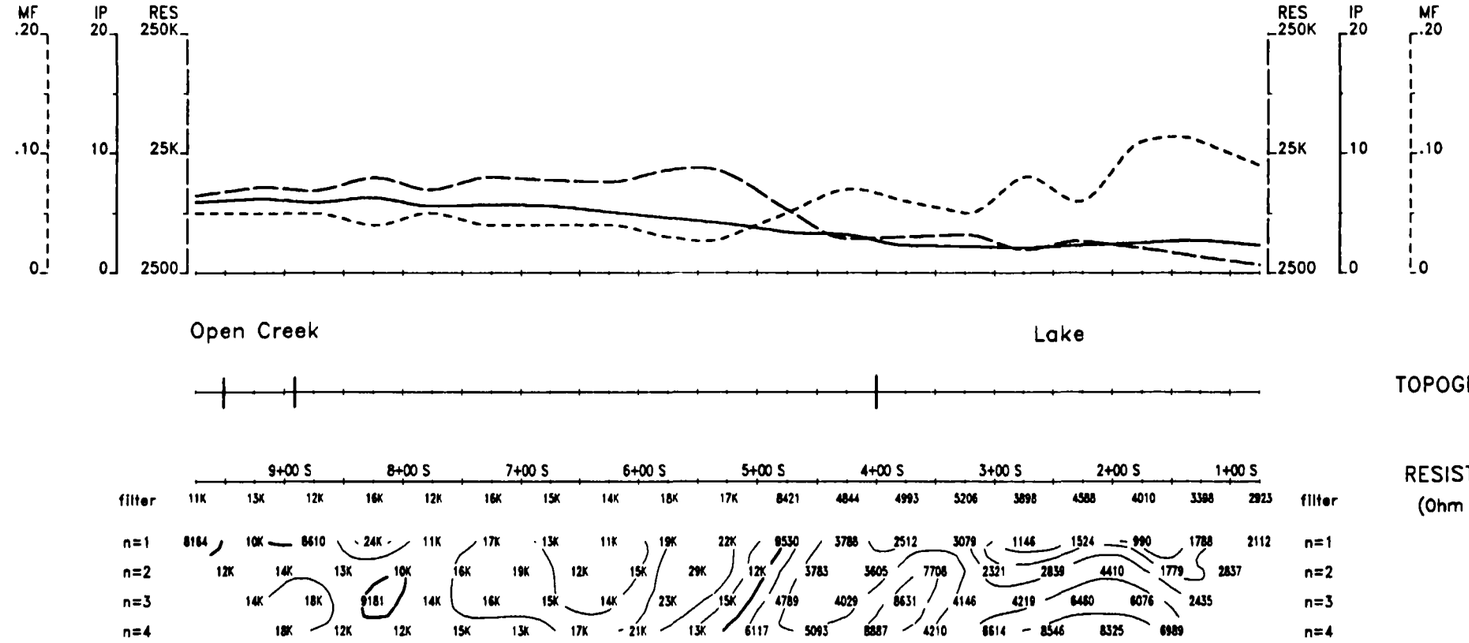
Induced Polarization Survey

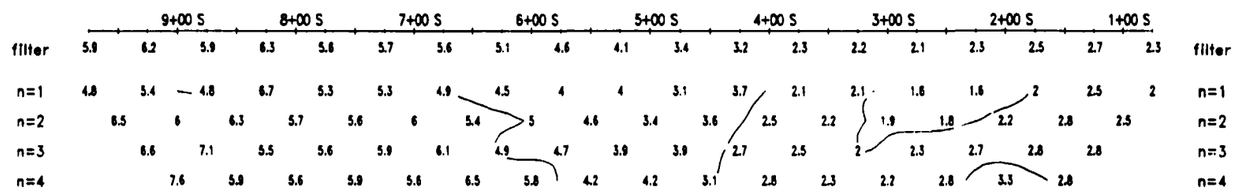
FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

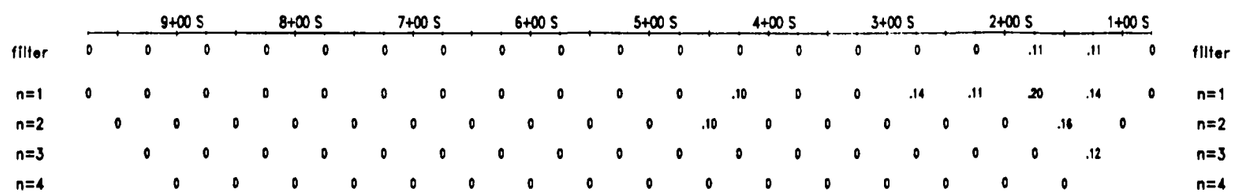
Date: 96/04/10
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



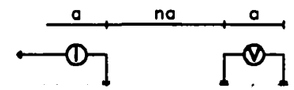


INTERPRETATION



Line 200 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
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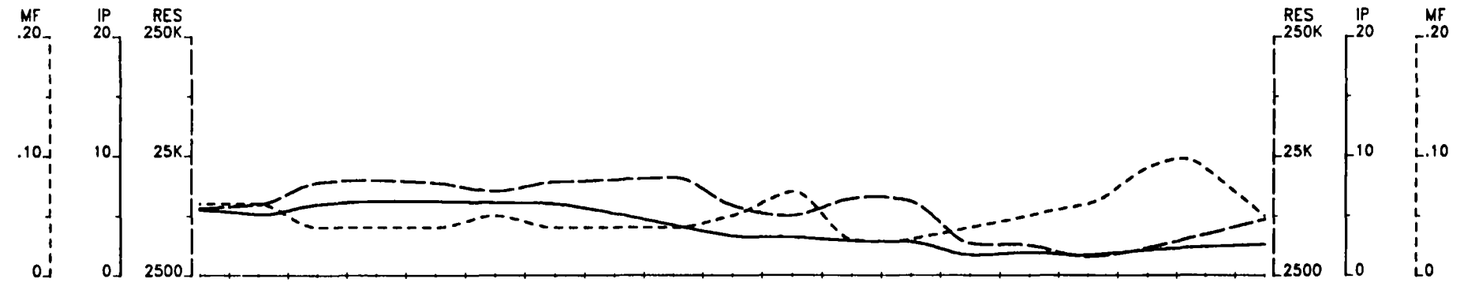
Induced Polarization Survey

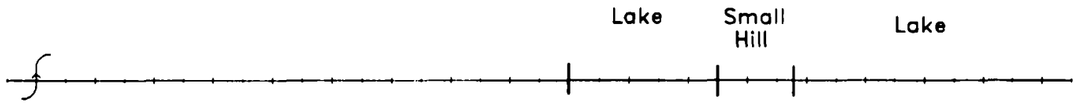
FALCONBRIDGE LTD

Wisner - Footwal Project
wisner Township

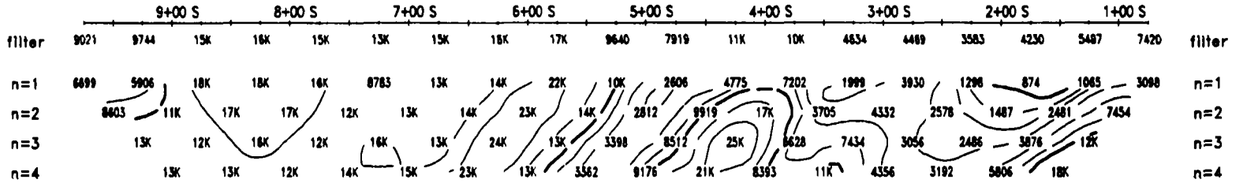
Date: 96/03/28
Interpretation by: P. Bolleau, P.Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.

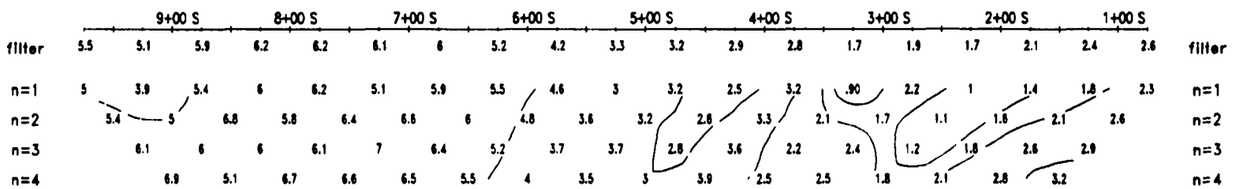




TOPOGRAPHY

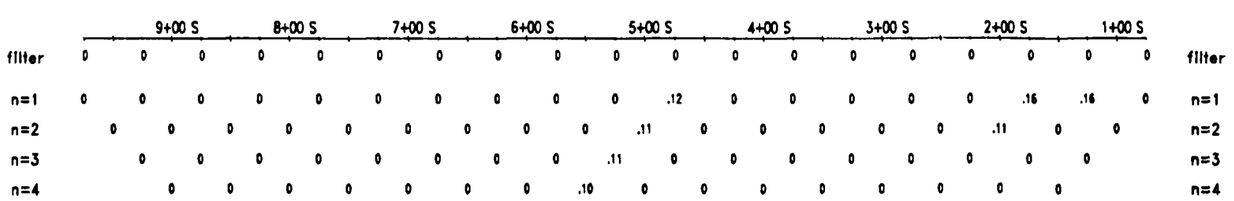


RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

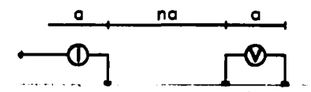
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 100 W

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Resistivity
Polarization
Metal Factor

Filter

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

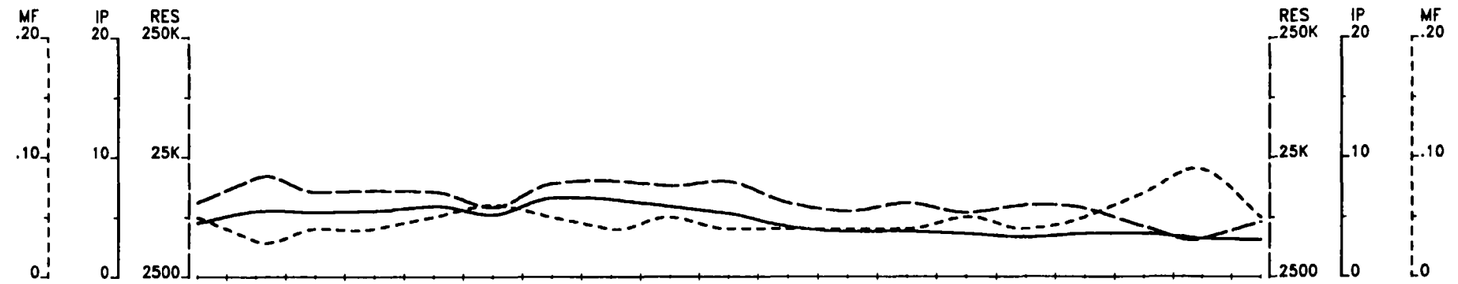
Induced Polarization Survey

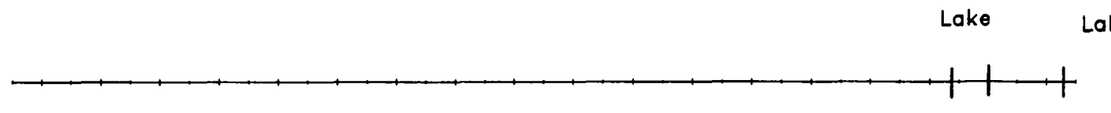
FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

Date: 96/04/10
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.





