



TECK COMINCO LIMITED EXPLORATION

RESISTIVITY/INDUCED POLARIZATION SURVEY

LIZAR MINING PROPERTY

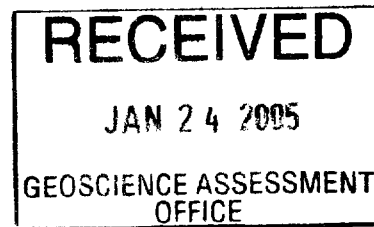
BRECKENRIDGE, LIZAR, MOSAMBIK AND NAMEIGOS TWPS
SAULT STE. MARIE MINING DIVISION, ONTARIO, CANADA

LOGISTICS AND INTERPRETATION REPORT

04N778

OCTOBER 2004

2, 29129



42C15SE2006 2.29129 LIZAR

010

TABLE OF CONTENTS

ABSTRACT	1
1. THE MANDATE	2
2. THE LIZAR PROPERTY	3
3. RESISTIVITY / INDUCED POLARIZATION SURVEY	5
4. DATA PROCESSING AND DELIVERABLES	8
5. RESULTS AND RECOMMENDATIONS	11
6. FOLLOW-UP SUMMARY	14

LIST OF FIGURES

GENERAL LOCATION OF THE LIZAR PROPERTY	2
INDEX OF CLAIMS AND SURVEY AREA COVERED BY THE PRESENT SURVEY	4
THE POLE-DIPOLE ARRAY	5
TRANSMITTED SIGNAL ACROSS $C_1 - C_2$	5
ELREC-10 TIME GATES	6
<i>image2D</i> TM DEMO ON SYNTHETIC DATASETS	10

APPENDIX

DESCRIPTION OF THE IP ANOMALIES OF THE LIZAR PROPERTY	16
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ABSTRACT

On behalf of Teck Cominco Limited Exploration, a resistivity/induced polarization survey was performed on part of the Lizar property, located 90 km north of the town of Wawa, in the Sault Ste. Marie Mining District of Ontario. This work is part of an ongoing gold exploration program.

During September 2004, a total of 40.1 km of line cutting and 34.7 km of IP survey (pole-dipole, $a = 50$ m, $n = 1$ to 6) was carried out. Survey specifications, instrumentation control, data acquisition, processing and interpretation were all successfully performed within our Quality Assurance System framework.

Fifteen IP trends were mapped on the Lizar SW and NE grids. Follow-up includes prospecting and/or diamond drilling on eight of them as a first priority (L-5 & L-9), second priority (L-3 & L-4) or third priority (L-7, L-8, L-11 and L-12). A survey extension is mandatory for L-13 and L-14 lying in the NE grid.

1. THE MANDATE

- PROJECT ID** **Lizar Property**
(Our reference: 04N778)
- GENERAL LOCATION** 90 km north of Wawa, Ontario.
- CUSTOMER** **Teck Cominco Limited Exploration**
855 Field Street
Thunder Bay, Ontario, P7B 6B6
Telephone: (807) 577-4828 Fax : (807) 577-4862
- REPRESENTATIVE** **Mr. Jari Paakki**
Project geologist
jpaakki.teckex@sympatico.ca **Chad Hewson**
Exploration Geophysicist
chad.hewson@teckcominco.com
- SURVEY TYPE** **Time domain resistivity/spectral IP**
- GEOPHYSICAL OBJECTIVE** Detect potential gold mineralization associated with disseminated to stringer sulphides, from surface to a depth of roughly 100 m.



2. THE LIZAR PROPERTY

- LOCATION**

Breckenridge, Lizar, Mosambik and Nameigos Townships
 Sault Ste. Marie Mining District, Ontario, Canada
 Centred on 48° 48' N and 84° 35' W
 or 678000 mE, 5409000 mN (UTM Nad 83).
 NTS map number: 42C/09, 10, 15 and 16
- NEAREST SETTLEMENTS**

White River: 55 km to the SW
 Wawa: 90 km to the south
- ACCESS**

Access to the grid cut area is via a network of well marked logging roads east of HWY 631, approximately 15 km south of Hornepayne. The recommended route is east at South Larken Road then south on Haken Lake Road, for a total trip of about 60 km to the centre of the property.
- CULTURAL FEATURES**

Many logging roads cross the Lizar property, but they had no effect on the IP measurements.
- LAND TENURE**

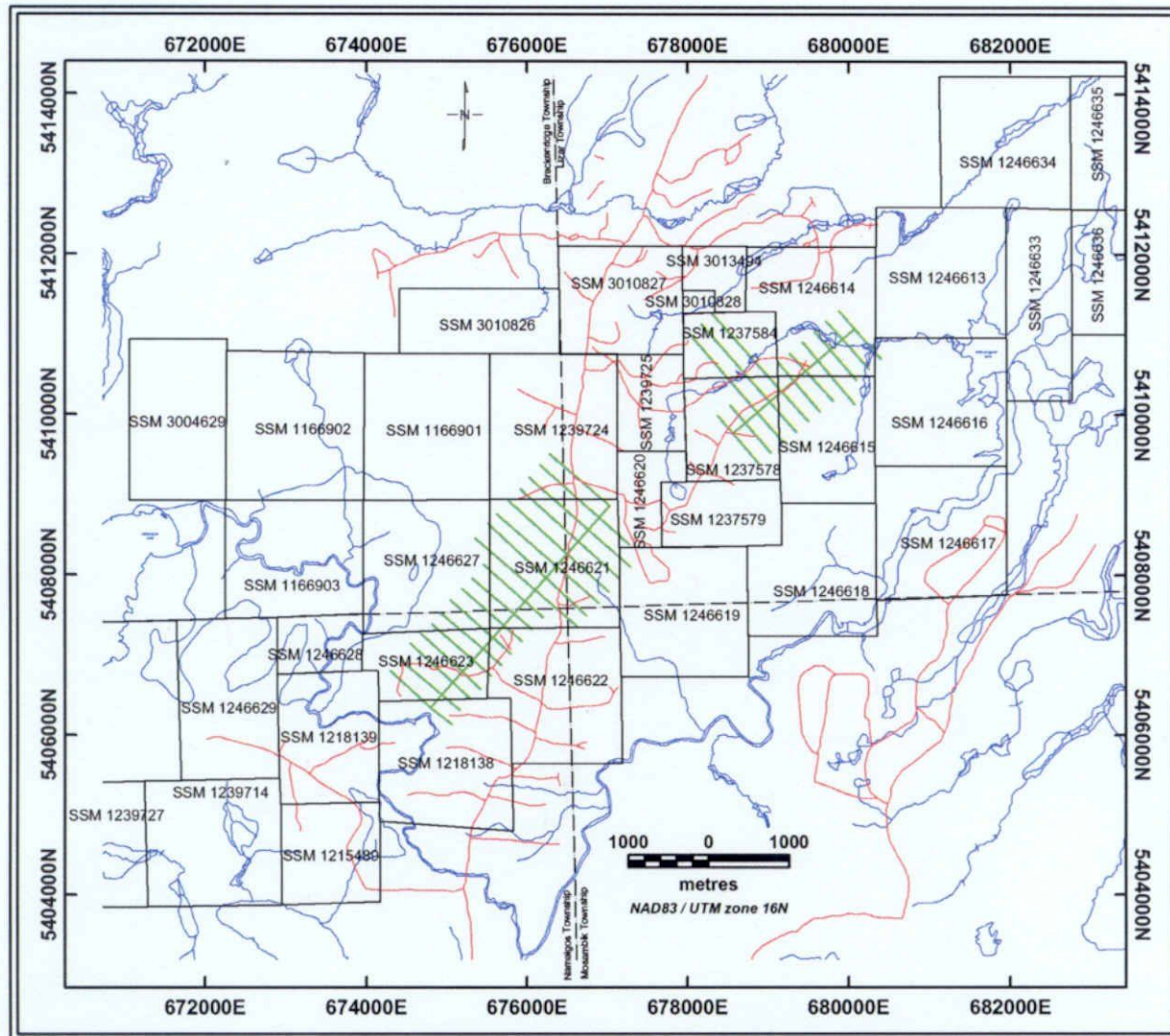
The claim numbers encompassed in the present survey are illustrated on the following page. The Lizar property is wholly owned by Teck Cominco Limited Exploration.
- SURVEY GRID**

Two new survey grids were cut by Lunick Exploration, sub-contractor, prior to the IP campaign. Both grid areas tie-on to an existing grid.

The SW grid BL 0+00 runs at 040° and started at the north-westernmost station of the existing grid (677030 mE, 5408860 mN). Cross lines were cut every 200 m from 45+00W to 11+00 W.

The NE grid BL 0+00 runs at 050° and started at the north-easternmost station of the same existing grid (678570 mE, 5409770 mN). Cross lines were cut every 200 m from 9+00E to 29+00E.
- COORDINATE SYSTEM**

Projection: Universal Transverse Mercator
 Datum: NAD83
 Central meridian: 87°00' W (UTM Zone 16)

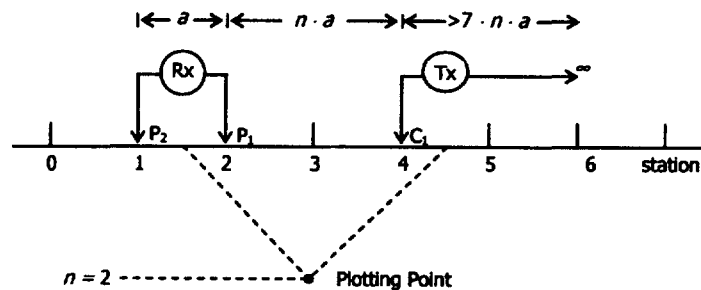


INDEX OF CLAIMS AND SURVEY GRID COVERED BY THE PRESENT SURVEY

3. RESISTIVITY / INDUCED POLARIZATION SURVEY

TYPE OF SURVEY

Time domain resistivity/spectral induced polarization
Pole-dipole array, "a" = 50 m, "n" = 1 to 6



PERSONNEL

Jacques Demers,	crew chief
Nathan Grenier,	field assistant
Maxime Cloutier,	field assistant
Maxime Poirier,	field assistant
Sébastien Leclerc,	field assistant
Martin Dubois, Geo.,	fieldwork supervision, logistics & QC
Annie Lacasse, B.Sc.,	data processing & plotting
Pierre Bérubé, Eng.,	interpretation

