2.30324

GROUND GEOPHYSICAL SURVEYS
(VLF-EM and Induced Polarisation)

executed on the

TECK PROJECT – NE GRID

Teck and Grenfell Twps
Northeastern Ontario
(NTS 32 D/04)

on behalf of
HINTERLAND METALS INC.

April 2005

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GEOSCIENCE ASSESSMENT OFFICE

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SUMMARY

In December 2004 and January 2005, ground geophysical surveys (VLF-EM and I.P.) were conducted, at the request of Hinterland Metals, on the Teck Project located in Teck and Grenfell townships, Northeastern Ontario. In total, 52.375 line-km of VLF-EM survey and 16.350 dipole-dipole array Phase IP survey was completed during this period.

Several EM conductors of various nature were detected by the VLF survey while 12 distinct anomalous zones were delineated by the IP survey inside a rather highly resistive (sub-outcropping) ground. At least six zones (1, 2, 3, 4, 6 and 12) present moderate to strong responses which could possibly be caused by disseminated to semi-massive and massive mineralization.

Recommendations for further work consist of detail geological mapping, of complementary IP profiles followed by drilling to test all zones of interest.

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L –3000E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3100E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3200E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3300E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3400E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3500E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3600E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3700E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3800E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –4100E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –4200E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –4300E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –4400E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –4500E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500

1. INTRODUCTION

This report presents the results of ground geophysical surveys (VLF-EM and I.P.) executed in December 20004 and January 2005 for **Hinterland Metals Inc.** on the NE Grid of the Teck Project, located in Teck and Grenfell Twps, Kirkland Lake district, Northeastern Ontario.

The surveys were carried out in the search of disseminated to semi-massive sulphide-rich zones or structures as favourable hosts for precious metals.

2. PROPERTY, LOCATION AND ACCESS

The property is located about 9 km W.SW of the town of Kirkland Lake and about 80 km west of Rouyn-Noranda (Québec), in Teck and Grenfell Townships, Northeastern Ontario (NTS 32 D/04, figure 1).

Access to the property is easy from Kirkland Lake to the W.SW via provincial road 66 for about 8 km, and then along secondary roads and trails.

The property consists of a block of claims owned by Hinterland Metals and registered with the Ministry of Northern Development and Mines of Ontario. The claims covered by the present survey are shown on figure 2 and on the survey maps.

3. WORK DONE

From January 29 to February 6, 2005, an induced polarisation and resistivity survey was carried out by Rémy Bélanger Enr. of Rouyn-Noranda, Quebec, for Hinterland Metals Inc., on the NE grid of the Teck project, Northeastern Ontario. Previously, a VLF-EM survey was also carried out from December 15, 2004 to January 13, 2005 by D. Ferderber of Val-d'Or on the same property.

In total, 52.375 km of VLF-EM survey and 16.350 line-km of dipole-dipole Phase IP survey were executed on the property during this period.

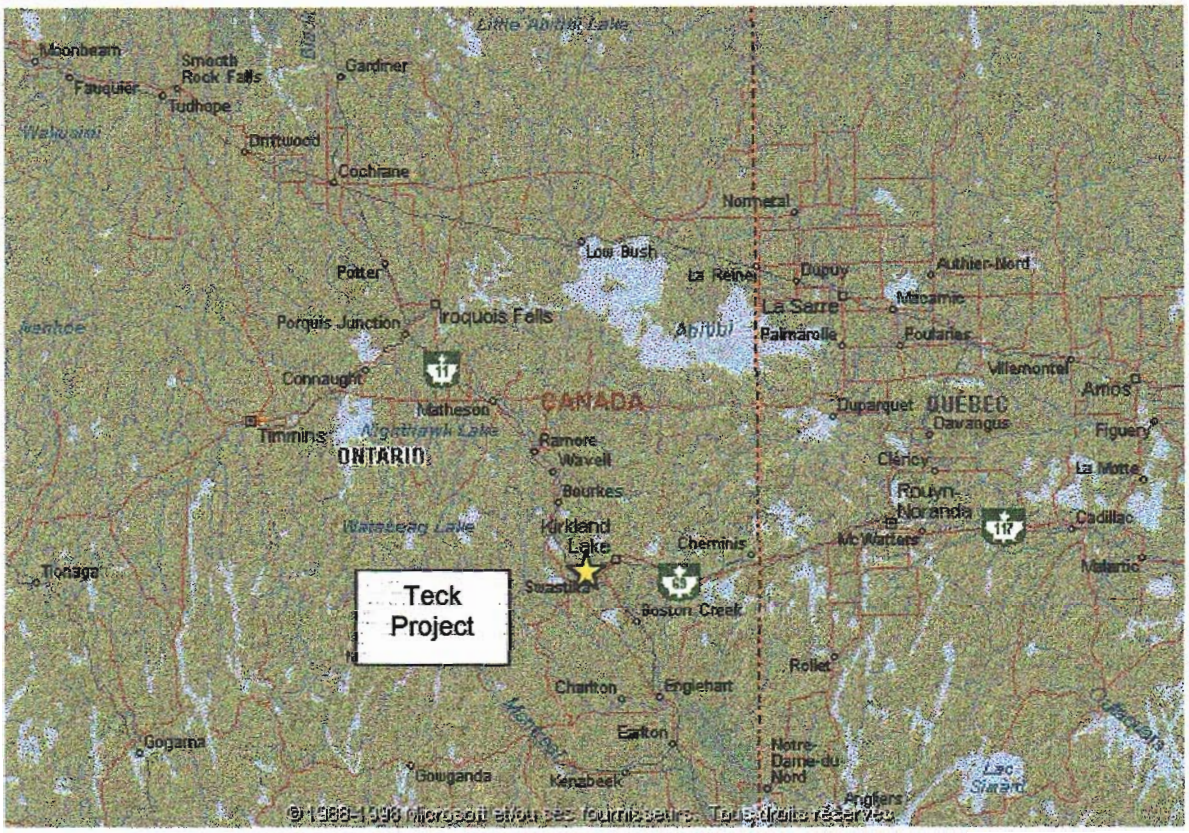


Figure 1 : General location

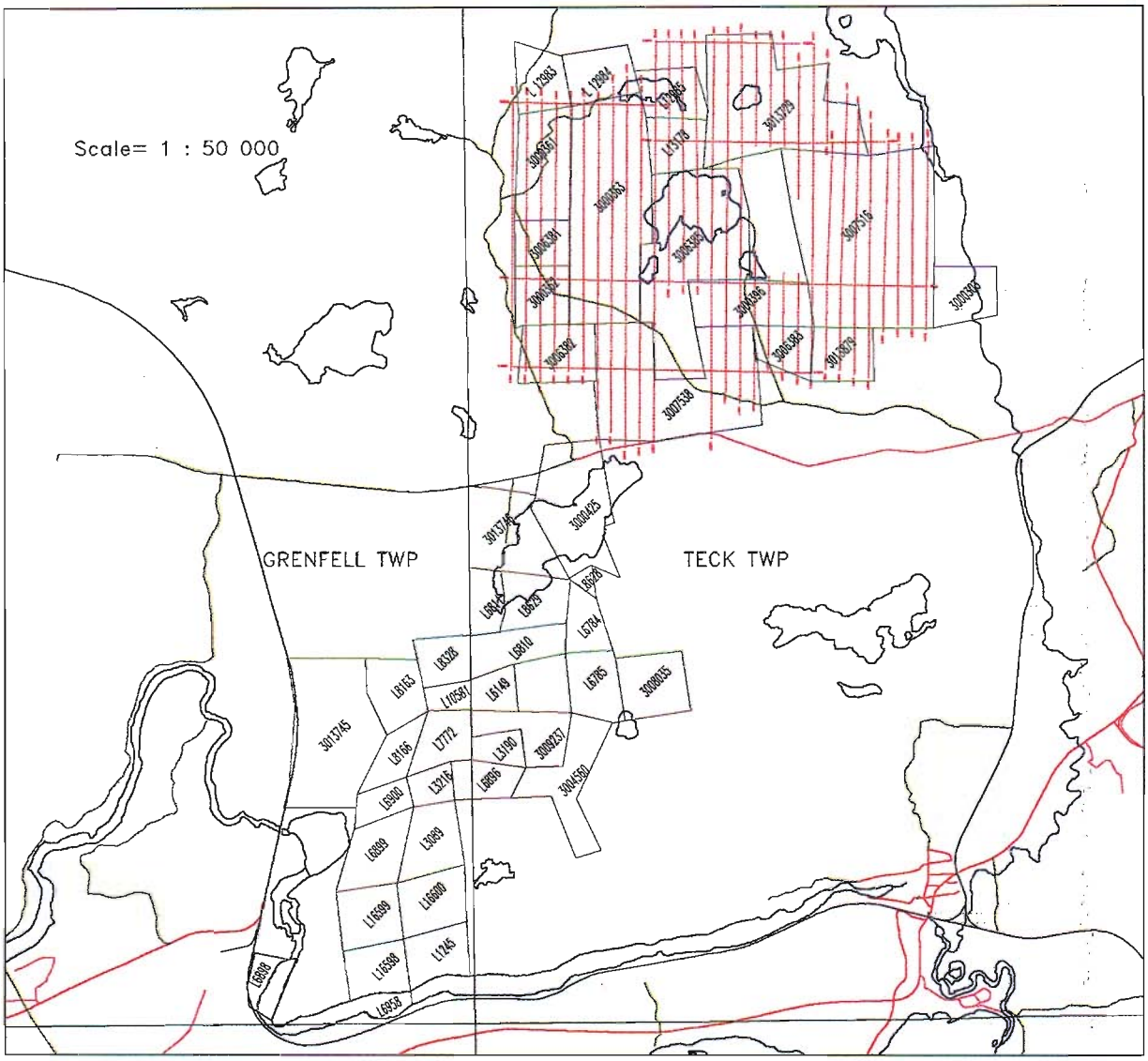


Figure 2 : Index of claims and survey location

4. TECHNICAL SPECIFICATIONS OF THE SURVEYS

The surveys were executed on a N-S oriented grid of lines cut previous to the surveys. The lines, cut at a 100 m interval, were chained and marked every 25 m. Their deviations were controlled by means of tie-lines and their position verified with a GPS (UTM – NAD 83 – Zone 17)

The VLF-EM survey was executed with a Geonics EM-16 instrument. Readings of the In-phase and Out-of-phase components were taken systematically every 25 m along the lines with a precision of 1 % using the NAA transmitting station (Cuttler, Maine, 24,0 kHz).

The Induced Polarization and Resistivity survey was carried out with a V5 Phase receiver and with an IPT-1 transmitter (2 kW) both manufactured by Phoenix Geophysics. The V-5 receiver measures, at a frequency of 1.0 Hz, the phase-shift (IP effect, in milliRadians) between the transmitted current in the ground and the received voltage.

A dipole-dipole array was used with a voltage measuring dipole of 25 m and a separation factor n = 1 to 6 between the current dipole and the voltage dipole. The primary Voltage (Vp) and the Phase values were measured with a precision of 0.01 mV and of 0.01 mRadians, respectively.

5. RESULTS AND INTERPRETATION

Airborne Magnetic Survey

In order to present a magnetic image of the rock formations of the property and help interpreting the recent IP and VLF-EM surveys, a vertical gradient magnetic map was produced. The data shown on map 1.2NE originates from a public high-resolution heliborne survey flown for the government of Ontario (Kirkland Lake – Larder Lake Area – data set 1053 B) and from the OTH Kirkland Lake airborne survey (Data set 1102). The data of both surveys was windowed, re-gridded and merged to cover the area of interest. The interpreted IP anomalous zones and VLF conductor axes are also shown on this map.

In general, the magnetic relief of the studied area is moderate to flat, except in the east central part of the property where a narrow zone of strong magnetic high traverses the grid following an E-W orientation (diorite-gabbro sills ?). Elsewhere, the magnetic relief appears flatter with a few rather isolated highs and several NE-SW to E-W axes of weaker highs. The sudden brakes noticed along the principal magnetic axes also suggest the presence of structural features of various orientations.

VLF-EM Survey

The results of the survey are shown on the profile map (2.1NE) and on the Fraser contours map (2.2NE).

The survey outlined several conductors or conductive zones which show, due to the direction of the transmitting station (east), a general E-W orientation. Represented by a red broken line on the profile map, they coincide mostly with the conductive zones present on the calculated Fraser filter contour map. The best conductors, which are susceptible to be produced by bedrock mineralisation, are usually characterised by sharp, symmetrical short-wavelength "cross-over" responses. A few conductors of this type were outlined mainly in the NE part of the survey (3100N and 3600N), in the NW part (2900N) and in the SE part (1550N). As for the other conductors, they present less defined responses and could be explained by weaker mineralisation, conductive structure (shear-zone, fault), but also possibly by conductive overburden

Induced Polarisation Survey

The results of the survey are presented on the 14 interpreted individual pseudo-sections, in Appendix. They are also summarised on the apparent resistivity contour map (4.1NE) and on the apparent phase contour map (4.2NE), which also show the interpreted anomalous zones. The data compiled from a previous IP survey executed by Kinross Gold on the area is also shown on the maps (Lambert 1998)

The apparent resistivities measured on the property are rather high, in general, with values ranging from 5 000 to 50 000 ohm.m, where the rock comes close to the surface, except in the northern part of the survey (33+00N to 34+00N) where the overburden thickness is more important (lake). The sharp narrow E-W oriented zones of strong resistivity lows, which usually coincide with VLF-EM conductor axes, are likely due to bedrock conductors (sulphides, graphite).

On the other hand, the phase background values vary from 8 to 10 mradians in areas of very high resistivities (rock), to near 0 mradians in lower resistivity areas (overburden) .

The survey outlined several anomalous responses often characterised by moderate to strong phase values associated in many places with strong resistivity decreases. These responses seem to also correlate from line to line, following the general trends suggested by the airborne magnetic survey, to constitute several anomalous zones which were numbered from 1 to 12.

The following table presents the principal physical characteristics of each zone:

Anomalous zone no	Length (metre)	Resistivity	Polarisation Phase (mRad.)	Magnetic Assoc.	Best line Comments
1	500 +	Strong decrease (VLF conductor)	30 - 50	Locally close	L-3300E to L-3800E Massive mineral. (Sulph., Gp.) Sub-outcropping ?
2	800 +	Strong decrease (VLF conductor)	30 - 50	Low	L-3200E to L-3800E Massive mineral. (Sulph., Gp.) Sub-outcropping ?
3	200 (+)	Locally strong decrease (VLF conductor)	20	Low	L-3100E Mass. to semi-mass mineral. Connects to "J" ?
4	200 (+)	Increase (Locally weak low)	30 - 50	Low	L-3000E Semi-massive mineralisation Connects to "I" ?
5	200 (+)	Increase	10 - 15	Close	L-4300E Dissem. to semi-mass. mineral. Sub-outcropping ?
6	600 +	Strong decrease (VLF conductor)	20 - 25	Close	L-4100E to L-4400E Massive mineral. (Sulph., Gp.) Sub-outcropping ?
7	100 (+)	Weak decrease	15 - 20	Low	L-4500E Stringer to semi-mass. mineral. Sub-outcropping ?
8	100 ?	Increase	8 - 10	Direct high	Weak – Poorly defined Disseminated mineralisation Sub-outcropping ?
9	100 (+)	Increase	10 -15	Weak	Poorly defined Disseminated mineralisation Sub-outcropping ?
10	200 (+)	Increase Locally weak low	10 - 20	Low	L-4200E – L-4300E Disseminated mineralisation Sub-outcropping ?
11	400 ?	Increase	10 - 15	Close	L-4500E Disseminated mineralisation Sub-outcropping ?
12	400 +	Strong decrease (VLF conductor)	20 - 45	Direct ? high	L-4100E to L-4500E Massive mineral. (Sulph., Gp.) Sub-outc. - Connects to "N" ?

Anomalous zones 1, 2, 6 and 12 present the best responses with strong phase values of 20 to 50 mradians, mostly associated with strong resistivity decreases. These zones, which coincide with VLF-EM conductor axes, are likely caused by semi-massive to massive mineralisation (sulphides, graphite ?). On lines 36+00 E, 37+00 E and 38+00 E, zones 1 and 2 present very wide responses which are hard to differentiate, thus suggesting a strike turning subparrallel to the survey line, as indicated by N.NW-S.SE magnetic trend in this sector.

Amomalies 3 and 4, which seem to constitute the eastern extension of anomalous zones "J" and "I" (Kinross survey, 1998), also present strong polarisation effects (phase) with locally weak resistivity lows; they could be produced by semi-massive mineralisation.

Anomalous zones 5 and 7 show weaker but moderately well defined phase responses which could reflect disseminated to stringer and semi-massive mineralisation

Finally, anomalous zones 8, 9, 10 and 11 are characterised by weak and poorly defined isolated responses coinciding with resistivity highs; they should be first verified by field reconnaissance and , if warranted, by complementary IP profiles .

6. CONCLUSION AND RECOMMENDATIONS

The VLF-EM survey executed on the NE Grid of the Teck property allowed the detection of several E-W oriented conductors or conductive zones of various nature, whereas the induced polarisation and resistivity survey outlined several moderate to strong anomalies or anomalous zones which likely reflect the presence of disseminated to semi-massive and massive mineralisation.

The results of these surveys should be first examined in the light of all the geological and geophysical information available on the property. Furthermore, since the bedrock seems to be close to the surface in many places on the property (high resistivities), it is recommended to carry out on the entire grid a detail geological survey, including trenching and sampling, with a special attention brought to the IP anomalous zone locations.

A few complementary IP profiles would be also advisable in order to check the exact locations of the anomalous zones compiled from previous surveys (1998), particularly if they are planned to serve as drilling targets.

Recommendations for further work should also consist of diamond drilling to test all zones of interest.

Pierre Boileau, Eng.
Geophysicist

7. CERTIFICATE OF QUALIFICATION

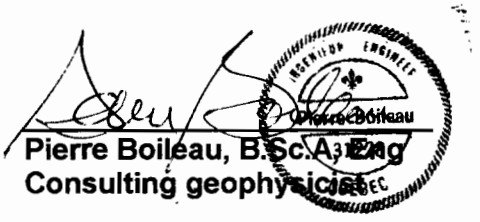
I, PIERRE BOILEAU of the town of Val-d'Or, Abitibi, Québec, do certify that :

1) I am a graduate of Ecole Polytechnique of Montréal (B.Sc.A Eng. 1971) in Geological Sciences

2) I have practiced my profession continuously for 34 years since my graduation from Ecole Polytechnique

3) I am a member of l'Ordre des Ingénieurs du Québec (31228)

4) I have no beneficial interest in the property discussed in this report nor do I expect to receive any in the future



Pierre Boileau, B.Sc.A, Eng
Consulting geophysicist

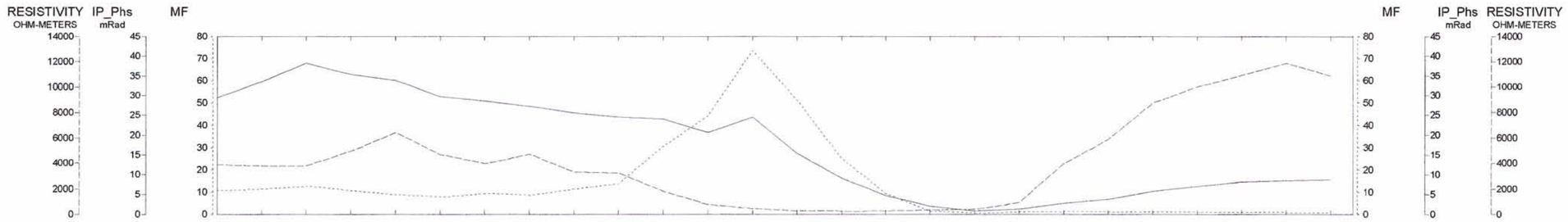
April 8, 2005

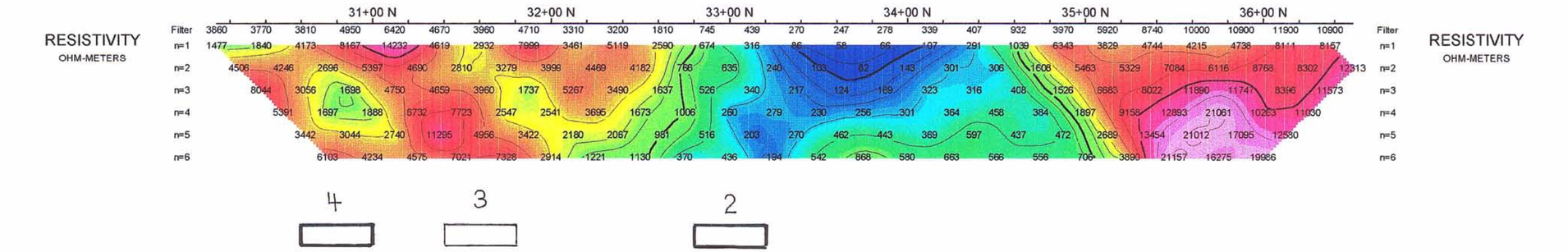
APPENDIX

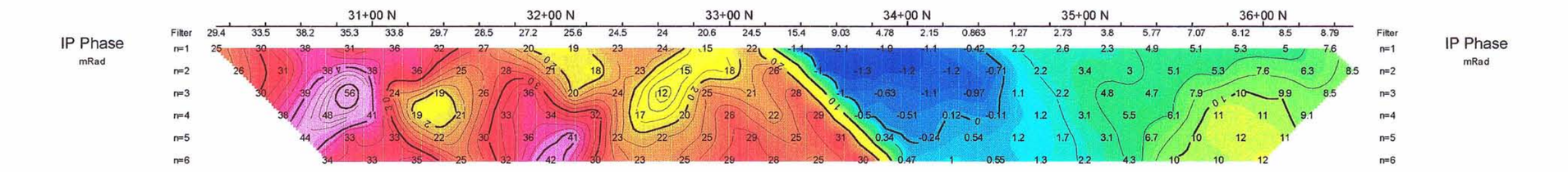
Induced Polarization/Resistivity Pseudo Sections (1 : 2 500)

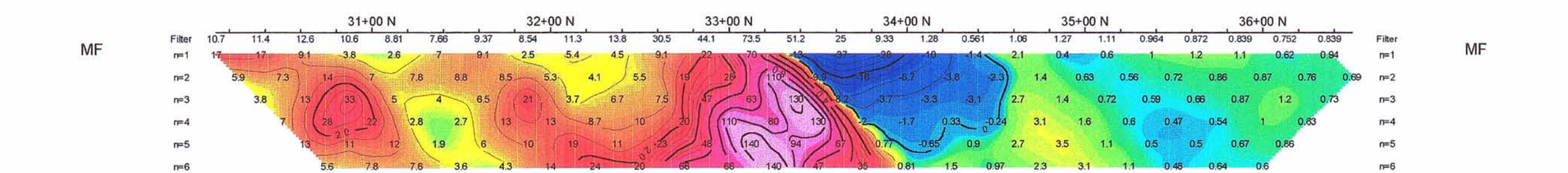
L –3000E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3100E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
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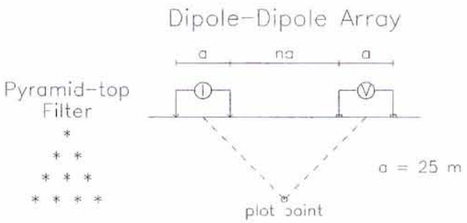






Pseudo Section Plot

30+00 E



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT N-E

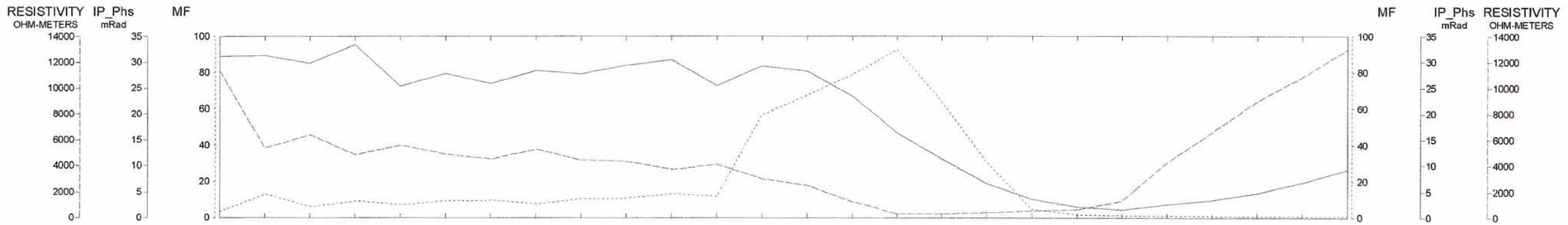
TECK TWP. , ONTARIO

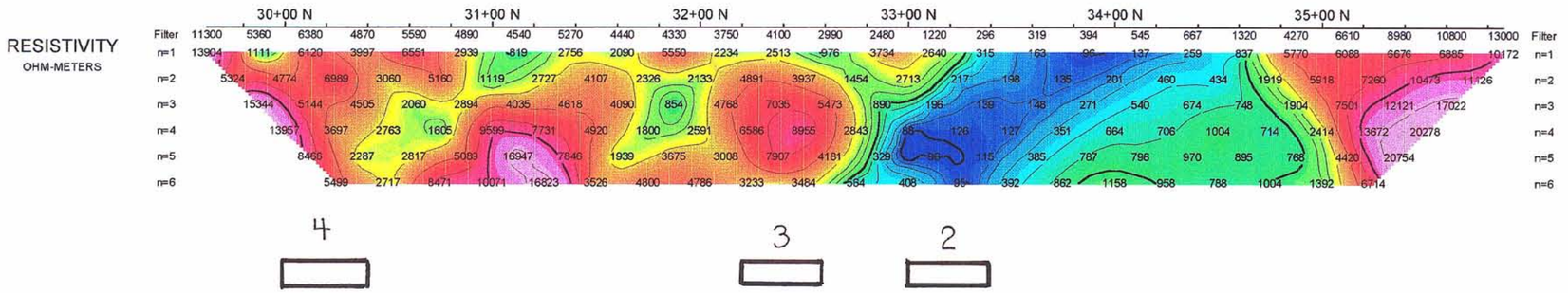
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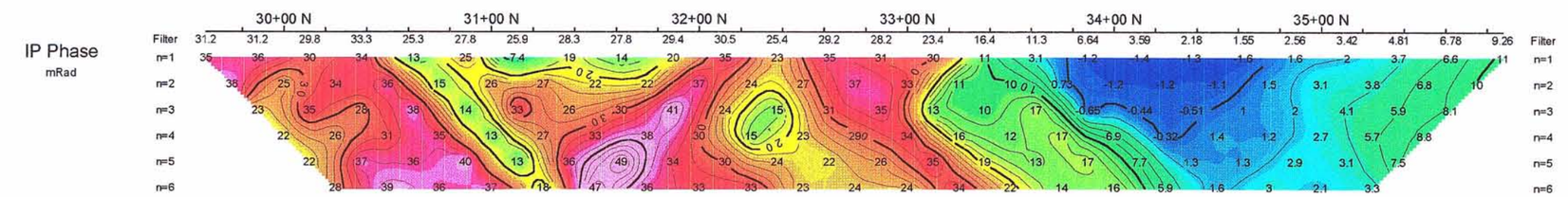
Interpretation: P. BOILEAU V-5 RX

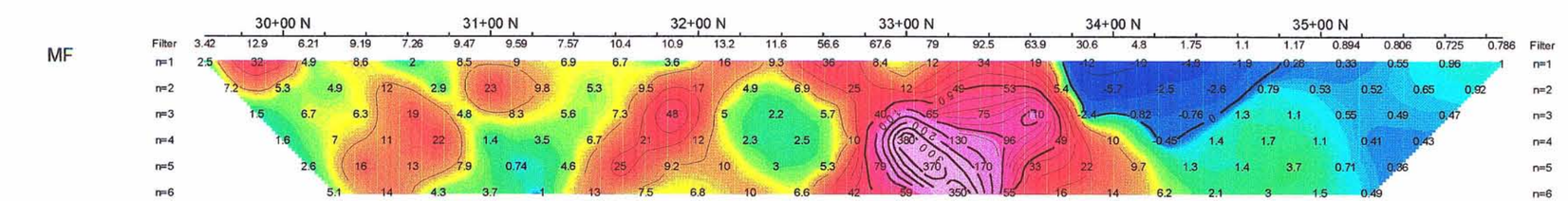
REMY BELANGER (ENT. GEOPHYSICS)

Geosoft Software for the Earth Sciences

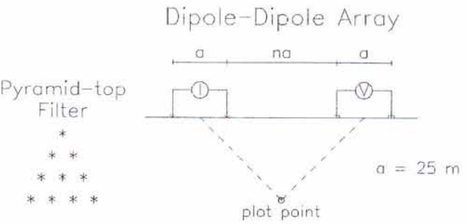








Pseudo Section Plot
31+00 E



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

INTERPRETATION

- ■ Strong increase in polarizction cccompcnied by marked decrease in resistivity.
- ◘ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polcrization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT N-E

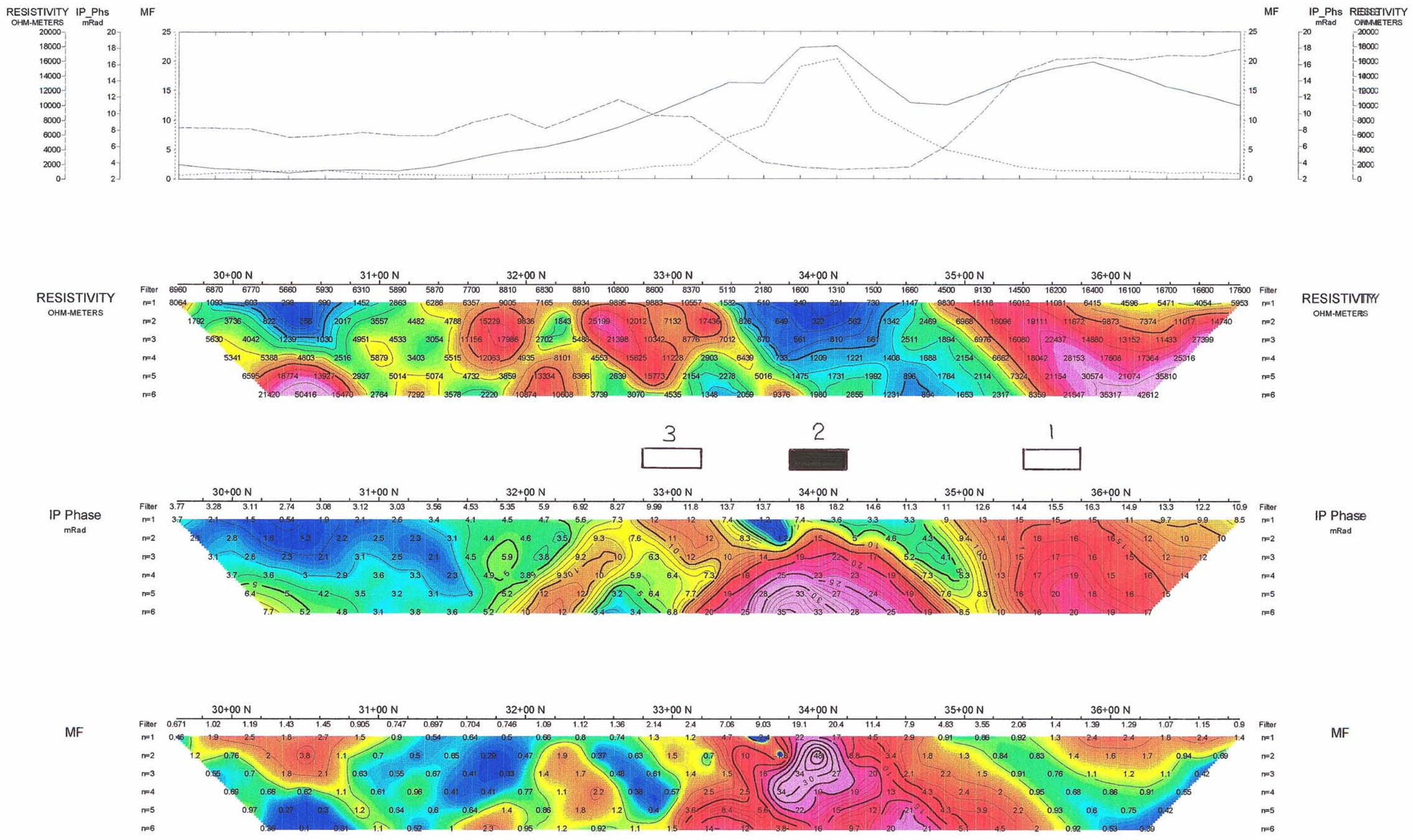
TECK TWP. , ONTARIO

Date: 06/02/2005

Interpretation: P. BO LEAU V-5 RX

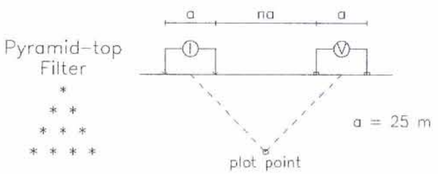
REMY BELANGER (ENT. GEOPHYSICS)

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Pseudo Section Plot
32+00 E

Dipole-Dipole Array



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

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- ◻ Well defined increase in polarization without marked resistivity decrease.
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Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT N-E

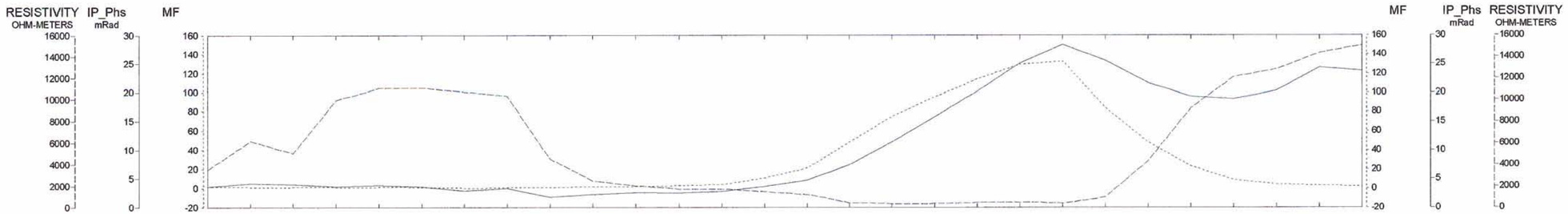
TECK TWP. , ONTARIO

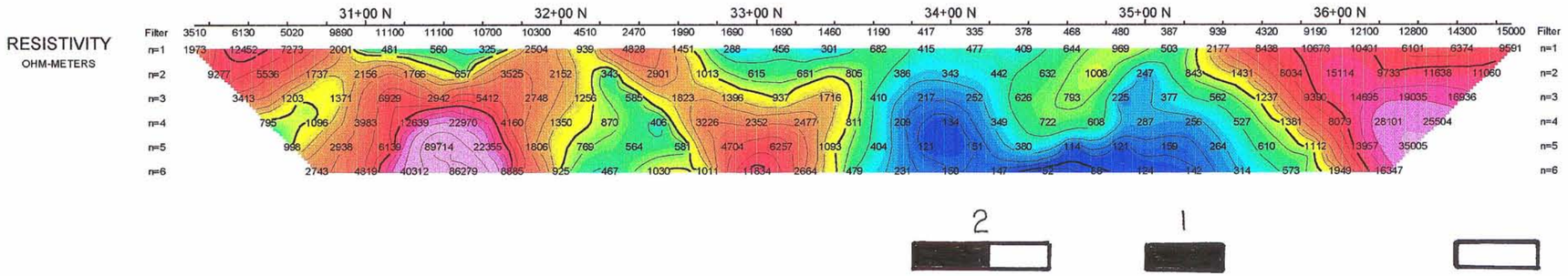
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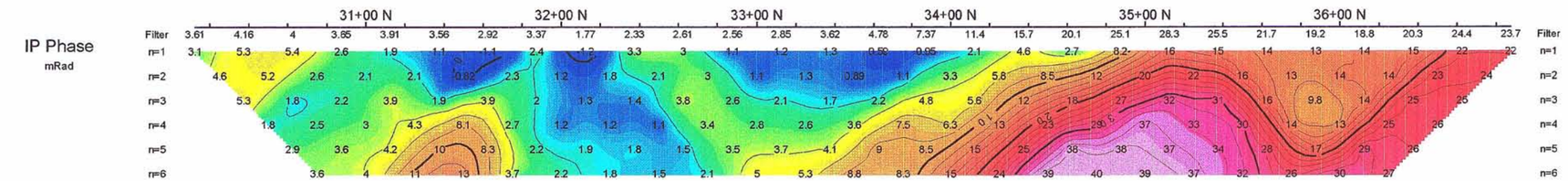
Interpretation: P.BOILEAU V-5 RX

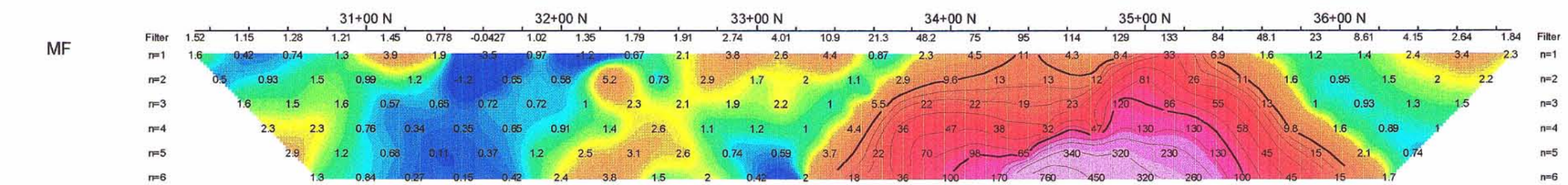
REMY BELANGER (ENT. GEOPHYSICS)

Geosoft Software for the Earth Sciences



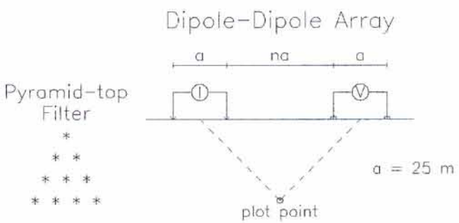






Pseudo Section Plot

33+00 E



2.30324

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

INTERPRETATION

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25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT N-E

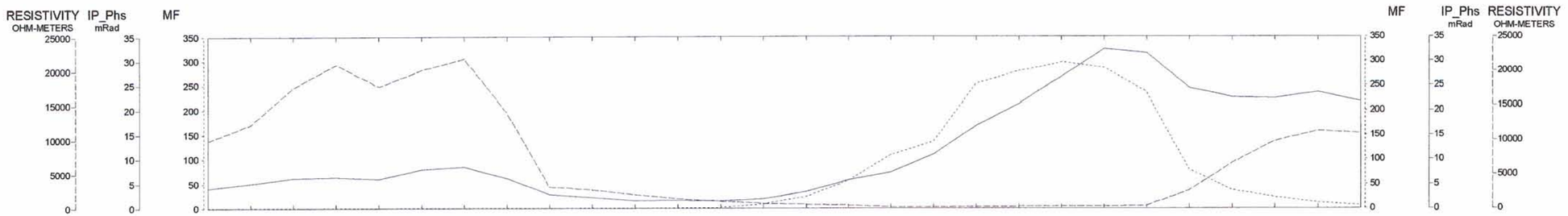
TECK TWP. , ONTARIO

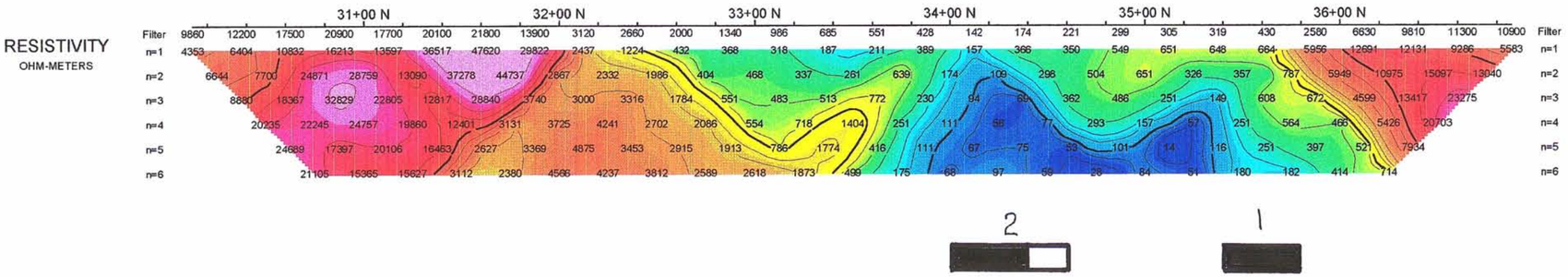
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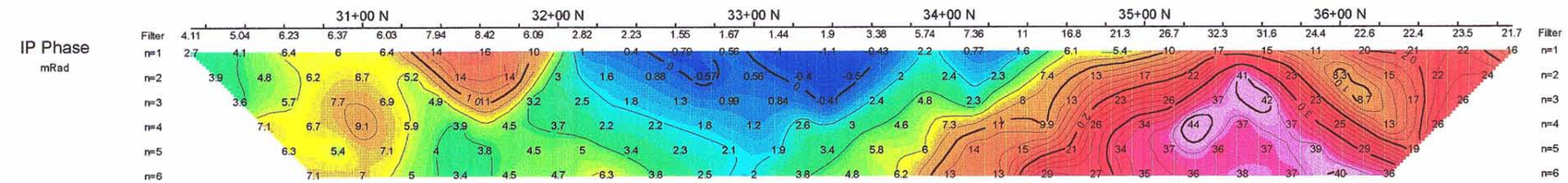
Interpretation: P.BOILEAU V-5 RX

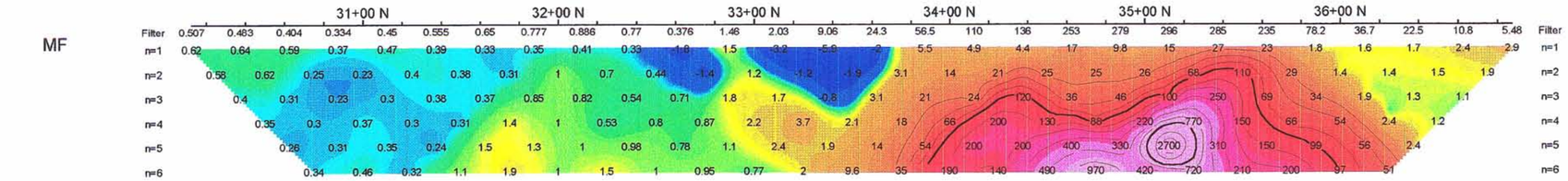
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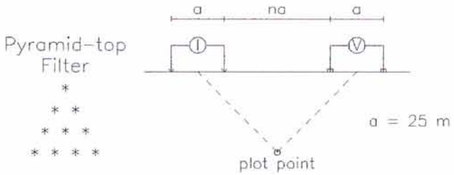






Pseudo Section Plot
34+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

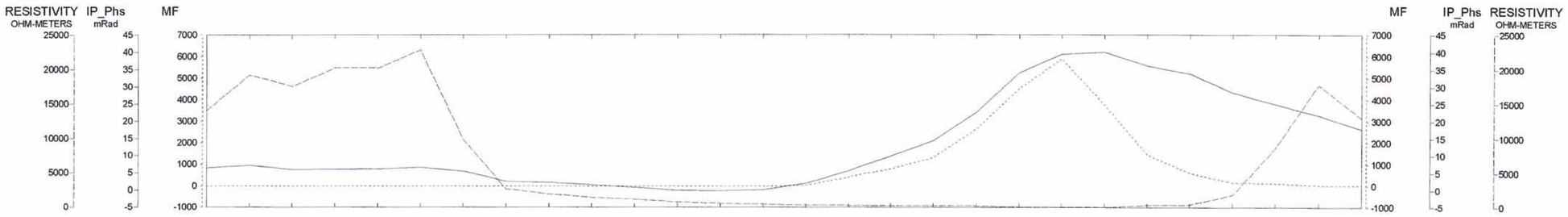
TECK PROJECT N-E

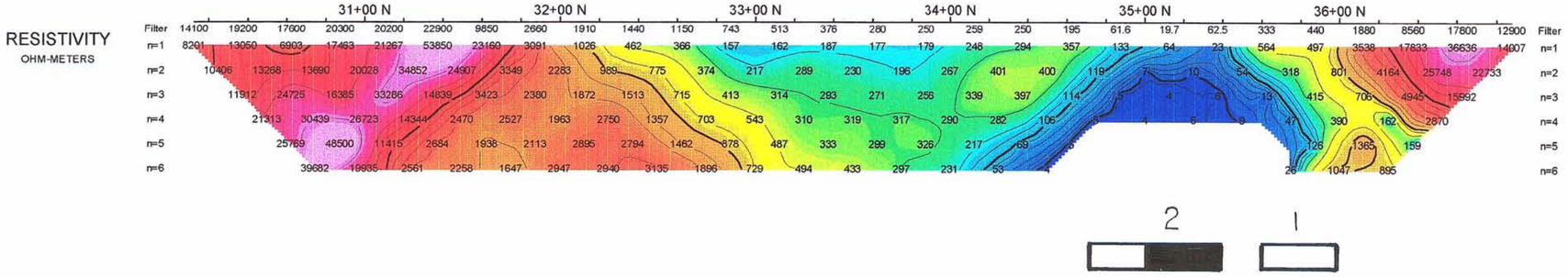
TECK TWP. , ONTARIO

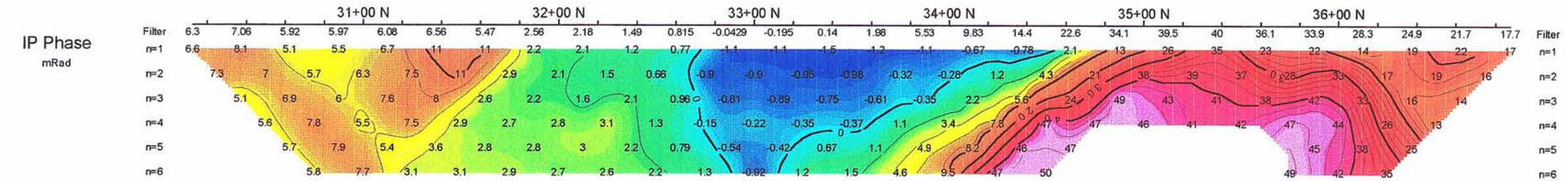
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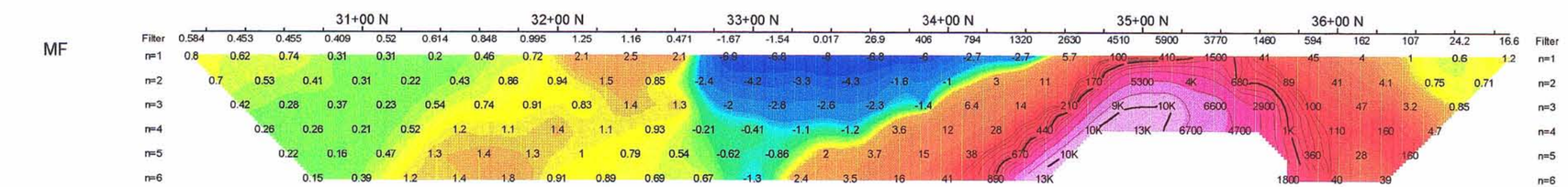
Interpretation: P.BOILEAU V-5 RX

REMY BELANGER (ENT. GEOPHYSICS)



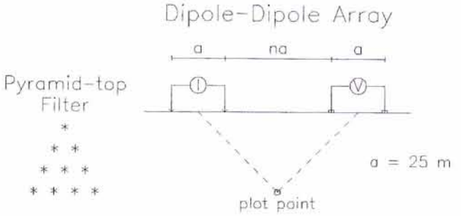






Pseudo Section Plot

35+00 E



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT N-E

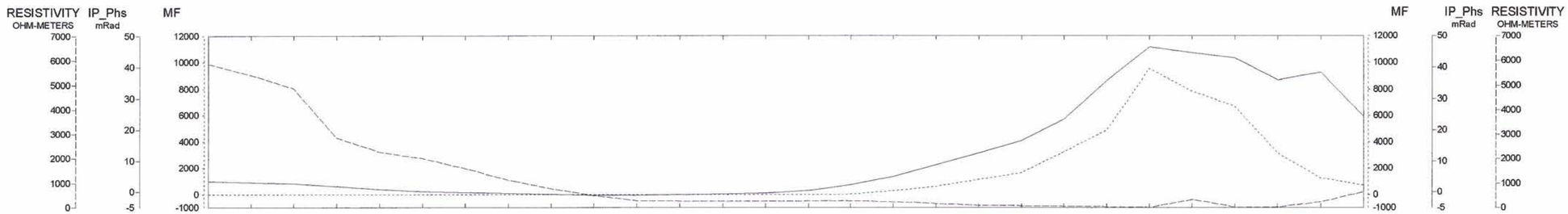
TECK TWP. , ONTARIO

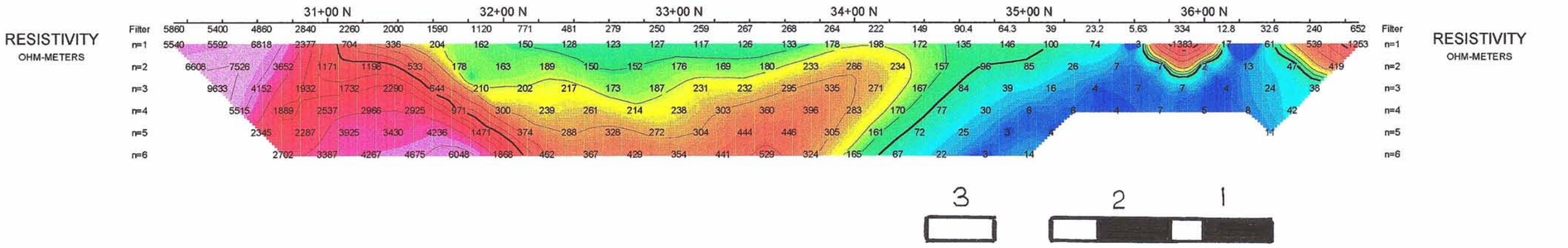
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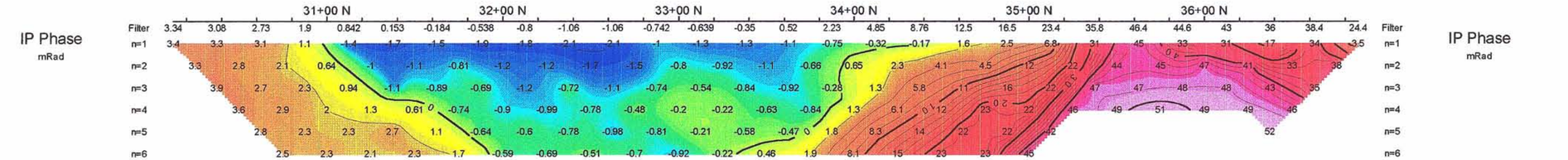
Interpretation: P.BOILEAU V-5 RX

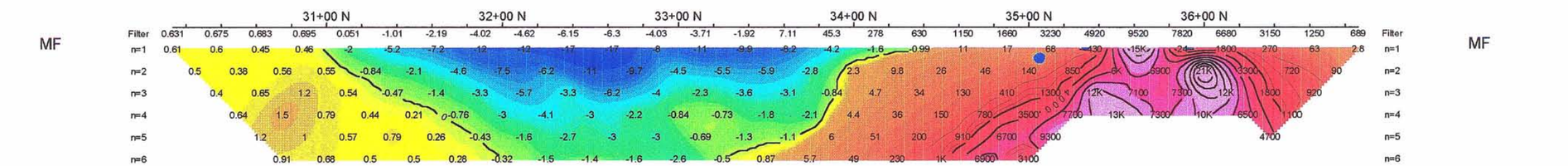
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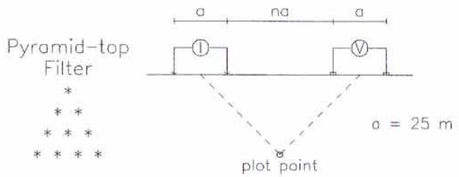




Pseudo Section Plot

36+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

TECK PROJECT N-E

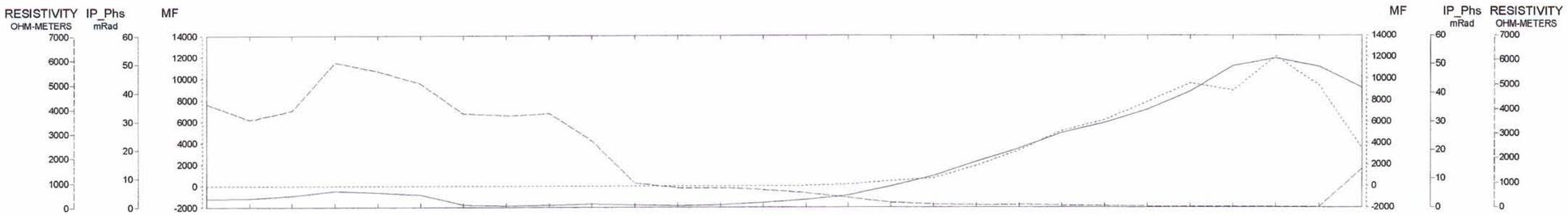
TECK TWP. , ONTARIO

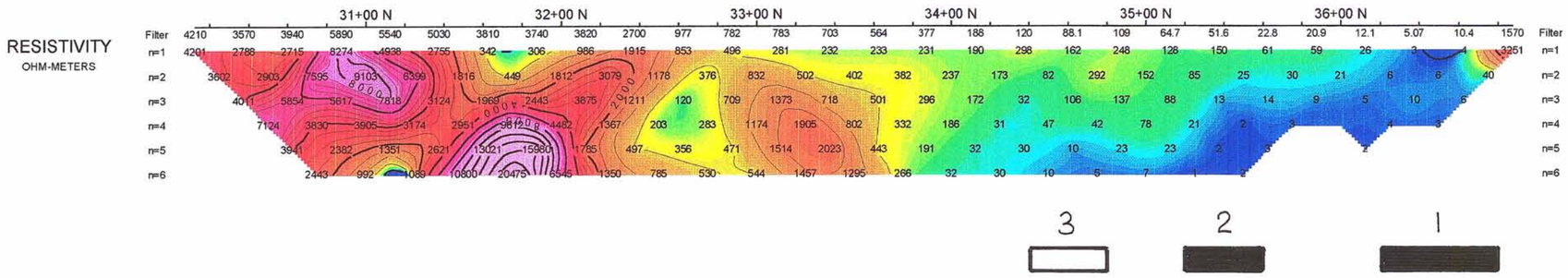
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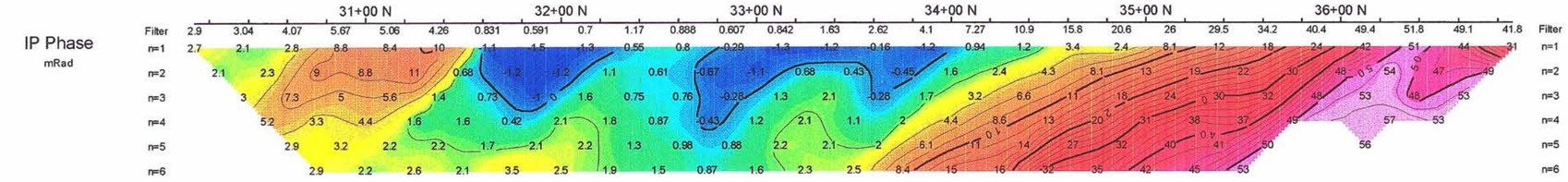
Interpretation: P.BOILEAU V-5 RX

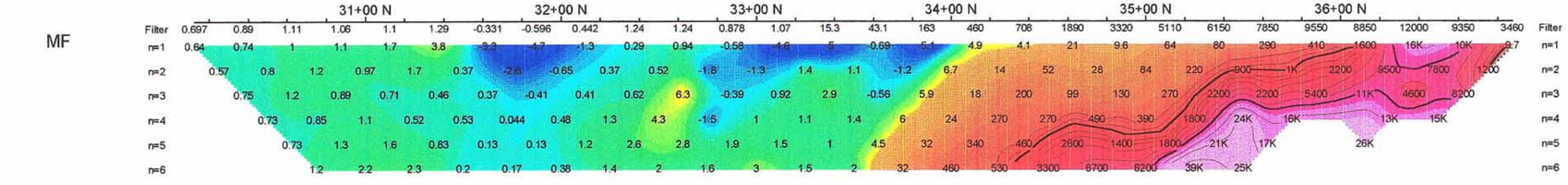
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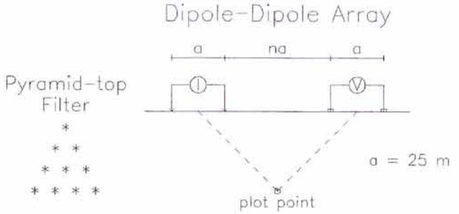






Pseudo Section Plot

37+00 E



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

TECK PROJECT N-E

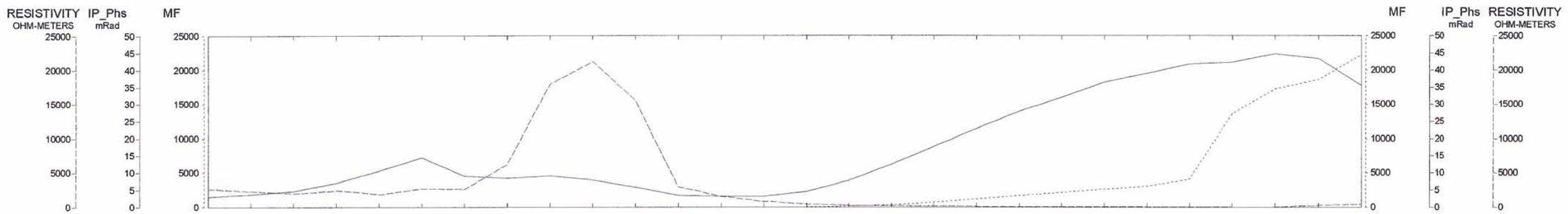
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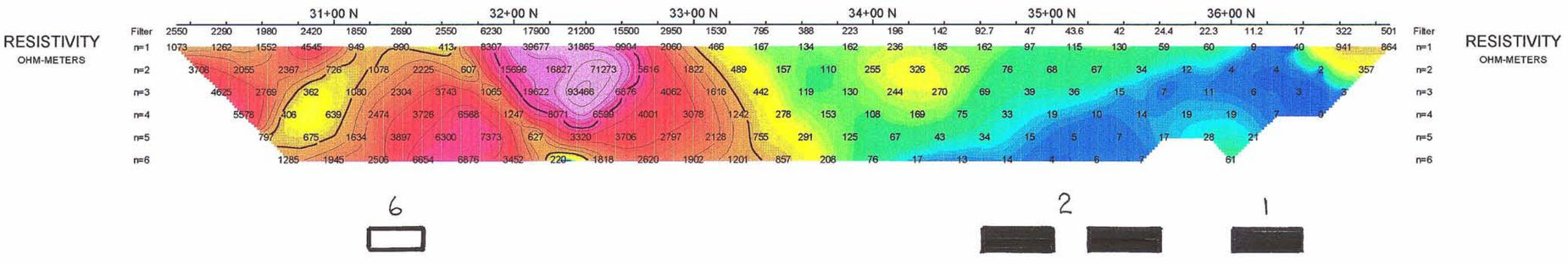
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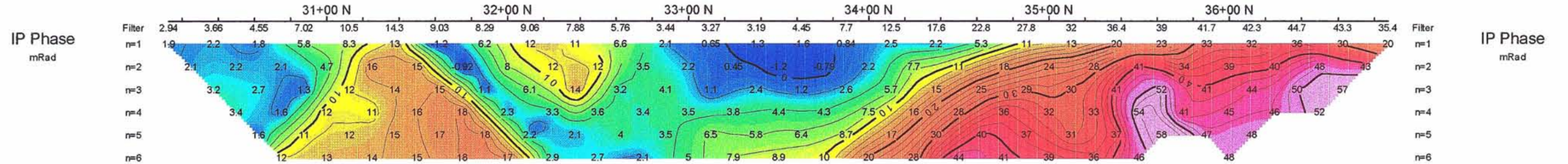
Interpretation: P.BOILEAU V-5 RX

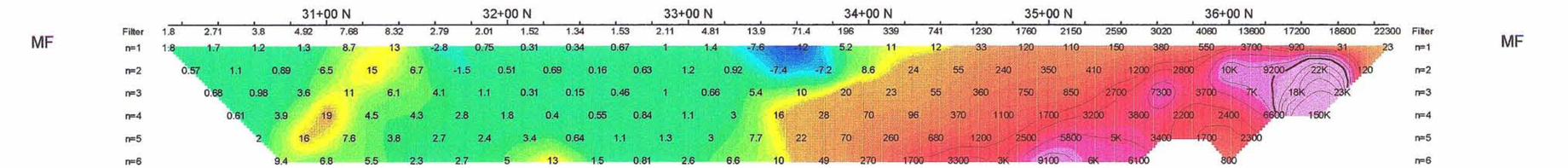
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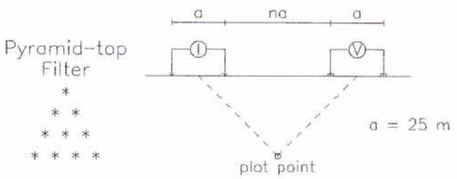




Pseudo Section Plot

38+00 E

Dipole-Dipole Array



Pyramid-top Filter

*
* *
* * *
* * * *

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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

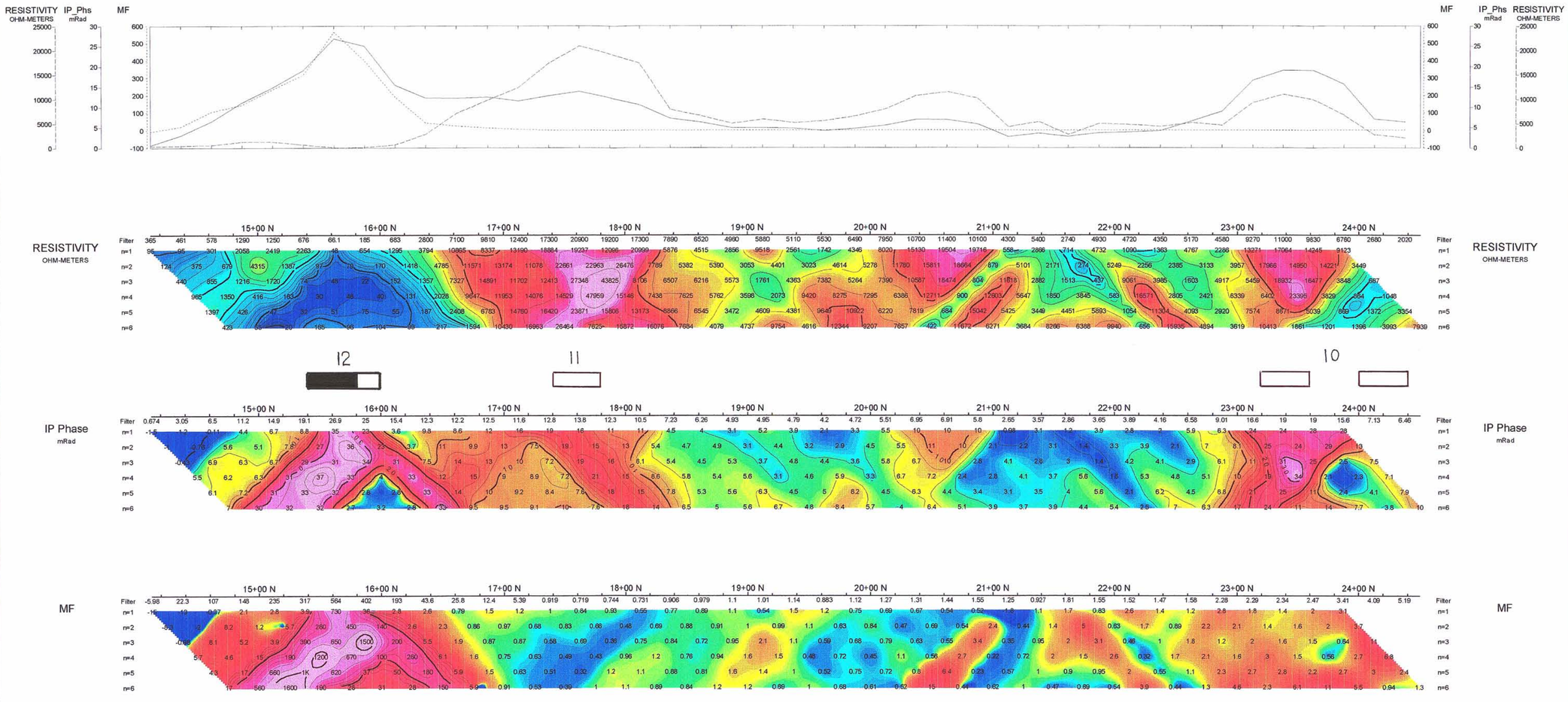
TECK PROJECT N-E

TECK TWP. , ONTARIO

Date: 06/02/2005

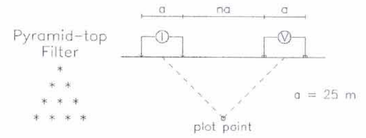
Interpretation: P.BOILEAU V-5 RX

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Pseudo Section Plot
41+00 E

Dipole-Dipole Array



2.30324

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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT N-E

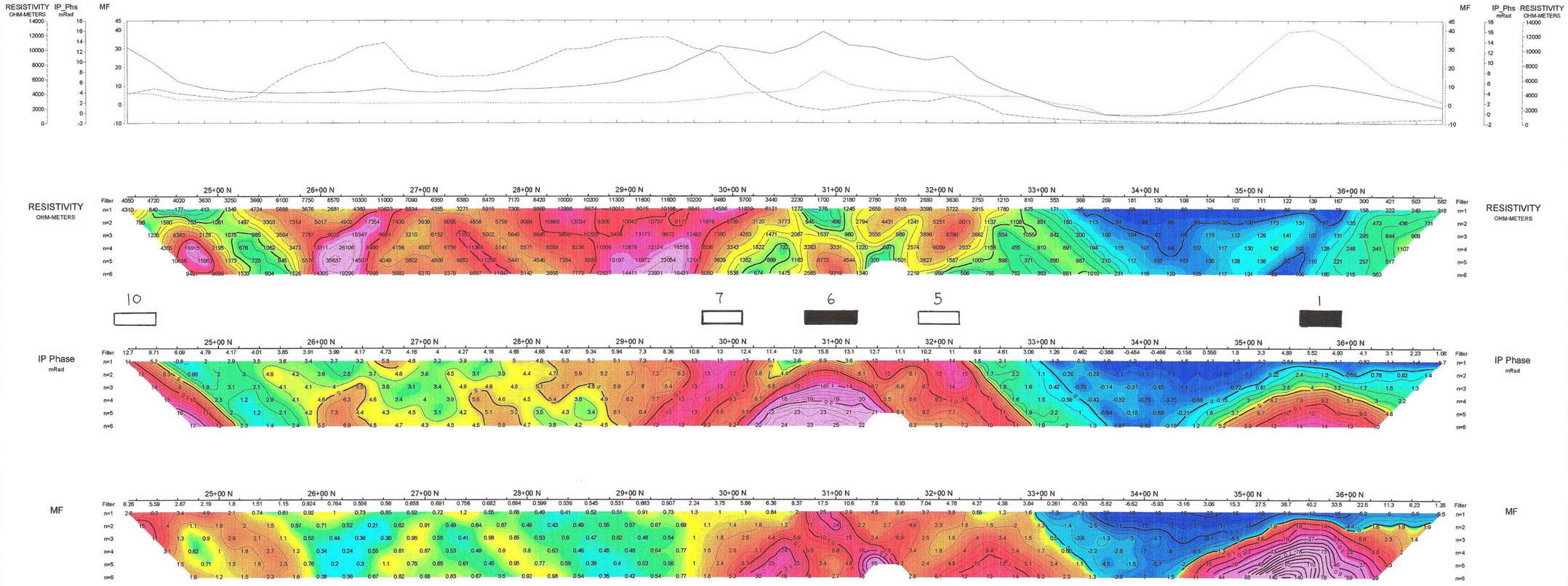
TECK TWP. , ONTARIO

Date: 05/02/2005

Interpretation: P.BOILEAU V-5 RX

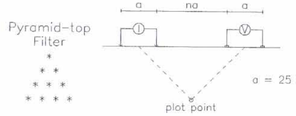
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Pseudo Section Plot
41+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

