

RECEIVED
JUL 26 2004
GEO SCIENCE ASSESSMENT
OFFICE

2.28167

LOGISTICS AND INTERPRETATION REPORT ON A
RESISTIVITY/INDUCED POLARIZATION SURVEY
AT THE WHITE RIVER PROPERTY
BROTHERS TOWNSHIP,
ONTARIO, CANADA
SUBMITTED TO
TECK COMINCO LIMITED EXPLORATION
03-N703 APRIL 2003



42C12NW2009 2.28167

BROTHERS

010



*Consultation et levés géophysiques au sol et en forage
Surface & Borehole Geophysical Surveys and Consulting*

LOGISTICS AND INTERPRETATION REPORT ON A
RESISTIVITY/INDUCED POLARIZATION SURVEY
AT THE WHITE RIVER PROPERTY
BROTHERS TOWNSHIP,
ONTARIO, CANADA
SUBMITTED TO
TECK COMINCO LIMITED EXPLORATION
03-N703 APRIL 2003

28167



TABLE OF CONTENTS

ABSTRACT	II
1. THE MANDATE.....	1
2. THE WHITE RIVER PROPERTY	2
3. RESISTIVITY / INDUCED POLARIZATION SURVEY	4
4. DATA PROCESSING AND SUPPLIED PRODUCTS	7
5. RESULTS AND INTERPRETATION	9

LIST OF FIGURES

GENERAL LOCATION OF THE WHITE RIVER PROPERTY	1
LOCATION OF THE SURVEY GRID.....	3
IMAGE 2D DEMO ON SYNTHETIC DATASETS.....	8
PROPOSED DDH ON ANOMALY WR-8	10
PROPOSED DDH ON ANOMALY WR-9	10
PROPOSED DDH ON ANOMALY WR-1	11
PROPOSED DDH ON ANOMALY WR-4	11

APPENDIX

DESCRIPTION OF THE IP ANOMALIES AT WHITE RIVER	APPENDIX A
--	------------

ABSTRACT

This geophysical campaign is part of an ongoing precious and base metals exploration program by Teck Cominco Limited Exploration on part of their White River property located in the Hemlo Mine area in north-western Ontario.

A time domain resistivity / IP survey (35.7 km of pole-dipole, $a = 50$ m, $n = 1$ to 6) was carried out in March 2003. Survey specifications, instrumentation control, data acquisition, processing and interpretation were all successfully performed within our quality system framework.

Sixteen (16) IP anomalies were identified. Conductive and discordant with the dominant trend, WR-8 is the most attractive focus for drilling. Three second priority DDH targets are also recommended: WR-1, WR-4 and WR-9. Anomalies WR-2 and WR-12 warrant prospecting (and trenching) whereas a survey extension would be required to upgrade or downgrade anomalies WR-14, 16 and 3.



1. THE MANDATE

PROJECT ID

White River
(Our reference: 03-N703)

GENERAL LOCATION

Hemlo Mine area, Ontario, Canada

CUSTOMER

Teck Cominco Limited Exploration
P.O. Box 938, Station Main
Kamloops, BC V2C 5N4
Tel.: (250) 372-0032

REPRESENTATIVE

Mr. Jari Paakki
Project Geologist
jpaakki.tecke@sympatico.ca

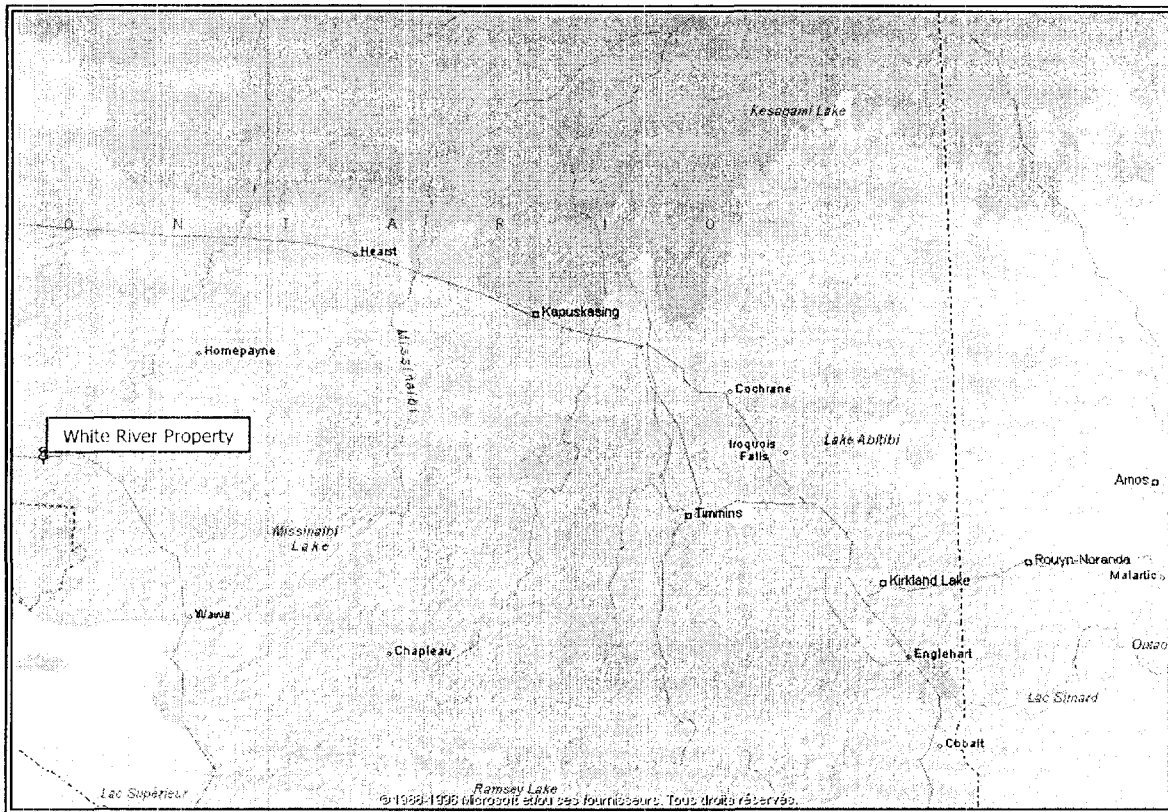
Mr. Tracy Campbell
Geophysicist
tracy.campbell@teckcominco.com

SURVEY TYPE

Resistivity / Induced polarization

GEOPHYSICAL OBJECTIVES

Geological mapping and identification of DDH targets for base metals and gold exploration.





2. THE WHITE RIVER PROPERTY

- LOCATION* Brothers Township,
Hemlo Mine area, Ontario
Centred on 48° 41' N and 85°48 W
NTS map number: 42C/12

- NEAREST SETTLEMENT* Marathon: 50 km west
White River: 40 km east

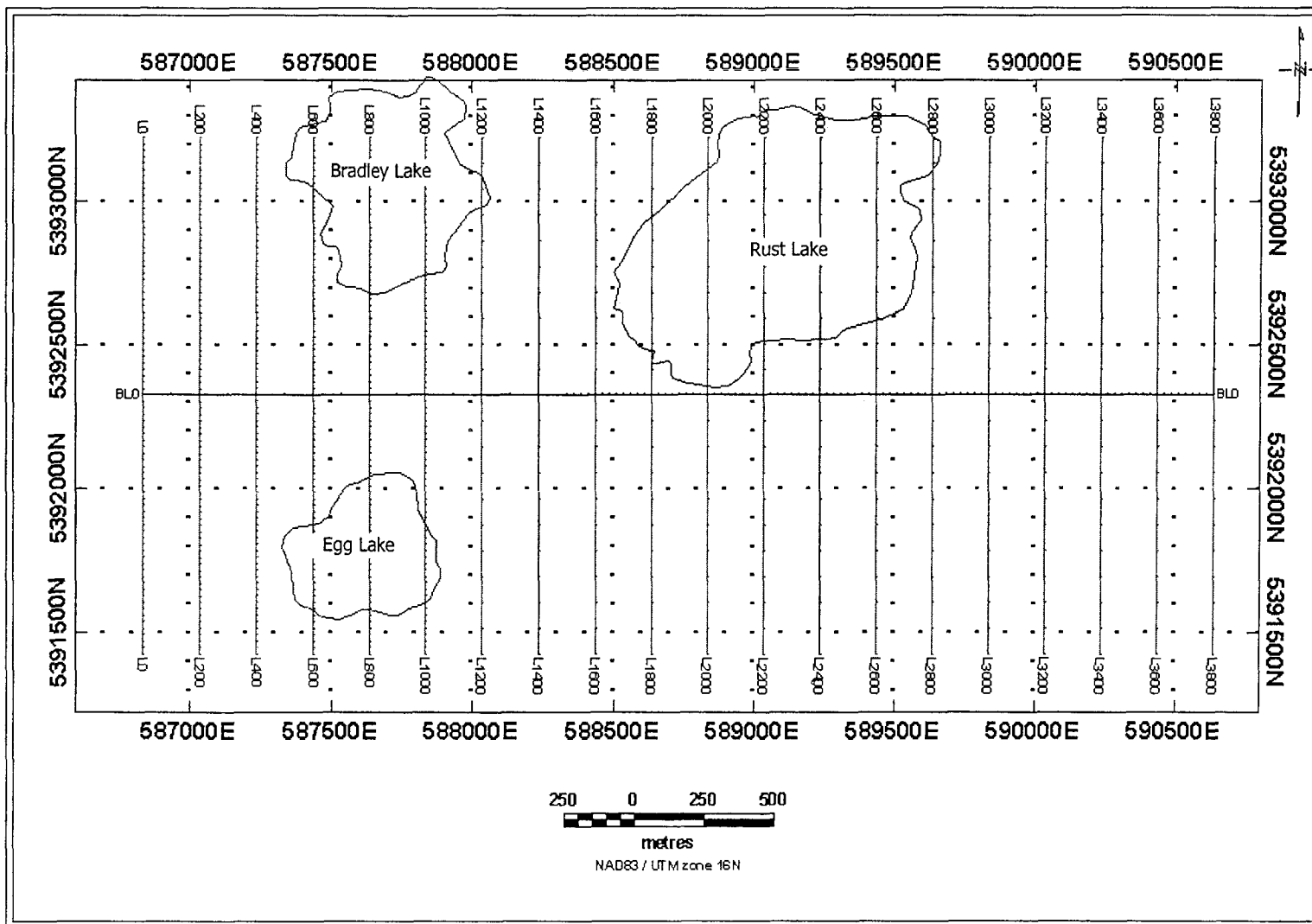
- ACCESS* From White River, take the Trans-Canada Highway westbound for 20 km. Then 2 km pass road 614 leading to Manitouwadge, take the Hemlo Mine tailings dam road to the south. Further access is provided by numerous winter logging roads leading to the survey grid.

- GEOMORPHOLOGY* Three small lakes (Bradley, Egg and Rust, elevation \pm 317 m), are located at the center of the grid. A hill, where the rock is outcropping, is located in the north-east corner of the grid (elevation 382 m).

- CULTURAL FEATURES* A railroad meanders along the northern boundary of the property. Low resistivity values and negative chargeabilities witness its presence at the northern end of the lines 0+00E and 2+00E.

- SURVEY GRID* Base line 0+00N strikes at 090°. The grid is comprised of 20 survey lines numbered from 0+00E to 38+00E (every 200 m).

- COORDINATE SYSTEM* Universal Transverse Mercator (UTM)
North American Datum 1983
Zone 16 North

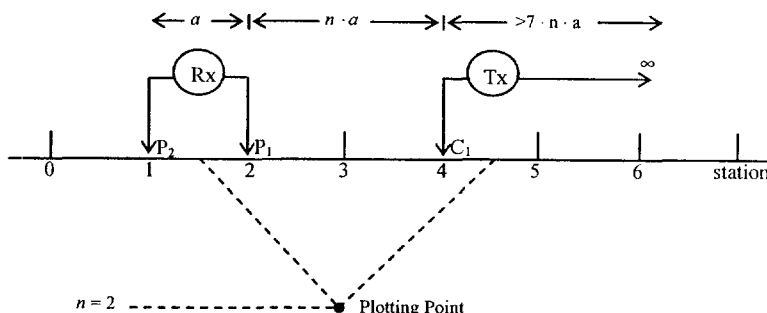


LOCATION OF THE SURVEY GRID AT WHITE RIVER

3. RESISTIVITY / INDUCED POLARIZATION SURVEY

TYPE OF SURVEY

Spectral Time Domain Resistivity /Induced Polarization
Pole-Dipole array, "a" = 50 m, "n" = 1 to 6



PERSONNEL

Paul Melançon: Crew chief
Marcel Naud: Field assistant
Karlo Lapratte: Field assistant
G rard Prince: Field assistant
Martin Dubois: Geologist, fieldwork supervision
Annie Lacasse: B.SC., data processing and plotting
Pierre B rubb : Eng., QC & interpretation

SURVEY COVERAGE

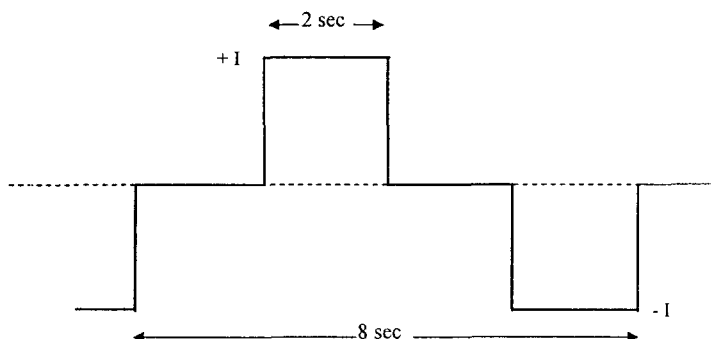
35.7 line-km
 L-30+00E and 1/2 N of L-38+00E were not surveyed due to weather conditions.

SURVEY PERIOD

March 4 to 23, 2003

IP TRANSMITTER (TX)

GDD Instruments **TxII**, s/n 206
 Power supply: Kodiak 1 800 W Motor Generator
 Maximum output: up to 1.4 kW or **10 A** or 2000 V
 Electrodes: stainless steel stakes
 Resolution: 1mA on output current
 Waveform: bipolar square wave at 50% duty cycle
 Pulse duration: 2 seconds



□ *IP RECEIVER (Rx)*

IRIS **Elrec-10**, s/n 104 (10 input channels)

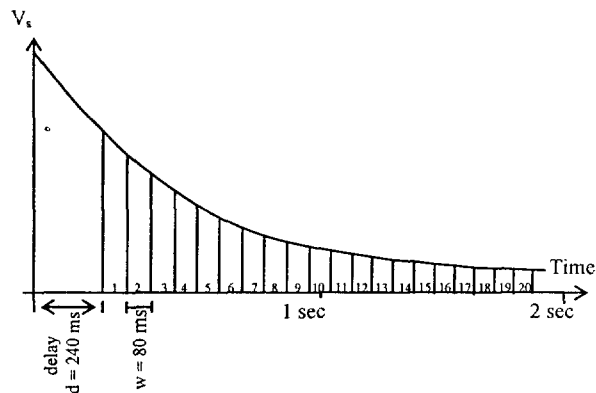
Electrodes: stainless steel stakes

V_p Primary voltage measurement:

- ◇ Input impedance: 10 MΩ
- ◇ Resolution: 0.001 mV
- ◇ Typical accuracy: **0.3%**

M_a Apparent chargeability measurement:

- ◇ Resolution: 0.1 mV/V
- ◇ Typical accuracy: **0.6%**
- ◇ Arithmetic sampling mode, 20 time slices (M₁ to M₂₀)



- ◇ All windows are normalized with respect to a standard decay curve for QC in the field.

□ *APPARENT RESISTIVITY CALCULATION*

Pole-dipole:

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

Cumulative error: **5% max**, mainly due to chaining accuracy



☐ *QUALITY CONTROL RECORDS*
(Available upon request)

Before the survey:

- ✓ Transmitter & motor generator were checked for maximum output using Abitibi Geophysics' calibrated loads.
- ✓ Receiver was checked using the Abitibi Geophysics SIMP™ certified and calibrated V_p & M signal simulator.

During data acquisition:

- ✓ Rx & Tx cable insulation was verified every morning.
- ✓ Output current was always sufficient (average was **900 mA**, minimum 30 mA in outcropping areas).
- ✓ Contact resistance at Rx was always acceptable (average was **1 K Ω** , but 50 K Ω in outcropping areas).
- ✓ Enough pulses were stacked: 6 pulses for every reading

At the Base of Operations:

- ✓ Field QCs were inspected & validated
- ✓ Following the choice of a non-standard gate definition by the customer, the IP decay curves could not be analyzed with *Refusilo*™ to see if they fit a pure electrode polarization relaxation curve.



4. DATA PROCESSING AND SUPPLIED PRODUCTS

TRUE-DEPTH IP SECTIONS

Apparent resistivity and chargeability pseudosections were inverted using our proprietary *image2D™* package. The process is fully automated as there is no need to guess a starting model or to filter the pseudosection to generate one. The ground is divided in cells of $\frac{1}{4}$ side and a backprojection of the raw data is performed.

The result is a smooth earth model showing all conductive, resistive and polarizable sources. The resulting true-depth sections integrate all possible solutions, highlighting the most probable ones.

A synthetic example showing the ability of *image2D™* to resolve sources and to facilitate the location of DDH is presented on the next page.

PRECISIONS CONCERNING IMAGE2D™

Imaging cannot create information that is not in the raw data set (pseudosections), i.e., the limitations of the technique and array used will still prevail. With dipole-dipole, for instance, resolution at depth is poor and subhorizontal structures will be difficult to resolve. However, noise is efficiently rejected, near-surface effects are easily identified and complex responses, such as two adjoining sources, a wide body or a dipping geological contact, are well resolved.

This imaging process will not recover intrinsic resistivities unless the source is very wide. However, as opposed to pseudosections, geological data from drillholes may be superimposed on *image2D™* True-depth sections.

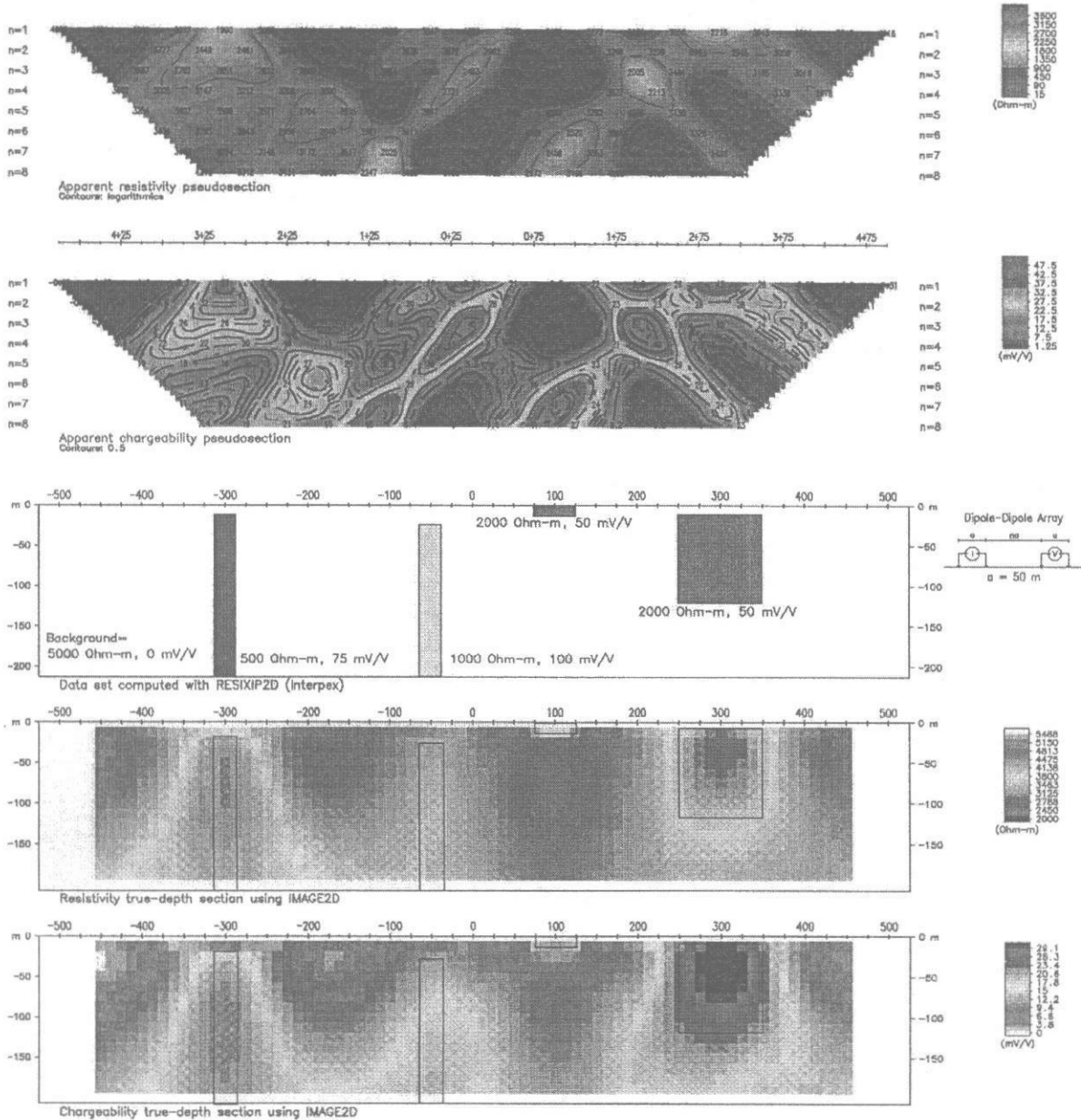
MAPS SUPPLIED

The following colour maps are included at the end of this report or inserted into a pouch. Our Quality System requires that every final map be inspected by at least two qualified persons before being approved and included within a final report.