DATA ACQUISITION

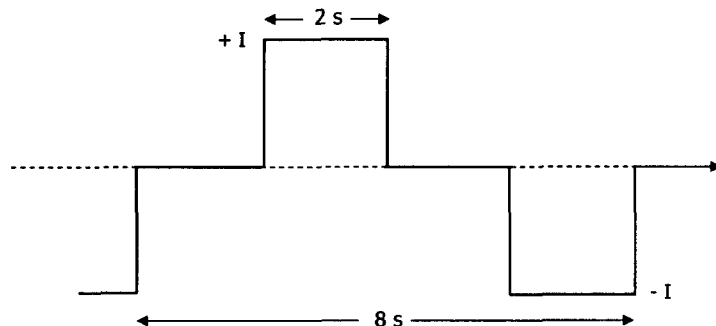
From September 14 to October 02, 2004
We did not experience any down time due to instrument breakdown or telluric noise

SURVEY COVERAGE

34.7 km

IP TRANSMITTER (TX)

GDD Instruments TxIII, s/n 215
Power supply: Kodiak 1800 W
Maximum output: up to 1.8 kW or 10 A or 2000 V
Electrodes: stainless steel stakes
Resolution: 1 mA on output current display I
Waveform: bipolar square wave with 50% duty cycle
Pulse duration: 2 seconds



□ **IP RECEIVER (Rx)**

IRIS Elrec-6, s/n 153 (6 input channels)

Electrodes: stainless steel stakes

V_p Primary voltage measurement:

✧ Input impedance: 10 MΩ

✧ Resolution: 1 μV

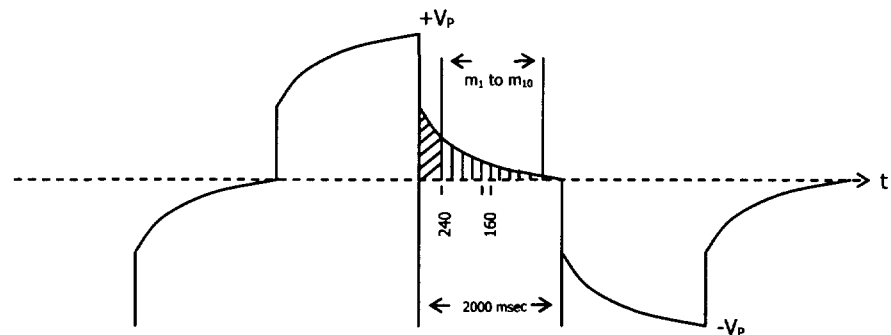
✧ Typical accuracy: 0.3%

M_a Apparent chargeability measurement:

✧ Resolution: 0.1 mV/V

✧ Typical accuracy: 0.6%

✧ Arithmetic sampling mode, 10 time slices (M₁ to M₁₀)



✧ All gates are normalized with respect to a standard decay curve for QC in the field.

□ **APPARENT RESISTIVITY CALCULATION**

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

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 calibrated loads.
- ✓ Receiver was checked using the Abitibi Geophysics SIMP™ certified and calibrated V_p & M_a signal simulator.

During data acquisition:

- ✓ Rx & Tx cable insulation was verified every morning.
- ✓ Proprietary Software *Refusilo*™ allowed a daily thorough monitoring of data quality and survey efficiency.
- ✓ Enough pulses were stacked: 6 pulses for every reading.

At the Base of Operations:

- ✓ Field QCs were inspected & validated.
- ✓ Each IP decay curve was analyzed with *Refusilo*™. The few gates that were rejected were not included in the calculation of the plotted M_a.

☐ **QUALITY STATISTICS**

Pole-dipole: a = 50 m, n = 1 to 6	Lizar Property
Average contact resistance at the R_x	1.2 k Ω
Average output current across C_1 - C_2	1263 mA
Average measured voltage V_p across P_1 - P_2 at $n = 6$	421 mV
Observed gates found to fit a pure electrode polarization relaxation curve	99.4 %
Average deviation of the validated normalized gates with respect to the plotted mean chargeabilities	0.09 mV/V at $n = 1$
	0.17 mV/V at $n = 6$

4. DATA PROCESSING AND DELIVERABLES

- SPECTRAL IP PROCESSING** The spectral analysis of the measured IP decay curve results in a quantitative evaluation of the IP time constant of the various sources. This parameter is the fingerprint of the mineral causing the IP response whereas chargeability is indicative of the amount of this polarizable mineral; both are complementary.

So spectral analysis may lead to mineral discrimination based upon the textural characteristics of the source (graphite, sulphides, oxides, ultramafic rocks, clay minerals). Inversion of the IP decay curves was done using the Australian AGR robust core algorithm. A map of the time constant at a depth of 40 m is presented in addition to the resistivity, chargeability and metal factor maps.

- 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 $\frac{a}{4}$ side and a back-projection 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 page 10.

- 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 that was used will still prevail. With pole-dipole, for instance, resolution is asymmetrical and vertical sources may show a false dip. 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 drill-holes may be superimposed on *image2D™* true-depth sections.

MAPS PRODUCED

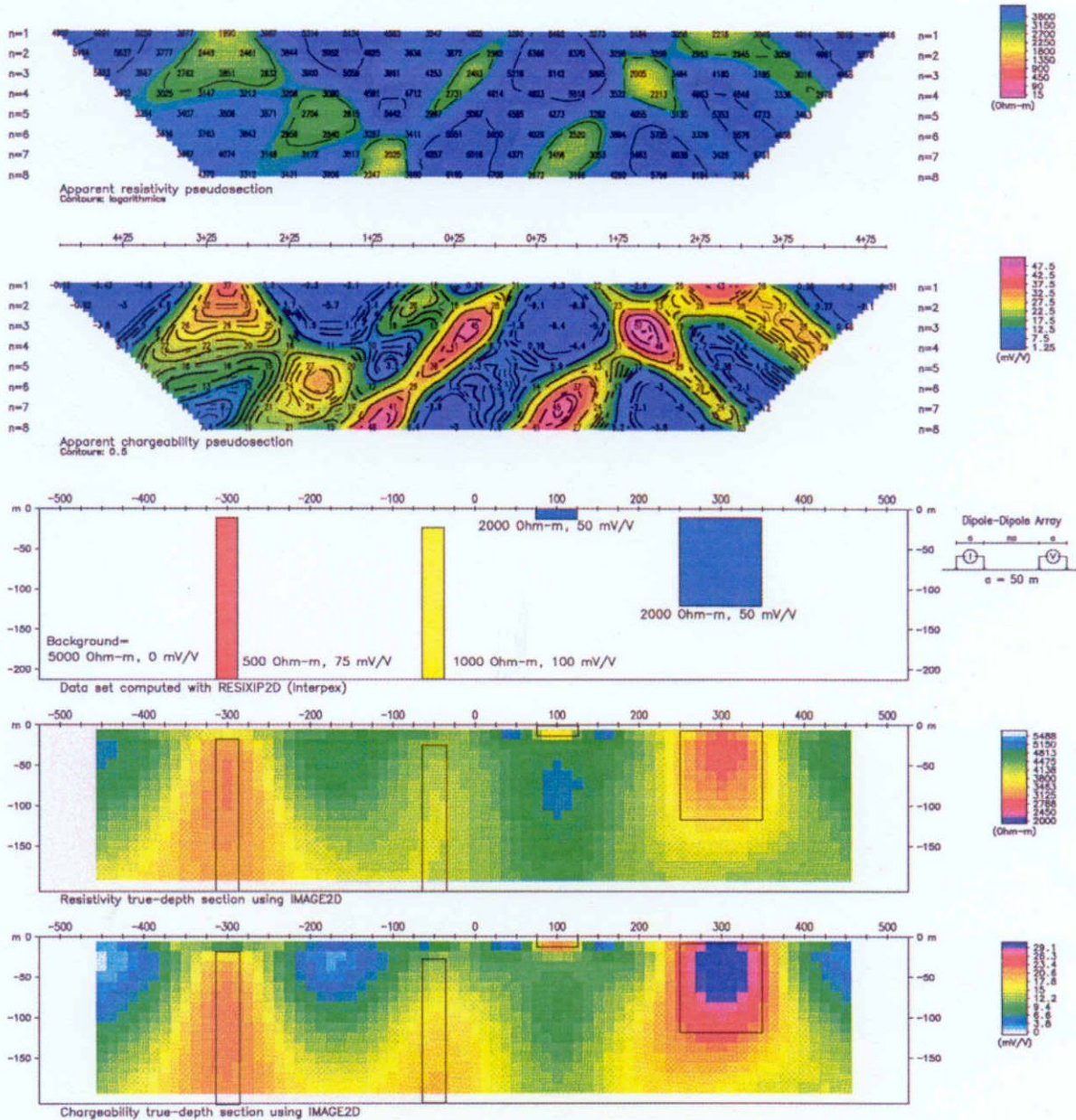
The following colour maps are delivered or inserted in pouches at the end of this report. Our Quality System requires that every final map be inspected by at least two qualified persons before being approved and included within a final report.

Map Number	Description	Scale
Line 45W to 11W and 9E to 29E (29 plates)	Colour Apparent Resistivity & Chargeability Pseudosections and <i>image2D</i> TM True-depth Sections with interpretation	1:5 000
8.2	IP Survey - <i>image2D</i> TM Resistivity at a depth of 63 m	1:10 000
8.3	IP Survey - <i>image2D</i> TM Chargeability at a depth of 63 m	1:10 000
8.5	IP Survey - <i>image2D</i> TM Time Constant at a depth of 63 m	1:10 000
10.0	Geophysical Interpretation	1:10 000

image2DTM demo on synthetic datasets

Top half of figure: classic 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 RECOMMENDATIONS

☐ RESISTIVITY MAP

Three types of features are noteworthy on the *image2D™* resistivity map (#8.2):

- E-W to N-S trending lows interpreted to be faults. These structures would be younger than most of the sources of the polarizable trends.
- Ovoid-shaped resistive zones, mainly lying in the center of the SW grid.