TECK PROJECT N-E

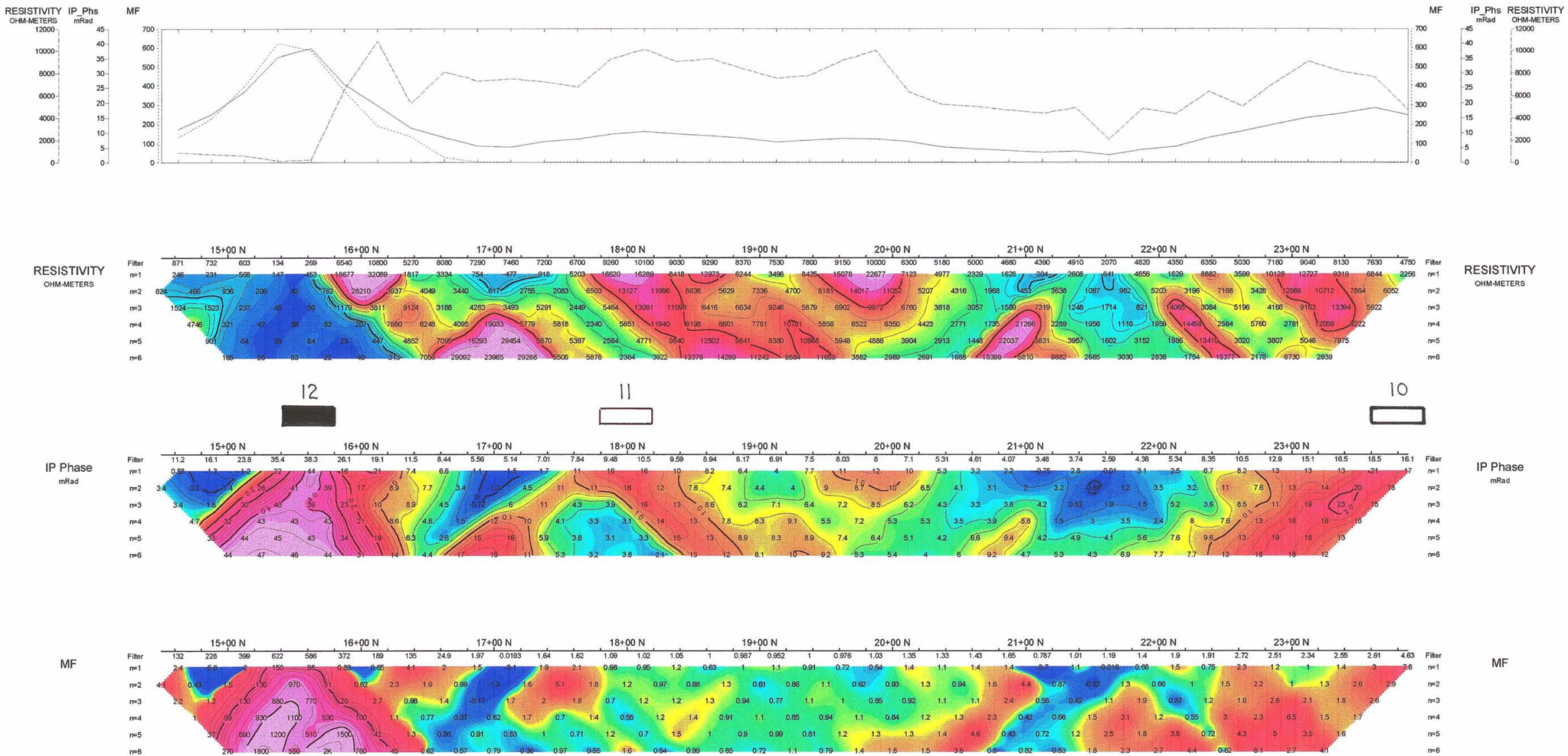
TECK TWP. , ONTARIO

Date: 05/02/2005

Interpretation: P.BOILEAU V-5 RX

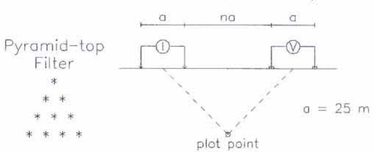
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Pseudo Section Plot
42+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

TECK PROJECT N-E

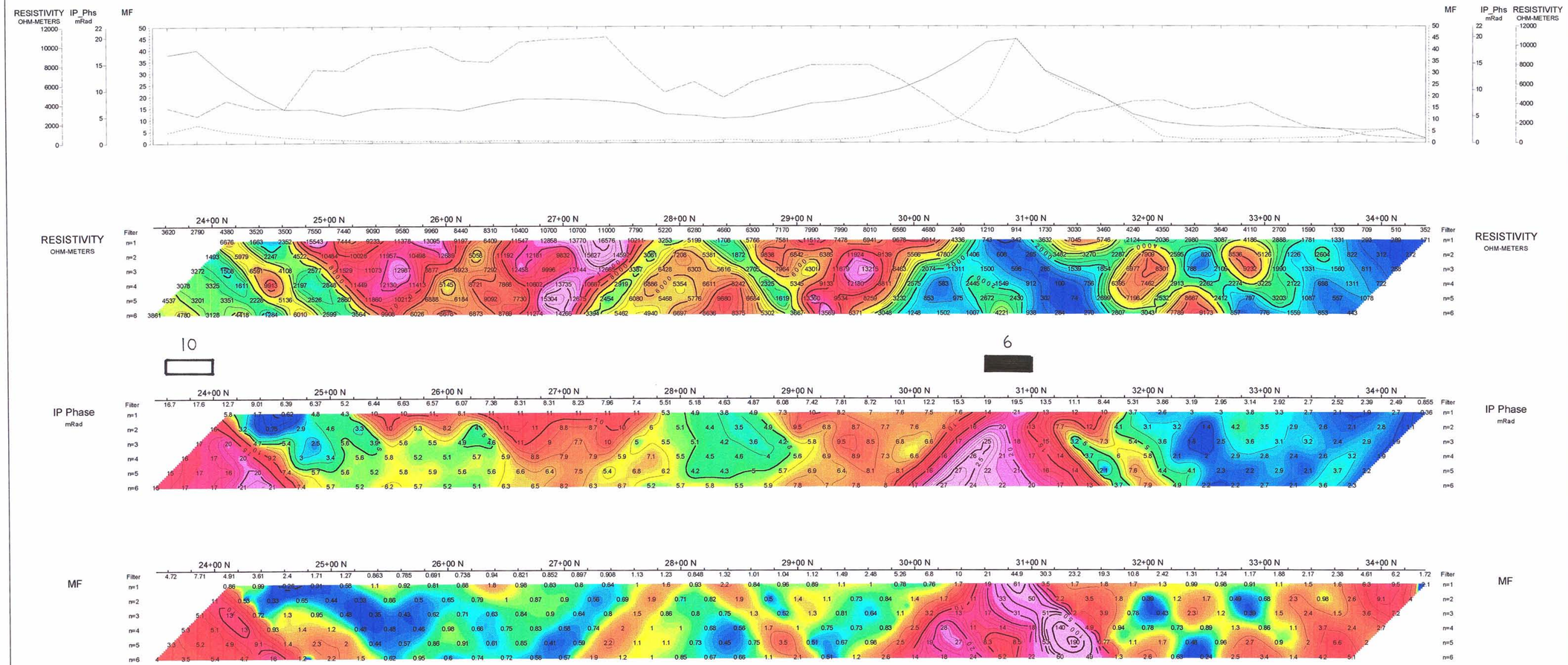
TECK TWP. , ONTARIO

Date: 05/02/2005

Interpretation: P.BOILEAU V-5 RX

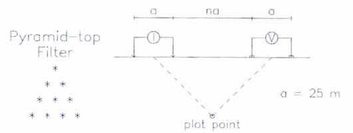
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Pseudo Section Plot
42+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

TECK PROJECT N-E

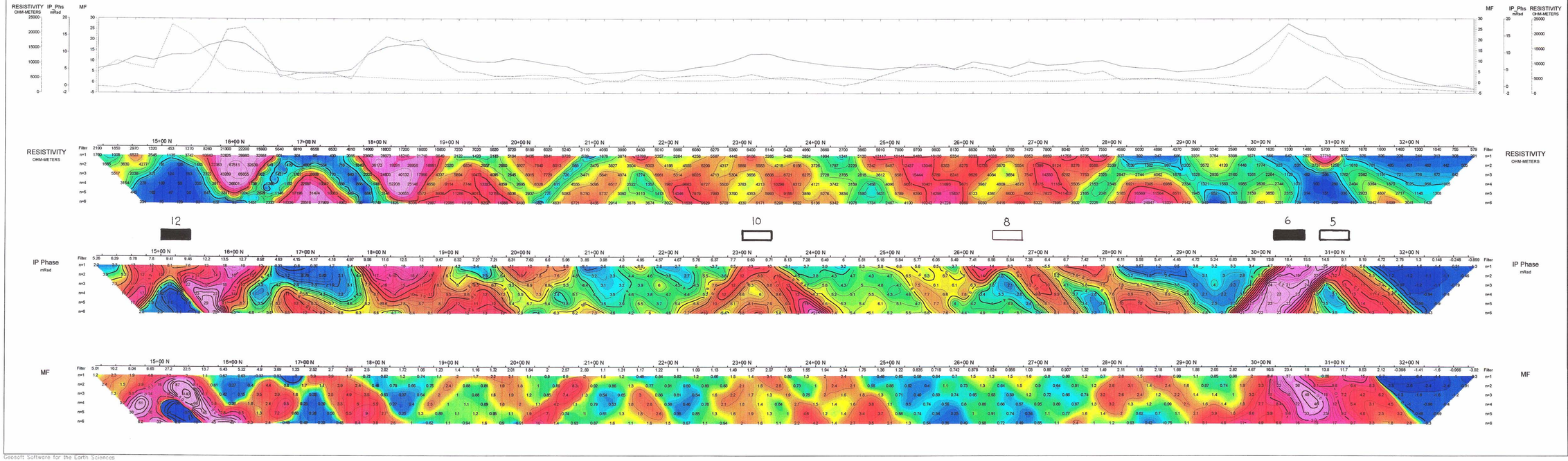
TECK TWP. , ONTARIO

Date: 05/02/2005

Interpretation: P.BOILEAU V-5 RX

REMY BELANGER (ENT. GEOPHYSICS)

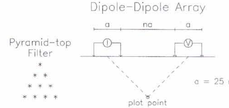
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Pseudo Section Plot

43+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

TECK PROJECT N-E

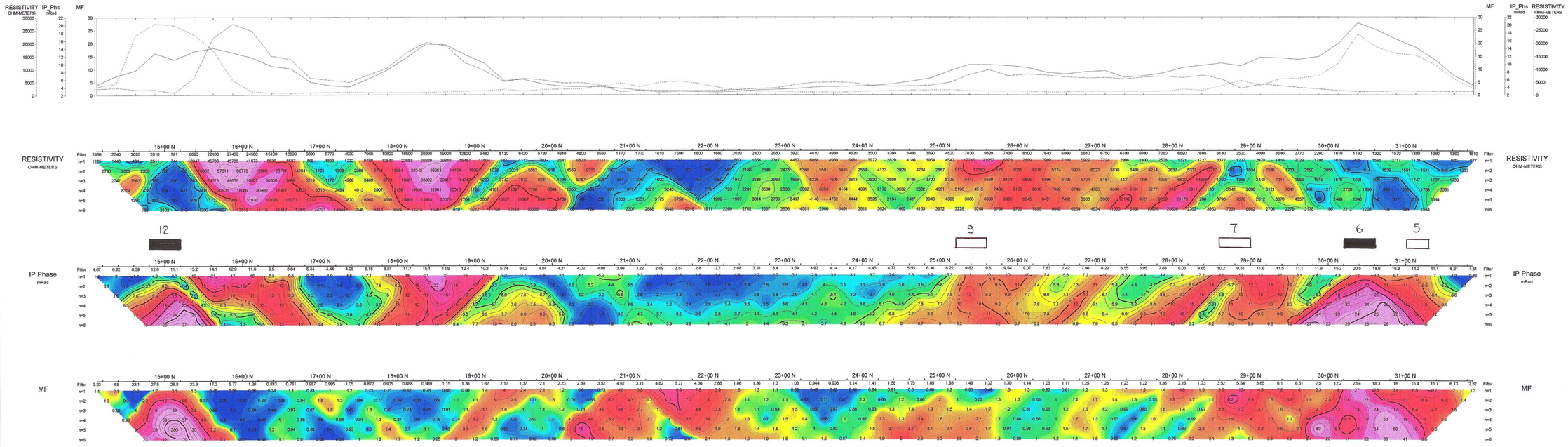
TECK TWP. , ONTARIO

Date: 04/02/2005

Interpretation: P.BOILEAU V-5 RX

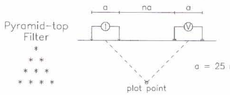
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Pseudo Section Plot
44+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

TECK PROJECT N-E

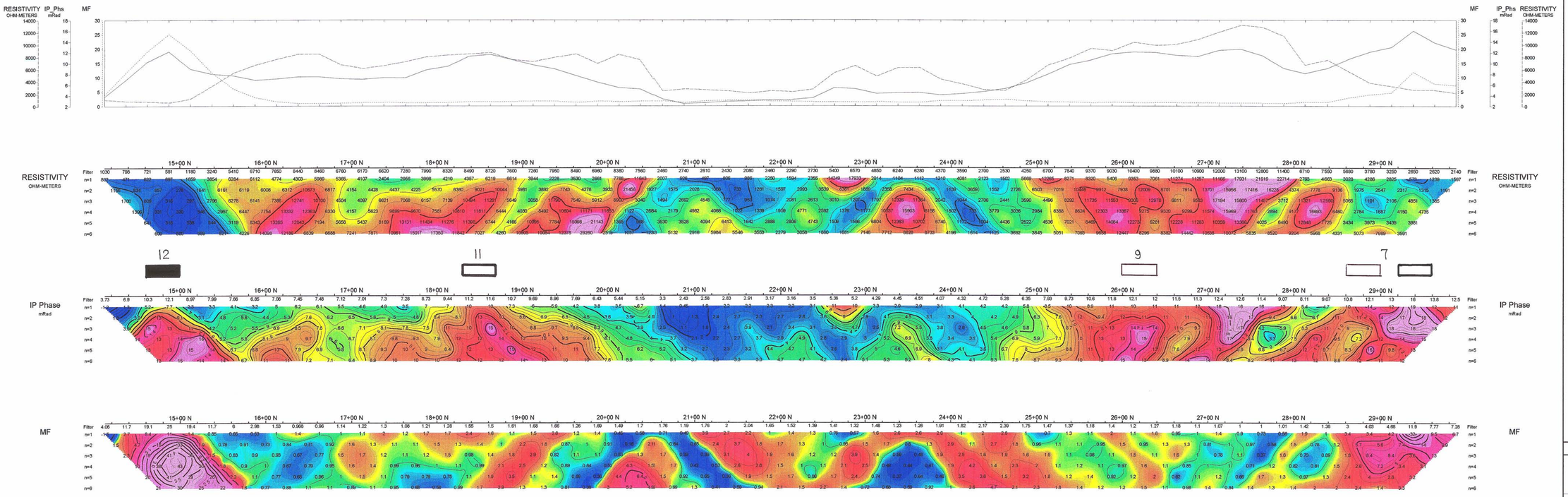
TECK TWP. , ONTARIO

Date: 04/02/2005

Interpretation: P. BOILEAU V-5 RX

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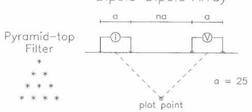
Geosoft Software for the Earth Sciences



Pseudo Section Plot

45+00 E

Dipole-Dipole Array



2.30324

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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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TECK PROJECT N-E

TECK TWP. , ONTARIO

Date: 04/02/2005

Interpretation: P.BOILEAU V-5 RX

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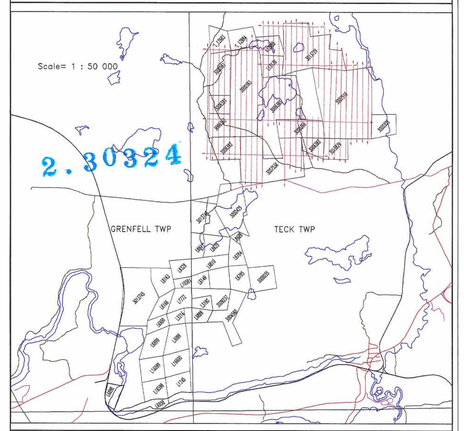
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N

Scale 1 : 5 000

100 0 100 200 300 400 (metres)



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TECK PROJECT – NE

PROPERTY BASE MAP

UTM NAD 83 – Zone 17

Interpreted by :

Date: 02/2005

Scale 1 : 5 000

Map no. 5.0NE

563800E 564000E 564200E 564400E 564600E 564800E 565000E 565200E 565400E 565600E 565800E 566000E 566200E 566400E 566600E

5334800N
5334600N
5334400N
5334200N
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5332400N
5332200N

TL 3700 N
TL 3250 N
TL 3000 N
TL 1375 N
BL 2000 N

L 2000 E L 2100 E L 2200 E L 2300 E L 2400 E L 2500 E L 2600 E L 2700 E L 2800 E L 2900 E L 3000 E L 3100 E L 3200 E L 3300 E L 3400 E L 3500 E L 3600 E L 3700 E L 3800 E L 3900 E L 4000 E L 4100 E L 4200 E L 4300 E L 4400 E L 4500 E L 4600 E L 4700 E L 4800 E L 4900 E

"A" "B" "C" "D" "E" "F" "G" "H" "I" "J" "K" "L" "M" "N"

1 2 3 4 5 6 7 8 9 10 11 12

26 24 23 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 0 -1 -2 -3 -5 -8

Phase (mRadians)

LEGEND

CONTOUR INTERVAL (mRadians)

Linear contours
1
2
10

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?
- 2 — IP anomalous zone Hinterland Metals 2005
- "J" — IP anomalous zone compiled from Kinross Gold (1998)
- VLF-EM conductor axis

Scale 1 : 5 000

100 0 100 200 300 400 (metres)

Scale= 1 : 50 000

GRENFELL TWP
TECK TWP

2.30324

HINTERLAND METALS INC.
TECK PROJECT – NE

INDUCED POLARIZATION SURVEY
PHASE CONTOURS (FILTER)

Survey by: Rémy Bélanger

Interpreted by : P. Boileau, Eng. geoph. Date: 02/2005

Scale 1 : 5 000 Map no. 4.2NE

563800E 564000E 564200E 564400E 564600E 564800E 565000E 565200E 565400E 565600E 565800E 566000E 566200E 566400E 566600E

5334800N 5334600N 5334400N 5334200N 5334000N 5333800N 5333600N 5333400N 5333200N 5333000N 5332800N 5332600N 5332400N 5332200N

TL 3700 N TL 3250 N TL 3000 N TL 2000 N TL 1375 N

L 2000 E L 2100 E L 2200 E L 2300 E L 2400 E L 2500 E L 2600 E L 2700 E L 2800 E L 2900 E L 3000 E L 3100 E L 3200 E L 3300 E L 3400 E L 3500 E L 3600 E L 3700 E L 3800 E L 3900 E L 4000 E L 4100 E L 4200 E L 4300 E L 4400 E L 4500 E L 4600 E L 4700 E L 4800 E L 4900 E

"A" "B" "C" "D" "E" "F" "G" "H" "I" "J" "K" "L" "M" "N"

1 2 3 4 5 6 7 8 9 10 11 12

LEGEND

CONTOUR INTERVALS (Ohm.m)

Linear contours

2000
10000

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?

2 IP anomalous zone Hinterland Metals 2005

"J" IP anomalous zone compiled from Kinross Gold (1998)

VLF-EM conductor axis

13102 12294 11518 10892 10345 9952 9504 9088 8700 8405 8055 7718 7391 7128 6830 6522 6223 5989 5695 5400 5106 4811 4578 4278 3970 3662 3409 3082 2745 2395 2101 1713 1297 455

Resistivity (Ohm.m)

Scale 1 : 5 000

100 0 100 200 300 400 (metres)

Scale= 1 : 50 000

GRENFELL TWP TECK TWP

2.30324

HINTERLAND METALS INC.
TECK PROJECT – NE

INDUCED POLARIZATION SURVEY
RESISTIVITY CONTOURS (FILTER)

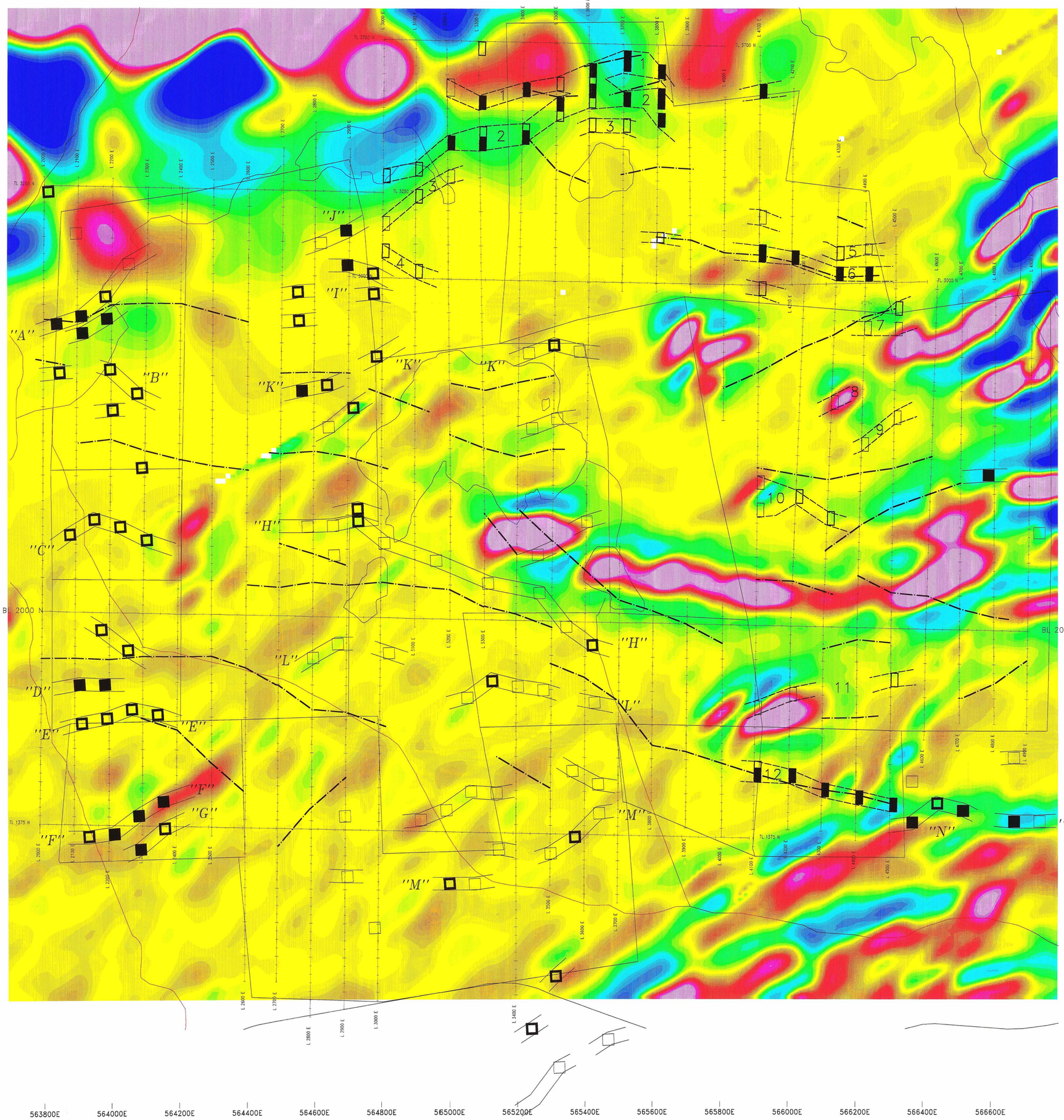
Survey by: Rémy Bélanger

Interpreted by : P. Boileau, Eng. geoph. Date: 02/2005

Scale 1 : 5 000 Map no. 4.1NE

563800E 564000E 564200E 564400E 564600E 564800E 565000E 565200E 565400E 565600E 565800E 566000E 566200E 566400E 566600E

5334800N 5334600N 5334400N 5334200N 5334000N 5333800N 5333600N 5333400N 5333200N 5333000N 5332800N 5332600N 5332400N 5332200N



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?
- 2 — IP anomalous zone Hinterland Metals 2005
- "J" — IP anomalous zone compiled from Kinross Gold (1998)
- VLF-EM conductor axis

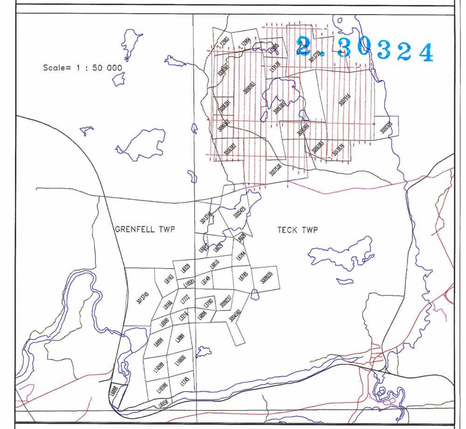
Gradient

0.043 0.038 0.034 0.030 0.027 0.025 0.022 0.020 0.018 0.016 0.014 0.012 0.011 0.009 0.007 0.006 0.004 0.003 0.001 −0.001 −0.002 −0.004 −0.005 −0.007 −0.009 −0.011 −0.012 −0.014 −0.016 −0.018 −0.019 −0.022 −0.024 −0.029 −0.032 −0.035 −0.040 −0.044 −0.052

NB: Magnetic data from Ontario Airborne Geophysical Surveys Kirkland Lake – Larder Lake Area (Digital data set 1053b) and Ontario Treasure Hunt – Kirkland Lake Area survey

Scale 1 : 5 000

100 0 100 200 300 400 (metres)



2.30324

HINTERLAND METALS INC.
TECK PROPERTY – NE

AIRBORNE MAGNETIC SURVEY
VERTICAL GRADIENT

Survey by: Fugro

Interpr. by : P. Boileau, Eng. geoph. Date: 02/2005

Scale 1 : 5 000 Map no. 1.2NE

563800E 564000E 564200E 564400E 564600E 564800E 565000E 565200E 565400E 565600E 565800E 566000E 566200E 566400E 566600E

5334800N 5334600N 5334400N 5334200N 5334000N 5333800N 5333600N 5333400N 5333200N 5333000N 5332800N 5332600N 5332400N 5332200N

TL 3700 N TL 3250 N TL 1375 N BL 2000 N

"A" "B" "C" "D" "E" "F" "G" "H" "I" "J" "K" "L" "M" "N"

1 2 3 4 5 6 7 8 9 10 11 12

Fraser

51 45 40 36 33 30 28 25 22 21 18 16 14 12 10 8 7 5 3 1 -1 -2 -4

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,Becrock valley or thick overburden.Structural causes?

2 IP anomalous zone Hinterland Metals 2005

"J" IP anomalous zone compiled from Kinross Gold (1998)

VLF-EM conductor axis

Scale 1 : 5 000

100 0 100 200 300 400 (metres)

Scale= 1 : 50 000

GRENFELL TWP TECK TWP

2.30324

HINTERLAND METALS INC.
TECK PROPERTY - NE

VLF-EM SURVEY
FRASER FILTER CONTOURS

Survey by: D. Ferderber

Interpr. by : P. Boileau, Eng. geoph. Date: 02/2005

Scale 1 : 5 000 Map no. 2.2NE

563800E 564000E 564200E 564400E 564600E 564800E 565000E 565200E 565400E 565600E 565800E 566000E 566200E 566400E 566600E

5334800N 5334600N 5334400N 5334200N 5334000N 5333800N 5333600N 5333400N 5333200N 5333000N 5332800N 5332600N 5332400N 5332200N

TL 3700 N TL 3250 N TL 3000 N TL 1375 N BL 2000 N

L 2000 E L 2100 E L 2200 E L 2300 E L 2400 E L 2500 E L 2600 E L 2700 E L 2800 E L 2900 E L 3000 E L 3100 E L 3200 E L 3300 E L 3400 E L 3500 E L 3600 E L 3700 E L 3800 E L 3900 E L 4000 E L 4100 E L 4200 E L 4300 E L 4400 E L 4500 E L 4600 E L 4700 E L 4800 E L 4900 E

LEGEND

NAA PROFILES

In-Phase 1 cm = 40 %
Quadrature 1 cm = 40 %

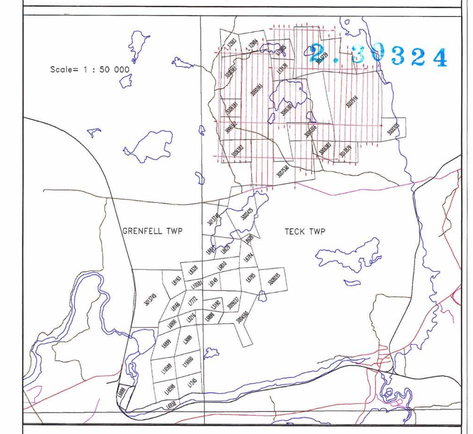
Readings: In-Phase | Quadrature
% 4 | -4 %

Instrument: Geonics EM-16
Station: NAA (Cutler, Maine) 24.0 kHz

VLF-EM conductor axis

Scale 1 : 5 000

100 0 100 200 300 400
(metres)



2.1NE 324

HINTERLAND METALS INC.
TECK PROPERTY - NE

VLF-EM SURVEY
NAA PROFILES

Survey by: D. Ferderber

Interpr. by : P. Boileau, Eng. geoph. Date: 02/2005

Scale 1 : 5 000 Map no. 2.1NE

Innovexplo inc. – Services géologiques
560-B, 3e Avenue, Val-d'Or, Québec, Canada, J9P 1S4
Courriel : info@innovexplo.com
Site Web : www.innovexplo.com

2.30324

HINTERLAND METALS INC.

DRILLING PROGRAM ON TECK PROPERTY

- LOGS, PLAN AND SECTIONS -

Teck township, Ontario, Canada

Prepared for

Hinterland Metals Inc.

Prepared by

Julien Davy, M.Sc., Geo.

Innovexplo inc. – Services géologiques
Val-d'Or (Québec)

RECEIVED
JUN 2 8 2005
GEOSCIENCE ASSESSMENT OFFICE

May 2nd, 2005

DRILL HOLE SUMMARY
TECK PROPERTY

SPRING 2005 DRILLING PROGRAM

DRILL HOLE #	LENGHT	LONG. (UTM)	LAT. (UTM)	SUMMARY
TEC-001	101 m	564444.0	5330679.0	TARGET: Drilled on IP anomaly. Weak disseminated and veining mineralization in conglomeratic and fine grained sediments. Some porphyric intrusions. Sediments are strongly magnetic.
TEC-002	107 m	564343.0	5330603.0	TARGET : Drilling IP anomaly similar to TEC-001 Conglomerate rich with lots of fault and mm to cm wide shearing and with DOL-SER alteration associated. Strong hematization overprinting. Some Py disseminated or associated with altered zones
TEC-003	101 m	564496.0	5330131.0	TARGET : MAG anomaly target Essentially conglomerate with some cm to dm porphyric intrusions cross-cutting No significant mineralization
TEC-004	101 m	564189.0	5329731.0	TARGET : IP anomaly Diabase, conglomerate with some metric interlayer of sandstones No significant mineralization
TEC-005	106 m	564201.0	5329459.0	TARGET : IP anomaly Conglomerate with lots of cm to m wide porphyric intrusions. Some shearing and with QZ-SER veining but weak mineralization associated
TEC-006	97 m	563350.0	5329530.0	TARGET : IP anomaly Syenite with conglomerate interlayer. Strong dolomitization and hematization with weak pyrite associated
TEC-007	125 m	563925.0	5329779.0	TARGET : IP anomaly Volcano-sedimentary sequence (conglomerate and tuff) with chloritic alterations. Weak shear with hematization associated with weak pyrite associated
TEC-008	122 m	563826.0	5329933.0	TARGET : IP anomaly Sedimentary rocks with some tuff interlayer. Some weak shear with carbonatization and pyrite associated.
TEC-009	128 m	563836.0	5330114.0	TARGET : IP anomaly Strongly alterated conglomerate and intermediate tuff (dolomitization and carbonatization) with lots of QZ-CB veining and weak pyrite.
TEC-010	125 m	563112.0	5329447.0	TARGET : IP anomaly Conglomerate with lots of mafic intrusions and QZ veining. Moderate séricitisation with weak pyrite at contact with intermediate tuff
TOTAL	**1113 m**			

562000 utm E
563000 utm E
564000 utm E
565000 utm E
5331000 utm N
5330000 utm N
5329000 utm N

N

L6811
L8629
L8628
L6784
L6810
L8328
L3100E
L2900E
L8163
L10581
L6149
L6785
3008035
3013745
L7772
L8166
L3190
3009237
L2100E
L3216
L6896
3004560
L3000E
L2300E
L6900
L6899
L3089
L16600
L16599

TEC-001
TEC-002
TEC-003
TEC-004
TEC-005
TEC-006
TEC-007
TEC-008
TEC-009

L 3400 E
L 3300 E
L 3200 E
L 3100 E
L 3000 E
L 2900 E
L 2800 E
L 2700 E
L 2600 E
L 2500 E
L 2400 E
L 2300 E
L 2200 E
L 2100 E
L 2000 E
L 1900 E
L 1800 E
L 1700 E
L 1600 E
L 1500 E
L 1400 E
L 1300 E
L 1200 E
L 1100 E
L 4300 E
L 4200 E
L 4100 E
L 4000 E
L 3900 E
L 3800 E
L 3700 E
L 3600 E
L 3500 E
BL 1000 N

1 : 10 000

-100 0 100 200 300 400 500

DDH Located in UTM coordinates

Tech2Mine
Services Techniques Informatiques
Gemcom - Surpac - Autocad
MapInfo - ArcView - Corel .....
560-B 3e ave, Val-d'Or
Québec, Canada, J9P 1S4
Tel : 819-874-0782
Fax : 819-825-8930
www.tech2mine.com

Hinterland Metals Inc.
Teck Property
DDH Location map

Scale = 1:10 000 - UTM Nad83, Zone 17
Revision 0
Supervised by: Innovexplo Inc.
Date : May 2005

DRILL HOLE TEC-001

Hinterland Metals Inc.

DDH : TEC-001

Claims title : L6784
Township : Teck
Range :
Lot :

Section : L3900E
Level : 1760N
Work place : Chaput Hugues' core shack

Drilled by : Maurice Dubois & Richard Grenier (Forage Lafrenière)
Geologist : Julien Davy

From : 2005-03-10
Description date : 2005-03-12

To : 2005-03-11

Collar

Azimuth : 315.00°
Plunge : -50.00°
Length : 101.00m

UTM

Longitude (East)	564444.0
Latitude (North)	5330679.0
Elevation	0.0

Down hole survey

Type	Depth	Azimuth	Plunge
Acide	101.00m		

Core size : Core NQ

Cemented : No

Storage : Yes

Comments: Drilled on a IP anomaly.
Weak disseminated and veining mineralization in conglomeratic and fine grained sediments. Some porphyric intrusions. Sediments are strongly magnetic.
Caissing in place
Pictures of hole exist

DESCRIPTION

0.00	3.00	OB	
3.00	13.15	T1X; FGR	
	6.00	13.15	Hem
	7.35	7.90	VEI;5°;QzDo;;;Py02;
	9.35	11.32	T1L
	11.32	12.25	T1L
	12.20	13.30	VEI;5°;QzCb;;;Py01;
13.15	30.10	S4	
	13.15	30.10	Py01
	21.00	21.35	S4
30.10	38.10	T1c	
	30.25	30.37	I3; POR
	37.20	40.60	Hem-
	38.00	38.15	SHR
38.10	58.30	I3; POR	
	38.70	40.50	VEI;50°;Qz;;;Py01Hm01;
	40.50	41.25	VEI;55°;Qz;;;As50;
	40.60	47.90	Dol; Ser-
	42.77	49.40	I3; POR
	47.90	57.90	Dol+
	49.40	51.45	S10
	49.40	51.45	STW;2%;Qz;;;As50;
	50.70	50.77	FAU
	57.90	59.40	Oxy; Epi-
	57.90	59.40	Py02
	57.95	58.00	FRC+
	58.20	59.10	VEI;;QzCl;;;Py01Hm(sp)01;
58.30	76.10	T1c; FGR	
	59.00	59.05	FRC+
	59.40	61.80	Dol+
	59.45	59.50	FRC+
	61.80	101.00	Chl-
	66.00	66.05	FRC+
	68.70	68.75	FRC+
	69.65	69.70	FRC+
76.10	101.00	S4; S1	

101.00 DDH end

Number of samples : 36

Total lenght sampled : 27.45

Hinterland Metals Inc.

DESCRIPTION				ASSAYS							
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
0.00	3.00	OB									
		Overburden									
		- Blocs of fine grained, homogeneous unit;									
		- <1% fine grained and disseminaded PY.									
3.00	13.15	T1X; FGR									
		Felsic tuff (cristals)80°; Fine grained									
		- Very fine grained, dark green (chloritized) and generaly homogeneous unit;									
		- Succession of some layers but poorly bedded with parallel contacts angle around 80°;									
		- Some mm to dm thick layers of sub-angular to angular fragments;									
		- Fragments are porous => layers of lapillis tuff;									
		- Hard unit (silicification?);									
		- Some mm weak magnetic and fine grained layers (1%);									
		- Graded bedding observed in 2 different layers suggesting polarity up-hole (N135°)...									
	6.00	13.15	Hem	6.70	7.20	34001	0.50	0.04	0.001	0.04	0.001
			Hematization	7.20	7.90	34002	0.70	0.04	0.001		
			Weakly to strong pervasive hematization								
	7.35	7.90	VEI;5°;QzDo;;;Py02;	7.90	8.50	34003	0.60	0.03	0.001		
			Vein 5° Quartz Dolomite Pyrite02								
			- Qz-Dolomite sub-paralelle to c.a., mm wide vein with 2% fine grained and disseminated PY generally associated with wall-rock and sometimes in mm veinlets								
			- 1% specular hematite veinlets associated								
	9.35	11.32	T1L								
			Felsic tuff (lapillis)65°								
			- mm to cm wide sub-rounded to sub-angular fragments (20%) growing in size down-hole in the same dark aphanitic matrix.								
	11.32	12.25	T1L	12.00	12.50	34004	0.50	0.01	0.001		
			Felsic tuff (lapillis)								
			- Red brown (Hematization), homogeneous and bedded (65°) with few (trace) up to 2 mm wide sub angular fragments (lapillis?).								
	12.20	13.30	VEI;5°;QzCb;;;Py01;	12.50	13.00	34005	0.50	0.01	0.001		
			Veine 5° Quartz Carbonate Pyrite01	13.00	13.50	34006	0.50	0.00			
			- Qz-dolomite veining system sub-paralelle to c.a.								
			- mm to cm wide veins with 75% angular and "jointif" red-brown fragments (hematized)								
			- Very fine disseminated PY (1%) associated with veining system								
			- 1% mm speculare hematite veining associated								
13.15	30.10	S4									
		Conglomerate65°									
		- Upper contact masked by Qz-Do veining;									
		- Typical coarse clasted conglomerat (Temiskaming)									
		- 80% of cm to dm wide polygenic and rounded fragments (some cherty fragments);									
		- Moderate magnetism all over the unit;									
		- Weak hematization all over the unit;									
		- Pictures (001_Conglo01, 001_Conglo02)									
	13.15	30.10	Py01								
			Pyrite01%								
			Very fine cubic PY disseminated in the matrix (1%)								
	21.00	21.35	S4	26.50	27.50	34007	1.00	0.00			

			DESCRIPTION	From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
			Conglomerate65° - Mm to cm wide fragments - Smaller and fewer fragments (25%)								
30.10	38.10	T1c	**Tuf felsique à cendres65°** - Dark grey, homogeneous fine to mm grained unit with some evidences of bedding and with some (trace) cm silicified layers. - Strong magnetism... (no magnetite visible) - Few sub angular fragments => tuffs?								
	30.25	30.37	I3; POR **Mafic intrusion65°; Porphyric** Homogeneous aphanitic matrix with white rounded mm QZ amygdules								
	37.20	40.60	Hem- **Hematization (weak)** - Pervasive weak hematization	37.40 37.90	37.90 38.20	34008 34009	0.50 0.30	0.00 0.00			
	38.00	38.15	SHR **Sheared30°** Moderate shear zone bounderate by mm wide QZ+Chl faulted veins (with elongated QZ and Chl minerals) - Real thickness is 5 cm wide with conjugate and openspace veins - Trace of PY - Rising dolomitic alteration in the shear zone								
38.10	58.30	I3; POR **Mafic intrusion; Porphyric** - Sharp upper (75°) and lower (65°) contacts - Reddish grey, aphanitic and homogeneous matrix with 10% mm to cm (rarely) monogenetic and sub-angular clasts (porphyry). These clast have strong alteration halos which give them a diffuse aspect; - 50% of the porphyries contain mm specular hematite; - Unit is generally hematized and silicified.		38.20	38.70	34010	0.50	0.00			
	38.70	40.50	VEI;50°;Qz;;;Py01Hm01; **Veine 50° Quartz Pyrite01 Hématite spéculaire01** - 2 Veining system crossing limited in the cherty zone: 1) @ 50° to c.a. with regular mm wide white creamy Qz (dolomite?) brecciated the matrix (mm to cm angular and "jointif" brown-red fragments) 2) @ 5° (sub-paralelle) to c.a. cutting the first set of veining with white creamy to dark quartz also brecciated the matrix. Both system are carring mm and fine cubic PY and hematite	38.70 39.15 39.70 40.10	39.15 39.70 40.10 40.60	34011 34012 34013 34014	0.45 0.55 0.40 0.50	0.01 0.00 0.00 0.00	0.001	0.00	
	40.50	41.25	VEI;55°;Qz;;;As50; **Veine 55° Quartz Arsénopyrite50** - Few mm, homogeneous specular hematite veinlets. - 10cm of stockwerk								
	40.60	47.90	Dol; Ser- **Dolomite (medium); Sericitization (weak)** - More intense dolomitization with cm to dm wide patches of pale grey homogeneous dolomitization - mm patches of sericitization (5%)	40.60 41.10 42.00	41.10 42.00 42.77	34015 34016 34017	0.50 0.90 0.77	0.01 0.00 0.00	0.001	0.00	
	42.77	49.40	I3; POR	42.77	43.15	34018	0.38	0.01	0.001		

Hinterland Metals Inc.

			DESCRIPTION	ASSAYS							
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
			Mafic intrusion; Porphyric	45.00	46.00	34019	1.00	0.02	0.001		
			- Several metric grey to brown mm polygenetic sub-angular fragmental units => Tuff	46.00	47.00	34020	1.00	0.00		0.02	0.001
			or wall rock fragments in intrusion?	47.00	48.00	34021	1.00	0.00			
			- Nice graded bedding @ 47.6m (polarity up-hole)								
	47.90	57.90	Dol+	48.00	49.40	34022	1.40	0.01	0.001		
			Dolomite (strong)								
			Pervasive strong dm wide creamy patches dolomitization								
	49.40	51.45	S10								
			Chert								
			- Brown redish chert same as above with less veinlets								
			- Very fine disseminated PY								
	49.40	51.45	STW;2%;Qz;;;As50;	49.40	50.00	34023	0.60	0.02	0.001		
			Stockwerk 2% Quartz Arsénopyrite50	50.00	51.00	34024	1.00	0.02	0.001		
			- 2 Veining systems cross-cutting (limited in the cherty zone):								
			1) mm wide, dark grey specular hematite veinlets cutting in all directions (stockwerk 2%)								
			2) mm wide, white QZ veins (1%)								
	50.70	50.77	FAU	51.00	51.75	34025	0.75	0.02	0.001		
			Fault45°	51.75	52.75	34026	1.00	0.01	0.001		
			- Sharp fault with chloritized faces and moderate oxydation	52.75	53.75	34027	1.00	0.00			
				53.75	54.10	34028	0.35	0.00			
				54.10	55.00	34029	0.90	0.01	0.001		
				55.00	56.00	34030	1.00	0.00			
				56.00	57.00	34031	1.00	0.01	0.001		
				57.00	57.90	34032	0.90	0.02	0.001		
	57.90	59.40	Oxy; Epi-								
			Oxydation; Epidotization (weak)								
			- Rusty brown color associated with faults.								
			- Weak epidotization visible by mm veinlets (2%)								
	57.90	59.40	Py02	57.90	58.50	34033	0.60	0.08	0.002	0.07	0.002
			Pyrite02%								
			Fine grained, generaly disseminated but sometimes by patches, PY in matrix								
	57.95	58.00	FRC+								
			Fracturation (strong)80°								
			Fractured rock								
	58.20	59.10	VEI;;QzCl;;;Py01Hm(sp)01;								
			Vein Quartz Chlorite Pyrite01 Specular hematite01								
			Some mm to cm wide creamy white to dark green QZ+Chl veins cutting in several directions with 1% fine PY+HM								
58.30	76.10	T1c; FGR		58.50	59.50	34034	1.00	0.01	0.001		
			Felsic tuff (ash); Fine grained								
			- Grey, massive and homogeneous fine grained unit, poorly bedded => tuff? or sediments?								
			- Weak magnetized with few mm layers of magnetite (around 68 m)								
	59.00	59.05	FRC+								
			Fracturation (strong)								
			Fractured rock								
	59.40	61.80	Dol+								
			Dolomite (strong)								

			DESCRIPTION	From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
			Pervasive strong dm wide creamy patches dolomitization decreasing down-hole								
	59.45	59.50	FRC+	59.50	61.00	34035	1.50	0.00			
			Fracturation (strong)	61.00	62.40	34036	1.40	0.00			
			Fractured rock								
	61.80	101.00	Chl-								
			Chloritisation faible								
			Weak homogeneous chloritization								
	66.00	66.05	FRC+								
			Fracturation (strong)								
			Fractured rock								
	68.70	68.75	FRC+								
			Fracturation (strong)								
			Grinded core								
	69.65	69.70	FRC+								
			Fracturation (strong)								
			Fractured rock								
76.10	101.00		S4; S1								
			Conglomerate; Sandstone								
			Cm to dm wide polygenic clasts conglomerats alternates with 20% of homogeneous grey sandstones								
101.00	**DDH end**										
	Number of samples : 36										
	Total lenght sampled : 27.45										

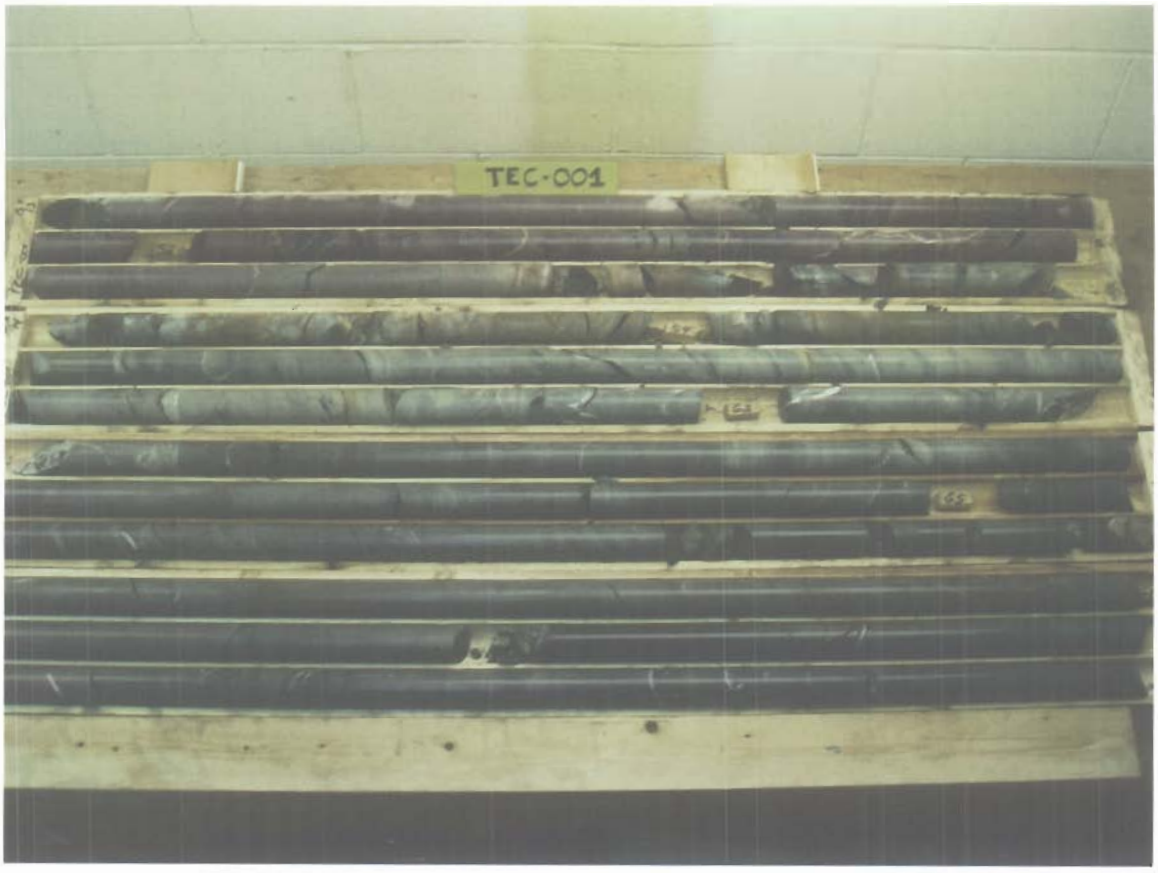
Hinterland Metals Inc.

From	To	NUMBER	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
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7.20	7.90	34002	0.70	0.04	0.001		
7.90	8.50	34003	0.60	0.03	0.001		
12.00	12.50	34004	0.50	0.01	0.001		
12.50	13.00	34005	0.50	0.01	0.001		
13.00	13.50	34006	0.50	0.00			
26.50	27.50	34007	1.00	0.00			
37.40	37.90	34008	0.50	0.00			
37.90	38.20	34009	0.30	0.00			
38.20	38.70	34010	0.50	0.00			
38.70	39.15	34011	0.45	0.01	0.001		
39.15	39.70	34012	0.55	0.00		0.00	
39.70	40.10	34013	0.40	0.00			
40.10	40.60	34014	0.50	0.00			
40.60	41.10	34015	0.50	0.01	0.001	0.00	
41.10	42.00	34016	0.90	0.00			
42.00	42.77	34017	0.77	0.00			
42.77	43.15	34018	0.38	0.01	0.001		
45.00	46.00	34019	1.00	0.02	0.001		
46.00	47.00	34020	1.00	0.00		0.02	0.001
47.00	48.00	34021	1.00	0.00			
48.00	49.40	34022	1.40	0.01	0.001		
49.40	50.00	34023	0.60	0.02	0.001		
50.00	51.00	34024	1.00	0.02	0.001		
51.00	51.75	34025	0.75	0.02	0.001		
51.75	52.75	34026	1.00	0.01	0.001		
52.75	53.75	34027	1.00	0.00			
53.75	54.10	34028	0.35	0.00			
54.10	55.00	34029	0.90	0.01	0.001		
55.00	56.00	34030	1.00	0.00			
56.00	57.00	34031	1.00	0.01	0.001		
57.00	57.90	34032	0.90	0.02	0.001		
57.90	58.50	34033	0.60	0.08	0.002	0.07	0.002
58.50	59.50	34034	1.00	0.01	0.001		
59.50	61.00	34035	1.50	0.00			
61.00	62.40	34036	1.40	0.00			


TEC-001


TEC-001


TEC-001

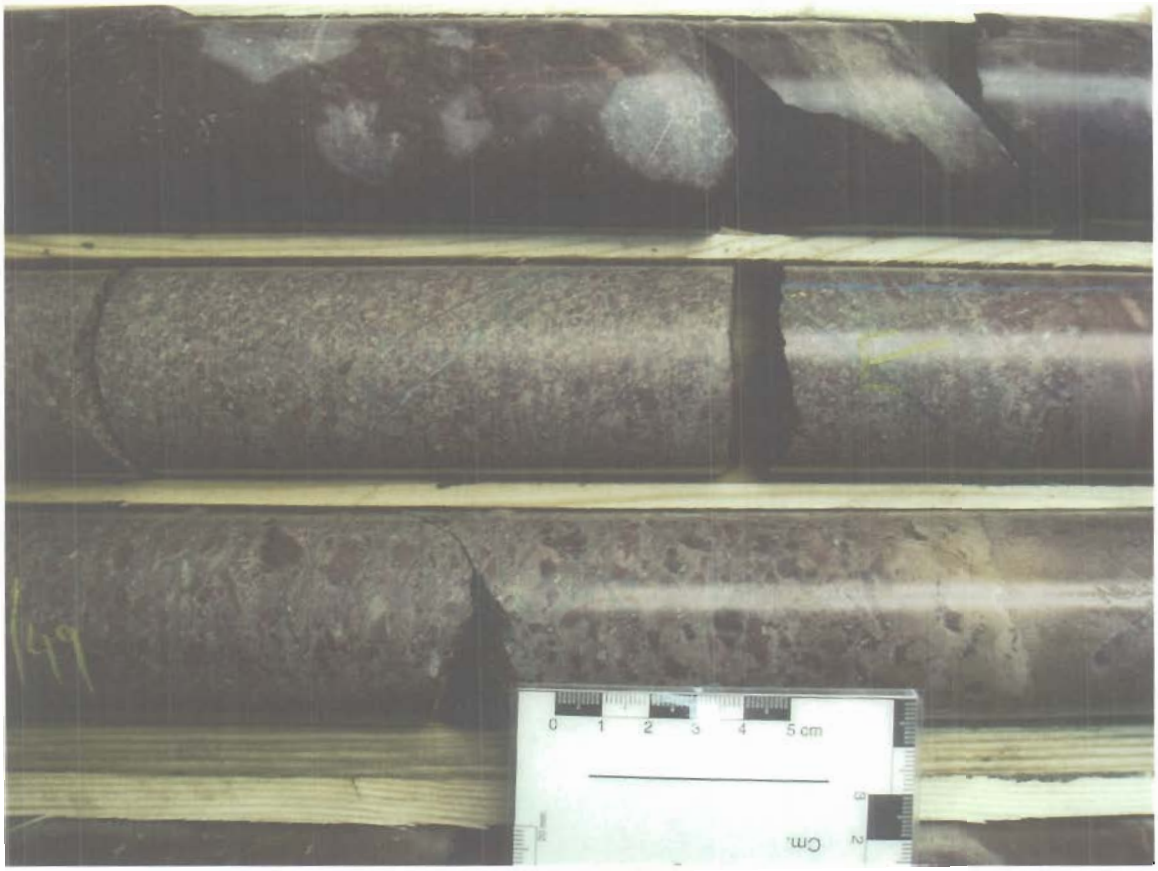

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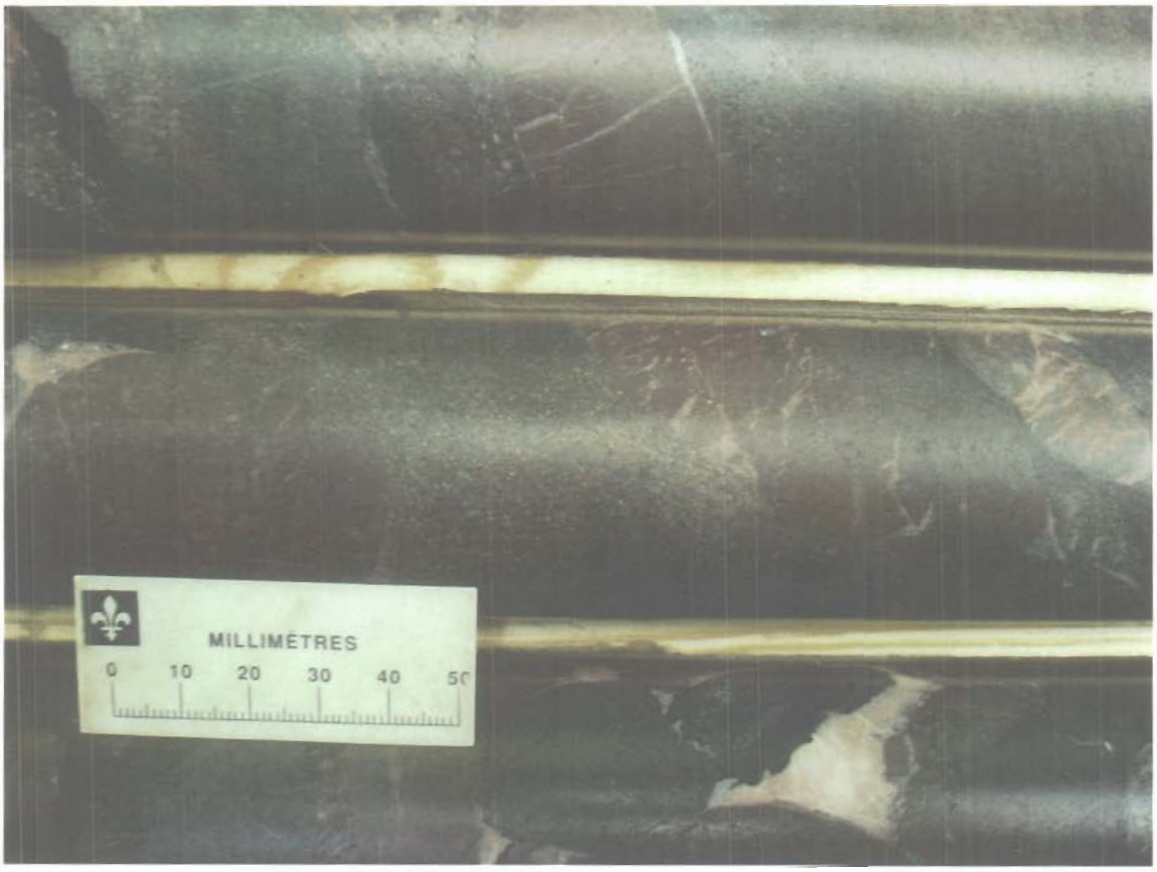

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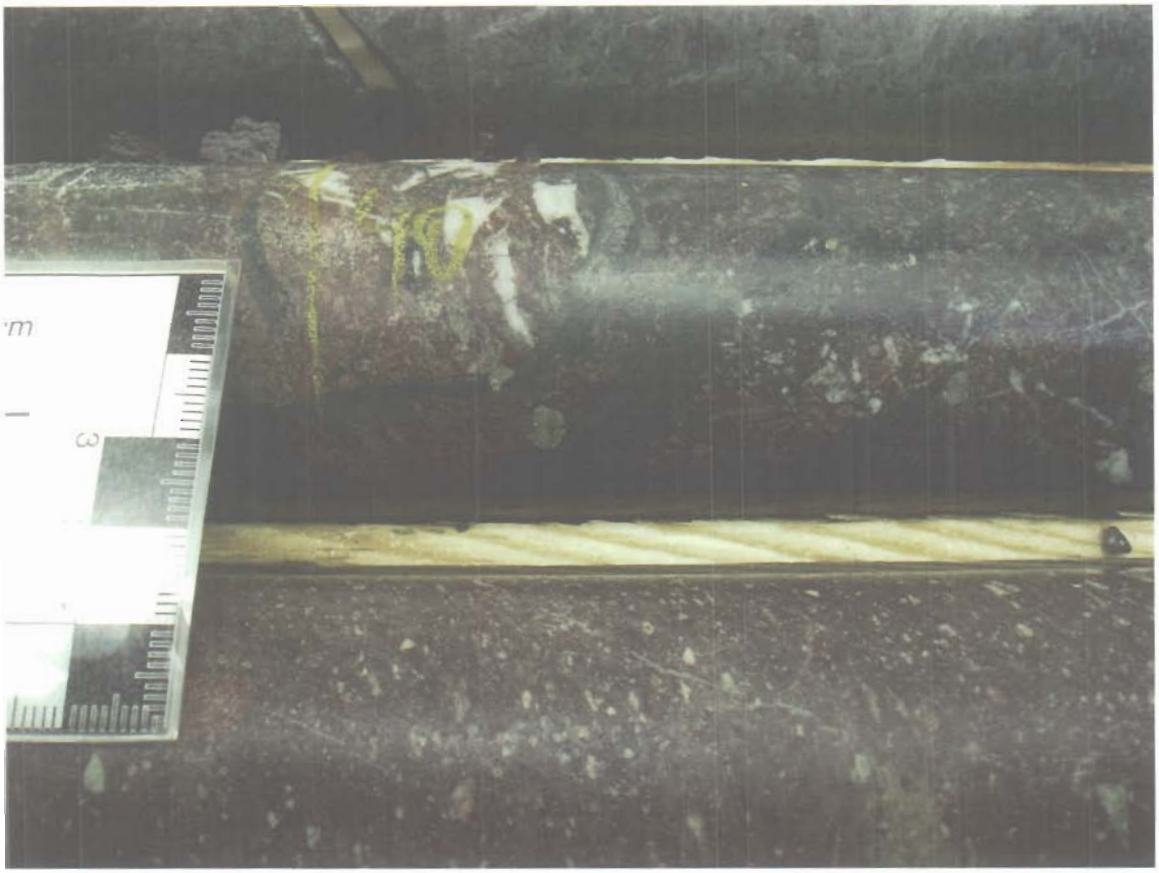

TEC-001
END OF HOLE

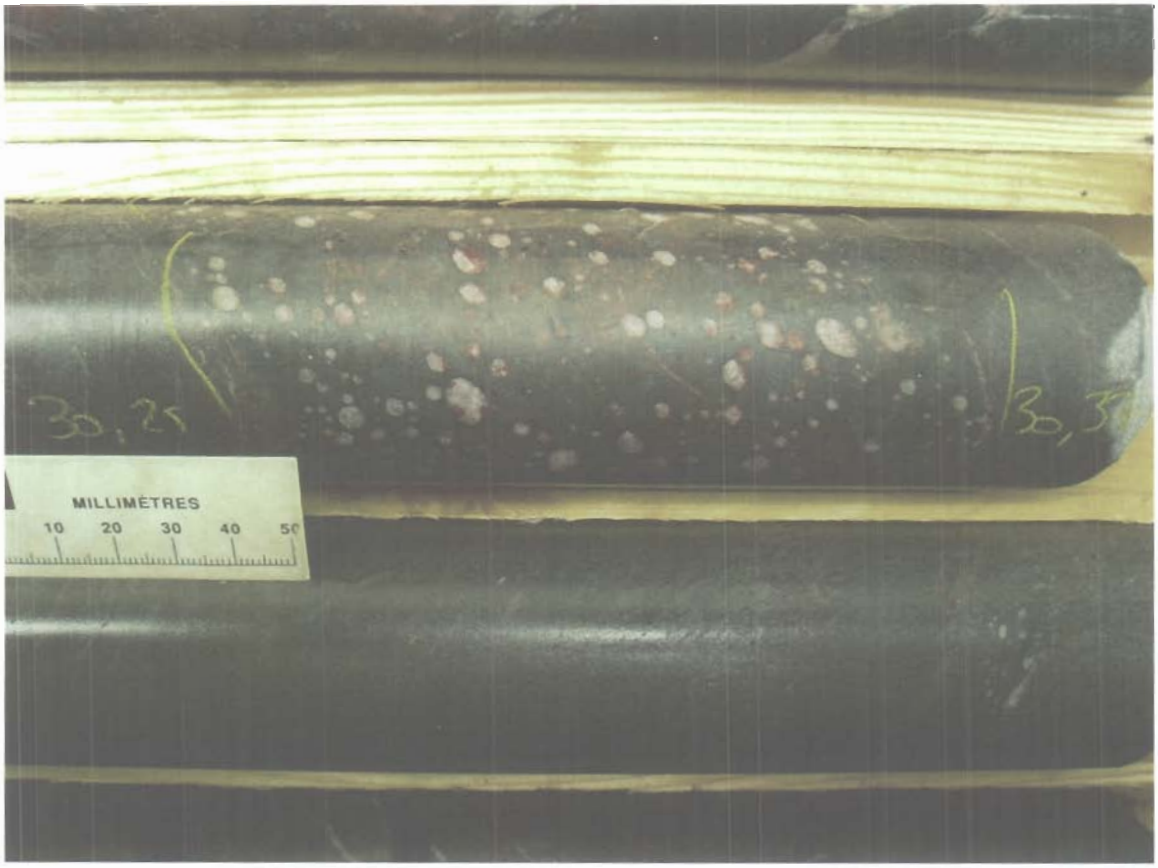

14
MILLIMÈTRES
10 20 30 40 50

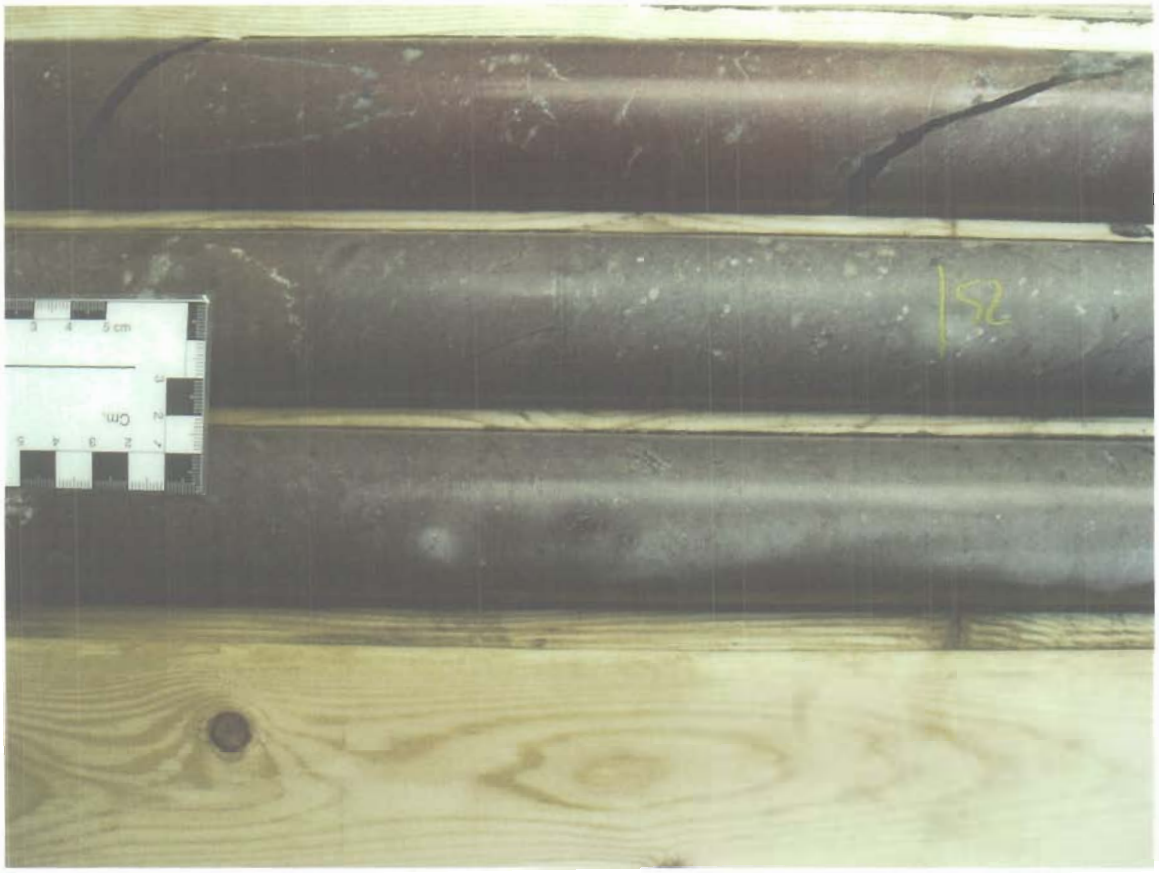

MILLIMÈTRES
0 10 20 30 40 50

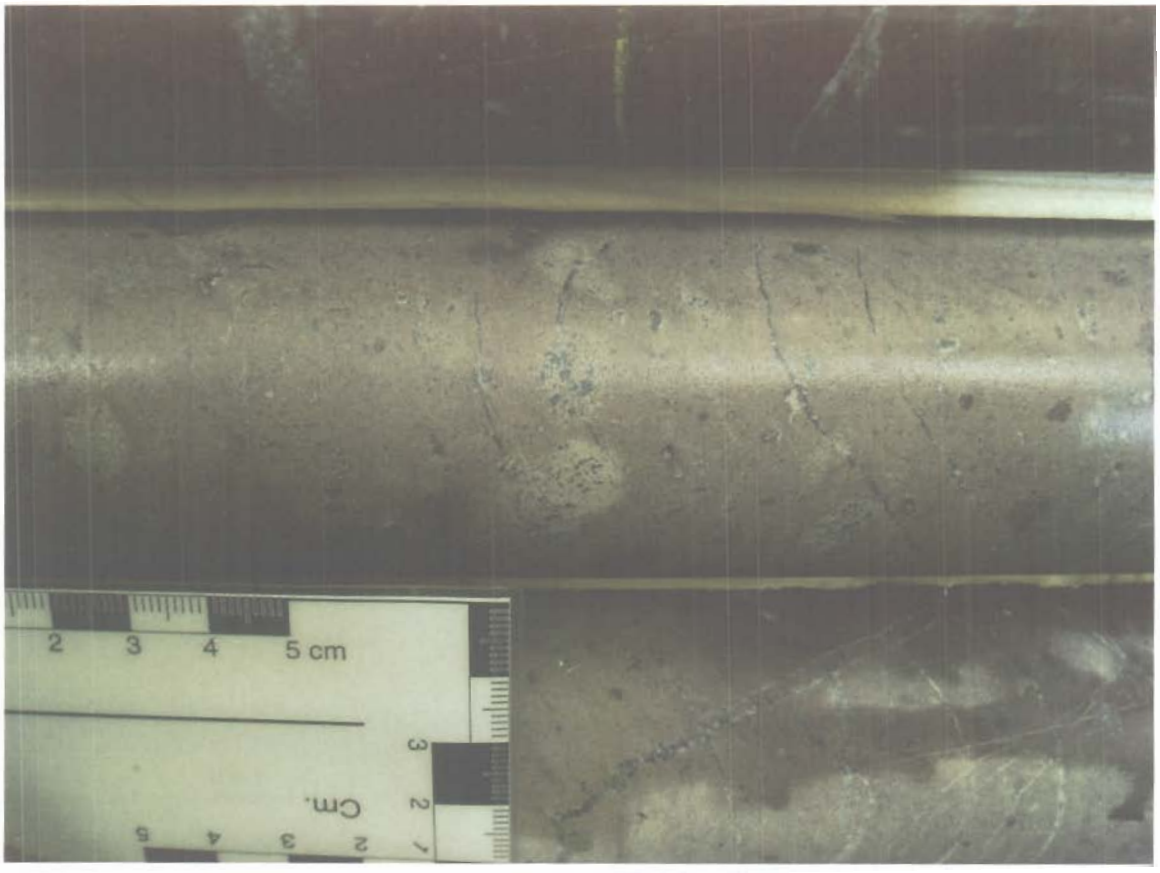

0 1 2 3 4 5 cm
Cm.