Map Number	Description	Scale
L-0+00E to L-38+00E	Colour Apparent Resistivity & Chargeability Pseudosections and <i>image2D™</i> True-depth Sections with magnetic profiles and Interpretation (19 plates bounded at the end of this report)	1 : 5,000
8.2	IP Survey- <i>image2D™</i> Resistivity at 75 m deep	1 : 10,000
8.3	IP Survey- <i>image2D™</i> Chargeability at 75 m deep	1 : 10,000
10	Geophysical Interpretation	1 : 10,000

image2DTM Demo on synthetic datasets

Top half of figure: classical apparent resistivity and chargeability pseudosections
 Centre of plate: the synthetic model that generates these pseudosections



Bottom half of figure: the reconstructed resistivity and chargeability true-depth sections after inversion of the pseudosections using *image2DTM*. The model is superimposed on these sections.



5. RESULTS AND INTERPRETATION

RESISTIVITY MAP

The *image2DTM* resistivity map at 63 m deep still strongly outlines the three lakes, showing the influence of the lake-bottom sediments. Many moderate to strong IP anomalies have been mapped over the lakes, indicating an effective investigation even under this conductive cover. The low resistivity trends are striking north-east or south-west, suggesting that discordant structural features are present on the grid.

Very strong resistivity highs ($> 10,000 \Omega\text{-m}$) are associated with the pebbly knobs seen in the field. These are possible sub-outcropping areas where prospecting over the geophysical or geological targets is clearly feasible during the summer season.

No formational conductor has been outlined on the property, although there could be a fault or major shear zone coincident with the resistivity low at the bottom of the Rust and Egg lakes.

CHARGEABILITY MAP

The bulk chargeability generally falls into the moderate to strong (30 mV/V) range which, apart from the lakes, is consistent with the thin overburden interpreted from the resistivity map. The lowest chargeabilities (2-4 mV/V) coincide with the very low resistivity zones at the lake bottoms, but still indicate a fairly good contribution from the bedrock underneath.

Sixteen (16) IP anomalies were interpreted and labelled from WR-1 to WR-16. Their location, signature (resistivity and chargeability contrasts) and ID appear on both the Geophysical Interpretation map and the pseudosection plates. Most are east-north-easterly trending but WR-8 and WR-11 are east-south-easterly trending. Anomaly WR-8 is even cross-cutting anomaly WR-9.

There are two major families of IP anomalies:

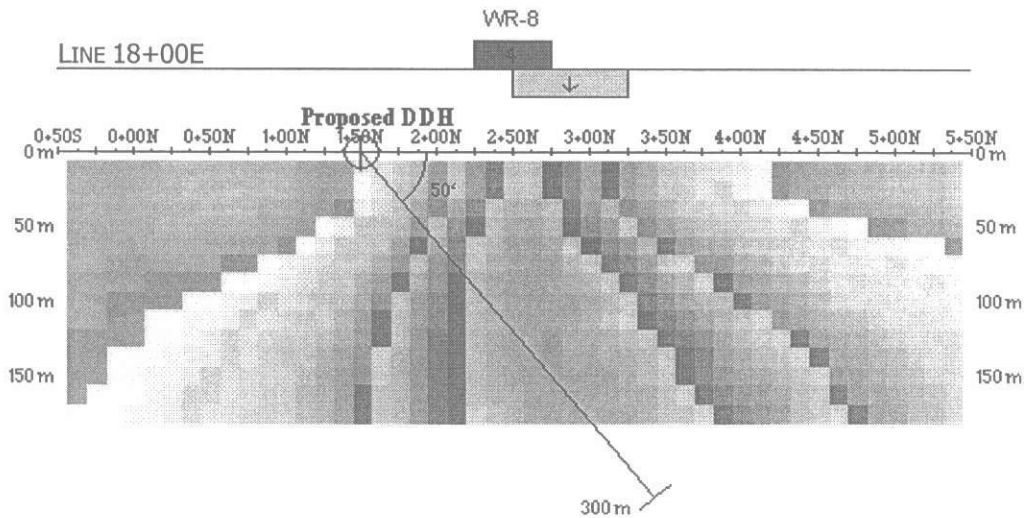
- those from a resistive source: WR-1, 2, 3, 4, 6, 7, 9 & 16;
- those from a conductive source: WR-8, 10, 14 & 15.

The remaining anomalies (WR-5, 11, 12 & 13) do not show any definite resistivity contrast.

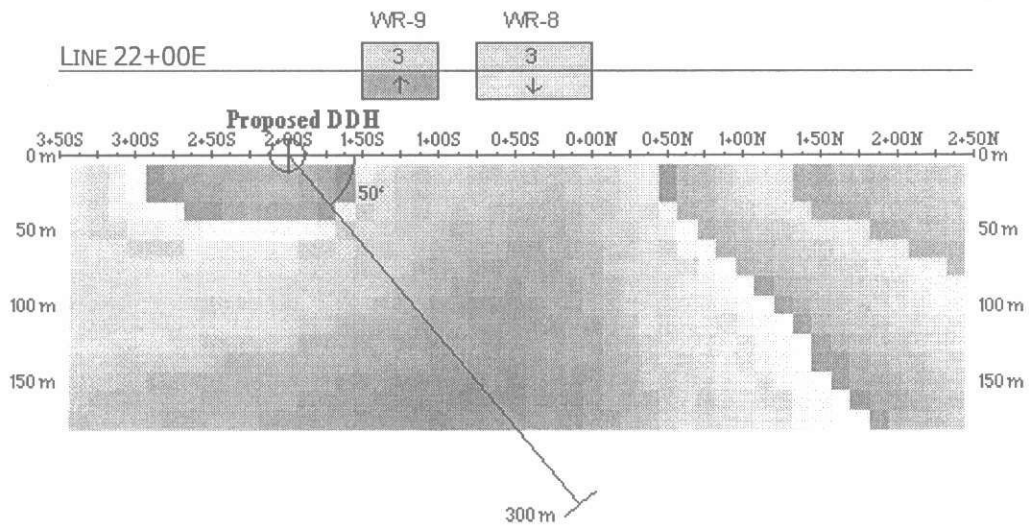
A complete description of these anomalies including the recommended follow-up is provided in Appendix A.

□ *DDH TARGETS*

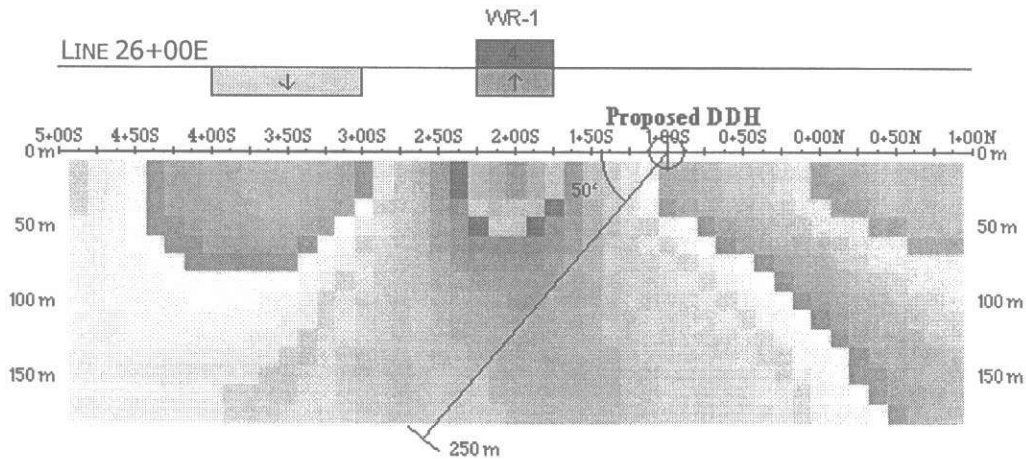
Anomaly WR-8 is the only first priority DDH target that emerges from the present IP coverage. The figure below shows a proposed test hole on L-18+00E. The anomaly is asymmetrical (pole-dipole). But because of the conductive nature of the source, there is no proof that the source is dipping south or north. We therefore recommend to collar the hole at 1+50N on the lakeshore to drill grid north at a dip of 50° for 300 m.



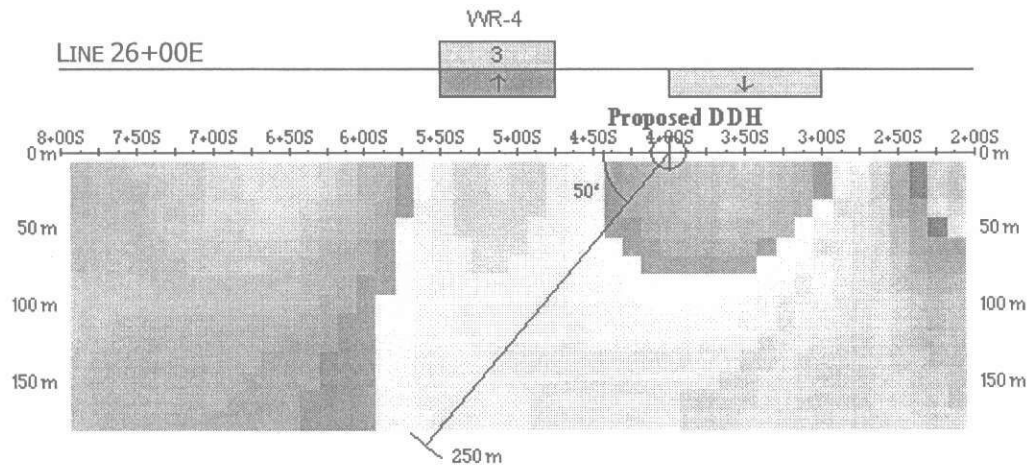
Anomaly WR-9 seems to cross-cut the above-described first priority anomaly. Unlike WR-8, its source is resistive. The following second priority DDH on L-22+00E should be drilled north for 300 m in order to intersect both WR-9 and WR-8.



Anomaly WR-1 stretches across the entire grid and is more than likely of formational source. However, its chargeability response is so strong that WR-1 merits further investigation. The source being not conductive and the anomaly large, we can safely expect a north dip as indicated on the True-depth chargeability section. The following second priority test hole is recommended on L-26+00E.



Anomaly WR-4 is another second priority DDH target similar in nature to WR-1. A test hole is recommended on the same section as WR-1



□ *PROSPECTING TARGETS*

Some sub-outcropping IP sources should be prospected and possibly trenched:

Anomaly	Line	Station	Priority
WR-2	4+00E	0+50N	3
WR-12	34+00E	3+75S	4



IP SURVEY EXTENSION

Some anomalies are poorly defined or located at the property limit. The results of an IP survey extension* could upgrade these anomalies as DDH prospects.

Anomalies	Lines to be surveyed	Priority
WR-14 & WR-16	38+00E & 40+00E	3
WR-3	1+00W & 2+00W	4

* *claim rights permitting*

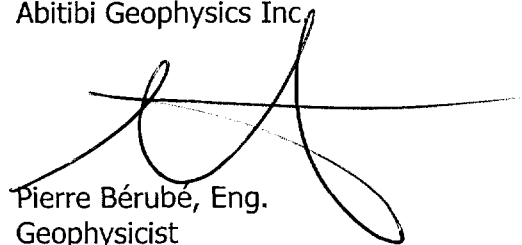
OTHER ANOMALIES

Pending drilling results of WR-8, anomalies WR-11 and WR-13 could also be drill-tested as they might represent the eastern extension of WR-8.

On the other hand, WR-5, 6, 7, 10 and 15 are targets with limited promise, hence further work is not envisaged for now.

The interpretation of the MAG and IP data subject of this report is essentially a geophysical appraisal of the White River Property project. As such, it incorporates only as much geo-scientific information as the author has on hand at the time. Geologists thoroughly familiar with the area are in a better position to evaluate the geological significance of the various geophysical signatures. Moreover, as time passes and information provided by follow-up programs are compiled, exploration targets recognised in this study might be down or up-graded.

Respectfully submitted,
Abitibi Geophysics Inc.



Pierre Bérubé, Eng.
Geophysicist

PB/da



Anomaly	Location		Contrast		Comments	Priority
	Line	Station	Charg.	Res. *		
WR-1	0+00E	7+00S	2	-	E-NE trending polarizable and resistive source. Stretches the entire extent of the grid. Qtz-carbonate veins with sulphides? May be formational. To be drill-tested at its apex on L-26+00E in second priority.	2
	2+00E	7+00S	1	-		
	4+00E	7+25S	1	↑		
	6+00E	6+50S	1	(↓)		
	8+00E	6+25S	1	-		
	10+00E	5+88S	1	-		
	12+00E	5+13S	2	↑		
	14+00E	5+63S	3	-		
	16+00E	5+13S	3	(↓)		
	18+00E	4+38S	3	(↓)		
	20+00E	4+00S	3	↑		
	22+00E	3+88S	2	↑		
	24+00E	3+38S	2	↑		
	26+00E	2+00S	4	↑		
	28+00E	0+75S	2	↑		
	32+00E	2+00N	3	↑		
	34+00E	4+00N	1	↑		
36+00E	5+50N	1	↑			
WR-2	0+00E	0+50S	?	↑	Poorly polarizable and resistive source south of Bradley Lake. Should be prospected on L-4+00E where it probably outcrops.	3
	2+00E	0+13N	1	-		
	4+00E	0+50N	1	↑↑		
	6+00E	0+13S	?	-		
	8+00E	0+88S	1	-		
	10+00E	1+00N	2	-		
WR-3	12+00E	4+00N	?	↑	Open-ended westward. May be related to WR-2. Survey extension recommended.	4
	0+00E	1+50N	1	↑		
WR-4	12+00E	8+75S	1	↑	Polarizable and resistive source lying 200 m south of WR-1. May also be formational. Should be drill-tested on the same section as WR-1 (L-26+00E).	2
	14+00E	8+00S	1	↓		
	16+00E	6+75S	1	↑		
	18+00E	6+38S	1	↑		
	20+00E	5+75S	1	↑		
	22+00E	6+13S	1	↑		
	24+00E	5+88S	2	↑		
	26+00E	5+13S	3	↑		
28+00E	5+00S	1	-			
WR-5	14+00E	3+00S	1	-	Weak and of limited strike extension. Likely to be abandoned.	5
WR-6	16+00E	1+00S	1	↑	Weak and of limited strike extension. Likely to be abandoned.	5
WR-7	16+00E	1+50N	1	↑	Weak and of limited strike extension. Likely to be abandoned.	5

Anomaly	Location		Contrast		Comments	Priority
	Line	Station	Charg.	Res. *		
WR-8	16+00E	4+13N	2	-	The only worthy conductive source on the property. Strikes WNW in accordance with the general trend of the other IP sources. First priority DDH recommended on L-18+00E.	1
	18+00E	2+50N	4	↓		
	20+00E	1+38N	3	↓		
	22+00E	0+38S	3	↓		
	24+00E	0+88S	4	↓		
WR-9	18+00E	3+25S	3	↑	Strongly polarizable and resistive source. Apparently cross cut WR-8 south of Rust Lake. Should be drill-tested on L-22+00E.	2
	20+00E	2+75S	3	↑		
	22+00E	1+25S	3	↑		
	24+00E	0+88N	3	↑		
WR-10	28+00E	7+00S	?	-	Probably not depth-extensive. Likely to be abandoned.	5
	32+00E	7+00S	2	↓		
WR-11	28+00E	3+75S	2	-	Could be the ESE extension of WR-8 (same orientation). Could be drill-tested pending results of the 1 st priority hole on WR-8.	3
	32+00E	5+00S	1	-		
	34+00E	6+00S	1	-		
WR-12	32+00E	3+75S	2	↓	Might represent the eastern extension of WR-4. To be prospected on L-34+00E.	4
	34+00E	3+75S	2	↑		
	36+00E	4+25S	1	-		
	38+00E	5+25S	?	-		
WR-13	32+00E	2+50S	3	-	May also represent the eastern extension of WR-8. If drilling of WR-8 delivers encouraging results, drill-testing of WR-13 would be warranted.	3
	34+00E	2+75S	2	-		
	36+00E	2+50S	1	-		
WR-14	34+00E	0+50N	3	-	Open eastward. Survey extension recommended.	3
	36+00E	1+25N	2	↓		
WR-15	34+00E	2+25N	1	↓	Limited strike length. Likely to be abandoned.	5
WR-16	36+00E	2+25N	3	↑	Open eastward. Survey extension recommended.	3

* Symbols in brackets denote an indirect association.