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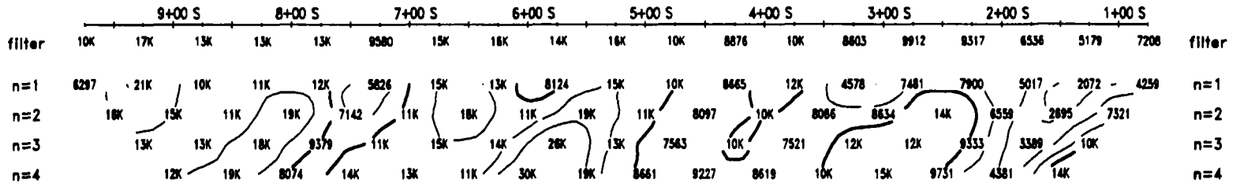
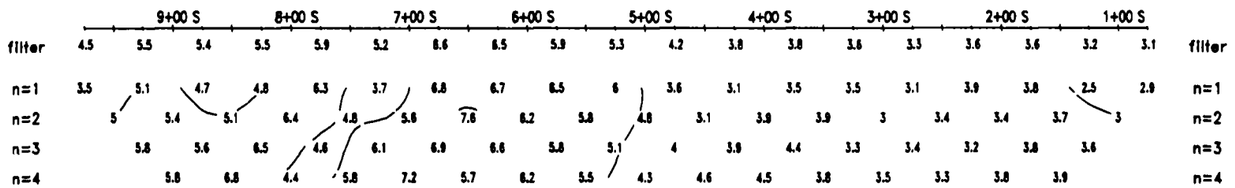
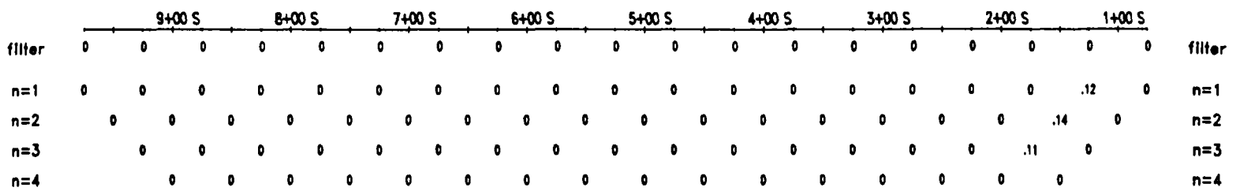


RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

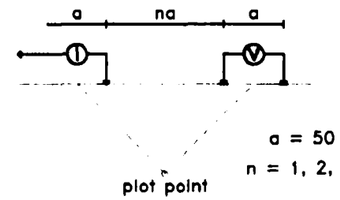
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 0

Pole-Dipole Array



Filtered Profiles

Resistivity
Polarization
Metal Factor

Filter

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

- Increase in polarization associated to a relative decrease in apparent resistivity.
- Increase in polarization with little or no associated decrease in apparent resistivity.
- Weak or poorly defined polarization anomaly,no resistivity signature.
- Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

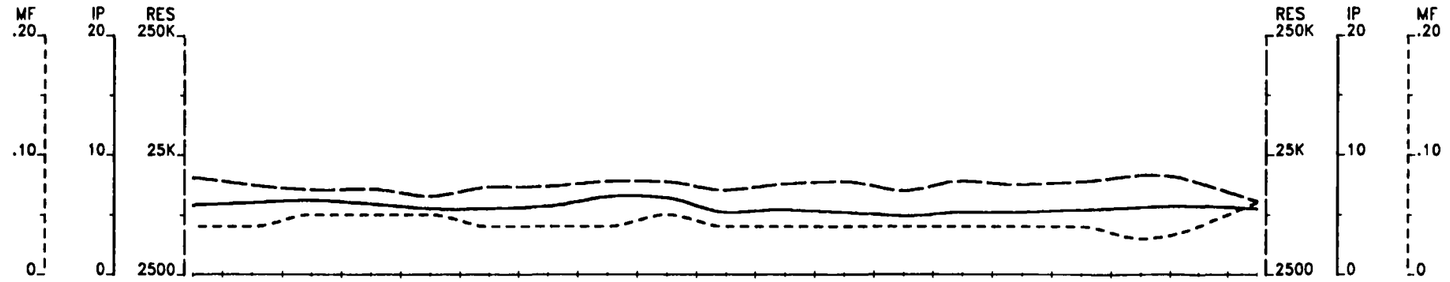
Induced Polarization Survey

FALCONBRIDGE LTD

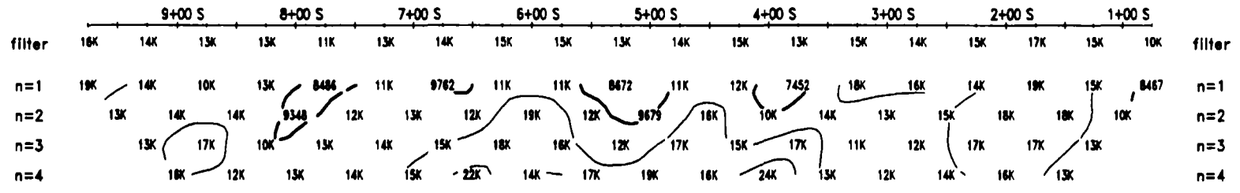
Wisner – Footwall Project
Wisner Township

Date: 96/04/10
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

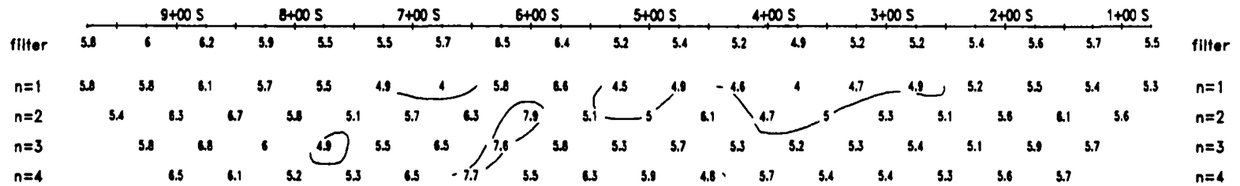
VAL D'OR SAGAX INC.



TOPOGRAPHY

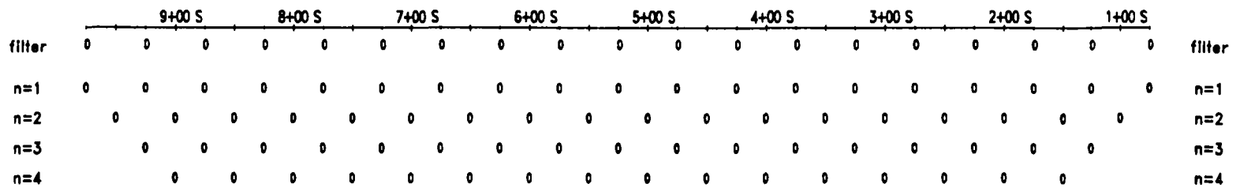


RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

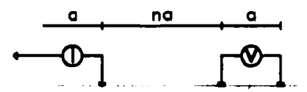
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 100 E

Pole-Dipole Array



Filtered Profiles

Resistivity
Polarization
Metal Factor

Filter

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

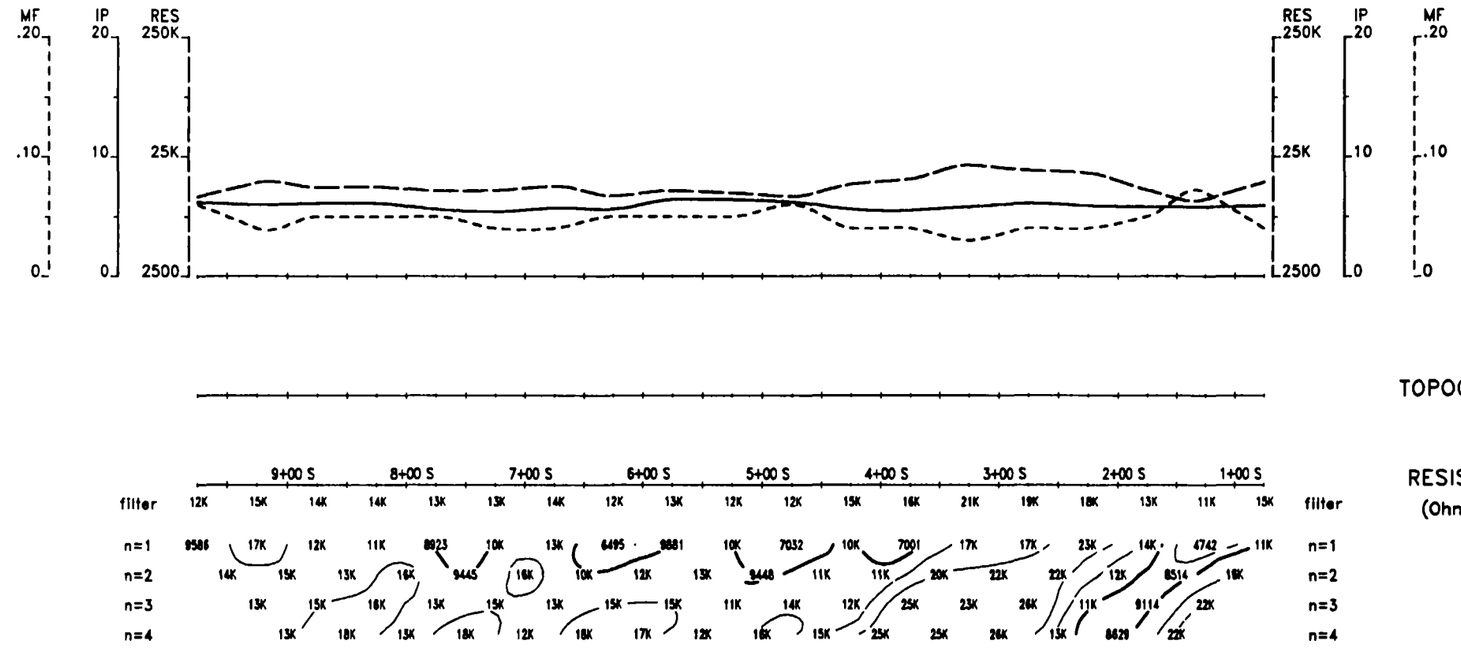
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