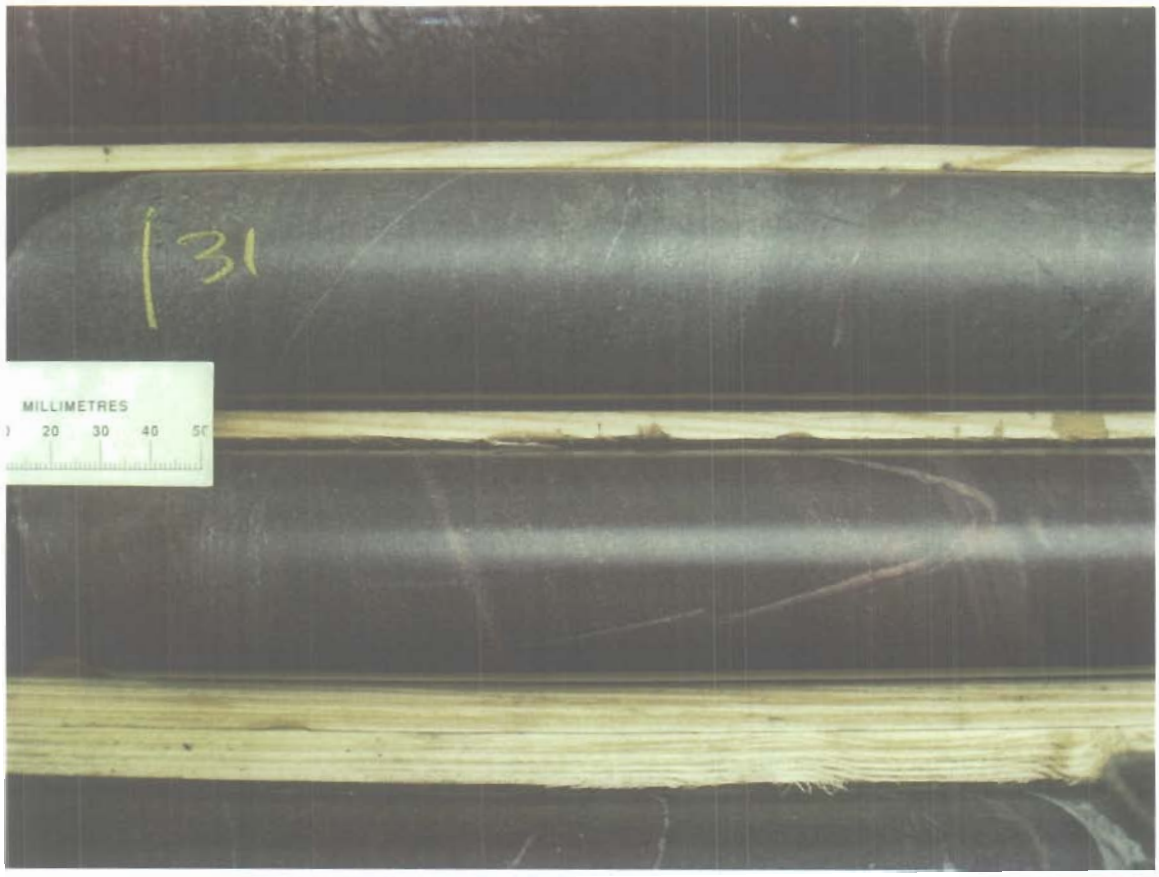

MILLIMÈTRES
0 10 20 30 40 50



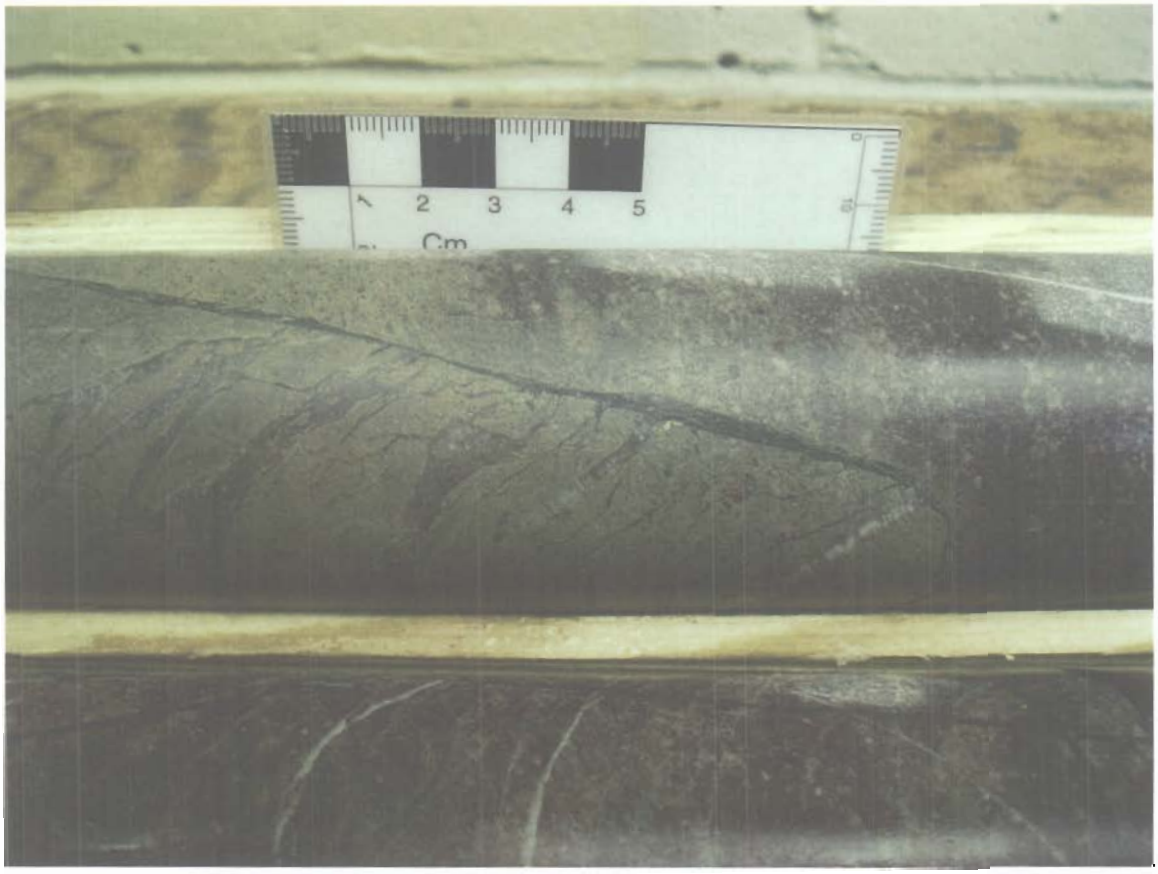

MILLIMÈTRES
10 20 30 40 50

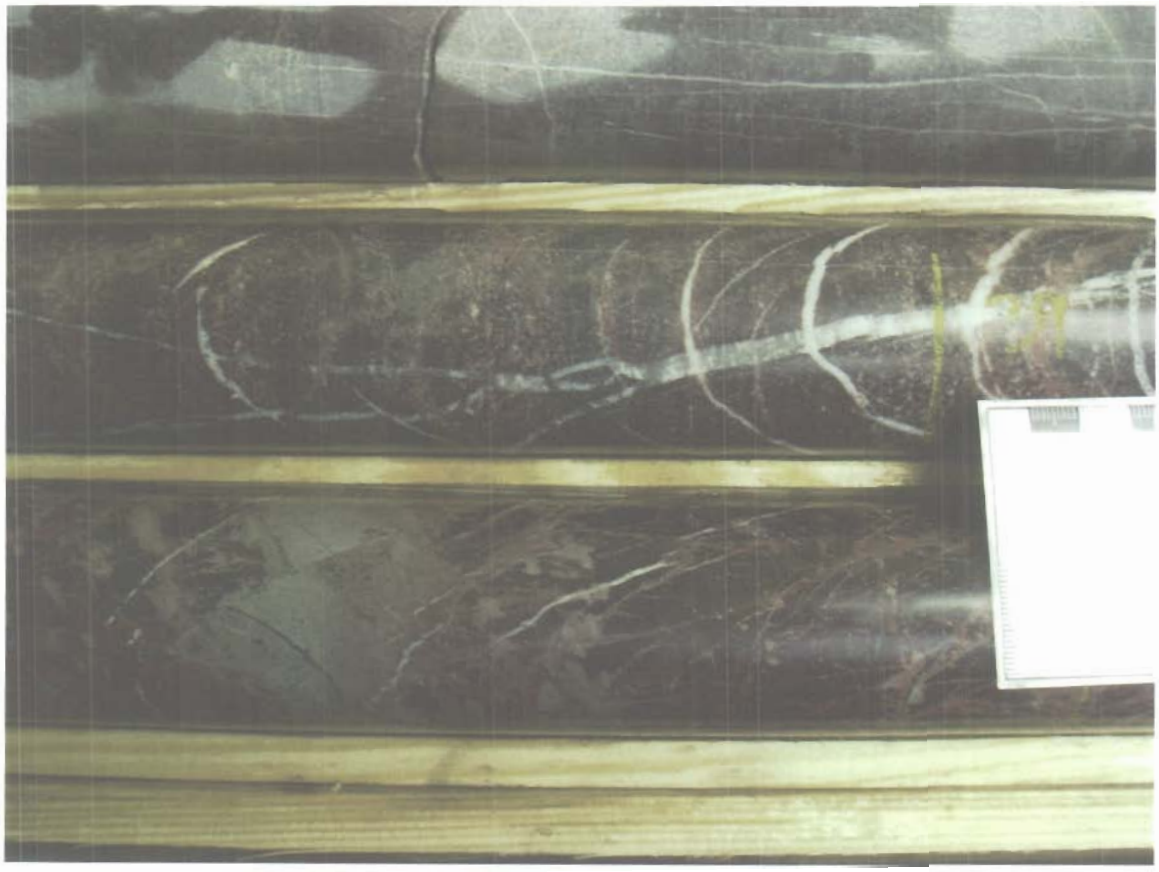

152


2
3
4
5 cm
Cm.


131
MILLIMETRES
20
30
40

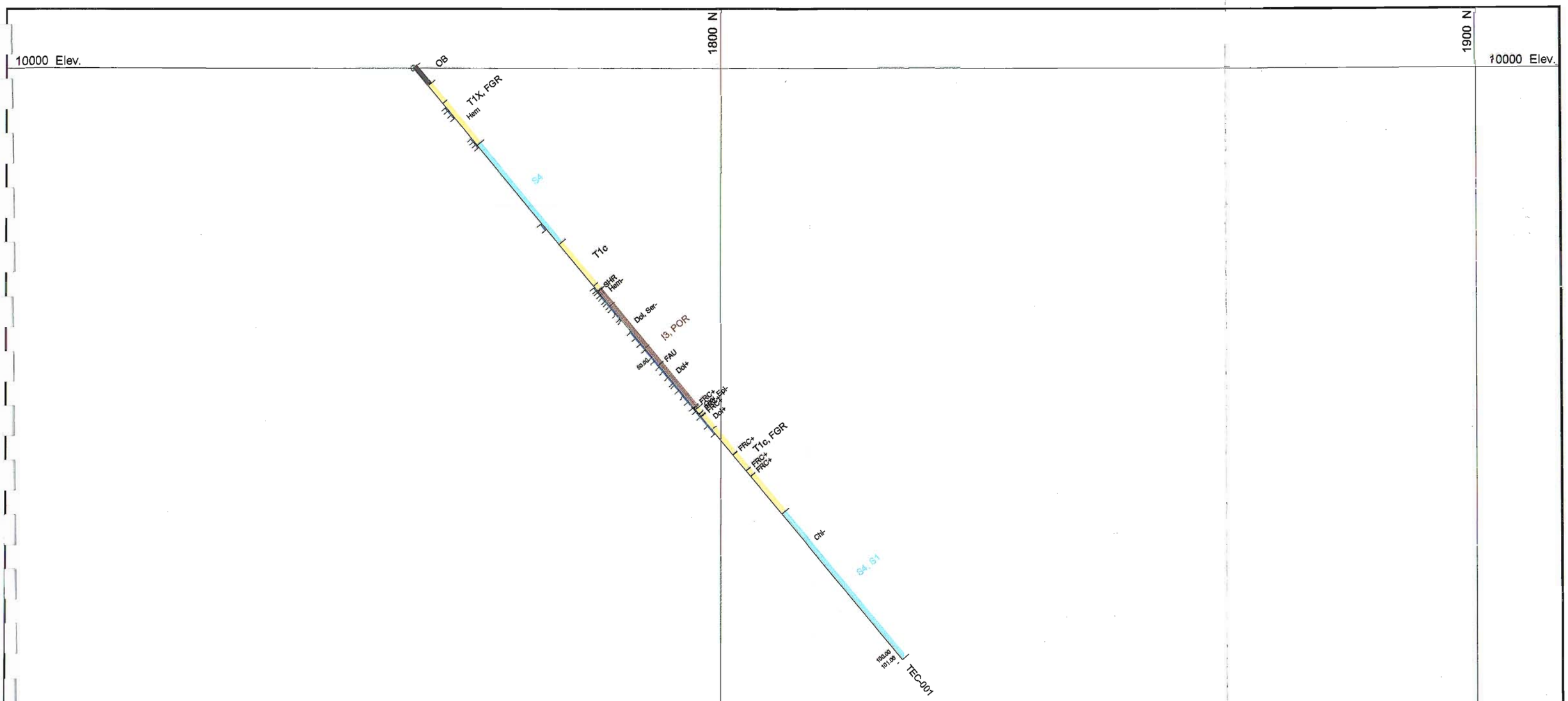

38


2
3
4
5
Cm




0 10 20 mm


97



Geological Legend

I2	Intermediate intrusion
I2D	Syenite
I3	Mafic intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

Structural Legend

FAU	Fault
FOL	Foliated
FRC	Fracture
SHR	Sheared
-	Weak
	Medium
+	Strong

Alteration Legend

Car	Carbonatisation
Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1 : 500

-5 0 5 10 15 20 25

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Hinterland Metals Inc.

Teck Property

Section L 3900 E - Hole TEC-001

Scale = 1:500
Revision 0
Supervised by: Innovexplo Inc.
Date : May 2005

DRILL HOLE TEC-002

Hinterland Metals Inc.

DDH : TEC-002

Claims title : L6785
Township : Teck
Range :
Lot :

Section : L3800E
Level : 1720N
Work place : Chaput Hugues' core shack

Drilled by : Maurice Dubois & Richard Grenier (Forage Lafrenière)
Geologist : Julien Davy

From : 2005-03-12
Description date : 2005-03-14

To : 2005-03-13

Collar

Azimuth : 315.00°
Plunge : -50.00°
Length : 107.00m

UTM

Longitude (East)	564343.0
Latitude (North)	5330603.0
Elevation	0.0

Down hole survey

Type	Depth	Azimuth	Plunge
Flexit	10.00m	313.91°	-50.08°
Flexit	13.00m	319.10°	-46.96°
Flexit	16.00m	318.00°	-50.05°
Flexit	19.00m	316.25°	-50.05°
Flexit	22.00m	313.02°	-49.93°
Flexit	25.00m	313.29°	-50.41°
Flexit	28.00m	312.68°	-49.94°
Flexit	31.00m	316.40°	-51.38°
Flexit	34.00m	314.97°	-49.82°
Flexit	37.00m	315.50°	-49.83°
Flexit	40.00m	304.00°	-49.90°
Flexit	43.00m	311.53°	-50.16°
Flexit	46.00m	311.61°	-49.98°
Flexit	49.00m	313.58°	-49.81°
Flexit	52.00m	316.91°	-49.20°
Flexit	55.00m	318.93°	-49.09°
Flexit	58.00m	318.80°	-49.02°
Flexit	61.00m	317.19°	-49.29°
Flexit	64.00m	314.09°	-49.16°
Flexit	67.00m	309.19°	-48.71°
Flexit	70.00m	319.11°	-48.70°
Flexit	73.00m	317.22°	-48.48°
Flexit	76.00m	318.95°	-48.35°
Flexit	79.00m	301.63°	-54.31°

Type	Depth	Azimuth	Plunge
Flexit	82.00m	313.78°	-48.39°
Flexit	85.00m	318.55°	-48.69°
Flexit	88.00m	319.91°	-48.36°
Flexit	91.00m	315.93°	-48.71°
Flexit	94.00m	313.90°	-48.70°
Flexit	97.00m	319.83°	-44.12°
Flexit	100.00m	314.53°	-48.47°
Flexit	103.00m	316.05°	-48.44°

Core size : Carotte NQ
Cemented : No
Storage : No

Comments: Drilling an IP anomaly similar to TEC-001
Conglomerate rich with lots of fault and mm to cm wide shearing and with DOL-SER alteration associated. Strong hematization overprinting.
Some Py disseminated or associated with altered zones
Caising in place

			DESCRIPTION
0.00	3.00	OB	
3.00	15.20	T1c	
	3.00	9.12	Dol
	4.00	9.00	VEI;;Qz;;;;
	8.00	8.10	FRC+
	8.50	8.55	FRC+
	9.12	13.00	Dol+; Hem
	9.50	19.20	Py
	9.50	13.00	VEI;;Mo;T;;;
	11.95	12.00	FRC-
	13.05	13.10	FRC-
	13.50	15.00	VEI;;QzCb;;;;
15.20	58.00	Cong	
	17.80	26.00	Hem
	18.75	19.00	FRC+
	19.50	30.25	VEI;35°;QzCb;;;Py01;
	19.80	19.90	FRC-
	31.45	32.10	Sand
	32.33	32.38	FRC
	33.40	34.70	Sand
	34.70	34.75	SHR
	38.00	40.00	Py01
	38.88	38.90	VEI;;Qz;T;;;
	42.70	42.80	I3; POR
	43.90	45.00	Sand
	53.30	53.50	FAU
	53.50	58.00	FRC-
58.00	62.32	Sand	
62.32	80.15	Cong	
	67.05	68.60	I3
	74.75	79.50	SHR
	74.75	79.50	VEI;55°;Qz;;;Py01;
80.15	84.00	T1c	
	80.15	101.00	Dol; Ser
	83.20	83.23	FAU
	83.60	83.78	SHR
	83.60	88.82	VEI;55°;QzCb;;;Py01Mo01;
	83.78	88.70	SHR+
	88.70	88.82	SHR+
88.82	100.25	Cong	
	89.35	89.60	VEI;65°;QzCb;;;Py0.5;
	95.07	95.15	VEI;50°;QzCb;;;Py0.5MoMo01;
	98.00	100.25	SHR; FRC+
	98.30	98.70	VEI;45°;Qz;;;Py01Mo03;
100.25	107.00	T1c	

	DESCRIPTION
107.00	**DDH end** **Number of samples : 38** **Total lenght sampled : 31.45**

Hinterland Metals Inc.

DESCRIPTION				ASSAYS							
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
0.00	3.00	OB									
		Overburden									
		Blocks									
3.00	15.20	T1c									
		Felsic tuff (ash)									
		- Dark chloritized fine grained unit with some bedding evidences.									
		- 1% of mm felsique cristals (cristal tuff?)									
		- Silicified unit (hard)									
		- Fine grained disseminated PY									
		- Some mm wide QZ-DOL veinlets.									
	3.00	9.12	Dol								
			Dolomite (medium)								
			Medium pervasive dolomitization								
	4.00	9.00	VEI;;Qz;;;;								
			Veine Quartz								
			- 1% mm wide veinlets without specific direction								
			- No mineralization visible associated								
	8.00	8.10	FRC+								
			Fracturation (strong)								
			Grinded rock								
	8.50	8.55	FRC+	8.50	9.12	34037	0.62	0.00			
			Fracturation (strong)								
			Grinded rocks								
	9.12	13.00	Dol+; Hem	9.12	9.50	34038	0.38	0.00			
			Dolomite (strong); Hematization								
			- Durty aspect of the unit								
			- Brownish-red with some creamy patches covering the whole rock and suggesting that Hem alteration overprints the Dol alteration								
			- Some weak sericitization usually associated with hematized fragments								
	9.50	19.20	Py								
			Pyrite								
			1% of very fine grained, disseminated pyrite (sometimes by mm patches) associated with alteration								
	9.50	13.00	VEI;;Mo;T;;;	9.50	10.50	34039	1.00	0.04	0.001		
			Vein Molybdenum Tension	10.50	11.50	34040	1.00	0.09	0.003	0.10	0.003
			1% of mm wide, dark grey, crosscuting without specific direction molybdenum veinlets (specular hematite?)	11.50	12.50	34041	1.00	0.02	0.001		
	11.95	12.00	FRC-	12.50	13.50	34042	1.00	0.01	0.001		
			Fracturation (weak)								
			Fractured core								
	13.05	13.10	FRC-								
			Fracturation (weak)								
			Fractured and gouged core								
	13.50	15.00	VEI;;QzCb;;;;	13.50	14.50	34043	1.00	0.01	0.001		
			Vein Quartz Carbonate	14.50	15.50	34044	1.00	0.00			
			5% decreassing down-hole of mm to cm wide QZ-DOL veins generally @ 45° to c.a.								
			- Trace of PY associated								
15.20	58.00	Cong		15.50	16.50	34045	1.00	0.00			

Hinterland Metals Inc.

		DESCRIPTION	ASSAYS							
			From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
		Conglomerate	16.50	17.50	34046	1.00	0.01	0.001		
		- Cm to dm wide polygenic, fragment rich (60%) conglomerate	17.50	18.50	34047	1.00	0.00			
		- Some clasts size variations but generally large clasts in aphanitic matrix								
		- Some cherty fragments								
		- Moderate magnetism all over the unit								
17.80	26.00	Hem	18.50	19.50	34048	1.00	0.00			
		Hematization								
		- Moderate to strongly hematized and chloritized conglomerate decreassing in intensity down-hole.								
		- Some clasts are completly hematized								
18.75	19.00	FRC+								
		Fracturation (strong)								
		Strongly fractured and gouged core								
19.50	30.25	VEl;35°;QzCb;;;Py01;	19.50	20.50	34049	1.00	0.02	0.001	0.01	0.001
		Vein 35° Quartz Carbonate Pyrite01								
		- 2-3% of mm to cm wide, white creamy, Qz-Dol veins cutting generally @ 35° to 45° to c.a.								
		- Fine disseminated Py (trace)								
19.80	19.90	FRC-	23.00	24.00	34050	1.00	0.00			
		Fracturation (weak)	24.00	24.50	34051	0.50	0.04	0.001	0.06	0.002
		Fractured core								
31.45	32.10	Sand								
		Sandstone								
		Gray, homogeneous, coarse grained unit, in progressisve contact with the conglemerate								
32.33	32.38	FRC								
		Fractured								
		Grinded core								
33.40	34.70	Sand								
		Sandstone								
		Gray, homogeneous, coarse grained unit, in progressisve contact with the conglemerate								
34.70	34.75	SHR								
		Sheared65°								
		5 cm wide with moderate shearing and less competent rock @ 65° to c.a.								
38.00	40.00	Py01	38.00	39.00	34052	1.00	0.06	0.002		
		Pyrite01%								
		Fine grained, disseminated PY in matrix and in clasts (hydrothermal PY?)								
		No alteration visible associated								
38.88	38.90	VEl;;Qz;T;;;	39.00	39.80	34053	0.80	0.00			
		Vein Quartz Tension	39.80	40.10	34054	0.30	0.00			
		Open space Qz-Dol vein	42.60	42.90	34055	0.30	0.01	0.001	0.02	0.001
		- No mineralisation visible								
42.70	42.80	I3; POR								
		Mafic intrusion; Porphyric								
		- Medium brown, aphanitic and strongly silicified matrix with mm, white phenocrists								
		- Sharp upper and lower contacts @ 55° to c.a.								
43.90	45.00	Sand								

			DESCRIPTION	ASSAYS							
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
			Sandstone55° - Progressive contacts - Homogeneous, massive and dark grey coarse grained unit with some (1% max) clasts same as conglomerate above and below.								
	53.30	53.50	FAU **Fault** Fractured core with 5mm wide gauge in middle								
	53.50	58.00	FRC- **Fracturation (weak)** Weak fracturation of core causing 30 cm core pieces								
58.00	62.32		Sand **Sandstone** - Progressive contacts - Homogeneous, massive and dark grey coarse grained unit with some (1% max) clasts same as conglomerate above and below. - Some (<1%) mm white Qz-Dol veinlets cutting in all direction - Moderate magnetism all over the unit								
62.32	80.15		Cong **Conglomerate** Continuation of the same conglomerate as above - Cm to dm wide polygenic, fragment rich (60%) conglomerate - Some clasts size variations but generally large clasts in aphanitic matrix - Some cherty fragments - Moderate magnetism all over the unit	66.90	67.70	34056	0.80	0.02	0.001		
	67.05	68.60	I3 **Mafic intrusion** - Sharp upper and lower waved contacts - Dark brownish grey, homogeneous and massive chloritized intrusion - 1% of mm chlorite cristals - Few fine grained PY at contacts	67.70 74.60	68.50 75.60	34057 34058	0.80 1.00	0.01 0.00	0.001		
	74.75	79.50	SHR **Sheared55°** - Strongly foliated conglomerate with numerous sericitized plans showing displacement associated with tension QZ-DOL veins - <1% fine grained PY disseminated in matrix - 2% PY associated with shear margins								
	74.75	79.50	VEI;55°;Qz;;;Py01; **Vein 55° Quartz Pyrite01** 2-3% of Qz veining associated with the deformation zone	75.60 76.60 77.60 78.60	76.60 77.60 78.60 79.60	34059 34060 34061 34062	1.00 1.00 1.00 1.00	0.00 0.00 0.01 0.00	0.001		
80.15	84.00		T1c **Felsic tuff (ash)** - Sharp upper contact @80° - Homogeneous, massive unit with < 1% mm and rounded fragments - Ash tuff or siltstone?								
	80.15	101.00	Dol; Ser **Dolomite (medium); Sericitization** Large zone, covering different lithologies of medium dolomitization with some								

			DESCRIPTION	ASSAYS							
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
			sericitization								
			- some weak patches of hematization localy								
	83.20	83.23	FAU								
			Fault30°								
			Oxydized 3mm wide fault								
	83.60	83.78	SHR								
			Sheared60°								
			- Dm wide competant shear zone completely sericitized with mm ser veinlets ar contacts								
			- 2% of mm molybdenum veinlets at 65° to c.a. and 35° to bounderies								
	83.60	88.82	VEI;55°;QzCb;;;Py01Mo01;								
			Vein 55° Quartz Carbonate Pyrite01 Molybdenum01								
			2-5% qz-dol veining associated with shear zone								
			- 1% PY + 1% MB in veins, very few in matrix.								
	83.78	88.70	SHR+	85.00	86.00	34063	1.00	0.00			
			Sheared65°	86.00	87.00	34064	1.00	0.00			
			- Medium fractured, mixte and heterogeneous unit with fragments, shearing and strong alteration.	87.00	88.00	34065	1.00	0.02	0.001		
			- < 1% sulphides disseminated, some in veins	88.00	88.92	34066	0.92	0.00			
			- Ogly aspect								
	88.70	88.82	SHR+								
			Sheared65°								
			Same shear as 83.60m								
			- Dm wide competant shear zone completely sericitized with mm ser veinlets at contacts								
			- 1% of mm molybdenum veinlets at 65° to c.a. and 35° to bounderies and 1% of tension Qz veinlets (90° from bounderies)								
88.82	100.25	Cong		88.92	89.30	34067	0.38	0.00			
			Conglomerate	89.30	89.67	34068	0.37	0.01	0.001		
			Continuation of the same conglomerate as above								
			- Cm to dm wide polygenic, fragment rich (60%) conglomerate								
			- Some clasts size variations but generally large clasts in aphanitic matrix								
			- Some cherty fragments								
			- Moderate magnetism all over the unit								
	89.35	89.60	VEI;65°;QzCb;;;Py0.5;	89.67	90.70	34069	1.03	0.00			
			Vein 65° Quartz Carbonate Pyrite0.	95.00	95.25	34070	0.25	0.08	0.002	0.08	0.002
			Cm wide white qz-dol veins with sericitization								
			- trace of PY								
	95.07	95.15	VEI;50°;QzCb;;;Py0.5MoMo01;								
			Vein 50° Quartz Carbonate Pyrite0. oM 1								
			Cm wide white qz-dol veins with sericitization								
			- trace of PY +1%Mb								
	98.00	100.25	SHR; FRC+	98.00	99.00	34071	1.00	0.00			
			Sheared55°; Fracturation (strong)55°								
			Strong foliation with shearing along sericitized layers boundering a strong fractured and gauged zone								
	98.30	98.70	VEI;45°;Qz;;;Py01Mo03;	99.00	100.00	34072	1.00	0.00			
			Vein 45° Quartz Pyrite01 Molybdenum03	100.00	100.25	34073	0.25	0.00			

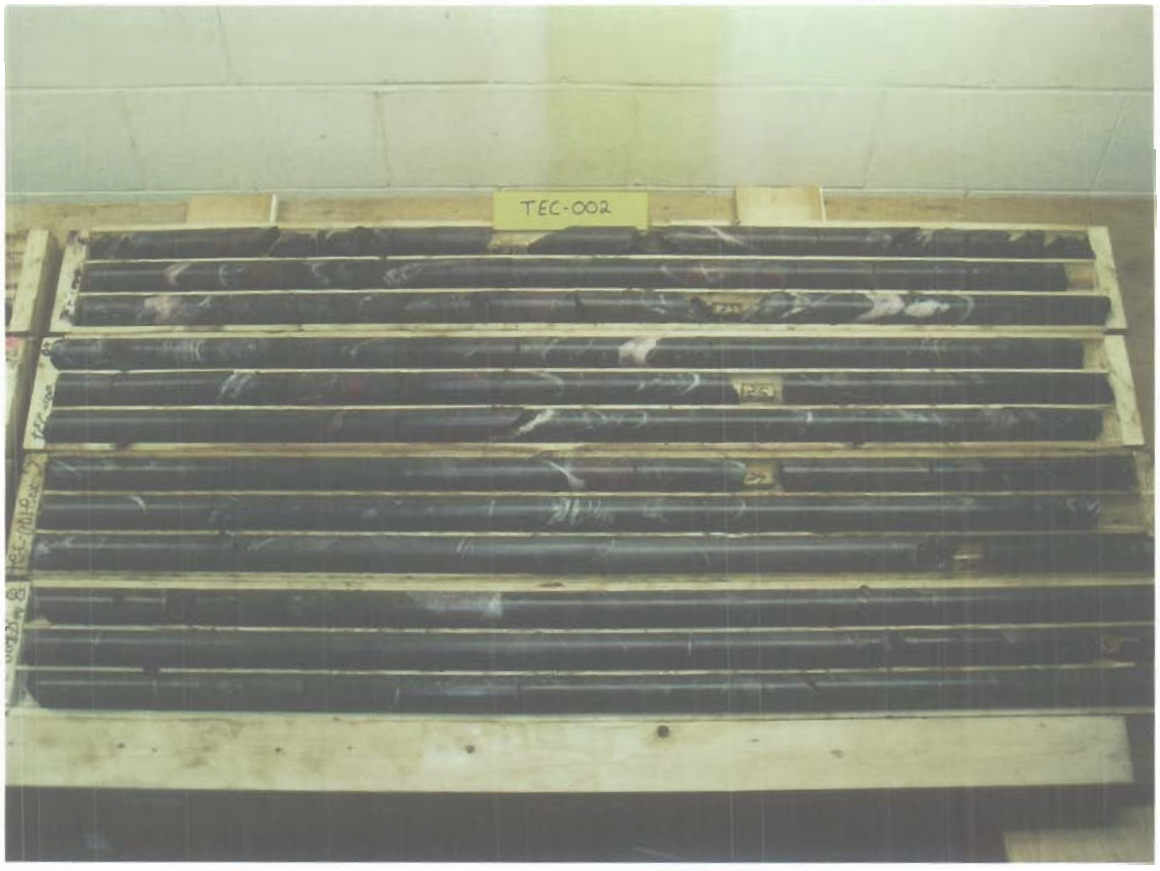
Hinterland Metals Inc.

DESCRIPTION			ASSAYS						
			From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
		Mm wide white qz-dol tension veins with ankeritization - trace of PY +3%Mb								
100.25	107.00	T1c **Felsic tuff (ash)55°**	100.25	101.00	34074	0.75	0.00			
107.00	**DDH end**	- Sheared sharp upper contact @ 85° to c.a. **Number of lithologies: 3**, fine grained grey unit **Total length sampled: 3.75**								

Hinterland Metals Inc.

From	To	NUMBER	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
8.50	9.12	34037	0.62	0.00			
9.12	9.50	34038	0.38	0.00			
9.50	10.50	34039	1.00	0.04	0.001		
10.50	11.50	34040	1.00	0.09	0.003	0.10	0.003
11.50	12.50	34041	1.00	0.02	0.001		
12.50	13.50	34042	1.00	0.01	0.001		
13.50	14.50	34043	1.00	0.01	0.001		
14.50	15.50	34044	1.00	0.00			
15.50	16.50	34045	1.00	0.00			
16.50	17.50	34046	1.00	0.01	0.001		
17.50	18.50	34047	1.00	0.00			
18.50	19.50	34048	1.00	0.00			
19.50	20.50	34049	1.00	0.02	0.001	0.01	0.001
23.00	24.00	34050	1.00	0.00			
24.00	24.50	34051	0.50	0.04	0.001	0.06	0.002
38.00	39.00	34052	1.00	0.06	0.002		
39.00	39.80	34053	0.80	0.00			
39.80	40.10	34054	0.30	0.00			
42.60	42.90	34055	0.30	0.01	0.001	0.02	0.001
66.90	67.70	34056	0.80	0.02	0.001		
67.70	68.50	34057	0.80	0.01	0.001		
74.60	75.60	34058	1.00	0.00			
75.60	76.60	34059	1.00	0.00			
76.60	77.60	34060	1.00	0.00			
77.60	78.60	34061	1.00	0.01	0.001		
78.60	79.60	34062	1.00	0.00			
85.00	86.00	34063	1.00	0.00			
86.00	87.00	34064	1.00	0.00			
87.00	88.00	34065	1.00	0.02	0.001		
88.00	88.92	34066	0.92	0.00			
88.92	89.30	34067	0.38	0.00			
89.30	89.67	34068	0.37	0.01	0.001		
89.67	90.70	34069	1.03	0.00			
95.00	95.25	34070	0.25	0.08	0.002	0.08	0.002
98.00	99.00	34071	1.00	0.00			
99.00	100.00	34072	1.00	0.00			
100.00	100.25	34073	0.25	0.00			
100.25	101.00	34074	0.75	0.00			


TEC-002


TEC-002


TEC-002


TEC-002

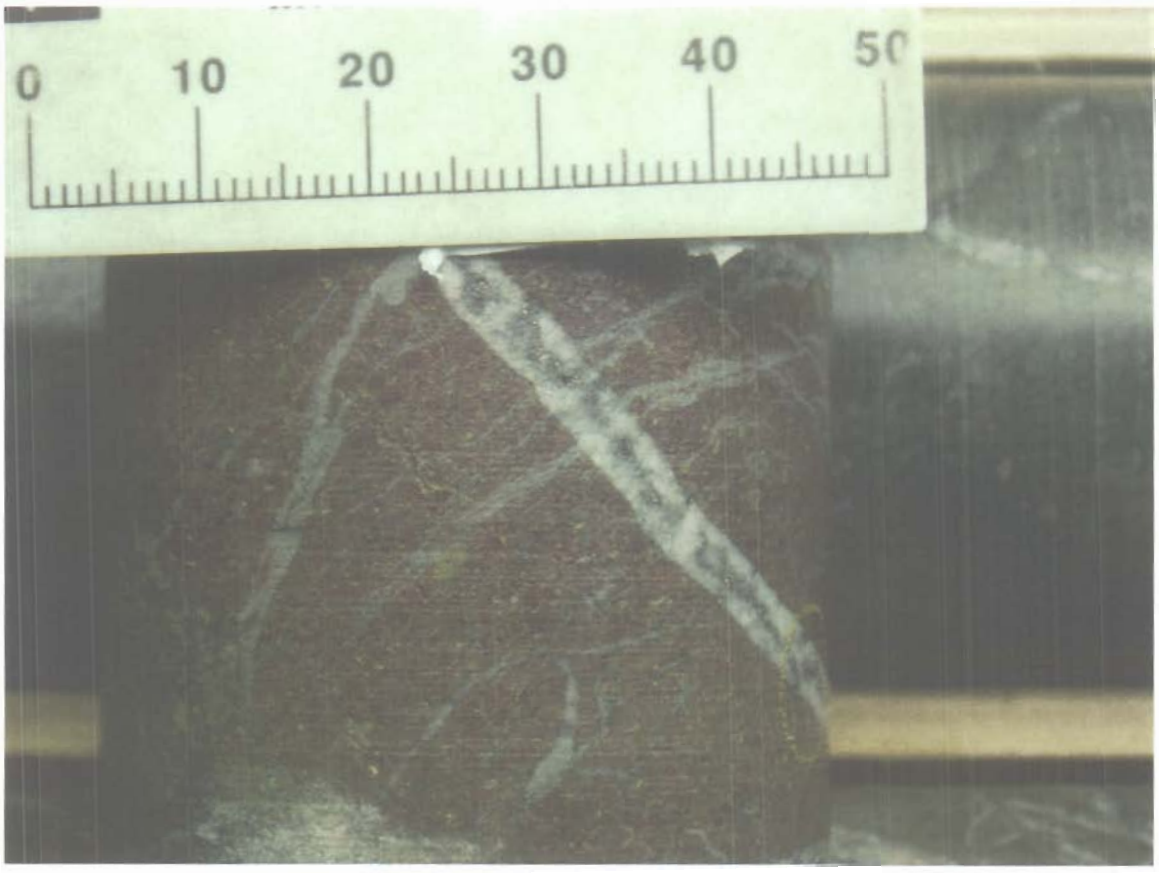


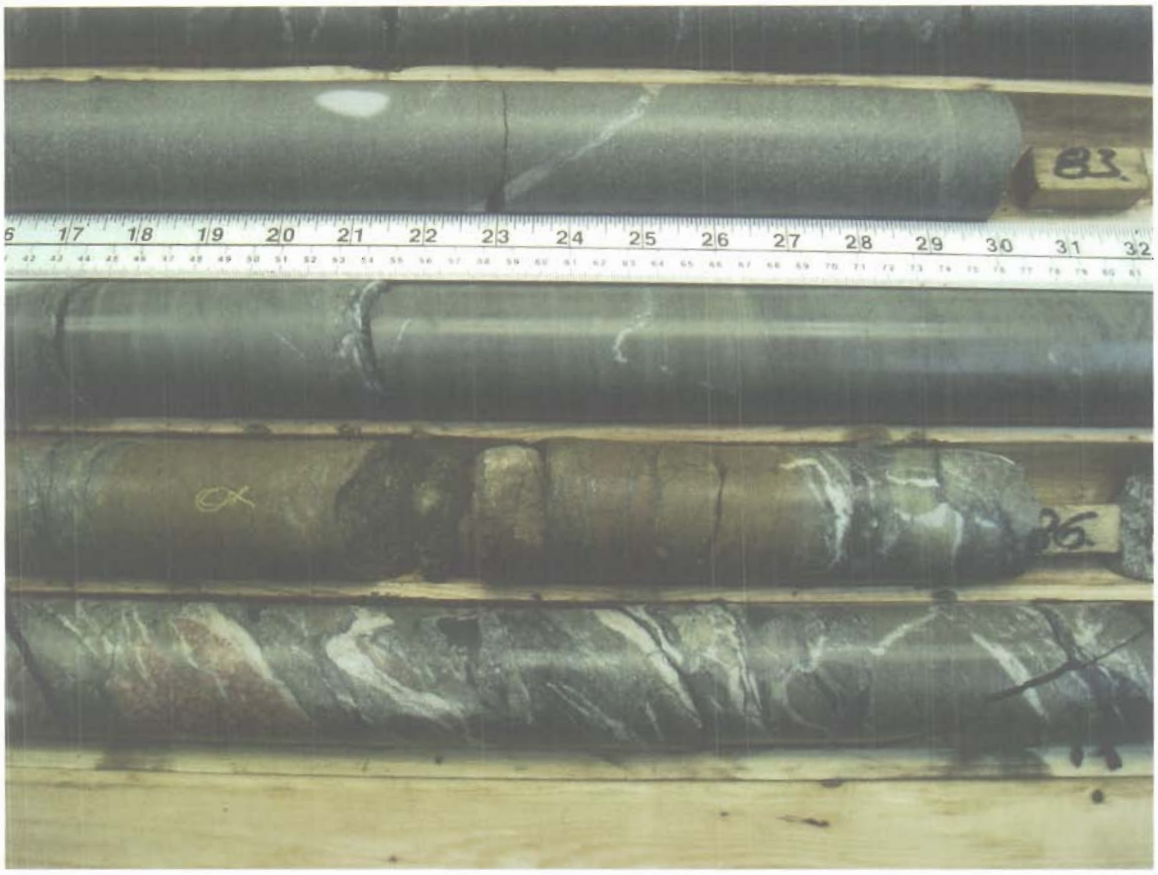


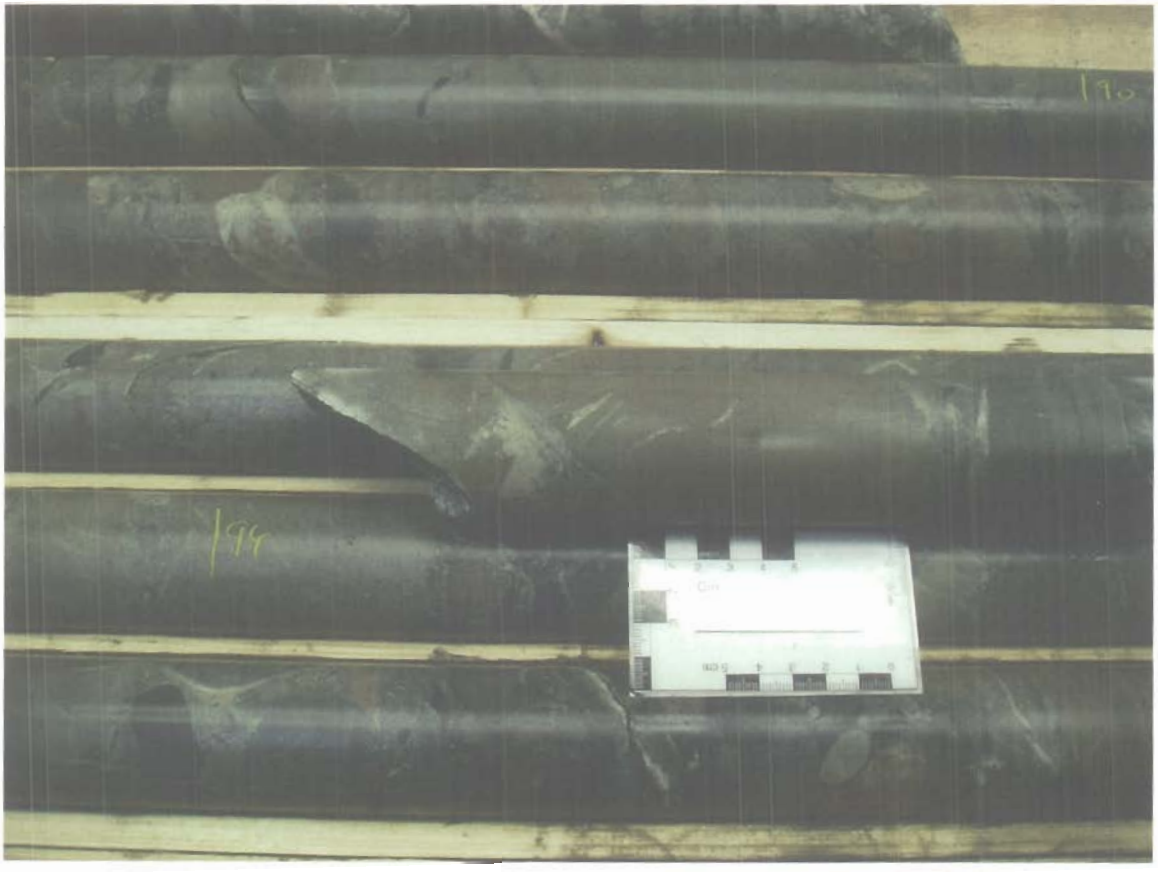






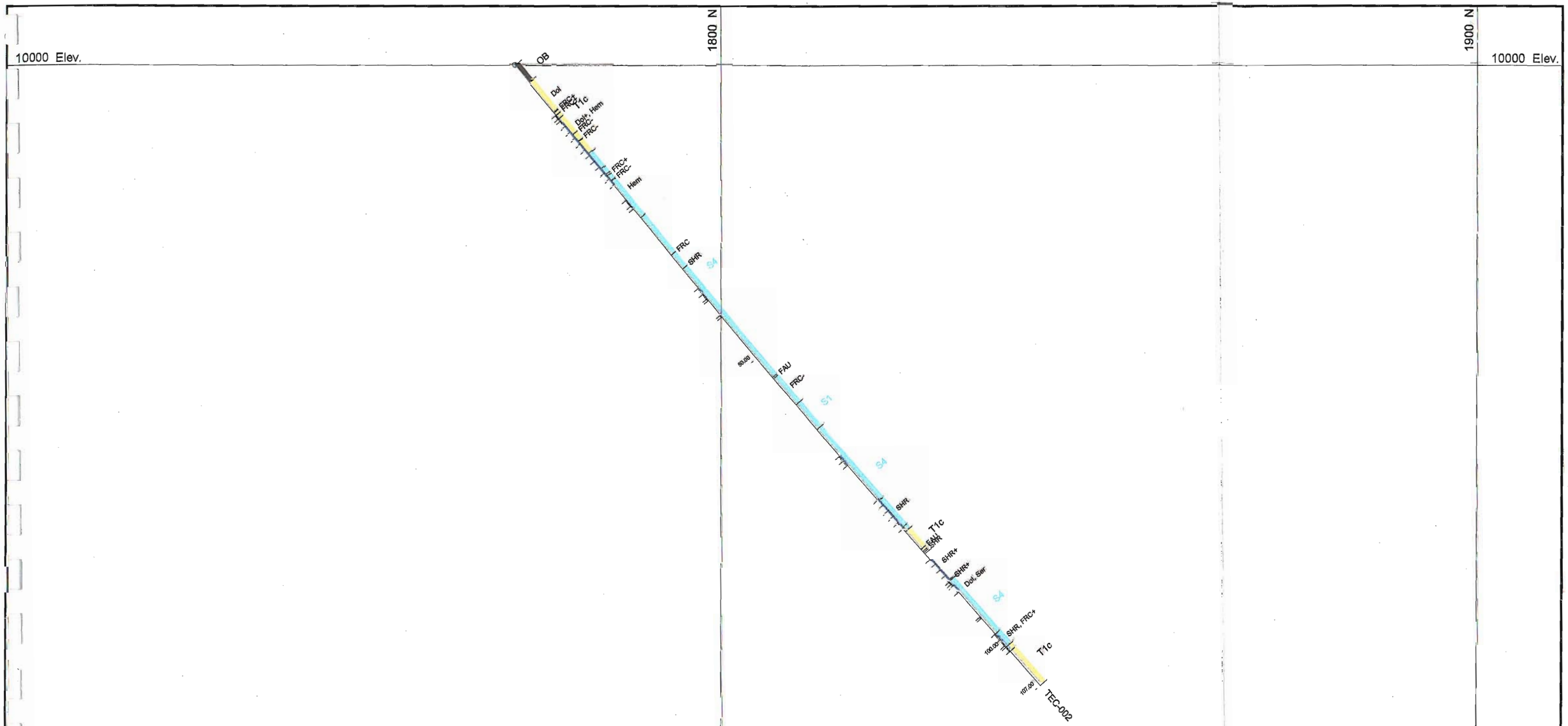

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Geological Legend

I2	Intermediate intrusion
I2D	Syenite
I3	Mafic intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

Structural Legend

FAU	Fault
FOL	Foliated
FRC	Fracture
SHR	Sheared
-	Weak
	Medium
+	Strong

Alteration Legend

Car	Carbonatisation
Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1 : 500

-5 0 5 10 15 20 25

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Hinterland Metals Inc.

Teck Property

Section L 3800 E - Hole TEC-002

Scale = 1:500
Revision 0
Supervised by: Innovexplo Inc.
Date : May 2005

DRILL HOLE TEC-003

Hinterland Metals Inc.

DDH : TEC-003

Claims title : L6785
Township : Teck
Range :
Lot :

Section : L3600E
Level : 1320N
Work place : Chaput Hugues' core shack

Drilled by : Maurice Dubois & Richard Grenier (Forage Lafrenière)
Geologist : Julien Davy

From : 2005-03-13
Description date : 2005-03-15

To : 2005-03-14

Collar

Azimuth : 315.00°
Plunge : -50.00°
Length : 101.00m

UTM

Longitude (East)	564496.0
Latitude (North)	5330131.0
Elevation	0.0

Down hole survey

Type	Depth	Azimuth	Plunge
Flexit	13.00m	313.06°	-50.97°
Flexit	16.00m	314.10°	-50.88°
Flexit	19.00m	315.03°	-50.64°
Flexit	22.00m	315.42°	-50.85°
Flexit	25.00m	316.27°	-50.30°
Flexit	28.00m	317.65°	-50.44°
Flexit	31.00m	320.29°	-50.35°
Flexit	34.00m	320.60°	-50.34°
Flexit	37.00m	321.53°	-50.41°
Flexit	40.00m	322.49°	-47.28°
Flexit	43.00m	321.37°	-50.32°
Flexit	46.00m	322.41°	-50.47°
Flexit	49.00m	315.86°	-50.50°
Flexit	52.00m	321.78°	-50.11°
Flexit	55.00m	316.35°	-50.28°
Flexit	58.00m	222.98°	-66.62°
Flexit	61.00m	315.41°	-50.23°
Flexit	64.00m	317.60°	-50.02°
Flexit	67.00m	322.07°	-49.66°
Flexit	70.00m	320.50°	-49.58°
Flexit	73.00m	340.00°	-61.54°
Flexit	76.00m	323.44°	-49.39°
Flexit	79.00m	318.34°	-49.65°
Flexit	82.00m	320.08°	-49.94°
Flexit	85.00m	323.57°	-49.34°
Flexit	88.00m	319.73°	-49.77°
Flexit	91.00m	324.77°	-49.24°
Flexit	94.00m	321.53°	-49.27°
Flexit	97.00m	320.68°	-48.99°

Core size :

Cemented : No

Storage : Yes

Comments: MAG anomaly target
Essentially conglomerate with some cm to dm porphyric intrusions cross-cutting
No significant mineralisation
Caising in place

			DESCRIPTION
3.00	101.00	S4; Sand	
	37.17	37.25	I3
	42.86	43.07	I3
	46.90	47.00	I3
	48.65	48.75	I3
	61.00	71.50	I3; POR
	61.50	66.50	FRC-
	79.80	80.40	SHR-
	83.95	84.46	I3

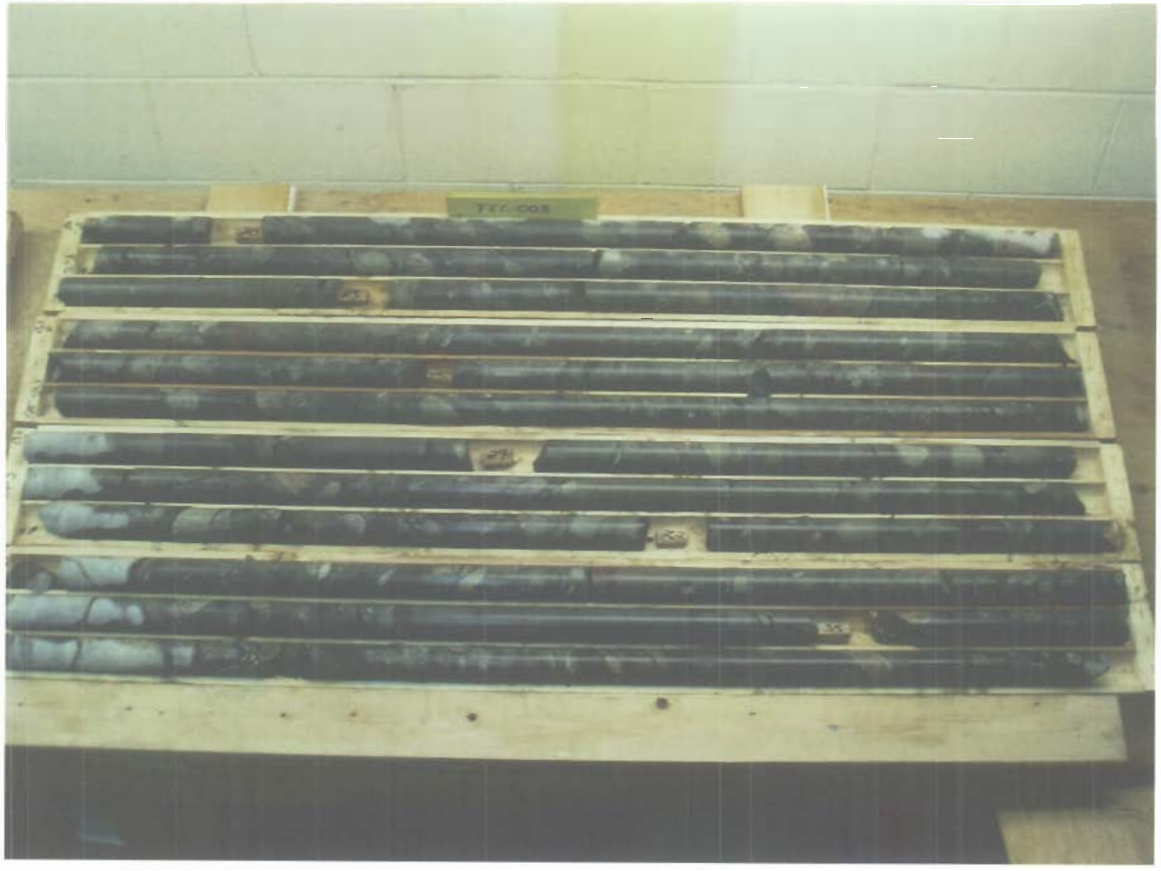
101.00 DDH end
Number of samples : 2
Total lenght sampled : 1.15

DESCRIPTION				ASSAYS						
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
3.00	101.00	S4; Sand **Conglomerate; Sandstone** - Homogeneous cm to dm wide polygenic, fragment rich (60%) conglomerate - Some clasts size variations but generally large clasts in aphanitic matrix - Some cherty and magnetized fragments - Some brown mafic porphyry fragments - Some cm to dm wide sandstone parts									
	37.17	37.25	I3 **Mafic intrusion70°** Brown mafic porphyric intrusion with sharp contacts @ 70° c.a.	42.80	43.15	34075	0.35	0.00			
	42.86	43.07	I3 **Mafic intrusion80°** - Same brown mafic porphyric intrusion with sharp contacts @ 80° c.a. - 2% medium grained PY disseminated								
	46.90	47.00	I3 **Mafic intrusion65°** Same brown mafic porphyric intrusion with sharp contacts @ 65° c.a.								
	48.65	48.75	I3 **Mafic intrusion65°** Same brown mafic porphyric intrusion with sharp contacts @ 65° c.a.								
	61.00	71.50	I3; POR **Mafic intrusion; Porphyric** - Several cm to dm wide brown mafic porphyric intrusion with sharp contacts usually around 70° to c.a. - Several dark aphanitic chloritized intrusions with sharp contacts @ 70° c.a. - No mineralization associated								
	61.50	66.50	FRC- **Fracturation (weak)** Weakly fractured rocks sub-paralelle to c.a.	79.70	80.50	34076	0.80	0.00			
	79.80	80.40	SHR- **Sheared (Weak)50°** - Mixte of moderate shearing and mm qz-dol veining - trace PY associated								
	83.95	84.46	I3 **Mafic intrusion80°** - 20 cm wide brown mafic porphyric intrusion with sharp contacts usually around 70° to c.a. with a dark aphanitic chloritized intrusions - No mineralization associated								
101.00	**DDH end** **Number of samples : 2** **Total lenght sampled : 1.15**										

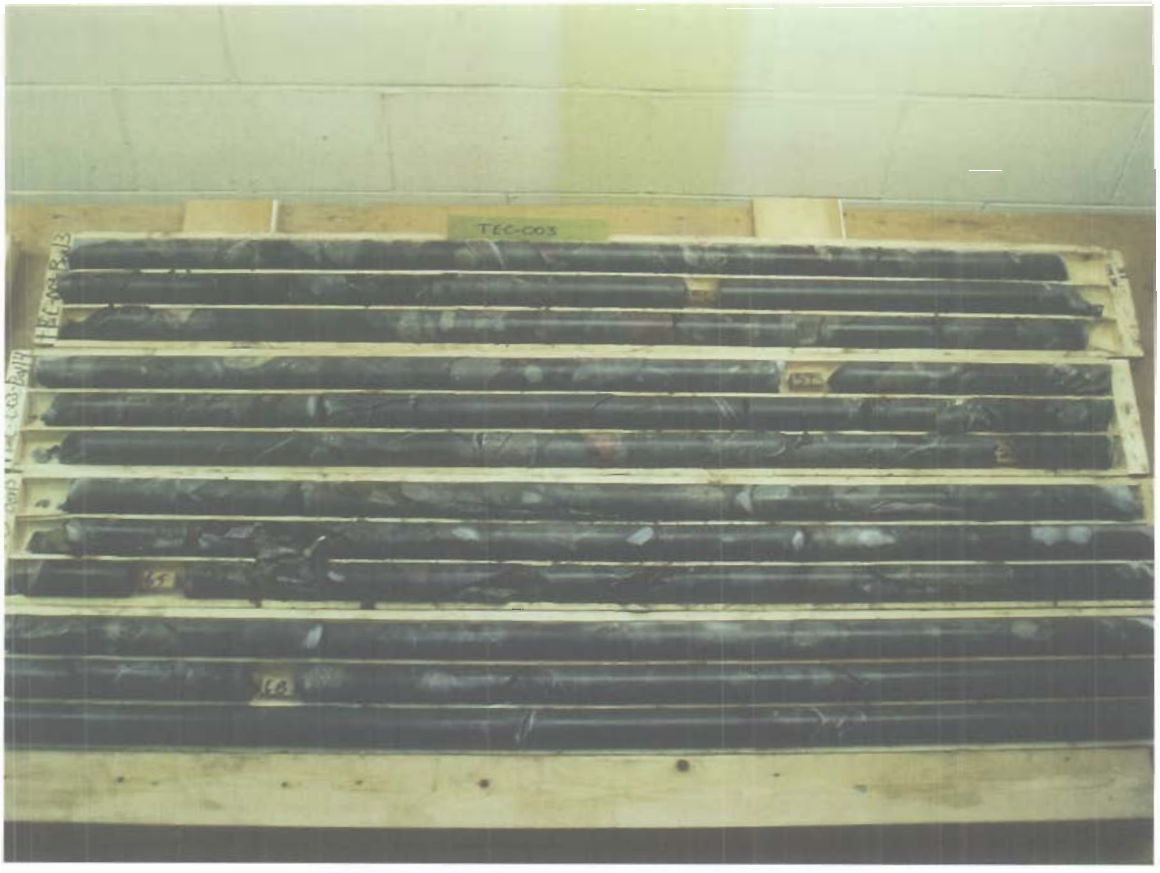
Hinterland Metals Inc.

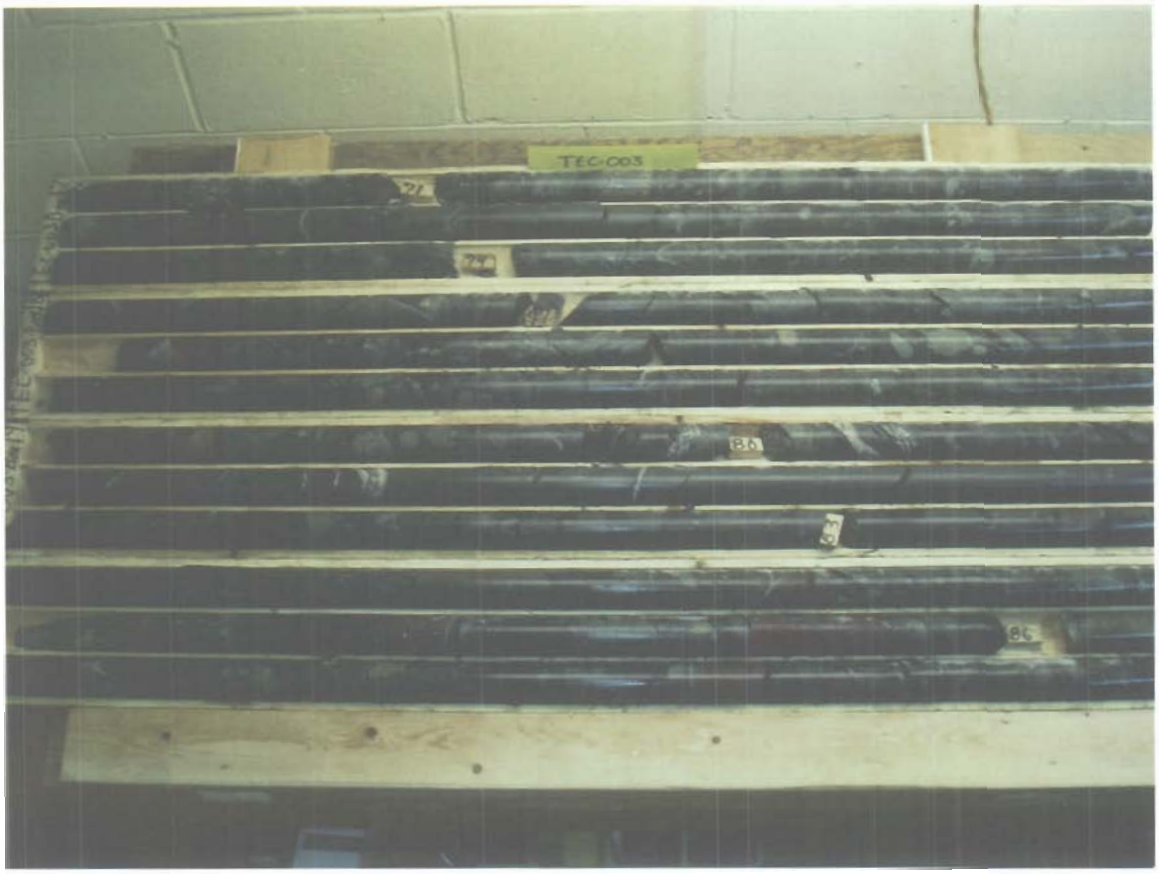
From	To	NUMBER	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
42.80	43.15	34075	0.35	0.00			
79.70	80.50	34076	0.80	0.00			


TEC-003

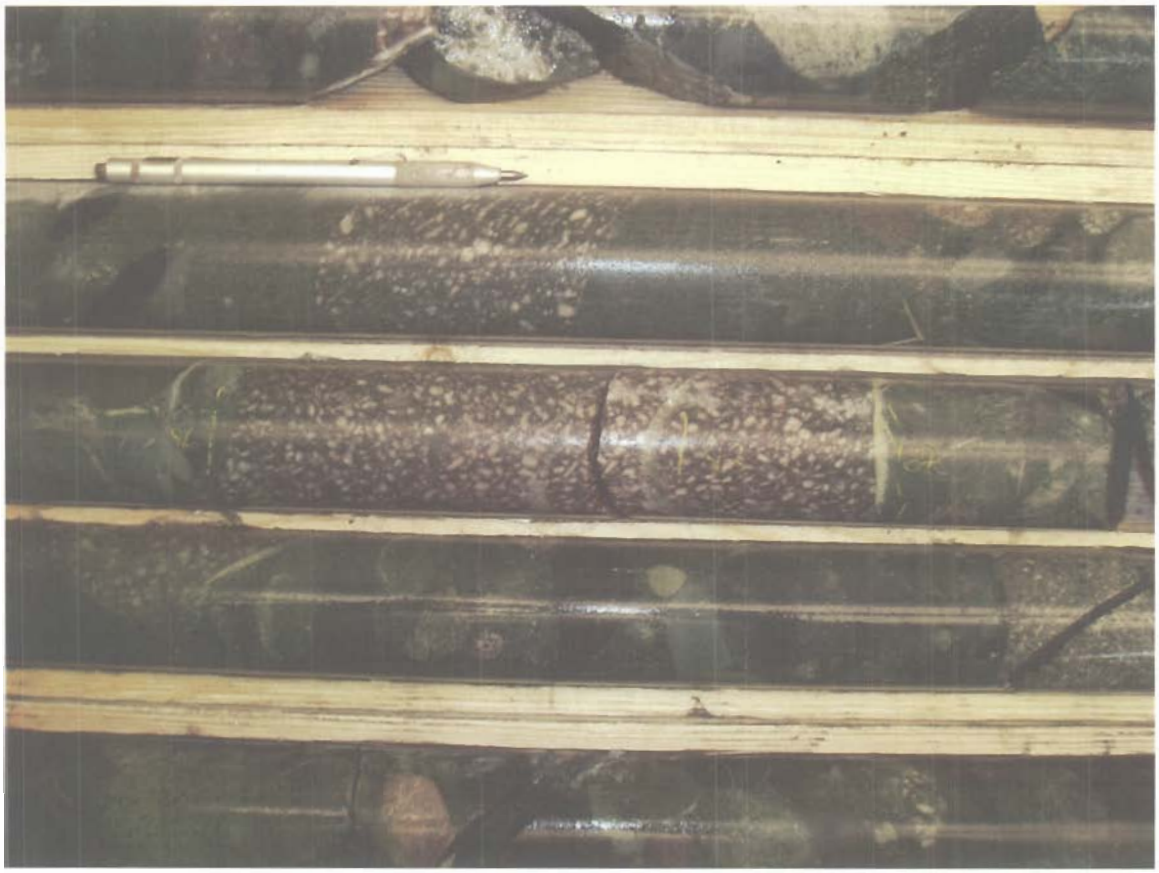

TEC-003

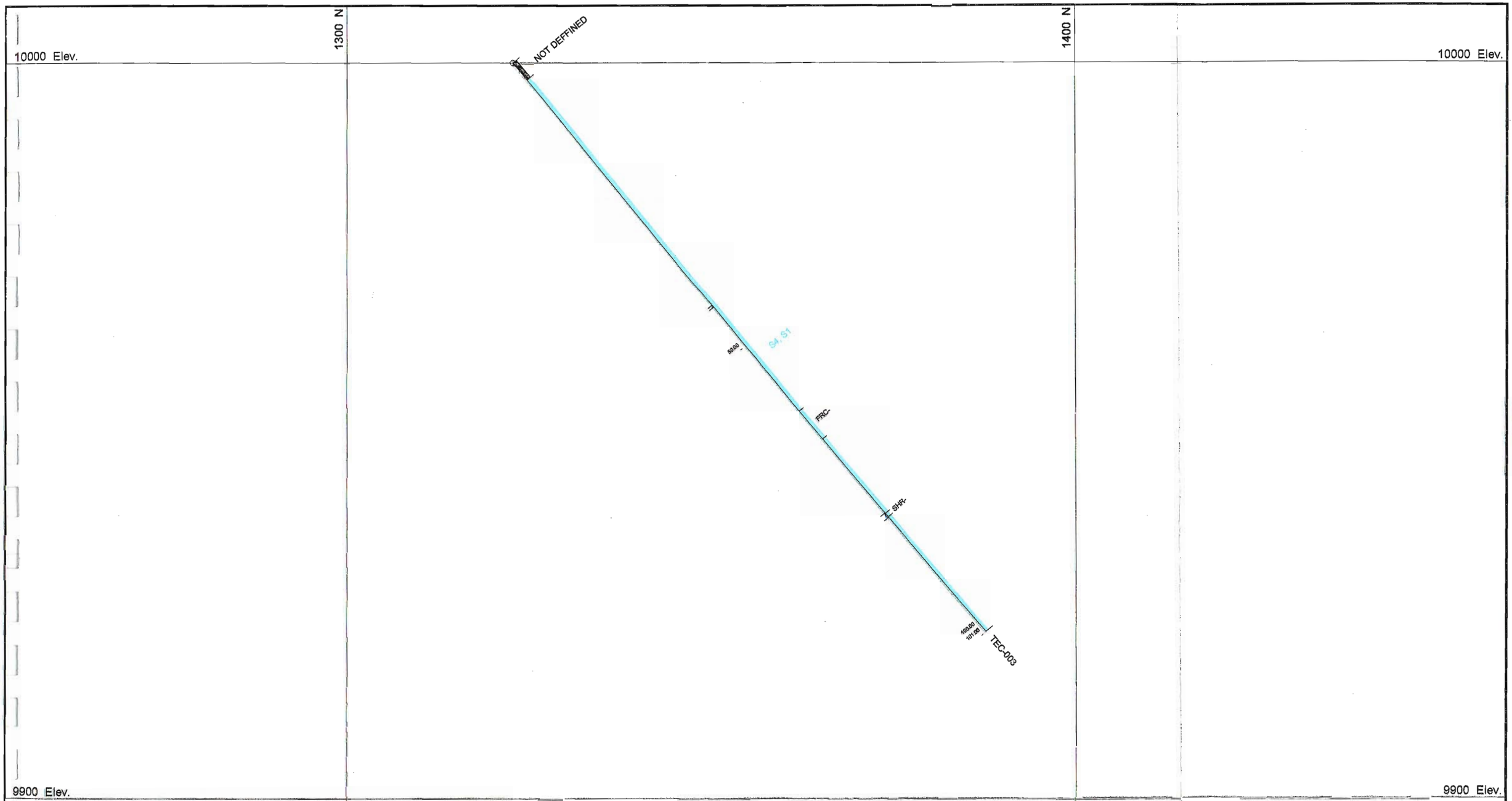

TEC-005


TEC-003


TEC-003


TEC-003





Geological Legend

I2	Intermediate intrusion
I2D	Syenite
I3	Mafic intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

Structural Legend

FAU	Fault
FOL	Foliated
FRC	Fracture
SHR	Sheared
-	Weak
	Medium
+	Strong

Alteration Legend

Car	Carbonatisation
Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1 : 500

-5 0 5 10 15 20 25

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Hinterland Metals Inc.

Teck Property

Section L 3600 E - Hole TEC-003

Scale = 1:500
Revision 0
Supervised by: Innovexplo Inc.
Date : May 2005

DRILL HOLE TEC-004

Hinterland Metals Inc.