LEGEND:	Chargeability	Resistivity
	Increase	Increase
	? = Marginal	↑ = Resistive
	1 = Weak	↑↑ = Very Resistive
	2 = Moderate	Decrease
	3 = High	↓ = Conductive
	4 = Very High	↓↓ = Very Conductive

Work Report Summary

Transaction No: W0440.01181 Status: APPROVED
 Recording Date: 2004-JUL-23 Work Done from: 2003-JAN-15
 Approval Date: 2004-JUL-29 to: 2003-MAR-10

Client(s):

301000 LAC EXPLORATION INC.



Survey Type(s):

IP

LC

42C12NW2009 2.28167 BROTHERS

900

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
TB 607720	\$947	\$947	\$0	\$0	\$947	947	\$0	\$0	2005-JUN-12
TB 607721	\$947	\$947	\$0	\$0	\$947	947	\$0	\$0	2005-JUN-12
TB 607722	\$947	\$947	\$0	\$0	\$947	947	\$0	\$0	2005-JUN-12
TB 607723	\$947	\$947	\$0	\$0	\$947	947	\$0	\$0	2005-JUN-12
TB 607724	\$947	\$947	\$0	\$0	\$947	947	\$0	\$0	2005-JUN-12
TB 607725	\$1,082	\$1,082	\$0	\$0	\$1,082	1,082	\$0	\$0	2005-JUN-12
TB 607726	\$1,082	\$1,082	\$0	\$0	\$1,082	1,082	\$0	\$0	2005-JUN-12
TB 607727	\$1,082	\$1,082	\$0	\$0	\$1,082	1,082	\$0	\$0	2005-JUN-12
TB 607728	\$1,082	\$1,082	\$0	\$0	\$1,082	1,082	\$0	\$0	2005-JUN-12
TB 607729	\$1,082	\$1,082	\$0	\$0	\$1,082	1,082	\$0	\$0	2005-JUN-12
TB 607730	\$947	\$947	\$0	\$0	\$947	947	\$0	\$0	2005-JUN-12
TB 607741	\$1,217	\$1,217	\$0	\$0	\$1,217	1,217	\$0	\$0	2005-JUN-12
TB 607742	\$1,217	\$1,217	\$0	\$0	\$1,217	1,217	\$0	\$0	2005-JUN-12
TB 607743	\$1,217	\$1,217	\$0	\$0	\$1,217	1,217	\$0	\$0	2005-JUN-12
TB 607744	\$1,217	\$1,217	\$0	\$0	\$1,217	1,217	\$0	\$0	2005-JUN-12
TB 607745	\$1,217	\$1,217	\$0	\$0	\$1,217	1,217	\$0	\$0	2005-JUN-12
TB 607746	\$1,217	\$1,217	\$0	\$0	\$1,217	1,217	\$0	\$0	2005-JUN-12
TB 607747	\$1,082	\$1,082	\$0	\$0	\$1,082	1,082	\$0	\$0	2005-JUN-12
TB 607748	\$1,082	\$1,082	\$0	\$0	\$1,082	1,082	\$0	\$0	2005-JUN-12
TB 607749	\$1,082	\$1,082	\$0	\$0	\$1,082	1,082	\$0	\$0	2005-JUN-12
TB 607750	\$1,082	\$1,082	\$0	\$0	\$1,082	1,082	\$0	\$0	2005-JUN-12
TB 607751	\$1,082	\$1,082	\$0	\$0	\$1,082	1,082	\$0	\$0	2005-JUN-12
TB 607752	\$947	\$947	\$0	\$0	\$947	947	\$0	\$0	2005-JUN-12
TB 607763	\$676	\$676	\$0	\$0	\$676	676	\$0	\$0	2005-JUN-12
TB 607764	\$676	\$676	\$0	\$0	\$573	573	\$103	\$103	2005-JUN-12
TB 607765	\$676	\$676	\$0	\$0	\$0	0	\$676	\$676	2005-JUN-12
TB 607766	\$676	\$676	\$0	\$0	\$0	0	\$676	\$676	2005-JUN-12
TB 607767	\$676	\$676	\$0	\$0	\$0	0	\$676	\$676	2005-JUN-12
TB 607768	\$676	\$676	\$0	\$0	\$0	0	\$676	\$676	2005-JUN-12
TB 607918	\$947	\$947	\$0	\$0	\$0	0	\$947	\$947	2005-JUN-12
TB 607919	\$947	\$947	\$0	\$0	\$0	0	\$947	\$947	2005-JUN-12
TB 607920	\$947	\$947	\$0	\$0	\$0	0	\$947	\$947	2005-JUN-12
TB 607921	\$676	\$676	\$0	\$0	\$0	0	\$676	\$676	2005-JUN-12
TB 607922	\$676	\$676	\$0	\$0	\$0	0	\$676	\$676	2005-JUN-12
TB 607943	\$1,082	\$1,082	\$0	\$0	\$0	0	\$1,082	\$1,082	2005-JUN-12

Work Report Summary

Transaction No: W0440.01181

Status: APPROVED

Recording Date: 2004-JUL-23

Work Done from: 2003-JAN-15

Approval Date: 2004-JUL-29

to: 2003-MAR-10

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
TB 607944	\$1,082	\$1,082	\$0	\$0	\$0	0	\$1,082	\$1,082	2005-JUN-12
TB 607945	\$1,082	\$1,082	\$0	\$0	\$0	0	\$1,082	\$1,082	2005-JUN-12
TB 607946	\$1,217	\$1,217	\$0	\$0	\$0	0	\$1,217	\$1,217	2005-JUN-12
TB 607947	\$1,217	\$1,217	\$0	\$0	\$0	0	\$1,217	\$1,217	2005-JUN-12
TB 607948	\$1,217	\$1,217	\$0	\$0	\$0	0	\$1,217	\$1,217	2005-JUN-12
TB 607949	\$798	\$798	\$0	\$0	\$0	0	\$798	\$798	2005-JUN-12
TB 607970	\$1,217	\$1,217	\$0	\$0	\$0	0	\$1,217	\$1,217	2005-JUN-12
TB 607971	\$1,217	\$1,217	\$0	\$0	\$0	0	\$1,217	\$1,217	2005-JUN-12
TB 607972	\$1,217	\$1,217	\$0	\$0	\$0	0	\$1,217	\$1,217	2005-JUN-12
TB 607973	\$1,217	\$1,217	\$0	\$0	\$0	0	\$1,217	\$1,217	2005-JUN-12
TB 608965	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-10
TB 608966	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-10
TB 608967	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-10
TB 608968	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-10
TB 608969	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-10
TB 608970	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-10
TB 608971	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-10
TB 608972	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-10
TB 608973	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-10
TB 608974	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-10
TB 616424	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 616425	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 616426	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 616427	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 616428	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 616429	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620464	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620465	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620466	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620467	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620468	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620469	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620470	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620471	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620472	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620473	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620474	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620475	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620476	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620477	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31

Work Report Summary

Transaction No: W0440.01181

Status: APPROVED

Recording Date: 2004-JUL-23

Work Done from: 2003-JAN-15

Approval Date: 2004-JUL-29

to: 2003-MAR-10

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
TB 620478	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620479	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620480	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620481	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620482	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620484	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620485	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620486	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620487	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620488	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620489	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620491	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620492	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 620493	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-31
TB 625585	\$676	\$676	\$0	\$0	\$0	0	\$676	\$676	2005-JUN-12
TB 625586	\$676	\$676	\$0	\$0	\$0	0	\$676	\$676	2005-JUN-12
TB 625587	\$676	\$676	\$0	\$0	\$0	0	\$676	\$676	2005-JUN-12
TB 625588	\$676	\$676	\$0	\$0	\$0	0	\$676	\$676	2005-JUN-12
TB 642695	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-20
TB 642696	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-20
TB 642697	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-20
TB 642698	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-20
TB 642699	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-20
TB 642700	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-20
TB 1122888	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
TB 1122889	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
TB 1122890	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
TB 1122891	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
TB 1122892	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
TB 1122893	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
TB 1122894	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
TB 1122900	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
TB 1122901	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
TB 1122902	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
TB 1122903	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
TB 1122904	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
TB 1122905	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
TB 1122906	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
TB 1122907	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-AUG-10
	\$48,267	\$48,267	\$26,000	\$26,000	\$26,000	\$26,000	\$22,267	\$22,267	

Date: 2004-JUL-29

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

LAC EXPLORATION INC.
BCE PLACE, TD CANADA TRUST TOWER
SUITE 3700, 161 BAY STREET, PO BOX 212
TORONTO, ONTARIO
M5J 2S1 CANADA

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

Submission Number: 2.28167
Transaction Number(s): W0440.01181

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact BRUCE GATES by email at bruce.gates@ndm.gov.on.ca or by phone at (705) 670-5856.

Yours Sincerely,



Ron.C. Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Jari J. Paakki
(Agent)

Lac Exploration Inc.
(Assessment Office)

Assessment File Library

Lac Exploration Inc.
(Claim Holder)

Date / Time of Issue: Fri Aug 13 14:40:52 EDT 2004

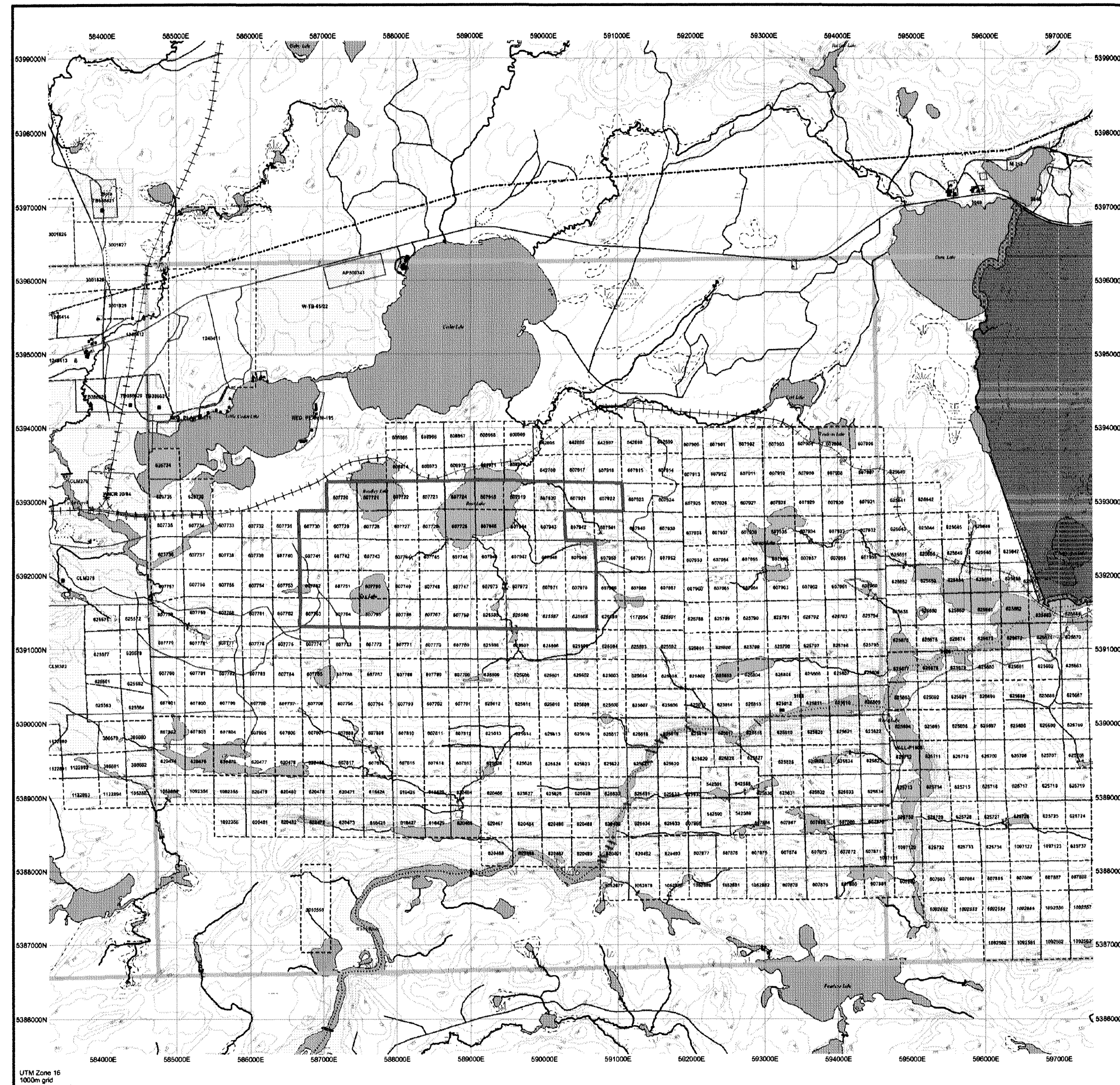
TOWNSHIP / AREA BROTHERS

PLAN G-3172

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division Land Titles/Registry Division Ministry of Natural Resources District

Thunder Bay THUNDER BAY WAWA

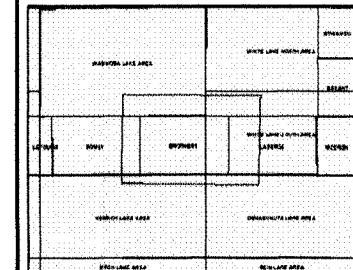


TOPOGRAPHIC

- Administrative Boundaries: Township, Concession Lot, Provincial Park, Indian Reserve, Cliff Face, Contour, Micro Shrub, Mine Structures, Railway, Road, Trail, Natural Gas Pipeline, Utility, Tower

Land Tenure

- Feehold Patent: Surface And Mining Rights, Surface Rights Only, Mining Rights Only, Leasehold Patent: Surface And Mining Rights, Surface Rights Only, Mining Rights Only, Licence of Occupation: Lease Not Specified, Surface And Mining Rights, Surface Rights Only, Mining Rights Only, LINT: LINT Lease Permit, Order In Council (Not open for status), Water Power Lease Agreement, Mining Claim, Filed Only Mining Claim



LAND TENURE WITHDRAWALS
1234 Area Withdrawn From Disposition
Mining Act Withdrawal Types
Order In Council Withdrawal Types
IMPORTANT NOTICES

Scale 1:20000

LAND TENURE WITHDRAWAL DESCRIPTIONS

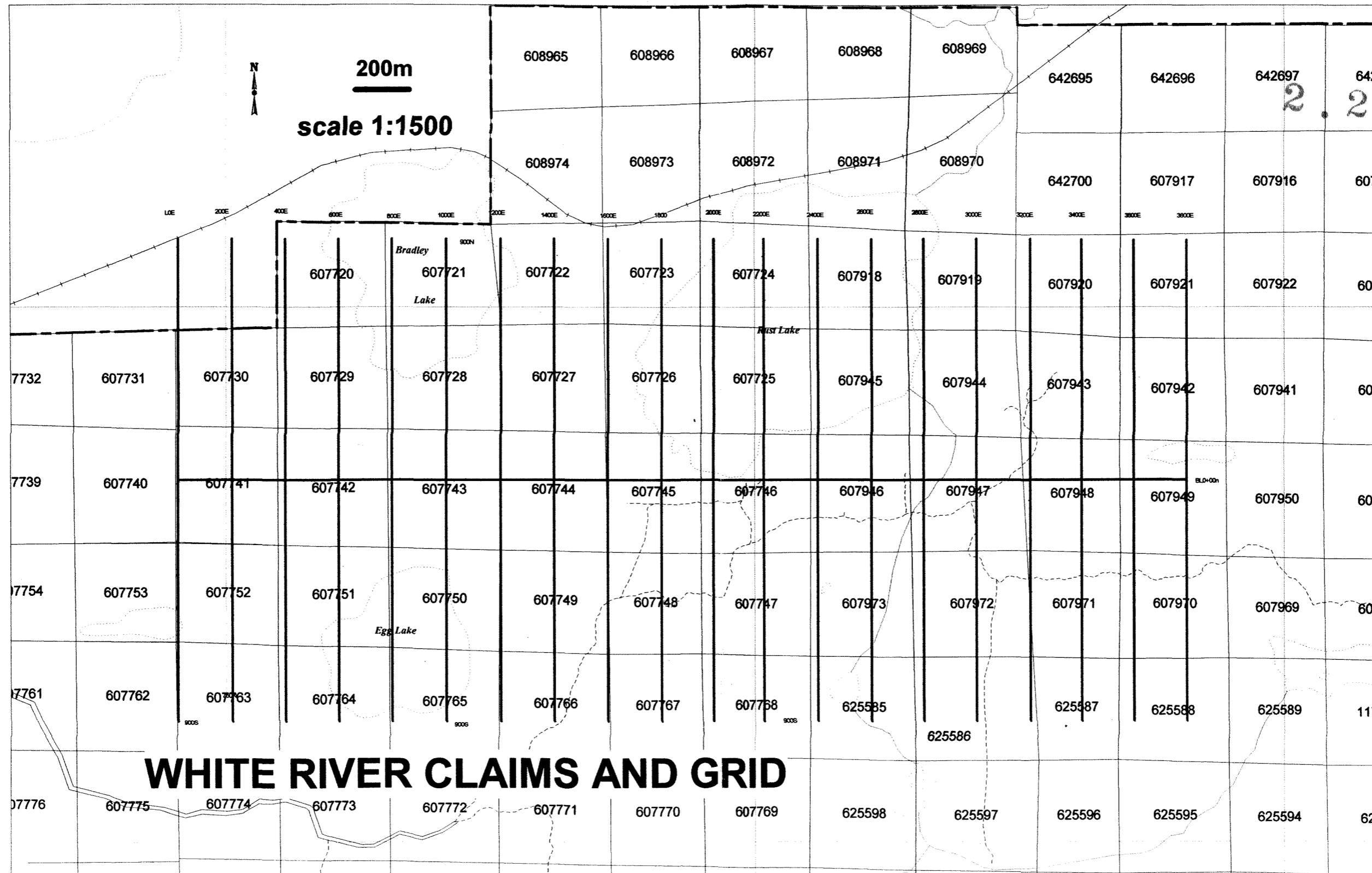
Table with columns: License No., Type, Date, Description. Contains details for various mining land tenure withdrawals, including dates and descriptions of the affected areas and rights.

2.28167
IP
LC

42C12W2009 2.28167 BROTHERS

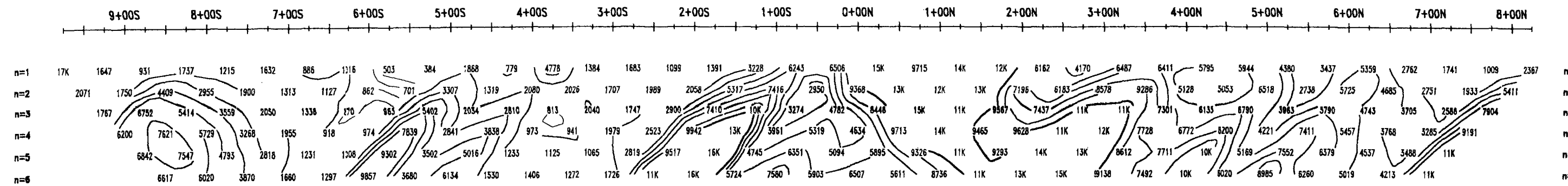
General Information and Limitations

Those wishing to make mining claims should consult with the Provincial Mining Recorder's Office... This map is not intended for registration, survey or other purposes... Copyright and accuracy are not guaranteed.