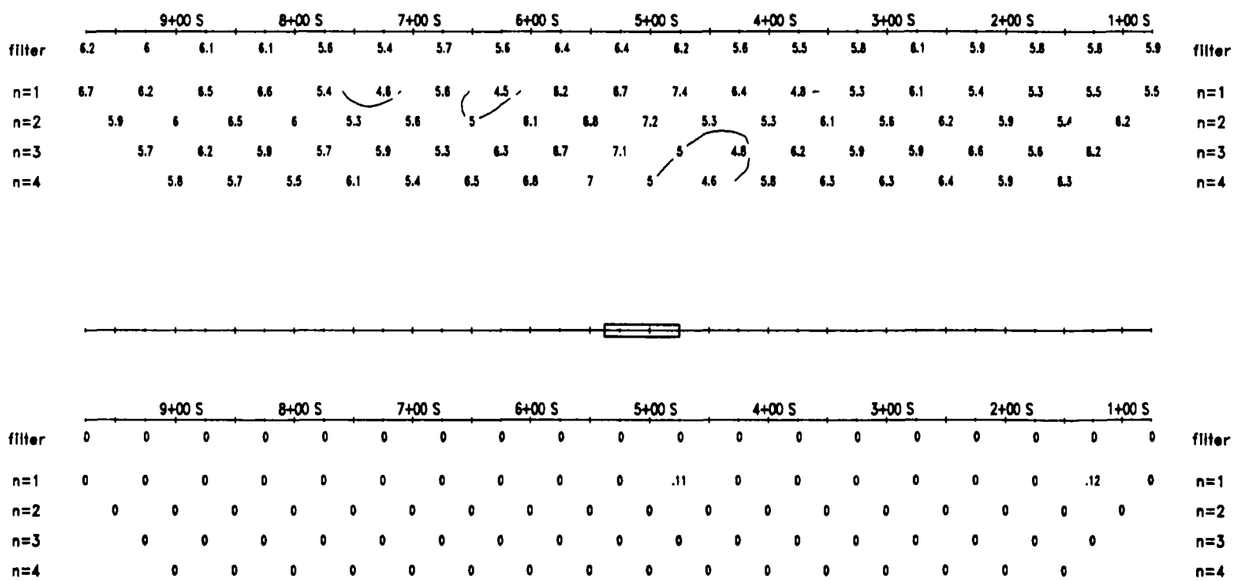
Date: 96/04/10
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



TOPOGRAPHY

RESISTIVITY
(Ohm * m)



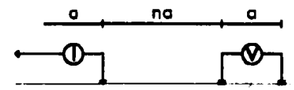
CHARGEABILITY
(mV/V)

INTERPRETATION

METAL FACTOR
(ip/res * 100)

Line 200 E

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
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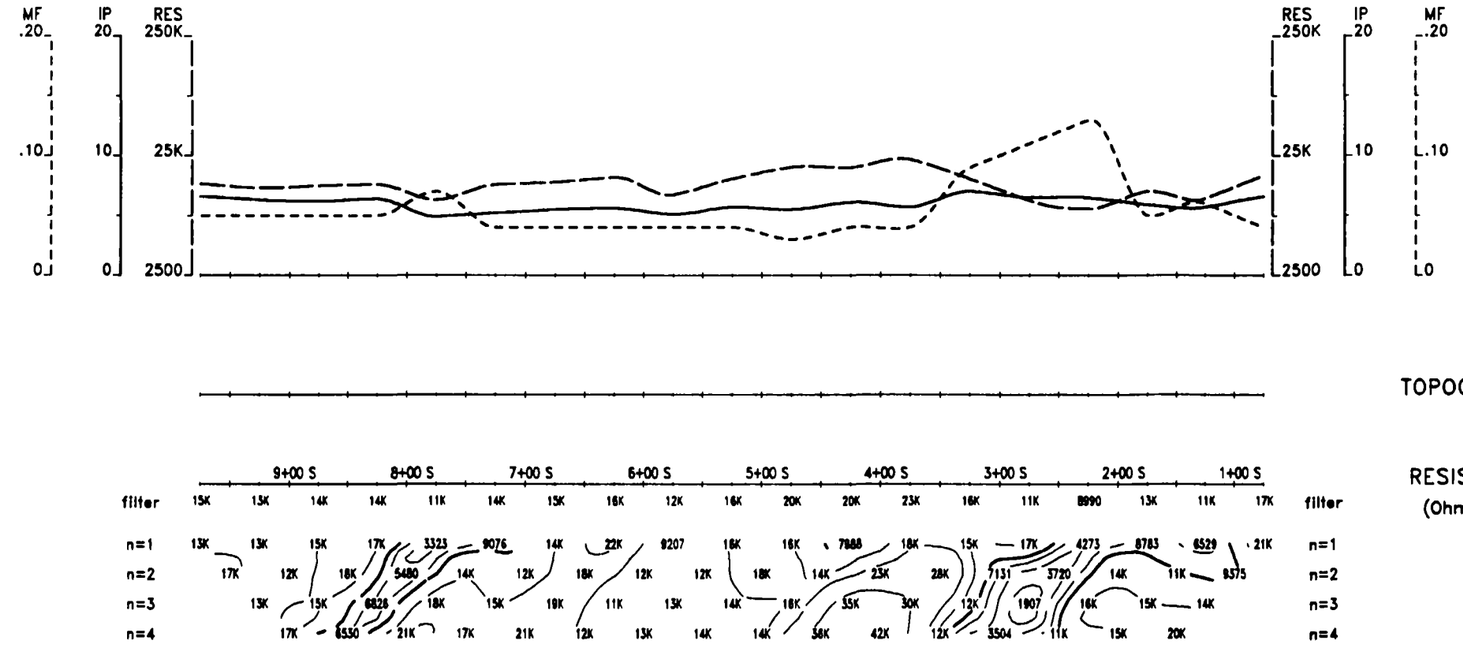
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

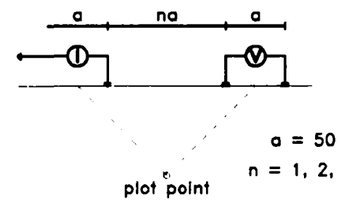
Date: 96/04/11
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



Line 300 E

Pole–Dipole Array



a = 50 M
n = 1, 2, 3, 4

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

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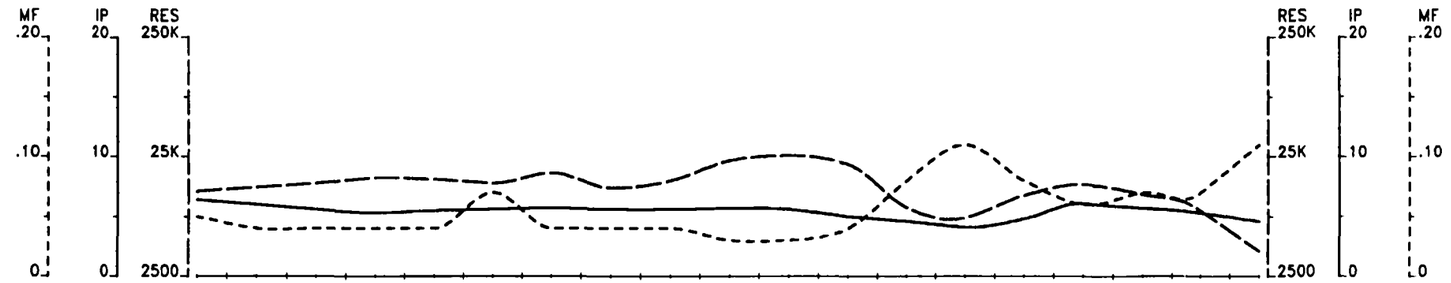
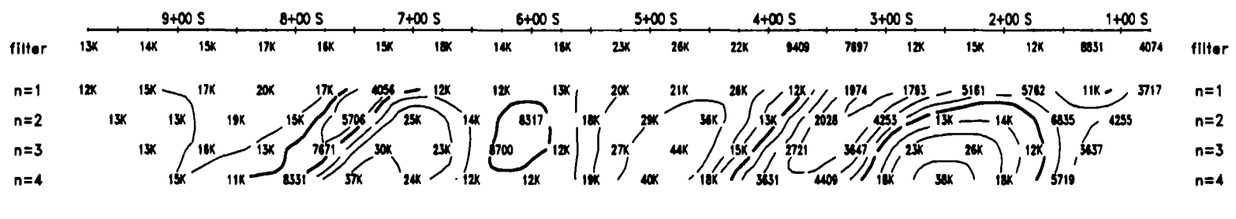
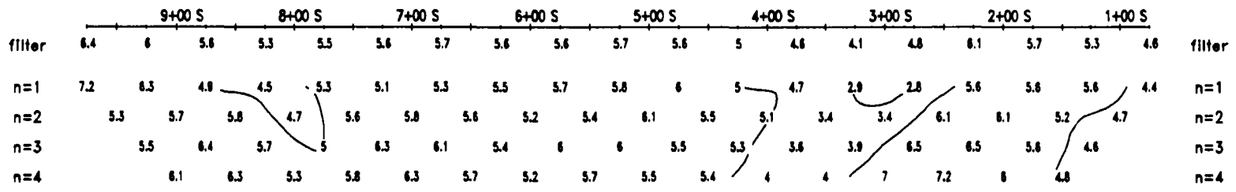


TOPOGRAPHY

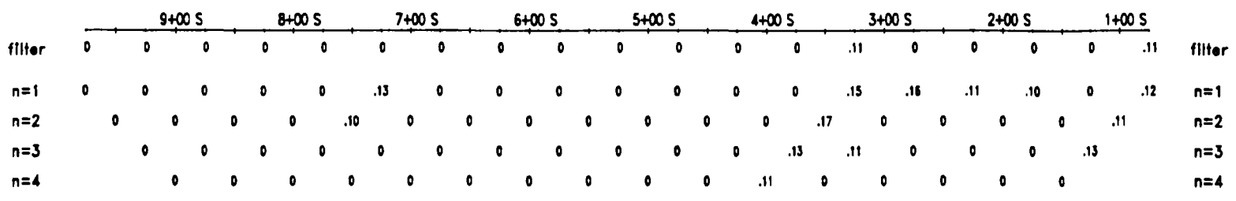


RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

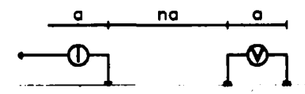
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 400 E