DDH : TEC-004

Claims title : 3004560
Township : Teck
Range :
Lot :

Section : L3100E
Level : 1240N
Work place : Chaput Hugues' core shack

Drilled by : Maurice Dubois & Richard Grenier (Forage Lafrenière)
Geologist : Julien Davy

From : 2005-03-15
Description date : 2005-03-16

To : 2005-03-16

Collar

Azimuth : 315.00°
Plunge : -70.00°
Length : 101.00m

UTM

Longitude (East) 564189.0
Latitude (North) 5329731.0
Elevation 0.0

Down hole survey

Type	Depth	Azimuth	Plunge	Type	Depth	Azimuth	Plunge
Flexit	10.00m	316.12°	-69.01°	Flexit	82.00m	312.61°	-69.03°
Flexit	13.00m	317.44°	-70.01°	Flexit	85.00m	316.82°	-68.89°
Flexit	16.00m	315.44°	-69.57°	Flexit	88.00m	314.54°	-68.84°
Flexit	19.00m	316.47°	-69.53°	Flexit	91.00m	311.88°	-68.96°
Flexit	22.00m	311.09°	-69.67°	Flexit	94.00m	310.27°	-69.02°
Flexit	25.00m	313.09°	-69.76°				
Flexit	28.00m	312.65°	-69.77°				
Flexit	31.00m	311.68°	-69.62°				
Flexit	34.00m	311.44°	-69.21°				
Flexit	37.00m	311.15°	-69.71°				
Flexit	40.00m	312.14°	-69.61°				
Flexit	43.00m	317.53°	-69.30°				
Flexit	46.00m	317.29°	-69.35°				
Flexit	49.00m	316.94°	-69.42°				
Flexit	52.00m	316.67°	-69.53°				
Flexit	55.00m	311.84°	-69.66°				
Flexit	58.00m	315.94°	-69.43°				
Flexit	61.00m	312.36°	-69.66°				
Flexit	64.00m	313.29°	-69.55°				
Flexit	67.00m	312.21°	-69.42°				
Flexit	70.00m	313.38°	-69.21°				
Flexit	73.00m	317.73°	-68.85°				
Flexit	76.00m	312.60°	-69.20°				
Flexit	79.00m	316.00°	-68.86°				

Core size :

Cemented : No

Storage : Yes

Comments: IP anomaly
Diabase, conglomerate with some metric interlayers of sandstones
No significant mineralisation
Caising in place

DESCRIPTION

3.00	39.15	I3B	
	3.00	40.00	Ser
	24.40	25.35	VEI;65°;QzSr;;;Py0.5;
	34.00	39.15	I3B; FGR
39.15	68.96	Cong; Sand	
	46.15	46.55	Ser+; Sil+
	46.40	46.45	FRC-
68.96	78.57	Sand	
	69.45	69.48	FAU
78.57	101.00	Cong	
	79.44	79.60	I1; POR
	80.12	80.20	VEI;65°;Qz;;;Py0.5;
	91.35	91.40	VEI;;Qz;;;Py0.5Cp0.5;
	94.92	94.95	SHR
	94.92	94.95	VEI;50°;QzSr;T;;Py0.5;
	95.81	95.84	VEI;50°;Qz;T;;;

101.00 DDH end

Number of samples : 5

Total lenght sampled : 2.00

Hinterland Metals Inc.

				DESCRIPTION	ASSAYS							
					From	To	Nmb	LENGTH	Au g/t	Au_oz/t	Au Check_g/t	Au Check oz/t
3.00	39.15	I3B										
		Diabase										
		Medium grey, homogeneous coarse grained, magnetized and weakly sericitized mafique rock										
		- Medium fracturated rock										
		- Lower contact @ 30° to c.a.										
	3.00	40.00	Ser		24.20	24.70	34077	0.50	0.00			
			Sericitization									
			Pervasive and homogeneous weak sericitization									
	24.40	25.35	VEI;65°;QzSr;;;Py0.5;		24.70	25.20	34078	0.50	0.00			
			Vein 65° Quartz Sericite Pyrite0.									
			- Stronger sericitized zone associated with 5% of QZ veinlets									
			- Trace of fine disseminated PY in some veinlets									
	34.00	39.15	I3B; FGR									
			Diabase; Fine grained									
			Finer grained diabase									
39.15	68.96	Cong; Sand										
		Conglomerate; Sandstone										
		- Cm to dm wide polygenic, fragment rich (60%) conglomerate										
		- Some clasts size variations but generally large clasts in aphanitic matrix										
		- Some cherty and magnetized fragments										
		- Few brown mafic porphyry fragments										
		- Some cm to dm wide sandstone sublayers (5%)										
	46.15	46.55	Ser+; Sil+		46.15	46.55	34079	0.40	0.01	0.001		
			Sericitization (strong); Silicification (strong)									
			Sharp contacts @ 30° to c.a.									
			- Same conglomerate unit very hard and light green with some fractured core in center									
			- Trace of PY associated									
	46.40	46.45	FRC-									
			Fracturation (weak)									
			Weakly fractured core with strong SER - SIL alteration associated									
68.96	78.57	Sand										
		Sandstone										
		Grey, fine to coarse grained, homogeneous, poorly bedded (massive aspect) unit. Probably sandstones										
		- Progressive contacts										
		- Some mm to cm wide clasts same as in conglomerate										
		- 5 to 10% of conglomerate dm sublayers										
		- 1-2% of mm qz-dol veining in several directions (no mineralization associated)										
	69.45	69.48	FAU									
			Fault55°									
			Mm wide sericized with qz filling fault									
78.57	101.00	Cong										
		Conglomerate										
		Same conglomerate as above										
		- Cm to dm wide polygenic, fragment rich (60%) conglomerate										
		- Some clasts size variations but generally large clasts in aphanitic matrix										
		- Some cherty and magnetized fragments										
		- Few brown mafic porphyry fragments										

Hinterland Metals Inc.

DESCRIPTION			ASSAYS							
			From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
		- Some cm to dm wide sandstone sublayers (5%)								
		- 1-2% of mm qz-dol veining in several directions (no mineralization associated)								
79.44	79.60	I1; POR	80.00	80.30	34080	0.30	0.02	0.001		
		Felsic intrusion50°; Porphyric								
		Pale grey, weakly sericized with mm porphiry intrusion								
80.12	80.20	VEI;65°;Qz;;;Py0.5;	91.33	91.63	34081	0.30	0.03	0.001		
		Vein 65° Quartz Pyrite0.								
		Creamy white QZ-DOL vein with some sericite								
		- Wall rocks are sericitized and silicified with very fine grained PY disseminated 5%								
91.35	91.40	VEI;;Qz;;;Py0.5Cp0.5;								
		Vein Quartz Pyrite0. p0								
		Creamy white QZ vein with few PY and Few mm patch of yellow-orange mineral (chalcopyrite?)								
94.92	94.95	SHR								
		Sheared50°								
		QZ vein with some sericite								
		- Trace of PY								
94.92	94.95	VEI;50°;QzSr;T;;Py0.5;								
		Vein 50° Quartz Sericite Tension Pyrite0.								
		QZ vein with some sericite								
		- Trace of PY								
95.81	95.84	VEI;50°;Qz;T;;;								
		Vein 50° Quartz Tension								
		QZ vein								
		- No mineralization								

101.00 DDH end

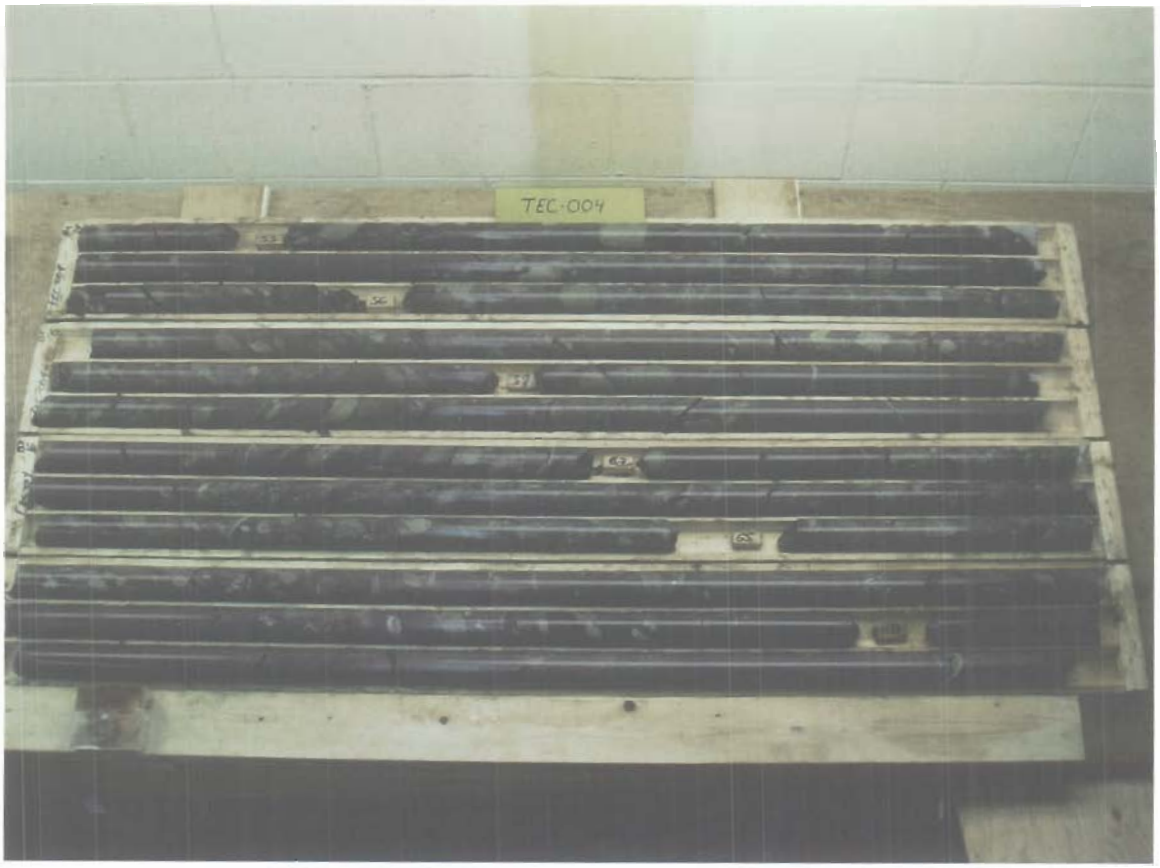
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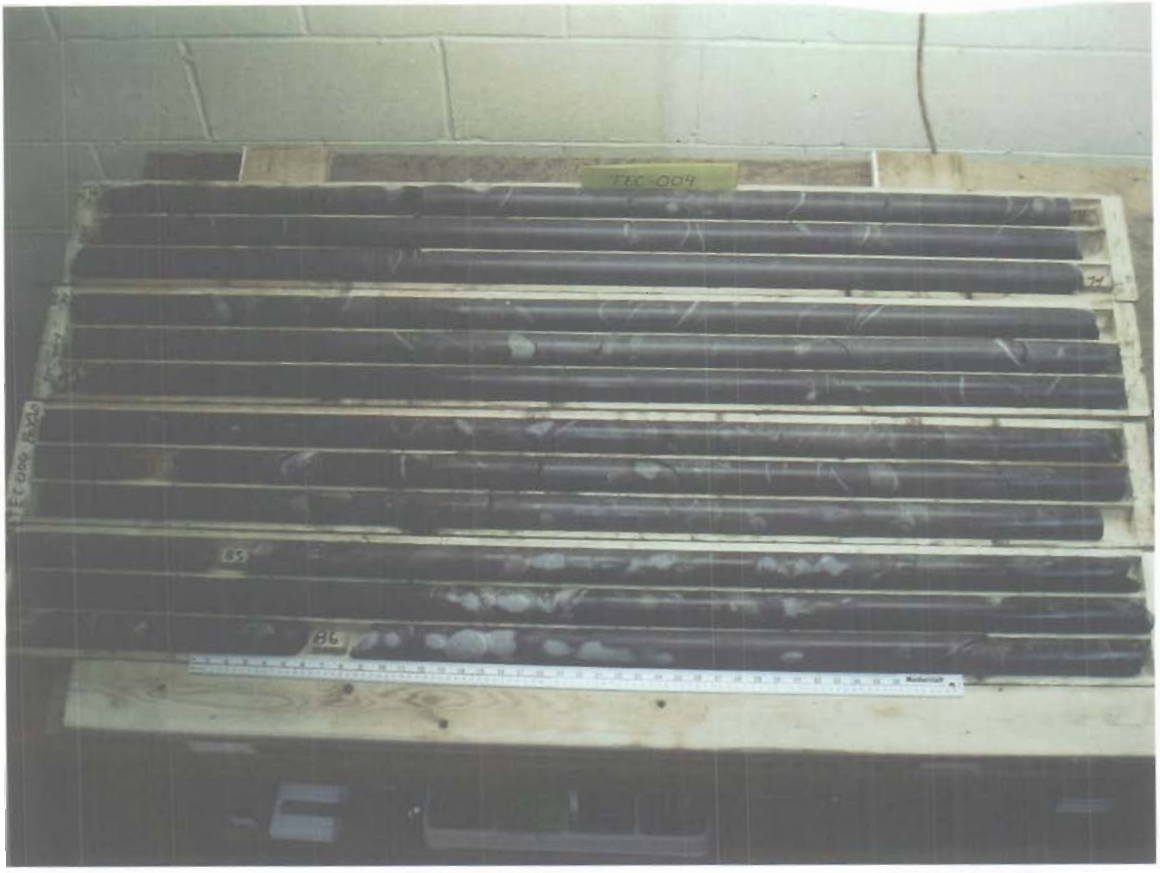
Total lenght sampled : 2.00

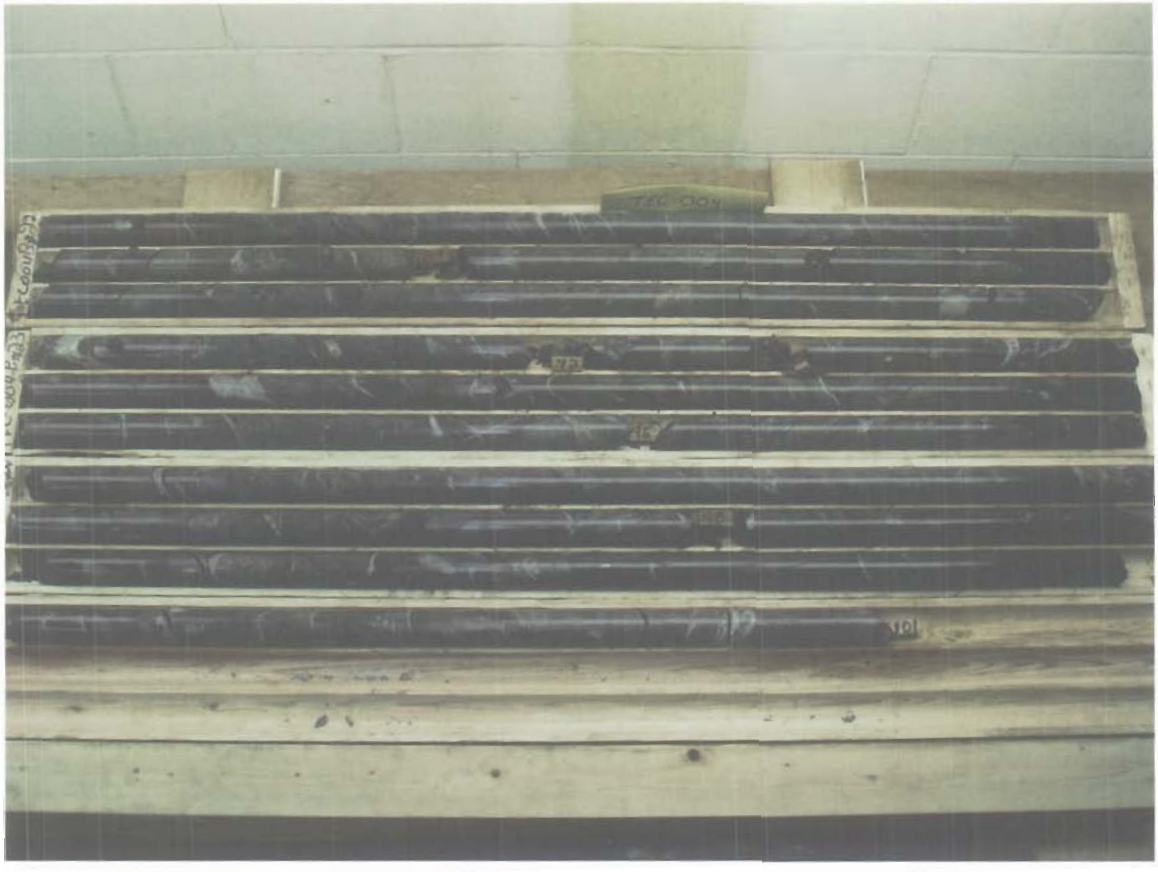
Hinterland Metals Inc.

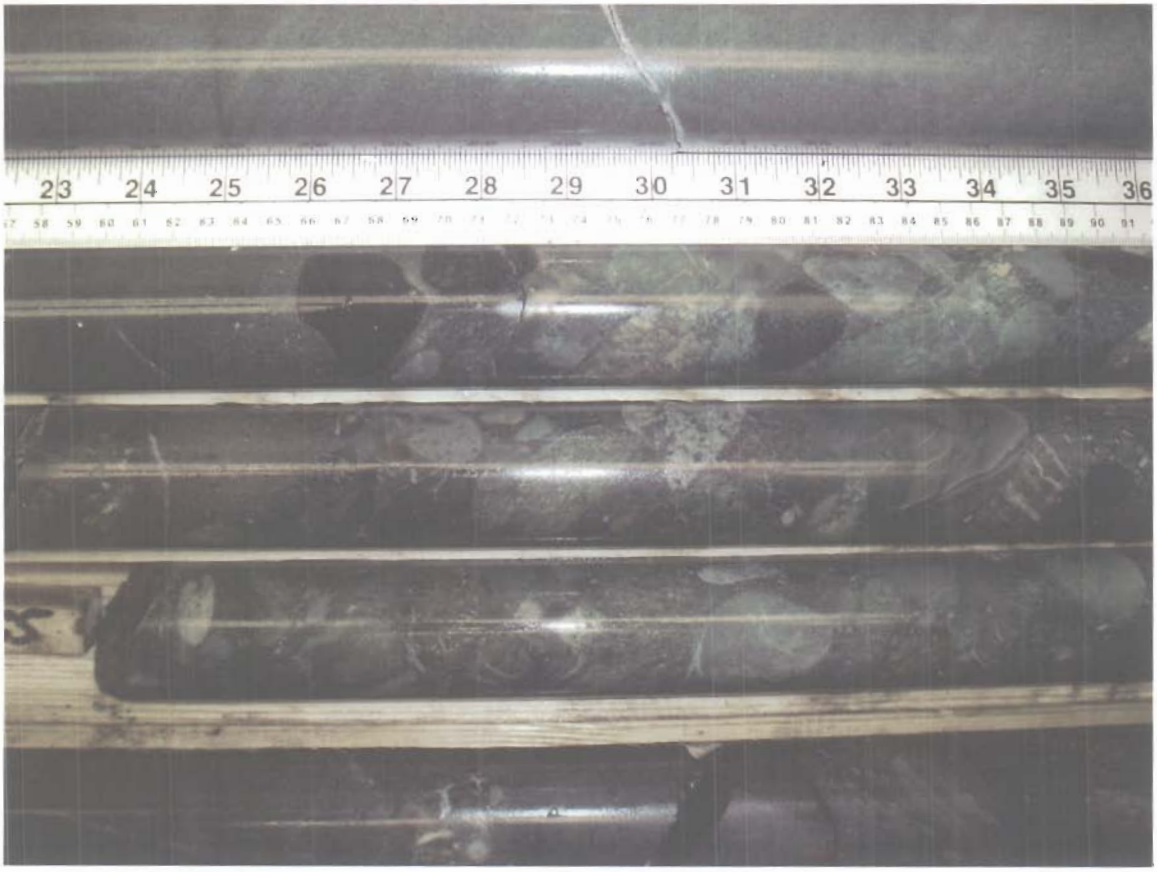
From	To	NUMBER	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
24.20	24.70	34077	0.50	0.00			
24.70	25.20	34078	0.50	0.00			
46.15	46.55	34079	0.40	0.01	0.001		
80.00	80.30	34080	0.30	0.02	0.001		
91.33	91.63	34081	0.30	0.03	0.001		




TEC-004

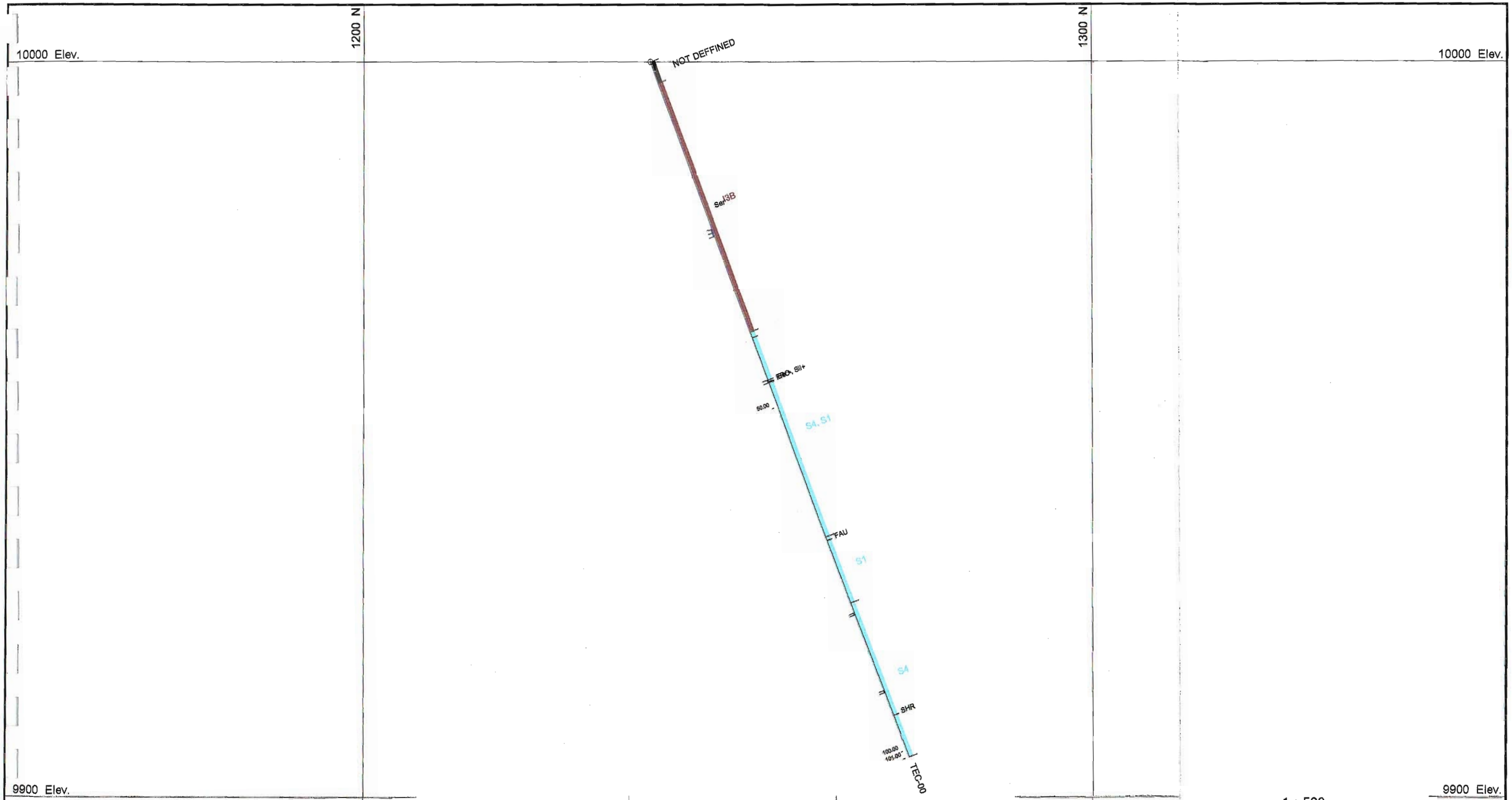

TEC-004
86


TEC-004


23 24 25 26 27 28 29 30 31 32 33 34 35 36


30 31 32 33 34 35 36
Mastercra


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36
Mastercraft



Geological Legend

I2	Intermediate intrusion
I2D	Syenite
I3	Mafic intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

Structural Legend

FAU	Fault
FOL	Foliated
FRC	Fracture
SHR	Sheared
-	Weak
	Medium
+	Strong

Alteration Legend

Car	Carbonatisation
Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1 : 500

-5 0 5 10 15 20 25

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Teck Property

Section L 3100 E - Hole TEC-004

Scale = 1:500
Revision 0
Supervised by: Innovexplo Inc.
Date : May 2005

DRILL HOLE TEC-005

Hinterland Metals Inc.

DDH : TEC-005

Claims title : 3004560
Township : Teck
Range :
Lot :

Section : L2900E
Level : 1040N
Work place : Chaput Hugues' core shack

Drilled by : Maurice Dubois & Richard Grenier (Forage Lafrenière)
Geologist : Julien Davy

From : 2005-03-16
Description date : 2005-03-19

To : 2005-03-18

Collar

Azimuth : 315.00°
Plunge : -70.00°
Length : 106.00m

UTM

Longitude (East)	564201.0
Latitude (North)	5329459.0
Elevation	0.0

Down hole survey

Type	Depth	Azimuth	Plunge
Flexit	21.00m	317.15°	-50.66°
Flexit	24.00m	314.83°	-50.58°
Flexit	27.00m	312.43°	-50.83°
Flexit	30.00m	315.74°	-50.98°
Flexit	33.00m	314.66°	-50.96°
Flexit	36.00m	310.63°	-51.04°
Flexit	39.00m	317.76°	-51.16°
Flexit	42.00m	315.68°	-50.66°
Flexit	45.00m	314.33°	-50.39°
Flexit	48.00m	312.15°	-50.56°
Flexit	51.00m	309.32°	-50.72°
Flexit	54.00m	311.73°	-50.47°
Flexit	57.00m	311.69°	-50.68°
Flexit	60.00m	311.05°	-50.64°
Flexit	63.00m	311.48°	-50.62°
Flexit	66.00m	315.48°	-50.20°
Flexit	69.00m	315.09°	-50.42°
Flexit	72.00m	314.23°	-50.06°
Flexit	75.00m	309.75°	-50.37°
Flexit	78.00m	315.24°	-50.04°
Flexit	81.00m	313.77°	-50.38°
Flexit	84.00m	317.82°	-50.23°
Flexit	87.00m	312.48°	-50.47°
Flexit	90.00m	314.68°	-50.03°

Type	Depth	Azimuth	Plunge
Flexit	93.00m	321.14°	-50.18°
Flexit	96.00m	322.89°	-50.03°
Flexit	99.00m	320.75°	-49.92°
Flexit	102.00m	314.60°	-50.32°

Core size : Carotte NQ
Comments :

Cemented : No

Storage : Yes

DESCRIPTION

	0.00	106.00	Sil+; Chl+
3.00	40.60	S4; S1; HK	
	7.00	8.50	Sand; T1c
	9.50	14.20	Sand; T1c
	10.85	11.45	STW;10%;QzSr;T;40°;Py01;
	12.10	12.40	STW;20%;QzSr;;40°;Py01;
	18.00	20.00	Sand; T1c
	19.80	20.25	VEI;;CbMi;;;Py0.5;
	22.00	24.00	Sand
	25.30	27.60	VEI;30°;CbMi;T;;Py0.5;
	25.66	27.94	I2D; HM
	31.10	31.20	I1; POR
	32.86	33.00	I2; POR
	33.23	33.37	I2; POR
	33.58	33.75	I2; POR
	34.12	34.30	I2; POR
40.60	60.78	I2D	
60.78	98.81	S4; HK	
	65.35	65.60	I2; POR
	68.50	68.75	I2; POR
	70.26	76.44	I2
	71.50	73.65	FOL-
	73.65	73.87	SHR
	76.44	81.00	S4; I2D; HK
	82.55	82.78	I2; POR
98.81	106.00	I2D; HM	
	101.15	101.25	VEI;25°;QzSr;;;Cp0.5Py0.5;
	102.85	102.87	VEI;80°;QzSr;;;Py0.5;

106.00 DDH end

Number of samples : 10

Total lenght sampled : 5.95

Hinterland Metals Inc.

			DESCRIPTION	ASSAYS							
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
	0.00	106.00	Sil+; Chl+ **Silicification (strong); Chloritization (strong)** Strong pervasive silicification all over diferrent units and seems to overprint an older strong chloritisation (dark color)								
3.00	40.60		S4; S1; HK **Conglomerate; Sandstone; Heterogeneous** - Dark grey (chloritization ?), with cm to dm wide polygenic fragments (30%), heterogeneous and with a blurry aspect (silicification) conglomerate - 50% of finer grained units allthrought downhole - Very hard rock								
	7.00	8.50	Sand; T1c **Sandstone; Felsic tuff (ash)** Fine grained with progressive contact with same color (grey) as matrix above and with 10% of mm polygenic fragments. Probably sandstones (or tuff?)								
	9.50	14.20	Sand; T1c **Sandstone; Felsic tuff (ash)** Same fined grained sub-unit Very strong silicification								
	10.85	11.45	STW;10%;QzSr;T;40°;Py01; **Stockwerk 10% Quartz Sericite Tension 40° Pyrite01** Strong mm veining with a prefered angle at 40° to c.a. but also in other directions (hairy aspect, stockwerk) of strongly sericitized qz veins - Nice perpidencular cristalization showing tension veins - 1% of cubic and cluster PY - A stronger silicification seems associated to this veining system	10.85 11.50	11.50 12.10	34082 34083	0.65 0.60	0.00 0.00			
	12.10	12.40	STW;20%;QzSr;;40°;Py01; **Stockwerk 20% Quartz Sericite 40° Pyrite01** Same veining system as above Strong mm veining with a prefered angle at 40° to c.a. but also in other directions (hairy aspect, stockwerk) of strongly sericitized qz veins - Nice perpidencular cristalization showing tension veins - 1% of cubic and cluster PY - A stronger silicification seems associated to this veining system	12.10 12.50	12.50 13.10	34084 34085	0.40 0.60	0.01 0.00	0.001		
	18.00	20.00	Sand; T1c **Sandstone; Felsic tuff (ash)** Same fined grained sub-unit Very strong silicification								
	19.80	20.25	VEI;;CbMi;;;Py0.5; **Vein Carbonate Mica* Pyrite0.5** - 5% of late mm to cm wide carbonate with 50% of a marine bleu mica (titaniferous mica?) - Trace of py associated	21.00	21.45	34086	0.45	0.00			
	22.00	24.00	Sand **Sandstone** Same fined grained sub-unit, but with 5% of rounded polygenic fragments Very strong silicification								
	25.30	27.60	VEI;30°;CbMi;T;;Py0.5;								

			DESCRIPTION	ASSAYS						
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
			Vein 30° Carbonate Mica* Tension Pyrite0.5 - 5% of late mm to cm wide carbonate with 50% of a marine bleu mica (titaniferous mica?) - Trace of py associated								
	25.66	27.94	I2D; HM **Syénite; Homogeneous** - Dark grey with the same blurry aspect (silicification covering tje hole unit) - Aphanatic chloritized matrix with 30% of mm sub-angular fragments (probably phenocristals being replaced by chlorite) - Sharp contact at 45° to c.a. - Includes a 20 cm wide brown porphyric intrusion. - No mineralization associated	27.00	27.45	34087	0.45	0.00			
	31.10	31.20	I1; POR **Felsic intrusion; Porphyric** Dark brown with 50% of dark green mm porphyriblasts (angular cristals) which are completely chloritized (phyllosilicate aspect) - Altered syenite? - Sharp contacts at 80° to c.a.								
	32.86	33.00	I2; POR **Intermediate Intrusion; Porphyric** Same intrusion Dark brown with 50% of dark green mm porphyriblasts (angular cristals) which are completely chloritized (phyllosilicate aspect) - Altered syenite? - Sharp contacts at 80° to c.a.								
	33.23	33.37	I2; POR **Intermediate Intrusion; Porphyric** Same intrusion								
	33.58	33.75	I2; POR **Intermediate Intrusion; Porphyric** Same chloritized intrusion								
	34.12	34.30	I2; POR **Intermediate Intrusion; Porphyric** Same intrusion								
40.60	60.78		I2D **Syenite** Homogeneous dark grey aphanitic matrix - 25% of mm felspathic porphyries and 25% of mm mafic minerals completely chloritized (amphibols?); - Some (<1%) mm to cm wide carbonate + bleuish mica (?) veinlets.								
60.78	98.81		S4; HK **Conglomerate; Heterogeneous** - Dark grey (chloritization ?), with cm to dm wide polygenic fragments (30%), heterogeneous and with a blurry aspect (silicification) conglomerate - 30% of dm wide porphyric intrusions with felspathic phenocristals - Very hard rock - 1% of mm wide qz-dol veins in all directions with chlorite and bleuish mica (tr of PY sometimes)								

			DESCRIPTION	ASSAYS						
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
			- Weak to moderate magnetism all over. Some clasts are strongly magnetic (iron formation clasts?)								
	65.35	65.60	I2; POR **Intermediate Intrusion; Porphyric** Dark brown with 50% of dark green mm porphyriblasts (angular cristals) which are completely chloritized (phyllosilicate aspect) - Altered syenite? - Sharp contacts at 50° to c.a.								
	68.50	68.75	I2; POR **Intermediate Intrusion; Porphyric** Same dark brown with 50% of dark green mm porphyriblasts (angular cristals) which are completely chloritized (phyllosilicate aspect) - Altered syenite? - Waving sharp contacts at 80° to c.a.								
	70.26	76.44	I2 **Intermediate Intrusion** - Dark homogeneous and aphanitic unit with sharp contacts around 80° to c.a. - Always strongly chloritized and silicified unit - Deformation visible by streching of mm chloroitized layers at 50° to c.a. - Both contact are sharp and caracterized by 50 cm to 1 m less deformed with feldspathic mm phenocrists								
	71.50	73.65	FOL- **Foliated (weak)50°** Weak foliation at 50° to c.a. visible by mm chloritized layers	73.60	74.00	34088	0.40	0.00			
	73.65	73.87	SHR **Sheared50°** Weak shear zone visible by a 1cm wide autobrecciated qz vein - Upper contact: <1mm thick of gauge (50° to c.a.) - Lower contact: < 1 mm sharp contact at 35° to c.a. - trace of py associated with veining								
	76.44	81.00	S4; I2D; HK **Conglomerate; Syénite; Heterogeneous** Mixte of dm wide conglomerate and massive and aphanitic syenite								
	82.55	82.78	I2; POR **Intermediate Intrusion; Porphyric** Brown aphanitic matrix with 50% of mm felspathic porphyroblast No mineralization								
98.81	106.00		I2D; HM **Syénite; Homogeneous** Sharp contact at 50° to c.a. - Homogeneous, dark grey, coarse grained intermediaire to mafique unit - Hard probably because silicification but no QZ cristals visible. All felspar (syenite?); - Weak to moderate sericification around QZ-SER veinlets (+CP). - Very fine PY disseminated all throught unit (trace to 1% max) - Weak magnetism all over	101.00	101.40	34089	0.40	0.00			
	101.15	101.25	VEl;25°;QzSr;;;Cp0.5Py0.5; **Vein 25° Quartz Sericite Chalcopyrite0.5 Pyrite0.5** Cm wide QZ-SER vein with trace of chalcopyrite	101.40 102.40	102.40 103.40	34090 34091	1.00 1.00	0.00 0.01	 0.001		

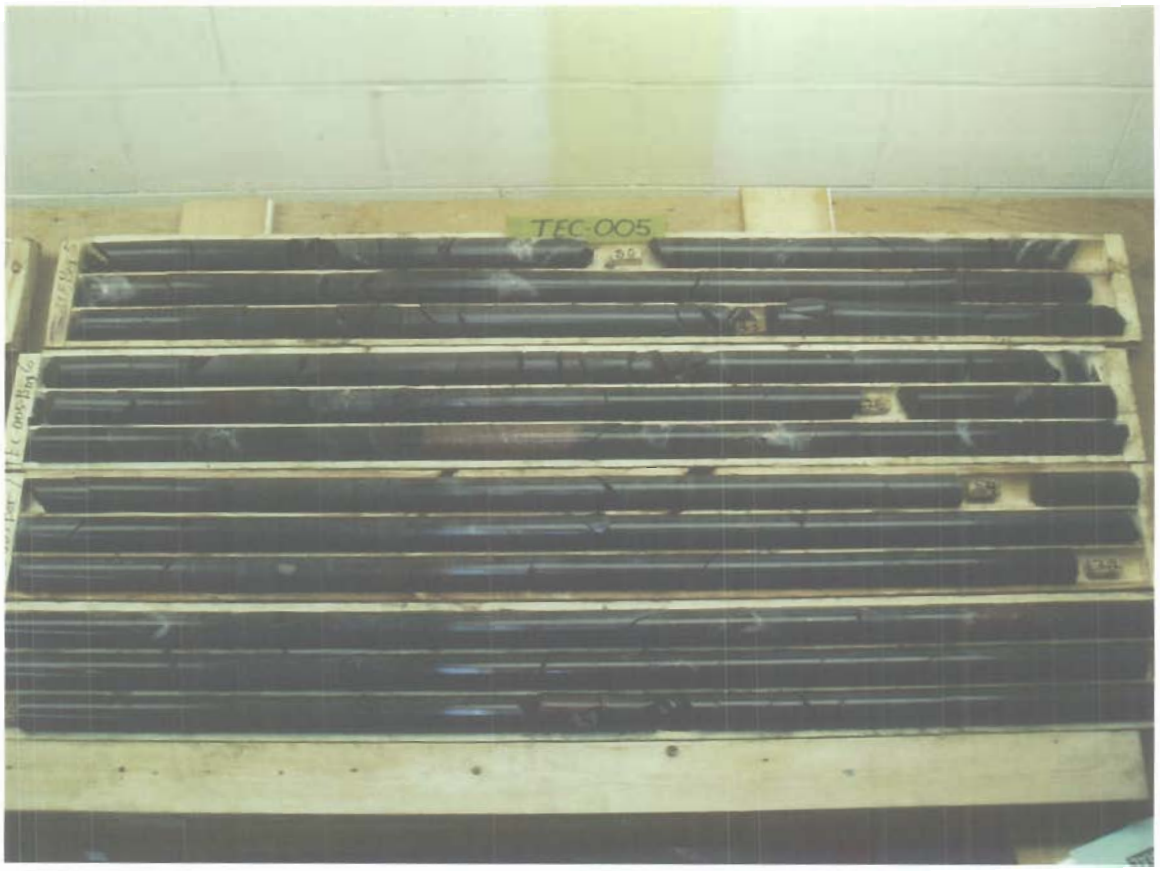
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DESCRIPTION			ASSAYS						
			From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
102.85	102.87	VEI;80°;QzSr;;;Py0.5; **Vein 80° Quartz Sericite Pyrite0.5** Same QZ-SER vein								
106.00		**DDH end** **Number of samples : 10** **Total lenght sampled : 5.95**								

Hinterland Metals Inc.

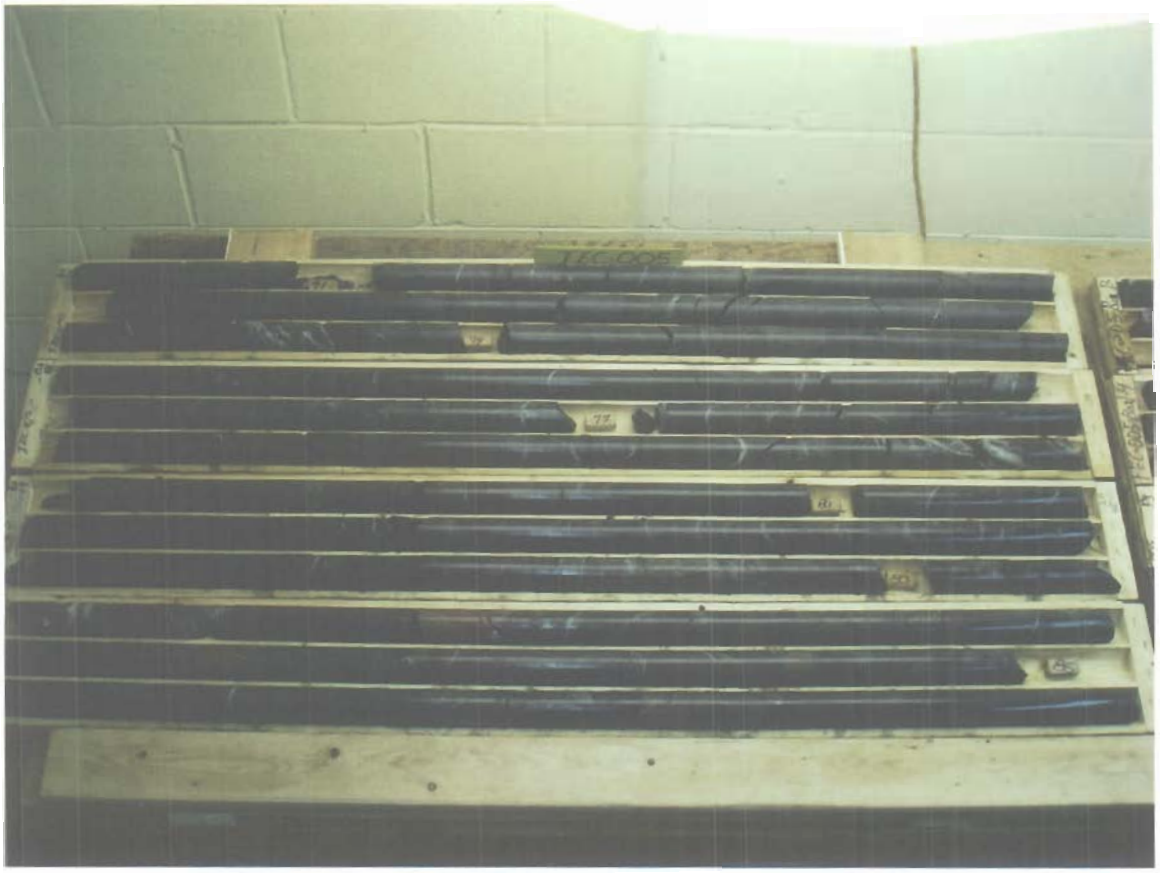
From	To	NUMBER	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
10.85	11.50	34082	0.65	0.00			
11.50	12.10	34083	0.60	0.00			
12.10	12.50	34084	0.40	0.01	0.001		
12.50	13.10	34085	0.60	0.00			
21.00	21.45	34086	0.45	0.00			
27.00	27.45	34087	0.45	0.00			
73.60	74.00	34088	0.40	0.00			
101.00	101.40	34089	0.40	0.00			
101.40	102.40	34090	1.00	0.00			
102.40	103.40	34091	1.00	0.01	0.001		


TEC-005

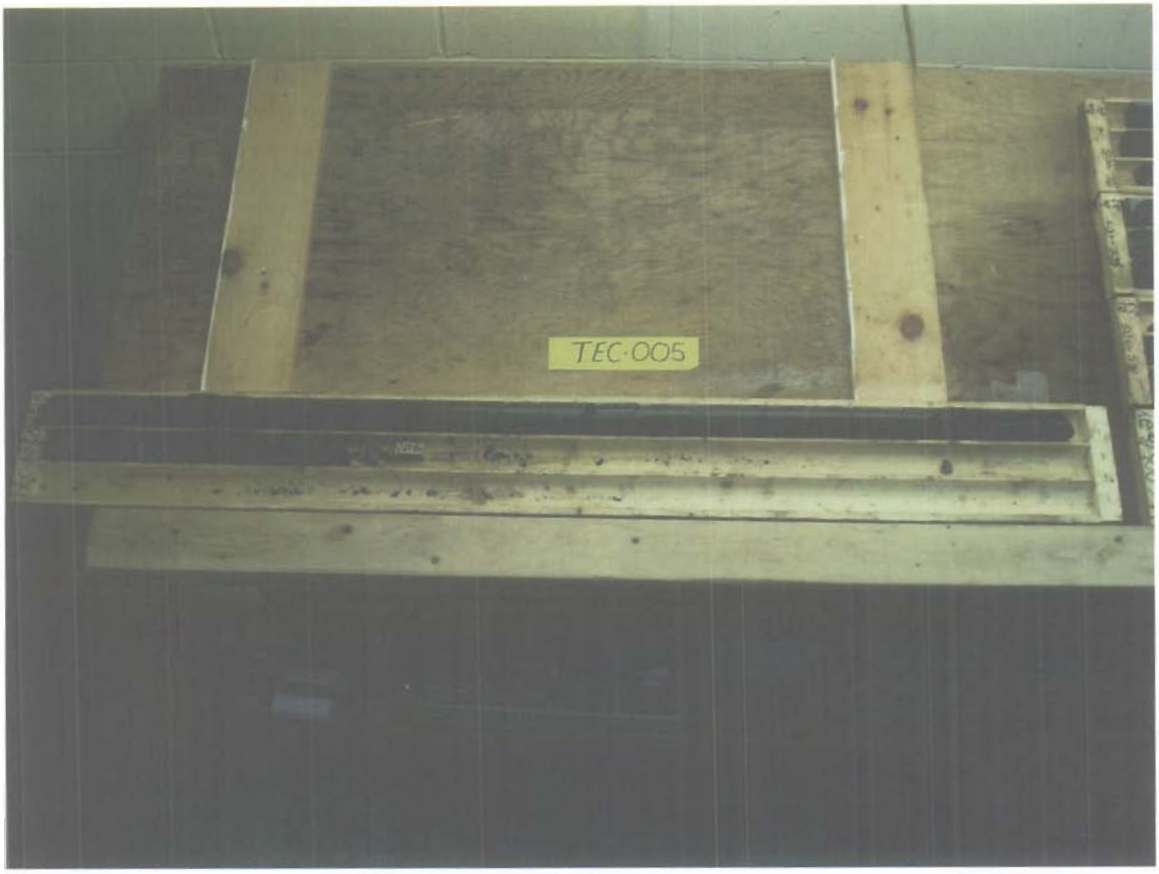

TEC-005

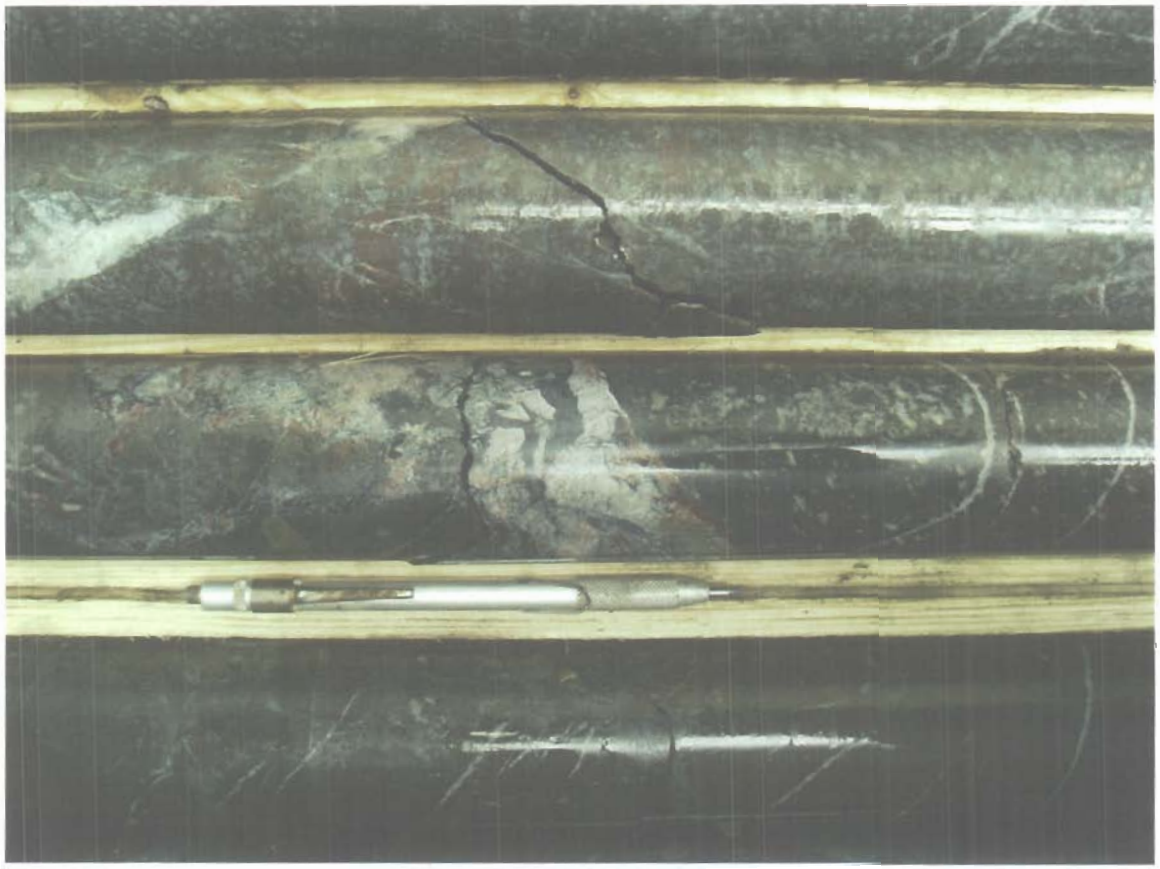

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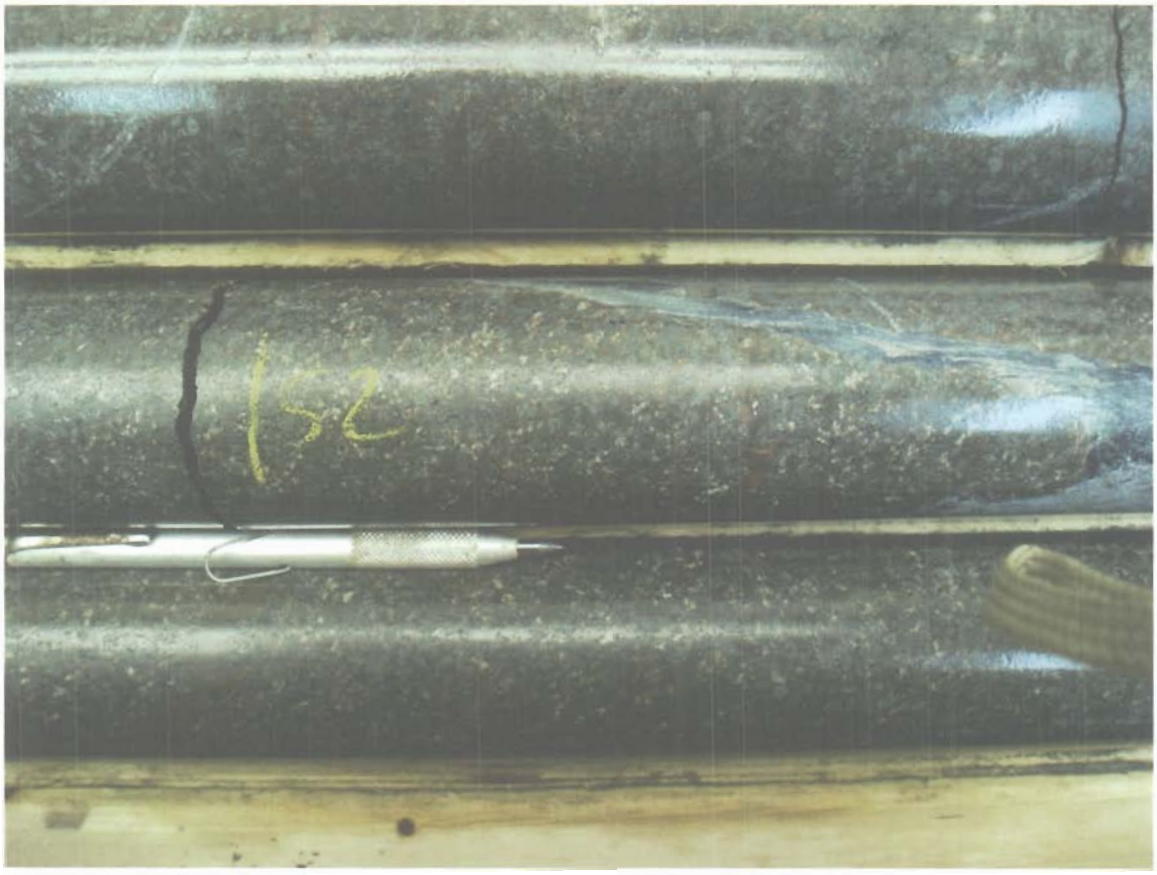

TEC-005


TEC005


TEC005


TEC-005



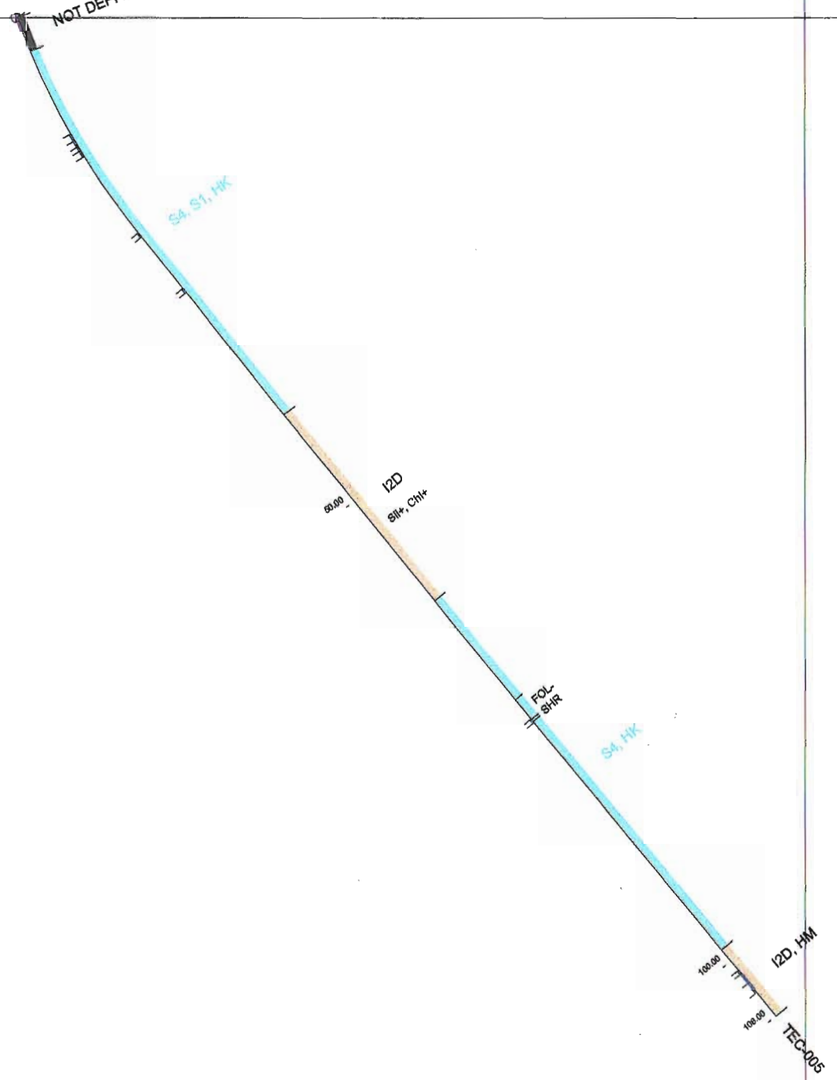

152

1000 N

10000 Elev.

1100 N

10000 Elev.



9900 Elev.

9900 Elev.

1000 N

1100 N

Geological Legend

I2	Intermediate Intrusion
I2D	Syenite
I3	Mafic Intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

Structural Legend

FAU	Fault
FOL	Foliated
FRC	Fracture
SHR	Sheared
-	Weak
	Medium
+	Strong

Alteration Legend

Car	Carbonatisation
Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1 : 500

-5 0 5 10 15 20 25

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Hinterland Metals Inc.

Teck Property

Section L 2900 E - Hole TEC-005

Scale = 1:500

Revision 0

Supervised by: Innovexplo Inc.

Date : May 2005

DRILL HOLE TEC-006

Hinterland Metals Inc.

DDH : TEC-006

Claims title : L3216
Township : Teck
Range :
Lot :

Section : L2300E
Level : 1680N
Work place : Chaput Hugues' core shack

Drilled by : Maurice Dubois & Richard Grenier (Forage Lafrenière)
Geologist : Julien Davy

From : 2005-03-19
Description date : 2005-03-20

To : 2005-03-20

Collar

Azimuth : 315.00°
Plunge : -50.00°
Length : 97.00m

UTM	
Longitude (East)	563350.0
Latitude (North)	5329530.0
Elevation	0.0

Down hole survey

Type	Depth	Azimuth	Plunge
Flexit	12.00m	300.11°	-49.96°
Flexit	15.00m	300.81°	-50.26°
Flexit	18.00m	302.47°	-50.05°
Flexit	21.00m	310.23°	-49.56°
Flexit	24.00m	312.61°	-49.38°
Flexit	27.00m	309.35°	-49.50°
Flexit	30.00m	313.63°	-49.90°
Flexit	33.00m	313.78°	-49.89°
Flexit	36.00m	308.22°	-49.93°
Flexit	39.00m	313.07°	-49.97°
Flexit	42.00m	312.16°	-49.74°
Flexit	45.00m	309.18°	-49.72°
Flexit	48.00m	310.24°	-49.64°
Flexit	51.00m	312.78°	-49.75°
Flexit	54.00m	309.41°	-49.58°
Flexit	57.00m	316.48°	-49.40°
Flexit	60.00m	309.55°	-49.85°
Flexit	63.00m	309.36°	-50.00°
Flexit	66.00m	304.94°	-49.95°
Flexit	69.00m	316.03°	-49.31°
Flexit	72.00m	312.04°	-50.04°
Flexit	75.00m	307.85°	-50.08°
Flexit	78.00m	311.13°	-49.80°
Flexit	81.00m	310.87°	-49.51°

Type	Depth	Azimuth	Plunge
Flexit	84.00m	306.81°	-49.89°
Flexit	87.00m	311.00°	-49.71°
Flexit	90.00m	308.66°	-49.17°
Flexit	93.00m	308.87°	-49.64°

Core size : Carotte NQ
Comments :

Cemented : No

Storage : Yes

			DESCRIPTION
0.00	6.00	OB	
6.00	41.33	I2D; HK	
	8.00	9.00	Dol-
	11.70	11.78	FAU
	16.30	22.00	Dol+
	16.50	21.50	VEI;30°;QzCb;;;Py01;
	16.60	16.66	FRC-
	21.50	26.00	VEI;60°;QzCb;;;Py01;
	22.00	26.00	Hem+
	22.51	22.56	FRC-
	26.20	26.25	FRC+
	27.00	28.00	S4
	29.00	34.00	Py02
	29.50	41.33	Hem
	34.00	38.50	I2; BRE-
	38.50	41.33	I2D; POR
41.33	68.50	S4	
	43.20	50.30	Car
	44.80	45.40	FAU
	50.30	55.40	Dol; Ser-
	50.60	51.20	VEI;35°;Qz;;;Py0.5;
	52.15	52.25	SHR
	55.40	65.75	Car
68.50	89.91	I2; I3; HM	
	86.50	87.45	FOL
	87.45	87.75	FAU
89.91	97.00	S4	
	90.25	90.48	I2D; POR

97.00 DDH end

Number of samples : 32

Total lenght sampled : 27.50

2.30324

Hinterland Metals Inc.

DESCRIPTION				ASSAYS						
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
0.00	6.00	OB									
		Overburden									
		Caising									
6.00	41.33	I2D; HK		7.00	8.00	34092	1.00	0.01			
		Syénite; Heterogeneous									
		Heterogeneous, ogly aspect aphanitic to coarse grained intermediaire unit (feldspath and mafic minerals essentially)									
		- Dm wide parts with 80% of creamy white phenocrists in a magnetite rich brown matrix									
		- Dm wide parts of grey aphanitic matrix									
		- Strong alterations all over:									
		- Chloritization visible by several mm to cm wide green chlorite veins (100% chlorite) and by a greenish tint									
		- Pervasive silicification because the unit is very hard									
		- A local dolomitisation center on a more local sericitization. Both are associated with qz-dol veining system									
		- A local hematisation visible by dark red-brown color									
		- 1% of angular fragments floting in the different matrix type (looks to be wall rock fragments?)									
		- Contacts between different matrix are usually sharp. Could be several intrusion phases or contacts could be alteration bounderies...									
		- 1% of cubic to fine PY disseminated all over unit									
		- Weak to moderate magnetism all over the unit but the sericitized dm wide parts									
	8.00	9.00	Dol-	8.00	9.00	34093	1.00	0.00			
			Dolomite (weak)	9.00	10.00	34094	1.00	0.01			
			Weak pervasive dolomitic alteration	11.20	12.00	34141	0.80	0.00			
	11.70	11.78	FAU								
			Fault								
			Fault along an oxydized QZ vein								
	16.30	22.00	Dol+	16.30	17.00	34095	0.70	0.01			
			Dolomite (strong)								
			Moderate to strong pervasive dolomitic alteration (associated with veining system) with an overprinting of dm wide patches of sericitization (15% of mm sericite cristals)								
	16.50	21.50	VEI;30°;QzCb;;;Py01;								
			Vein 30° Quartz Carbonate Pyrite01								
			QZ-dol tension veining system with 1%PY associated and dolomitic and sericitic alteration associated								
			- Center of system is 50 cm wide of stockwerk								
	16.60	16.66	FRC-	17.00	18.00	34096	1.00	0.00			
			Fracturation (weak)	18.00	18.50	34097	0.50	0.02			
			Grinded rock	18.50	19.00	34098	0.50	0.01			
				19.00	19.50	34099	0.50	0.01			
				19.50	20.00	34100	0.50	0.04		0.04	
				20.00	21.00	34101	1.00	0.00			
				21.00	21.50	34102	0.50	0.01			
	21.50	26.00	VEI;60°;QzCb;;;Py01;	21.50	22.00	34103	0.50	0.02			
			Vein 60° Quartz Carbonate Pyrite01								
			Same Qz-Dol veining system but with hematization associated								
			- Center of this veining system is a 10 cm wide QZ vein with 20% of wall rock fragments and < 1% PY								

Hinterland Metals Inc.

			DESCRIPTION	From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
								ASSAYS			
	22.00	26.00	Hem+	22.00	22.50	34104	0.50	0.00			
			Hematization (strong)	22.50	23.00	34105	0.50	0.00			
			Strong pervasive hematization								
			- Some mm specular hematite veinlets								
	22.51	22.56	FRC-	23.00	24.00	34106	1.00	0.00			
			Fracturation (weak)	24.00	25.00	34107	1.00	0.00			
			Fractured core with a prefered angle at 50° to c.a.	25.00	26.00	34108	1.00	0.01		0.03	
				26.00	27.00	34109	1.00	0.03			
	26.20	26.25	FRC+								
			Fracturation (strong)								
			Grinded rcore								
	27.00	28.00	S4	27.00	28.00	34110	1.00	0.00			
			Conglomerate	28.00	29.00	34111	1.00	0.00			
			5% of cm wide cherty fragments in a medium grained grey unit								
			Conglomerate?								
	29.00	34.00	Py02	29.00	30.00	34112	1.00	0.01			
			Pyrite02%								
			2-3% Fine grained to mm cubic PY disseminated and seems to be associated with hematization								
	29.50	41.33	Hem	30.00	31.00	34113	1.00	0.00			
			Hematization	31.00	32.00	34114	1.00	0.00			
			Modeerate to strong pervasive hematization	32.00	33.00	34115	1.00	0.00			
				33.00	34.00	34116	1.00	0.04			
	34.00	38.50	I2; BRE-								
			Intermediate Intrusion; Brecciated (weak)								
			Ogly aspect of the unit (hematization)								
			- 5-10% of angular cm wide fragments (probably wall rock fragments?)								
	38.50	41.33	I2D; POR								
			Syénite; Porphyric								
			Creamy white mm phenocrists rich (75%) dark brown (strong hematization) syenite								
			- No mineralization associated								
41.33	68.50	S4									
			Conglomerate								
			Typical conglomerate								
			- Cm to dm wide polygenic, fragment rich (60%) conglomerate								
			- Some clasts size variations but generally large clasts in aphanitic matrix								
			- Some cherty and magnetized fragments								
			- Few brown mafic porphyry fragments								
			- Some cm to dm wide sandstone sublayers (5%)								
			- 1-2% of mm qz-dol veining in several directions (no mineralization associated)								
	43.20	50.30	Car								
			Carbonatisation								
			Moderate to strong pervasive carbonatisation all over unit								
	44.80	45.40	FAU	48.00	49.00	34117	1.00	0.03			
			Fault	49.00	50.00	34118	1.00	0.01			
			Sub-paralelle fault	50.00	51.00	34119	1.00	0.00			
			- Strongly fractured core								
			- QZ+Chlorite mm auto-breccia veins								

			DESCRIPTION	ASSAYS						
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
			- Trace of PY								
	50.30	55.40	Dol; Ser-								
			Dolomite (medium); Sericitization (weak)								
			Moderate pervasive dolomitization with some weak sericitization (mm cristals)								
			- Ogly and heterogeneous aspect of the rock								
	50.60	51.20	VEI;35°;Qz;;;Py0.5;	51.00	52.00	34120	1.00	0.00			
			Vein 35° Quartz Pyrite0.5	52.00	53.00	34121	1.00	0.02		0.03	
			5% of Qz veining with auto-brecciation								
			- trace of py								
	52.15	52.25	SHR								
			Sheared								
			QZ-Dol veining in a cm wide deformation zone								
			- Trace of PY								
	55.40	65.75	Car								
			Carbonatisation								
			Moderate pervasive carbonitization								
68.50	89.91	I2; I3; HM									
			Intermediate Intrusion; Mafic intrusion; Homogeneous								
			Dark grey, homogeneous, fine grained, intermediaire to mafic, moderate carbonatized and chloritized unit with 2-3% of strongly chloritized angular fragments								
			- Mm wide, sheared upper contact at 50° to c.a.								
			- 1% of calcite riche veinlets cutting in all direction								
	86.50	87.45	FOL	87.00	88.00	34122	1.00				
			Foliated40°								
			Weak to moderate foliation at 40° to c.a.								
	87.45	87.75	FAU								
			Fault								
			Gauge, fault at 45° to c.a.								
89.91	97.00	S4									
			Conglomerate								
			Same Conglomerate as above with cherty fragments								
	90.25	90.48	I2D; POR								
			Syénite; Porphyric								
			Dark brown, homogeneous intrusion (sharp contact at 60° to c.a.) with 30% of creamy white phenocrists								
97.00	**DDH end**										
	Number of samples : 32										
	Total lenght sampled : 27.50										

Hinterland Metals Inc.