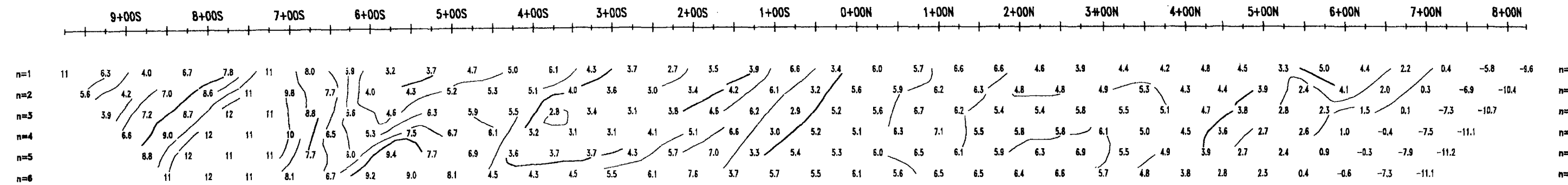
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic

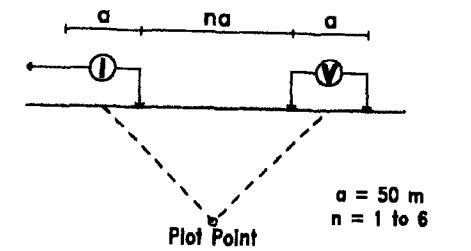


APPARENT CHARGEABILITY PSEUDO SECTION

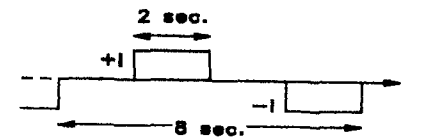
Contours: 1



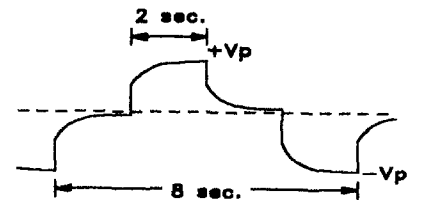
INDUCED POLARIZATION SURVEY Pole-Dipole Array



Transmitter: TX-II (GDD), 1.4 kW



Receiver: Elrec-10 (IRIS)



2.28167

Scale 1 : 5000

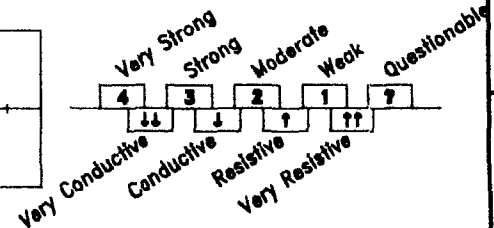
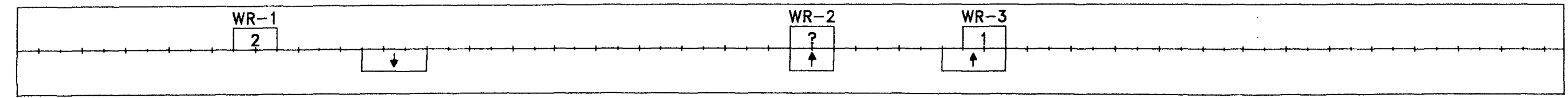


42C12NW2009 2.28167 BROTHERS

220

INTERPRETATION

chargeability
resistivity



Teck Cominco Ltd. Exploration

**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

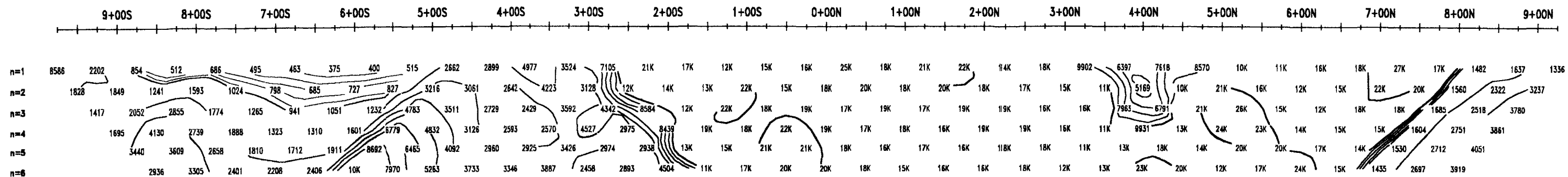
Line 0E

Interpreted by: Pierre Bérubé, Eng.
 Verified by: Marfin Dubois, Geo.
 Date of survey: March 2003
 Surveyed by: Paul Melancon, Tech.
 Reference: 03N703



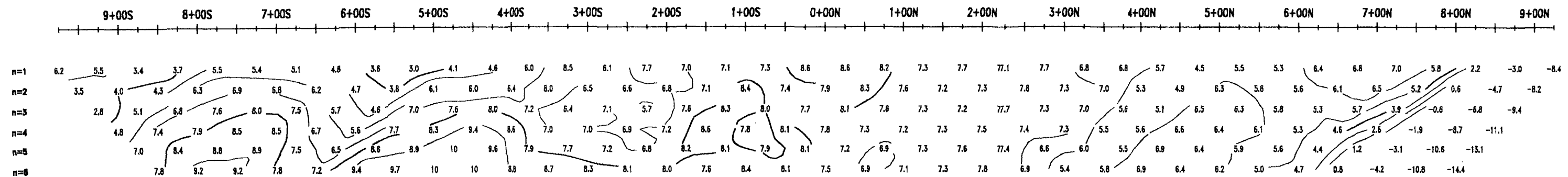
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



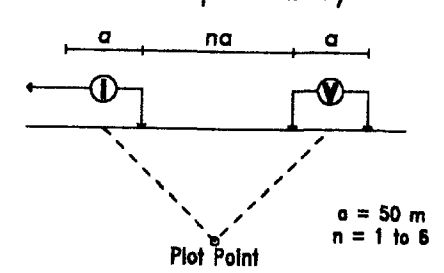
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

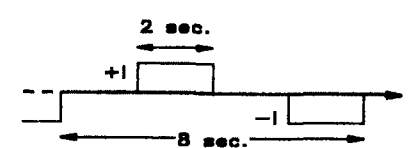


INDUCED POLARIZATION SURVEY

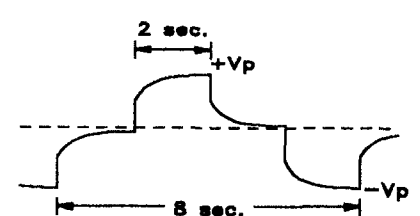
Pole-Dipole Array



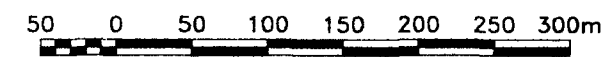
Transmitter: TX-II (GDD), 1.4 kW



Receiver: Eirec-10 (IRIS)



Scale 1 : 5000

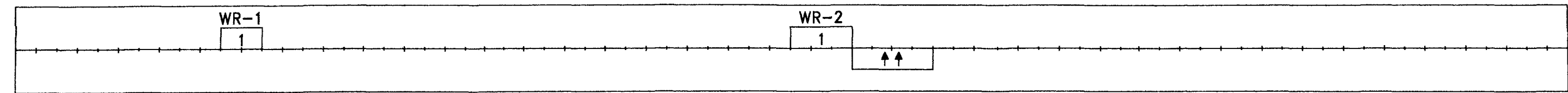
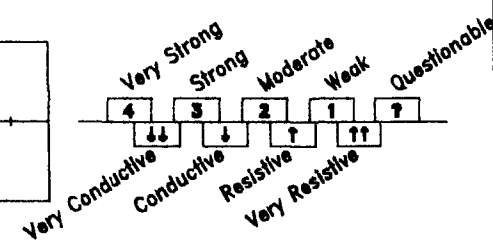


Teck Cominco Ltd. Exploration

**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

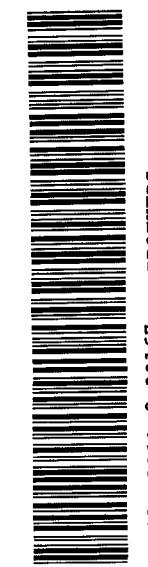
Line 200E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703

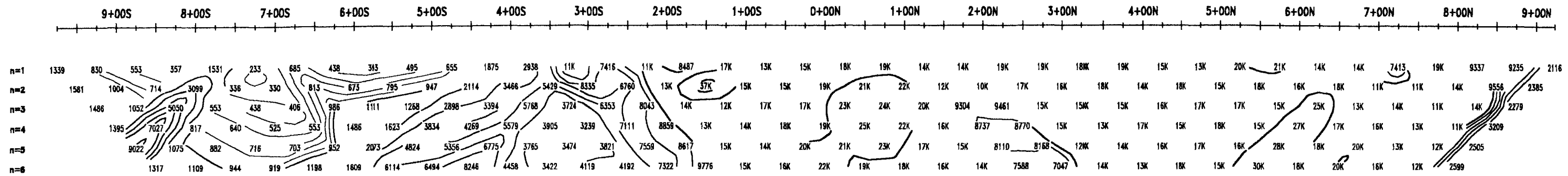


INTERPRETATION

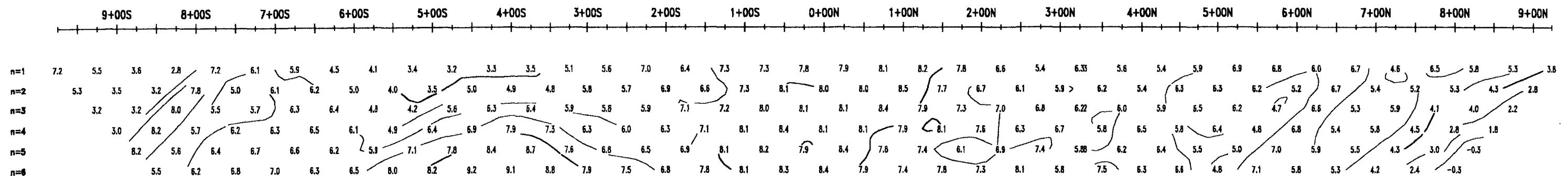
chargeability
resistivity



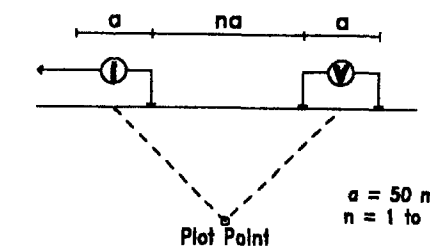
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



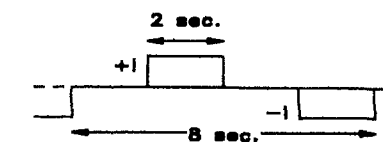
APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1



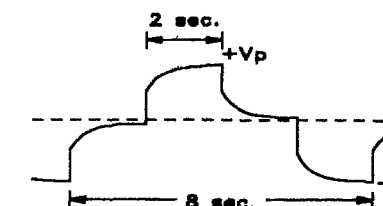
INDUCED POLARIZATION SURVEY Pole-Dipole Array



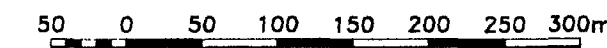
Transmitter: TX-II (GDD), 1.4 kW



Receiver: Elrec-10 (IRIS)



Scale 1 : 5000



Teck Cominco Ltd. Exploration

**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

Line 400E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703

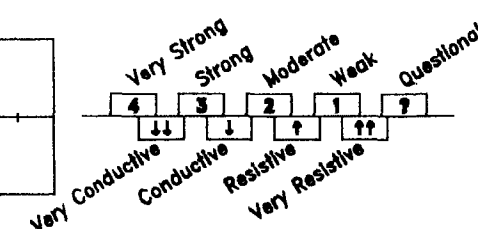
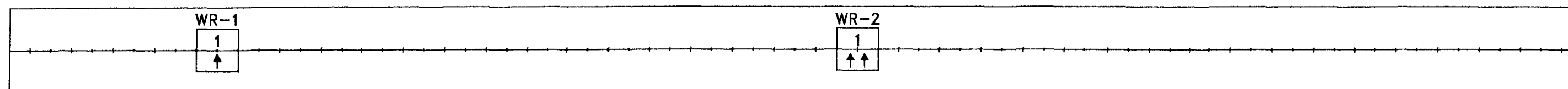


42C12NW2009 2.28167 BROTHERS

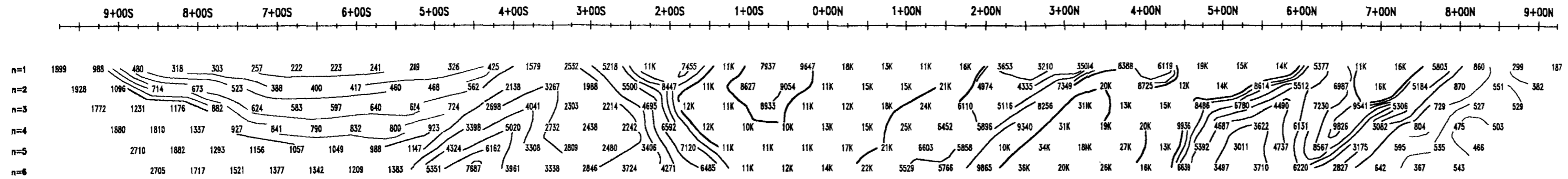
240

INTERPRETATION

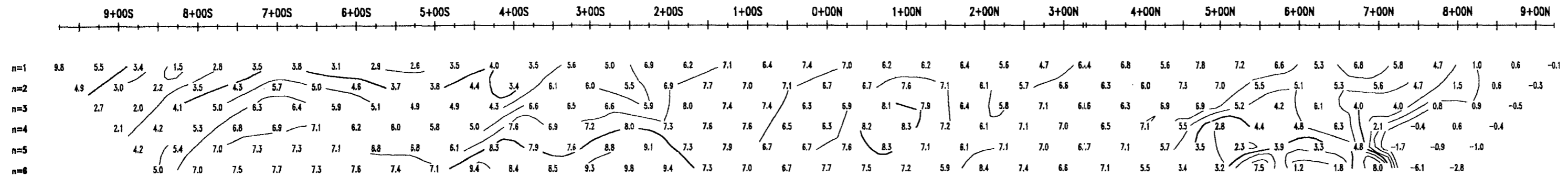
chargeability
resistivity



APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1

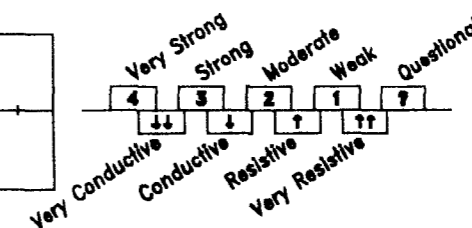
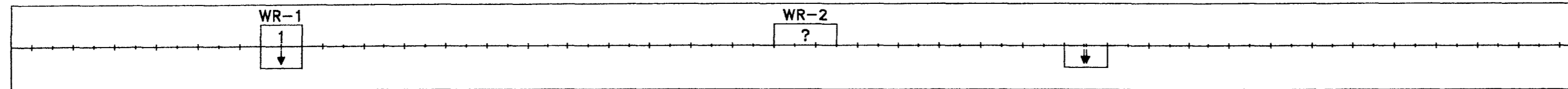


42C12NW2009 2.28167 BROTHERS

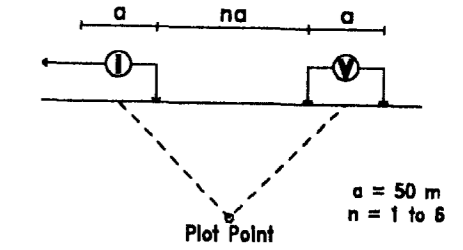
250

INTERPRETATION

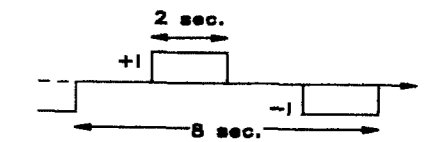
chargeability
resistivity



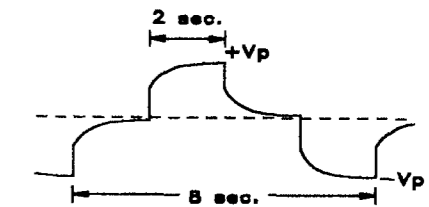
INDUCED POLARIZATION SURVEY Pole-Dipole Array



Transmitter: TX-II (GDD), 1.4 kW



Receiver: Elrec-10 (IRIS)



2.28167

Scale 1 : 5000



Teck Cominco Ltd. Exploration

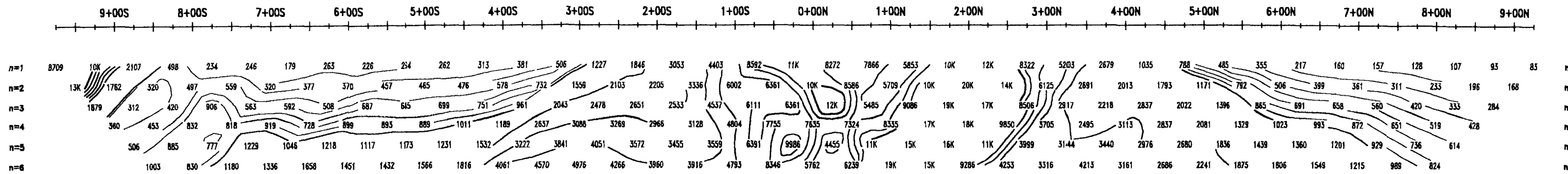
**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

Line 600E

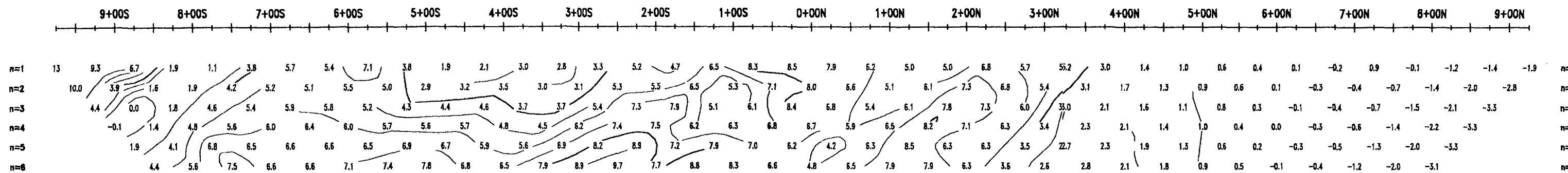
Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703



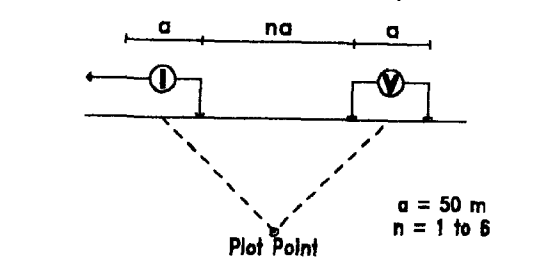
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



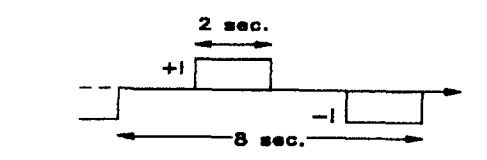
APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1



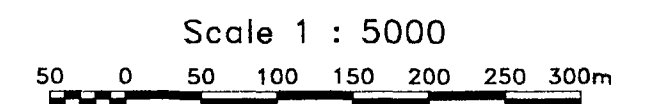
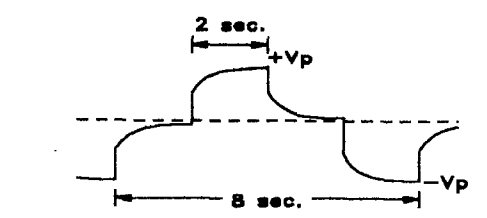
INDUCED POLARIZATION SURVEY Pole-Dipole Array



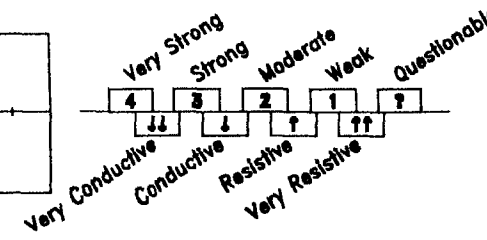
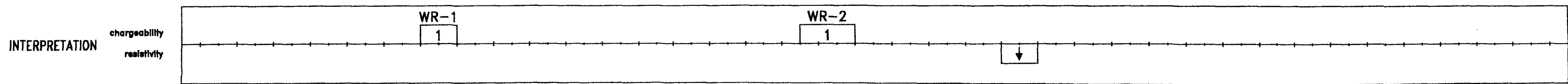
Transmitter: TX-II (GDD), 1.4 kW



Receiver: Elrec-10 (IRIS)



42C12NW2009 2.28167 BROTHERS 260



Teck Cominco Ltd. Exploration

**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

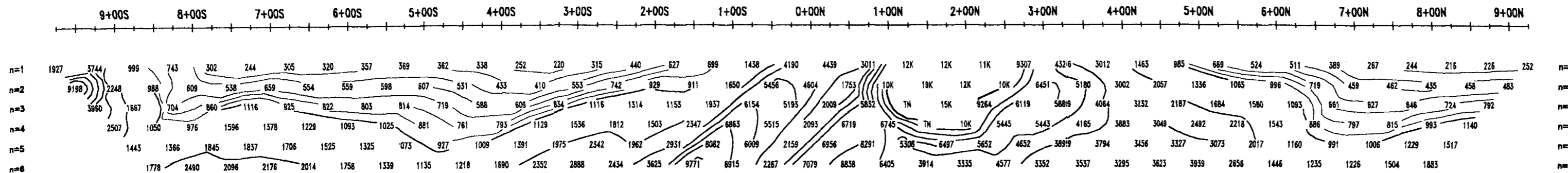
Line 800E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: Q3N703



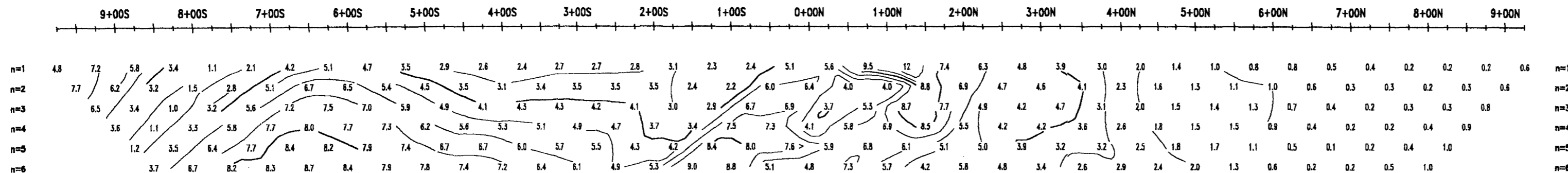
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