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

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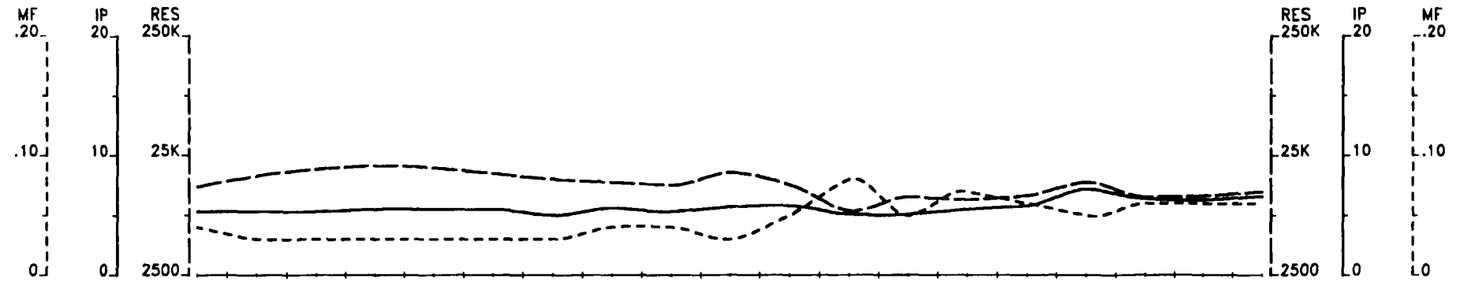
Induced Polarization Survey

FALCONBRIDGE LTD

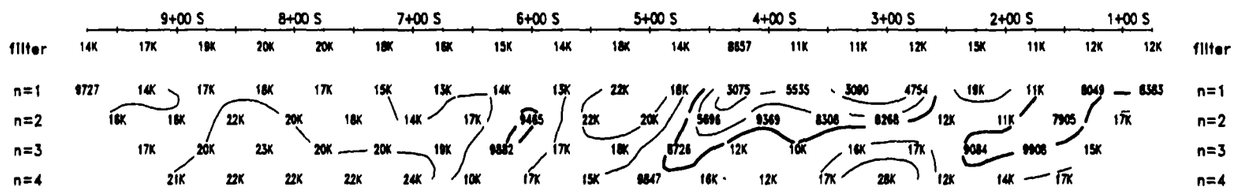
Wisner - Footwal Project
wisner Township

Date: 96/03/28
Interpretation by: P. Boileau, P.Eng.
Scale 1 : 5000

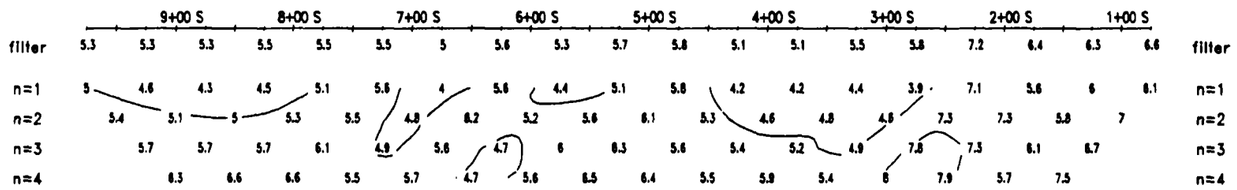
VAL D'OR SAGAX INC.



TOPOGRAPHY

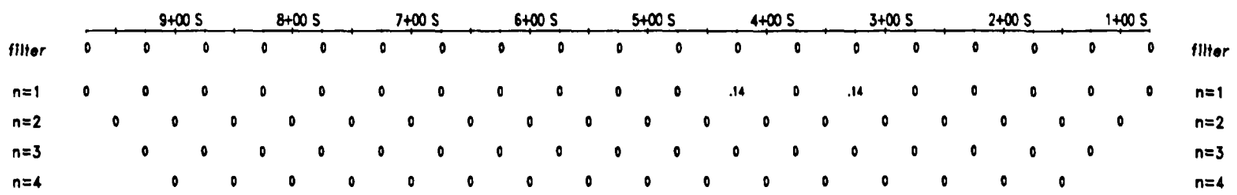


RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)

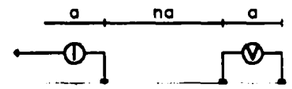
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 500 E

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

INTERPRETATION

Increase in polarization associated to a relative decrease in apparent resistivity.

Increase in polarization with little or no associated decrease in apparent resistivity.

Weak or poorly defined polarization anomaly,no resistivity signature.

Low resistivity feature.Bedrock valley or thick overburden.Structural causes?

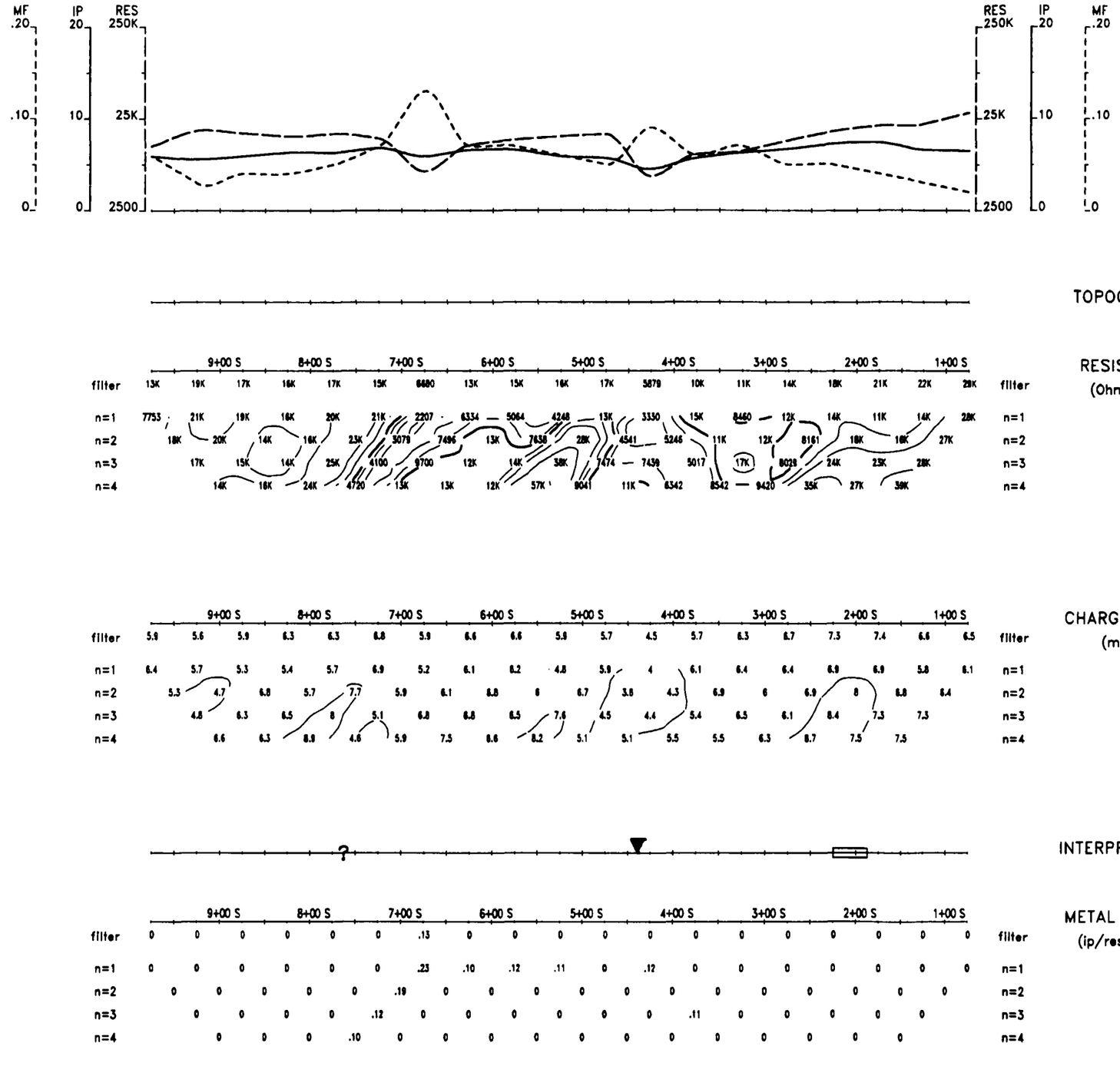
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

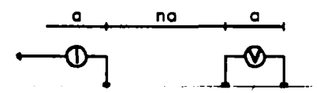
Date: 96/04/11
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



Line 600 E

Pole–Dipole Array



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plot point

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Filter

Resistivity
Polarization
Metal Factor

Logarithmic Contours
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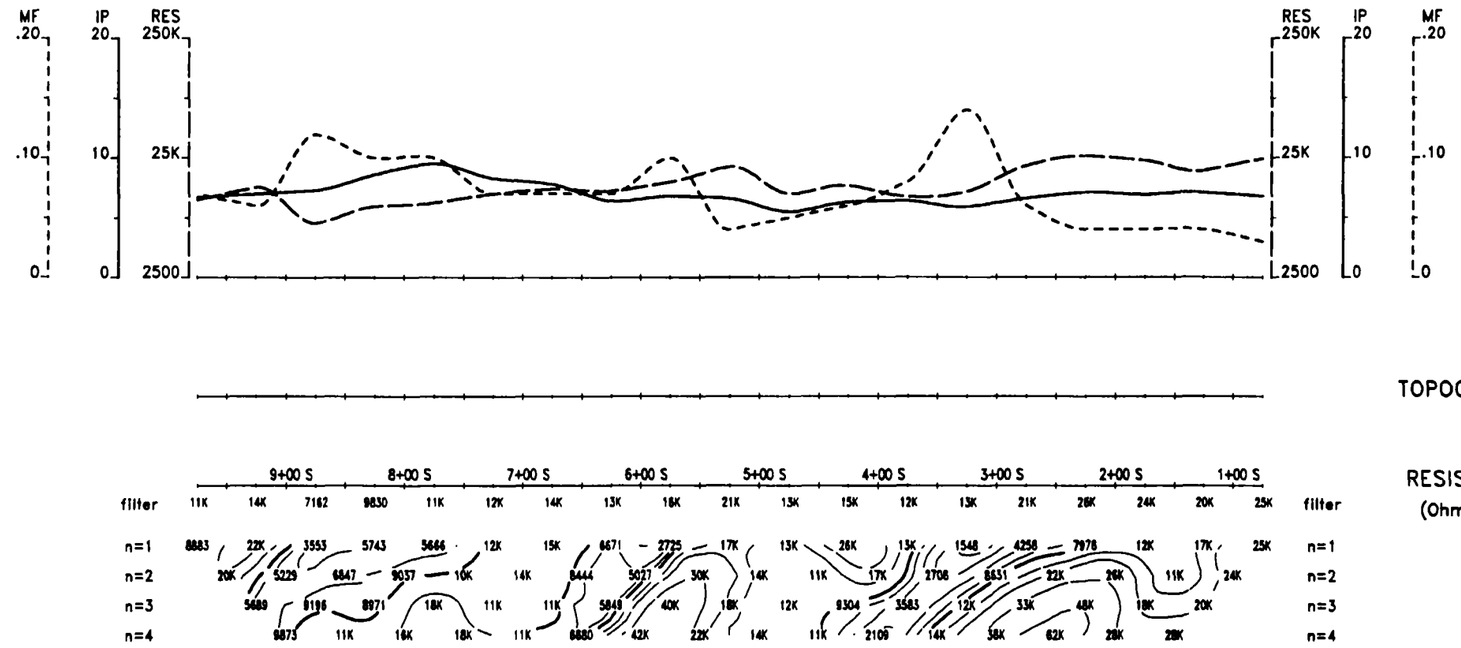
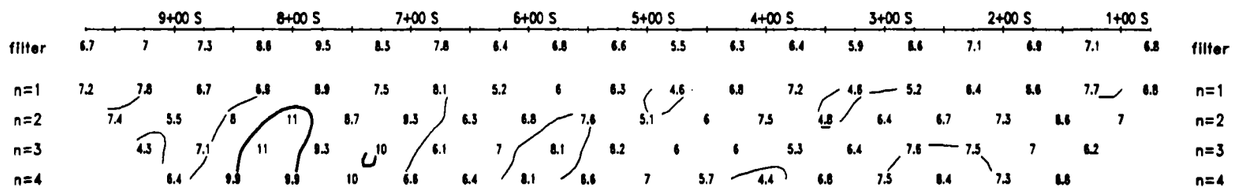
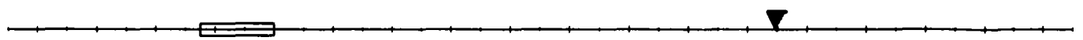