From	To	NUMBER	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
7.00	8.00	34092	1.00	0.01			
8.00	9.00	34093	1.00	0.00			
9.00	10.00	34094	1.00	0.01			
11.20	12.00	34141	0.80	0.00			
16.30	17.00	34095	0.70	0.01			
17.00	18.00	34096	1.00	0.00			
18.00	18.50	34097	0.50	0.02			
18.50	19.00	34098	0.50	0.01			
19.00	19.50	34099	0.50	0.01			
19.50	20.00	34100	0.50	0.04		0.04	
20.00	21.00	34101	1.00	0.00			
21.00	21.50	34102	0.50	0.01			
21.50	22.00	34103	0.50	0.02			
22.00	22.50	34104	0.50	0.00			
22.50	23.00	34105	0.50	0.00			
23.00	24.00	34106	1.00	0.00			
24.00	25.00	34107	1.00	0.00			
25.00	26.00	34108	1.00	0.01		0.03	
26.00	27.00	34109	1.00	0.03			
27.00	28.00	34110	1.00	0.00			
28.00	29.00	34111	1.00	0.00			
29.00	30.00	34112	1.00	0.01			
30.00	31.00	34113	1.00	0.00			
31.00	32.00	34114	1.00	0.00			
32.00	33.00	34115	1.00	0.00			
33.00	34.00	34116	1.00	0.04			
48.00	49.00	34117	1.00	0.03			
49.00	50.00	34118	1.00	0.01			
50.00	51.00	34119	1.00	0.00			
51.00	52.00	34120	1.00	0.00			
52.00	53.00	34121	1.00	0.02		0.03	
87.00	88.00	34122	1.00				

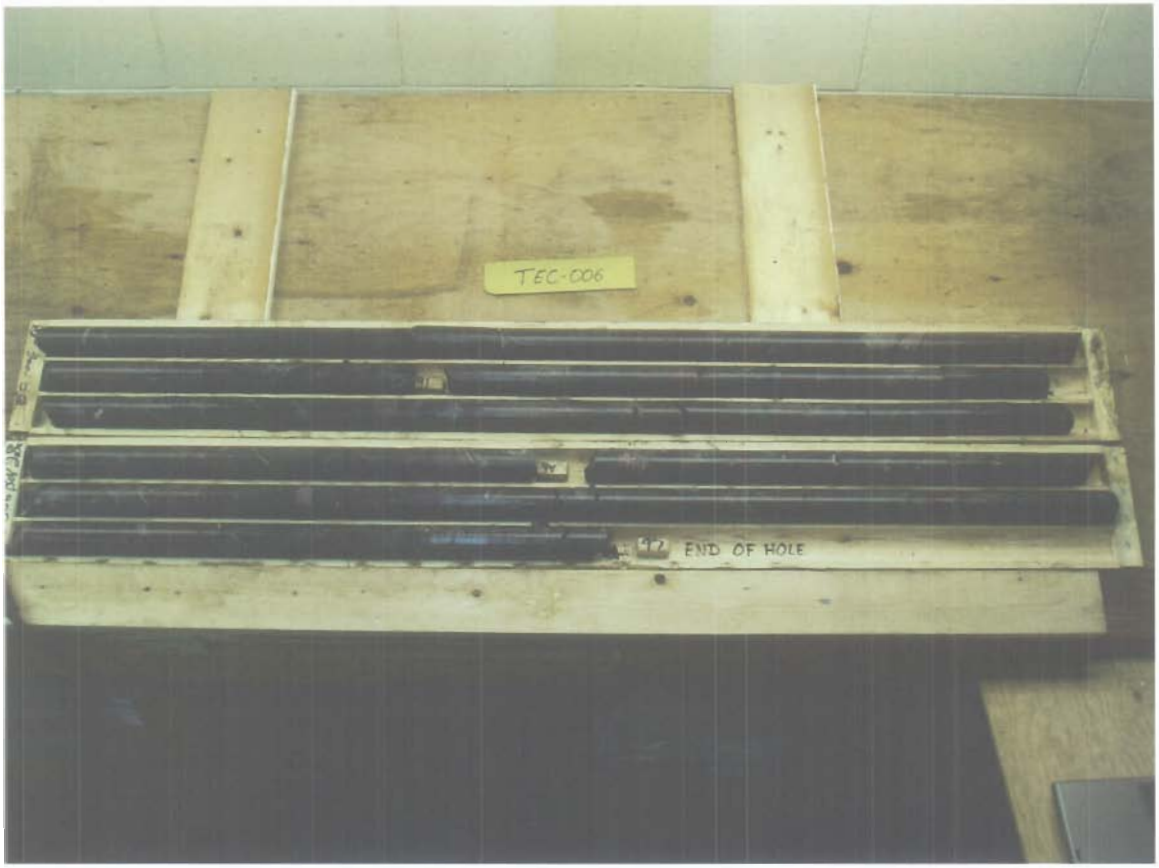

TEC-006


TEC-006

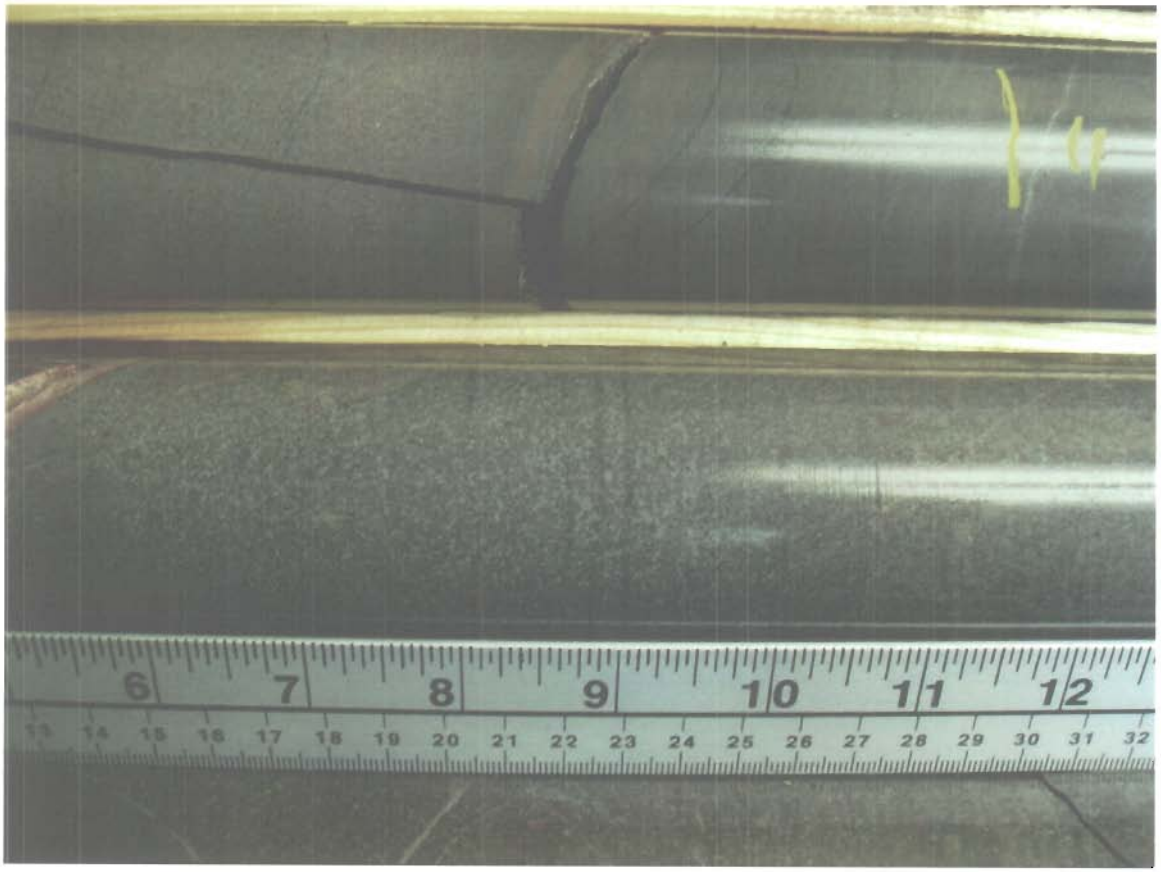

TEC-006


TEC-006

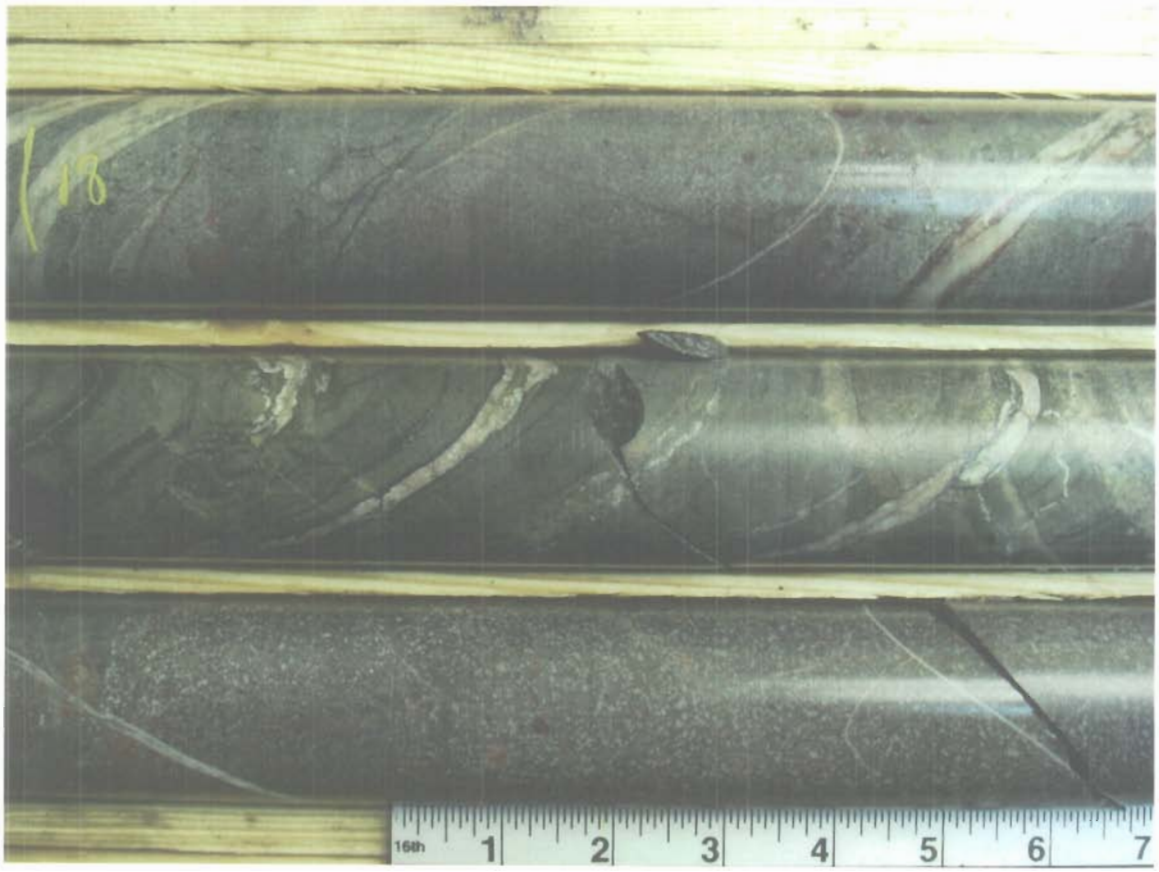

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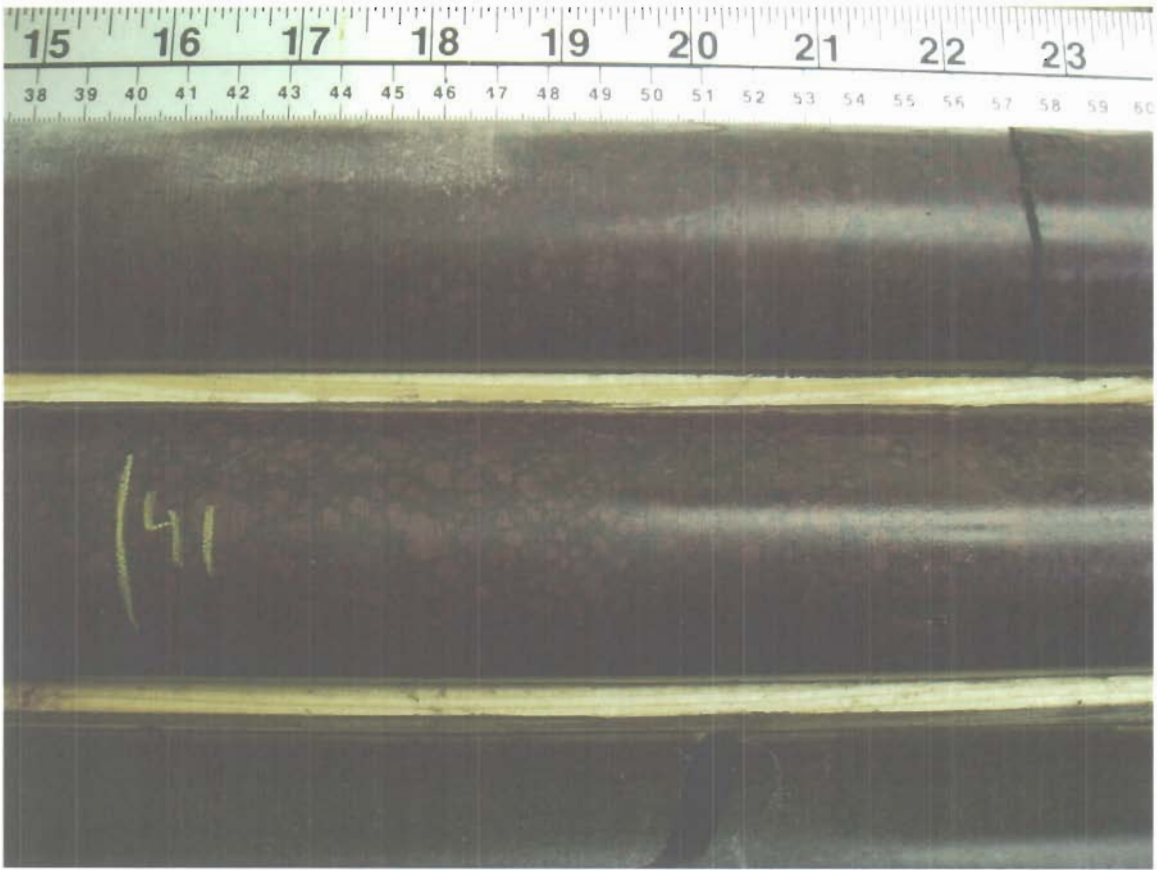

TEC-006
92 END OF HOLE

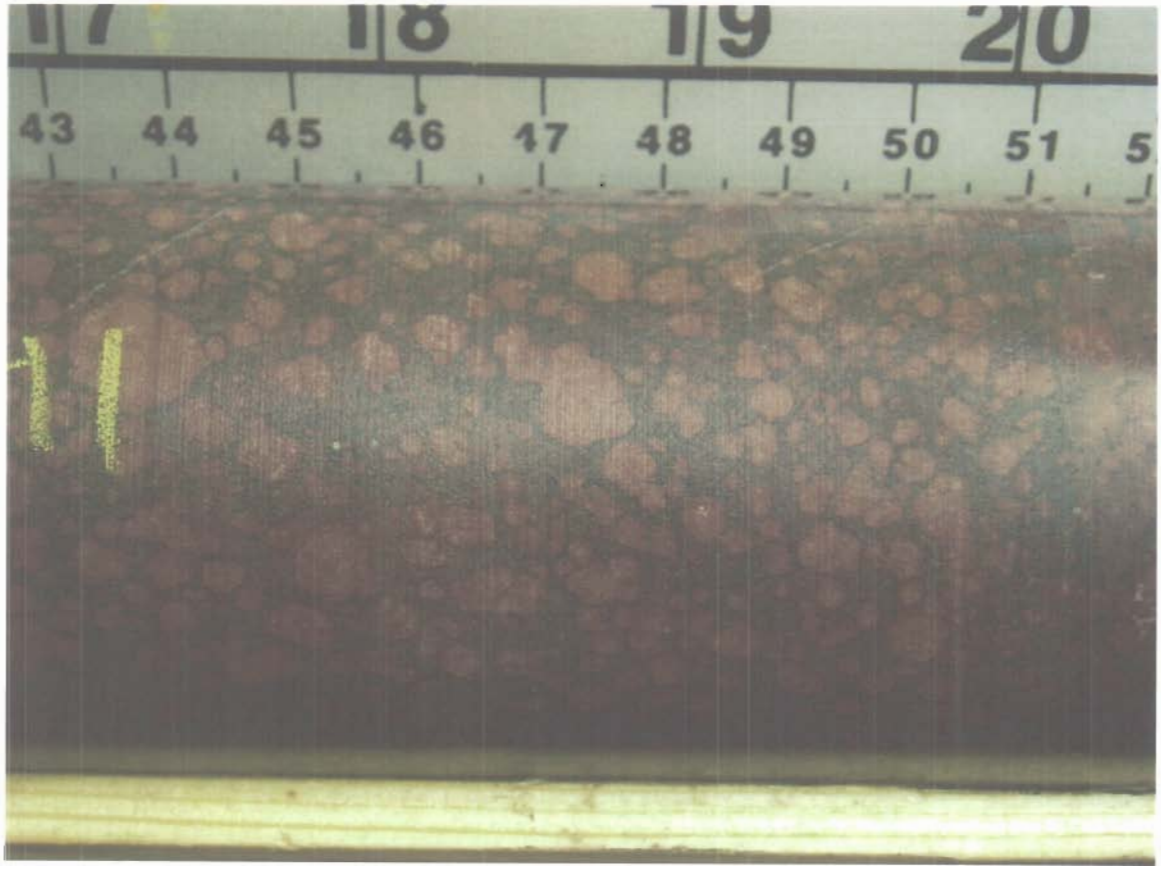




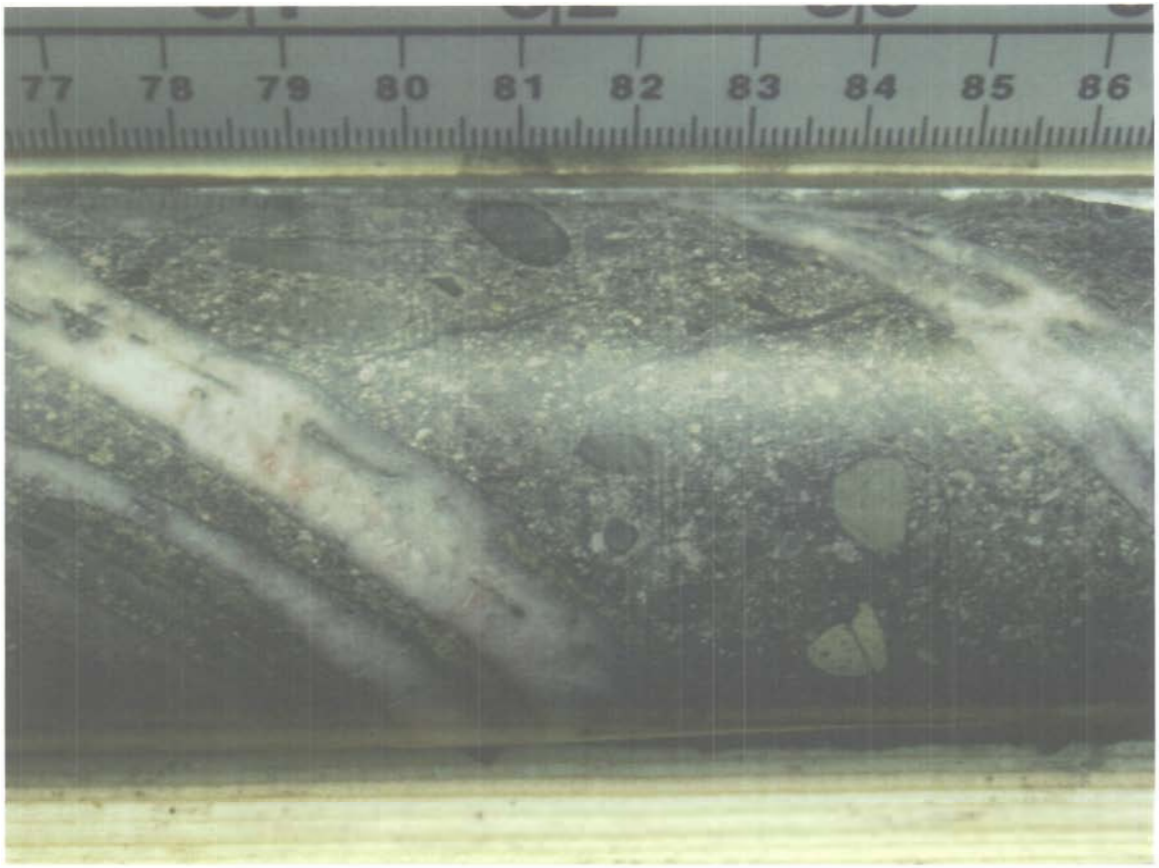

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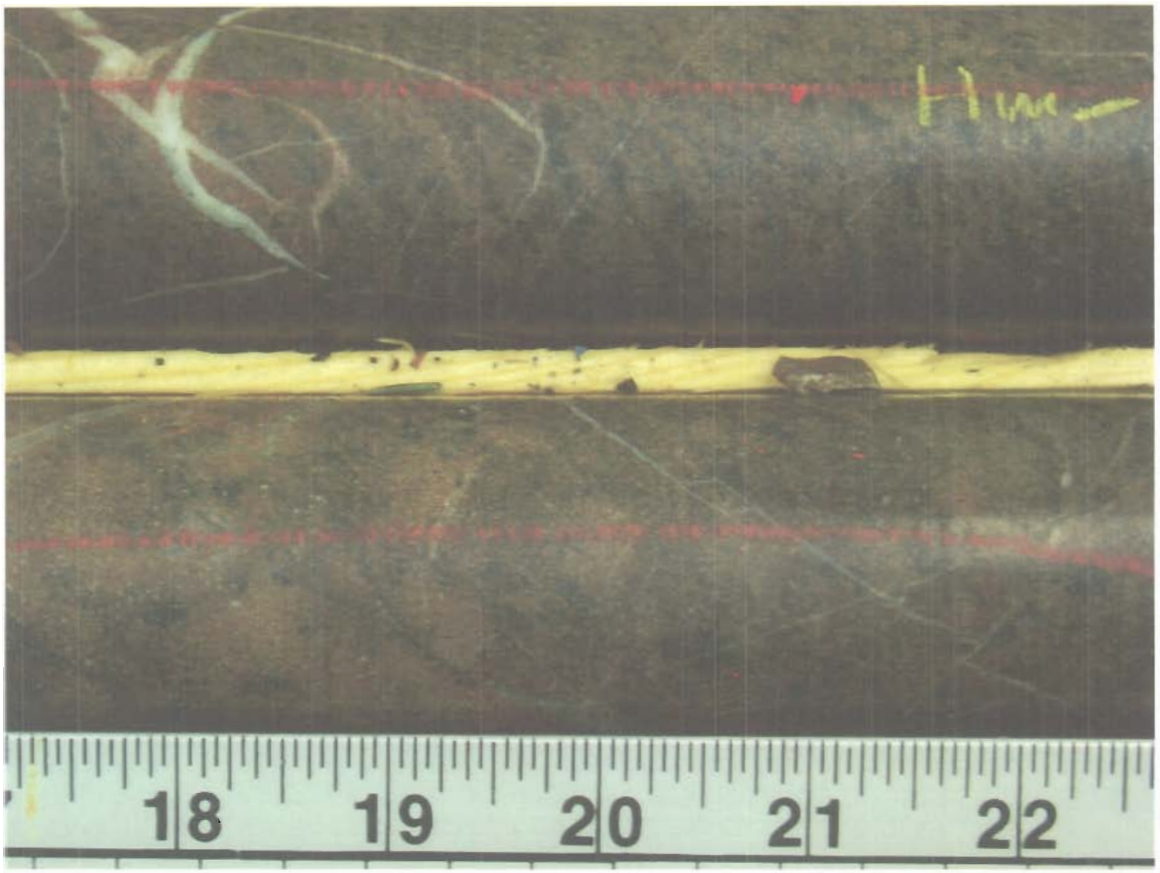

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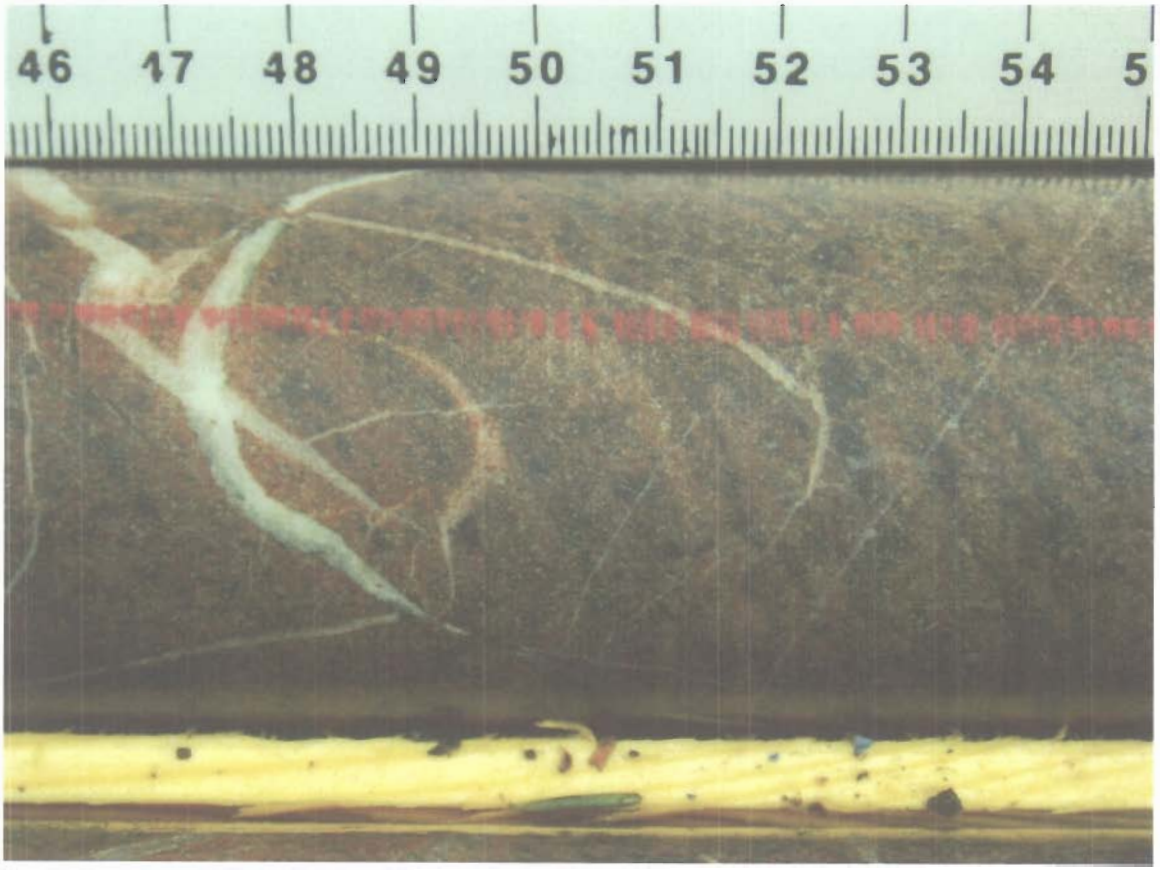

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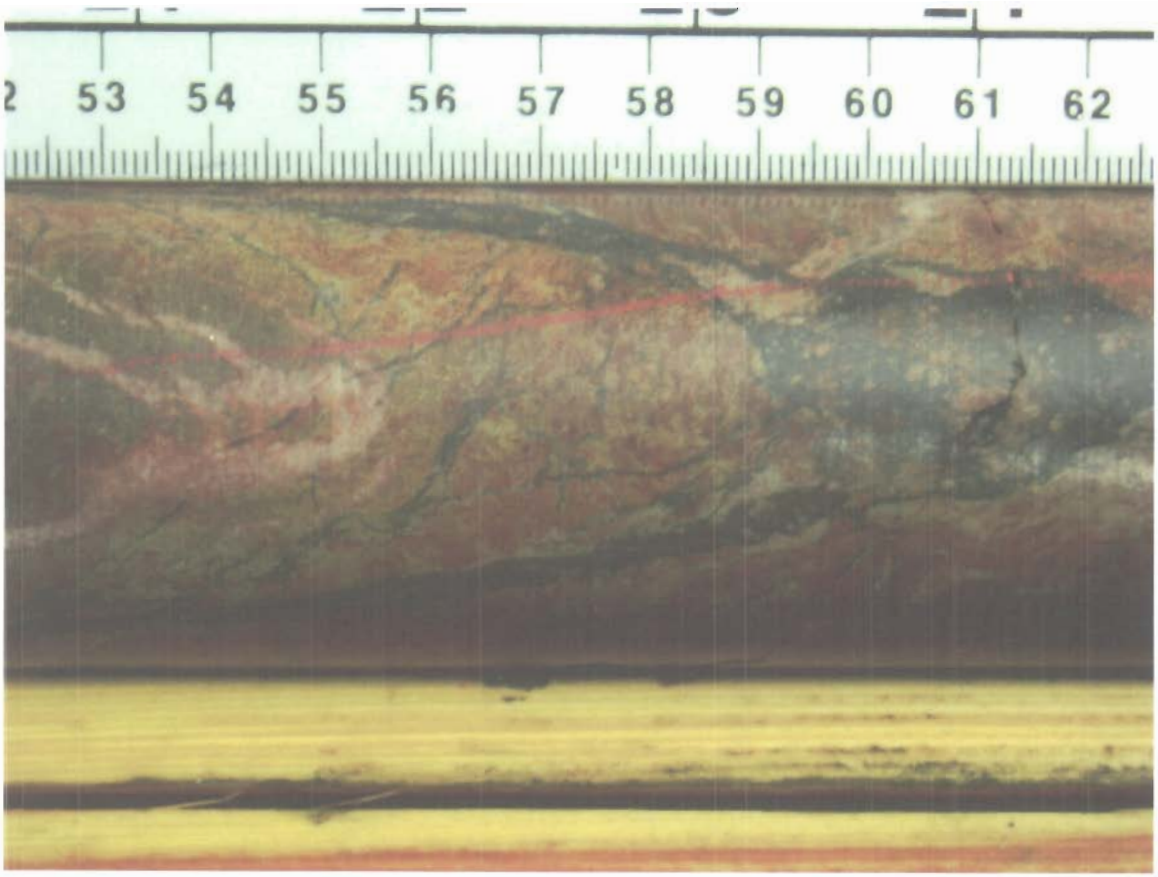

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29 30 31 32 33 34 35 36
Mastercraft


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18
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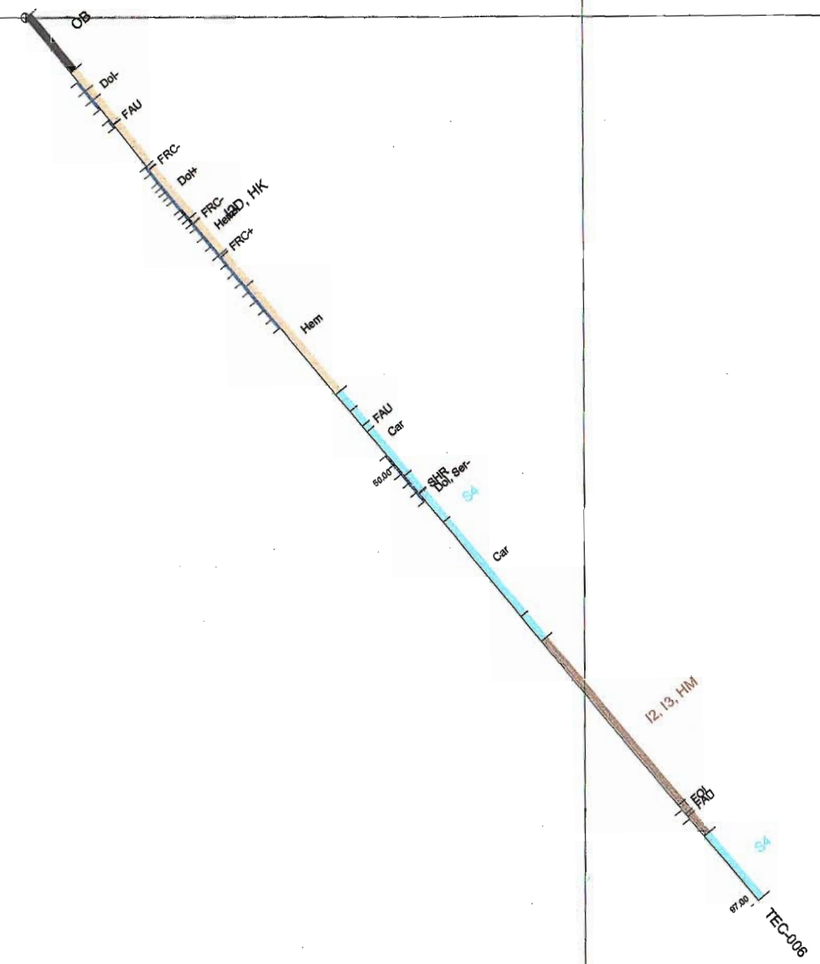

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1600 N

1700 N

10000 Elev.

10000 Elev.



9900 Elev.

9900 Elev.

Geological Legend

I2	Intermediate intrusion
I2D	Syenite
I3	Mafic intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

Structural Legend

FAU	Fault
FOL	Foliated
FRC	Fracture
SHR	Sheared
-	Weak
	Medium
+	Strong

Alteration Legend

Car	Carbonatisation
Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1600 N

1700 N

1 : 500

-5 0 5 10 15 20 25

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Hinterland Metals Inc.

Teck Property

Section L 2300 E - Hole TEC-006

Scale = 1:500

Revision 0

Supervised by: Innovexplo Inc.

Date : May 2005

DRILL HOLE TEC-007

Hinterland Metals Inc.

DDH : TEC-007

Claims title : 3009237
Township : Teck
Range :
Lot :

Section : L2900E
Level : 1460N
Work place : Chaput Hugues' core shack

Drilled by : Maurice Dubois & Richard Grenier (Forage Lafrenière)
Geologist : Julien Davy

From : 2005-03-20
Description date : 2005-03-22

To : 2005-03-21

Collar

Azimuth : 315.00°
Plunge : -50.00°
Length : 125.00m

UTM

Longitude (East)	563925.0
Latitude (North)	5329779.0
Elevation	0.0

Down hole survey

Type	Depth	Azimuth	Plunge
Flexit	8.00m	311.89°	-48.96°
Flexit	11.00m	318.63°	-48.00°
Flexit	14.00m	312.58°	-48.42°
Flexit	17.00m	313.06°	-48.67°
Flexit	20.00m	317.13°	-47.95°
Flexit	23.00m	315.41°	-48.42°
Flexit	26.00m	312.24°	-48.25°
Flexit	29.00m	316.33°	-48.47°
Flexit	32.00m	315.21°	-48.29°
Flexit	35.00m	320.16°	-47.77°
Flexit	38.00m	315.09°	-48.22°
Flexit	41.00m	318.27°	-47.77°
Flexit	44.00m	320.88°	-47.72°
Flexit	47.00m	319.82°	-47.93°
Flexit	50.00m	317.35°	-47.92°
Flexit	53.00m	313.06°	-48.00°
Flexit	56.00m	309.42°	-47.56°
Flexit	59.00m	307.28°	-47.51°
Flexit	62.00m	303.45°	-48.01°
Flexit	65.00m	315.62°	-48.05°
Flexit	68.00m	320.23°	-47.55°
Flexit	71.00m	313.36°	-47.91°
Flexit	74.00m	310.92°	-47.72°
Flexit	77.00m	310.01°	-47.83°

Type	Depth	Azimuth	Plunge
Flexit	80.00m	312.87°	-47.85°
Flexit	83.00m	317.01°	-47.20°
Flexit	86.00m	318.73°	-47.17°
Flexit	89.00m	317.51°	-47.68°
Flexit	92.00m	317.38°	-47.57°
Flexit	95.00m	319.83°	-46.96°
Flexit	98.00m	313.76°	-47.54°
Flexit	101.00m	315.53°	-47.62°
Flexit	104.00m	319.57°	-47.30°
Flexit	107.00m	320.88°	-47.00°
Flexit	110.00m	322.26°	-47.08°
Flexit	113.00m	323.97°	-47.15°
Flexit	116.00m	314.68°	-46.87°
Flexit	119.00m	318.14°	-47.25°

Core size : Carotte NQ
Comments :

Cemented : No

Storage : Yes

DESCRIPTION

0.00	35.90	S4	
	6.50	10.80	FRC+
	16.90	18.00	FRC
	20.90	25.00	FRC+
	29.00	29.13	I2D; POR
	31.50	36.00	Hem
	31.70	31.90	I2
	32.70	32.82	I2
	34.00	36.00	FRC+
35.90	47.55	T2	
47.55	52.50	S4	
	48.50	50.00	FRC
52.50	86.80	T2	
	52.50	54.50	T2
	83.52	83.88	S4
86.80	92.05	I3?	
	86.80	103.00	Hem
92.05	107.34	T2	
107.34	110.80	S1	
110.80	120.94	S4	
120.94	125.00	T2	

125.00 DDH end
Number of samples : 18
Total lenght sampled : 16.95

Hinterland Metals Inc.

DESCRIPTION				ASSAYS						
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
0.00	35.90	S4									
		Conglomerate									
		Typical conglomerate									
		- Cm to dm wide polygenic, fragment rich (60%) conglomerate									
		- Some clasts size variations but generally large clasts in aphanitic matrix									
		- Some cherty and magnetized fragments									
		- Few brown mafic porphyry fragments									
		- Moderate magnetism all over the unit									
		- Some cm to dm wide sandstone sublayers (2%)									
		- 1% of mm qz-dol veining in several directions (no mineralization associated)									
	6.50	10.80	FRC+								
			Fracturation (strong)								
			Strongly fractured rock with few mm wide plans carring gauge								
	16.90	18.00	FRC								
			Fractured								
			Fractured core without gauge evidence but with bolders!! Open space fracture...								
	20.90	25.00	FRC+								
			Fracturation (strong)								
			- Same strongly fractured but strongly grinded too								
			- 60 cm lost core								
			- Lots of mm to cm wide rounded bolders. Open space fracture								
	29.00	29.13	I2D; POR								
			Syénite; Porphyric								
			Dm wide phenocrists rich (mm, 50%) dyke								
	31.50	36.00	Hem								
			Hematization								
			Weak to moderate pervasive hematization overprinting sevarl units								
	31.70	31.90	I2								
			Intermediate Intrusion								
			10% mm phenocrists in an dark brown aphanitic matrix dyke								
	32.70	32.82	I2	33.70	34.70	34123	1.00	0.01			
			Intermediate Intrusion								
			Red brown (hematization?) dyke								
			- 50-50 redish mm cristals (altered feldspars?) and chloritized matrix								
	34.00	36.00	FRC+	34.70	35.10	34124	0.40	0.00			
			Fracturation (strong)	35.10	36.00	34125	0.90	0.04		0.02	
			Moderate to strongly fractured core at the conglomerate - tuff contact, in the conglomerate.								
			- from 35.15 to 35.75m: consolided fault breccia (mm angular fragments in a consolited gauge)								
			- 1 -2% Py disseminated and generally associated with some mm wide QZ veins (2%)								
35.90	47.55	T2									
		Intermediate tuff									
		Homogeneous and massive, grey aphanitic matrix with 25% of mm pale green cristals (feldspars weakly sericitized?)									
		Intermediaire cristal tuff?									
47.55	52.50	S4									
		Conglomerate									

		DESCRIPTION	ASSAYS						
			From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
		Same conglomerate as above with 5% QZ veinig (almost stockwerk)								
		No mineralization								
	48.50	50.00 FRC								
		Fractured								
		Moderate fracturation								
52.50	86.80	T2								
		Intermediate tuff								
		Massive and homogeneous, grey aphanitic matrix								
		- Some evidences of mm bedding and or weak foliation at 50° to c.a.								
		- Accumulation of several units (several contacts but same caracteristics on both side of contact)								
		- 1-2% of mm to cm monogenic angular (some are vesicular) fragments (lapillis?)								
		- Moderate magnetism all over the unit								
		Intermediaire ash tuff?								
	52.50	54.50 T2								
		Intermediate tuff								
		5% of mm to cm monogenic vesicular fragments (lapillis?)								
	83.52	83.88 S4								
		Conglomerate								
		5-10% cm wide clasts, same as in conglomerate								
86.80	92.05	I3?								
		Mafic intrusion?50°								
		Dark red brown (hematization?), ugly aspect (heterogeneous), fragmental (25% of angular, some vesicular and from mm to cm wide fragments) unit;								
		Probably strongly altered lapillis tuff								
		- 1% very fine Py disseminated all over								
		- 1% of Dol veining crossing in all direction but with a preferential orientation of 50° to c.a.								
	86.80	103.00 Hem	87.00	88.00	34126	1.00	0.02	0.001	0.01	0.001
		Hematization	88.00	89.00	34127	1.00	0.00			
		Moderate to strong pervasive hematization caracterized by dark brown to dark redish fragments or phenocrists in a dark matrix	89.00	90.00	34128	1.00	0.01	0.001		
			90.00	91.00	34129	1.00	0.00			
			91.00	92.00	34130	1.00	0.02	0.001		
			92.00	93.00	34131	1.00	0.01	0.001		
92.05	107.34	T2	93.00	94.00	34132	1.00	0.01	0.001		
		Intermediate tuff	94.00	95.00	34133	1.00	0.00			
		Upper contact is a moderate foliated (11cm) and could be a small shear zone (?)	95.00	96.00	34134	1.00	0.01	0.001		
		- Porphiroblastic unit with 80% red brown (strong hematisation) phenocrists (some are 1cm wide) in a dark (chloritised) aphanitic matrix	96.00	97.00	34135	1.00	0.00			
			97.00	98.00	34136	1.00	0.00			
		- Size of phenocrists are changing heterogeneously down hole and change gradualy to a fragmental unit without phenocrists (lapillis tuff ?)	98.00	99.00	34137	1.00	0.02	0.001		
			99.00	100.00	34138	1.00	0.00			
		- 1-2% very fine PY disseminated all over unit (is there a relation betwwen PY and hematisation?...)	100.00	101.00	34139	1.00	0.00			
		- Some QZ - dol veining in all direction. Some are auto-breccia veins with <1% PY								
107.34	110.80	S1								
		Sandstone								
		Thin sharp contact (at 60° to c.a.) hard to distinguish but also visible by few cherty clasts								
		- Grey fine grained unit, homogeneous and massive aspect with some cm wide clasts rich layers suggestion a gradded bedding up hole								
110.80	120.94	S4								

DESCRIPTION			ASSAYS						
			From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
		Conglomerate								
		Same typical conglomerate								
120.94	125.00	T2	121.75	122.40	34140	0.65	0.01	0.001	0.03	0.001
		Intermediate tuff								
125.00	**DDH end**	Sharp waving upper contact at 30° to c.a.								
	Number of samples	Clasts phanitic and homogeneous matrix with some (5%) mm angular and monogenic								
	Total length sampled	Fragments (lapilli)								
		Probably lapillis tuff with a weak foliation at 45° to c.a.								
		- Some mm Qz veinlets with 1-2% PY and 1% CP								

Hinterland Metals Inc.

From	To	NUMBER	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
33.70	34.70	34123	1.00	0.01			
34.70	35.10	34124	0.40	0.00			
35.10	36.00	34125	0.90	0.04		0.02	
87.00	88.00	34126	1.00	0.02	0.001	0.01	0.001
88.00	89.00	34127	1.00	0.00			
89.00	90.00	34128	1.00	0.01	0.001		
90.00	91.00	34129	1.00	0.00			
91.00	92.00	34130	1.00	0.02	0.001		
92.00	93.00	34131	1.00	0.01	0.001		
93.00	94.00	34132	1.00	0.01	0.001		
94.00	95.00	34133	1.00	0.00			
95.00	96.00	34134	1.00	0.01	0.001		
96.00	97.00	34135	1.00	0.00			
97.00	98.00	34136	1.00	0.00			
98.00	99.00	34137	1.00	0.02	0.001		
99.00	100.00	34138	1.00	0.00			
100.00	101.00	34139	1.00	0.00			
121.75	122.40	34140	0.65	0.01	0.001	0.03	0.001

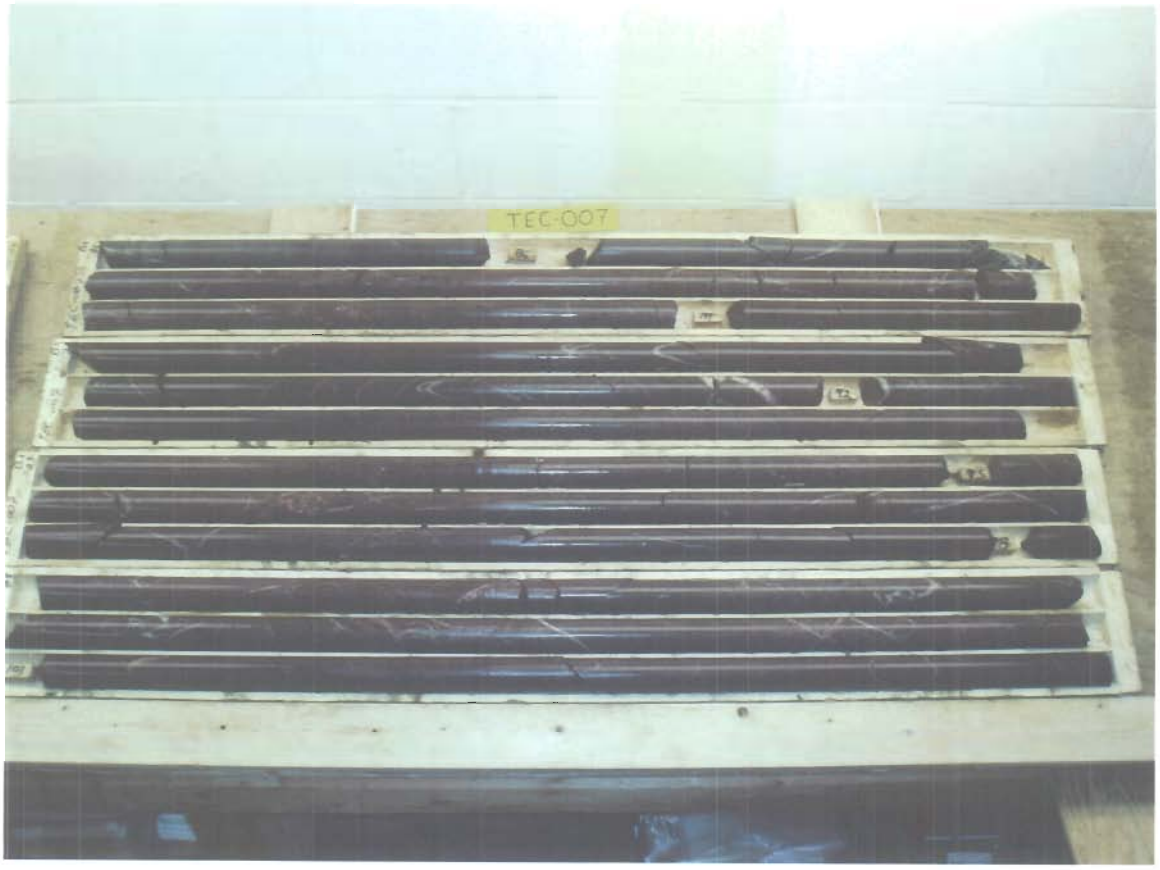

TEC-007


TEC-007


TEC-007


TEC-007


TEC-007


TEC-007


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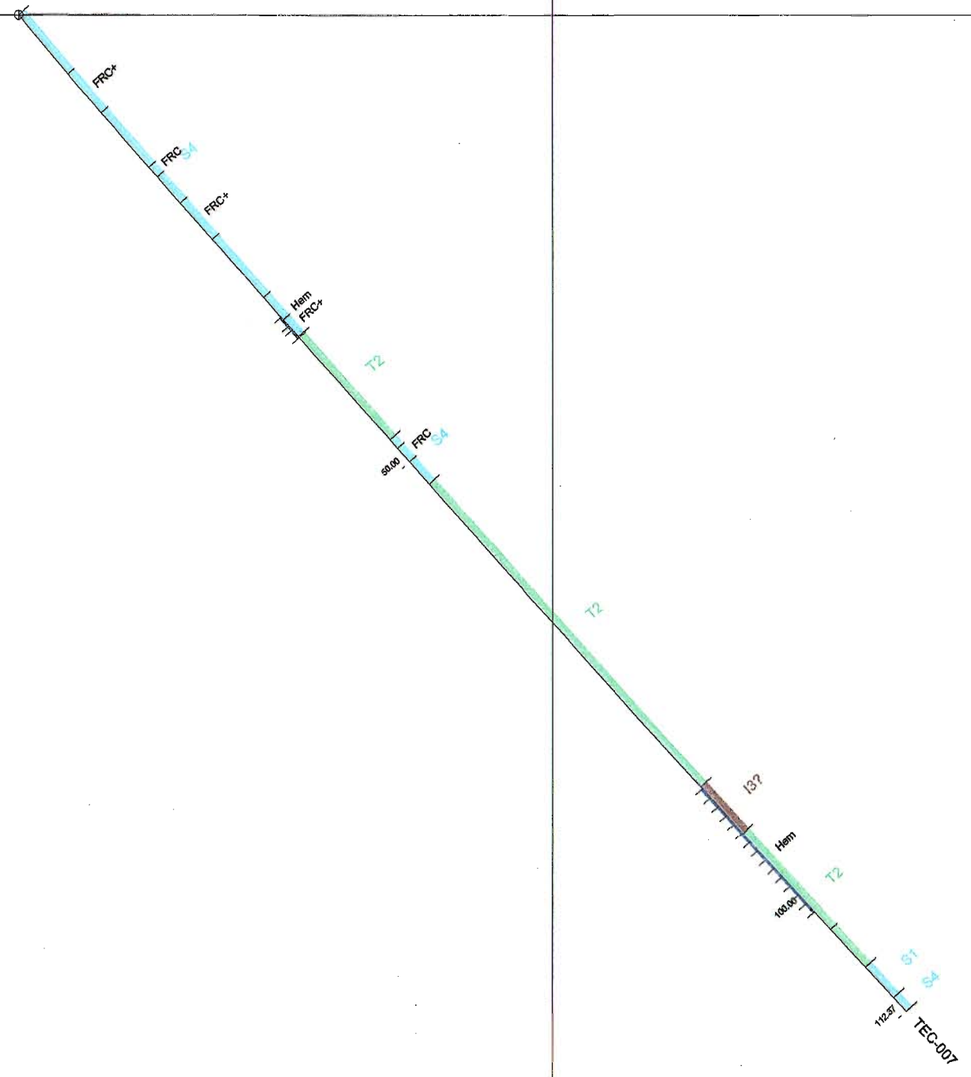

TEC-007

1400 N

1500 N

10000 Elev.

10000 Elev.



9900 Elev.

9900 Elev.

Geological Legend

I2	Intermediate intrusion
I2D	Syenite
I3	Mafic intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

Structural Legend

FAU	Fault
FOL	Foliated
FRC	Fracture
SHR	Sheared
-	Weak
	Medium
+	Strong

Alteration Legend

Car	Carbonatisation
Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1400 N

1500 N

1 : 500

-5 0 5 10 15 20 25

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Hinterland Metals Inc.

Teck Property

Section L 2900 E - Hole TEC-007

Scale = 1:500

Revision 0

Supervised by: Innovexplo Inc.

Date : May 2005

DRILL HOLE TEC-008

Hinterland Metals Inc.

DDH : TEC-008

Claims title : L3190
Township : Teck
Range :
Lot :

Section : L2900E
Level : 1600N
Work place : Chaput Hugues' core shack

Drilled by : Maurice Dubois & Richard Grenier (Forage Lafrenière)
Geologist : Julien Davy

From : 2005-03-22
Description date : 2005-03-23

To : 2005-03-24

Collar

Azimuth : 315.00°
Plunge : -50.00°
Length : 122.00m

UTM

Longitude (East)	563826.0
Latitude (North)	5329933.0
Elevation	0.0

Down hole survey

Type	Depth	Azimuth	Plunge
Flexit	19.00m	317.48°	-49.80°
Flexit	22.00m	313.24°	-49.77°
Flexit	25.00m	321.02°	-49.34°
Flexit	28.00m	315.64°	-49.72°
Flexit	31.00m	321.56°	-49.29°
Flexit	34.00m	321.58°	-49.38°
Flexit	37.00m	317.05°	-49.66°
Flexit	40.00m	315.18°	-49.35°
Flexit	43.00m	314.09°	-49.49°
Flexit	46.00m	310.68°	-49.72°
Flexit	49.00m	319.27°	-49.16°
Flexit	52.00m	322.05°	-49.17°
Flexit	55.00m	316.61°	-49.10°
Flexit	58.00m	314.21°	-49.48°
Flexit	61.00m	313.89°	-48.97°
Flexit	64.00m	316.73°	-49.13°
Flexit	67.00m	319.58°	-48.97°
Flexit	70.00m	312.62°	-48.90°
Flexit	73.00m	309.53°	-48.99°
Flexit	76.00m	304.98°	-49.03°
Flexit	79.00m	301.67°	-49.24°
Flexit	82.00m	300.94°	-49.16°
Flexit	85.00m	306.52°	-49.30°
Flexit	88.00m	322.35°	-49.07°

Type	Depth	Azimuth	Plunge
Flexit	91.00m	313.38°	-49.31°
Flexit	94.00m	323.42°	-44.90°
Flexit	97.00m	315.43°	-49.23°
Flexit	100.00m	317.46°	-48.93°
Flexit	103.00m	321.56°	-48.70°
Flexit	106.00m	319.60°	-48.74°
Flexit	109.00m	317.71°	-49.07°
Flexit	112.00m	318.25°	-48.99°
Flexit	115.00m	311.05°	-49.18°
Flexit	118.00m	318.99°	-48.76°

Core size :
Comments :

Cemented : No

Storage : Yes

DESCRIPTION

0.00	3.00	OB	
3.00	27.30	I2; POR	
	9.00	26.00	Car
	19.00	27.10	VEI;;CbCl;;;Py0.5;
27.30	28.75	S4	
28.75	31.35	T2	
	28.75	31.35	Sil+
	29.08	29.10	FAU
	30.50	30.70	FRC
31.35	34.35	S6A	
	31.35	53.00	Sil
	31.50	31.65	VEI;10°;QzCb;;;Cp02;
	31.80	32.20	S4
34.35	47.50	S	
	41.00	41.60	FRC+
	41.80	43.50	S; BED
47.50	66.20	S4	
	47.52	47.60	I2
	47.70	47.74	SHR
	53.00	63.00	Chl
	56.35	56.61	FRC+
	63.00	79.50	Car
	65.10	65.34	VEI;65°;QzCl;;;Py0.5;
66.20	79.50	S	
	66.70	66.75	VEI;30°;QzCl;;;Py0.5;
79.50	94.50	T2	
	79.50	80.92	Sil+
	80.92	87.00	Dol
	87.00	91.50	Sil+
	88.70	89.27	S4
	91.50	94.60	Dol+
	92.00	94.00	VEI;;Cb;;;Py0.5;
94.50	98.50	S1	
98.50	122.00	S4	
	100.45	100.85	FRC; FAU
	100.85	101.50	Py03
	103.80	103.95	FRC; FAU
	111.37	115.35	T2
	111.95	112.00	FAU
	114.58	114.60	FAU
	114.60	122.00	FOL-

122.00 DDH end

Number of samples : 21

Total lenght sampled : 17.05

Hinterland Metals Inc.

DESCRIPTION				ASSAYS						
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
0.00	3.00	OB									
		Overburden									
		Overburden									
3.00	27.30	I2; POR									
		Intermediate Intrusion; Porphyric									
		Dark brown (chocolat) aphanitic matrix with 10% white creamy mm angular phenocrists (feldspar?) and 5-10% dark and heterogeneous angular fragments (probably wall rock fragments)									
		- Weak to moderate magnetism all over unit									
	9.00	26.00	Car								
			Carbonatisation								
			Weakly to moderate pervasive effervescence but associated with 2-3% mm carbonate veinlets.								
	19.00	27.10	VEI;;CbCl;;;Py0.5;	21.00	22.00	34142	1.00	0.00			
			Vein Carbonate Chlorite Pyrite0.5	22.00	23.00	34143	1.00	0.00			
			Rising of the carbonate veins:	23.00	24.00	34144	1.00	0.00			
			- 2-3% mm to cm (some) wide								
			- chlorite associated								
			- Trace of PY and specular hematite								
27.30	28.75	S4									
		Conglomerate									
		Typical coarse cherty conglomerate									
28.75	31.35	T2									
		Intermediate tuff									
		Grey homogeneous aphanitic unit with 5-10% mm fragments (some rounded or vesicular?, some angular, Lapillis?)									
		- Strong silicification of the unit with both contact on 20 cm completely replaced by silice (chert aspect)									
	28.75	31.35	Sil+								
			Silicification (strong)								
			Strong to intense silicification								
	29.08	29.10	FAU								
			Fault60°								
			Mm, oxydized fault								
	30.50	30.70	FRC								
			Fractured								
			Moderate fracturation of core with oxydized planes								
31.35	34.35	S6A									
		Siltstone									
		Brown (oxydized unit?), homogeneous, sandy aspect unit in sharp contact (70° to c.a.)									
		- Some coarser clasts (conglomeratic layers)									
		- Probably siltstone									
	31.35	53.00	Sil	31.35	32.00	34145	0.65				
			Silicification								
			Moderate to strong silicification of all units (very hard rock...) decreassing down hole overprinting a moderate choritisation								
	31.50	31.65	VEI;10°;QzCb;;;Cp02;								
			Vein 10° Quartz Carbonate Chalcopyrite02								
			Sub-parallele qz-dol vein with 2% of CP (greenish-yellow patches)								

			DESCRIPTION	ASSAYS							
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
	31.80	32.20	S4 **Conglomerate** Conglomeratic layer (typical) in progressive contact with siltstone								
34.35	47.50		S **Sedimentary rock** Mm to dm wide variation of aphanitic, chloritized (probably mudshale) to coarse grained bedded layers - Contacts are progressive - Lower contact is filed by the porphiric intrusion								
	41.00	41.60	FRC+ **Fracturation (strong)** Strong fracturation								
	41.80	43.50	S; BED **Sedimentary rock; Bedded** Strong and waiving bedding at 70° to c.a. - Polygenic mm clasts in more brownish horizons - 1% Py disseminated - 5% of carbonate veining with hematization (redish spots in veins). 1% PY, 1% CP and trace of specular hematite associated	42.50 43.50 47.00	43.50 44.50 47.60	34146 34147 34148	1.00 1.00 0.60	0.02 0.02 0.01	0.001 0.001 0.001		
47.50	66.20		S4 **Conglomerate** Typical coarse clasted conglomerate								
	47.52	47.60	I2 **Intermediate Intrusion** Phorphiric intrusion with 75% of mm creamy phenocrists	47.60	47.90	34149	0.30	0.01			
	47.70	47.74	SHR **Sheared70°** Weak shear filed by tension QZ-CB veins at the contact fine grained sed-conglomerate No evidence of mineralisation								
	53.00	63.00	Chl **Chloritization** Moderate chloritisation								
	56.35	56.61	FRC+ **Fracturation (strong)** Core fractured								
	63.00	79.50	Car **Carbonatisation** Moderate pervasive carbonatization (mm cristals disseminated) overprinting the chloritization	64.50 65.08	65.08 65.35	34150 34151	0.58 0.27	0.01 0.00	0.001	0.00	
	65.10	65.34	VEI;65°;QzCl;;;Py0.5; **Vein 65° Quartz Chlorite Pyrite0.5** Dm wide QZ-CB veins with very few fine py disseminated - Upper contact is a 3cm wide intermediary to mafic aphanitic intrusion with 5% PY disseminated...	65.35	66.00	34152	0.65	0.01	0.001		
66.20	79.50		S **Sedimentary rock** Dark grey, generally aphanitic matrix, bedded (at 70° to c.a.) with some granulometric variation								

			DESCRIPTION	ASSAYS							
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
			but generally homogeneous (silt); - Upper is progressive with the conglomerate; - Lower contact is sharp at 70° to c.a. and visible because of a silicification boundery; Not sure if lower unit is the same sediments or tuffs (?) - 10-15% of mm creamy rounded clasts disseminated with bedding preferences; - Siltstone with some saandstone horizons?								
	66.70	66.75	VEI;30°;QzCl;;;Py0.5; **Vein 30° Quartz Chlorite Pyrite0.5** QZ vein with chlorite associated								
79.50	94.50		T2 **Intermediate tuff** Aphanitic strongly altereted matrix (ugly aspect) and looks not very different from the upper unit but: - Weak foliation all over the unit (around 50° to c.a.), stronger then into the upper sedimentary rock - 25% of mm angular to sub-rounded fragments (lapillis?) - Different alteration (dolomitic vs chloritic) Intermediairy lapillis tuff? - trace of py disseminated								
	79.50	80.92	Sil+ **Silicification (strong)** Sharp silicification upper contact at a probable unit contact (?)								
	80.92	87.00	Dol **Dolomite (medium)** Pale creamy pervasive dolomitic alteration boundered by calcitic and silice alterations	82.00 83.00	83.00 84.00	34165 34166	1.00 1.00	0.00 0.00			
	87.00	91.50	Sil+ **Silicification (strong)** Very hard rock, strongly silicified								
	88.70	89.27	S4 **Conglomerate** Small intersection of clasty (mm to cm wide) sandstone, conglomerate								
	91.50	94.60	Dol+ **Dolomite (strong)** Creamy, strongly dolomitized	91.50	92.50	34153	1.00	0.03	0.001		
	92.00	94.00	VEI;;Cb;;;Py0.5; **Vein Carbonate Pyrite0.5** 2-5% carbonate veinlets in all directions, cutting dolomitization with trace of py	92.50 93.50	93.50 94.50	34154 34155	1.00 1.00	0.00 0.01	 0.001		
94.50	98.50		S1 **Sandstone** Brownish, altered but homogeneous fine grained unit mixte with few cm wide clasts (conglomeratic) Probably sandstone	94.50	95.50	34156	1.00	0.01	0.001		
98.50	122.00		S4 **Conglomerate** Typical coarse clasted conglomerate - Some dm wide fier grained horizon	99.00 100.00	100.00 100.80	34157 34158	1.00 0.80	0.08 0.00	0.002	0.08	0.002
	100.45	100.85	FRC; FAU **Fractured; Fault60°**	100.80	101.45	34159	0.65	0.01	0.001		

DESCRIPTION			ASSAYS						
			From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
		Fractured core with some mud planes at 60° to c.a.								
100.85	101.50	Py03	101.45	102.00	34160	0.55	0.03	0.001		
		Pyrite03%								
		Very fine, disseminated by patches PY								
103.80	103.95	FRC; FAU								
		Fractured; Fault								
		Fractured core with faulting								
111.37	115.35	T2								
		Intermediate tuff								
		Grey, sandy aspect generally fine grained unit with mm to cm wide angular fragments (lappilis) concentrated by dm layers								
		Lapillis tuffs								
111.95	112.00	FAU								
		Fault								
		faulting at 60° to c.a.								
114.58	114.60	FAU								
		Fault								
		Gauge on 2 mm at 60° to c.a.								
114.60	122.00	FOL-								
		Foliated (weak)40°								
		Weak foliation concentrated around clasts at 40° to c.a.								
122.00	**DDH end**									
	Number of samples : 21									
	Total lenght sampled : 17.05									

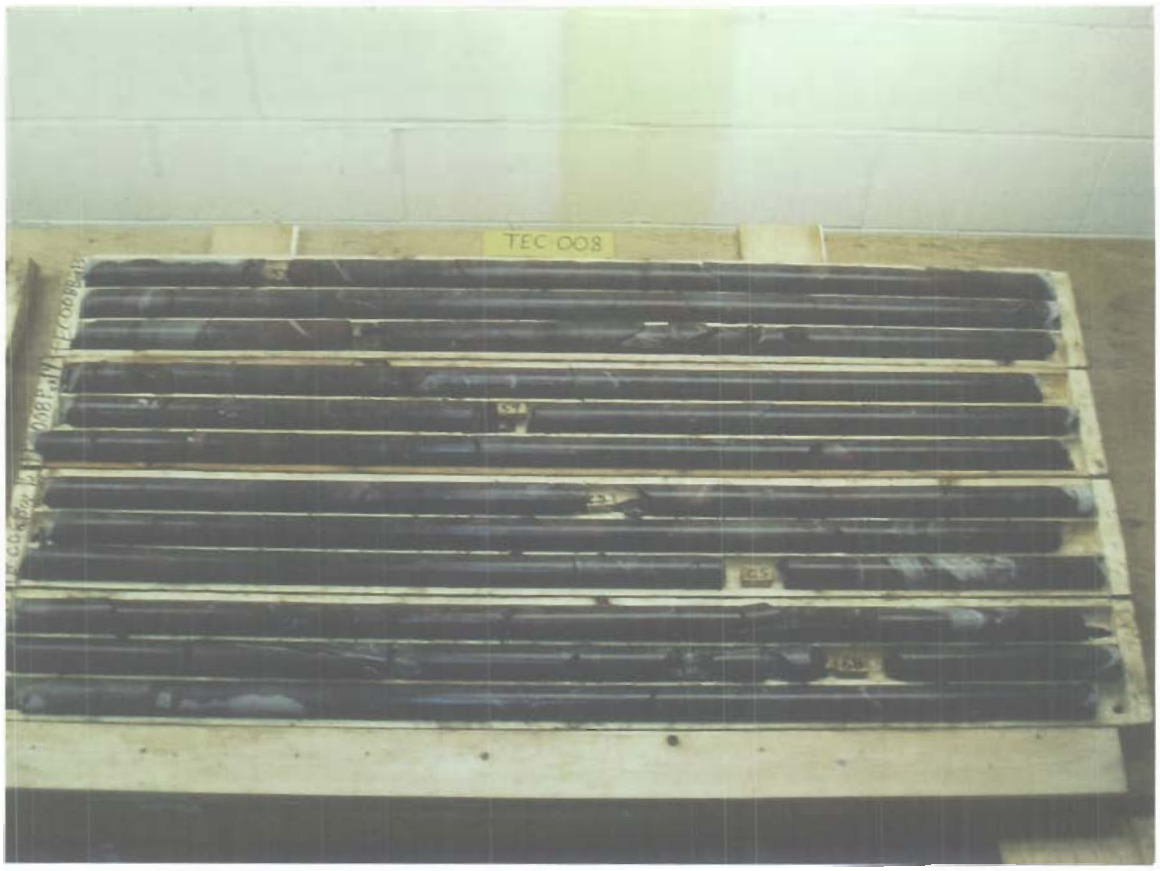
Hinterland Metals Inc.

From	To	NUMBER	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
21.00	22.00	34142	1.00	0.00			
22.00	23.00	34143	1.00	0.00			
23.00	24.00	34144	1.00	0.00			
31.35	32.00	34145	0.65				
42.50	43.50	34146	1.00	0.02	0.001		
43.50	44.50	34147	1.00	0.02	0.001		
47.00	47.60	34148	0.60	0.01	0.001		
47.60	47.90	34149	0.30	0.01			
64.50	65.08	34150	0.58	0.01	0.001	0.00	
65.08	65.35	34151	0.27	0.00			
65.35	66.00	34152	0.65	0.01	0.001		
82.00	83.00	34165	1.00	0.00			
83.00	84.00	34166	1.00	0.00			
91.50	92.50	34153	1.00	0.03	0.001		
92.50	93.50	34154	1.00	0.00			
93.50	94.50	34155	1.00	0.01	0.001		
94.50	95.50	34156	1.00	0.01	0.001		
99.00	100.00	34157	1.00	0.08	0.002	0.08	0.002
100.00	100.80	34158	0.80	0.00			
100.80	101.45	34159	0.65	0.01	0.001		
101.45	102.00	34160	0.55	0.03	0.001		

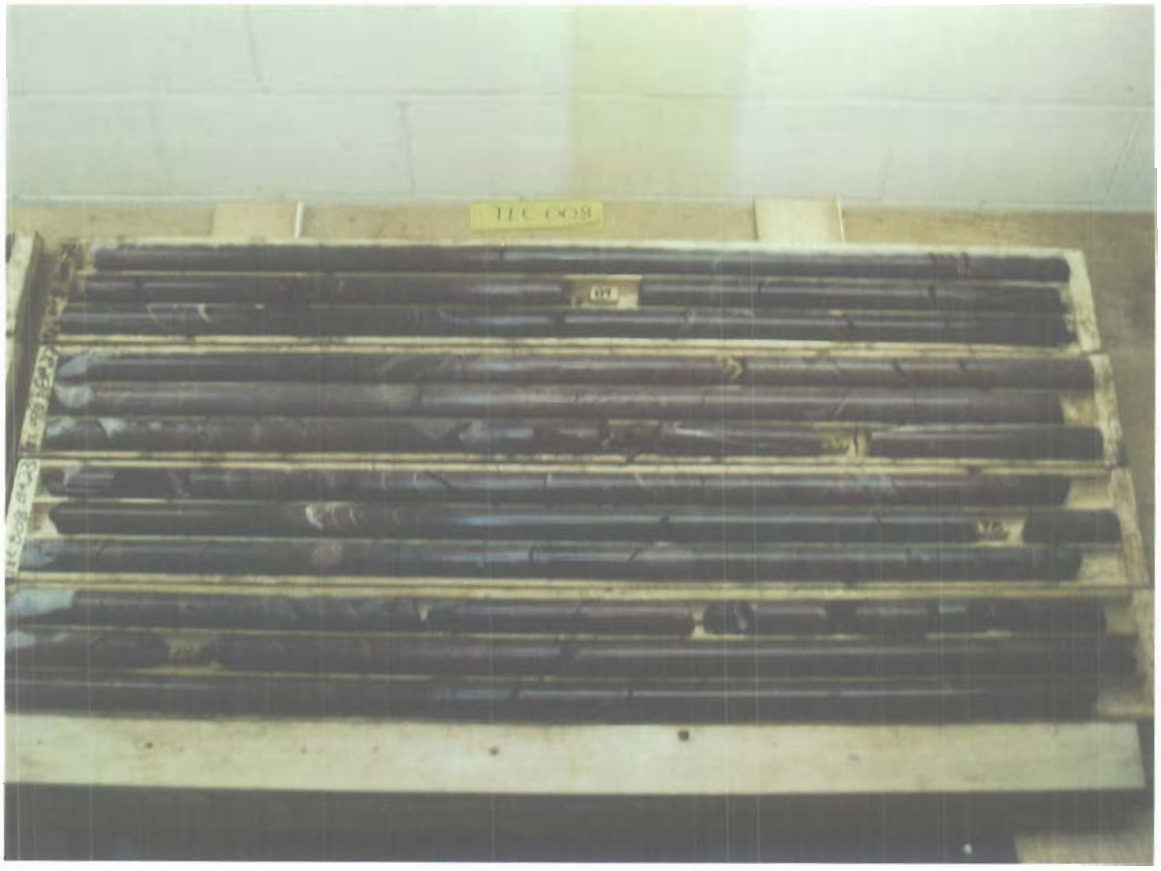

TEC-008


TEC-008


TEC-008


TEC 008


TEC-008


TEC-008


TEC-008

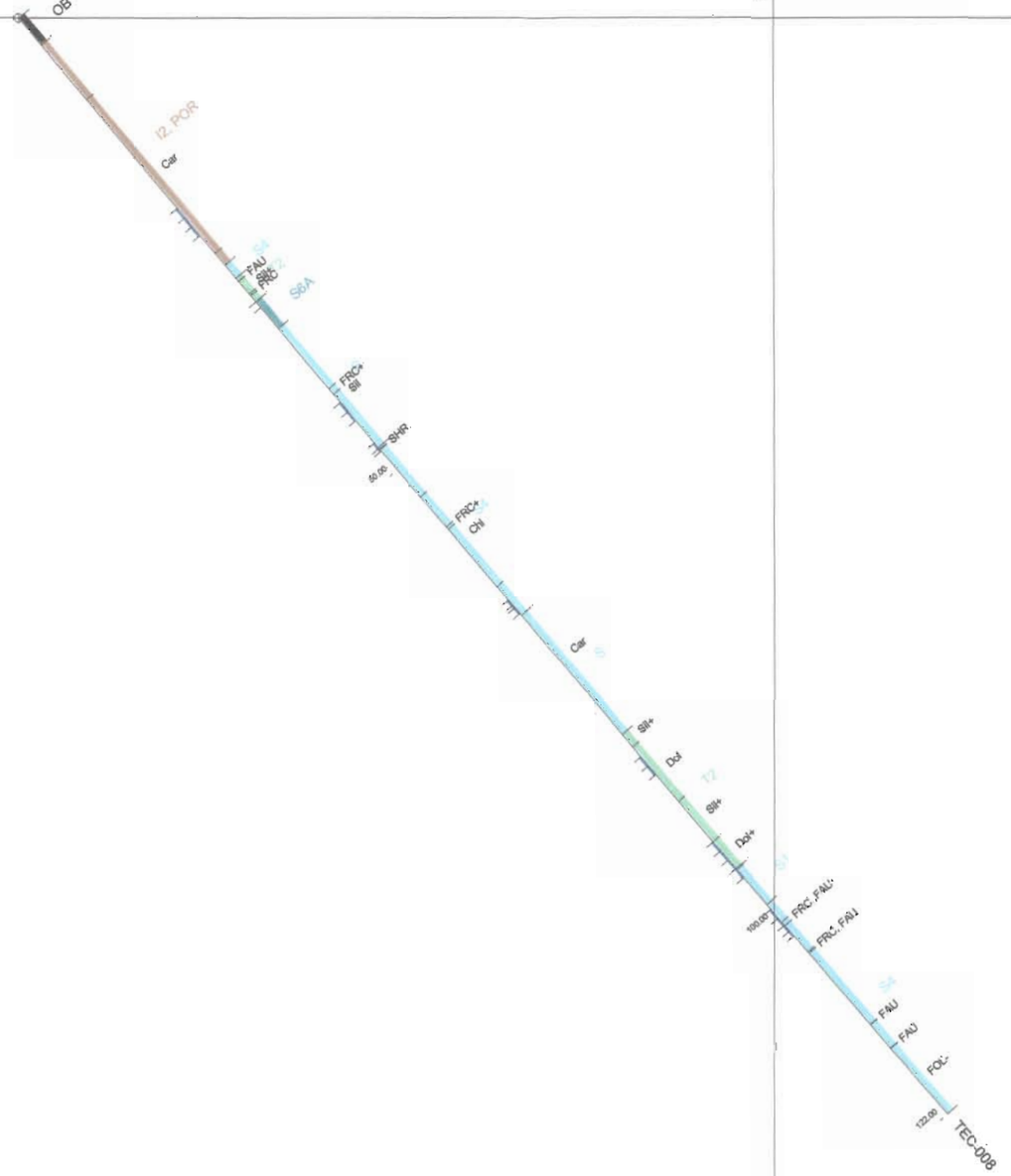

TEC-008

1600 N

10000 Elev.

1700 N

10000 Elev.



9900 Elev.

9900 Elev.

1600 N

1700 N

Geological Legend

I2	Intermediate intrusion
I2D	Syenite
I3	Mafic intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

Structural Legend

FAU	Fault
FOL	Foliated
FRC	Fracture
SHR	Sheared
-	Weak
	Medium
+	Strong

Alteration Legend

Car	Carbonatisation
Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1 : 500

-5 0 5 10 15 20 25

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Hinterland Metals Inc.