Both these conductive and resistive features have been reported on the Geophysical Interpretation Map (#10.0). The conductors have been traced as green lines with a superimposed geophysically inferred fault symbol and the 10000 Ωm contour line (in blue) was chosen to delineate the resistive zones. Bedrock is believed to be outcropping or sub-cropping within these blue-shaded areas. A few IP trends are embedded in these resistive zones and could probably be investigated by prospecting (stripping/trenching) before being further assessed by diamond drilling.

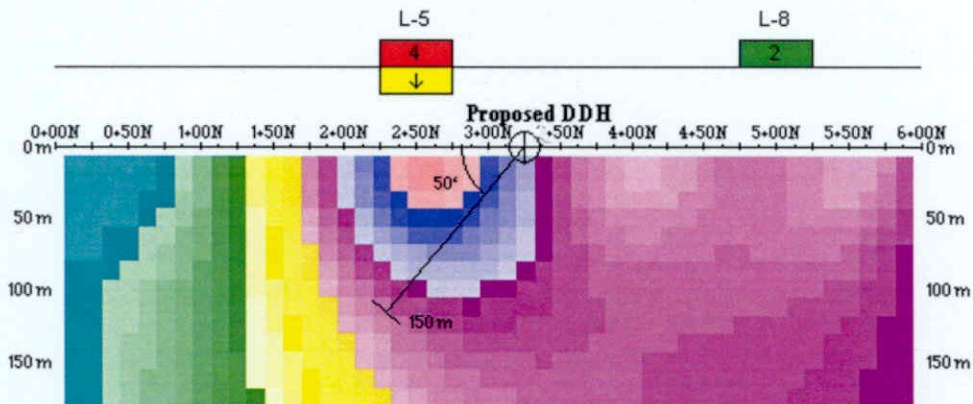
☐ CHARGEABILITY MAP

The *image2D™* chargeability map (#8.3), plotted at a depth of 63 m, shows a good general correlation with the resistivity map. Many of the anomalous IP responses are located within or alongside resistive zones. In many cases, the chargeability high may simply be sympathetic to these resistivity highs (bedrock ridge effect where the polarizability is of constrictive nature). This may also suggest altered units (silicified/carbonatized) having resisted weathering, with or without minor disseminated sulphides.

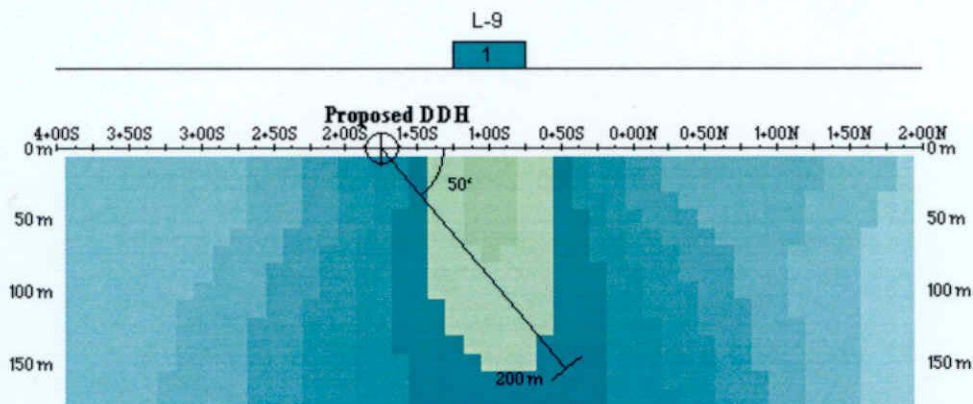
Following a meticulous interpretation of the pseudosections and with the help of the *image2D™* true-depth sections, a total of 15 resistivity/IP anomalies were compiled. The inferred surface projection of the resistivity/IP signatures are shown along the survey lines on both the Geophysical Interpretation Map and the pseudosection plates. These anomalies have been correlated from line-to-line according to their strength, resistivity association, strike-trends, Cole-Cole time constant and other similar characteristics. They are fully described in Appendix A.

□ **FIRST-PRIORITY EXPLORATION TARGETS (L-5 AND L-9)**

IP trend **L-5** is the most interesting exploration target on both survey grids. Polarizability is at a maximum on lines 27+00W and 25+00W where the source is also somewhat conductive. According to the resistivity and chargeability *image2D™* True-depth sections, the source of **L-5** is sub-cropping, allowing a first investigation by prospecting between lines 27+00W and 25+00W. If results prove encouraging, it should then be drill-tested on line 25+00W:

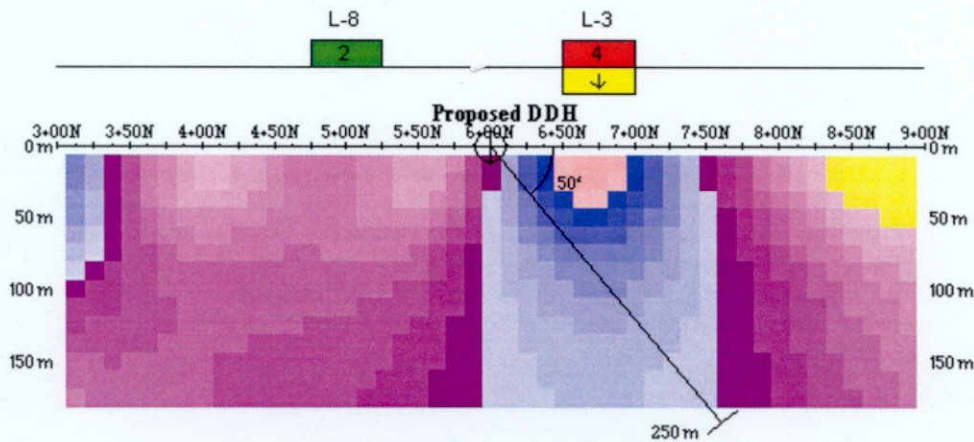


IP trend **L-9** shows a weak chargeability response. However, the *image2D™* resistivity True-depth section suggests an important conductive overburden layer. The source should therefore contain at least 10% of polarizable minerals. The best response is on line 19+00W where it should be drill-tested as a first-priority:



□ SECOND-PRIORITY EXPLORATION TARGETS (L-3 AND L-4)

IP trend L-3 represents a strongly polarizable source, possibly of formational nature. It strikes NNE at the western boundary of the Lizar SW grid. The southernmost portion is not well defined at the end of the survey lines. On the northernmost portion, the anomaly definition is better and the *image2D™* chargeability True-depth section shows a poor depth extension. The *image2D™* resistivity True-depth section suggests no or very little overburden in the area allowing an investigation of L-3 by prospecting along its northernmost section (from line 25+00W). Alternatively a DDH could be implemented on line 25+00W:



IP trend L-4 shows a different signature from the above-described anomalies. The chargeability response is fairly strong but it is embedded in a very resistive zone. The source might therefore be disseminated sulphides in a silicified or carbonatized zone. Prospecting is recommended between lines 35+00W and 33+00W.

□ THIRD-PRIORITY EXPLORATION TARGETS

- L-7, L-8, L-11 and L-12: prospecting recommended.
- L-13 and L-14: survey extension required for a better appraisal.
- L-2: magnetic field data could definitely classify this one as a magnetite-rich source.

6. FOLLOW-UP SUMMARY

PROSPECTING

Priority	Anomaly	Target
1	L-5	From [27+00W, 2+75N] To [25+00W, 2+50N]
2	L-3	From [25+00W, 6+75N] To [19+00W, 8+50N]
	L-4	From [35+00W, 0+25N] To [33+00W, 0+25N]
3	L-7	Circa [27+00W, 1+25S]
	L-8	From [27+00W, 4+25N] To [25+00W, 5+00N]
	L-11	Circa [17+00W, 6+00N]
	L-12	Circa [15+00E, 2+25N]

DRILL-TESTING

Priority	Anomaly	DDH Target		
		line	station	depth
1	L-5*	25+00W	2+50N	75 m
	L-9	19+00W	1+00S	100 m
2	L-3*	25+00W	6+75N	100 m
* Prospecting is recommended first				


SURVEY EXTENSION

Priority	Anomaly
3	L-13
	L-14



The interpretation of the geophysical data embodied in this report is essentially a geophysical appraisal of the Lizar property. As such, it incorporates only as much geoscientific 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 recognized in this study might be down-graded or up-graded.

Respectfully submitted,
Abitibi Geophysics Inc.



Pierre Bérubé, eng.
Geophysicist

PB/cp

Appendix A

Description of the IP anomalies on the Lizar Property



Anomaly	Location		Contrast			Comments	Priority
	Line	Station	Charg.	Res.	Time K		
L-1	41+00W	2+75N	?	↑	2.0	Constriction polarization due to silicate minerals? No further work recommended for now.	4
	39+00W	3+25N	1	↑	2.0		
L-2	39+00W	1+75S	1	↑ (R)	1.9	Low time constant typical of oxides. Disseminated magnetite? To be confirmed with the magnetic field results.	3
	37+00W	1+63S	2	↑↑ (R)	1.7		
	35+00W	2+25S	1	↑ (R)	1.4		
	33+00W	2+25S	1	↑ (R)	1.5		
L-3	39+00W	5+50N	2	-	2.0	Strongly polarizable NNE lineament lying at the western boundary of the SW grid. Ill defined from 39+00W to 27+00W. Limited depth extension of the polarizable source. Sub-cropping source. Formational response? Prospecting recommended from lines 25+00W to 19+00W, alternatively a DDH could be implemented on line 25+00W.	2
	37+00W	North end	3	-	2.0		
	35+00W	North end	2	-	1.9		
	31+00W	North end	3	-	1.8		
	29+00W	North end	4	-	2.0		
	27+00W	North end	3	-	2.1		
	25+00W	6+75N	4	↓	2.2		
	23+00W	7+25N	3	-	2.1		
	21+00W	8+00N	3	↓	2.0		
19+00W	8+50N	3	-	2.0			
L-4	37+00W	0+00N	2	↑↑ (R)	2.0	Anomalous chargeability response embedded in a wide resistive and polarizable zone. Silicified/carbonatized zone having resisted weathering? Prospecting recommended between lines 35+00W and 33+00W.	2
	35+00W	0+25N	3	↑ (R)	2.1		
	33+00W	0+25N	3	↑ (R)	2.2		
L-5	35+00W	3+25N	2	-	2.0	Sub-cropping polarizable source. First-priority target to be prospected between lines 27+00W and 25+00W, if prospecting is positive, then it should be drilled on line 25+00W.	1
	33+00W	2+25N	2	-	2.2		
	31+00W	2+38N	2	-	2.1		
	29+00W	2+50N	3	-	2.0		
	27+00W	2+75N	4	↓	2.0		
	25+00W	2+50N	4	↓	2.1		
	23+00W	3+25N	2	-	2.0		
L-6	29+00W	0+00N	1	-	2.0	Constriction polarization due to silicate minerals? No further work recommended for now.	4
	27+00W	0+75N	1	(R)	2.0		