TOPOGRAPHY

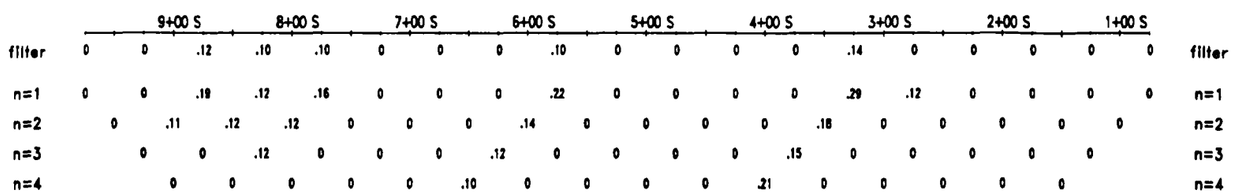
RESISTIVITY
(Ohm * m)



CHARGEABILITY
(mV/V)



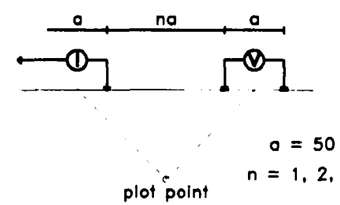
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 700 E

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4

Filtered Profiles

Resistivity
Polarization
Metal Factor

Filter

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

Instrument: PHOENIX IPT1,BRGM IP-6
Time cycle: 2 sec.
Operator: Gerry Shields

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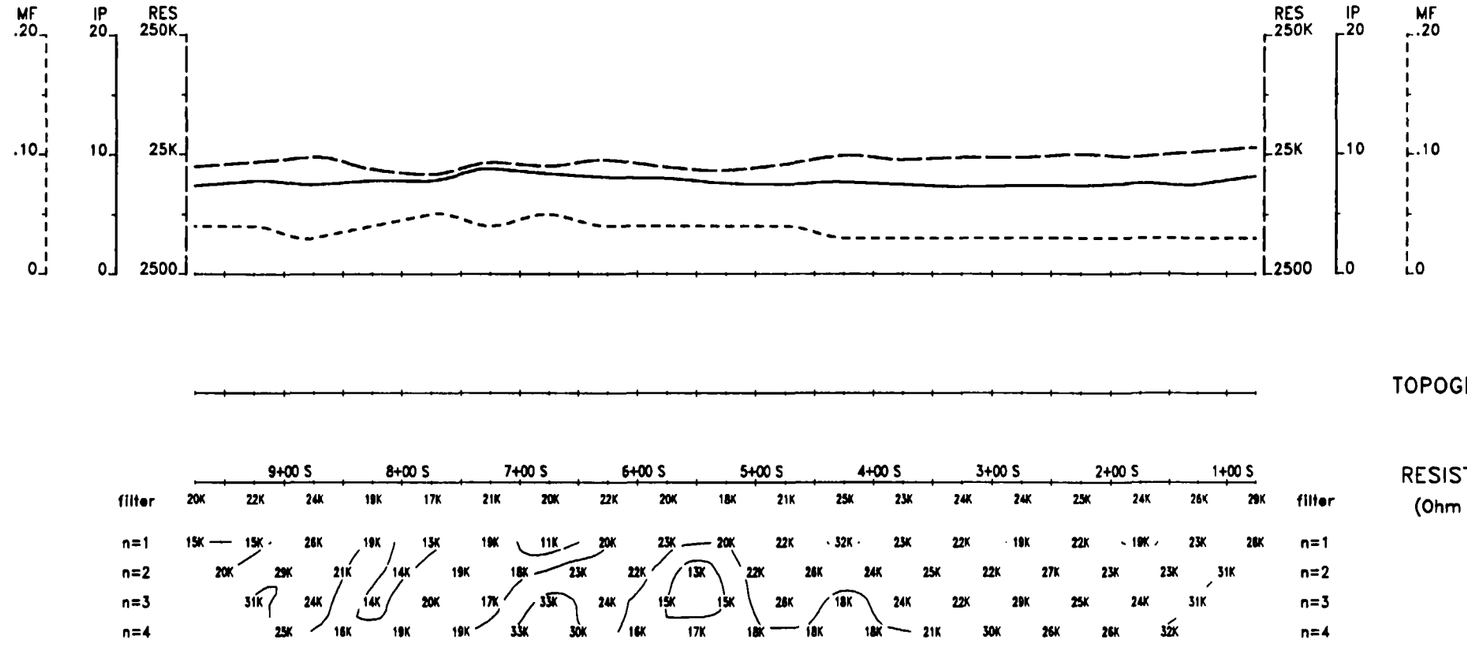
Induced Polarization Survey

FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

Date: 96/04/10
Interpretation by: P. Bolleau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.



TOPOGRAPHY

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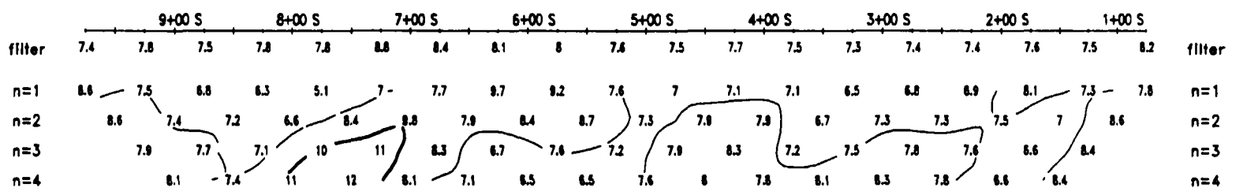
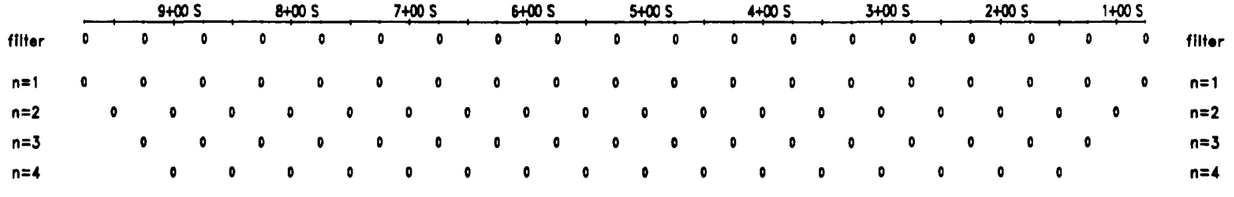
(Ohm * m)



CHARGEABILITY
(mV/V)

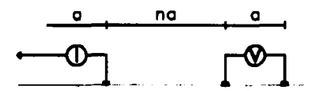
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 800 E

Pole-Dipole Array



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plot point

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Resistivity
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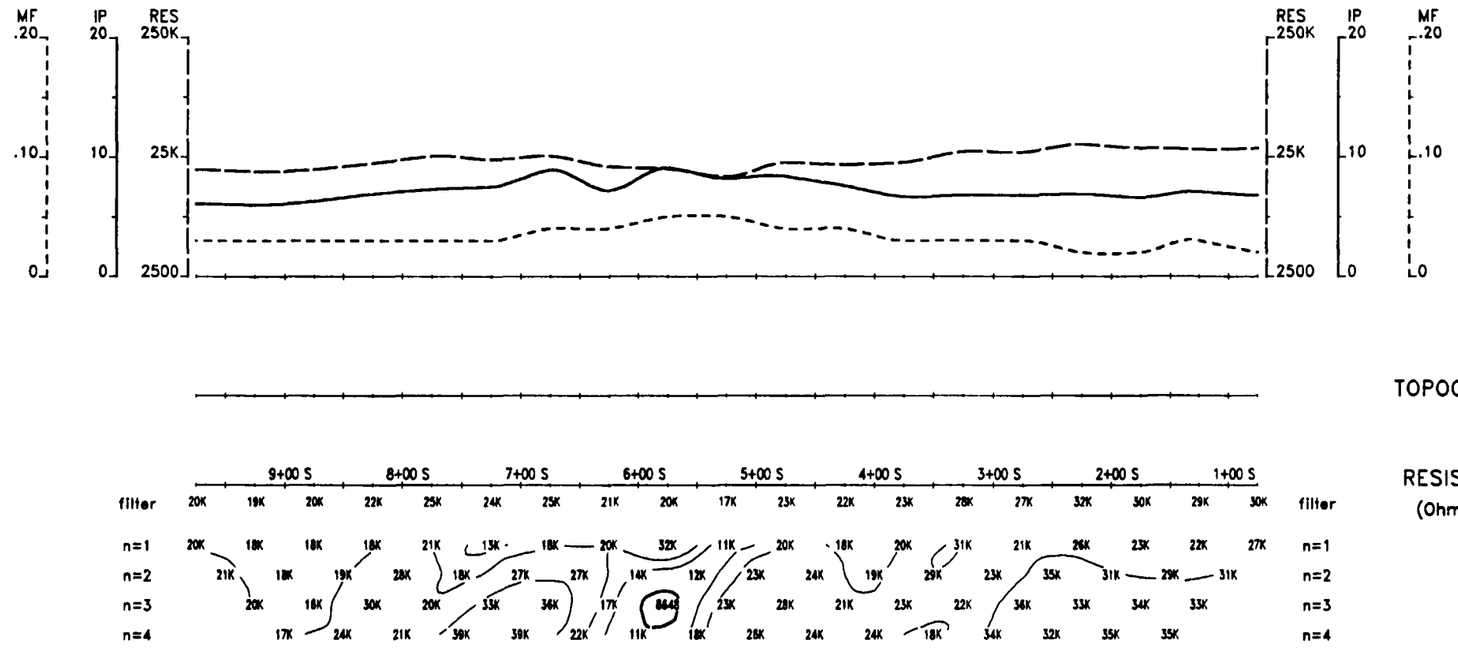