Teck Property

Section L 3000 E - Hole TEC-008

Scale = 1:500
Revision 0
Supervised by: Innovexplo Inc.
Date : May 2005

DRILL HOLE TEC-009

Hinterland Metals Inc.

DDH : TEC-009

Claims title :
Township :
Range :
Lot :

Section :
Level :
Work place : Chaput Hugues' core shack

Drilled by : Maurice Dubois & Richard Grenier (Forage Lafrenière)
Geologist : Julien Davy

From : 2005-03-23
Description date : 2005-03-23

To : 2005-03-23

Collar

Azimuth : 135.00°
Plunge : -50.00°
Length : 128.30m

UTM

Longitude (East)	563836.0
Latitude (North)	5330114.0
Elevation	0.0

Down hole survey

Type	Depth	Azimuth	Plunge
Flexit	10.00m	138.41°	-49.75°
Flexit	13.00m	135.59°	-49.63°
Flexit	16.00m	136.73°	-49.54°
Flexit	19.00m	136.61°	-49.60°
Flexit	22.00m	138.63°	-49.58°
Flexit	25.00m	130.17°	-49.05°
Flexit	28.00m	129.35°	-49.05°
Flexit	31.00m	138.71°	-49.60°
Flexit	34.00m	131.62°	-48.99°
Flexit	37.00m	139.46°	-49.44°
Flexit	40.00m	139.55°	-49.46°
Flexit	43.00m	132.73°	-48.86°
Flexit	46.00m	133.02°	-48.82°
Flexit	49.00m	137.74°	-48.70°
Flexit	52.00m	135.40°	-48.64°
Flexit	55.00m	133.18°	-48.57°
Flexit	58.00m	140.28°	-49.13°
Flexit	61.00m	137.53°	-48.99°
Flexit	64.00m	135.96°	-48.46°
Flexit	67.00m	141.31°	-48.85°
Flexit	70.00m	133.01°	-48.32°
Flexit	73.00m	140.90°	-48.36°
Flexit	76.00m	137.97°	-48.35°
Flexit	79.00m	137.74°	-47.73°

Type	Depth	Azimuth	Plunge
Flexit	82.00m	134.74°	-48.20°
Flexit	85.00m	142.55°	-47.90°
Flexit	88.00m	141.47°	-48.06°
Flexit	91.00m	143.86°	-47.98°
Flexit	94.00m	141.33°	-47.83°
Flexit	97.00m	140.88°	-46.53°
Flexit	100.00m	133.90°	-47.25°
Flexit	103.00m	149.02°	-52.72°
Flexit	106.00m	140.69°	-47.78°
Flexit	109.00m	142.19°	-47.74°
Flexit	112.00m	32.06°	-23.46°
Flexit	115.00m	134.57°	-46.83°
Flexit	118.00m	134.90°	-46.96°
Flexit	121.00m	137.87°	-47.01°
Flexit	124.00m	137.81°	-47.01°

Core size :
Comments :

Cemented : No

Storage : No

DESCRIPTION

0.00	3.00	OB	
3.00	70.15	S4	
	9.80	10.00	FRC+
	14.00	16.00	Dol; Ser
	14.00	14.50	FRC+
	14.80	15.20	VEI;;QzCb;;;Py0.5;
	15.20	15.60	FRC+
	28.30	28.50	FAU
	32.80	32.82	FAU; SHR
	40.35	41.36	V2D
	42.26	42.53	I2; POR
	42.47	42.80	VEI;;;;;Py01;
	43.40	43.45	I2
	45.23	45.85	I2
	47.06	48.66	I2D; APH
	54.90	56.00	Dol; Ser-
	55.43	55.53	VEI;80°;Qz;;;Py0.5;
	66.45	66.80	FAU
	66.50	67.00	Dol-; Ser-
	66.95	67.00	SHR
	69.00	71.80	Hem
	69.00	85.00	VEI;;Qz;;;Py01Hm(sp)01;
	70.00	121.00	Py01
70.15	128.30	T2; I2	
	71.80	82.44	Dol; Hem-
	72.00	121.00	FOL
	82.44	83.63	Dol+
	83.63	84.06	Dol+; Ser+
	84.06	84.55	Dol
	84.55	90.70	Dol-
	85.00	103.00	VEI;;QzCb;;;Py0.5;
	88.81	89.15	I2; POR
	90.70	94.00	Chl; Hem
	94.00	113.00	Chl
	113.00	114.00	Hem
	113.50	114.00	VEI;30°;QzCb;;;Py01Hm(sp)01;
	114.00	117.50	Chl
	117.50	118.60	Hem-
	118.60	128.30	Chl
	120.05	120.50	STW;5%;QzCb;T;;Py0.5;
	121.00	128.30	FOL; FRC-
	121.00	128.30	Py0.5

128.30 DDH end

Number of samples : 39

Total lenght sampled : 32.35

			DESCRIPTION	ASSAYS						
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
0.00	3.00	OB									
		Overburden									
		Overburden									
3.00	70.15	S4									
		Conglomerate									
		Typical conglomerate									
		- Several, meter wide of fine grained, sandy texture and more homogeneous sandstone									
		- Several Syenite intrusions									
		- Lower contact with tuff is strongly altered									
	9.80	10.00	FRC+								
			Fracturation (strong)								
			Fractured vuggy qz veins								
	14.00	16.00	Dol; Ser								
			Dolomite (medium); Sericitization								
			Pervasive dolomitization with sericitization (mm cristals disseminated)								
	14.00	14.50	FRC+	14.00	14.55	34161	0.55	0.01			
			Fracturation (strong)	14.55	15.05	34162	0.50	0.00			
			Fractured core								
	14.80	15.20	VEI;;QzCb;;;Py0.5;	15.05	15.50	34163	0.45	0.00			
			Vein Quartz Carbonate Pyrite0.5								
			Mm QZ-DOL veinlets with py in trace								
	15.20	15.60	FRC+	15.50	16.00	34164	0.50	0.03		0.02	
			Fracturation (strong)								
			Strongly fractured core								
	28.30	28.50	FAU								
			Fault30°								
			Fractured core with gauge								
	32.80	32.82	FAU; SHR								
			Fault; Sheared								
			Mm wide fault or shear field by qz dol vein								
			No mineralisation visible								
	40.35	41.36	V2D	41.00	41.46	34167	0.46	0.00			
			Trachyte	41.46	42.26	34168	0.80	0.02			
			Dark grey, fine grained to aphanitic matrix, with 25% of mm chloritized angular fragments (no structure, massive and aphanitic, devitrification?)								
			Trachite?								
	42.26	42.53	I2; POR	42.26	42.95	34169	0.69	0.02			
			Intermediate Intrusion; Porphyric								
			Sharp contacts at 50° to c.a.								
			- Brownish aphanitic matrix with 50% of creamy mm phenocrists (feldspar?)								
			- Trace of py disseminated								
	42.47	42.80	VEI;;;;;Py01;	42.95	43.31	34170	0.36	0.01			
			Vein Pyrite01	43.31	43.65	34171	0.34	0.00			
			Sub parallele to 50° to c.a. QZ chl veinin g system with 1% of PY associated								
	43.40	43.45	I2	45.00	45.75	34172	0.75	0.00			
			Intermediate Intrusion								
			Same intrusion but with 2% PY disseminated								
	45.23	45.85	I2	45.75	46.10	34173	0.35	0.03			

			DESCRIPTION	ASSAYS						
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
			Intermediate Intrusion Red-brown (moderate hematization associated), aphanitic and fragmental (mm and 5%) intrusion - Lower contact deformed with QZ chl veining at 20° to c.a. - Trace of specular hematite	47.00	48.00	34174	1.00	0.00			
	47.06	48.66	I2D; APH **Syenite; Aphanitic** Sevral intermediaire intrusions, generally aphanitic and homogeneous with mm angular fragments Syenite? Trace of PY disseminated - Weak foliation at 20° to c.a.	48.00	49.00	34175	1.00	0.00			
	54.90	56.00	Dol; Ser- **Dolomite (medium); Sericitization (weak)** Moderate dolomitization and weak sericitization (mm cristals) associated with QZ veining	54.90	55.90	34176	1.00	0.00			
	55.43	55.53	VEI;80°;Qz;;;Py0.5; **Vein 80° Quartz Pyrite0.5** cm wide QZ with very few PY disseminated	66.25	67.25	34177	1.00	0.02			
	66.45	66.80	FAU **Fault** Sub-parallele fault (competente) with mm wide QZ No mineralisation visible								
	66.50	67.00	Dol-; Ser- **Dolomite (weak); Sericitization (weak)** Weak dolomitization and sericitization								
	66.95	67.00	SHR **Sheared** Evidence of moderate shear by QZ-sericite veinlets at 90° to c.a.								
	69.00	71.80	Hem **Hematization** Moderate pervasive hematisation with 2% specular hematite veinlets								
	69.00	85.00	VEI;;Qz;;;Py01Hm(sp)01; **Vein Quartz Pyrite01 Specular hematite01** 2-5% QZ veining in all direction associated with alterations with tarce to 1% PY and specular hematite	69.50	70.50	34178	1.00	0.00			
	70.00	121.00	Py01 **Pyrite01%** 1% heterogeneously disseminated PY all over unit and seems associated (more concentrate, 1-2%) with late hematization								
70.15	128.30		T2; I2 **Intermediate tuff; Intermediate Intrusion** Fine grained, generally homogeneous, dark green (chloritized?) fragmental unit - 15%, all sized and angular fragments. Some have moderate altered halos (Wall rock fragments?) - Some dm wide segments completly aphanitic without fragments. No contact visible (same unit) - Lapillis tuff or intermediate intrusion?? Probably trachyte... - Very hard unit...	70.50 71.50	71.50 72.50	34179 34180	1.00 1.00	0.02 0.01		0.01	

		DESCRIPTION	ASSAYS						
			From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
71.80	82.44	Dol; Hem-								
		Dolomite (medium); Hematization (weak)								
		Moderate pervasive dolomitization with late QZ-hem alteration caracterized by white creamy with red QZ-Hem veinlets and veins in all direction								
		- PY and specular hematite disseminated and in veins								
72.00	121.00	FOL	72.50	73.50	34181	1.00	0.00			
		Foliated30°	73.50	74.50	34182	1.00	0.03			
		Moderate foliation generally homogeneous all over unit.	74.50	75.50	34183	1.00	0.00			
		- Looks like flow bending.... (all fragments are oriented in same direction)	75.50	76.50	34184	1.00	0.00			
			76.50	77.50	34185	1.00	0.00			
			77.50	78.50	34186	1.00	0.00			
			78.50	79.50	34187	1.00	0.00		0.00	
			79.50	80.50	34188	1.00	0.00			
			80.50	81.50	34189	1.00	0.00			
			81.50	82.50	34190	1.00	0.01			
82.44	83.63	Dol+	82.50	83.20	34191	0.70	0.01			
		Dolomite (strong)	83.20	83.63	34192	0.43	0.00			
		Strong pervasive dolomitization								
83.63	84.06	Dol+; Ser+	83.63	84.60	34193	0.97	0.00			
		Dolomite (strong); Sericitization (strong)								
		Yellowish core								
		Strong pervasive DOL and SER								
84.06	84.55	Dol								
		Dolomite (medium)								
		Medium pervasive dolomitization deacressing rapidly downhole								
84.55	90.70	Dol-	84.60	85.50	34194	0.90	0.00			
		Dolomite (weak)								
		Weak to moderate pervasive dolomitization								
85.00	103.00	VEI;;QzCb;;;Py0.5;								
		Vein Quartz Carbonate Pyrite0.5								
		Heterogeneous QZ-CB veinlets inh all directions with sometimes trace of PY disseminated								
		- Some veinlets are redish (hematization associated)								
88.81	89.15	I2; POR								
		Intermediate Intrusion; Porphyric								
		Brownish-pink porphyric intrusion with waiving contacts								
		no mineralisation visible								
90.70	94.00	Chl; Hem	92.00	93.00	34195	1.00	0.00			
		Chloritization; Hematization								
		Weak to moderate pervasive chloritization with a weak hematization overprinting (redish color)								
94.00	113.00	Chl	101.00	102.00	34196	1.00	0.00			
		Chloritization	102.00	103.00	34197	1.00	0.01			
		Weak to moderate pervasive chloritization								
113.00	114.00	Hem	113.00	114.00	34198	1.00	0.01			
		Hematization								
		Pervasive hematization (red color) associated with QZ-CB veinlets								
		- 1-2% fine grained Py disseminated and associated with hematization								

		DESCRIPTION	ASSAYS						
			From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
113.50	114.00	VEI;30°;QzCb;;;Py01Hm(sp)01; **Vein 30° Quartz Carbonate Pyrite01 Specular hematite01** 2-3% of QZ-CB tension veinlets in several direction but with a prefered orientation of 30 to c.a.								
114.00	117.50	Chl **Chloritization** Weak to moderate pervasive chloritization	114.00	115.00	34199	1.00	0.02			
117.50	118.60	Hem- **Hematization (weak)** Same pervasive weak hematization - 1-2% fine grained Py disseminated and associated with hematization	117.60	118.60	34200	1.00	0.01		0.01	
118.60	128.30	Chl **Chloritization** Weak to moderate pervasive chloritization								
120.05	120.50	STW;5%;QzCb;T;;Py0.5; **Stockwerk 5% Quartz Carbonate Tension Pyrite0.5** Stocwerk like veining system (mm veinlets) with weak hematization associated and with trace of PY in veinlets	120.05	120.65	34201	0.60	0.01			
121.00	128.30	FOL; FRC- **Foliated30°; Fracturation (weak)30°** Same moderate foliation generally homogeneous all over unit. - Looks like flow bending.... (all fragments are oriented in same direction) - Weak fracturation ("bloceux" as the drillers says). Drilling down dip								
121.00	128.30	Py0.5 **Pyrite0.5%** Trace of PY disseminated								

128.30 DDH end
Number of samples : 39
Total lenght sampled : 32.35

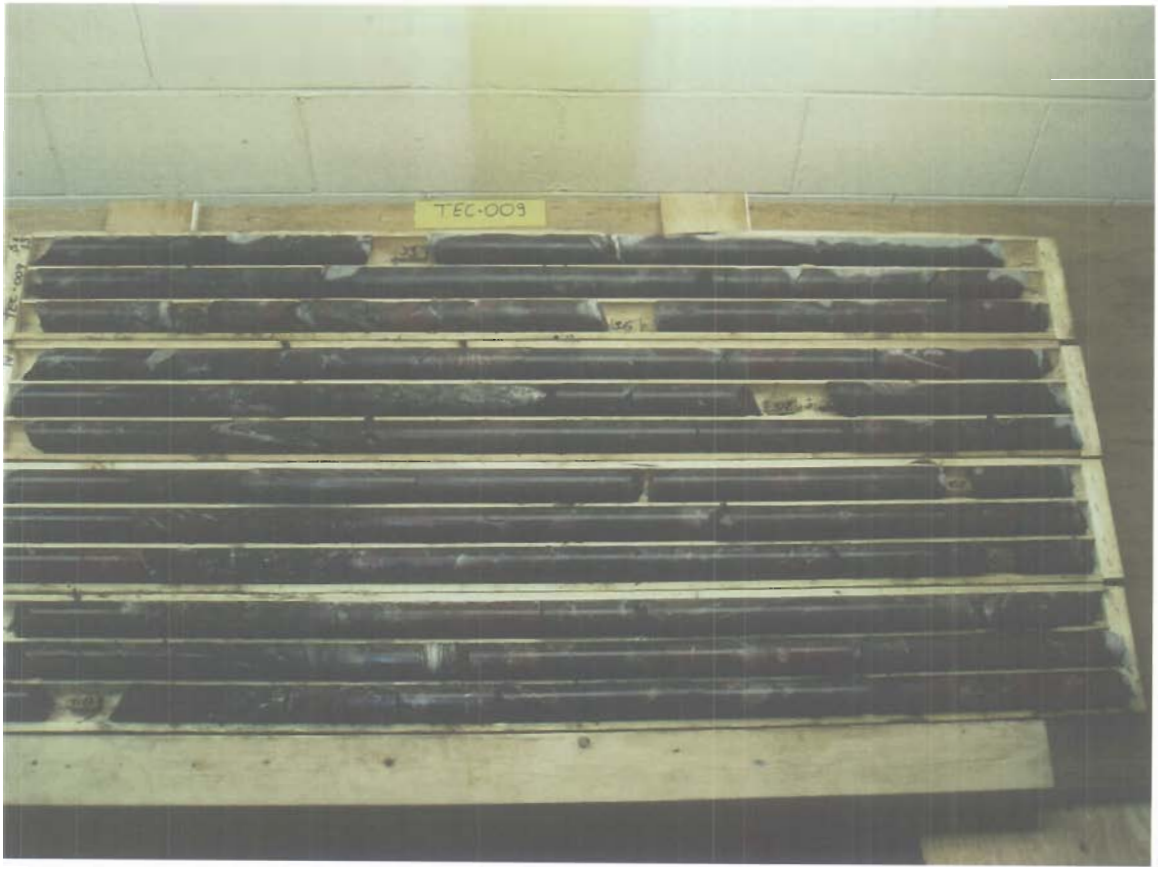
Hinterland Metals Inc.

From	To	NUMBER	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
14.00	14.55	34161	0.55	0.01			
14.55	15.05	34162	0.50	0.00			
15.05	15.50	34163	0.45	0.00			
15.50	16.00	34164	0.50	0.03		0.02	
41.00	41.46	34167	0.46	0.00			
41.46	42.26	34168	0.80	0.02			
42.26	42.95	34169	0.69	0.02			
42.95	43.31	34170	0.36	0.01			
43.31	43.65	34171	0.34	0.00			
45.00	45.75	34172	0.75	0.00			
45.75	46.10	34173	0.35	0.03			
47.00	48.00	34174	1.00	0.00			
48.00	49.00	34175	1.00	0.00			
54.90	55.90	34176	1.00	0.00			
66.25	67.25	34177	1.00	0.02			
69.50	70.50	34178	1.00	0.00			
70.50	71.50	34179	1.00	0.02		0.01	
71.50	72.50	34180	1.00	0.01			
72.50	73.50	34181	1.00	0.00			
73.50	74.50	34182	1.00	0.03			
74.50	75.50	34183	1.00	0.00			
75.50	76.50	34184	1.00	0.00			
76.50	77.50	34185	1.00	0.00			
77.50	78.50	34186	1.00	0.00			
78.50	79.50	34187	1.00	0.00		0.00	
79.50	80.50	34188	1.00	0.00			
80.50	81.50	34189	1.00	0.00			
81.50	82.50	34190	1.00	0.01			
82.50	83.20	34191	0.70	0.01			
83.20	83.63	34192	0.43	0.00			
83.63	84.60	34193	0.97	0.00			
84.60	85.50	34194	0.90	0.00			
92.00	93.00	34195	1.00	0.00			
101.00	102.00	34196	1.00	0.00			
102.00	103.00	34197	1.00	0.01			
113.00	114.00	34198	1.00	0.01			
114.00	115.00	34199	1.00	0.02			
117.60	118.60	34200	1.00	0.01		0.01	
120.05	120.65	34201	0.60	0.01			


TEC-009


TEC-009


TEC-009


TEC-009


TEC-009


TEC-009


TEC-009


TEC-009

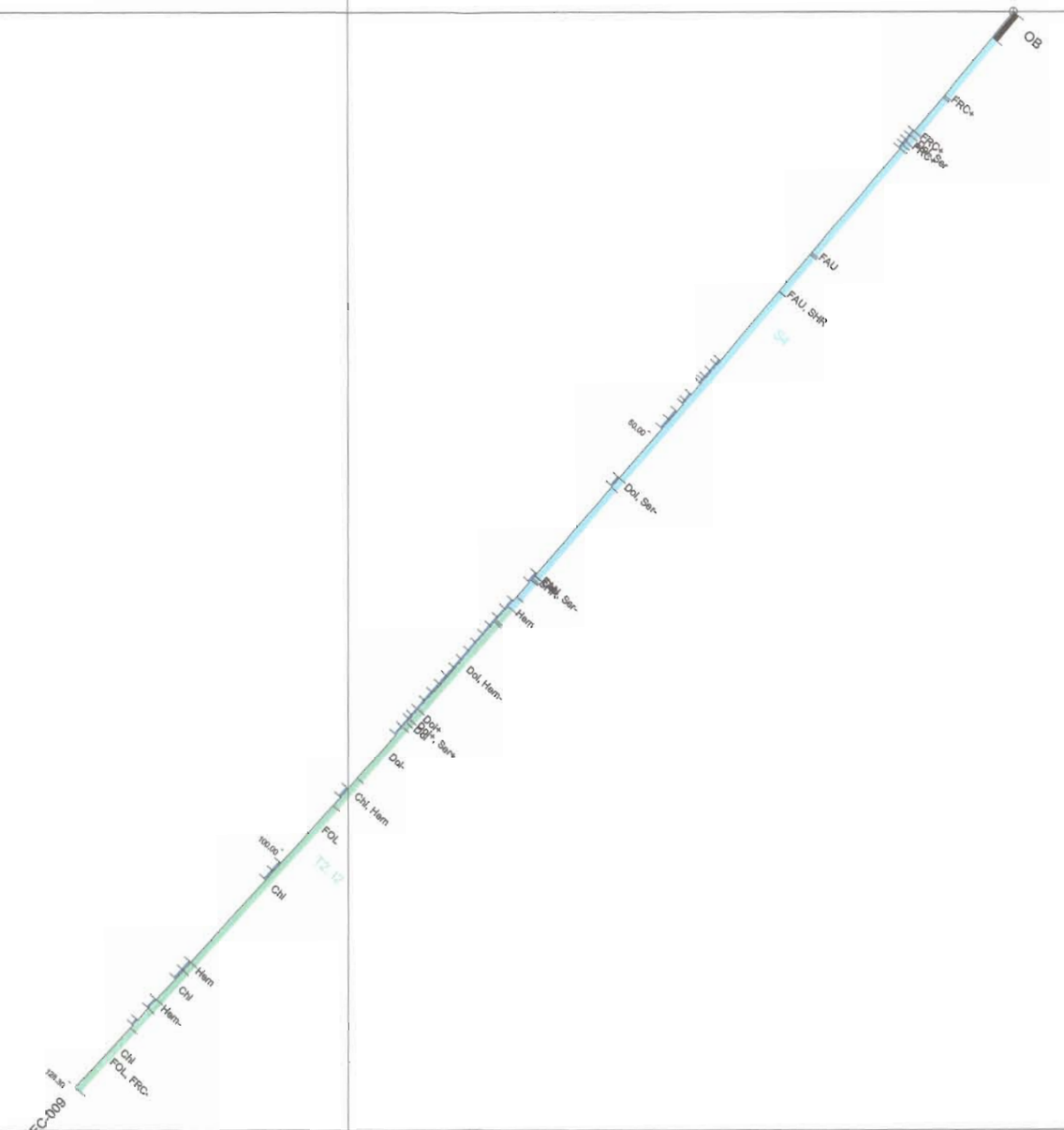

TEC-009
END OF HOLE

1700 N

1800 N

10000 Elev.

10000 Elev.



9900 Elev.

9900 Elev.

1700 N

Geological Legend

I2	Intermediate intrusion
I2D	Syenite
I3	Mafic intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

Structural Legend

FAU	Fault
FOL	Foliated
FRC	Fracture
SHR	Sheared
-	Weak
	Medium
+	Strong

Alteration Legend

Car	Carbonatisation
Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1 : 500

-5 0 5 10 15 20 25

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Hinterland Metals Inc.

Teck Property

Section L 3100 E - Hole TEC-009

Scale = 1:500
Revision 0
Supervised by: Innovexplo Inc.
Date : May 2005

2.30324

2.30324

DRILL HOLE TEC-010

Hinterland Metals Inc.

DDH : TEC-010

Claims title : L6784
Township :
Range :
Lot :

Section : L2100E
Level : 1740N
Work place : Chaput Hugues' core shack

Drilled by : Maurice Dubois & Richard Grenier (Forage Lafrenière)
Geologist : Julien Davy

From : 2005-03-30
Description date : 2005-03-31

To : 2005-03-31

Collar

Azimuth : 315.00°
Plunge : -55.00°
Length : 125.00m

UTM

Longitude (East)	563112.0
Latitude (North)	5329447.0
Elevation	0.0

Down hole survey

Type	Depth	Azimuth	Plunge
Flexit	10.00m	317.24°	-53.95°
Flexit	13.00m	318.77°	-53.57°
Flexit	16.00m	316.72°	-53.61°
Flexit	19.00m	319.08°	-54.00°
Flexit	22.00m	321.27°	-53.51°
Flexit	25.00m	315.25°	-54.04°
Flexit	28.00m	322.52°	-53.47°
Flexit	31.00m	318.65°	-53.52°
Flexit	34.00m	313.92°	-53.86°
Flexit	37.00m	307.33°	-54.06°
Flexit	40.00m	318.19°	-53.54°
Flexit	43.00m	321.05°	-53.76°
Flexit	46.00m	319.62°	-53.81°
Flexit	49.00m	324.05°	-53.58°
Flexit	52.00m	316.38°	-53.96°
Flexit	55.00m	320.97°	-53.59°
Flexit	58.00m	317.90°	-53.76°
Flexit	61.00m	314.97°	-53.87°
Flexit	64.00m	322.47°	-53.76°
Flexit	67.00m	317.44°	-53.92°
Flexit	70.00m	316.41°	-53.85°
Flexit	73.00m	320.51°	-53.65°
Flexit	76.00m	320.66°	-53.43°
Flexit	79.00m	321.35°	-53.53°

Type	Depth	Azimuth	Plunge
Flexit	82.00m	318.60°	-53.53°
Flexit	85.00m	319.12°	-53.97°
Flexit	88.00m	318.51°	-53.90°
Flexit	91.00m	319.39°	-53.94°
Flexit	94.00m	320.34°	-53.85°
Flexit	97.00m	319.30°	-53.70°
Flexit	100.00m	320.04°	-53.85°
Flexit	103.00m	324.05°	-53.27°
Flexit	106.00m	323.70°	-53.29°
Flexit	109.00m	324.13°	-53.26°
Flexit	112.00m	325.55°	-53.28°
Flexit	115.00m	320.45°	-53.57°
Flexit	118.00m	319.65°	-53.81°
Flexit	121.00m	320.06°	-53.77°

Core size :
Comments :

Cemented : No

Storage : No

DESCRIPTION

0.00	4.50	OB	
4.50	6.51	S1	
	4.50	7.38	Dol
	6.20	7.38	VEI;;Qz;;30°;Py0.5;
6.51	86.15	S4	
	12.20	12.53	VEI;15°;Qz;;;;
	14.72	15.00	I2; POR
	17.00	17.31	I3; APH
	18.97	19.13	I2; POR
	19.53	19.57	VEI;;Qb;;;;
	21.90	21.92	VEI;30°;Qz;;;;
	29.81	29.86	VEI;30°;Qz;;;;
	39.71	41.00	I3; APH
	42.37	42.59	I3; APH
	42.72	42.92	T2; V2D50
	44.82	44.93	I3; APH
	45.54	45.59	SHR-
	48.20	48.22	SHR-
	54.02	54.27	I3; APH
	56.00	59.46	T2
	56.65	58.00	VEI;15°;Qz;;;Py0.5;
	64.90	65.00	FAU; FRC+
	79.10	79.30	VEI;;Qz;;;Py0.5;
	86.00	86.15	S4
86.15	92.00	S; T2; BED	
	89.00	91.50	Ser
	89.00	91.00	FRC
92.00	125.00	T2	

125.00 DDH end

Number of samples : 42

Total lenght sampled : 37.14

Hinterland Metals Inc.

DESCRIPTION				ASSAYS						
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
0.00	4.50	OB									
		Overburden									
		Caising in place									
4.50	6.51	S1									
		Sandstone									
		Pale pink (mixte of dolomitization and hematization...), homogeneous and sandy texture progressivly changing to conglomerate downhole									
		- Probably sandstone									
		- 1% of fine PY disseminated									
	4.50	7.38	Dol	4.50	5.50	34202	1.00	0.05			
			Dolomite (medium)	5.50	6.50	34203	1.00	0.01			
			Moderate to strong pervasive dolomitization with moderate hematization overprinting (pale pink color)								
			- 1-2% Py associated with alteration								
	6.20	7.38	VEI;;Qz;;30°;Py0.5;	6.50	7.50	34204	1.00	0.29		0.29	
			Vein Quartz 30° Pyrite0.								
			<1% mm qz veining generally at 30° to c.a.								
6.51	86.15	S4									
		Conglomerate									
		Tipical Cherty conglomerate									
		- Some cm to dm wide intrusions									
		- Some clasts have > 2% cubic Py (sedimentary Py?)									
	12.20	12.53	VEI;15°;Qz;;;;	13.90	14.23	34206	0.33	0.11		0.12	
			Vein 15° Quartz	14.70	15.13	34205	0.43	0.22			
			Some Qz veining								
	14.72	15.00	I2; POR								
			Intermediate Intrusion; Porphyric								
			Typical light brown porphyric intrusion with sharp contacts at 30° to c.a.								
			- < 1% Py disseminated								
	17.00	17.31	I3; APH								
			Mafic intrusion; Aphanitic								
			Dark brown, aphanitic matrix with 2% of mm angular fragments								
			- Mafic intrusion?								
			- with sharp contacts at 30° to c.a.								
	18.97	19.13	I2; POR								
			Intermediate Intrusion; Porphyric								
			same typical light brown porphyric intrusion with sharp contacts at 30° to c.a.								
			- 1% Py disseminated								
	19.53	19.57	VEI;;Qb;;;;								
			Vein Quartz bleu								
			Qz veining								
	21.90	21.92	VEI;30°;Qz;;;;	29.65	30.00	34207	0.35	0.00			
			Vein 30° Quartz								
			Qz veining								
	29.81	29.86	VEI;30°;Qz;;;;								
			Vein 30° Quartz								
			Qz veining with weak shear (?)								
	39.71	41.00	I3; APH	39.75	40.50	34208	0.75	0.00			

Hinterland Metals Inc.

		DESCRIPTION	ASSAYS						
			From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
		Mafic intrusion40°; Aphanitic Same dark brown , aphanitic matrix with 2% of mm angular fragments - Mafic intrusion? - <1% mm Qz veining generally at 35° to c.a. - 1% fine Py disseminated	40.50	41.25	34209	0.75	0.00			
42.37	42.59	I3; APH **Mafic intrusion; Aphanitic** Same dark brown, aphanitic matrix with 2% of mm angular fragments - Mafic intrusion?								
42.72	42.92	T2; V2D50 **Intermediate tuff50°; Trachyte50°** Dark grey with 50% mm fragments all oriented at 50° to c.a. (lapillis?) and an aphanitic matrix								
44.82	44.93	I3; APH **Mafic intrusion; Aphanitic** Same dark brown, aphanitic matrix with 2% of mm angular fragments - Mafic intrusion?	45.40	46.00	34210	0.60	0.00			
45.54	45.59	SHR- **Sheared (Weak)60°** Qz veining filled but with mm chlorite layers all strecht allong margins (weak shear?)	48.00	48.33	34211	0.33	0.00			
48.20	48.22	SHR- **Sheared (Weak)65°** Qz veining filled but with both wall rock are not continuous (same unit): displacement Weak shear?								
54.02	54.27	I3; APH **Mafic intrusion; Aphanitic** Same dark brown, aphanitic matrix with 2% of mm angular fragments - Mafic intrusion?								
56.00	59.46	T2 **Intermediate tuff** Dark brown, aphanitic matrix with 10% of angular and foliatied fragments (lapillis?) and homogeneous unit Probably lapillis tuff	56.50	57.40	34212	0.90	0.00			
56.65	58.00	VEI;15°;Qz;;;Py0.5; **Vein 15° Quartz Pyrite0.5** Several cm wide, sub-parallele to c.a., creamy white qz-cb veins with trace of cubic Py	57.40	58.40	34213	1.00	0.00			
64.90	65.00	FAU; FRC+ **Fault; Fracturation (strong)** Strongly fractured core, grinded	79.00	79.50	34214	0.50	0.03			
79.10	79.30	VEI;;Qz;;;Py0.5; **Vein Quartz Pyrite0.5** Same creamy white qz vein with chlorite and trace of PY								
86.00	86.15	S4 **Conglomerate** Same conglomerate but weakly hematized and mixte with qz veining (20%) No mineralization visible	86.00	86.20	34215	0.20	0.01			
86.15	92.00	S; T2; BED								

Hinterland Metals Inc.

			DESCRIPTION	ASSAYS						
				From	To	Nmb	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
			Sedimentary rock; Intermediate tuff; Bedded								
			Very fine grained, bedded at 40° to c.a. with some mm layers of coarser grained (siltstones or sandstones ?)								
			Brownish grey to lite green color (sericitization?)								
			Sediments or ash tuff???								
	89.00	91.50	Ser								
			Sericitization								
			Weak to strong pervasive sericitization								
			Trace of disseminated Py associated								
	89.00	91.00	FRC	89.00	90.00	34216	1.00	0.00			
			Fractured	90.00	91.00	34217	1.00	0.00			
			Moderate fracturation of core								
92.00	125.00	T2		94.00	95.00	34218	1.00	0.01			
			Intermediate tuff	95.00	96.00	34219	1.00	0.01			
			Homogeneous, grey unit with up to 30% all sized angular fragments (lapillis ?)	96.00	97.00	34220	1.00	0.00			
			- 5% of mm Qz-Cb veinlets in all directions	97.00	98.00	34221	1.00	0.00			
			- Hard unit (silicified)	98.00	99.00	34222	1.00	0.00			
			- up to 3-4% of very fine disseminated Py all over unit	99.00	100.00	34223	1.00	0.00			
				100.00	101.00	34224	1.00	0.01			
				101.00	102.00	34225	1.00	0.01			
				102.00	103.00	34251	1.00	0.00			
				103.00	104.00	34252	1.00	0.00			
				104.00	105.00	34253	1.00	0.00			
				105.00	106.00	34254	1.00	0.01			
				106.00	107.00	34255	1.00	0.02		0.03	
				107.00	108.00	34256	1.00	0.00			
				108.00	109.00	34257	1.00	0.01			
				109.00	110.00	34258	1.00	0.00			
				110.00	111.00	34259	1.00	0.00			
				111.00	112.00	34260	1.00	0.01			
				112.00	113.00	34261	1.00	0.00			
				113.00	114.00	34226	1.00	0.01		0.01	
				114.00	115.00	34227	1.00	0.00			
				115.00	116.00	34228	1.00	0.00			
				116.00	117.00	34229	1.00	0.00			
				117.00	118.00	34230	1.00	0.00			
				121.00	122.00	34231	1.00	0.00			
				122.00	123.00	34232	1.00	0.00			
125.00	**DDH end**										
	Number of samples : 42										
	Total lenght sampled : 37.14										

Hinterland Metals Inc.

From	To	NUMBER	LENGTH	Au_g/t	Au_oz/t	Au_Check_g/t	Au_Check_oz/t
4.50	5.50	34202	1.00	0.05			
5.50	6.50	34203	1.00	0.01			
6.50	7.50	34204	1.00	0.29		0.29	
13.90	14.23	34206	0.33	0.11		0.12	
14.70	15.13	34205	0.43	0.22			
29.65	30.00	34207	0.35	0.00			
39.75	40.50	34208	0.75	0.00			
40.50	41.25	34209	0.75	0.00			
45.40	46.00	34210	0.60	0.00			
48.00	48.33	34211	0.33	0.00			
56.50	57.40	34212	0.90	0.00			
57.40	58.40	34213	1.00	0.00			
79.00	79.50	34214	0.50	0.03			
86.00	86.20	34215	0.20	0.01			
89.00	90.00	34216	1.00	0.00			
90.00	91.00	34217	1.00	0.00			
94.00	95.00	34218	1.00	0.01			
95.00	96.00	34219	1.00	0.01			
96.00	97.00	34220	1.00	0.00			
97.00	98.00	34221	1.00	0.00			
98.00	99.00	34222	1.00	0.00			
99.00	100.00	34223	1.00	0.00			
100.00	101.00	34224	1.00	0.01			
101.00	102.00	34225	1.00	0.01			
102.00	103.00	34251	1.00	0.00			
103.00	104.00	34252	1.00	0.00			
104.00	105.00	34253	1.00	0.00			
105.00	106.00	34254	1.00	0.01			
106.00	107.00	34255	1.00	0.02		0.03	
107.00	108.00	34256	1.00	0.00			
108.00	109.00	34257	1.00	0.01			
109.00	110.00	34258	1.00	0.00			
110.00	111.00	34259	1.00	0.00			
111.00	112.00	34260	1.00	0.01			
112.00	113.00	34261	1.00	0.00			
113.00	114.00	34226	1.00	0.01		0.01	
114.00	115.00	34227	1.00	0.00			
115.00	116.00	34228	1.00	0.00			
116.00	117.00	34229	1.00	0.00			
117.00	118.00	34230	1.00	0.00			
121.00	122.00	34231	1.00	0.00			
122.00	123.00	34232	1.00	0.00			

1700 N

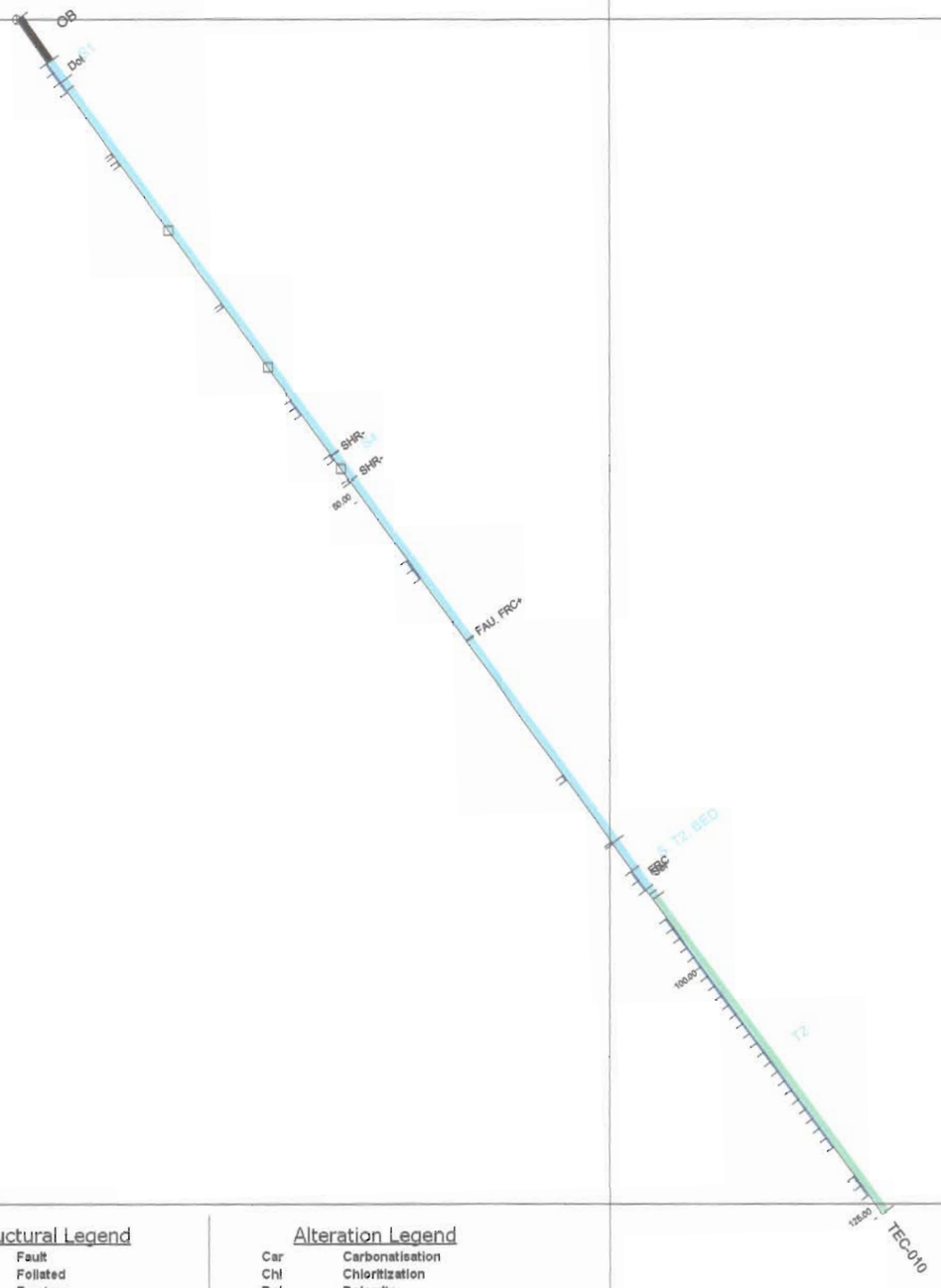
1800 N

10000 Elev.

10000 Elev.

9900 Elev.

9900 Elev.



Geological Legend

I2	Intermediate intrusion
I2D	Syenite
I3	Mafic intrusion
I3B	Diabase
OB	Overburden
S	Sedimentary rock
S1	Sandstone
S4	Conglomerate
S6A	Siltstone
T1c	Felsic tuff (ash)
T1X	Felsic tuff (cristals)
T2	Intermediate tuff

Structural Legend

FAU	Fault
FOL	Foliated
FRC	Fracture
SHR	Sheared
-	Weak
	Medium
+	Strong

Alteration Legend

Car	Carbonatisation
Chl	Chloritization
Dol	Dolomite
Hem	Hematization
Oxy	Oxydation
Ser	Sericitization
Sil	Sericitization
-	Weak
	Medium
+	Strong

1 : 500

-5 0 5 10 15 20 25

Tech2Mine
Services Techniques Informatiques
Gemcom - Surpac - Autocad
MapInfo - ArcView - Corel .....
560-B 3e ave. Val-d'Or
Québec, Canada. J9P 1B4
Tel : 819-874-0782
Fax : 819-825-8930
www.tech2mine.com

Hinterland Metals Inc.

Teck Property

Section L 2100 E - Hole TEC-010

Scale = 1:500

Revision 0

Supervised by: Innovexplo Inc.

Date : May 2005

INDUCED POLARIZATION SURVEY

executed on the

TECK PROJECT – SW GRID

2.30324

Teck and Grenfell Twps
Northeastern Ontario
(NTS 32 D/04)

on behalf of
HINTERLAND METALS INC.

March 2005

RECEIVED
JUN 28 2005
GEOSCIENCE ASSESSMENT OFFICE

Pierre Boileau, Eng. Geophysicist 1725 Duchesne Val-d'Or Qc J9P 2T1
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SUMMARY

In December 2004 and January 2005, an Induced Polarization and Resistivity survey was conducted by Rémy Bélanger Enr. of Rouyn-Noranda, Quebec, at the request of Hinterland Metals, on the Teck Project located in Teck and Grenfell townships, Northeastern Ontario. In total, 36.925 line-km of dipole-dipole array Phase IP survey coverage was completed during this period.

Several weak to moderate anomalous responses forming 18 distinct anomalous zones were delineated by the survey inside a rather highly resistive (sub-outcropping) ground. Four zones (3, 6, 10, 12) present interesting responses, with no direct magnetic association, which could possibly be caused by disseminated to semi-massive mineralization.

Recommendations for further work consist of detail geological mapping followed by drilling to test all zones of interest.

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LIST OF MAPS (in pocket)

1.1SW	Airborne Magnetic survey – Total field	1: 5 000
1.2SW	Airborne Magnetic survey – Gradient	1: 5 000
4.1SW	Resistivity contours (Filter)	1: 5 000
4.2SW	Phase contours (N=1)	1: 5 000
5.0SW	Property base map	1 : 5 000

PSEUDO-SECTIONS (in Appendix)

L –1000E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1100E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1200E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1300E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1400E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1500E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1600E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1700E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1800E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1900E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2000E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500

TABLE OF CONTENTS

L –2100E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2200E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2300E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2400E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2500E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2600E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2700E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2800E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2900E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3000E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3100E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3200E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3300E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3400E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3500E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3600E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3700E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3800E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3900E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –4000E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –4100E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –4200E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –4300E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500

1. INTRODUCTION

This report presents the results of an induced polarization and resistivity survey executed in December 20004 and January 2005 by Rémy Bélanger Enr. of Rouyn-Noranda, Quebec, for **Hinterland Metals Inc.** on the SW Grid of the Teck Project, located in Teck and Grenfell Twps, Northeastern Ontario.

The survey was carried out in the search of disseminated to semi-massive sulphide-rich zones as favourable hosts for precious metals.

2. PROPERTY, LOCATION AND ACCESS

The property is located about 9 km W.SW of the town of Kirkland Lake and about 80 km west of Rouyn-Noranda (Québec), in Teck and Grenfell Townships, Northeastern Ontario (NTS 32 D/04, figure 1).

Access to the property is easy from Kirkland Lake to the W.SW via provincial road 66 for about 8 km, and then along secondary roads and trails.

The property consists of a block of claims owned by Hinterland Metals and registered with the Ministry of Northern Development and Mines of Ontario. The claims covered by the present survey are shown on figure 2 and on the survey maps.

3. WORK DONE

From December 14, 2004 to January 28, 2005, an induced polarization and resistivity survey was carried out by Rémy Bélanger Enr. of Rouyn-Noranda, Quebec, for Hinterland Metals Inc., on the SW grid of the Teck project, Northeastern Ontario.

In total, 36.925 line-km of dipole-dipole Phase IP survey were executed on the property during this period.

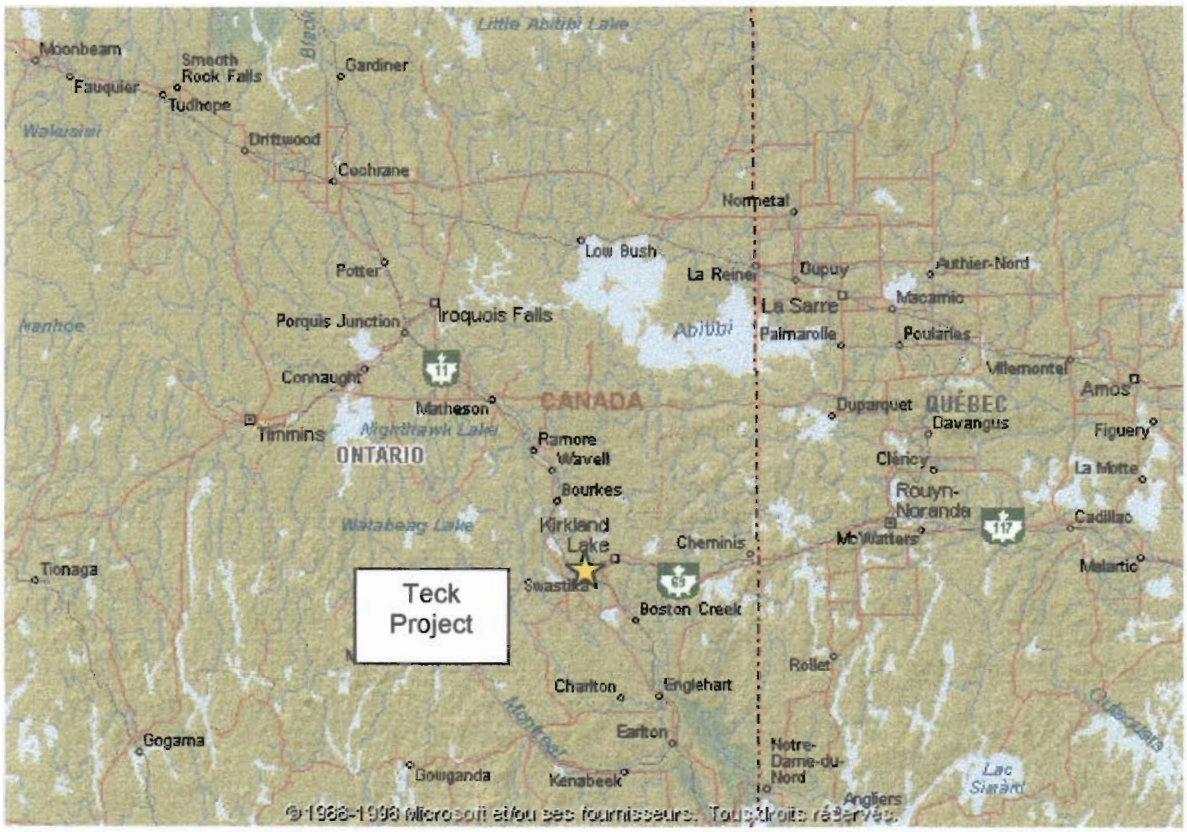


Figure 1 : General location

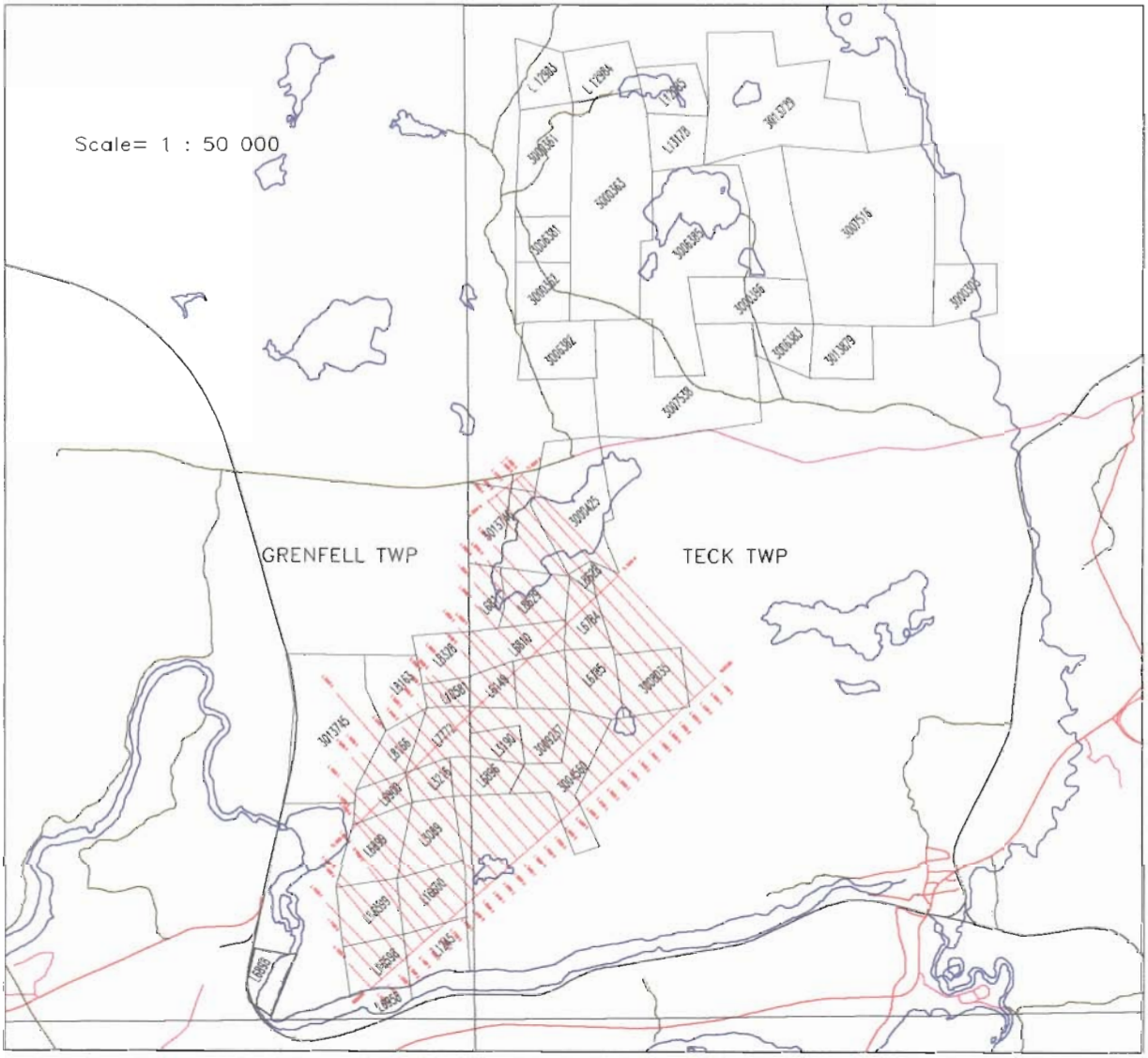


Figure 2 : Index of claims and survey location

4. TECHNICAL SPECIFICATIONS OF THE SURVEY

The survey was executed on an NW-SE oriented grid of lines cut prior to the survey. The lines, cut at a 100 m interval, were chained and marked every 25 m. Their deviations were controlled by means of tie-lines and their position verified with a GPS (UTM – NAD 83 – Zone 17)

The Induced Polarization and Resistivity survey was carried out with a V5 Phase receiver and with an IPT-1 transmitter (2 kW) both manufactured by Phoenix Geophysics. The V-5 receiver measures, at a frequency of 1.0 Hz, the phase-shift (IP effect, in milliRadians) between the transmitted current in the ground and the received voltage.

A dipole-dipole array was used with a voltage measuring dipole of 25 m and a separation factor n = 1 to 6 between the current dipole and the voltage dipole. The primary Voltage (Vp) and the Phase values were measured with a precision of 0.01 mV and of 0.01 mRadians, respectively.

5. RESULTS AND INTERPRETATION

Airborne Magnetic Survey

In order to present a magnetic image of the rock formations of the property and help interpreting the recent induced polarization and resistivity survey, total field and vertical gradient magnetic maps were produced. The data shown on maps 1.1SW and 1.2SW originates from a public high-resolution airborne survey flown for the government of Ontario (Kirkland Lake – Larder Lake Area – data set 1053 B). The data was windowed and re-gridded to cover the area of interest. The interpreted IP anomalous zones are also shown on both maps.

In general, the magnetic relief of the studied area could be divided into two main magnetic domains. The first one which occupies the SE half of the survey is characterised by a strong magnetic relief constituted, on the total field map, by a least two principal zones of magnetic high showing a NE-SW general trend. The vertical gradient, however, reveals the presence of several long and narrow zones (< 100 m) of magnetic high which are likely related, at least prtly, with syenite and/or porphyry dykes. The second domain, in the NW part of the area studied, presents a rather flat magnetic relief associated with volcano-sedimentary rocks.

Induced Polarisation Survey

The results of the survey are presented on the 34 interpreted individual pseudo-sections, in Appendix. They are also summarised on the apparent resistivity contour map (4.1SW) and on the apparent phase contour map (4.2SW), which also show the interpreted anomalous zones.

The apparent resistivities measured on the property are quite variable with values ranging from more than 20 000 ohm.m, where the rock comes close to the surface, to less than 200 ohm.m in areas covered with thick conductive overburden. The high resitivity values constitute a large zone, of likely sub-outcroping bedrock, traversing the centre of the grid following a NE-SW orientation. The fast variations of the resistivities on N = 1, however, reveals a rather heterogeneous ground which coupled with rugged topography creates in many places distortion of the transmitted current pattern; this, in turn, generates spurious polarization effects often associated with high resistivity patterns. The phase values hence reveals large background variations which fluctuate from 8 to 10 mradians in areas of very high resistivities to near 0 mradians in lower resistivity areas.

The survey outlined several weak to moderate anomalous responses which are mostly associated with the high resitivity zone. Neverthless, some responses are thought to be caused by polarizable material in the underlying rocks. These responses seem to also correlate from line to line, following the general trend suggested by the airborne magnetic survey, to constitute several anomalous zones which were numbered from 1 to 18.

Most of the interpreted anomalous zones are closely spaced and seem to be related with major axes of strong magnetic highs (syenite, porphiry dykes ?) which are more particularly visible on the gradient than on the total field.

Anomalous zones 3, 6, 10 and 12 present the best responses with well defined patterns of strong phase values (> 20 mradians) and no direct strong resitivity increase. They could be explained by disseminated to semi-massive mineralization. Moreover, these same anomalous zones are not coincident, according to the vertical gradient, with strongly magnetic bodies.

Anomalous zones 5 and 9 appears to coincide with magnetic high axes whereas zone 8 seems to be associated with a break along the main magnetic axes (fault ?).

Finally, anomalous zones 1, 13, 16, 17 and 18 are characterised by isolated responses and should be verified, if warranted by complementary IP profiles.

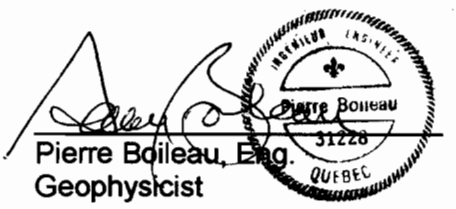
6. CONCLUSION AND RECOMMENDATIONS

The induced polarization and resistivity survey executed on the SW Grid of the Teck property allowed the detection of several weak moderate anomalies or anomalous zones located mostly inside a highly resistive ground.

Anomalous zones 3, 6, 10 and 12 present the best responses with good polarisation patterns (phase) with no associated magnetic high nor strong increases of the resistivity.

Since the bedrock seems to be close to the surface in many places on the property (high resistivities), it would be advisable to carry out on the entire grid a detail geological survey, including trenching and sampling, with a special attention brought to the IP anomalous zone locations.

Recommendations for further work should also consist of diamond drilling to test all zones of interest.



Pierre Boileau, Eng.
Geophysicist

7. CERTIFICATE OF QUALIFICATION

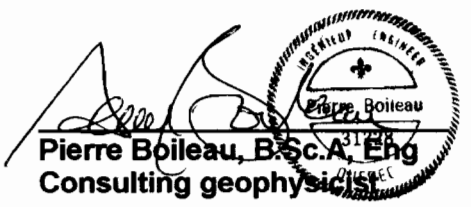
I, PIERRE BOILEAU of the town of Val-d'Or, Abitibi, Québec, do certify that :

1) I am a graduate of Ecole Polytechnique of Montréal (B.Sc.A Eng. 1971) in Geological Sciences

2) I have practiced my profession continuously for 34 years since my graduation from Ecole Polytechnique

3) I am a member of l'Ordre des Ingénieurs du Québec (31228)

4) I have no beneficial interest in the property discussed in this report nor do I expect to receive any in the future



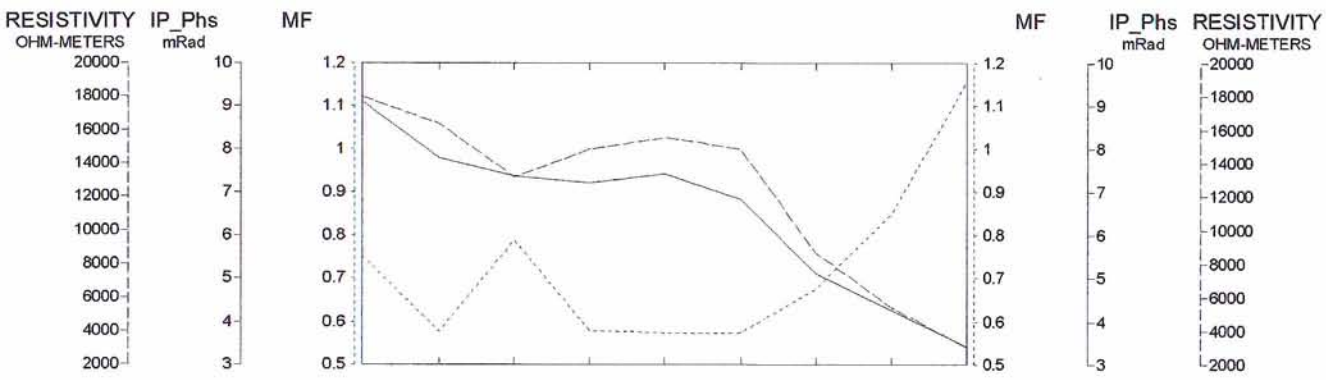
Pierre Boileau, B.Sc.A, Eng
Consulting geophysicist

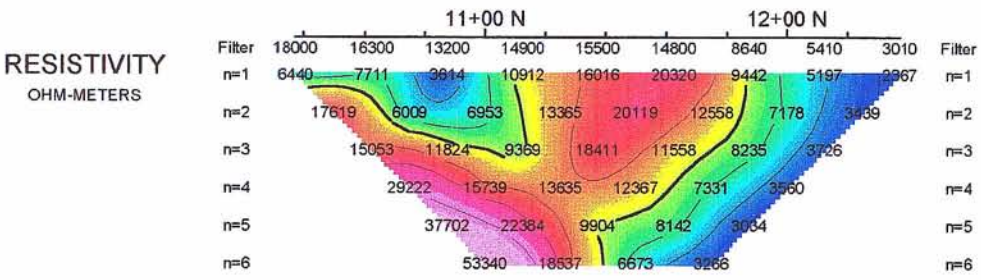
March 12, 2005

APPENDIX

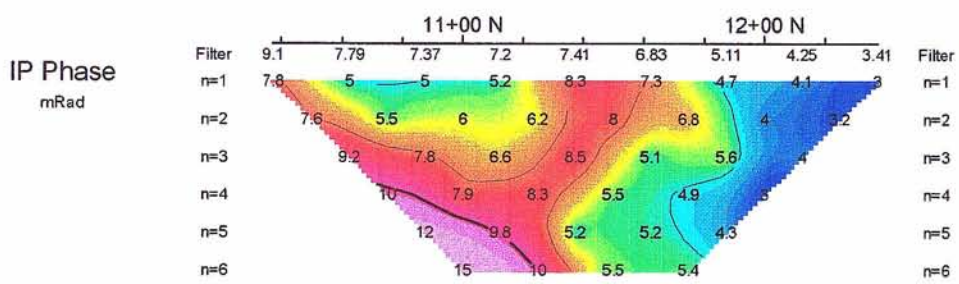
Induced Polarization/Resistivity Pseudo Sections (1 : 2 500)

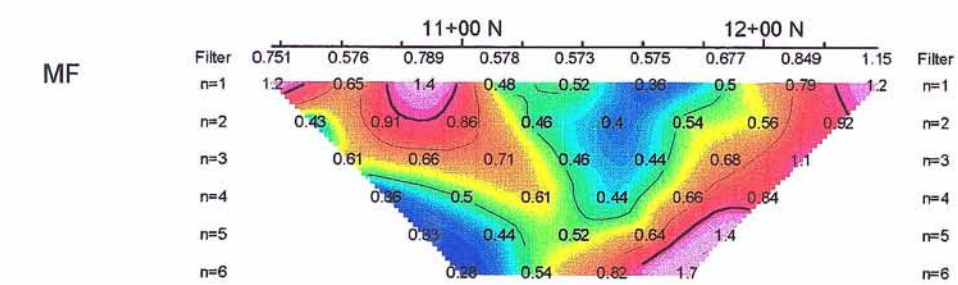
L –1000E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1100E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1200E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1300E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1400E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1500E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1600E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1700E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1800E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –1900E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2000E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2100E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2200E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2300E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2400E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2500E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2600E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2700E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2800E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –2900E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3000E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3100E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3200E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3300E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3400E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
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L –3600E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3700E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3800E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –3900E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –4000E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –4100E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –4200E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500
L –4300E	(Dipole-Dipole, a=25 m, n = 1 to 6)	1: 2 500



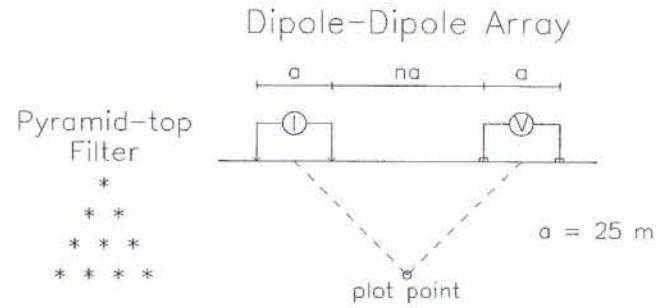








Pseudo Section Plot
10+00 E



2.30324

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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

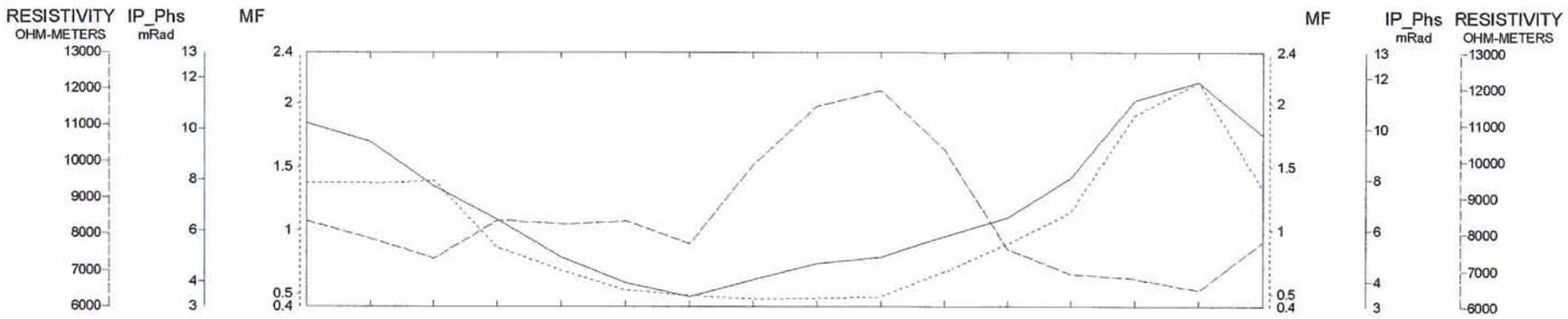
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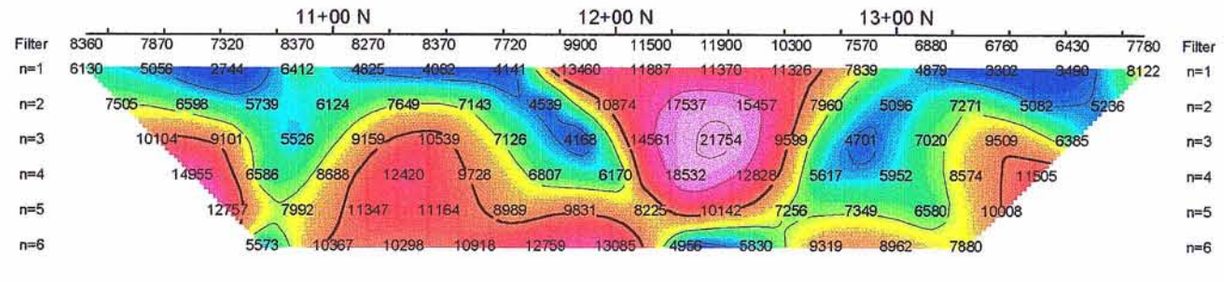
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Interpretation: P. BOILEAU V-5 RX

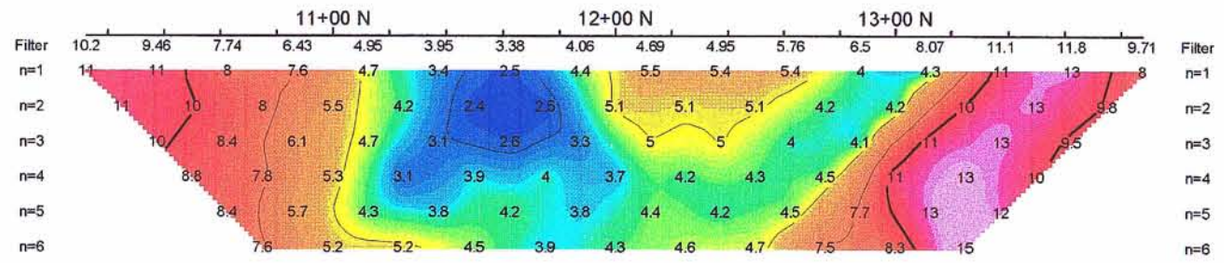
REMY BELANGER (ENT. GEOPHYSICS)