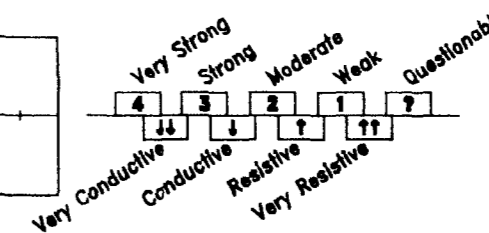
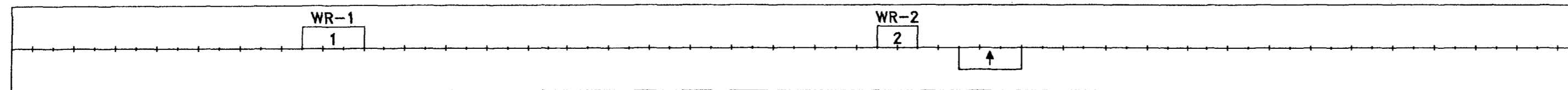


42C12NW2009 2.28167 BROTHERS

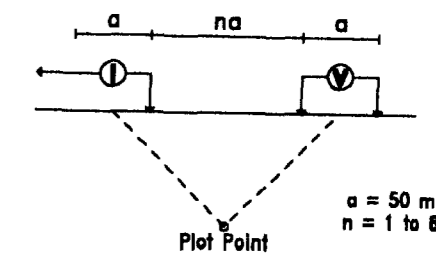
270

INTERPRETATION

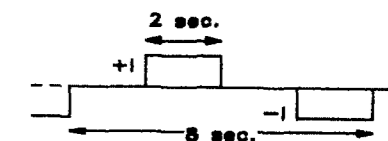
chargeability
resistivity



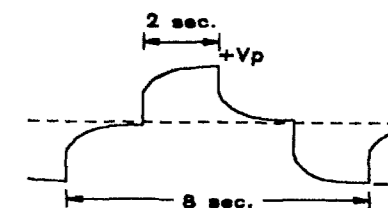
INDUCED POLARIZATION SURVEY Pole-Dipole Array



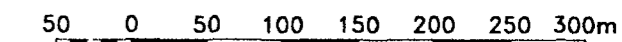
Transmitter: TX-II (GDD), 1.4 kW



Receiver: Eirec-10 (IRIS)



Scale 1 : 5000



Teck Cominco Ltd. Exploration

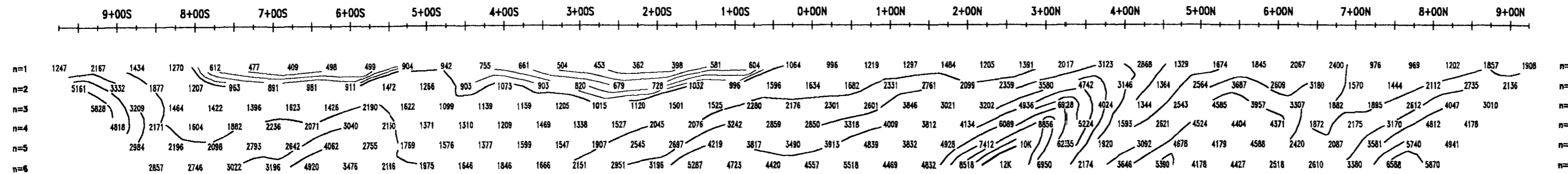
**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

Line 1000E

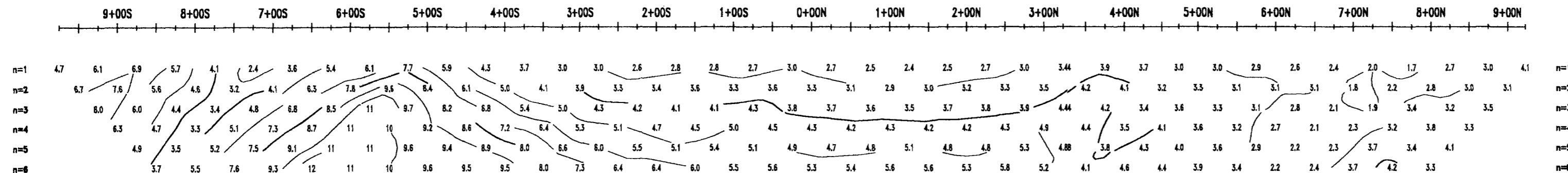
Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703

ABITIBI
GEOPHYSICS

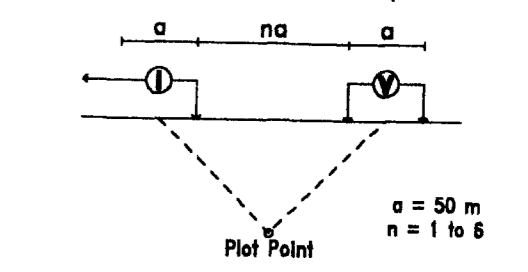
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



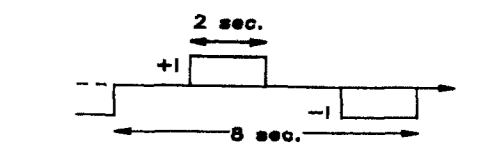
APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1



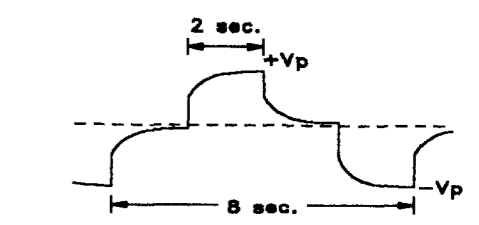
INDUCED POLARIZATION SURVEY
Pole-Dipole Array



Transmitter: TX-II (GDD), 1.4 kW

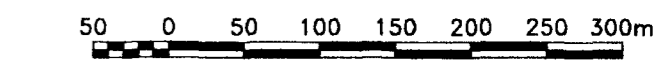


Receiver: Elrec-10 (IRIS)



2.28167

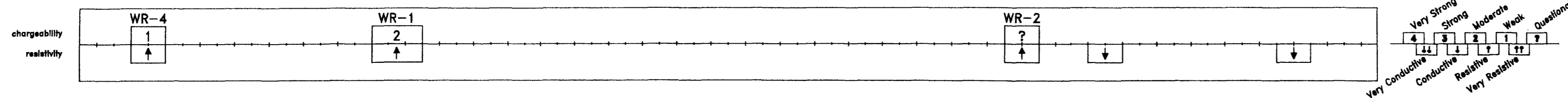
Scale 1 : 5000



42C12NW2009 2.28167 BROTHERS

280

INTERPRETATION



Teck Cominco Ltd. Exploration

White River Property
Brothers Township
Hemlo Area, Ontario, Canada

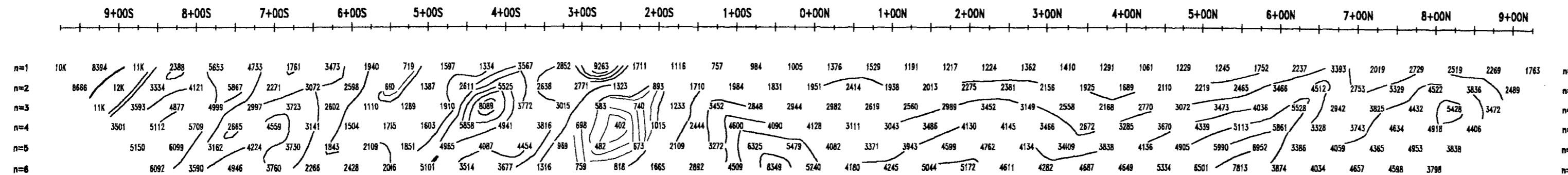
Line 1200E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703

ABITIBI
GEOPHYSICS

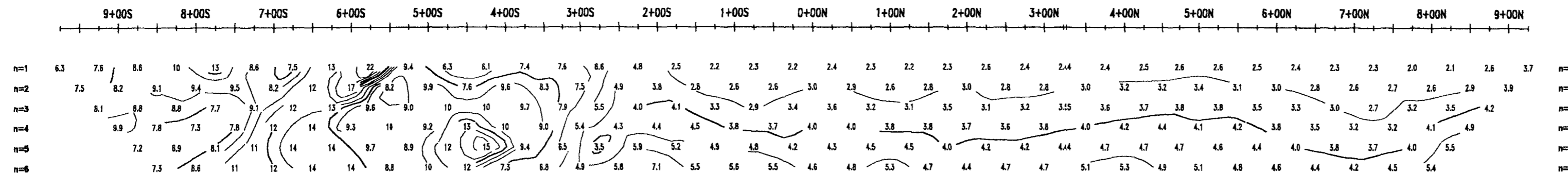
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

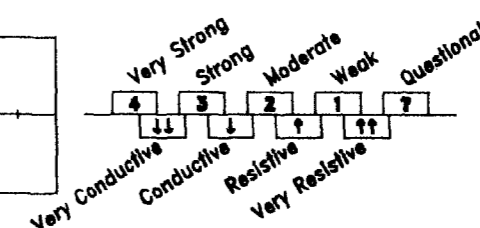
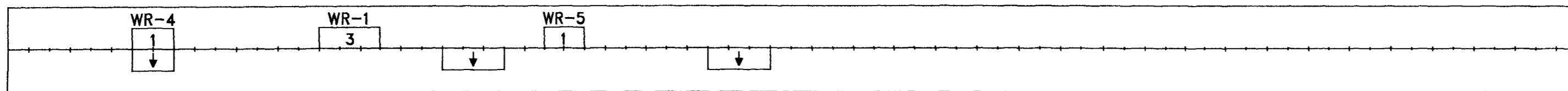


42C12NW2009 2.28167 BROTHERS

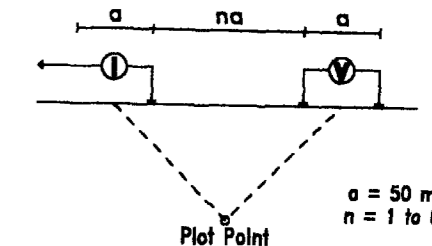
290

INTERPRETATION

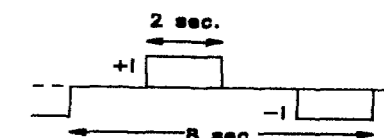
chargeability
resistivity



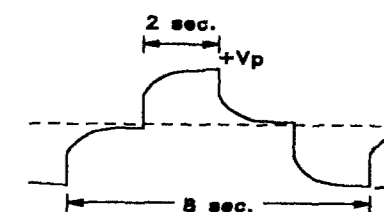
INDUCED POLARIZATION SURVEY Pole-Dipole Array



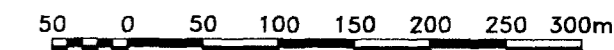
Transmitter: TX-II (GDD), 1.4 kW



Receiver: Eirec-10 (IRIS)



Scale 1 : 5000



Teck Cominco Ltd. Exploration

**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

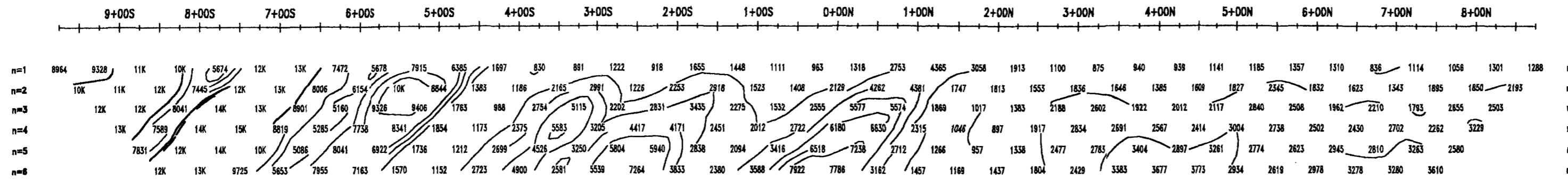
Line 1400E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703

ABITIBI
GEOPHYSICS

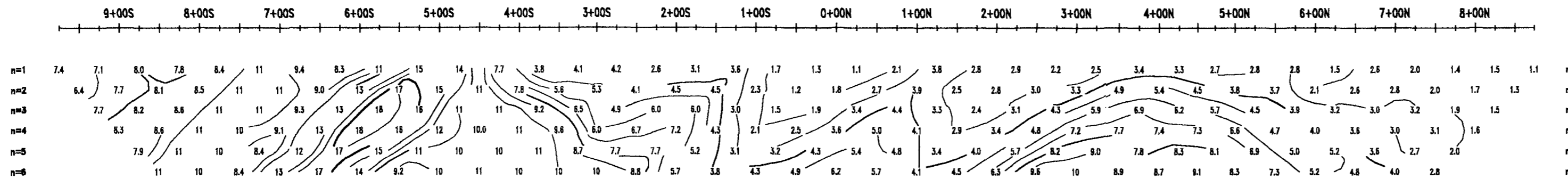
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



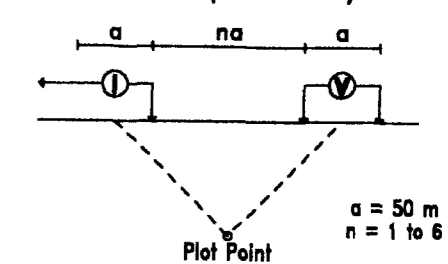
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

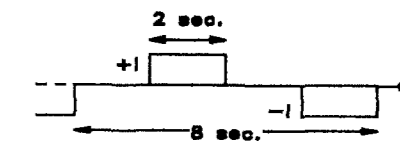


INDUCED POLARIZATION SURVEY

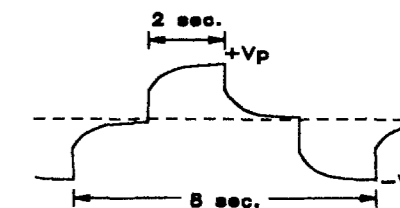
Pole-Dipole Array



Transmitter: TX-II (GDD), 1.4 kW



Receiver: Elrec-10 (IRIS)



Scale 1 : 5000

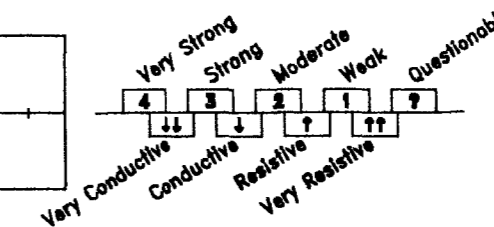
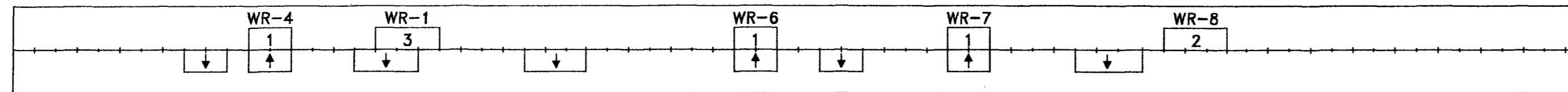


42C12NW2009 2.28167 BROTHERS

300

INTERPRETATION

chargeability resistivity



Teck Cominco Ltd. Exploration

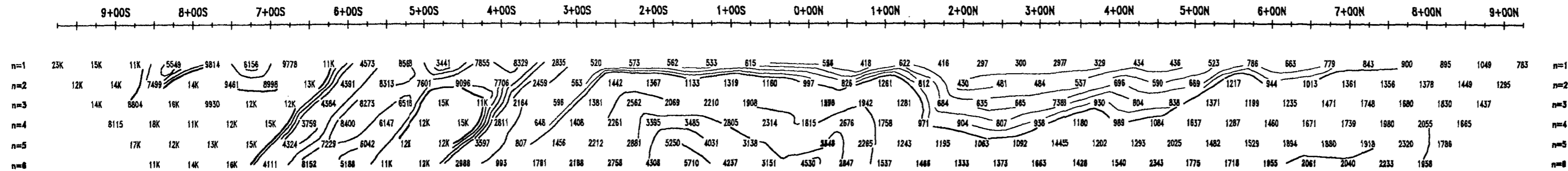
**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

Line 1600E

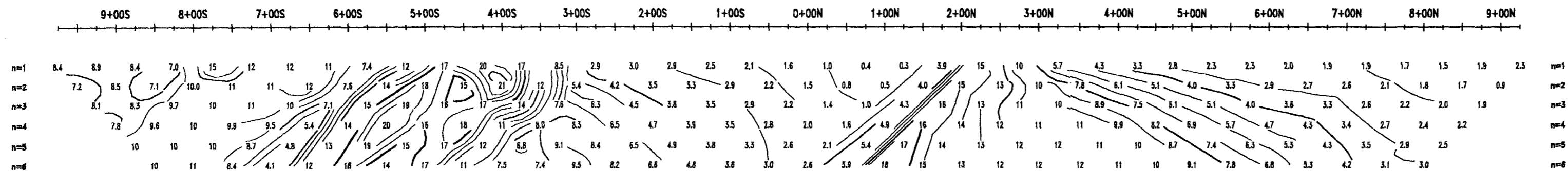
Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703



APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic

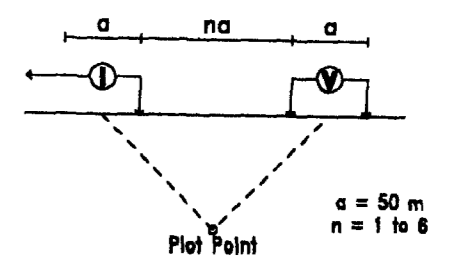


APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1

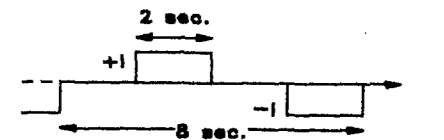


INDUCED POLARIZATION SURVEY

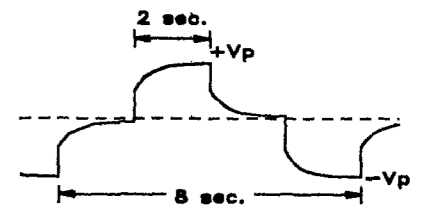
Pole-Dipole Array



Transmitter: TX-II (GDD), 1.4 kW



Receiver: Eirec-10 (IRIS)



Scale 1 : 5000

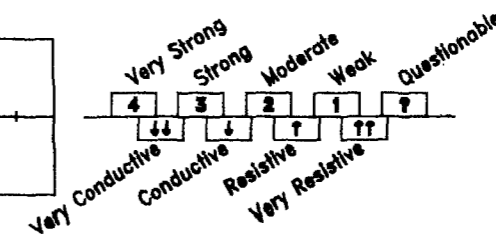
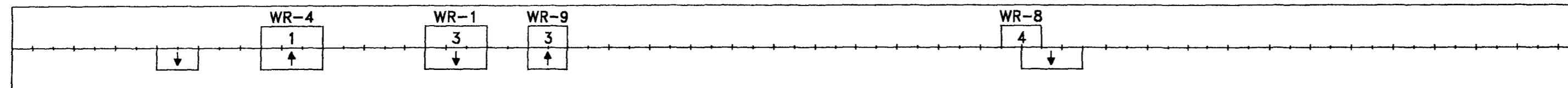


42C12NW2009 2.28167 BROTHERS

310

INTERPRETATION

chargeability
resistivity



Teck Cominco Ltd. Exploration

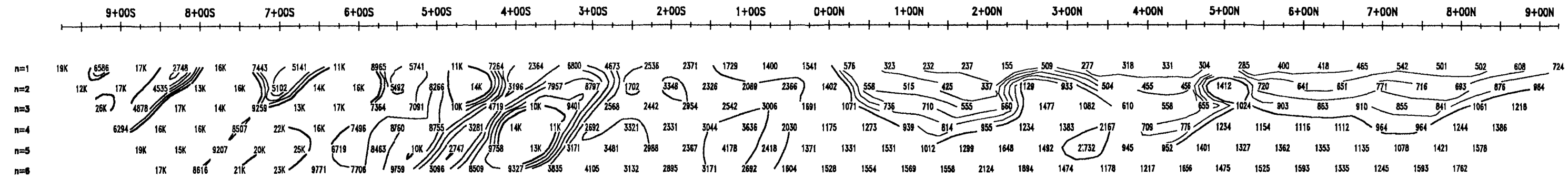
**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