TOPOGRAPHY

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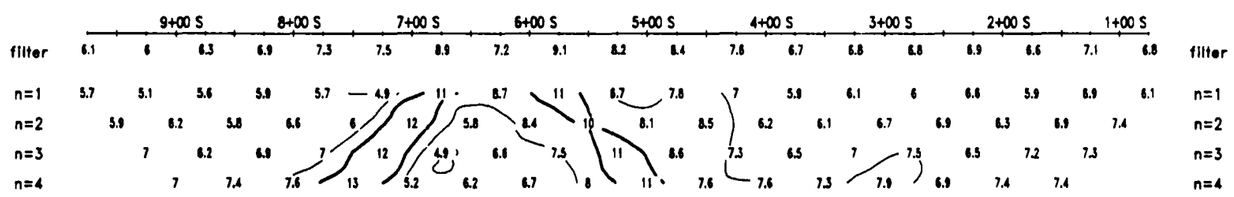
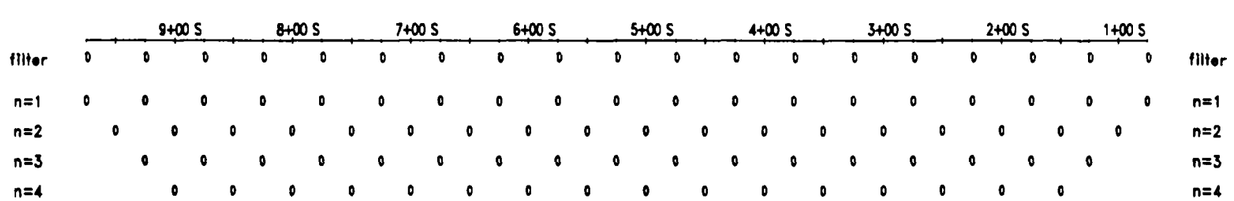
(Ohm * m)



CHARGEABILITY
(mV/V)

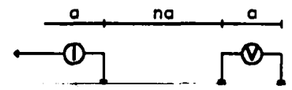
INTERPRETATION



METAL FACTOR
(ip/res * 100)

Line 900 E

Pole-Dipole Array



a = 50 M
n = 1, 2, 3, 4
plot point

Filtered Profiles

Filter

Resistivity
Polarization
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Wisner - Footwall Project
Wisner Township

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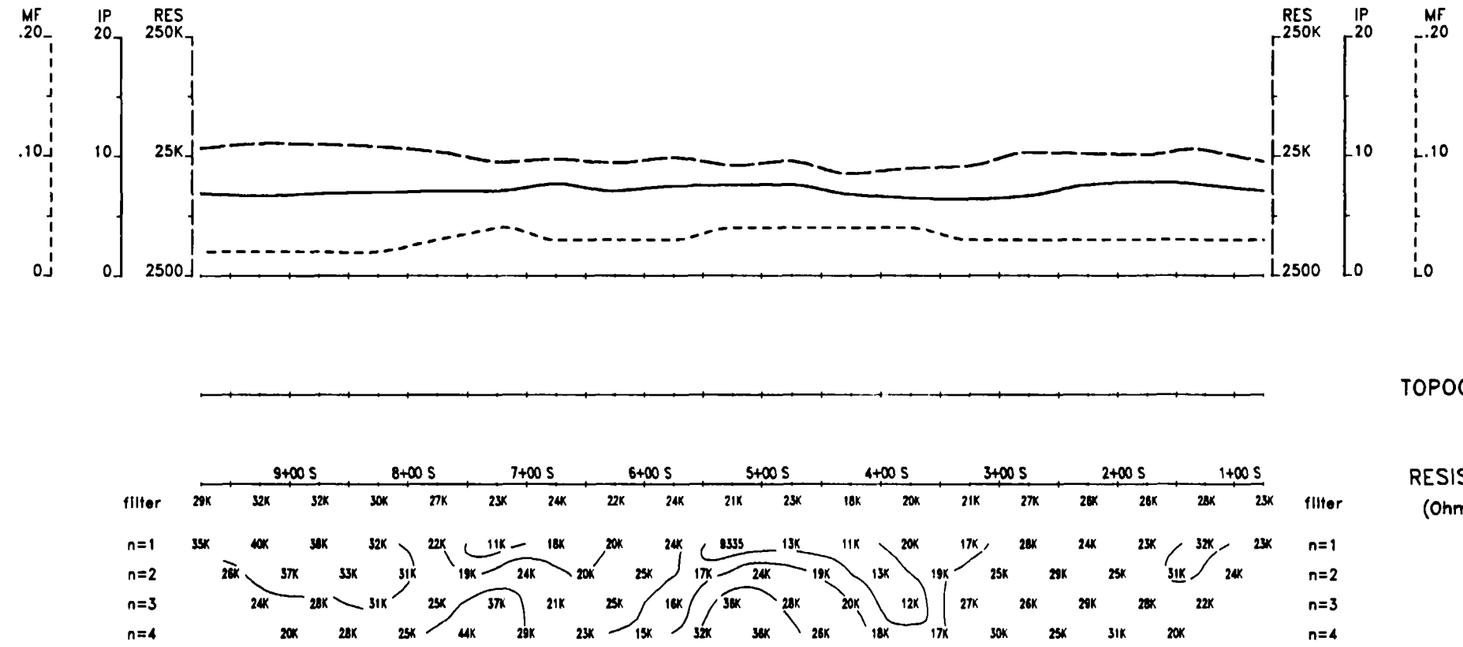

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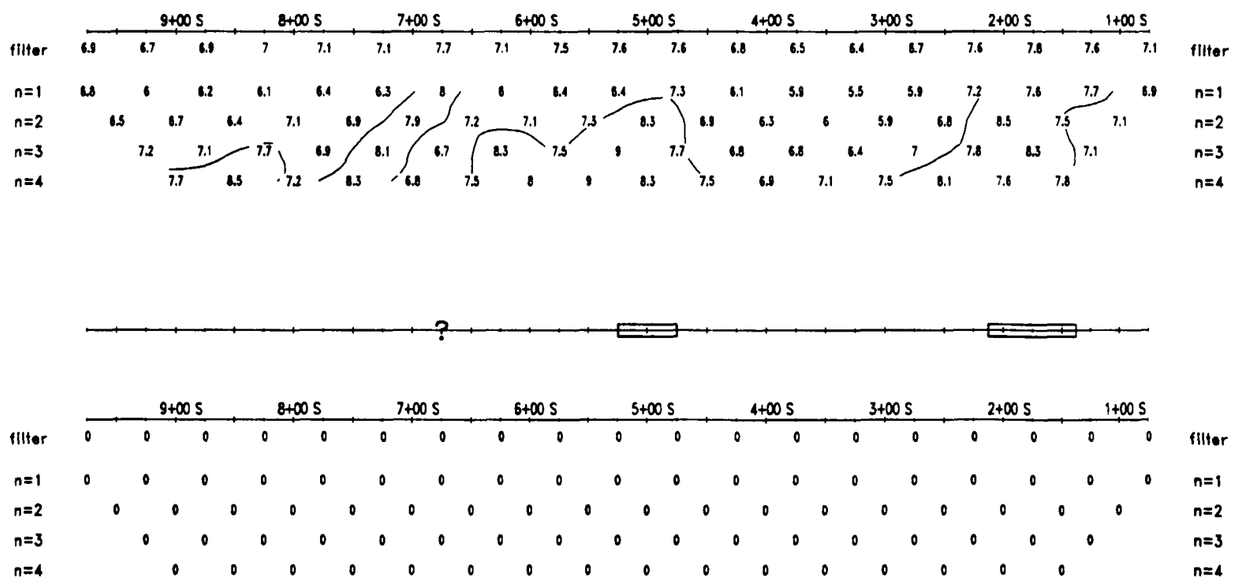


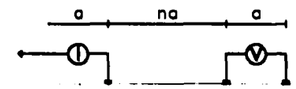
CHARGEABILITY
(mV/V)

INTERPRETATION

METAL FACTOR
(ip/res * 100)

Line 1000 E

Pole–Dipole Array



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plot point

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FALCONBRIDGE LTD

Wisner – Footwall Project
Wisner Township

Date: 96/04/10
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 5000

VAL D'OR SAGAX INC.

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: J9670.00095

Personal information collected on this form is obtained under the authority [illegible] this collection should be directed to the Provincial Manager, Mining Lar Sudbury, Ontario. P3E 6A5, telephone (705) 670-7264.

41I14SE0019 2 16607 WISNER

900

Instructions:
- Please type or print and submit in duplic
- Refer to the Mining Act and Regulations for requirements of [illegible] Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

2.16607

Recorded Holder(s): Falconbridge Limited Suite 1200		Client No. 130679
Address: 95 wellington st west, Toronto, ON. M5J 2V4		Telephone No. (705) 693-2761
Mining Division: Sudbury	Township/Area: Wisner / Foy	M or G Plan No.
Dates Work Performed — From: March 19 1996	To: April 05 1996	

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	
X	Physical Work, Including Drilling	Geophysics I.P. Dipole-Dipole.
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

RECEIVED
JUN 13 1996
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs $ 53,626.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
P. Boikan, D Lapointe	Val Dor Geophysics 50 Lamaque Barkvald
	Val D'Or Quebec J9P 2H6
Gregg Snyder	Falconbridge Exploration address above.

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work [illegible] recorded in the current holder's name or held under a beneficial interest by the current recorded holder.

Date: April 30/96

Recorded Holder or Agent (Signature):

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying: Gregg Snyder P.O. Box 40 Falconbridge, ON P0M 1S0

Telephone No.: (705) 693-2761 ext 3662 Date: April 30/96 Certified By (Signature):

For Office Use Only

Total Value Cr. Recorded:

Date Recorded:

Mining Recorder:

Deemed Approval Date: July 30/96

Date Notice for Amendments Sent:

Date Approved:

SUDBURY MINING DIV.
RECEIVED
MAY 1 1996
A.M. P.M.