Appendix A

Description of the IP anomalies on the Lizar Property



Anomaly	Location		Contrast			Comments	Priority
	Line	Station	Charg.	Res.	Time K		
L-7	27+00W	1+25S	2	↑ (R)	2.0	NE extension of L-4? Prospecting recommended on line 27+00W.	3
	25+00W	1+25S	1	↑	2.0		
	23+00W	1+50S	?	↑	2.0		
L-8	27+00W	4+25N	3	(R)	2.0	Polarizable source embedded in a resistive zone. Prospecting recommended between lines 27+00W and 25+00W.	3
	25+00W	5+00N	2	(R)	2.0		
L-9	21+00W	0+75S	1	-	2.0	Very weakly polarizable source lying under an important conductive layer of overburden. First-priority DDH recommended on line 19+00W.	1
	19+00W	1+00S	1	-	2.0		
	17+00W	1+00S	?	-	2.0		
L-10	21+00W	1+25N	1	↑	2.0	Single-line response on trend with L-6. Likely to be abandoned.	5
L-11	19+00W	5+50N	?	-	2.0	Sub-cropping polarizable source embedded in a resistive zone. Prospecting recommended on line 17+00W.	3
	17+00W	6+00N	2	(R)	2.0		
L-12	13+00E	1+25N	?	↑	2.0	Silicified/carbonatized zone having resisted weathering with minor sulphides? Prospecting is recommended on line 15+00E.	3
	15+00E	2+25N	1	↑	2.0		
L-13	13+00E	8+75N	1	-	2.0	Very weakly polarizable source. Open-ended at both ends. Survey extension required.	3
	15+00E	9+25N	1	-	2.1		
	17+00E	8+75N	1	↑	2.0		
L-14	15+00E	6+50N	?	-	2.1	Very weakly polarizable source. Open-ended to the NE. Survey extension required.	3
	17+00E	6+25N	1	-	2.0		
L-15	21+00E	1+00N	?	(R)	2.0	Constriction polarization due to silicate minerals? Likely to be abandoned.	5
	23+00E	2+00N	?	(R)	2.0		

LEGEND:

Chargeability

Increase

? = Marginal

1 = Weak

2 = Moderate

3 = High

4 = Very High

Resistivity

Increase

↑ = Resistive

↑↑ = Very Resistive

(R) = Wide Resistive Zone

Decrease

↓ = Conductive

↓↓ = Very Conductive

Work Report Summary

Transaction No: W0550.00122 Status: APPROVED
 Recording Date: 2005-JAN-24 Work Done from: 2004-SEP-14
 Approval Date: 2005-FEB-03 to: 2004-OCT-02

Client(s):
 300786 RESSOURCES FREEWEST CANADA INC., FREEWEST RESOURCES CANADA INC.

Survey Type(s):
 IP LC

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
SSM 1218138	\$1,505	\$1,505	\$0	\$0	\$0	0	\$1,505	\$1,505	2006-SEP-10
SSM 1237578	\$7,712	\$7,712	\$0	\$0	\$0	0	\$7,712	\$7,712	2006-NOV-01
SSM 1237584	\$4,890	\$4,890	\$0	\$0	\$0	0	\$4,890	\$4,890	2006-NOV-01
SSM 1239724	\$2,257	\$2,257	\$0	\$0	\$0	0	\$2,257	\$2,257	2006-JUN-12
SSM 1246614	\$7,335	\$7,335	\$0	\$0	\$0	0	\$7,335	\$7,335	2006-FEB-15
SSM 1246615	\$5,079	\$5,079	\$0	\$0	\$0	0	\$5,079	\$5,079	2006-FEB-15
SSM 1246619	\$376	\$376	\$0	\$0	\$0	0	\$376	\$376	2006-FEB-15
SSM 1246620	\$376	\$376	\$0	\$0	\$0	0	\$376	\$376	2006-FEB-15
SSM 1246621	\$25,957	\$25,957	\$0	\$0	\$0	0	\$25,957	\$25,957	2006-FEB-15
SSM 1246622	\$1,693	\$1,693	\$0	\$0	\$0	0	\$1,693	\$1,693	2006-FEB-15
SSM 1246623	\$11,662	\$11,662	\$0	\$0	\$0	0	\$11,662	\$11,662	2006-FEB-15
SSM 1246627	\$1,881	\$1,881	\$0	\$0	\$0	0	\$1,881	\$1,881	2006-MAR-07
	\$70,723	\$70,723	\$0	\$0	\$0	\$0	\$70,723	\$70,723	

External Credits: \$0

Reserve: \$70,723 Reserve of Work Report#: W0550.00122

\$70,723 Total Remaining

Status of claim is based on information currently on record.



42C15SE2006 2.29129 LIZAR

900

Date: 2005-FEB-03

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

RESSOURCES FREEWEST CANADA INC.,
FREEWEST RESOURCES CANADA INC.
615 BOULEVARD RENE LEVESQUE
SUITE 1200
MONTREAL, QUEBEC
H3B 1P5 CANADA

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

Submission Number: 2.29129
Transaction Number(s): W0550.00122

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 STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,



Ron C. Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Teck Cominco Limited
(Agent)

Ressources Freewest Canada Inc., Freewest
Resources Canada Inc.
(Assessment Office)

Assessment File Library

Ressources Freewest Canada Inc., Freewest
Resources Canada Inc.
(Claim Holder)

Date / Time of Issue: Mon Feb 21 09:57:50 EST 2005

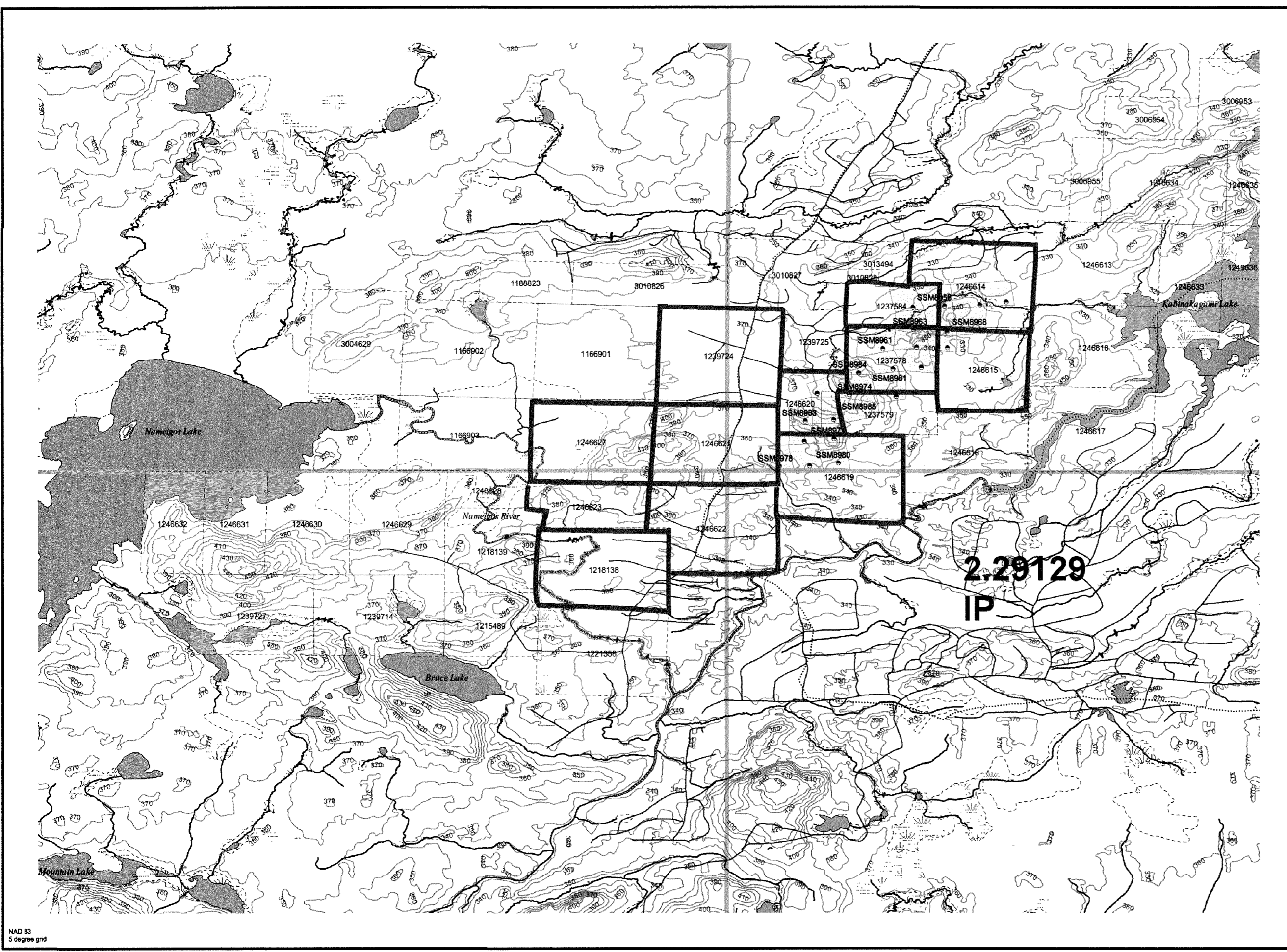
TOWNSHIP / AREA
NAMEIGOS

PLAN
G-2283

ADMINISTRATIVE DISTRICTS / DIVISIONS

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

Sault Ste. Marie
ALGOMA
WAWA

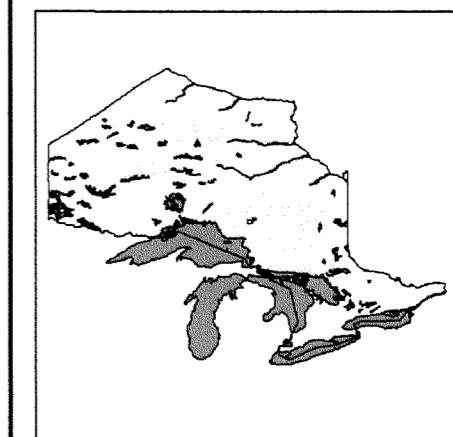


TOPOGRAPHIC

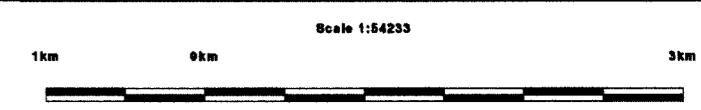
- Administrative Boundaries
- Township
- Concession, Lot
- Provincial Park
- Indian Reserve
- Cliff, Pit & Pile
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