Line 1800E

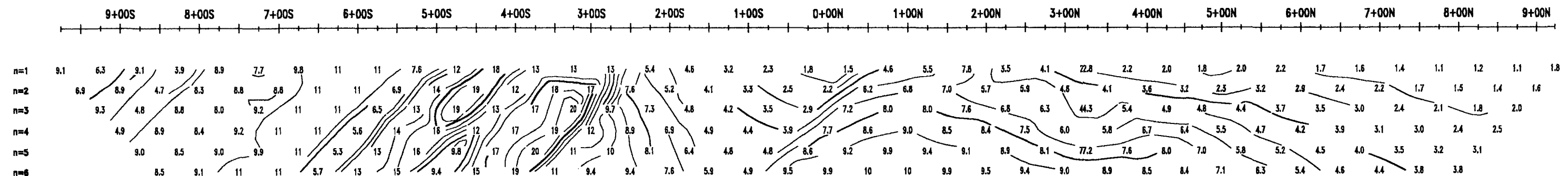
Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703



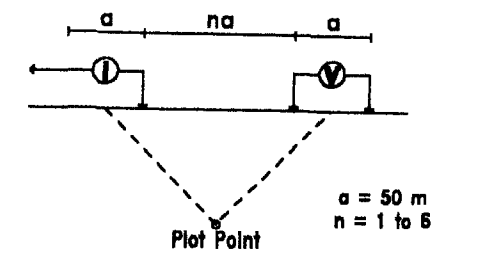
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



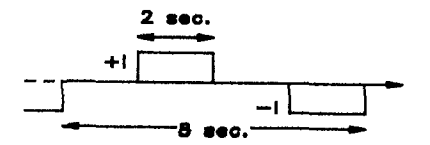
APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1



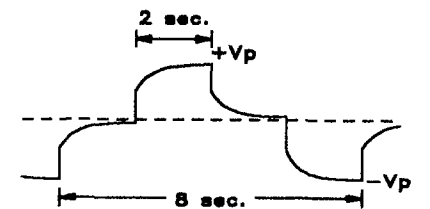
INDUCED POLARIZATION SURVEY Pole-Dipole Array



Transmitter: TX-II (GDD), 1.4 kW

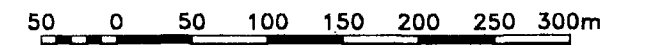


Receiver: Eirec-10 (IRIS)



2.28167

Scale 1 : 5000

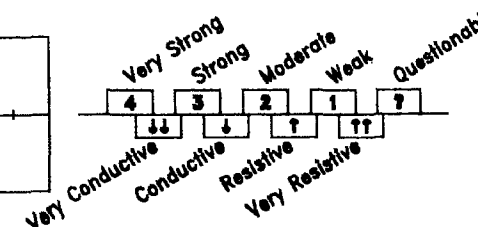
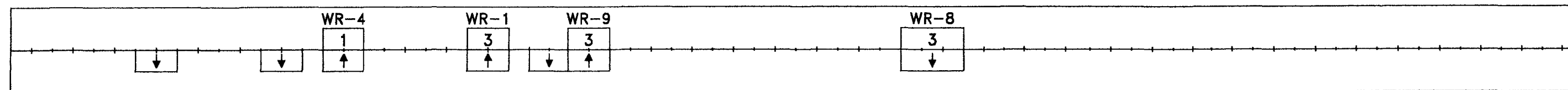


42C12NW2009 2.28167 BROTHERS

320

INTERPRETATION

chargeability
resistivity

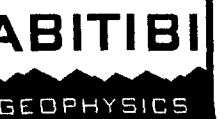


Teck Cominco Ltd. Exploration

**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

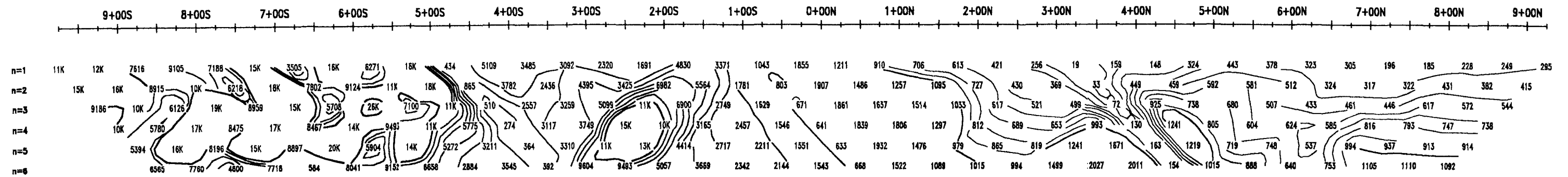
Line 2000E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703



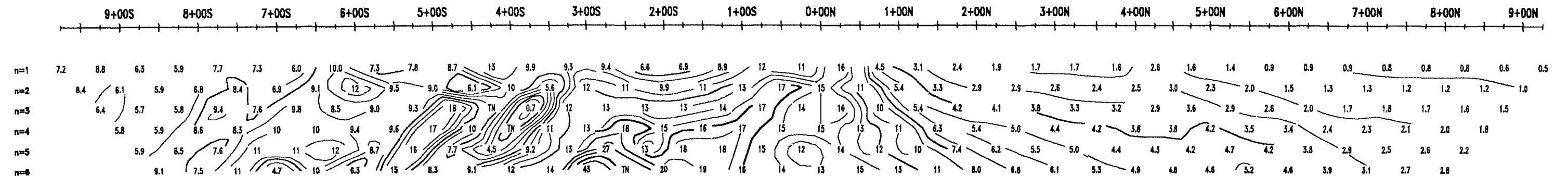
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

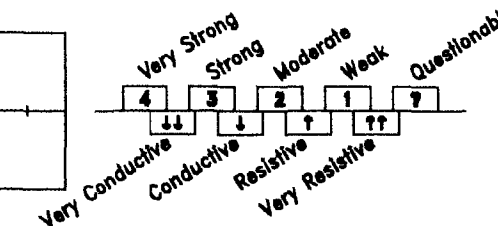
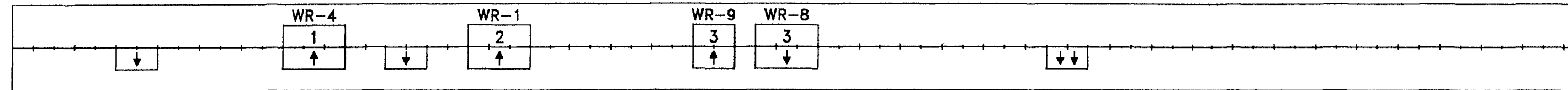


42C12NW2009 2.28167 BROTHERS

330

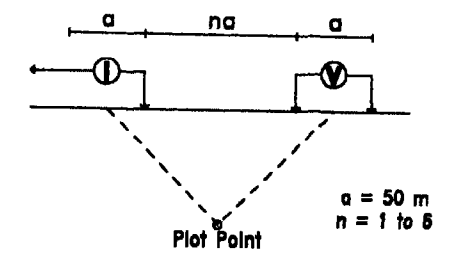
INTERPRETATION

chargeability
resistivity

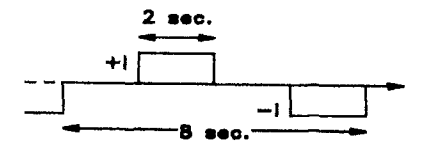


INDUCED POLARIZATION SURVEY

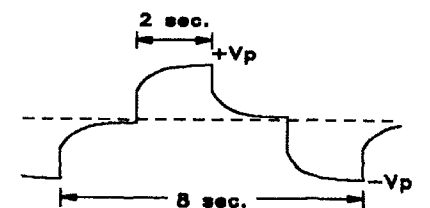
Pole-Dipole Array



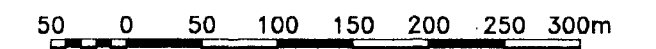
Transmitter: TX-II (GDD), 1.4 kW



Receiver: Elrec-10 (IRIS)



Scale 1 : 5000



Teck Cominco Ltd. Exploration

**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

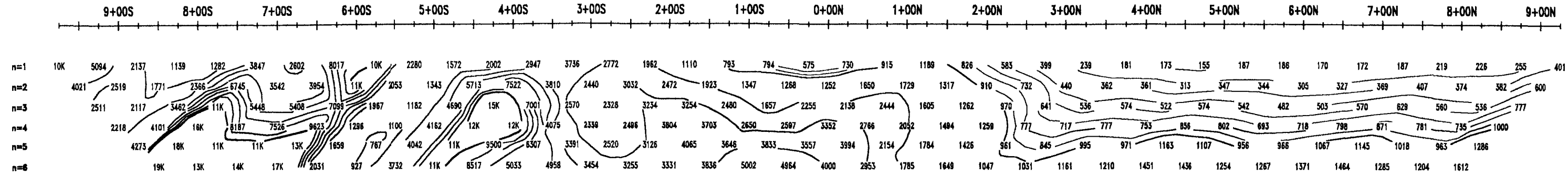
Line 2200E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703



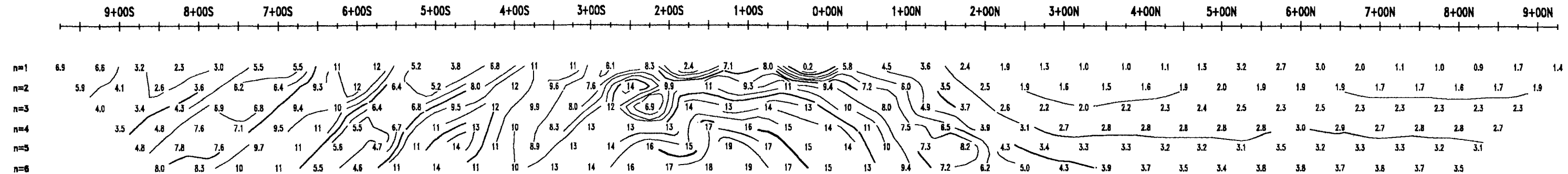
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



APPARENT CHARGEABILITY PSEUDO SECTION

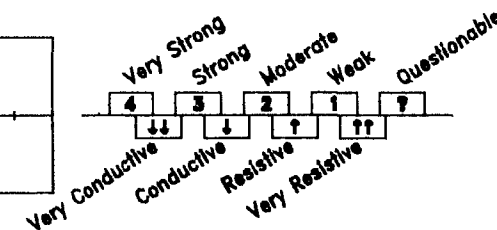
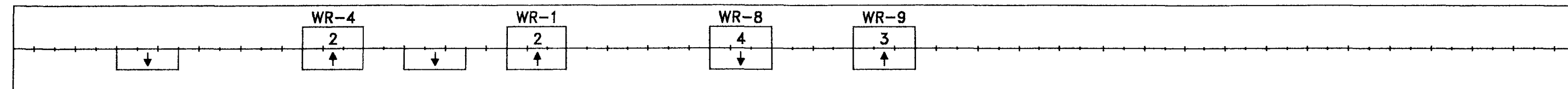
Contours: 1



42C12NW2009 2.28167 BROTHERS 340

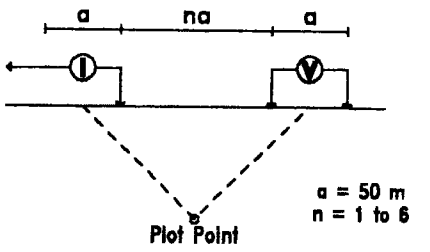
INTERPRETATION

chargeability
resistivity

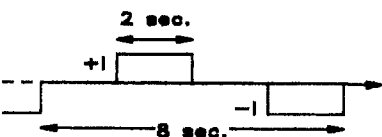


INDUCED POLARIZATION SURVEY

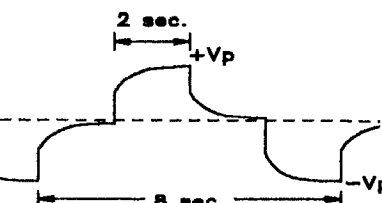
Pole-Dipole Array



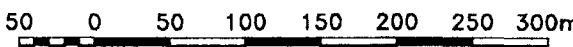
Transmitter: TX-II (GDD), 1.4 kW



Receiver: Eirec-10 (IRIS)



Scale 1 : 5000



Teck Cominco Ltd. Exploration

**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

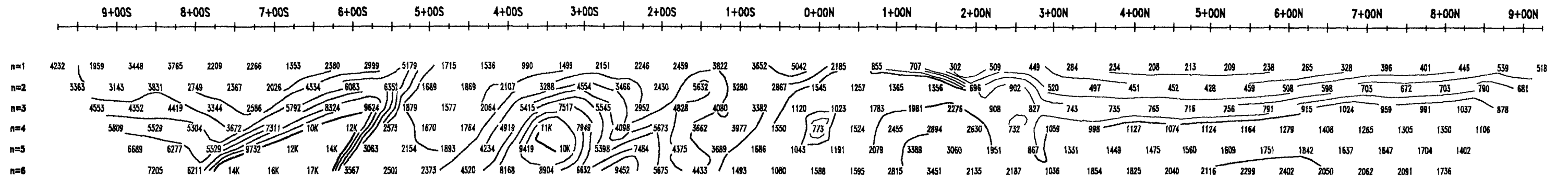
Line 2400E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703



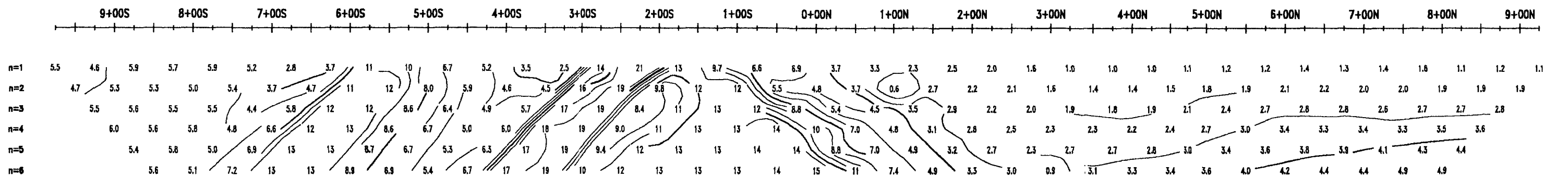
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



APPARENT CHARGEABILITY PSEUDO SECTION

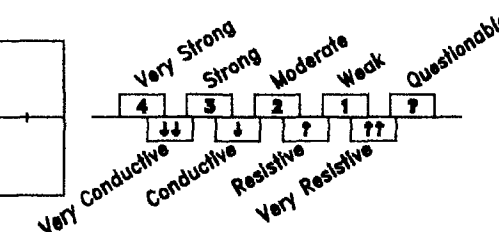
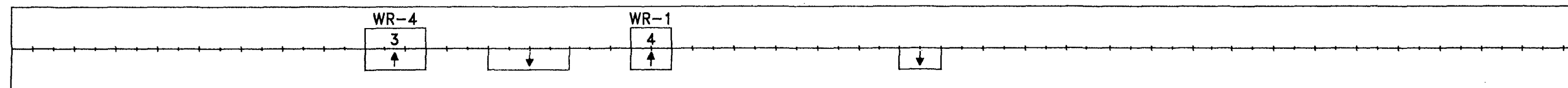
Contours: 1



42C12NW2009 2.28167 BROTHERS 350

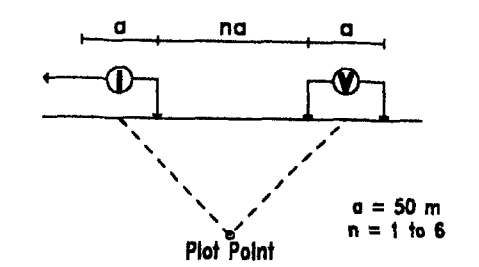
INTERPRETATION

chargeability resistivity

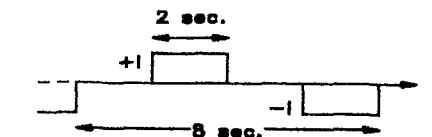


INDUCED POLARIZATION SURVEY

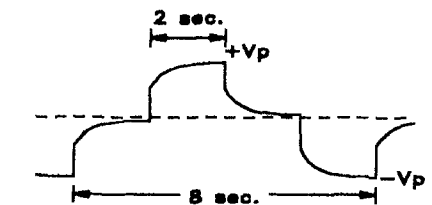
Pole-Dipole Array



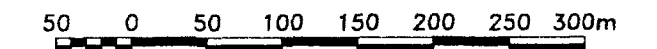
Transmitter: TX-II (GDD), 1.4 kW



Receiver: Elrec-10 (IRIS)



Scale 1 : 5000



Teck Cominco Ltd. Exploration

**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

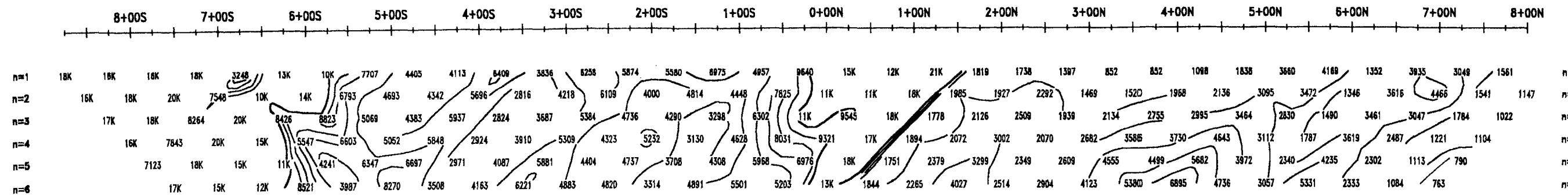
Line 2600E

Interpreted by: Pierre Barubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703



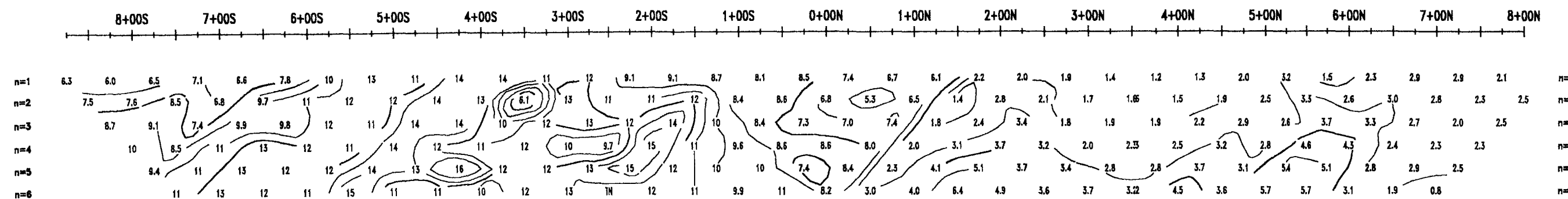
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



APPARENT CHARGEABILITY PSEUDO SECTION

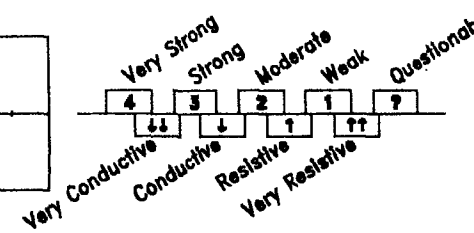
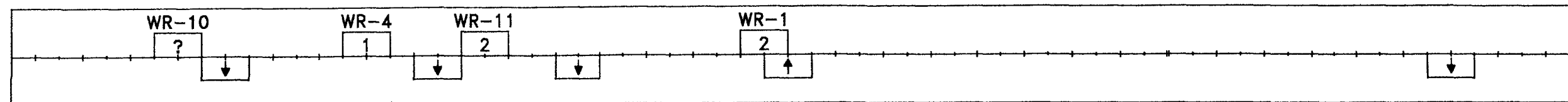
Contours: 1