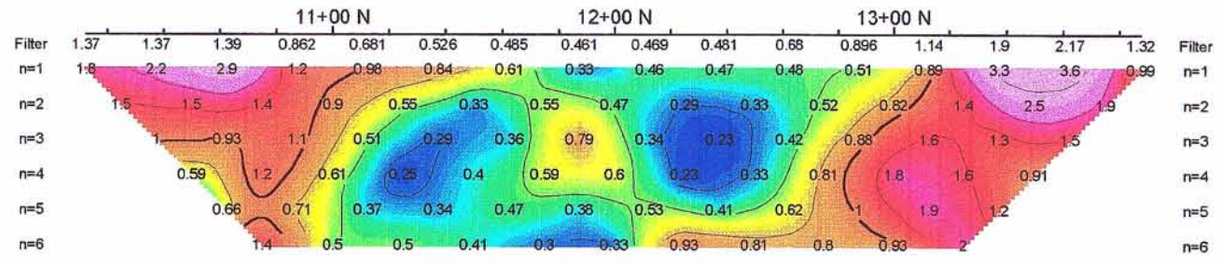
Geosoft Software for the Earth Sciences



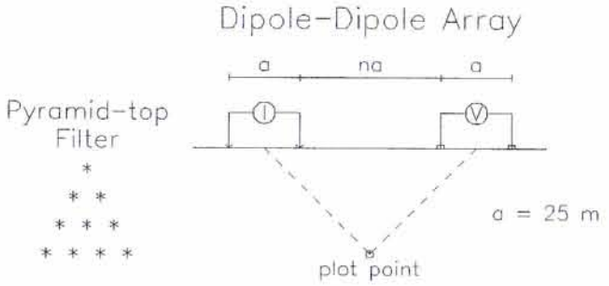








Pseudo Section Plot
11+00 E



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

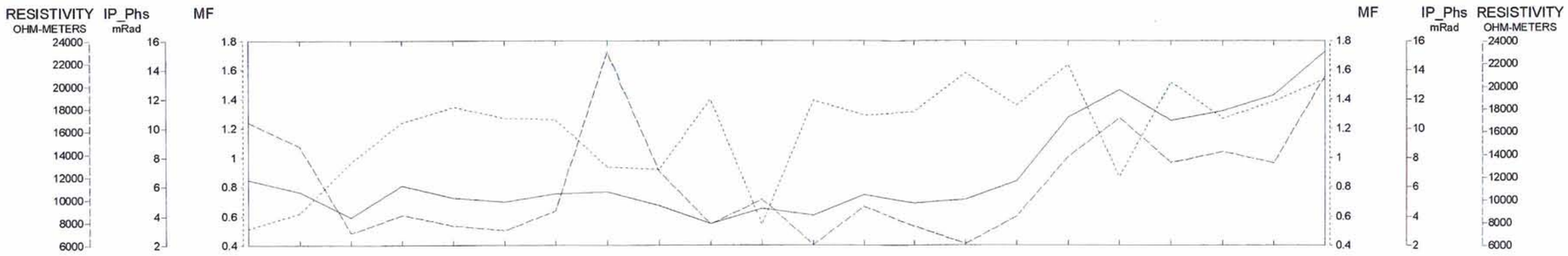
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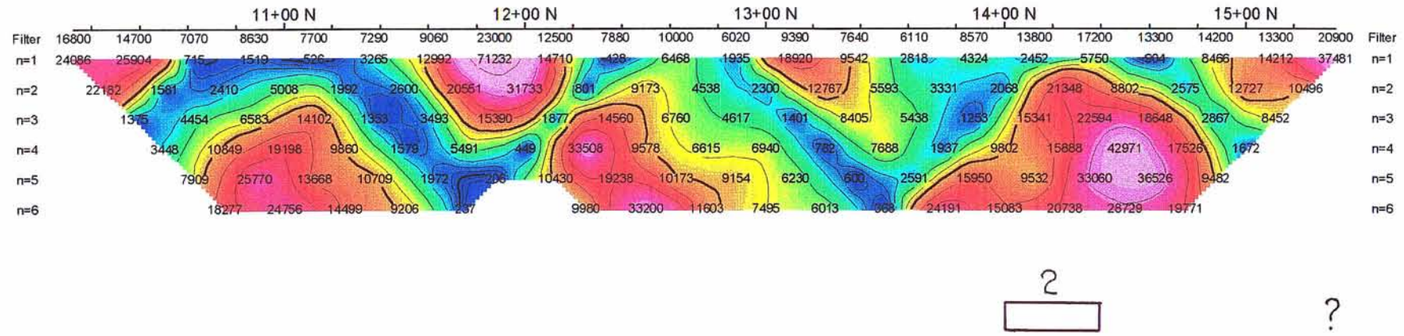
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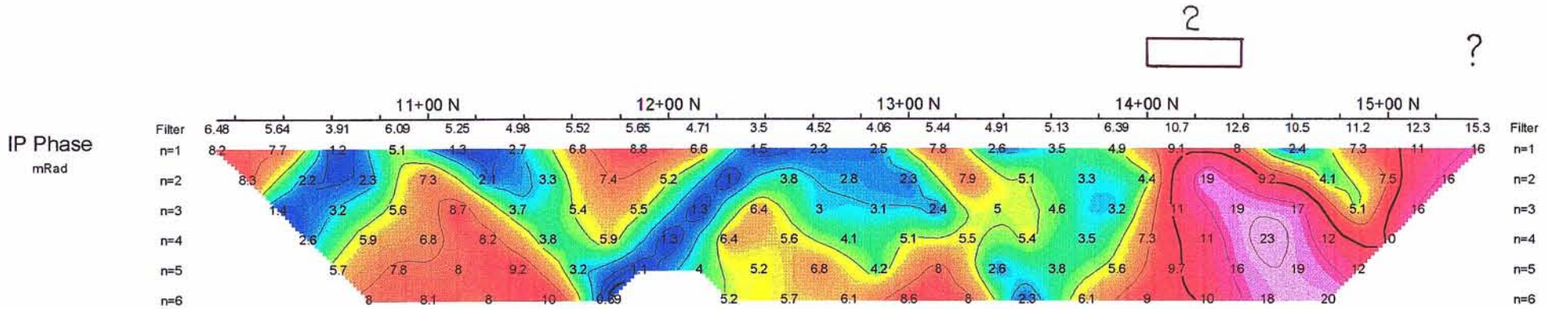
Interpretation: P.BOILEAU V-5 RX

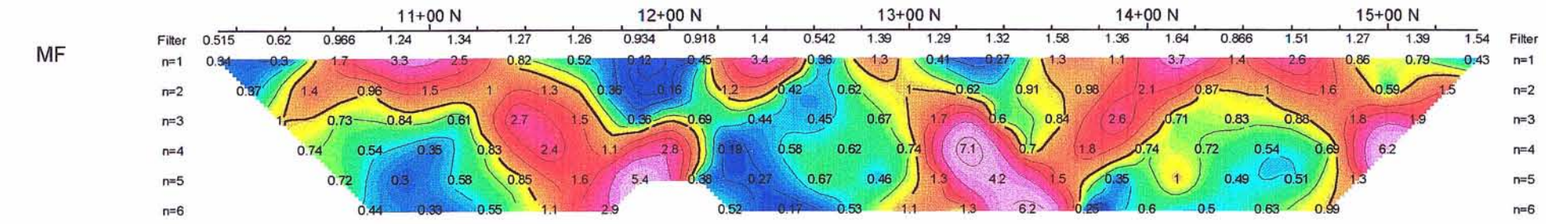
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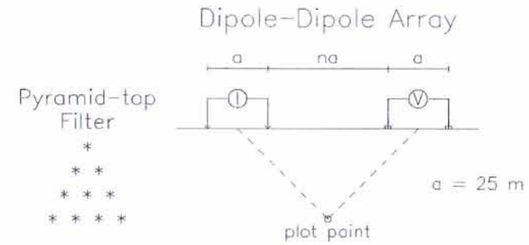








Pseudo Section Plot
12+00 E



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

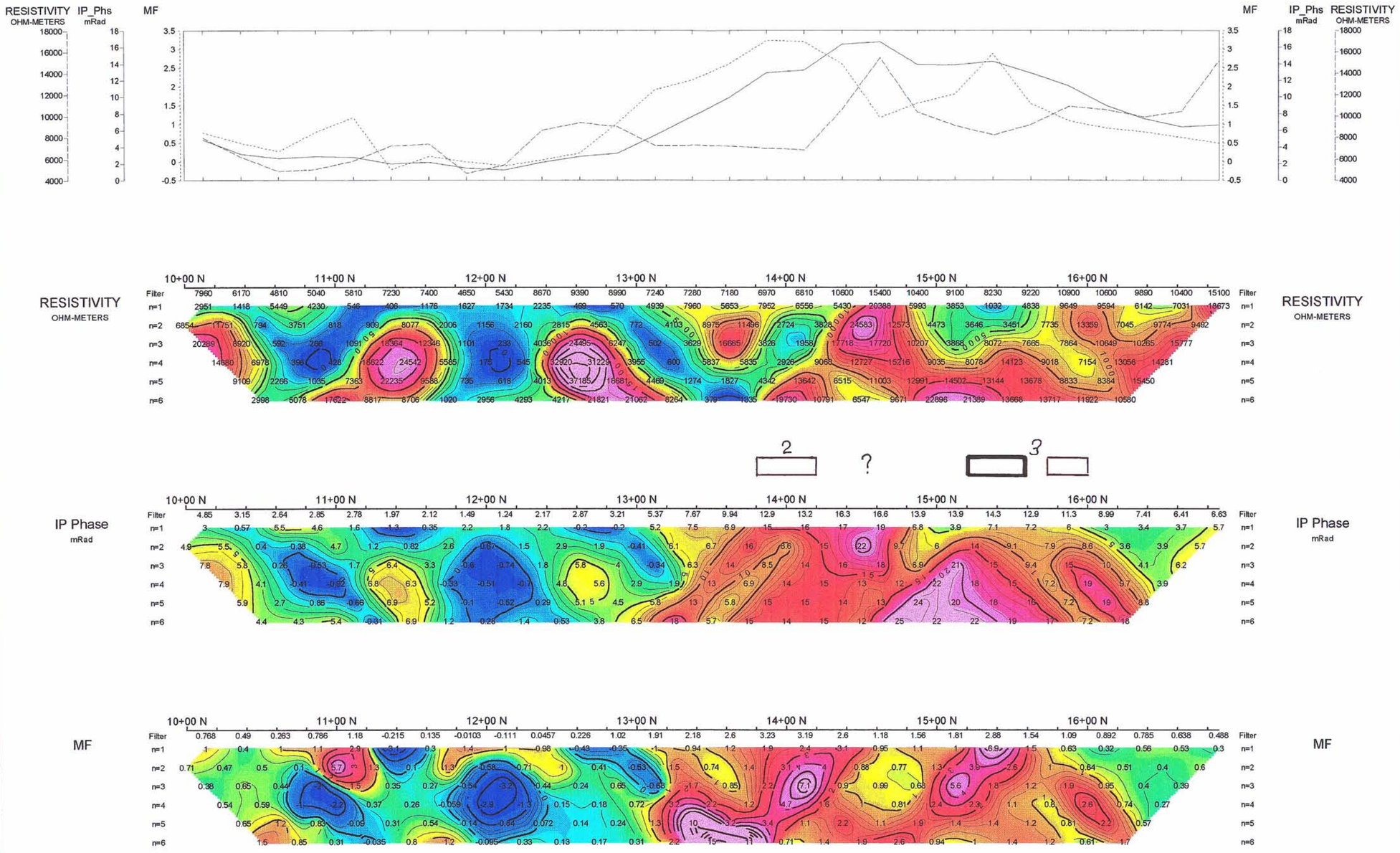
TECK PROJECT

TECK TWP. , ONTARIO

Date: 29/01/2005

Interpretation: P.BOILEAU V-5 RX

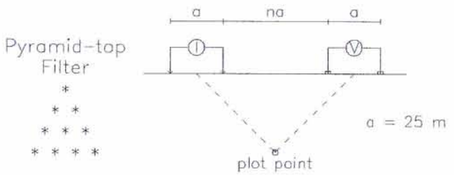
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Pseudo Section Plot

13+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

TECK PROJECT

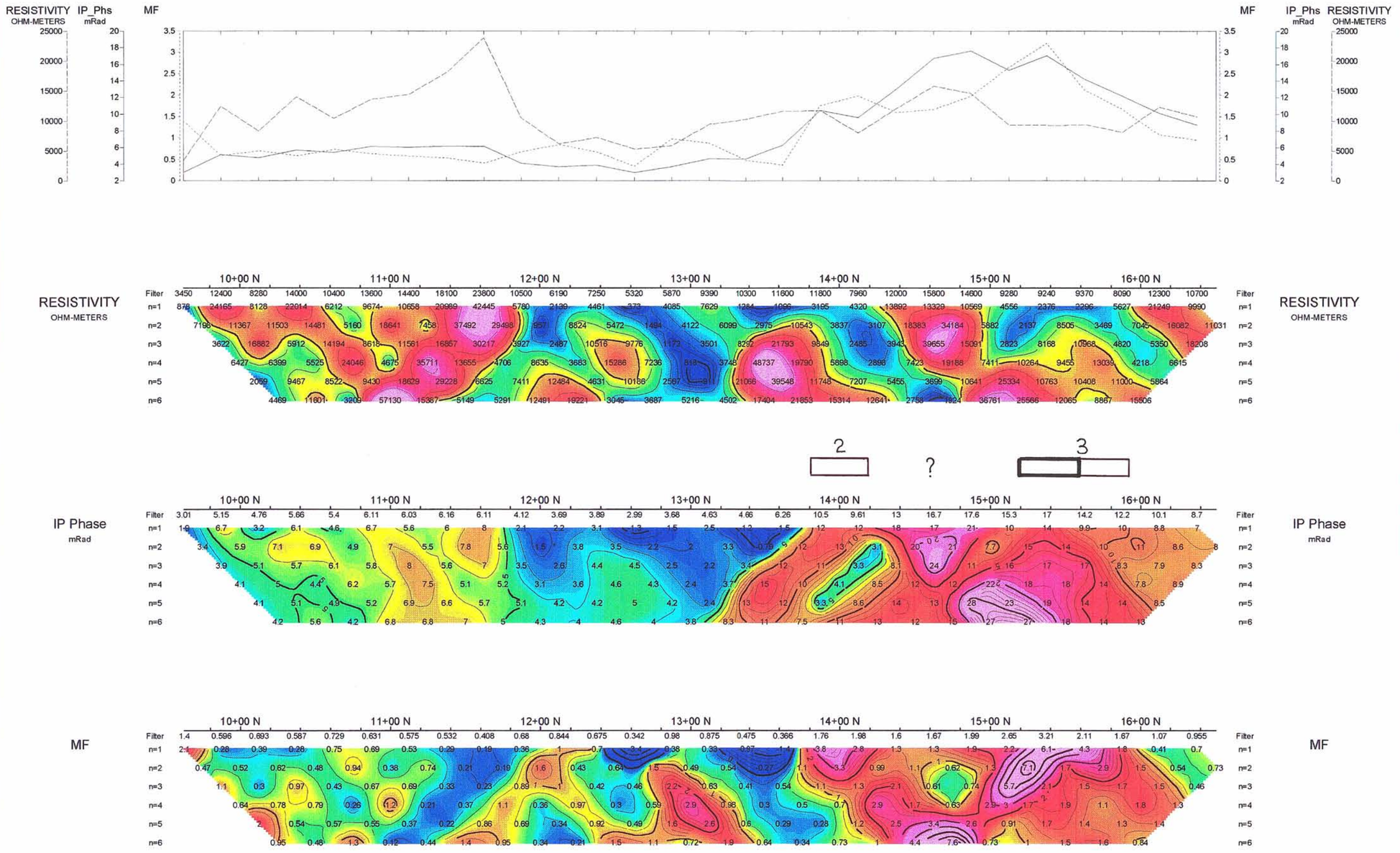
TECK TWP. , ONTARIO

Date: 29/01/2005

Interpretation: P.BOILEAU V-5 RX

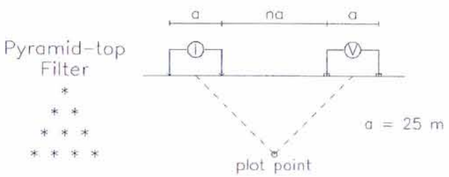
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Pseudo Section Plot
14+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

TECK PROJECT

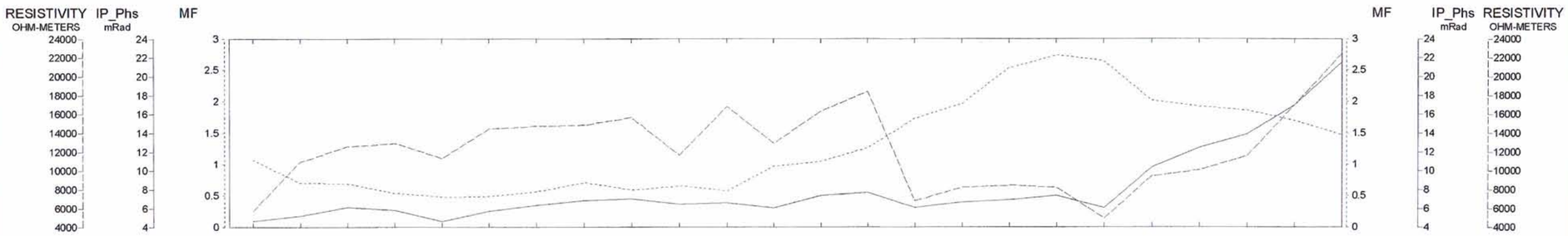
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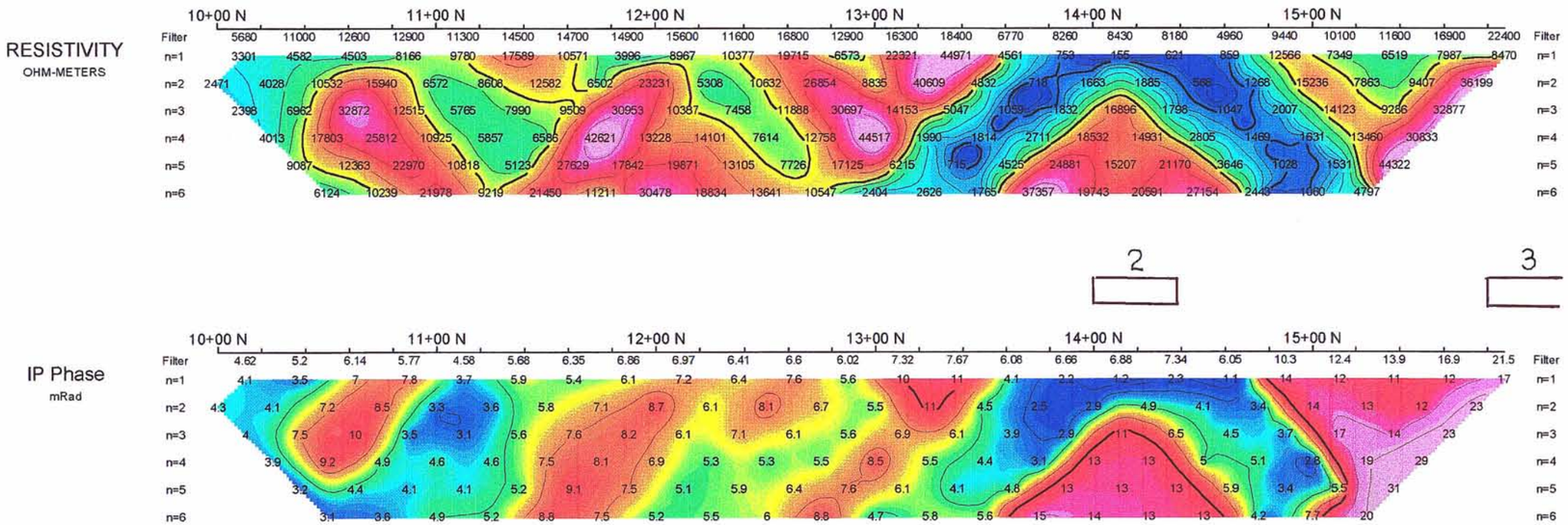
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Interpretation: P.BOILEAU V-5 RX

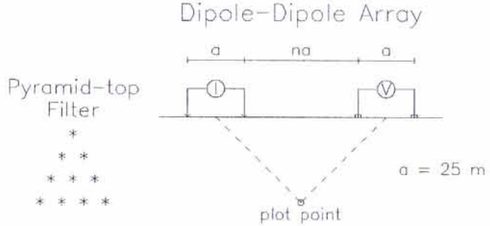
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Pseudo Section Plot
15+00 E



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

TECK PROJECT

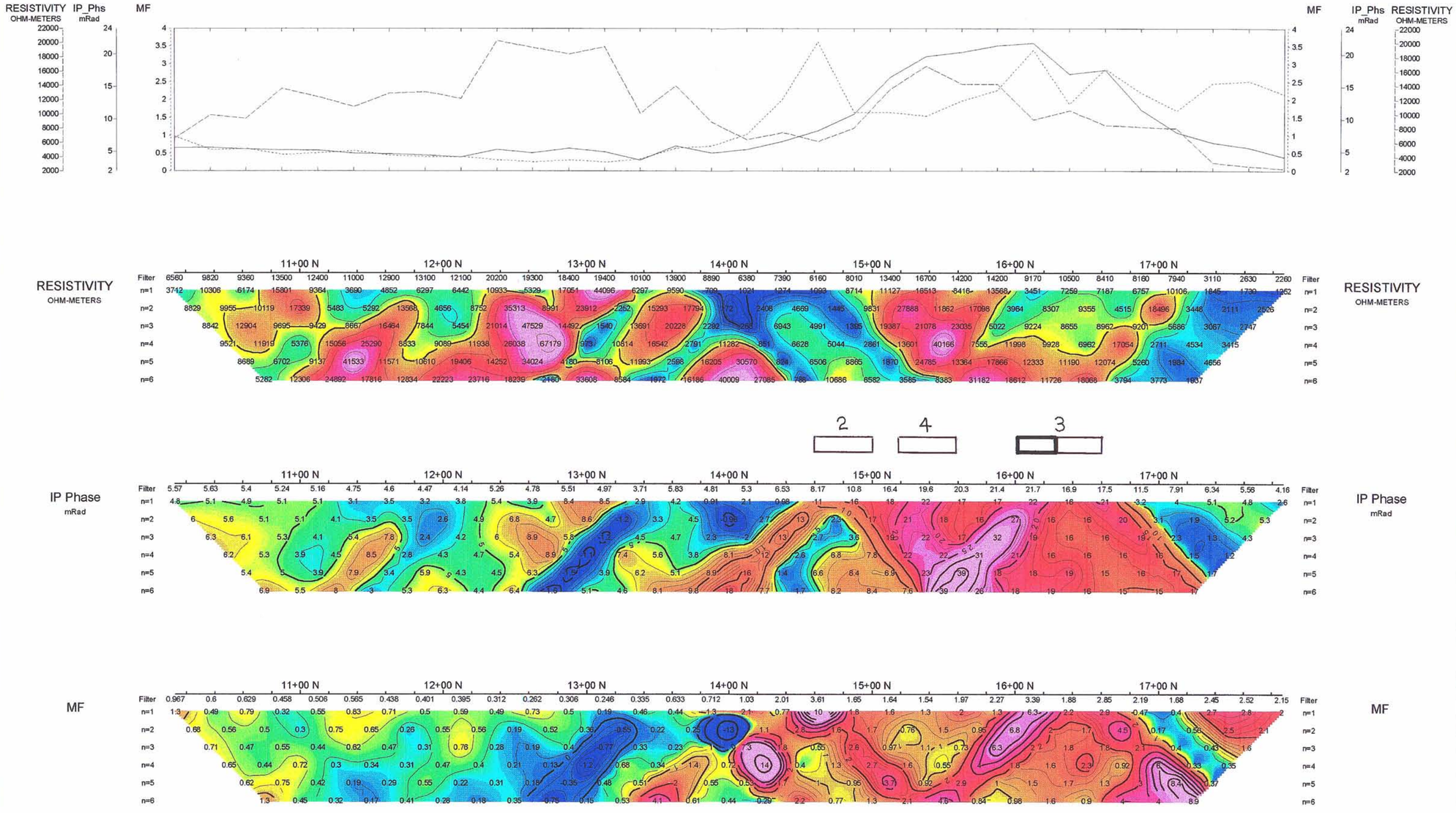
TECK TWP. , ONTARIO

Date: 29/01/2005

Interpretation: P.BOILEAU V-5 RX

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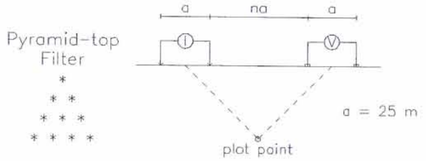
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Pseudo Section Plot

16+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

TECK PROJECT

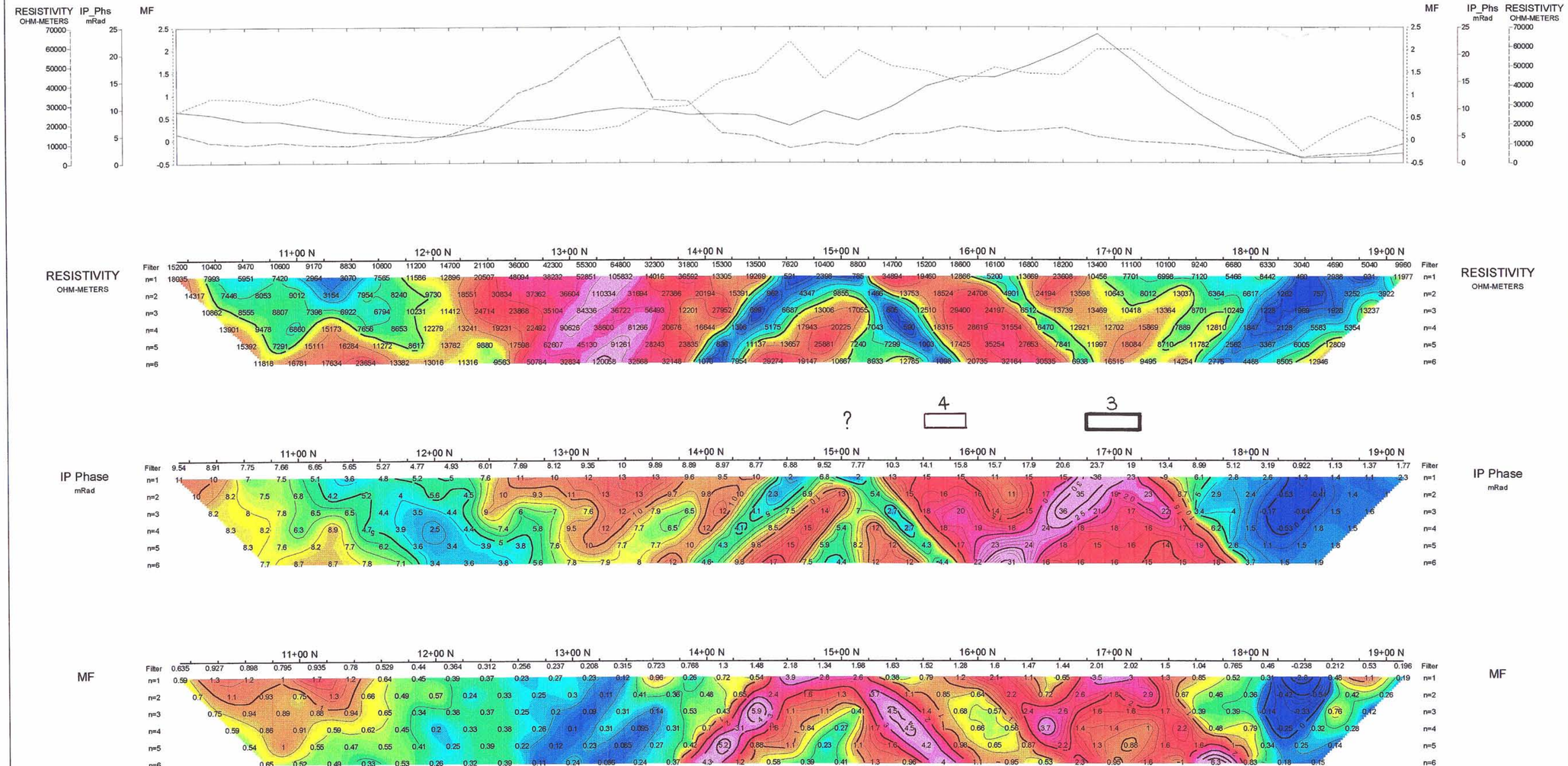
TECK TWP. , ONTARIO

Date: 29/01/2005

Interpretation: P. BOILEAU V-5 RX

REMY BELANGER (ENT. GEOPHYSICS)

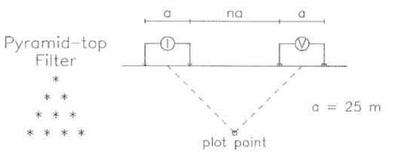
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Pseudo Section Plot

17+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

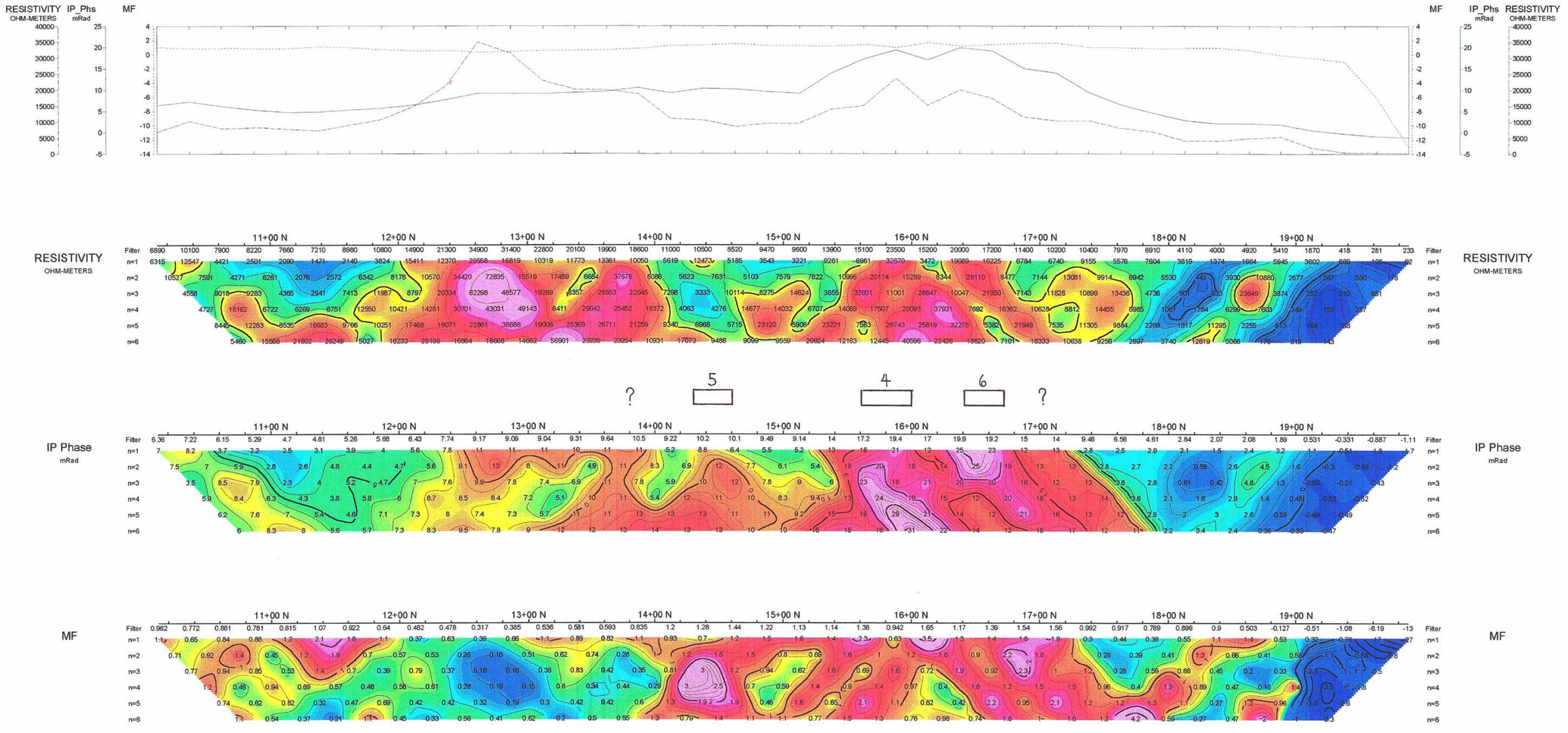
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Date: 29/01/2005

Interpretation: P.BOILEAU V-5 RX

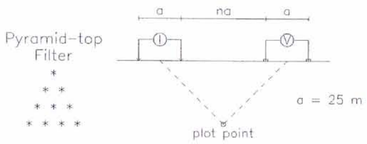
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Pseudo Section Plot
18+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

TECK PROJECT

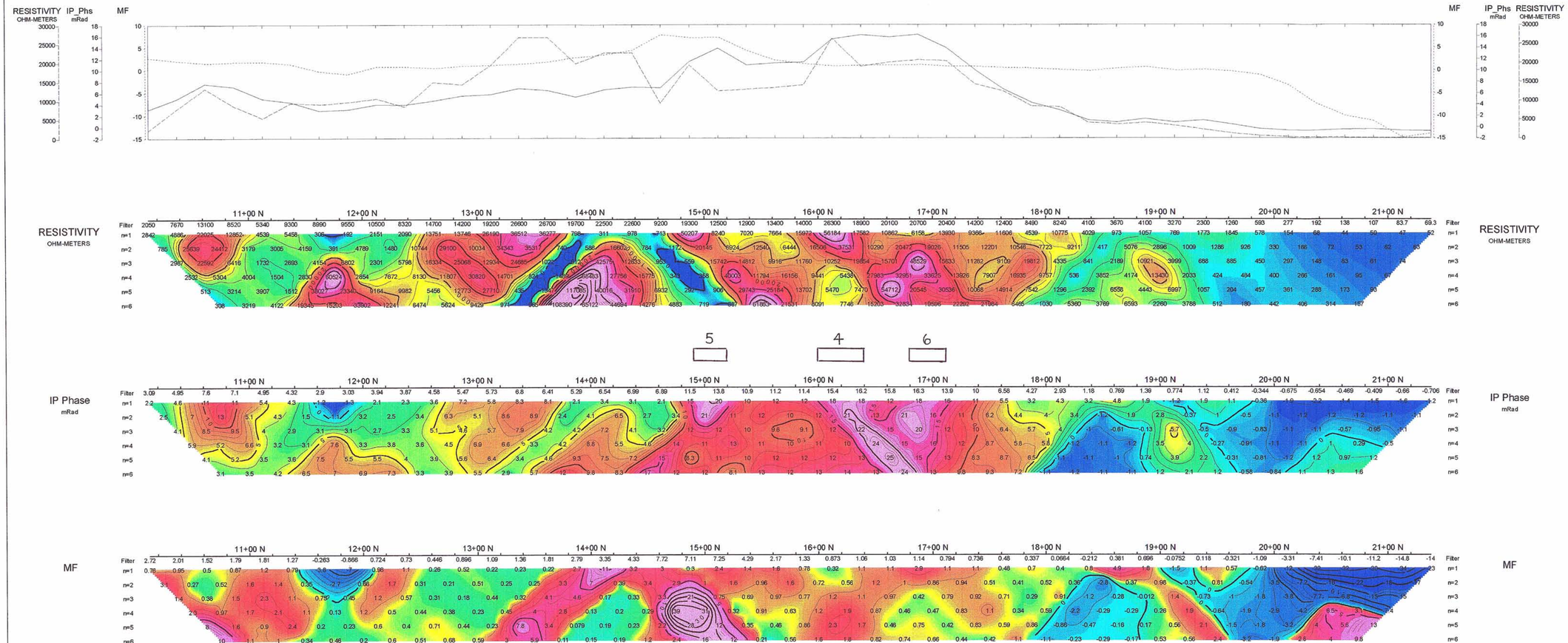
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Interpretation: P.BOILEAU V-5 RX

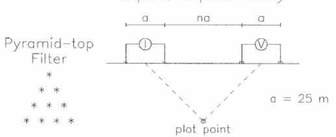
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Pseudo Section Plot
19+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

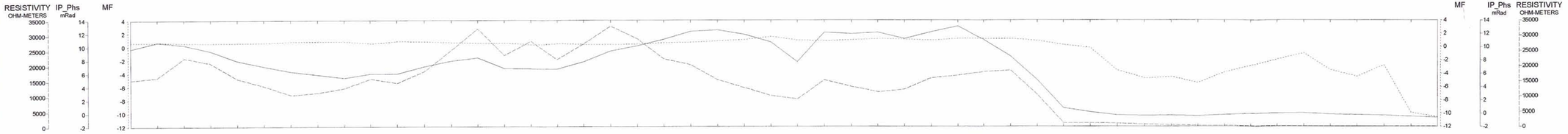
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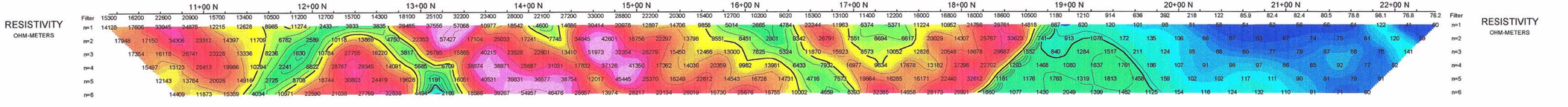
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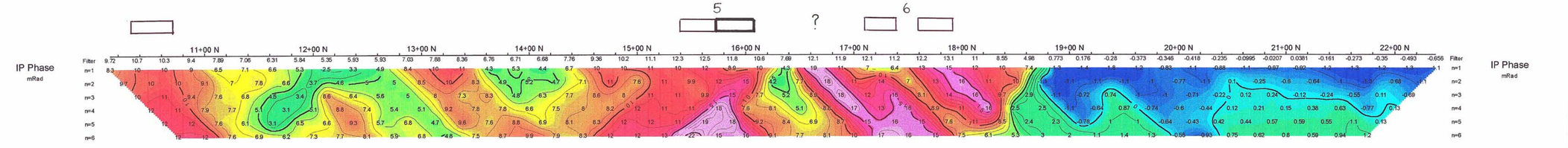
Interpretation: P.BOILEAU V-5 RX

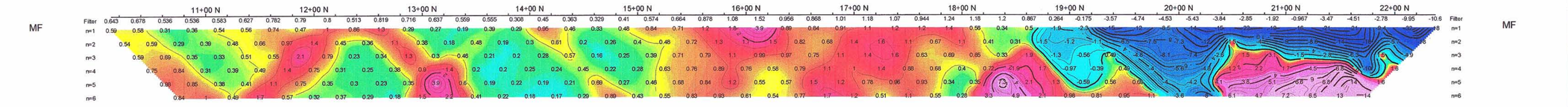
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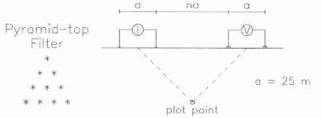




Geosoft Software for the Earth Sciences

Pseudo Section Plot
20+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

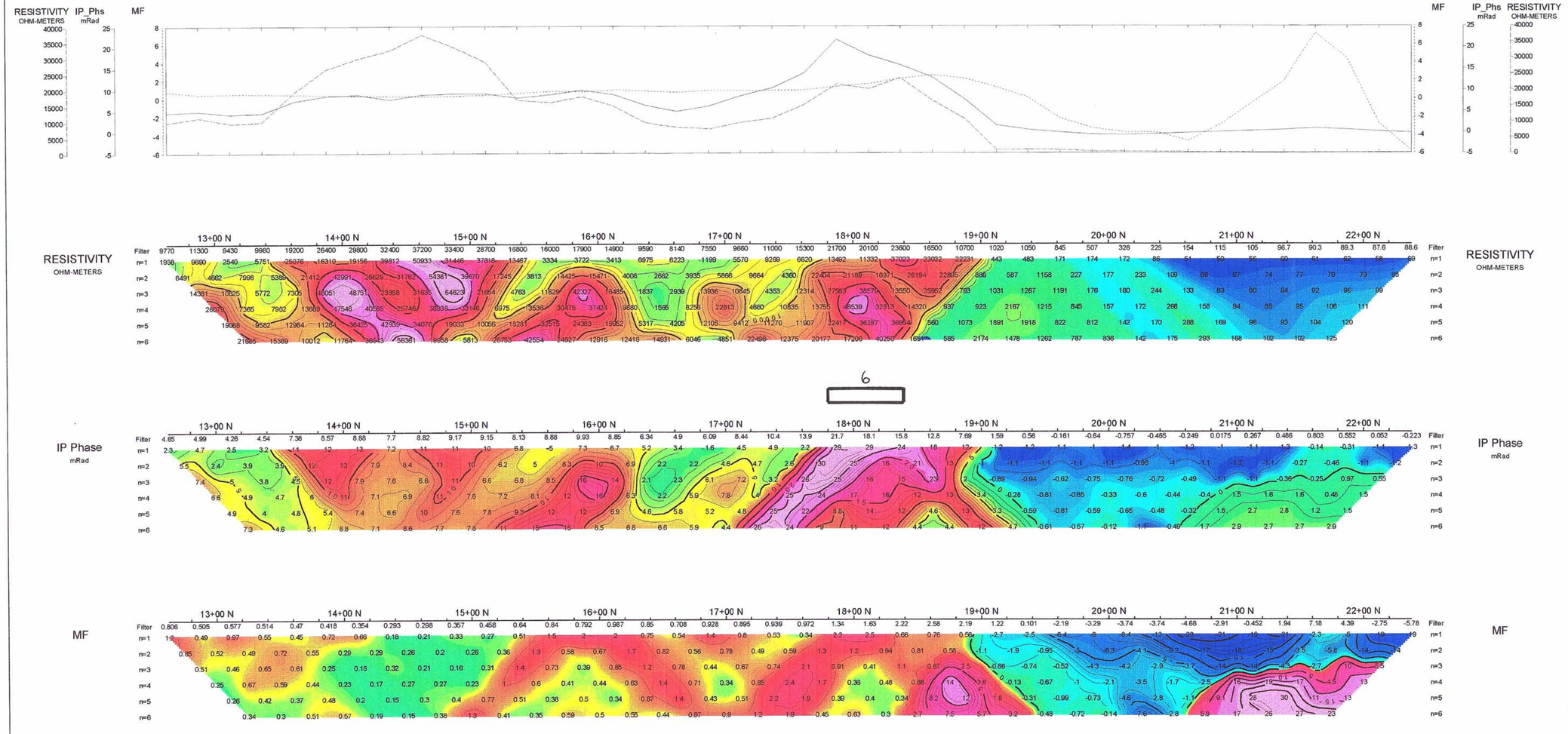
TECK PROJECT

TECK TWP. , ONTARIO

Date: 29/01/2005

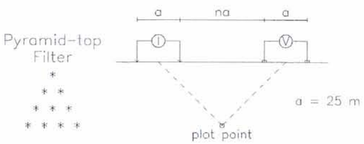
Interpretation: P.BOILEAU V-5 RX

REMY BELANGER (ENT. GEOPHYSICS)



Pseudo Section Plot
21+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

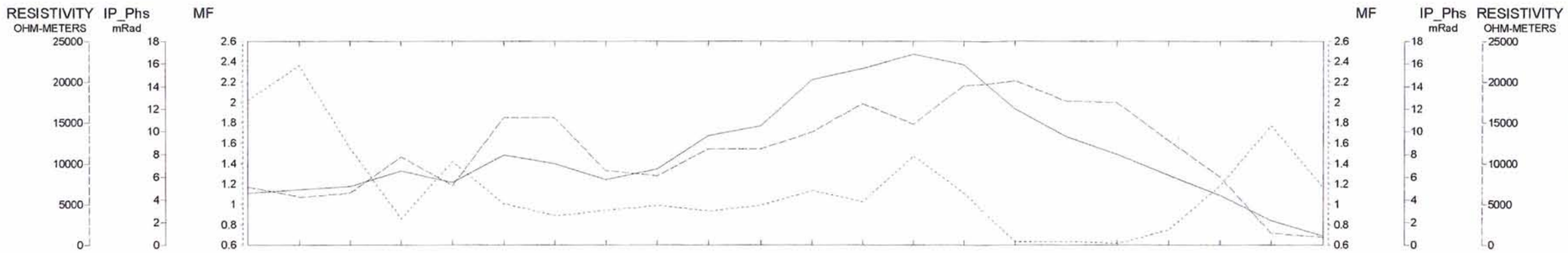
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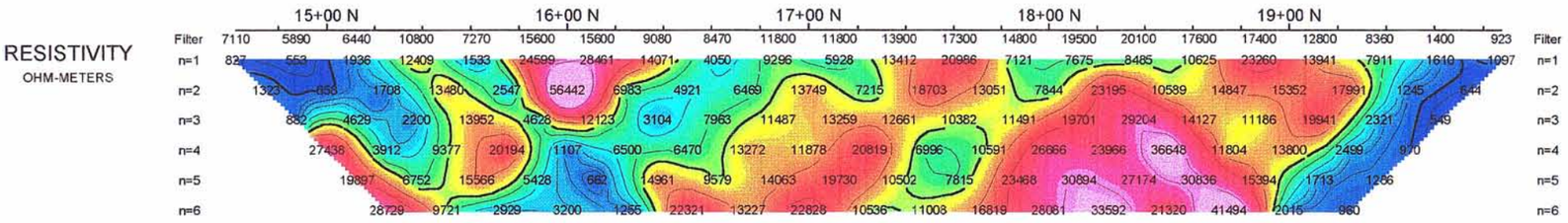
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Interpretation: P.BOILEAU V-5 RX

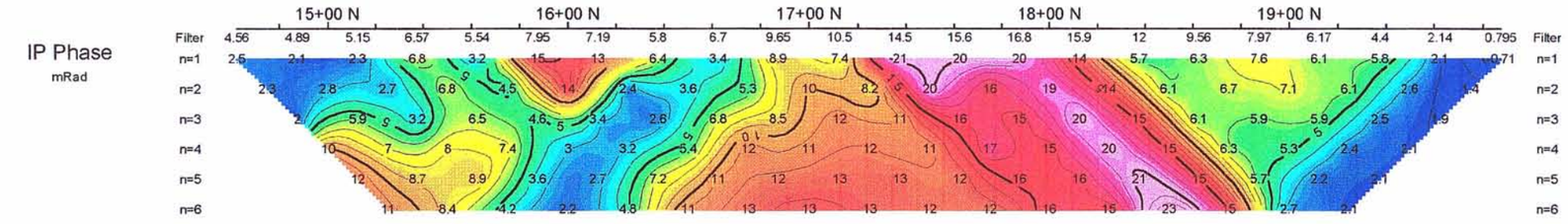
REMY BELANGER (ENT. GEOPHYSICS)

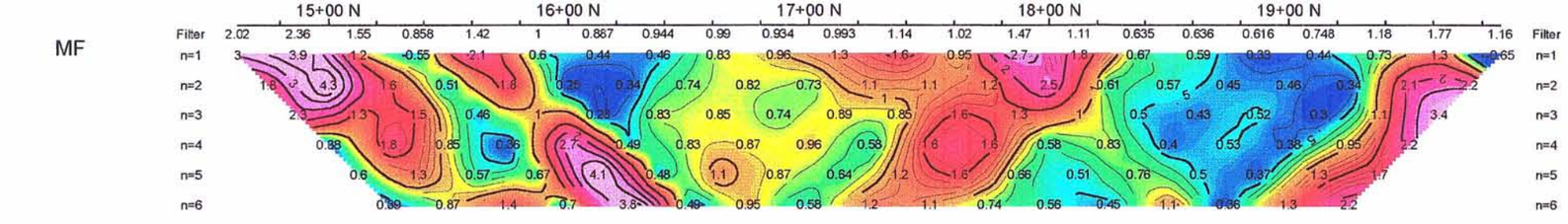
Geosoft Software for the Earth Sciences





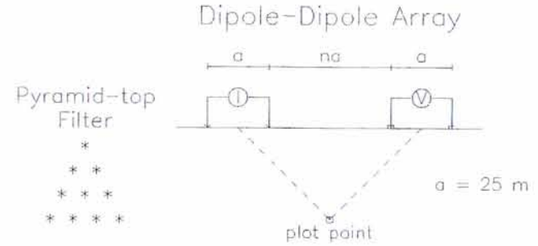






Pseudo Section Plot

22+00 E



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

INTERPRETATION

- ■ Strong increase in polarization accompaniec by marked decrease in resistivity.
- □ Well defined increase in polarizat'on without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

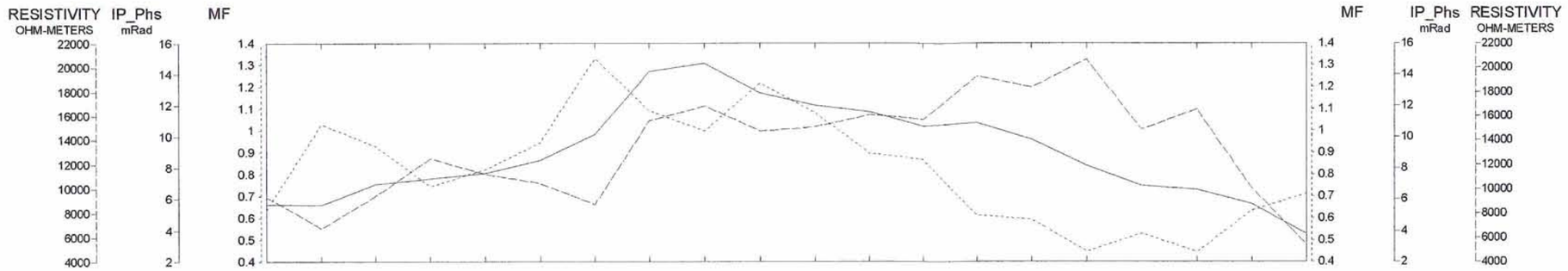
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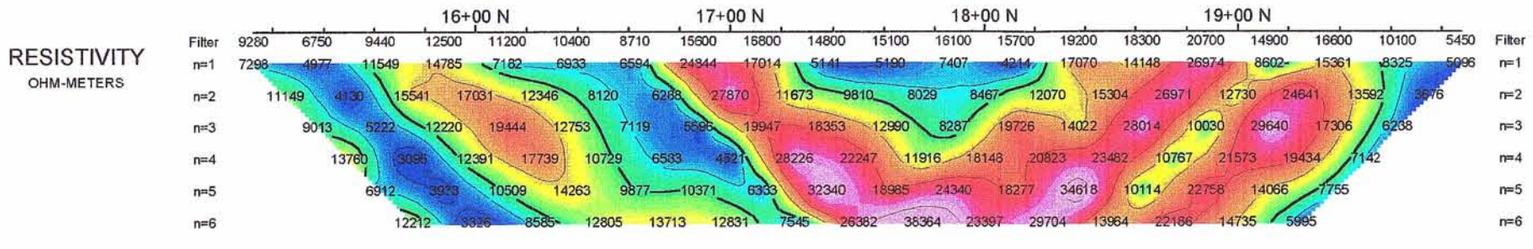
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Interpretation: P.BOILEAU V-5 RX

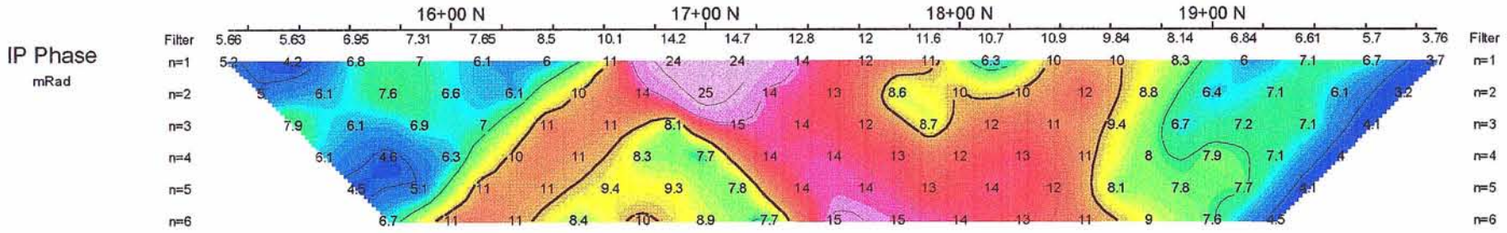
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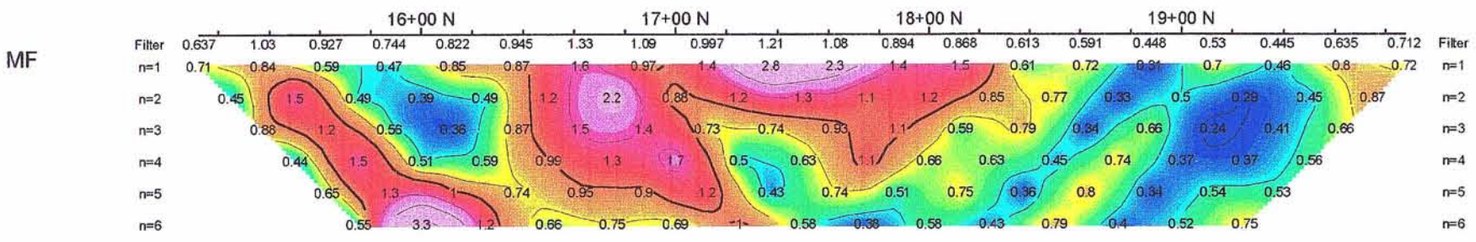
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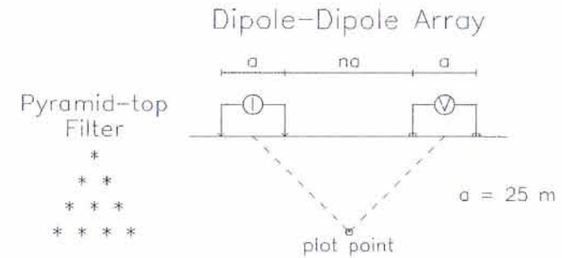






Pseudo Section Plot

23+00 E



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

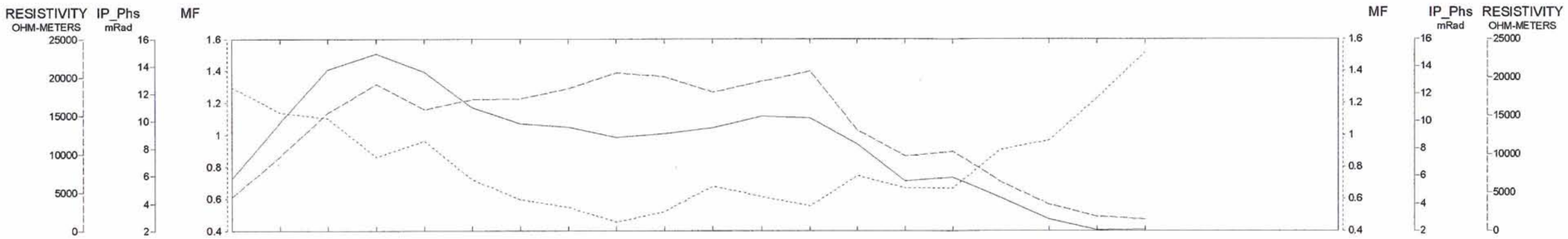
TECK TWP. , ONTARIO

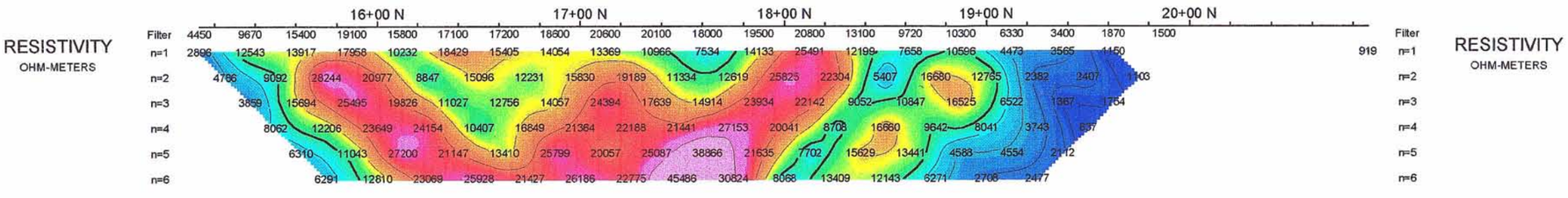
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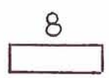
Interpretation: P.BOILEAU V-5 RX

REMY BELANGER (ENT. GEOPHYSICS)

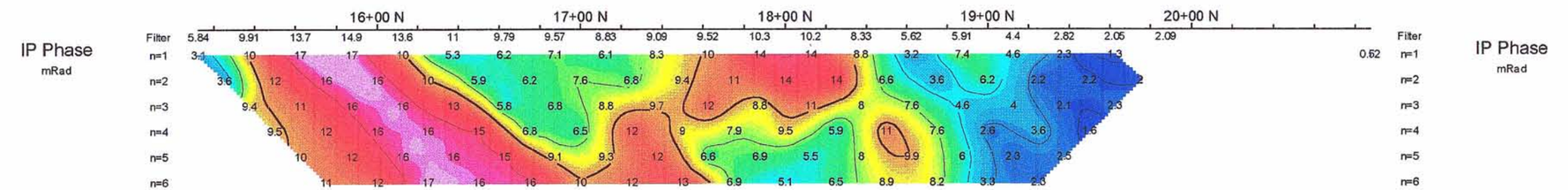
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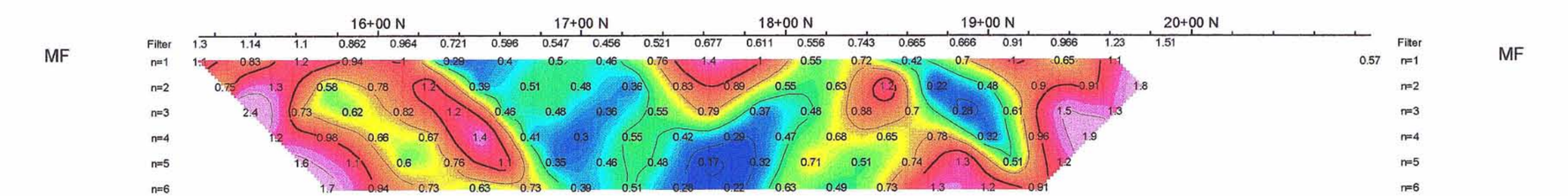




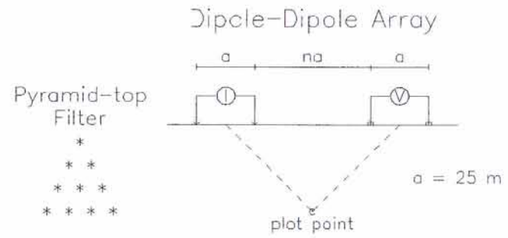


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Pseudo Section Plot
24+00 E



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

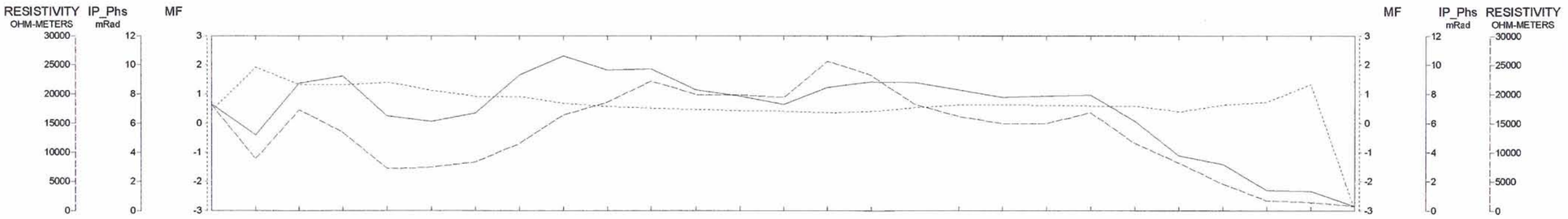
TECK TWP. , ONTARIO

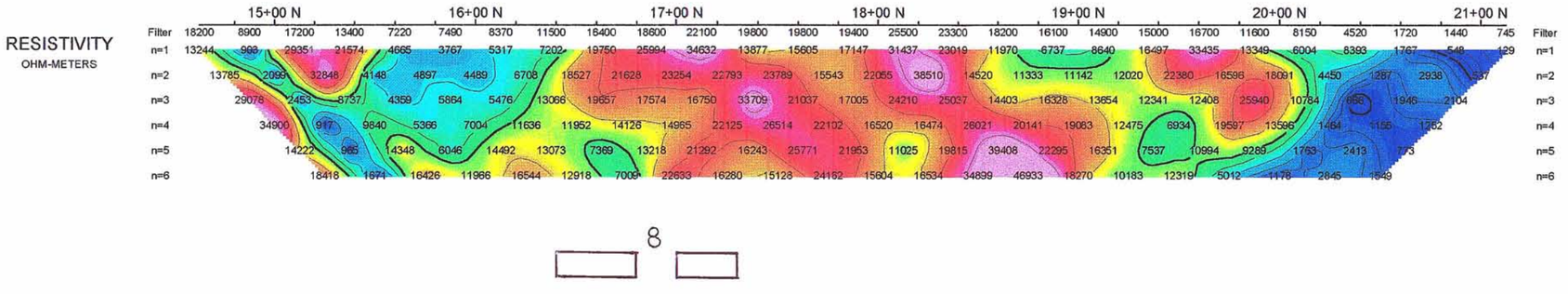
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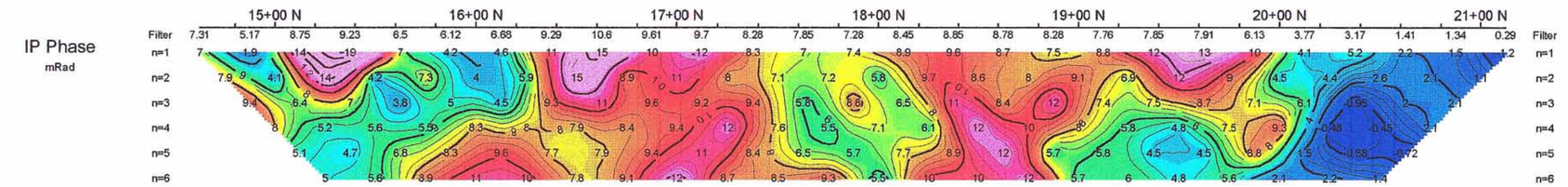
Interpretation: P.BOILEAU V-5 RX

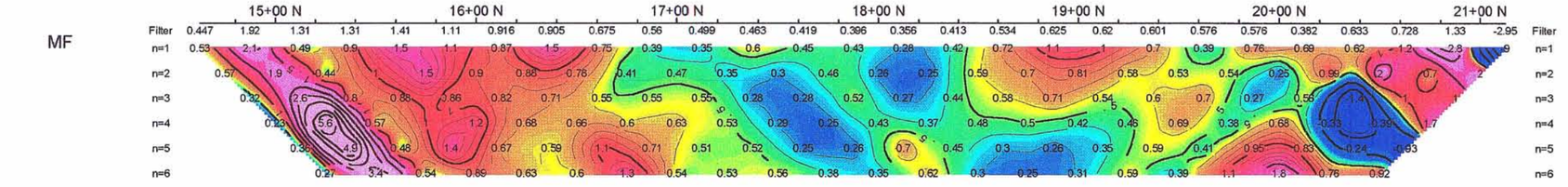
REMY BELANGER (ENT. GEOPHYSICS)

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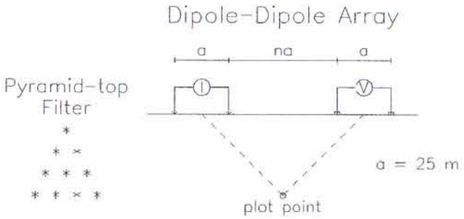








Pseudo Section Plot
25+00 E



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

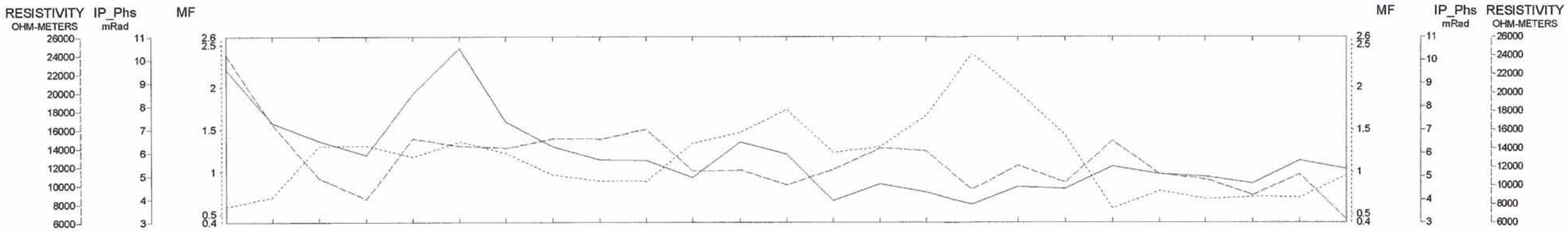
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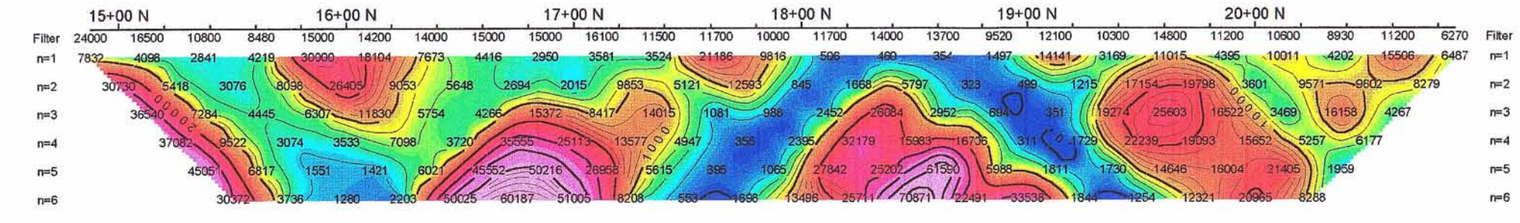
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Interpretation: P. BOILEAU V-5 RX

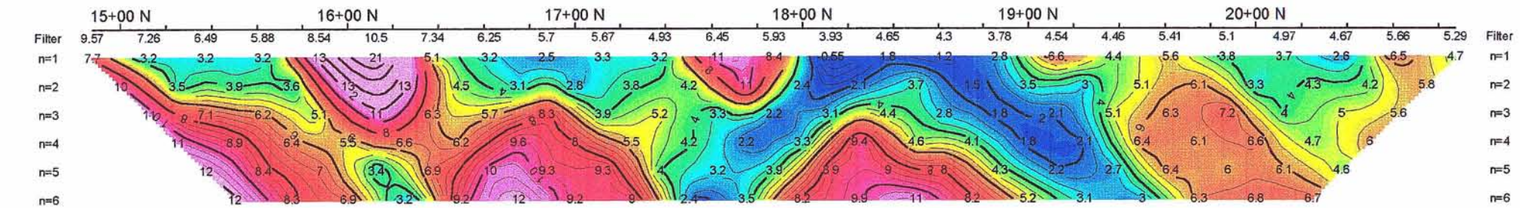
REMY BELANGER (ENT. GEOPHYSICS)

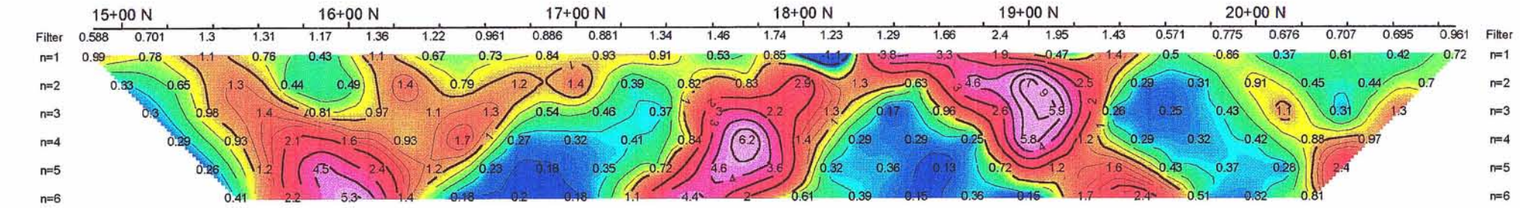
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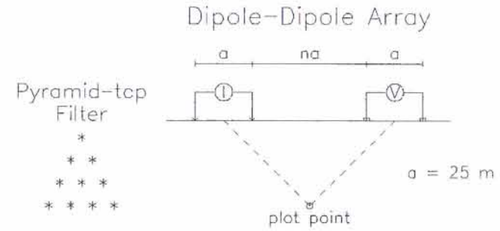
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Pseudo Section Plot

26+00 E



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

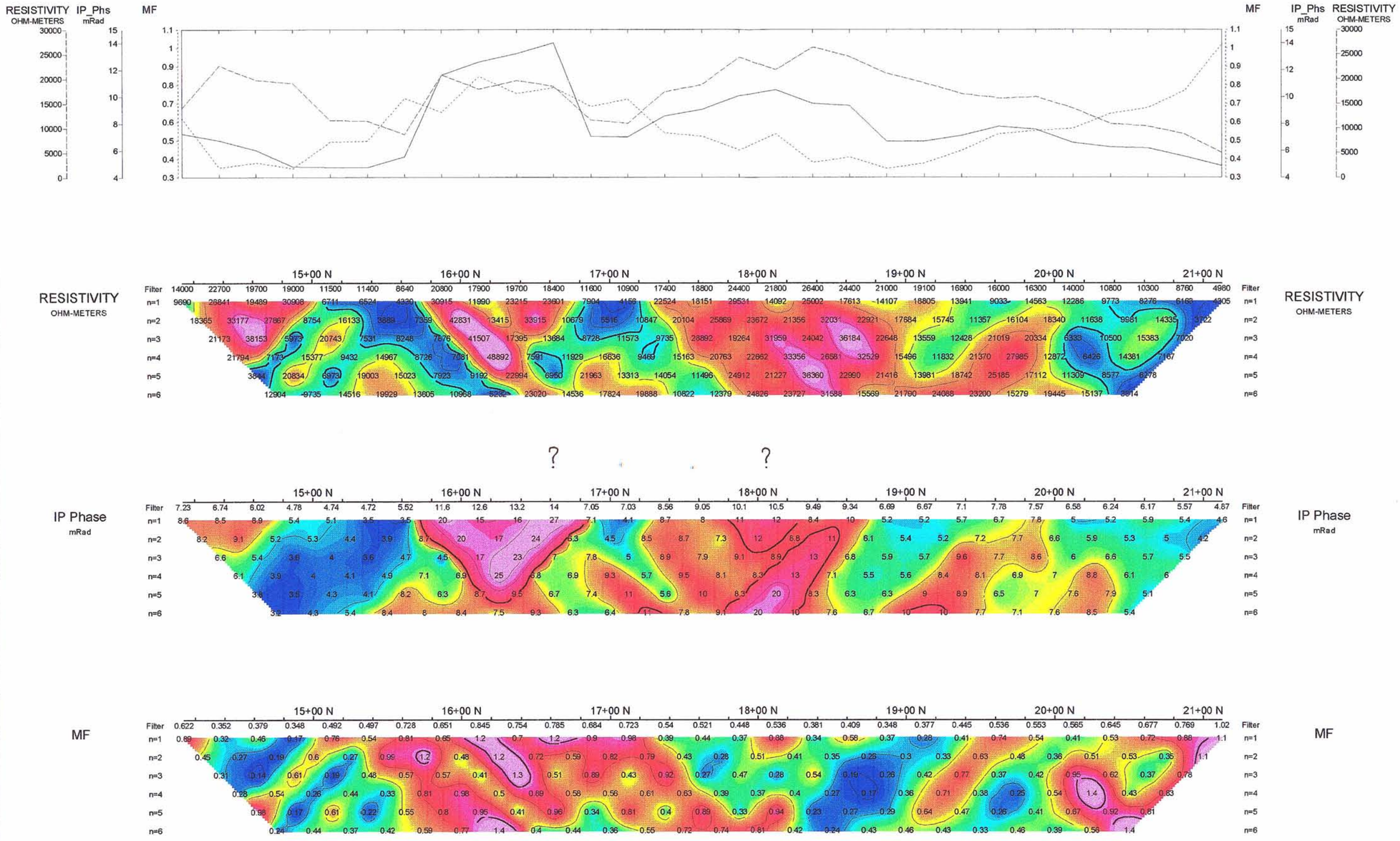
TECK PROJECT

TECK TWP. , ONTARIO

Date: 15/01/2005

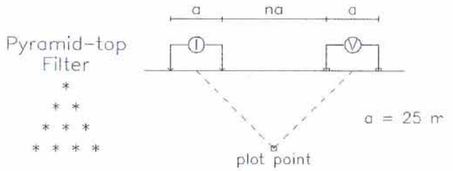
Interpretation: P.BOILEAU V-5 RX

REMY BELANGER (ENT. GEOPHYSICS)