- Freehold 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**
 - Uses Not Specified
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
 - Land Use Permit
 - Order In Council (Not open for staking)
 - Water Power Lease Agreement
- Mining Claim
- Filed Only Mining Claims



- LAND TENURE WITHDRAWALS**
- Areas Withdrawn from Disposition
 - Mining Acts Withdrawal Types**
 - Surface And Mining Rights Withdrawn
 - Surface Rights Only Withdrawn
 - Mining Rights Only Withdrawn
 - Order In Council Withdrawal Types**
 - Surface And Mining Rights Withdrawn
 - Surface Rights Only Withdrawn
 - Mining Rights Only Withdrawn
 - No
- IMPORTANT NOTICES**



NAD 83
5 degree grid

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the land tenure shown on this local Land Title Map. This information may also be obtained through the Provincial Mining Recorders' Office.

General Information and Limitations

Contact Information:
Provincial Mining Recorders' Office
Willet Green Miller Centre 933 Ramsey Lake Road
Sudbury ON P3E 6B5
Home Page: www.mndm.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Toll Free
Tel: 1 (888) 415-9845 ext 5777
Fax: 1 (877) 670-1444

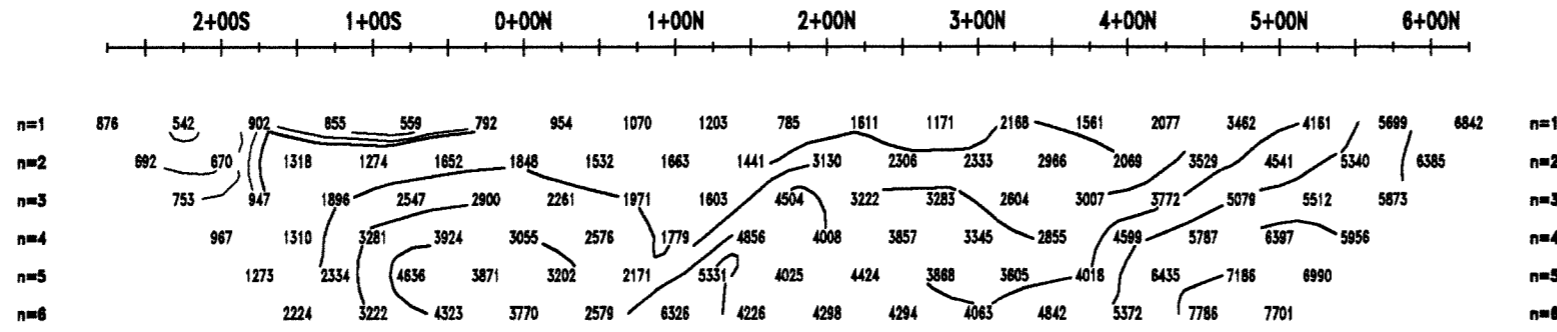
Map Datum: NAD 83
Projection: Geographic Coordinates
Topographic Data Source: Land Information Ontario
Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.



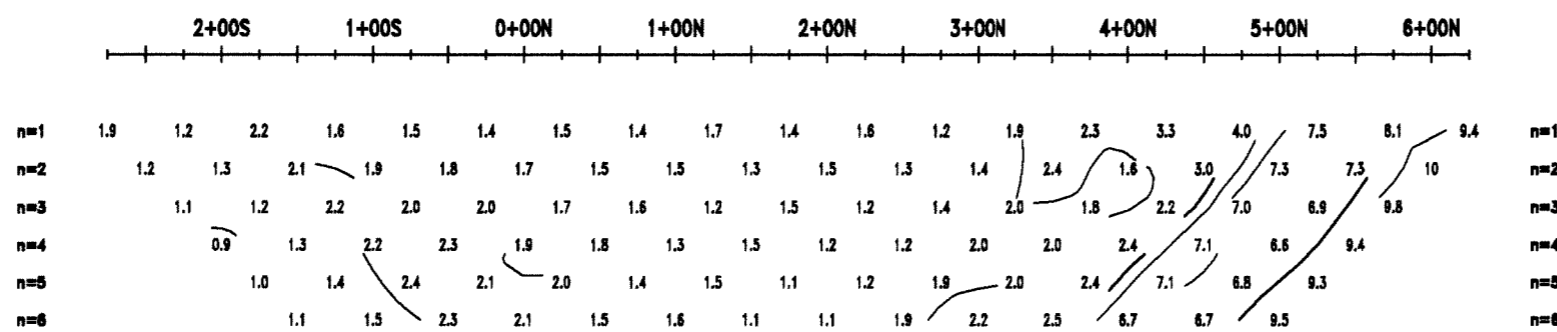
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmics



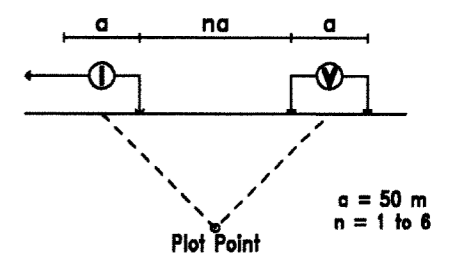
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

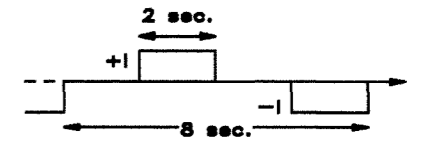


INDUCED POLARIZATION SURVEY

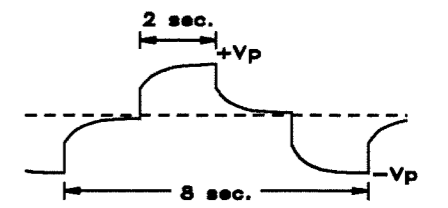
Pole-Dipole Array



Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



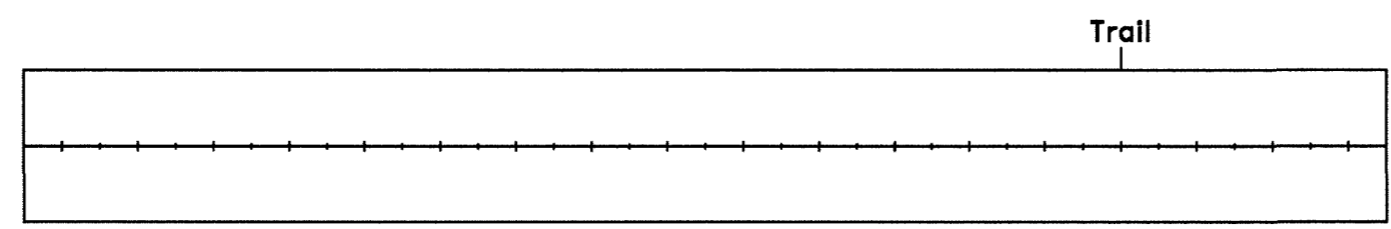
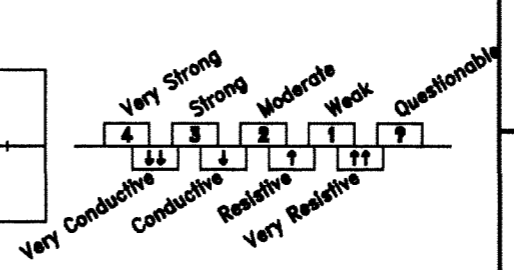
TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario

Line 45+00W

Interpreted by:
Verified by:
Date of survey:
Surveyed by:
Reference:

Pierre Bérubé, Eng.
Martin Dubois, Geo.
September 2004
Jacques Demers
04N778

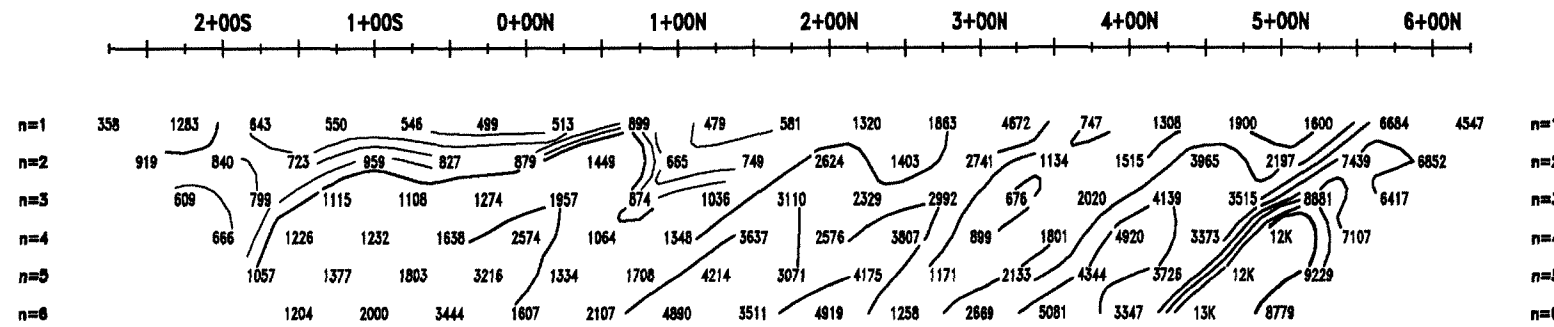


INTERPRETATION



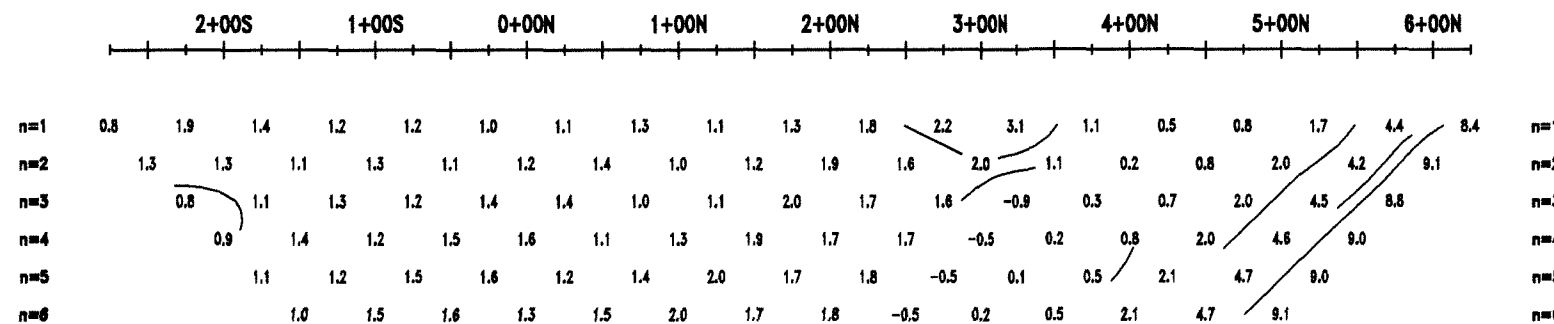
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