42C12NW2009 2.28167 BROTHERS 360

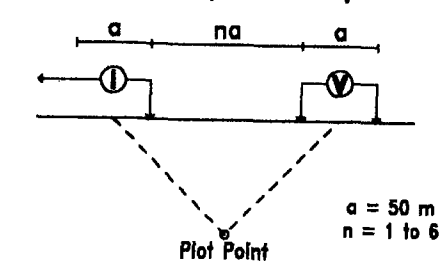
INTERPRETATION

chargeability
resistivity

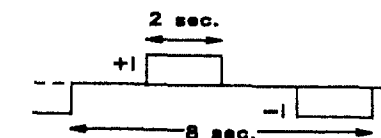


INDUCED POLARIZATION SURVEY

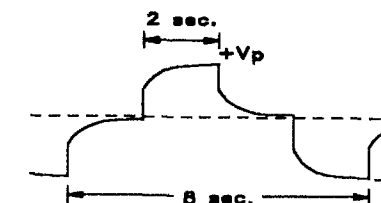
Pole-Dipole Array



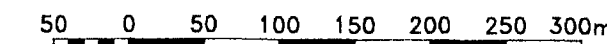
Transmitter: TX-II (GDD), 1.4 kW



Receiver: Eirec-10 (IRIS)



Scale 1 : 5000



Teck Cominco Ltd. Exploration

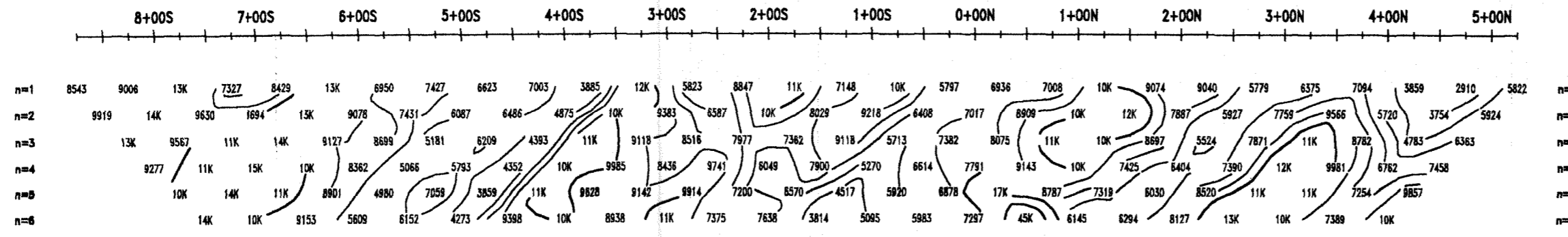
**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

Line 2800E

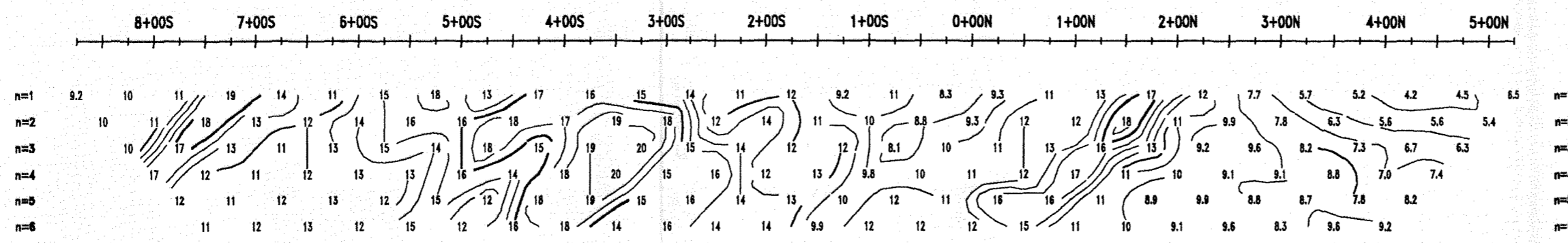
Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703



APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic

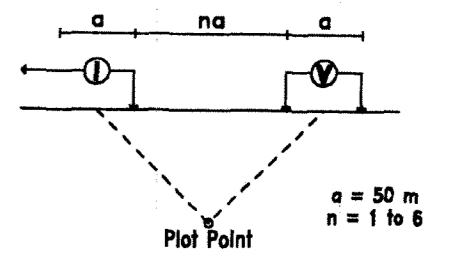


APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1

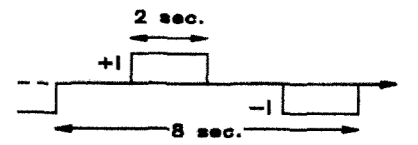


INDUCED POLARIZATION SURVEY

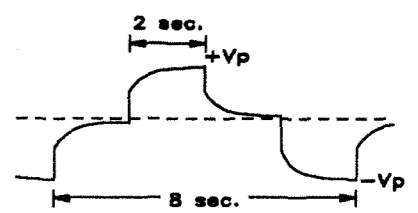
Pole-Dipole Array



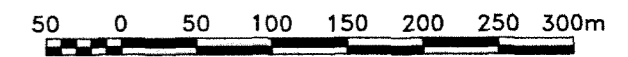
Transmitter: TX-II (GDD), 1.4 kW



Receiver: Elrec-10 (IRIS)



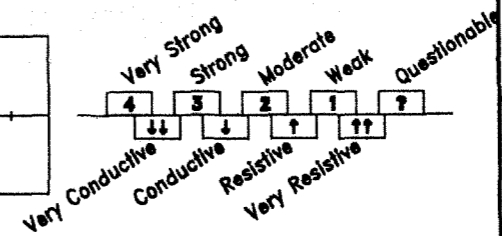
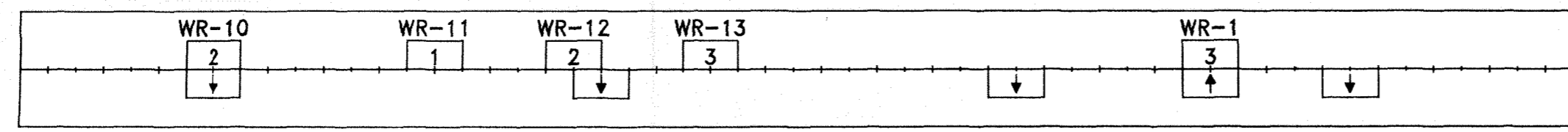
Scale 1 : 5000



42C12NW2009 2.28167 BROTHERS 370

INTERPRETATION

chargeability
resistivity



Teck Cominco Ltd. Exploration

**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

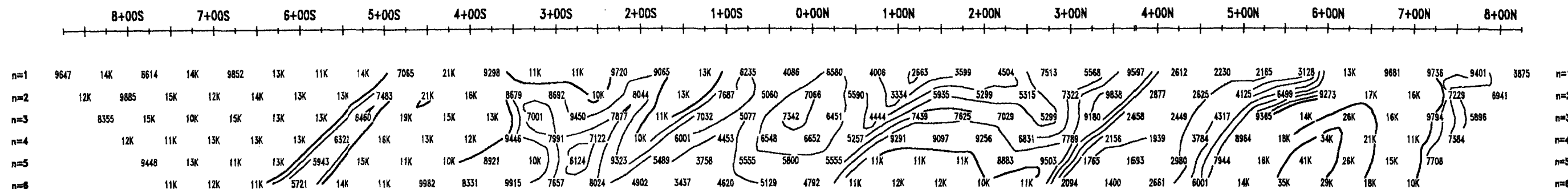
Line 3200E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703



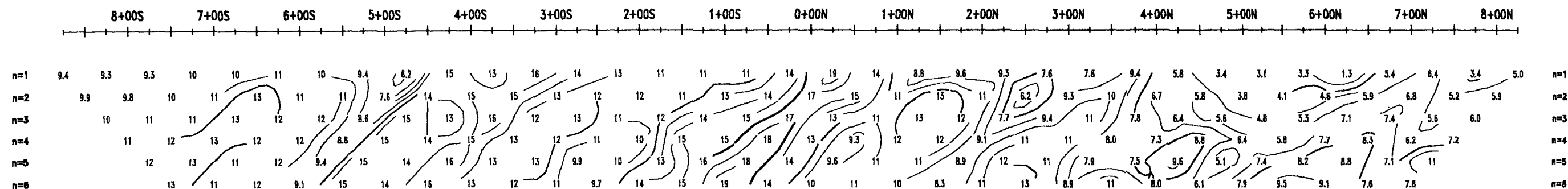
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



APPARENT CHARGEABILITY PSEUDO SECTION

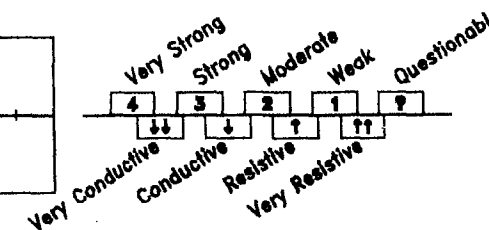
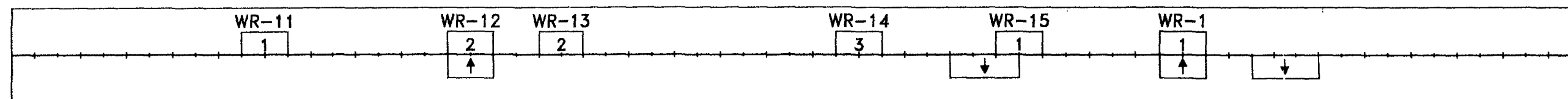
Contours: 1



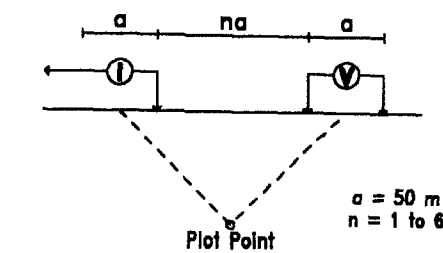
42C12NW2009 2.28167 BROTHERS 380

INTERPRETATION

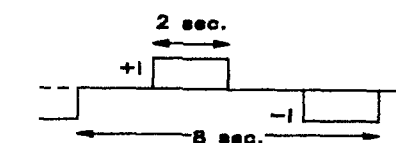
chargeability
resistivity



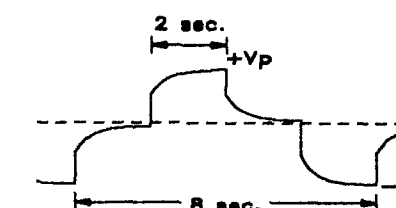
INDUCED POLARIZATION SURVEY Pole-Dipole Array



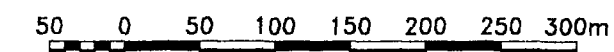
Transmitter: TX-II (GDD), 1.4 kW



Receiver: Elrec-10 (IRIS)



Scale 1 : 5000



Teck Cominco Ltd. Exploration

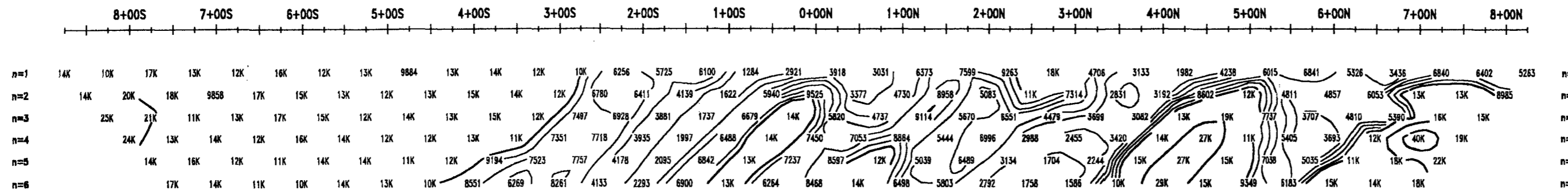
**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

Line 3400E

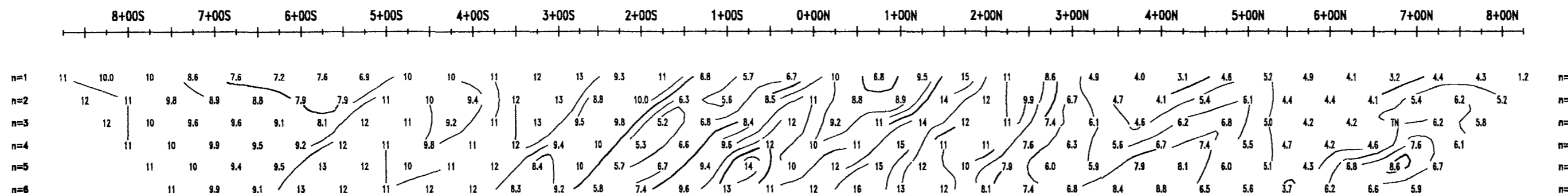
Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703



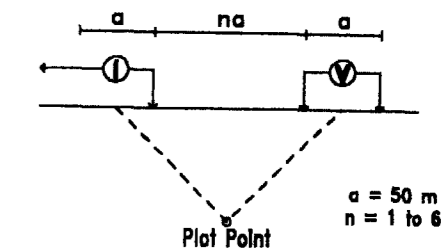
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



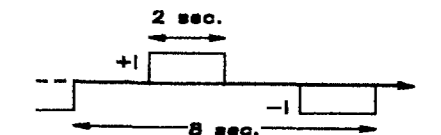
APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1



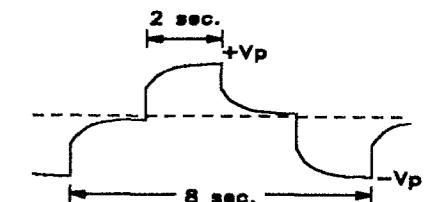
INDUCED POLARIZATION SURVEY Pole-Dipole Array



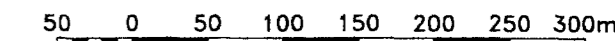
Transmitter: TX-II (GDD), 1.4 kW



Receiver: Eirec-10 (IRIS)



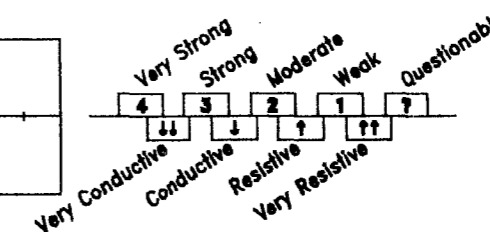
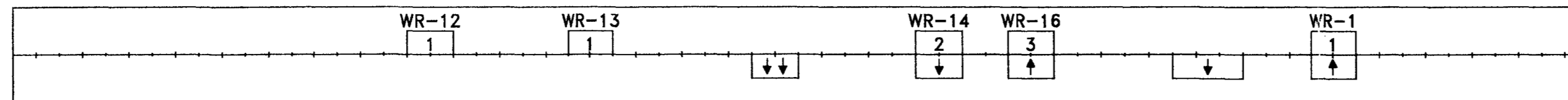
Scale 1 : 5000



42C12NW2009 2.28167 BROTHERS 390

INTERPRETATION

chargeability
resistivity



Teck Cominco Ltd. Exploration

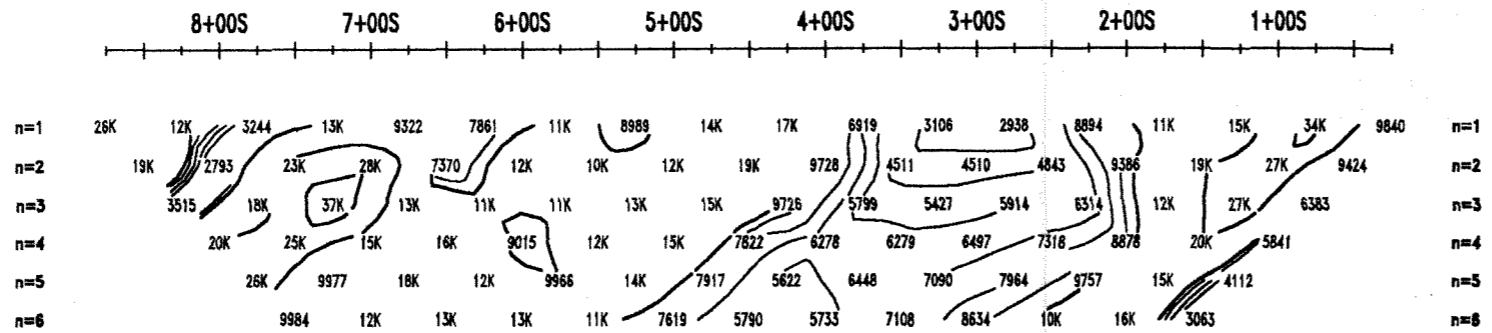
**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

Line 3600E

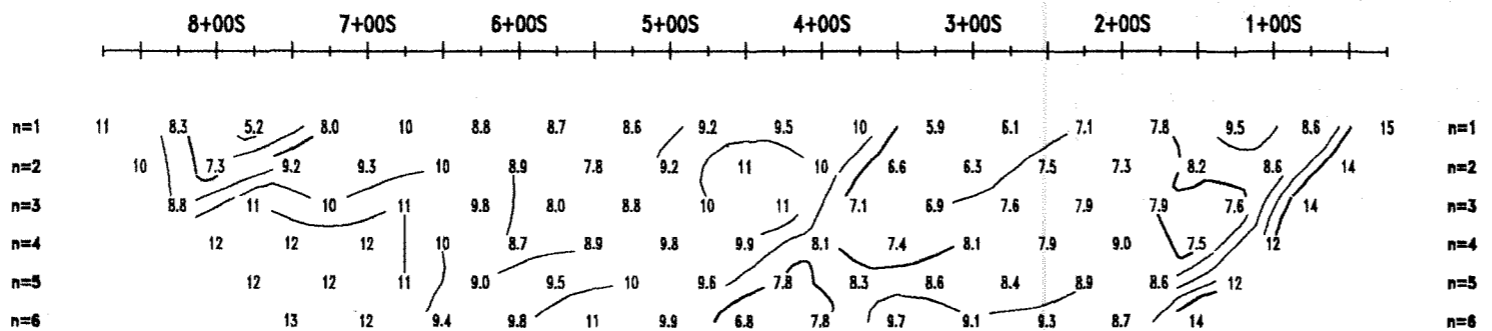
Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: March 2003
Surveyed by: Paul Melancon, Tech.
Reference: 03N703



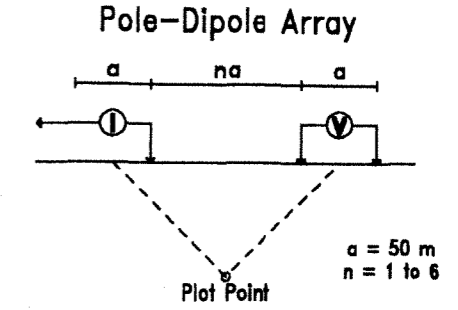
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



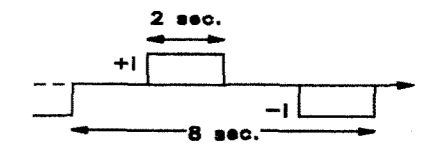
APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1



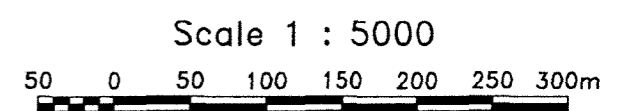
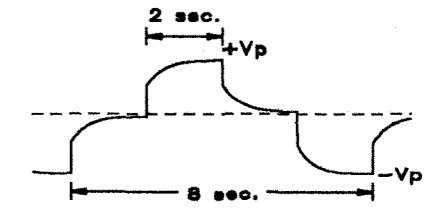
INDUCED POLARIZATION SURVEY



Transmitter: TX-II (GDD), 1.4 kW



Receiver: Eirec-10 (IRIS)



Teck Cominco Ltd. Exploration

**White River Property
Brothers Township
Hemlo Area, Ontario, Canada**

Line 3800E

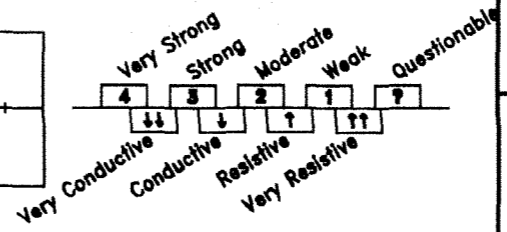
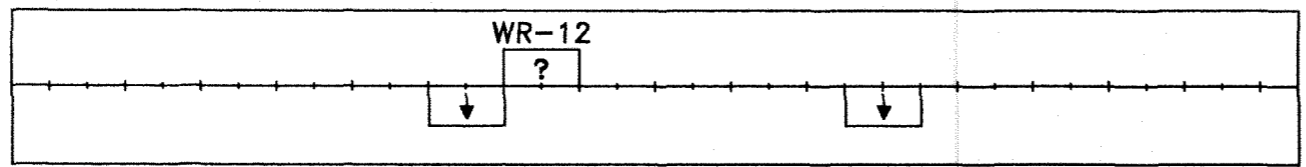
Interpreted by: Pierre Bérubé, Eng.
 Verified by: Martin Dubois, Geo.
 Date of survey: March 2003
 Surveyed by: Paul Melancon, Tech.
 Reference: 03N703