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	984613	1	2126	1600		526
	984614	1	2060	1600		460
	984615	1	2060	1600		460
	984627	1	2060	1600		460
	984628	1	2060	1600		460
	984629	1	2060	1600		460
	984630	1	2060	1600		460
	984631	1	2060	1600		460
	984632	1	2060	1600		460
	984633	1	2060	1600		460
	984634	1	2060	1600		460
	984635	1	2060	1600		460
	984636	1	2060	1600		460
	984637	1	2060	1600		460
	984638	1	2060	1600		460
	984639	1	2060	1600		460
	984640	1	2060	1600		460
	Total Number of Claims: 17		Total Value Work Done: $35,0[illegible].00	Total Value Work Applied: $27,200.00	Total Assigned From:	Total Reserve: $7886.00

35,086.00

0241 (03/91)

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☑ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	984641	1	2060	1600		460
	984642	1	2060	1600		460
	984643	1	2060	1600	460	
	984644	1	2060	1600	460	
	984645	1	2060	1600	460	
	984646	1	2060	1600	460	
	993681	1	2060	1600	460	
	993682	1	2060	1600	460	
	993683	1	2060	1600	460	
	984625	1	0	800		
	984626	1	0	800		
*	984647 GS	1	0	800		
*	994137 GS	1	0	820		
	9 Total Number of Claims		$18,540.00 Total Value Work Done	$17,620.00 Total Value Work Applied	$3200 Total Assigned From	$920.00 Total Reserve

676-5681

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
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I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature [signature]	Date April 30/96

SUMMARY OF EXPENDITURES

Line Cutting

Line cutting@ $230.00km. * 51.2km $11,776.00

Senior Field Geologist
11 days @ $ 250/day . . . . . $ 2750.00
(including supervision/
report writing)

Geophysics
IP (dipole-dipole) @$850.00km * 46.00km $39,100.00

Total $53,626.00

2.16607

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

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

Telephone: (705) 670-5853
Fax: (705) 670-5863

July 25, 1996

Our File: 2.16607
Transaction #: W9670.00095

Mining Recorder
Ministry of Northern Development & Mines
933 Ramsey Lake Road, 3rd Floor
Sudbury, Ontario
P3E 6B5

Dear Mr. Denomme:

SUBJECT: APPROVAL OF ASSESSMENT WORK CREDIT ON MINING LAND, CLAIMS S.984613 ET AL IN WISNER & BOWELL TOWNSHIPS

Assessment work credit has been approved as outlined on the Declaration of Assessment Work Form accompanying this submission. The credit has been approved under Section 14, Geophysics (IP), of the Assessment Work Regulation.

The approval date is July 24, 1996.

If you have any questions regarding this correspondence, please contact Lucille Jerome at (705) 670-5858.

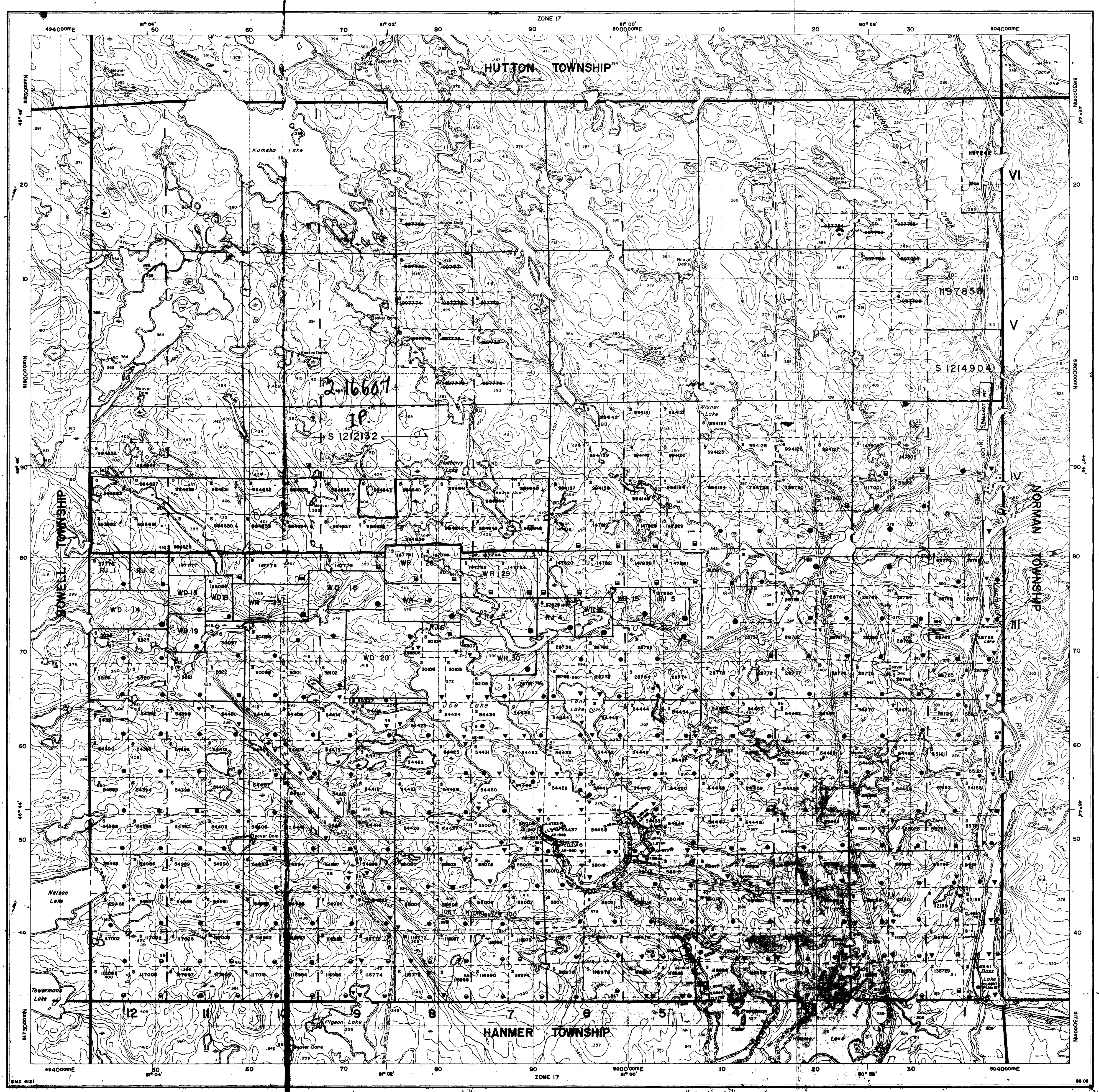
Yours sincerely,
ORIGINAL SIGNED BY:

Ron C. Gashinski
Senior Manager, Mining Lands Section
Mines and Minerals Division

LBJ/jf

cc: Resident Geologist
Sudbury, Ontario

✓ Assessment Files Library
Sudbury, Ontario



Ontario

Ministry of Natural Resources

Ministry of Northern Development and Mines

IN SERVICE APRIL 27 1989

INDEX TO LAND DISPOSITION

PLAN

G-4121

TOWNSHIP

WISNER

RECEIVED

M.N.R. ADMINISTRATIVE DISTRICT

SUDBURY

MINING DIVISION

SUDBURY

LAND TITLES/REGISTRY DIVISION

SUDBURY

2.16607

Scale 1:20 000

Metres 1000 0 1000 2000 Metres

Feet 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 Feet

Contour Interval 10 Metres

AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only

SRO - Surface Rights Only

M+S - Mining and Surface Rights

Description	Order No.	Date	Disposition	File

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

DATE OF ISSUE

JUN 11 1990

SUDBURY MINING RECORDER'S OFFICE

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.

Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

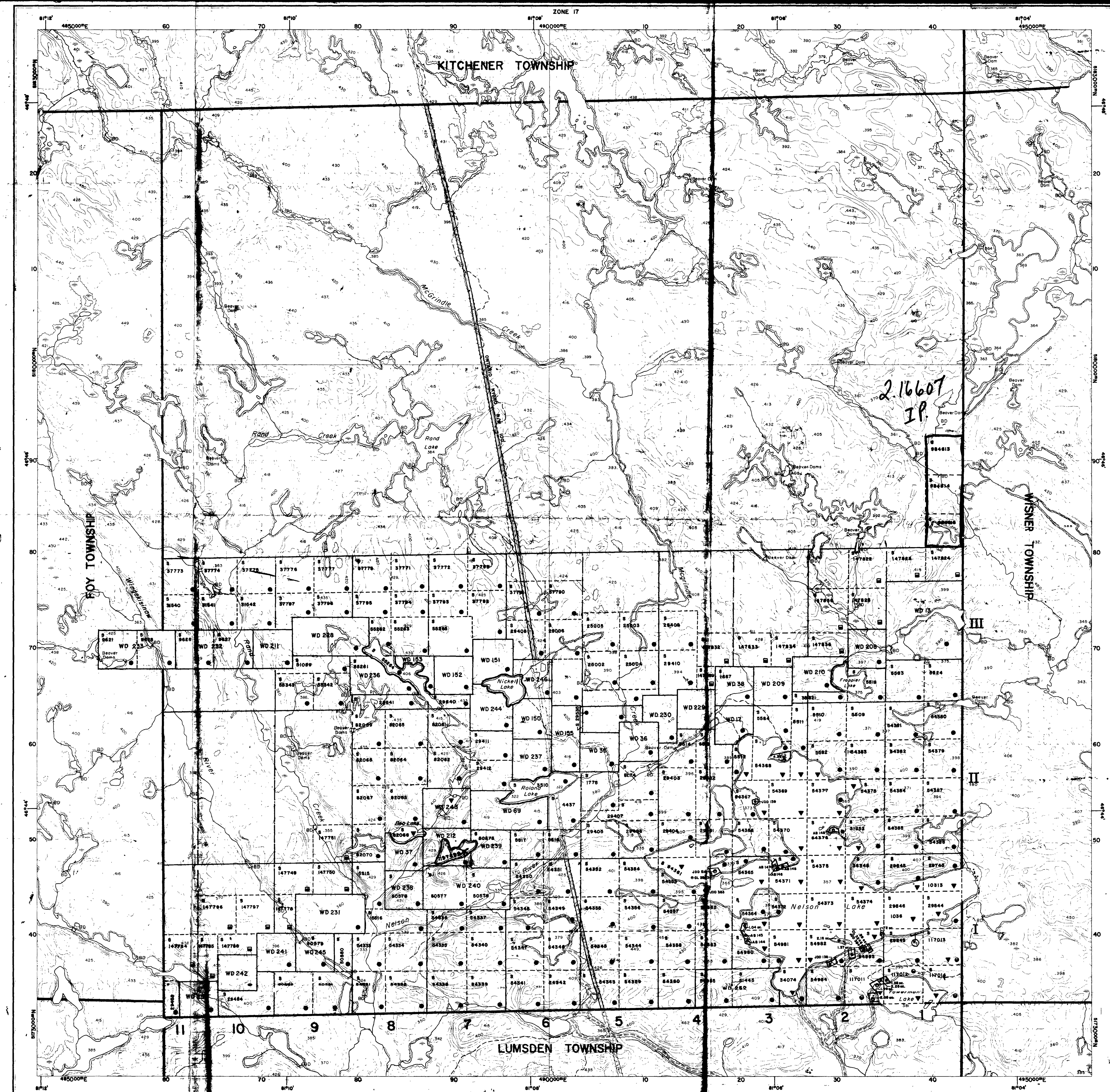
G-4121

WISNER TWP.