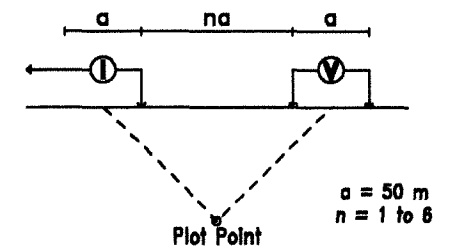
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

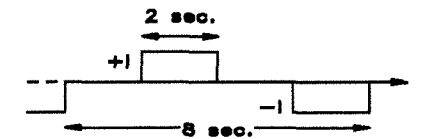


INDUCED POLARIZATION SURVEY

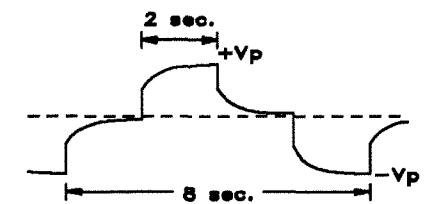
Pole-Dipole Array



Transmitter: TX-III (GDD), 1.8 kW



Receiver: Eirec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

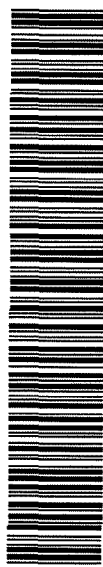
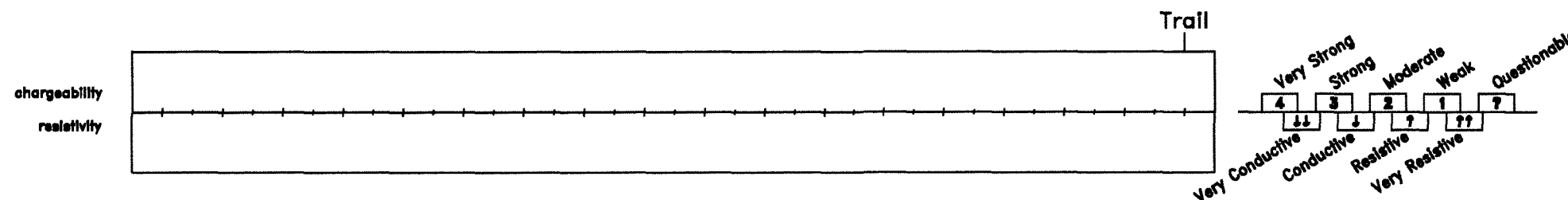
**Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario**

Line 43+00W

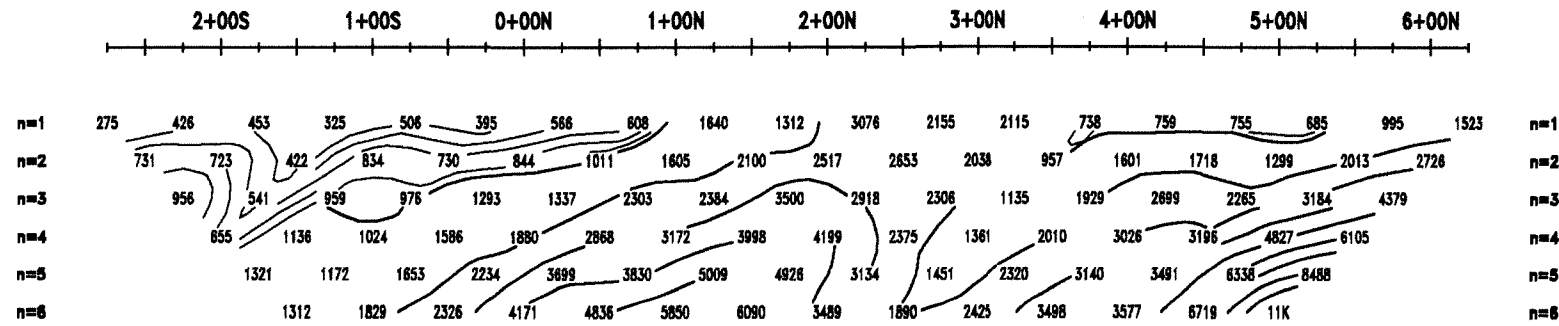
Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

ABITIBI
GEOPHYSICS

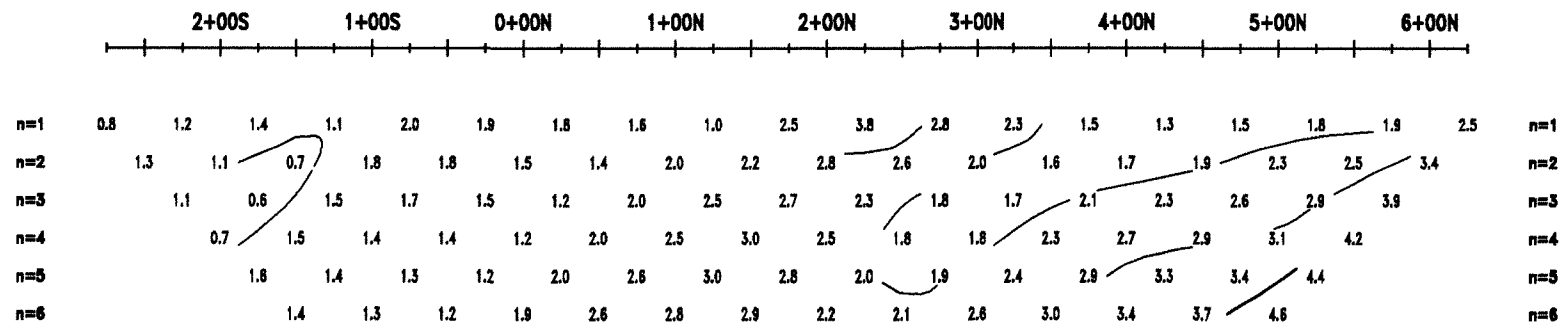
INTERPRETATION



APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic

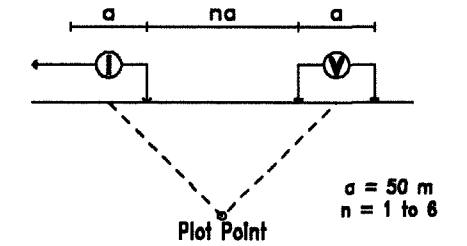


APPARENT CHARGEABILITY PSEUDO SECTION
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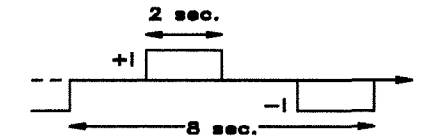


INDUCED POLARIZATION SURVEY

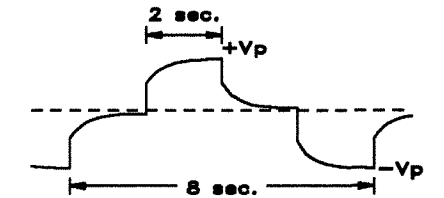
Pole-Dipole Array



Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario

Line 41+00W

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

ABITIBI
GEOPHYSICS

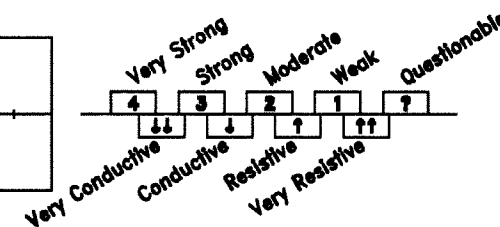
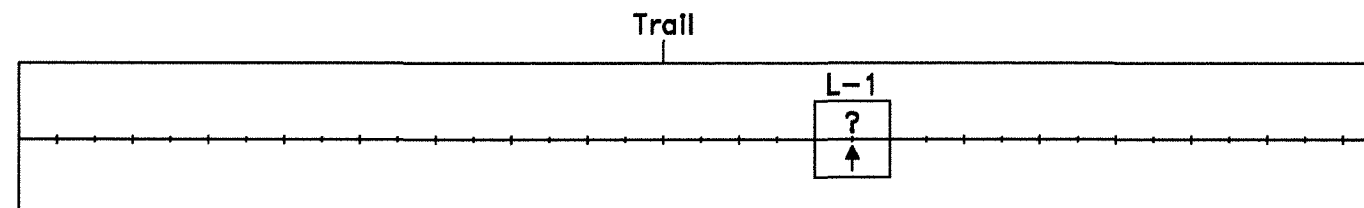
230