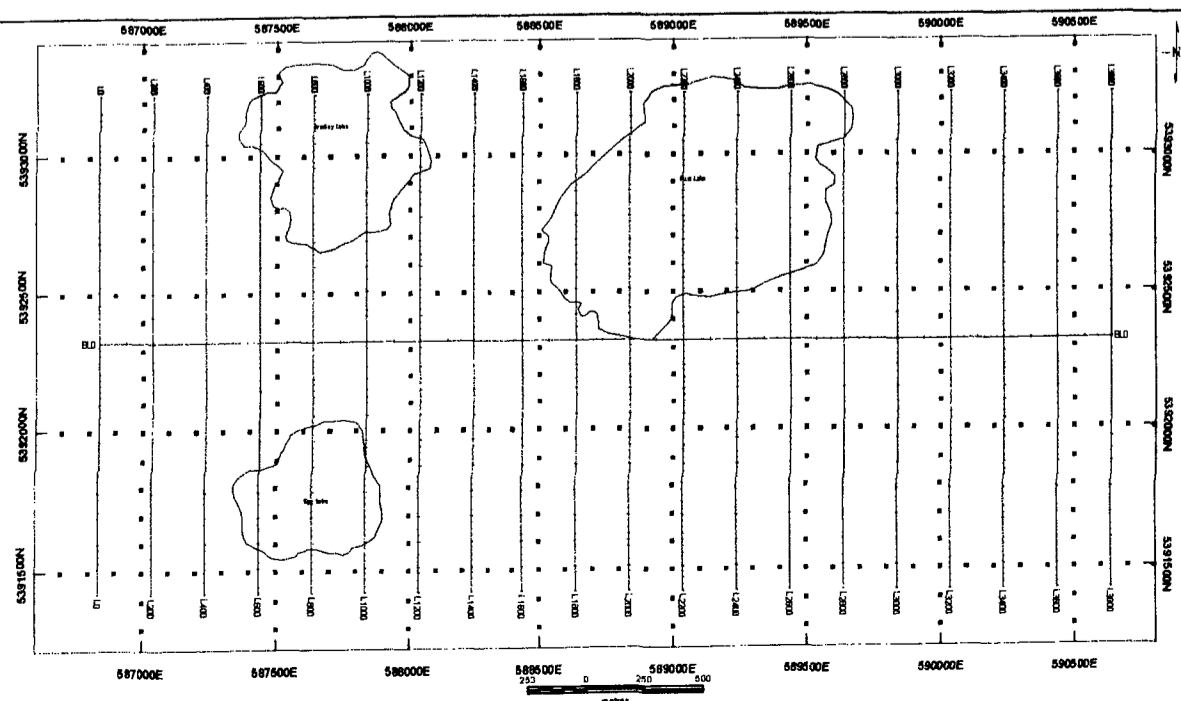
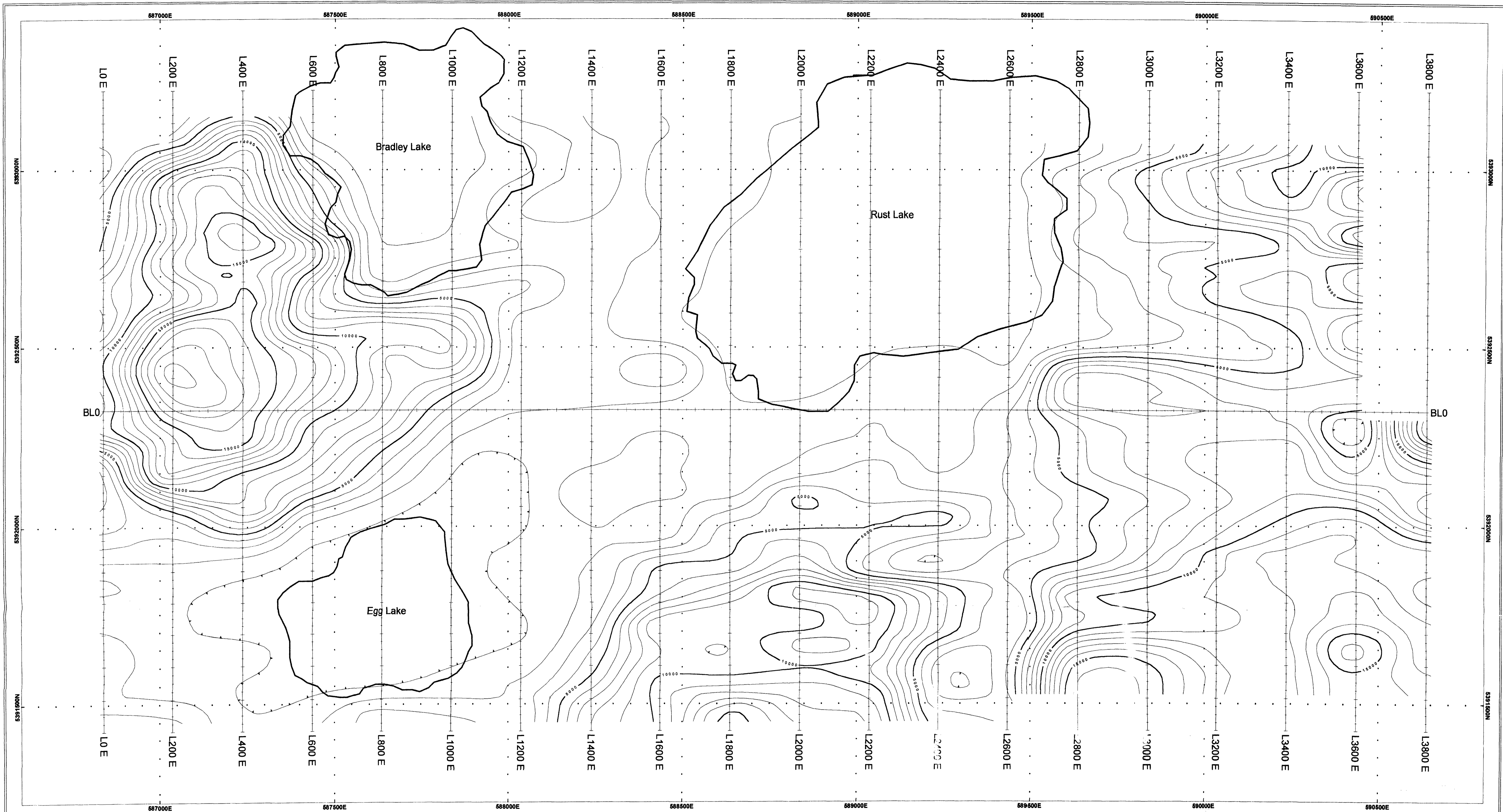


42C12NW2009 2.28167 BROTHERS 400

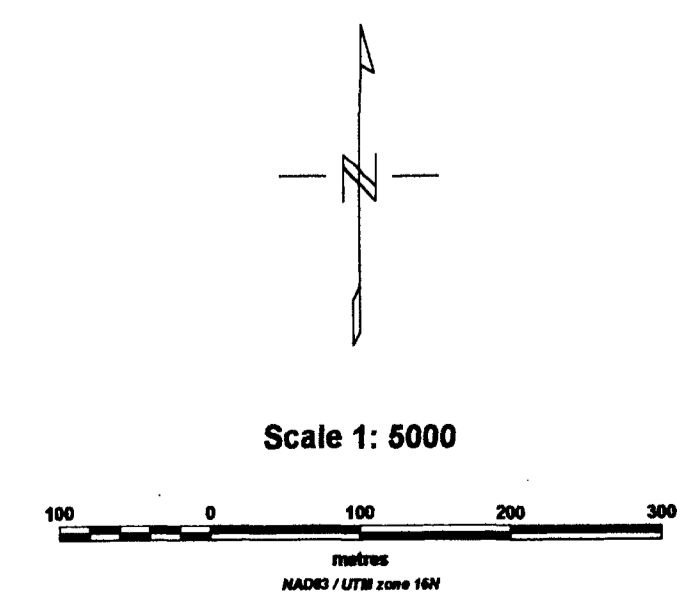
INTERPRETATION

chargeability
resistivity





410



Resistivity contours

Units: Ohm-m
 Transmitter: Tx-II from GDD Instruments
 Receiver: ELREC-10 from Iris Instruments

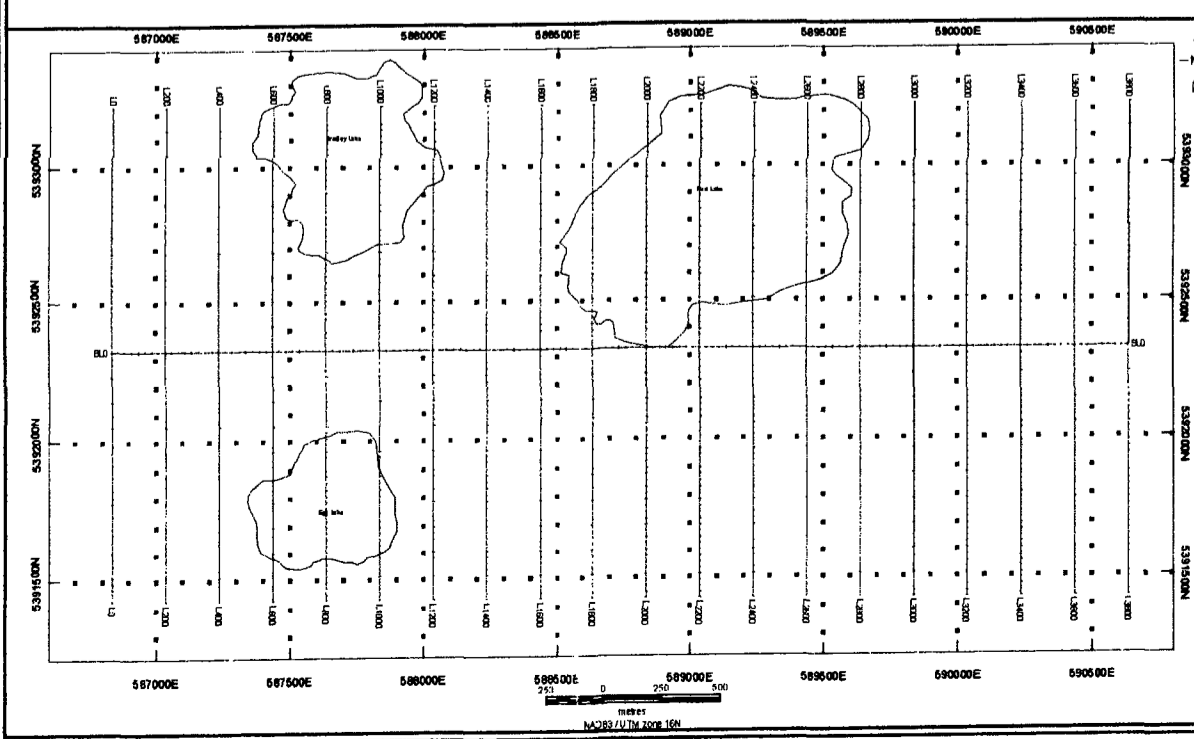
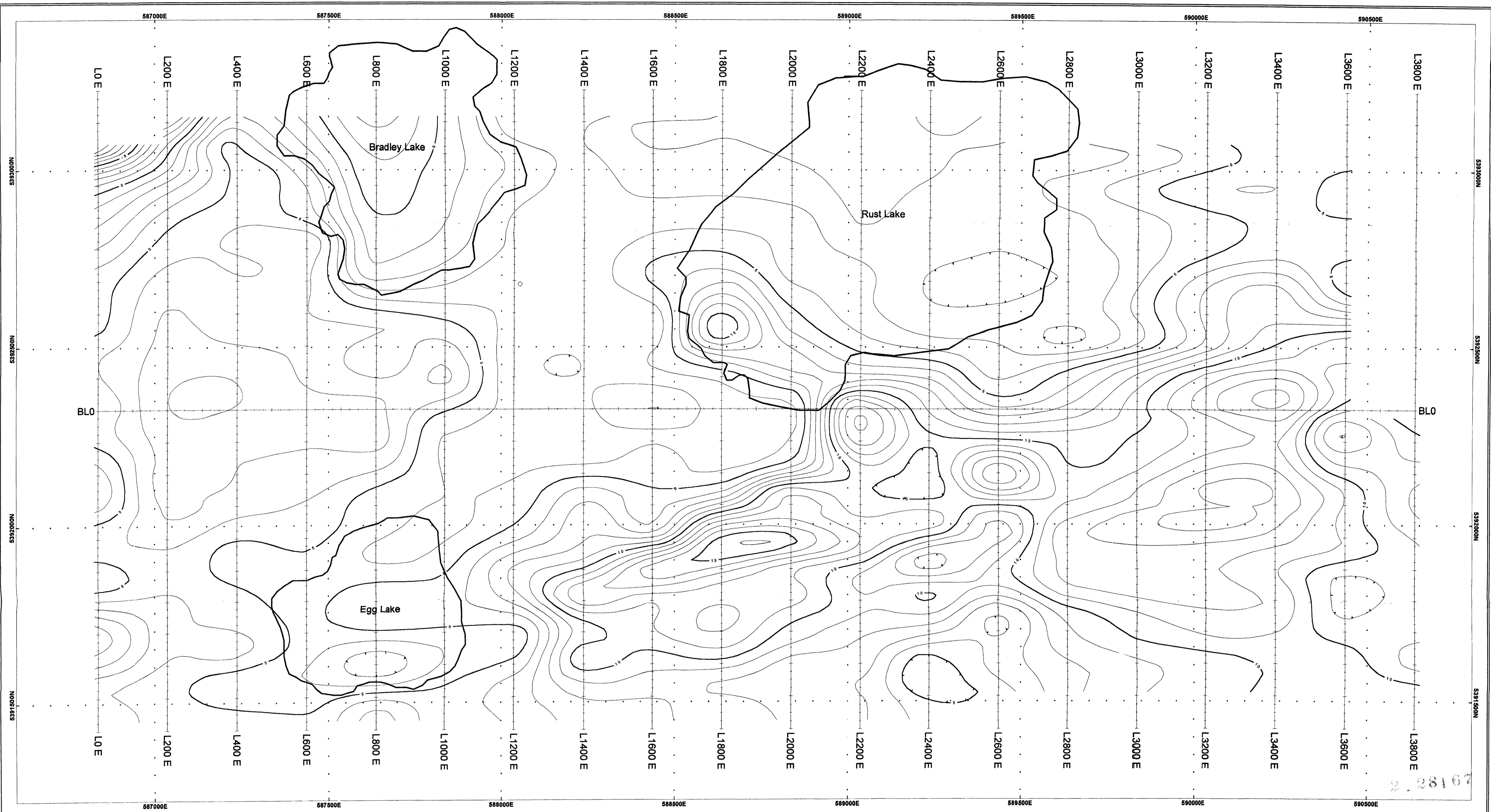
Pole-Dipole Array

n = 1 to 6
 a = 25 m

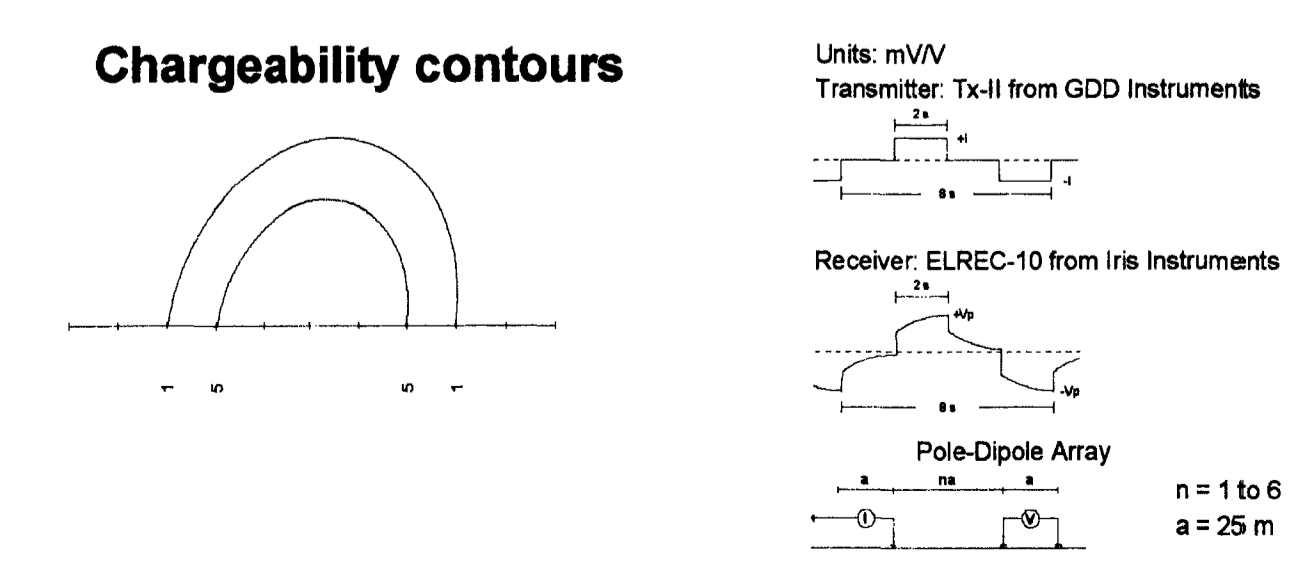
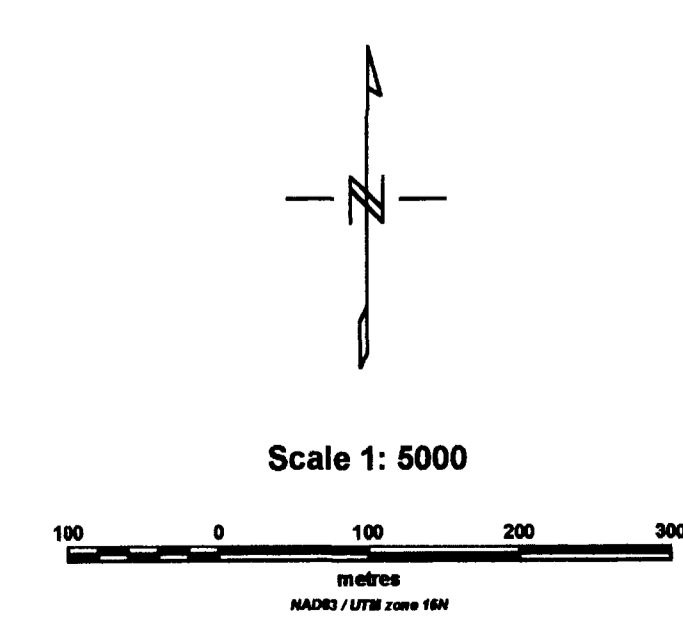
Teck Cominco Ltd. Exploration
White River Property
Brothers Township, Hemlo Area, Ontario

Induced Polarisation survey
image 2D™ resistivity at 75m deep
(Ohm-m)

Interpreted by: P. Bérubé, Eng.	2003-03
Surveyed by: P. Melançon, Tech.	2003-03
Approved by: M. Dubois, Geo.	2003-03
Reference map: 42 C/12	Scale 1: 5000
Project no.: 03N703	Map no.: 8.2



420



**Teck Cominco Ltd. Exploration
 White River Property
 Brothers Township, Hemlo Area, Ontario**

**Induced Polarisation survey
 image 2D™ chargeability at 75m deep
 (mV/V)**

Interpreted by: P. Bérubé, Eng.	2003-03
Surveyed by: P. Melançon, Tech.	2003-03
Approved by: M. Dubois, Geo.	2003-03
Reference map: 42 C/12	Scale 1: 5000
Project no.: 03N703	Map no.: 8.3

**ABITIBI
 GEOPHYSICS**