Pseudo Section Plot
27+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

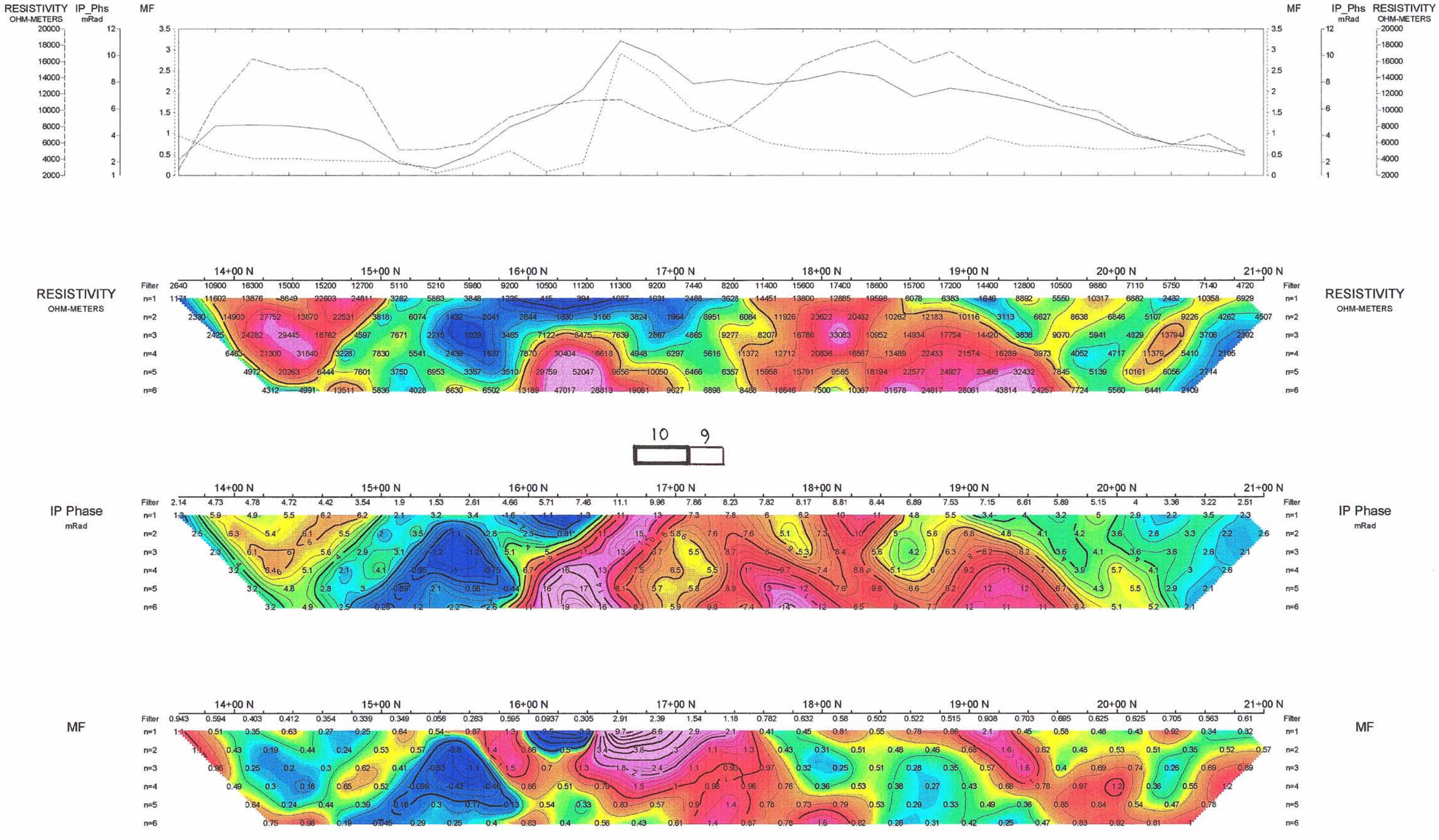
TECK TWP. , ONTARIO

Date: 15/01/2005

Interpretation: P.BOILEAU V-5 RX

REMY BELANGER (ENT. GEOPHYSICS)

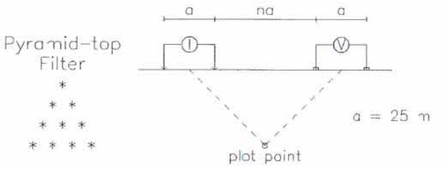
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Pseudo Section Plot

28+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

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INDUCED POLARIZATION SURVEY

TECK PROJECT

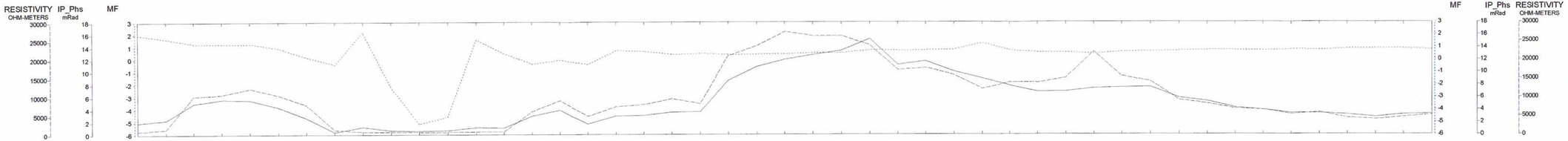
TECK TWP. , ONTARIO

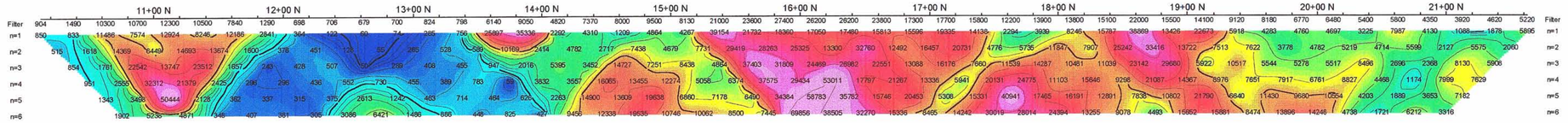
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Interpretation: P.BOILEAU V-5 RX

REMY BELANGER (ENT. GEOPHYSICS)

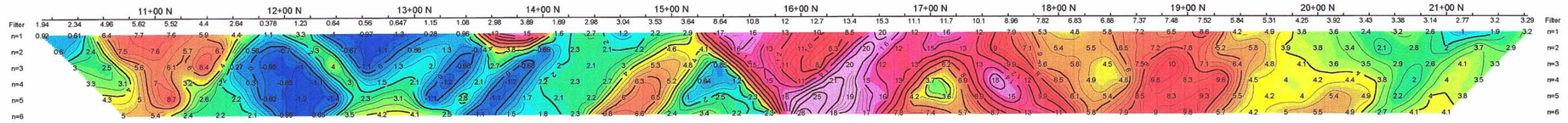
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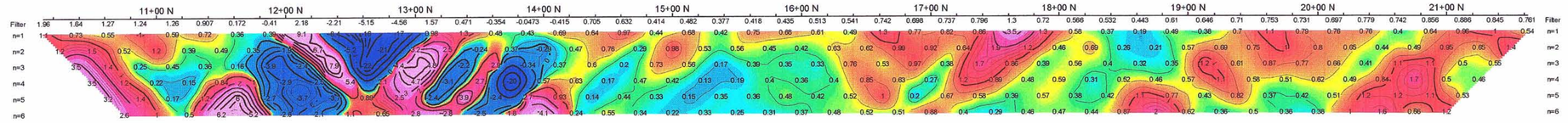


RESISTIVITY
OHM-METERS





IP Phase
mRad

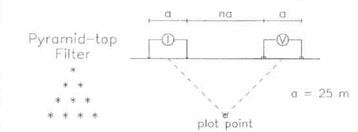


MF

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Pseudo Section Plot
29+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

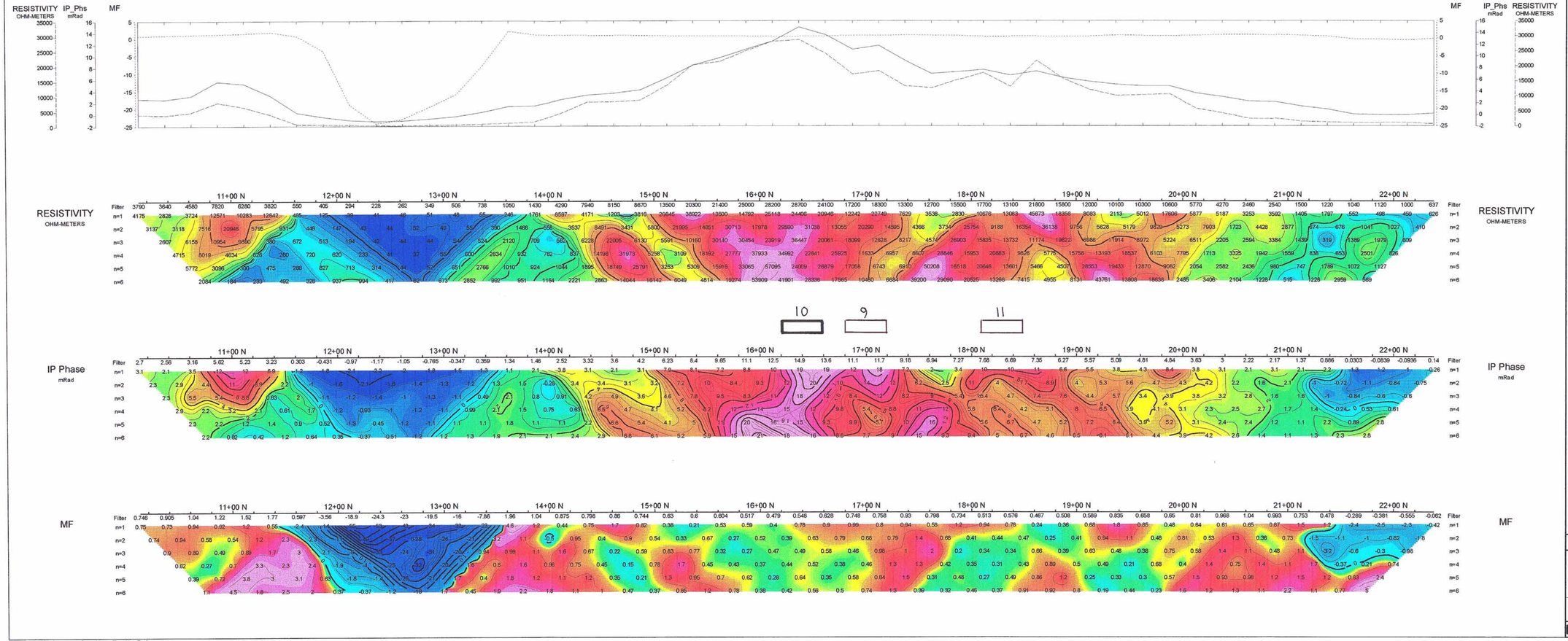
TECK PROJECT

TECK TWP. , ONTARIO

Date: 15/01/2005

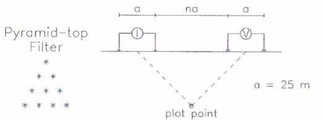
Interpretation: P.BOILEAU V-5 RX

REMY BELANGER (ENT. GEOPHYSICS)



Pseudo Section Plot
30+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150
meters

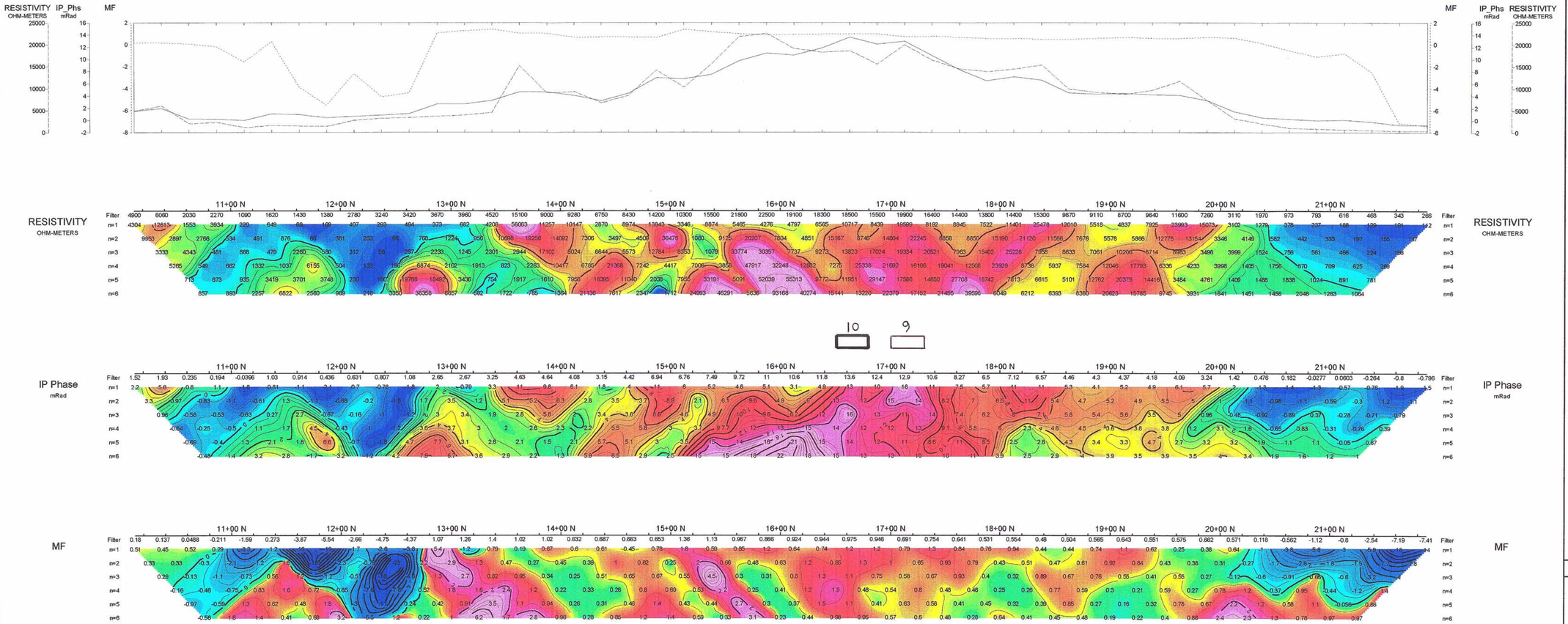
HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY
TECK PROJECT
TECK TWP. , ONTARIO

Date: 15/01/2005
Interpretation: P.BOILEAU V-5 RX

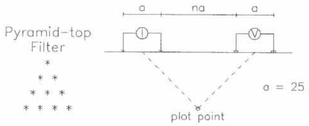
REMY BELANGER (ENT. GEOPHYSICS)

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Pseudo Section Plot
31+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

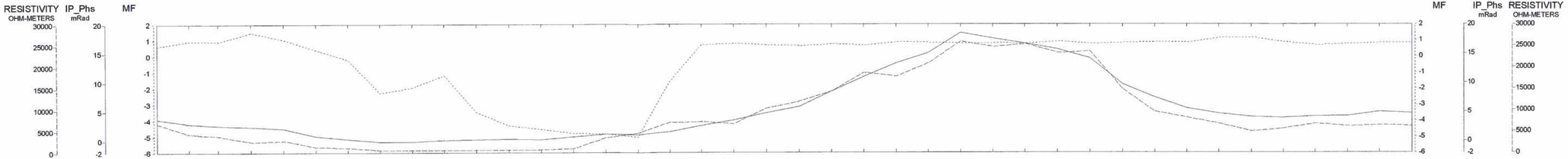
TECK TWP. , ONTARIO

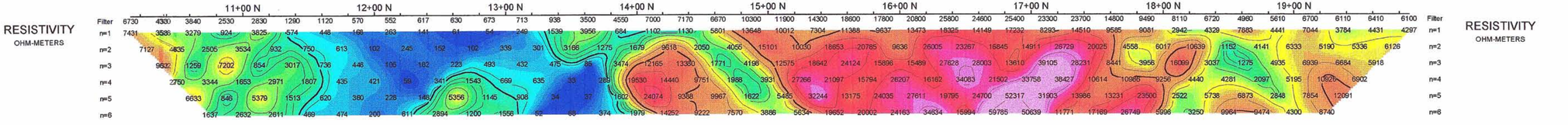
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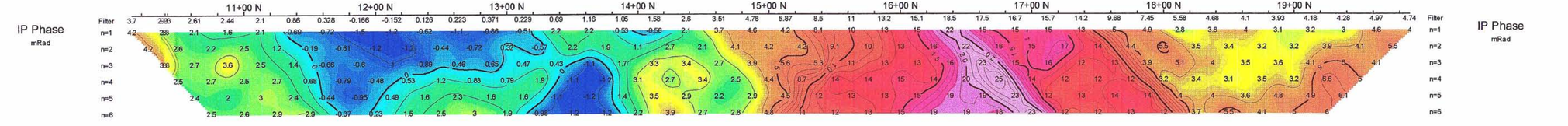
Interpretation: P.BOILEAU V-5 RX

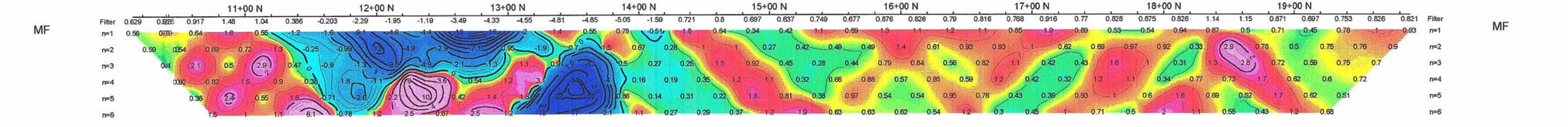
REMY BELANGER (ENT. GEOPHYSICS)

Geosoft Software for the Earth Sciences



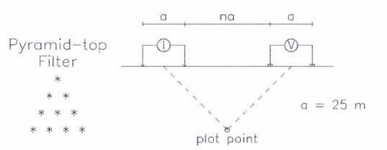






Pseudo Section Plot
32+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

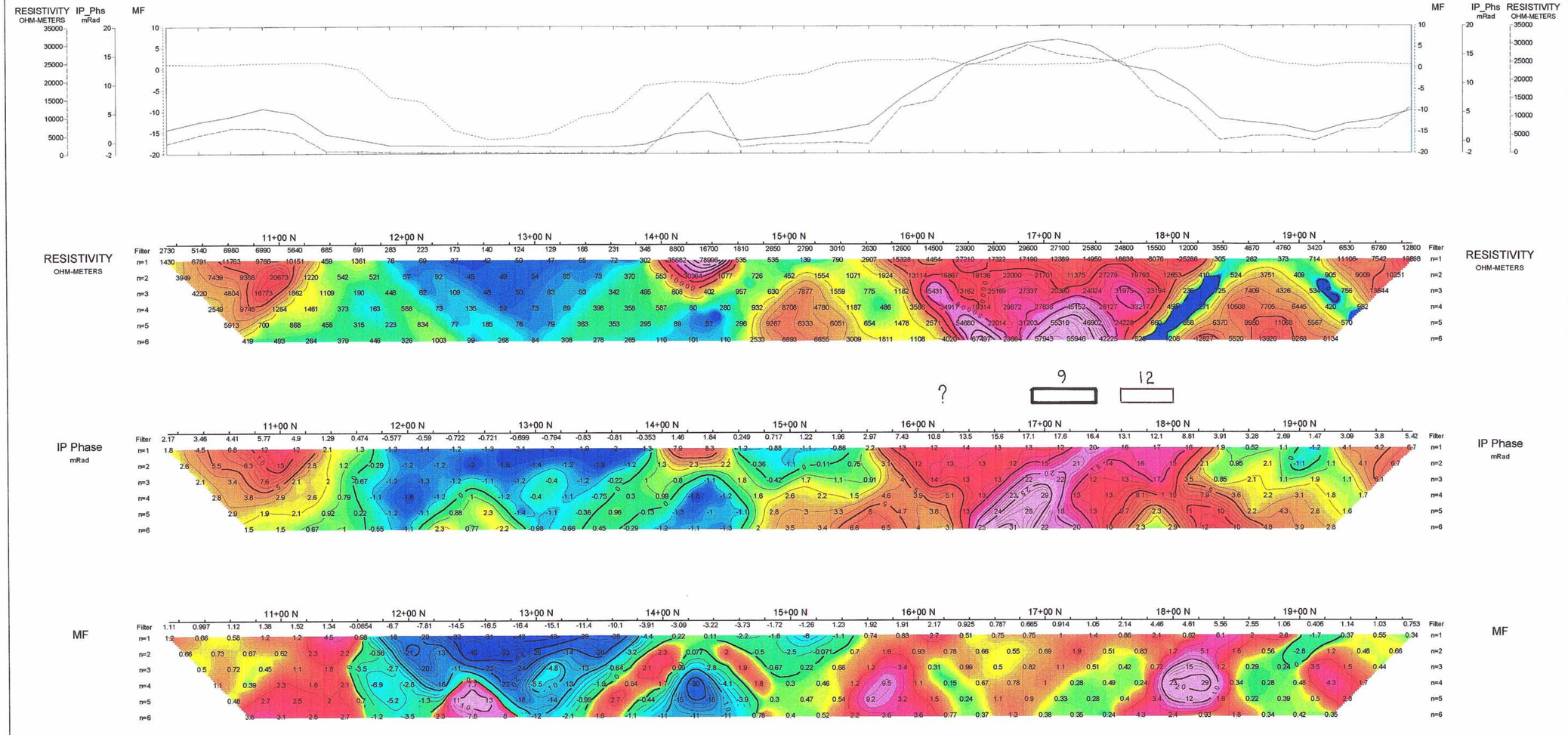
TECK TWP. , ONTARIO

Date: 02/01/2005

Interpretation: P.BOILEAU V-5 RX

REMY BELANGER (ENT. GEOPHYSICS)

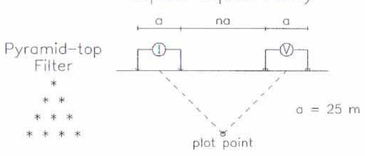
Geosoft Software for the Earth Sciences



Pseudo Section Plot

33+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

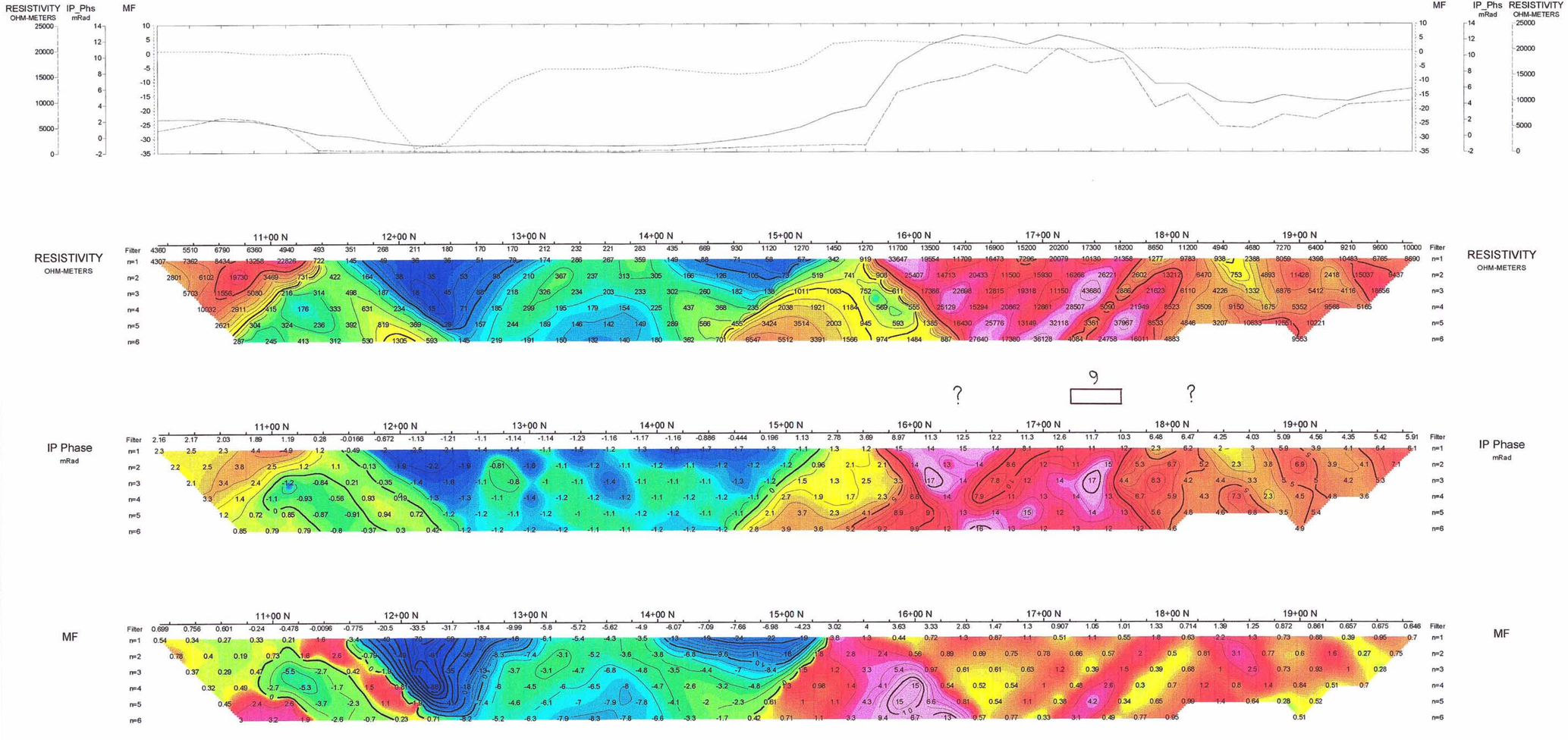
TECK TWP. , ONTARIO

Date: 02/01/2005

Interpretation: P.BOILEAU V-5 RX

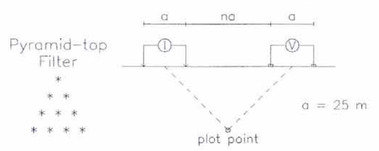
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Pseudo Section Plot
34+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

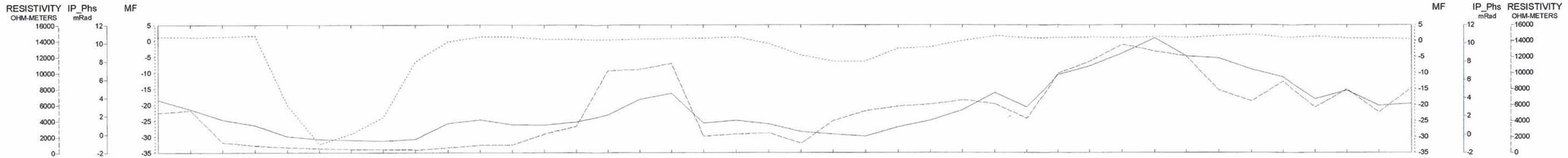
TECK TWP. , ONTARIO

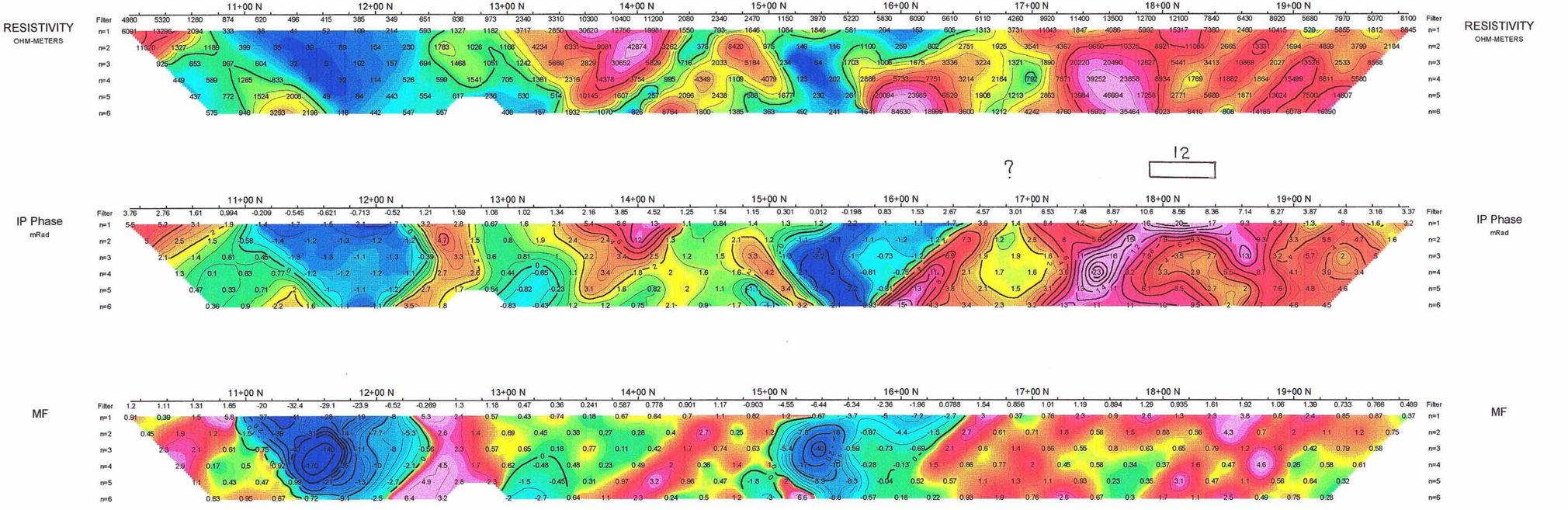
Date: 02/01/2005

Interpretation: P. BOILEAU V-5 RX

REMY BELANGER (ENT. GEOPHYSICS)

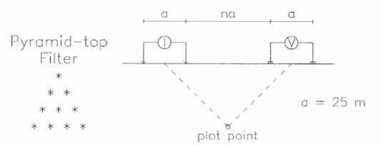
Geosoft Software for the Earth Sciences





Pseudo Section Plot
35+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

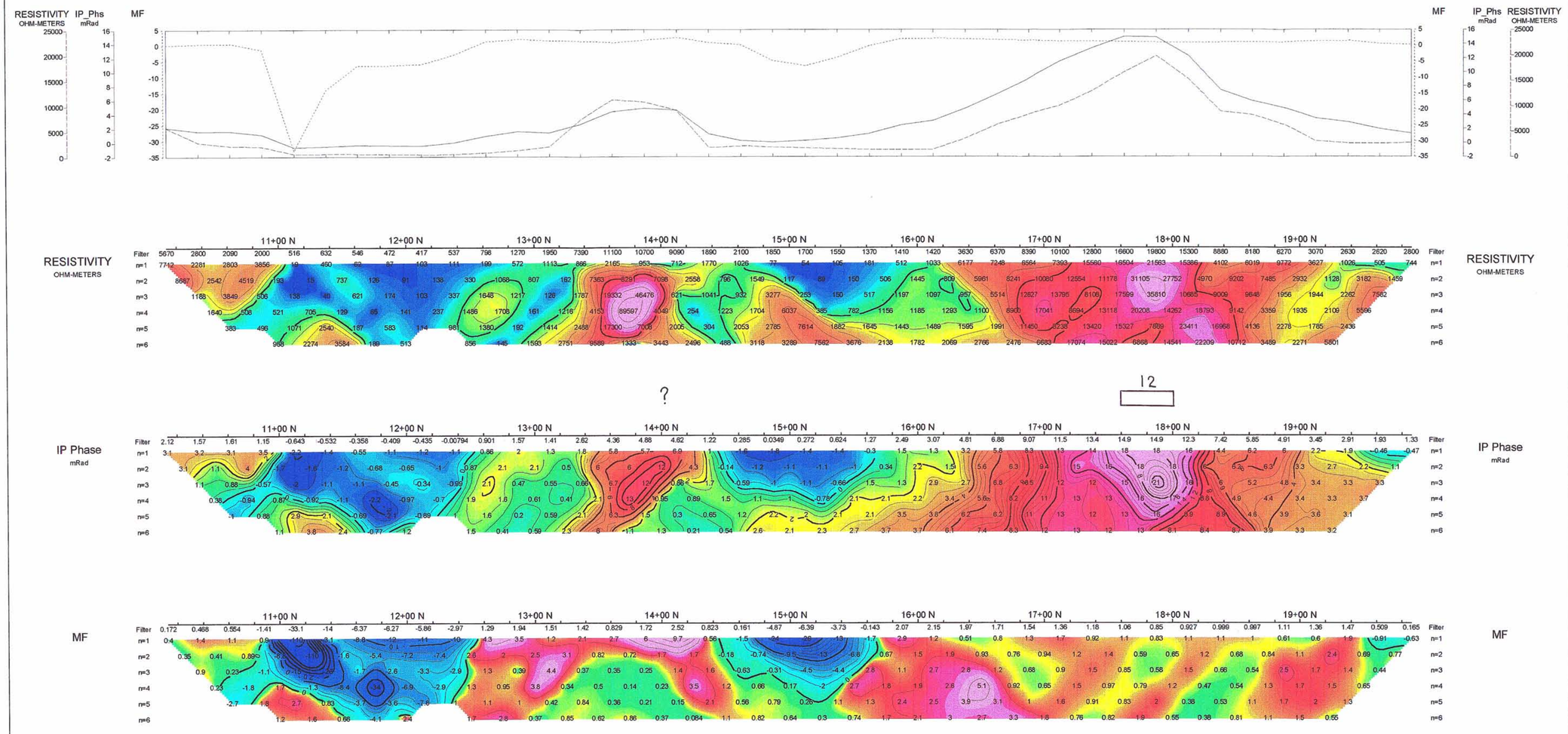
TECK TWP. , ONTARIO

Date: 02/01/2005

Interpretation: P.BOILEAU V-5 RX

REMY BELANGER (ENT. GEOPHYSICS)

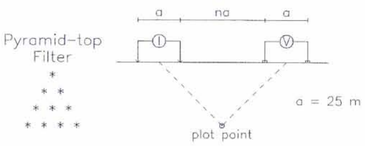
Geosoft Software for the Earth Sciences



Pseudo Section Plot

36+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

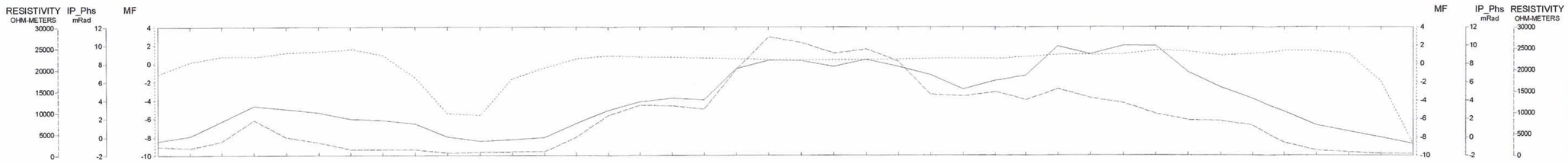
TECK TWP. , ONTARIO

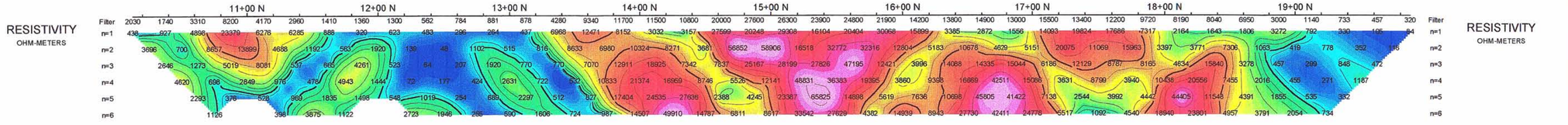
Date: 02/01/2005

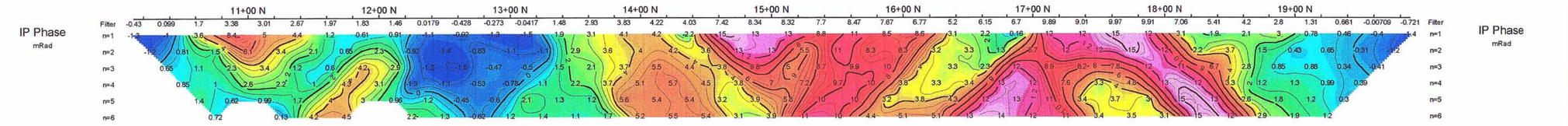
Interpretation: P.BOILEAU V-5 RX

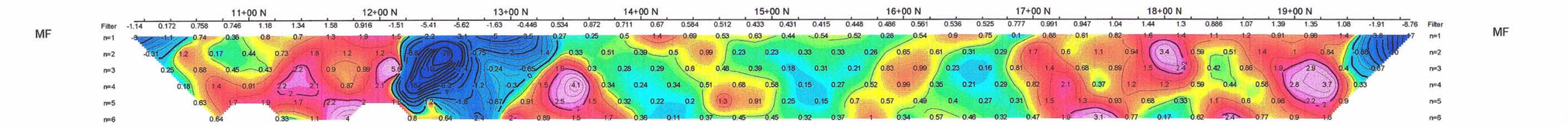
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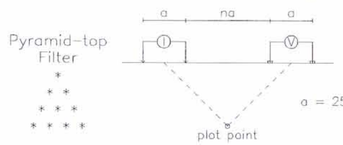




Pseudo Section Plot

37+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

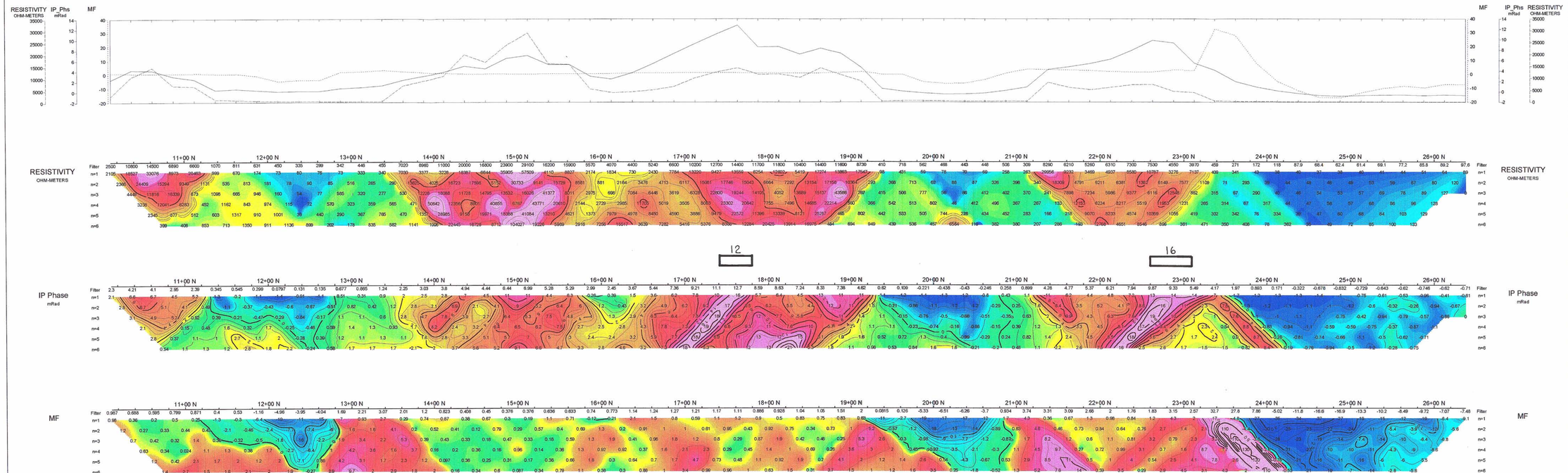
TECK TWP. , ONTARIO

Date: 02/01/2005

Interpretation: P.BOILEAU V-5 RX

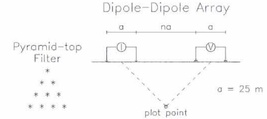
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Pseudo Section Plot
38+00 E

Dipole-Dipole Array



2.30324

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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150
meters

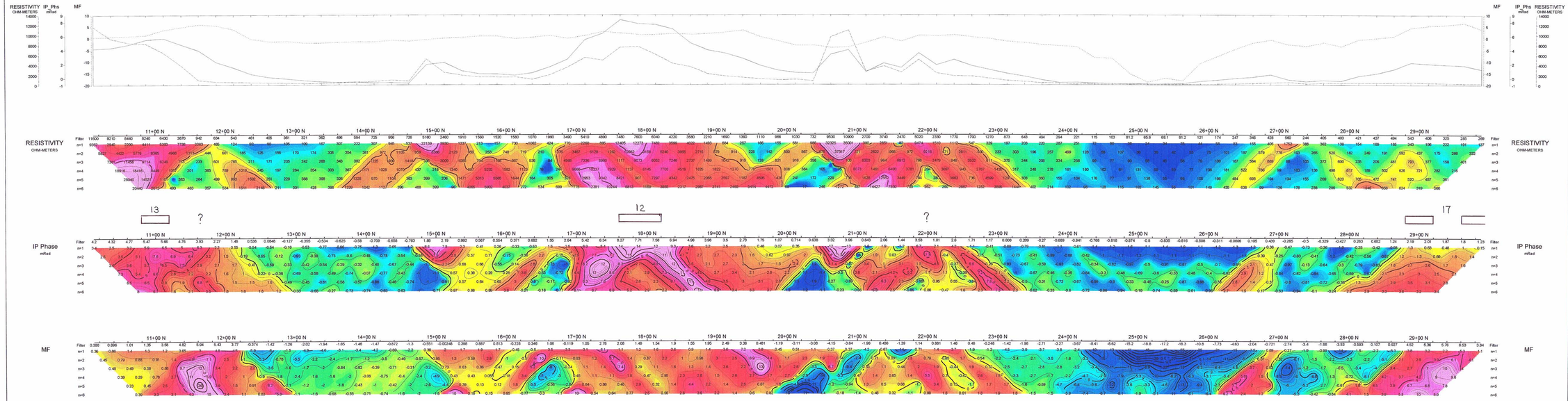
HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY
TECK PROJECT
TECK TWP. , ONTARIO

Date: 26/12/2004
Interpretation: P.BOILEAU V-5 RX

REMY BELANGER (ENT. GEOPHYSICS)

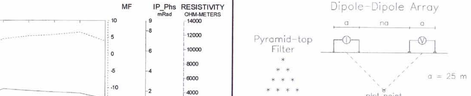
Geosoft Software for the Earth Sciences



Pseudo Section Plot

39+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

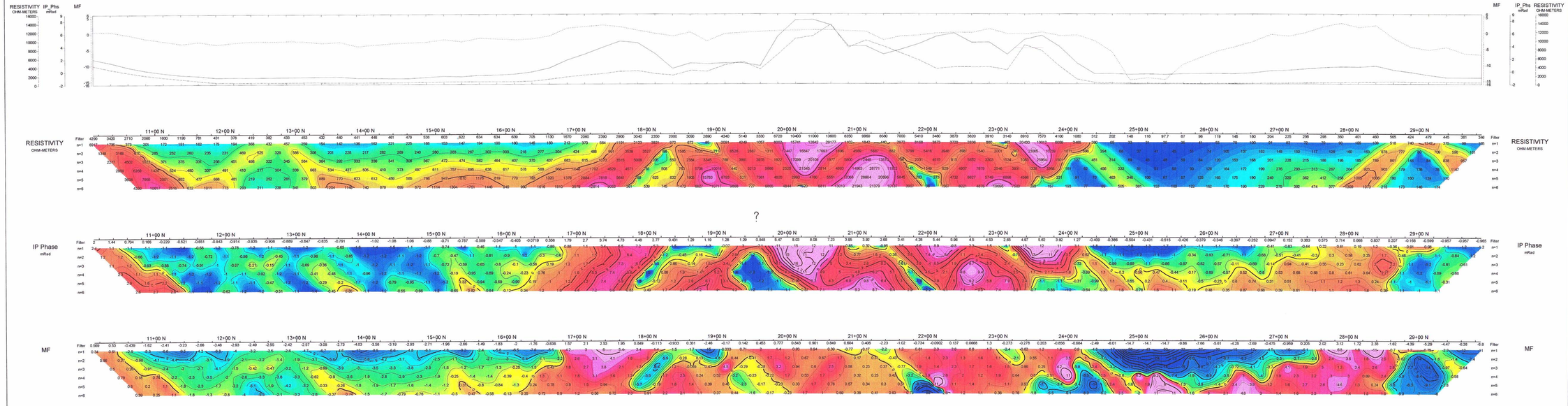
TECK TWP. , ONTARIO

Date: 22/12/2004

Interpretation: G. LAMBERT V-5 RX

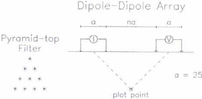
REMY BELANGER (ENT. GEOPHYSICS)

Geosoft Software for the Earth Sciences



Pseudo Section Plot
40+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150
meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

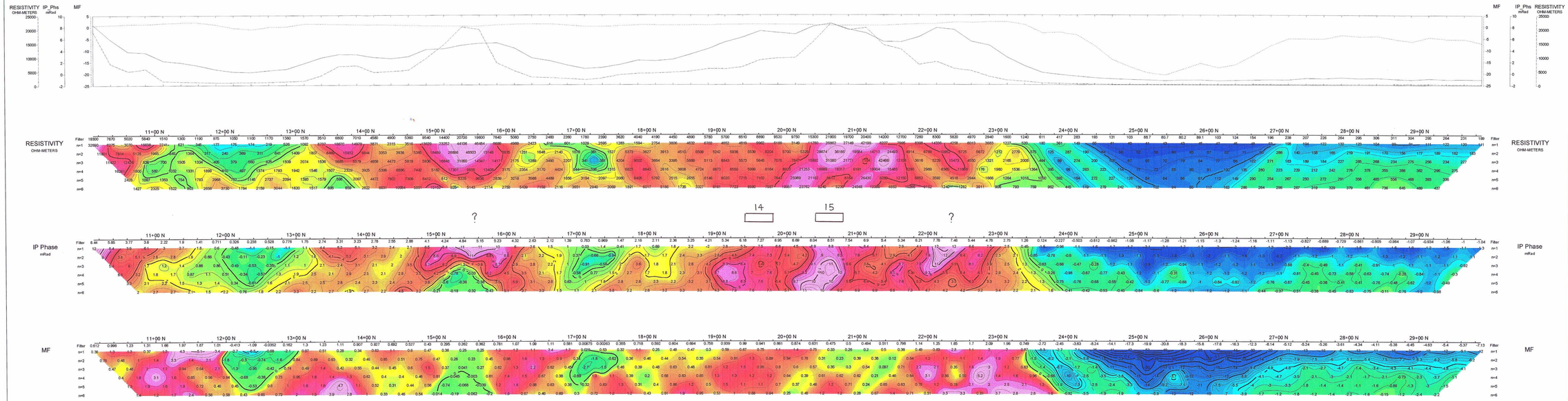
TECK TWP. , ONTARIO

Date: 22/12/2004

Interpretation: G. LAMBERT, V-5 RX

REMY BELANGER (ENT. GEOPHYSICS)

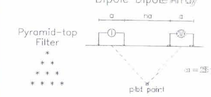
Geosoft Software for the Earth Sciences



Pseudo Section Plot

41+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150 meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

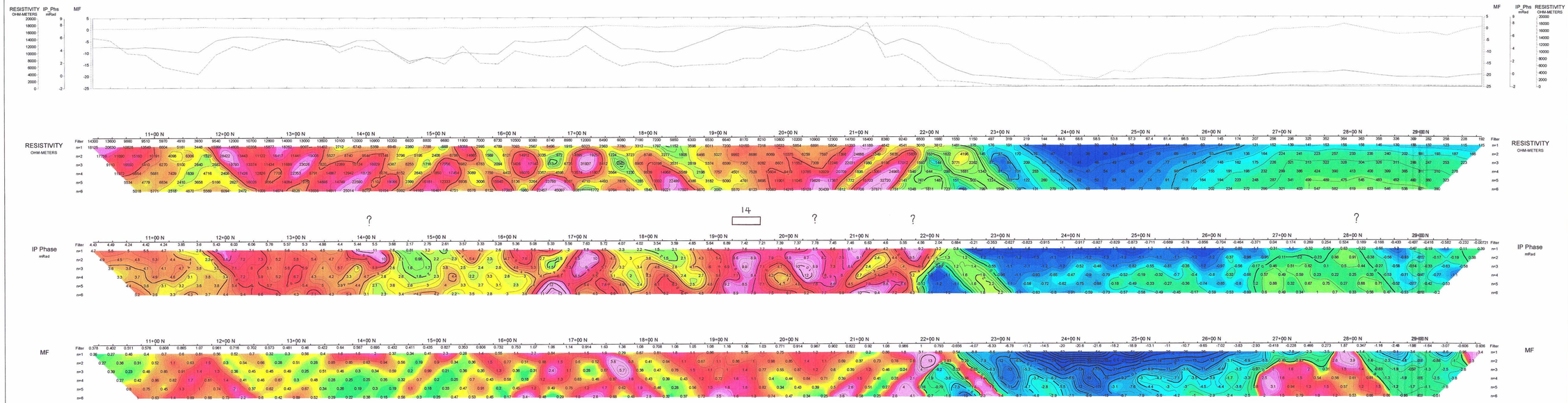
TECK TWP., ONTARIO

Date: 22/12/2014

Interpretation: S. LAMBERT

REMY BELANGER (ENT. GEOPHYSICS)

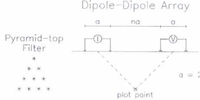
Geosoft Software for the Earth Sciences



Pseudo Section Plot

42+00 E

Dipole-Dipole Array



2.30324

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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150

meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY

TECK PROJECT

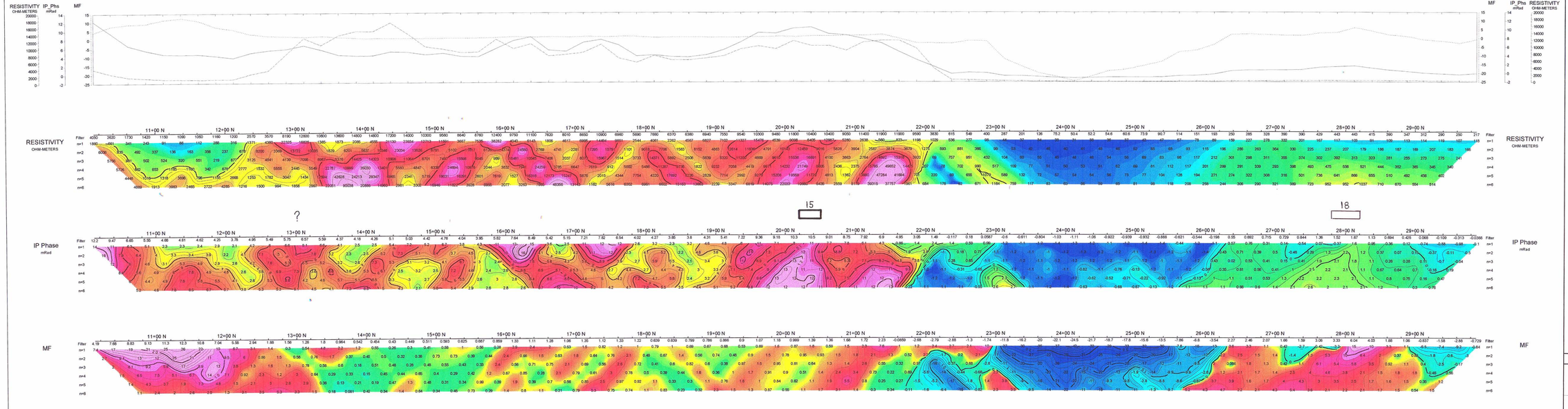
TECK TWP. , ONTARIO

Date: 21/12/2004

Interpretation: G. LAMBERT V-5 RX

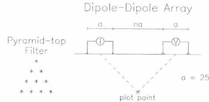
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Geosoft Software for the Earth Sciences



Pseudo Section Plot
43+00 E

Dipole-Dipole Array



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

INTERPRETATION

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

Scale 1:2500

25 0 25 50 75 100 125 150
meters

HINTERLAND METALS INC.

INDUCED POLARIZATION SURVEY
TECK PROJECT
TECK TWP. , ONTARIO

Date: 21/12/2004
Interpretation: G. LAMBERT V-S RX

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562600E 562800E 563000E 563200E 563400E 563600E 563800E 564000E 564200E 564400E 564600E 564800E 565000E 565200E

5331800N 5331600N 5331400N 5331200N 5331000N 5330800N 5330600N 5330400N 5330200N 5330000N 5329800N 5329600N 5329400N 5329200N 5329000N 5328800N 5328600N 5328400N 5328200N

Grenfell Twp

Teck Twp

L 4300 E L 4200 E L 4100 E L 4000 E L 3900 E L 3800 E L 3700 E L 3600 E L 3500 E L 3400 E L 3300 E L 3200 E L 3100 E L 3000 E L 2900 E L 2800 E L 2700 E L 2600 E L 2500 E L 2400 E L 2300 E L 2200 E L 2100 E L 2000 E L 1900 E L 1800 E L 1700 E L 1600 E L 1500 E L 1400 E L 1300 E L 1200 E L 1100 E L 1000 E

TL 3000 N TL 2000 N

BASELINE

17 18 16 15 14 12 13 11 10 9 8 7 6 5 4 3 2 1

L6811 L8629 L8628 L6784 L6810 L8528 L6785 L6449 L8163 L10581 L7772 L8166 L6896 L7216 L6900 L6600 L6598 L6597

3000425 3013746 3008035 3013745 3009737 3004560

Old trench Old trench Survey Pin Trench 04-01 Skidder Trail Flagged Boundary Flagged Boundary

971 917 864 822 785 759 728 700 674 654 631 608 586 569 548 527 507 491 471 457 432 412 396 376 355 334 317 295 272 249 229 203 174 118 81 38 −14 −69 −166

Total Field (nT)

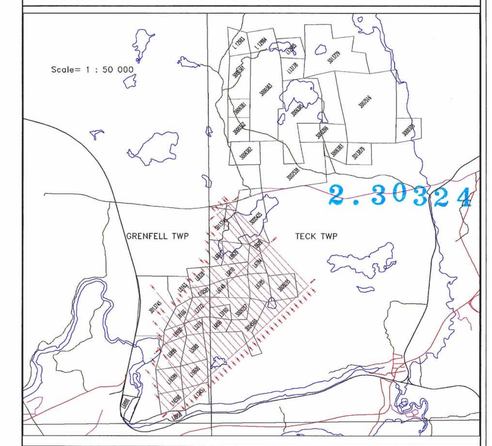
INTERPRETATION

- 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?
- IP anomalous zone

NB: Magnetic data from Ontario Airborne Geophysical Surveys Kirkland Lake – Larder Lake Area (Digital data set 1053b)

Scale 1 : 5 000

100 0 100 200 300 (metres)



UTM NAD 83 – Zone 17

HINTERLAND METALS INC.
TECK PROJECT – SW

AIRBORNE MAGNETIC SURVEY
TOTAL FIELD

Survey by: Fugro

Interpreted by : P. Boileau, Eng. geoph. Date: 02/2005

Scale 1 : 5 000 Map no. 1.1SW

562600E 562800E 563000E 563200E 563400E 563600E 563800E 564000E 564200E 564400E 564600E 564800E 565000E 565200E

5331800N 5331600N 5331400N 5331200N 5331000N 5330800N 5330600N 5330400N 5330200N 5330000N 5329800N 5329600N 5329400N 5329200N 5329000N 5328800N 5328600N 5328400N 5328200N

Grenfell Twp

Teck Twp

L 4300 E L 4200 E L 4100 E L 4000 E L 3900 E L 3800 E L 3700 E L 3600 E L 3500 E L 3400 E L 3300 E L 3200 E L 3100 E L 3000 E L 2900 E L 2800 E L 2700 E L 2600 E L 2500 E L 2400 E L 2300 E L 2200 E L 2100 E L 2000 E L 1900 E L 1800 E L 1700 E L 1600 E L 1500 E L 1400 E L 1300 E L 1200 E L 1100 E L 1000 E L 900 E L 800 E

TL 3000 N TL 2000 N

BASELINE

3000425 3013746 3008035 3013745 3009237 3014561

L10581 L10772 L10896 L10900 L10889 L10891 L10888

L8629 L8811 L8784 L8810 L8328 L8163 L8166 L8149 L8795 L8606 L6900 L6600

Old trench Survey Pin Trench 04-01 Skidder Trail Fagnan Boundary Fagnan Boundary

18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

0.05 0.04 0.04 0.04 0.03 0.03 0.03 0.02 0.02 0.02 0.02 0.01 0.01 0.01 0.01 0.01 0.00 0.00 0.00 -0.00 -0.00 -0.01 -0.01 -0.01 -0.01 -0.01 -0.02 -0.02 -0.02 -0.02 -0.03 -0.03 -0.04 -0.04 -0.04 -0.05 -0.06

Vertical Gradient
(nT/m)

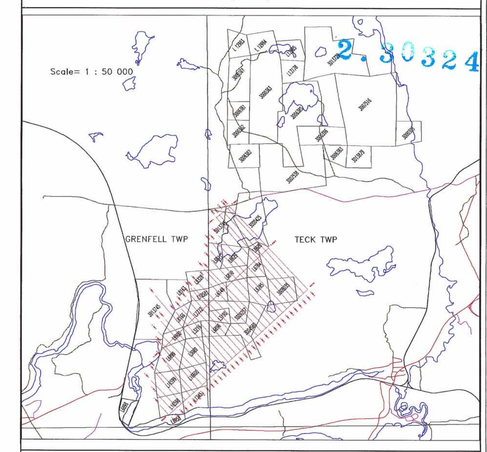
INTERPRETATION

- 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?
- IP anomalous zone

NB: Magnetic data from Ontario Airborne Geophysical Surveys
Kirkland Lake – Larder Lake Area (Digital data set 1053b)

Scale 1 : 5 000

100 0 100 200 300
(metres)



2.30324

UTM NAD 83 – Zone 17

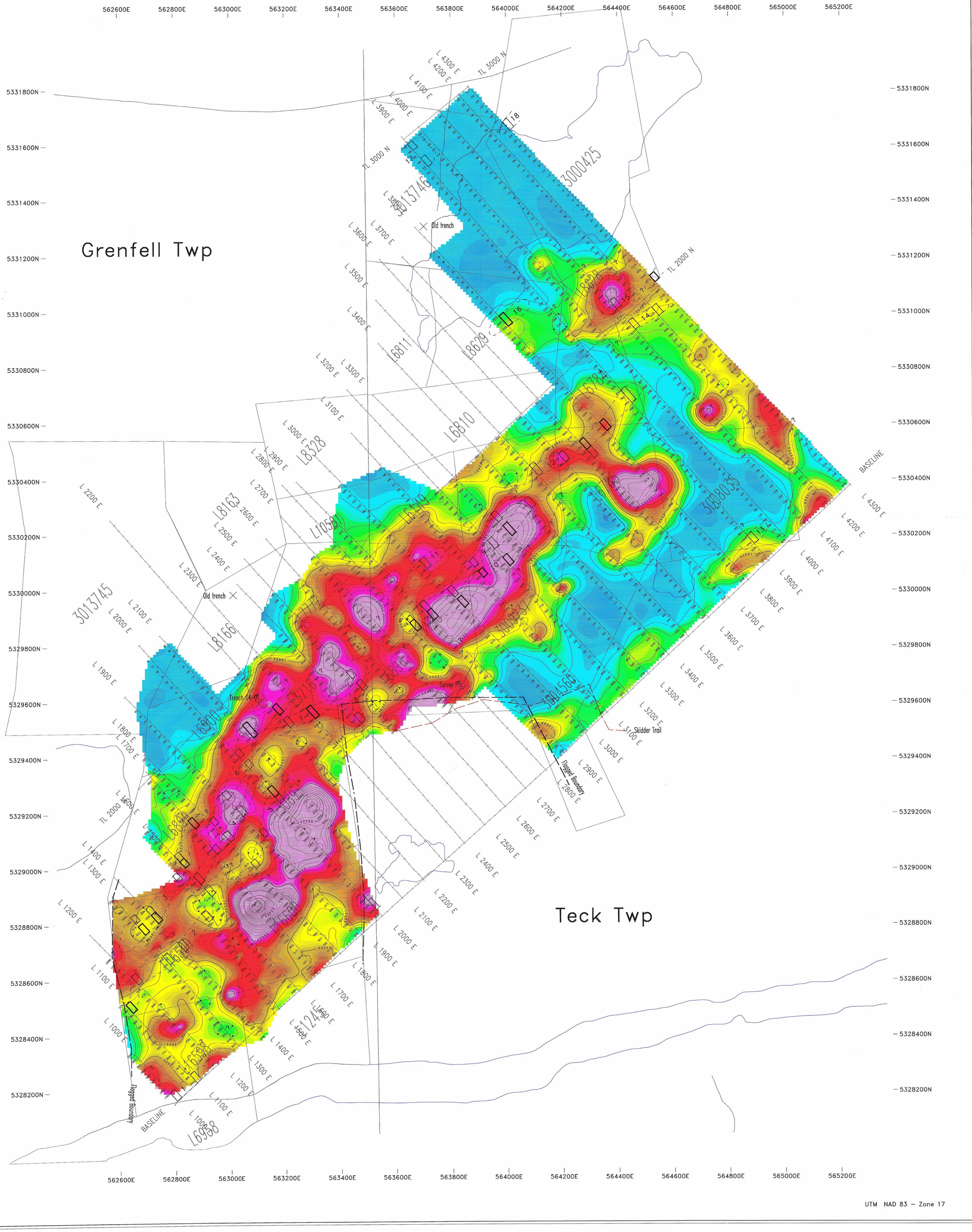
HINTERLAND METALS INC.
TECK PROJECT – SW

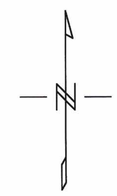
AIRBORNE MAGNETIC SURVEY
VERTICAL GRADIENT

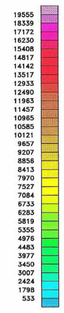
Survey by: Fugro

Interpreted by : P. Boileau, Eng. geoph. Date: 02/2005

Scale 1 : 5 000 Map no. 1.2SW







LEGEND

CONTOUR INTERVAL (Ohm.m)

Linear Contours

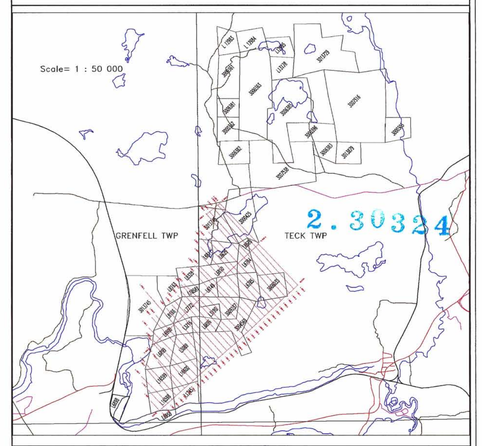
2000
10000

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?
- IP anomalous zone

Scale 1 : 5 000

100 0 100 200 300
(metres)



HINTERLAND METALS INC.
TECK PROJECT – SW

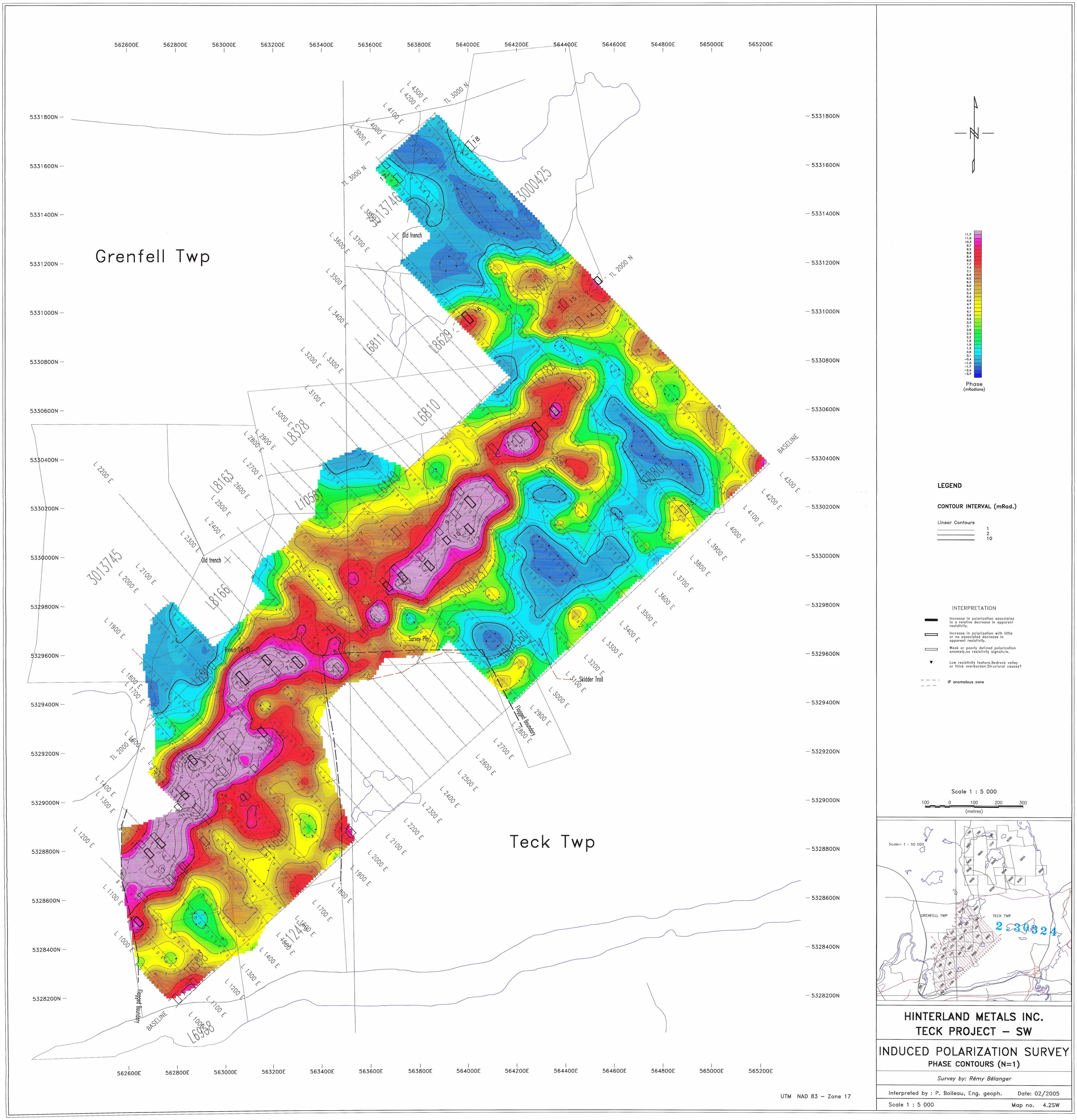
INDUCED POLARIZATION SURVEY
RESISTIVITY CONTOURS (FILTER)

Survey by: Rémy Bélanger

Interpreted by : P. Boileau, Eng. geoph. Date: 02/2005

Scale 1 : 5 000 Map no. 4.1SW

UTM NAD 83 – Zone 17


Grenfell Twp
Teck Twp
Old trench
Survey Pin
Skidder Trail
Flagged Boundary
Trench 04-01
BASELINE
TL 3000 N
TL 2000 N
Phase (mRadians)
LEGEND
CONTOUR INTERVAL (mRad.)
Linear Contours
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?
IP anomalous zone
Scale 1 : 5 000
(metres)
Scale 1 : 50 000
GRENFELL TWP
TECK TWP
2.30324
HINTERLAND METALS INC.
TECK PROJECT – SW
INDUCED POLARIZATION SURVEY
PHASE CONTOURS (N=1)
Survey by: Rémy Bélanger
Interpreted by : P. Boileau, Eng. geoph.
Date: 02/2005
Scale 1 : 5 000
Map no. 4.2SW
UTM NAD 83 – Zone 17

562600E 562800E 563000E 563200E 563400E 563600E 563800E 564000E 564200E 564400E 564600E 564800E 565000E 565200E

5331800N 5331600N 5331400N 5331200N 5331000N 5330800N 5330600N 5330400N 5330200N 5330000N 5329800N 5329600N 5329400N 5329200N 5329000N 5328800N 5328600N 5328400N 5328200N

Grenfell Twp

Teck Twp

L 4300 E L 4200 E L 4100 E L 4000 E L 3900 E L 3800 E L 3700 E L 3600 E L 3500 E L 3400 E L 3300 E L 3200 E L 3100 E L 3000 E L 2900 E L 2800 E L 2700 E L 2600 E L 2500 E L 2400 E L 2300 E L 2200 E L 2100 E L 2000 E L 1900 E L 1800 E L 1700 E L 1600 E L 1500 E L 1400 E L 1300 E L 1200 E L 1100 E L 1000 E

TL 3000 N TL 2000 N BASELINE

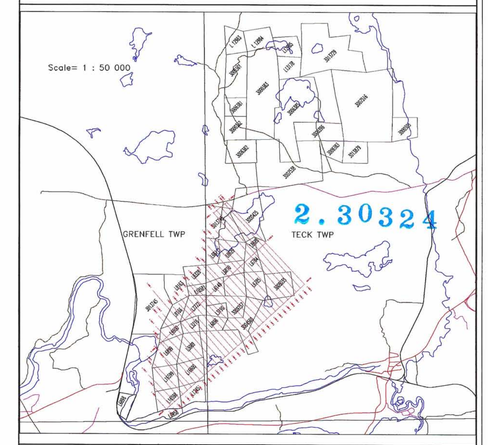
3013746 3000425 3013745 3008035 3009237 3004560

L6811 L8629 L6784 L6810 L8328 L6785 L6149 L10581 L8163 L7772 L3190 L8166 L6896 L3216 L6900 L3089 L6899 L16600 L16599 L16598 L1241 L6958

Old trench Old trench Trench 04-01 Survey Pin Skidder Trail Flagged Boundary Flagged Boundary

Scale 1 : 5 000

100 0 100 200 300 (metres)



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TECK PROJECT – SW

PROPERTY BASE MAP

UTM NAD 83 – Zone 17

Interpreted by : Date: 02/2005

Scale 1 : 5 000 Map no. 5.0SW