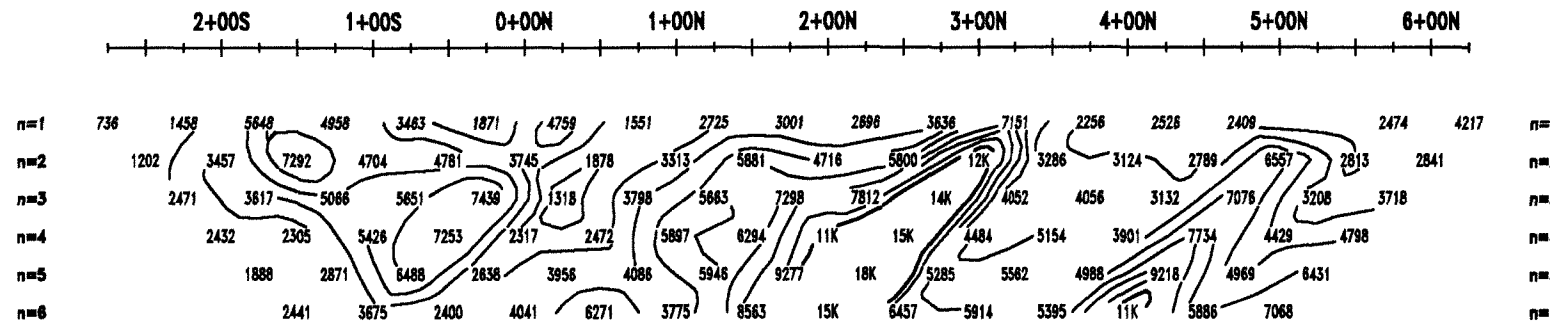
42C15SE2006 2.29129 LIZAR

INTERPRETATION

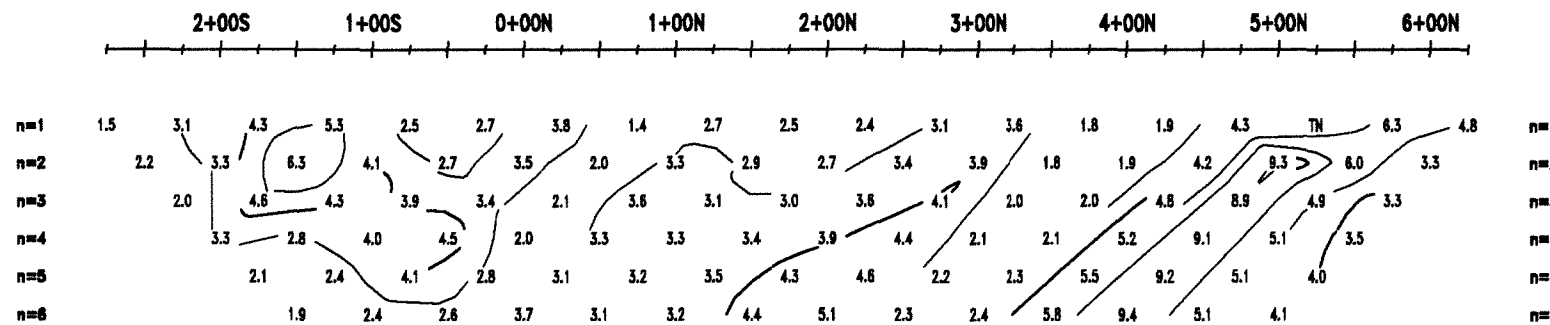
chargeability
resistivity



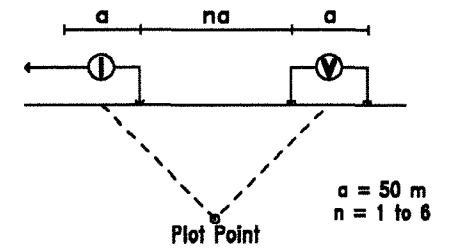
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



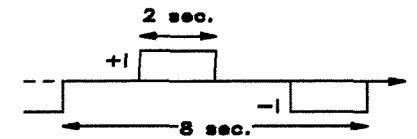
APPARENT CHARGEABILITY PSEUDO SECTION
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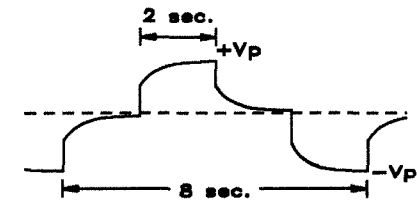
INDUCED POLARIZATION SURVEY Pole-Dipole Array



Transmitter: TX-III (GDD), 1.8 kW



Receiver: Eirec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

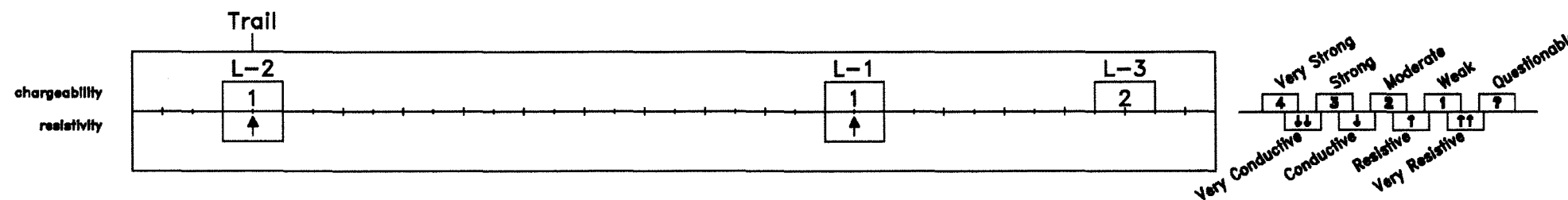
Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario

Line 39+00W

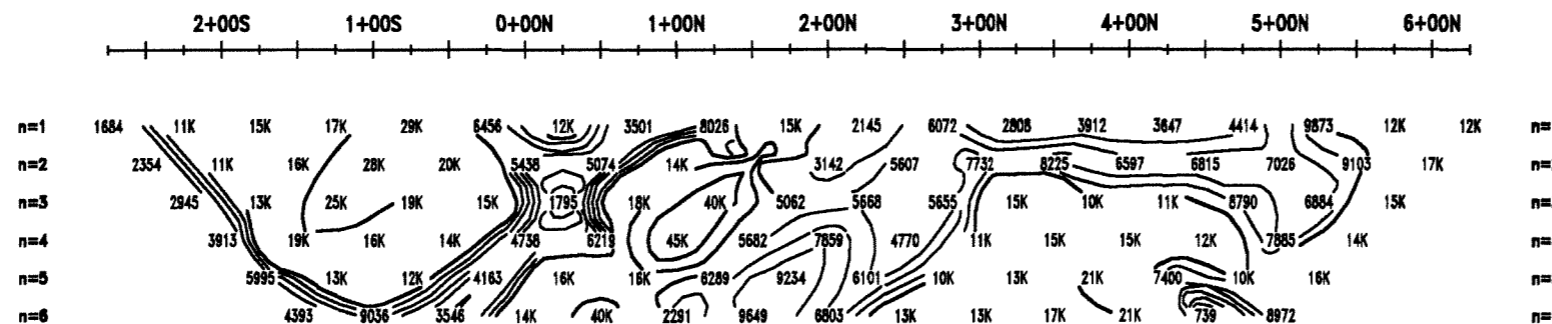
Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

ABITIBI
GEOPHYSICS

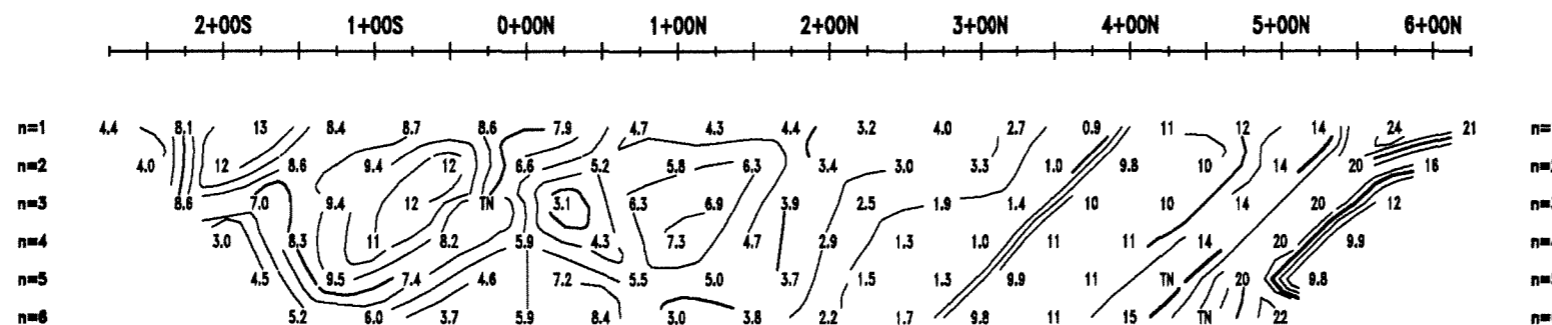
INTERPRETATION



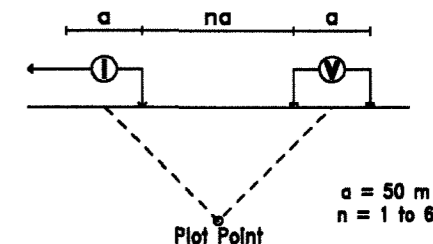
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



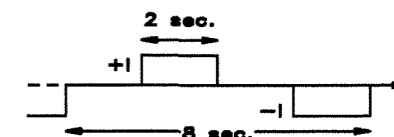
APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1



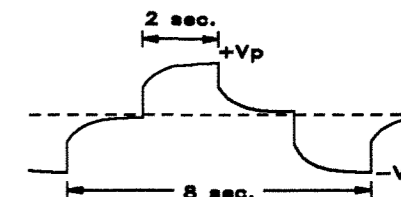
INDUCED POLARIZATION SURVEY Pole-Dipole Array



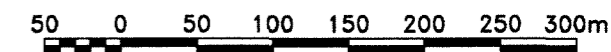
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000