41I14SE0019 2.16607 WISNER

200

[redacted]



Ontario Ministry of Natural Resources | Ministry of Northern Development and Mines

IN SERVICE OCT.3/89.

INDEX TO LAND DISPOSITION

PLAN
G-4015

TOWNSHIP
BOWELL

M.N.R. ADMINISTRATIVE DISTRICT
SUDBURY

MINING DIVISION
SUDBURY

LAND TITLES/REGISTRY DIVISION
SUDBURY

Scale 1:20 000

Metres 1000 0 1000 2000 Metres

Feet 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 Feet

Contour Interval 10 Metres

AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
SRO - Surface Rights Only
M + S - Mining and Surface Rights

Description	Order No.	Date	Disposition	File
(R) PUBLIC BEACH		1/6/83	S.R.O.	

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

DATE OF ISSUE
JUL 24 1996
SUDBURY
MINING RECORDER'S OFFICE

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

NOTES

NO DOCUMENTATION ON RECORD TO SUPPORT L.O. AS SHOWN ON W.D.212 - JUNE 14/94

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.

Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

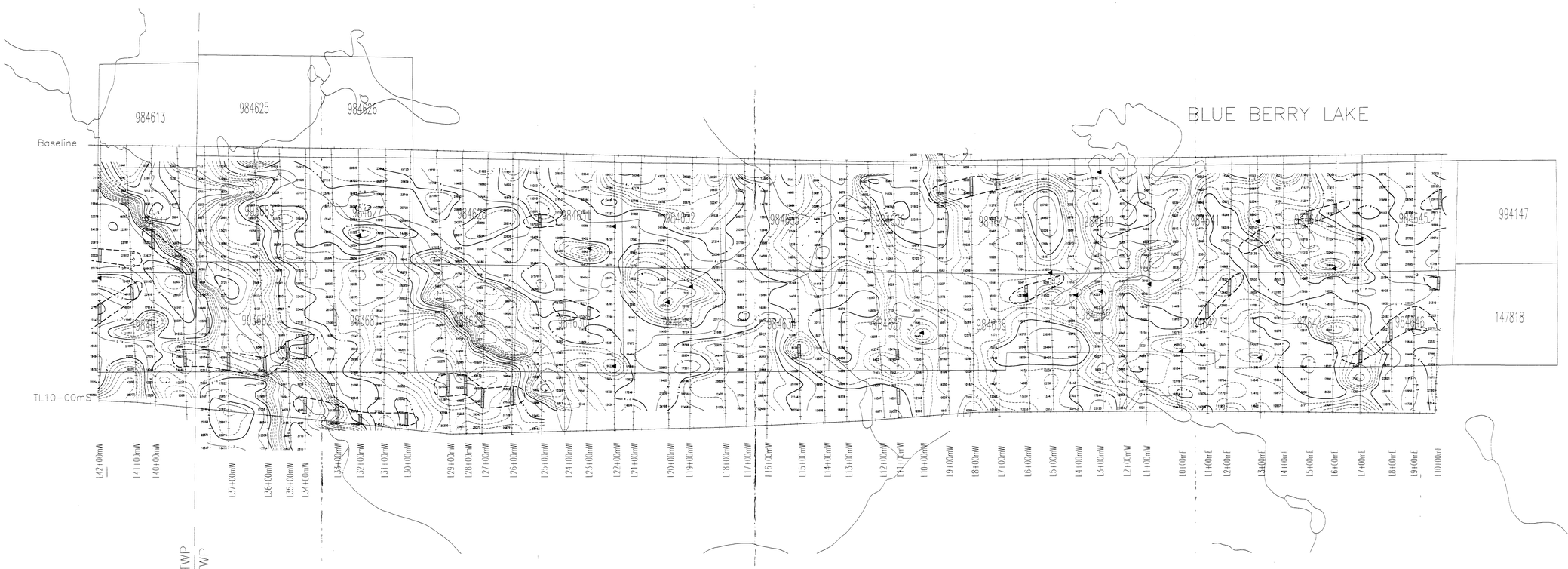
The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

4015

BOWELL TOWNSHIP

G-4015

210



SHEET ORIENTED UTM NORTH

LEGEND

INTERPRETATION

Unit of higher polarization associated with a relative decrease in the apparent resistivity. Well-connected, conductive metallic minerals. Stringer sulfides in a strongly sheared structure.

Unit of higher polarization with little or no associated decrease of the apparent resistivity. Stringer or disseminated, poorly conductive metallic minerals. Massive magnetite. Micaceous minerals.

Weak or poorly defined polarization anomaly with no apparent signature of resistivity. Thin, discontinuous veins of metallic minerals. Magnetite, clay or micaceous minerals.

High resistivity feature. Bedrock ridge, thinner overburden, high resistivity unit.

Low resistivity feature. Bedrock valley, thicker overburden, low resistivity unit. Possible tectonic or structural causes.

GENERAL

Interpreted shear zone.

Interpreted fault.

CONTOUR INTERVALS (Ohm * metre)

Logarithmic contours:

0.05 10,11.2,12.5,14.1,16,18,20,22 ..
0.1 10, 12.5, 16, 20, 25, 32, 40 ..
0.5 10, 32, 100, 320, 1000 ..

Electrode array: Pole-dipole
a = 50 m n = 1,2,3,4

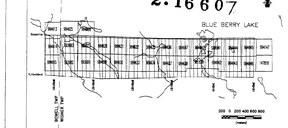
Instrument: PHOENIX IP71, 880M IP-6
Time cycle: 2 sec.

RECEIVED
JUN 13 1996
MINING LANDS BRANCH

SCALE 1 : 5 000

100 0 100 200 300 400
(meters)

2.16607



FALCONBRIDGE EXPLORATION
FALCONBRIDGE, ONTARIO.

WISNER – FOOTWALL PROJECT

INDUCED POLARIZATION SURVEY

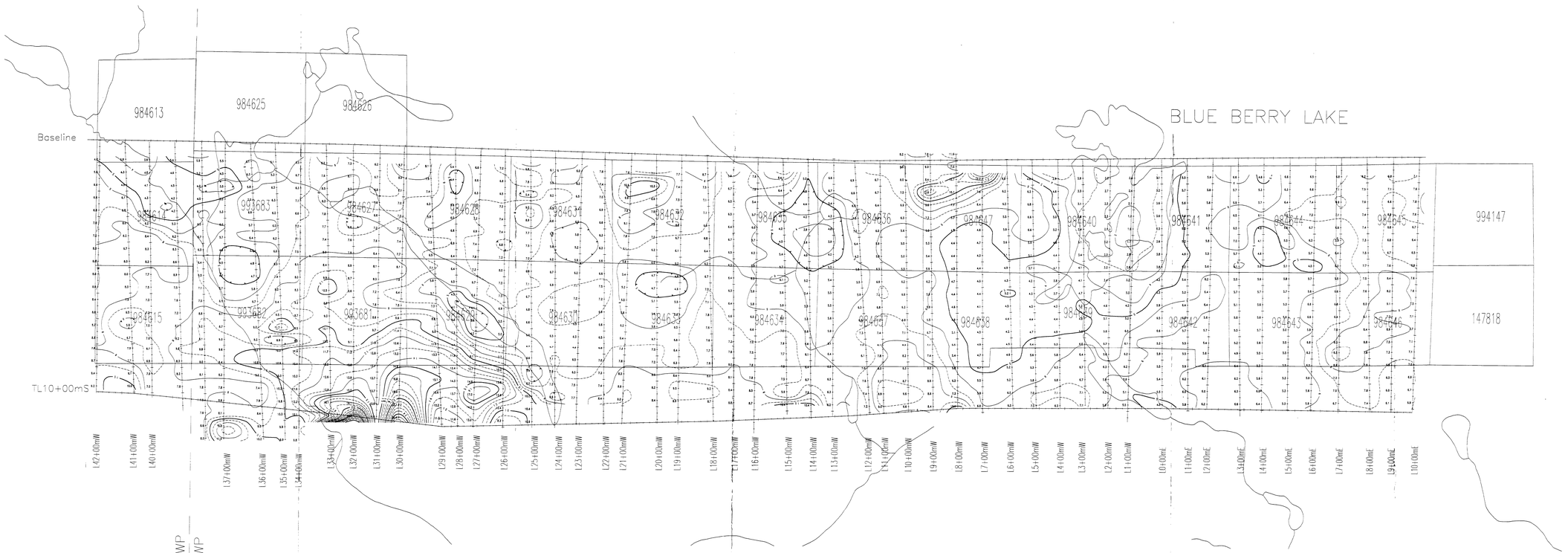
RESISTIVITY CONTOURS (FILTRE)

Interpreted by: P. Boileau, P.Eng. Date: 04/96

Scale 1 : 5 000

Drawing no: 96-002-4.2

VAL D'OR SAGAX INC.



SHEET ORIENTED UTM NORTH

LEGEND

CONTOUR INTERVALS (mV/V)

Linear contours:

- 1
- 2
- 5

Electrode array: Pole–dipole
a = 50 m n = 1,2,3,4

Instrument: PHOENIX IP11, 8ROW IP-6

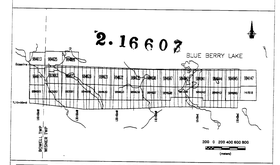
Time cycle: 2 sec.

RECEIVED
JUN 13 1996
MINING LANDS BRANCH

SCALE 1 : 5 000

100 0 100 200 300 400
(meters)

2.16607



FALCONBRIDGE EXPLORATION
FALCONBRIDGE, ONTARIO.

WISNER – FOOTWALL PROJECT

INDUCED POLARIZATION SURVEY

CHARGEABILITY CONTOURS (FILTRE)

Interpreted by: P. Boileau, P.Eng.	Date: 04/96
Scale 1 : 5 000	VAL D'OR SAGAX INC.
Drawing no: 96-002-4.3	