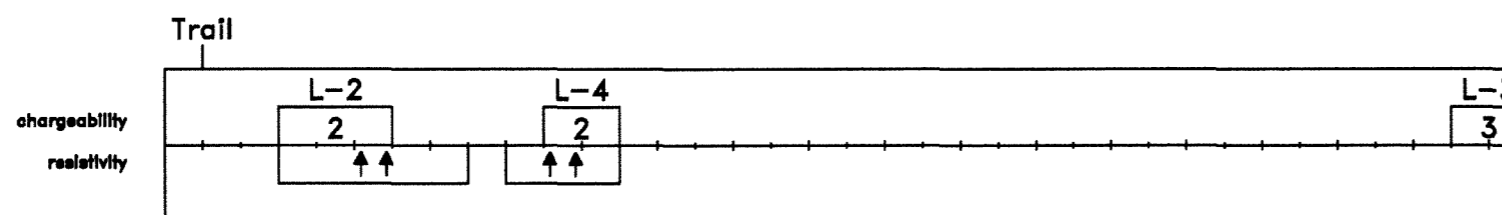
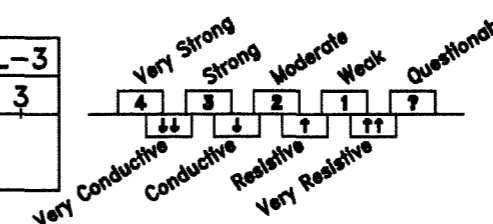


TECK COMINCO LIMITED EXPLORATION

**Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario**

Line 37+00W

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778



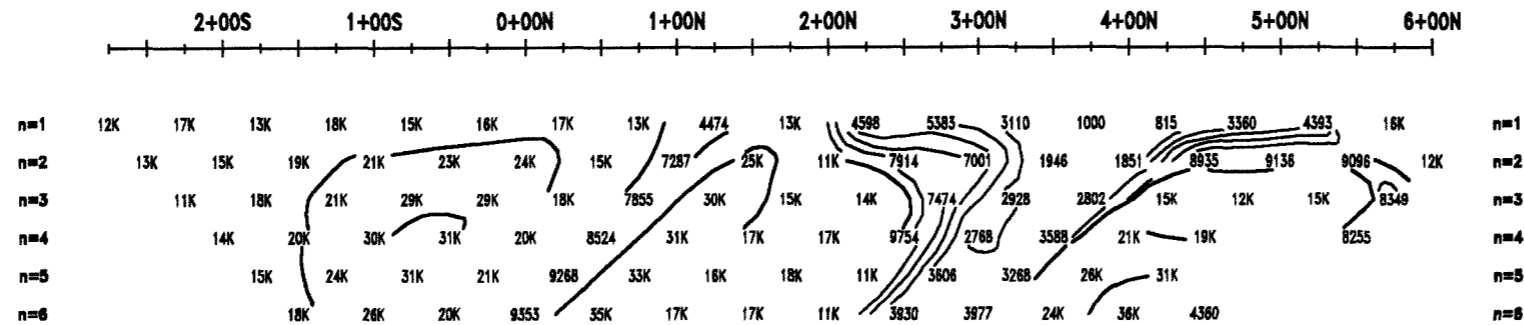
INTERPRETATION



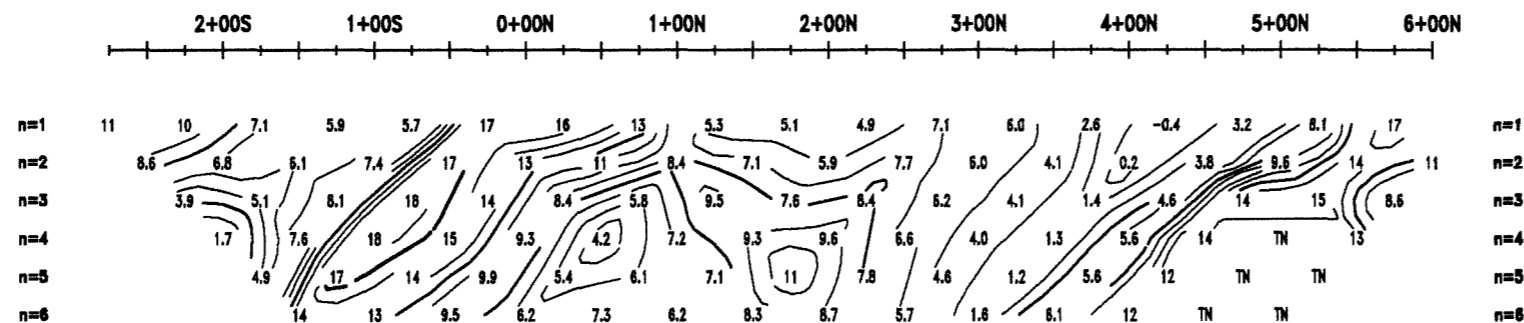


42C158E2006 2.29129 LIZAR

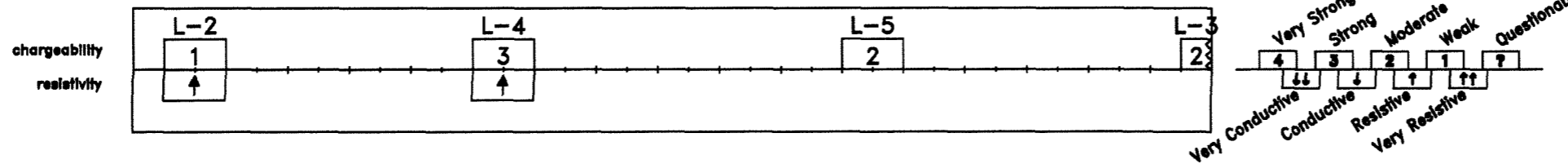
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1

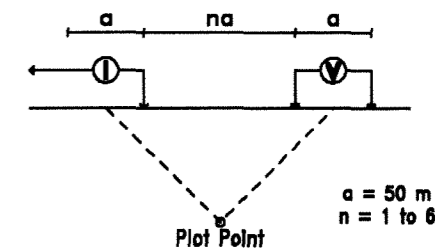


INTERPRETATION

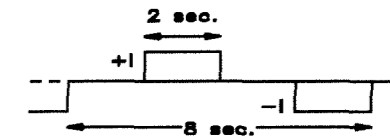


INDUCED POLARIZATION SURVEY

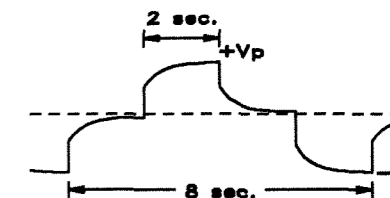
Pole-Dipole Array



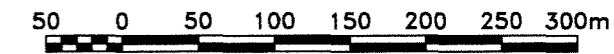
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario

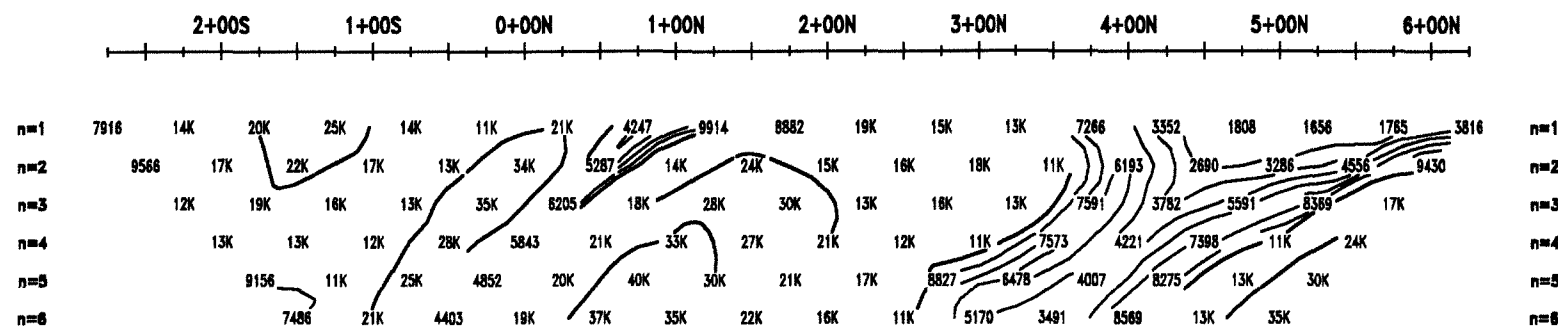
Line 35+00W

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778



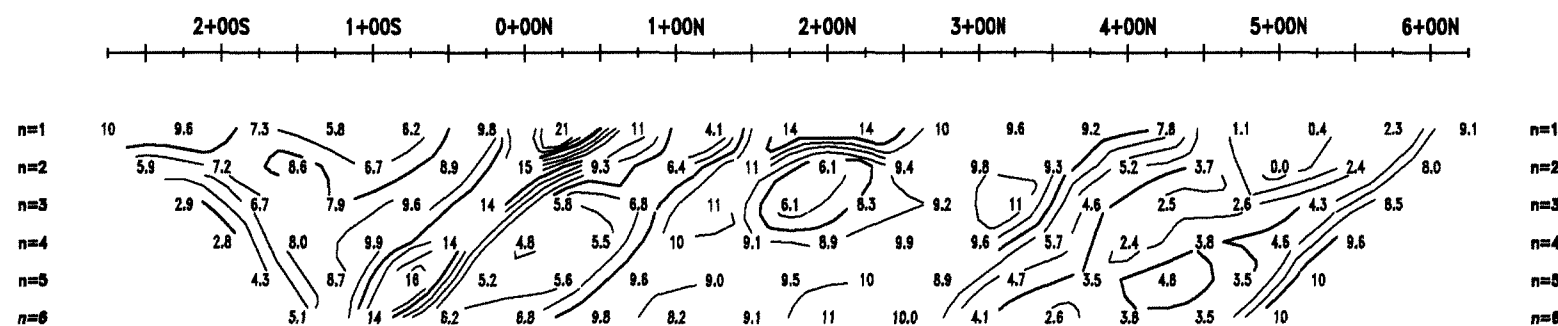
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic

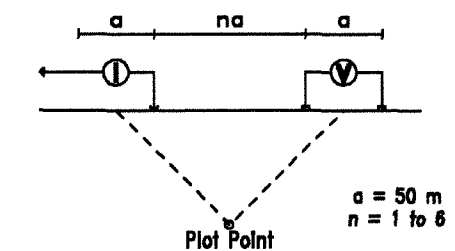


APPARENT CHARGEABILITY PSEUDO SECTION

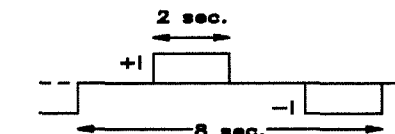
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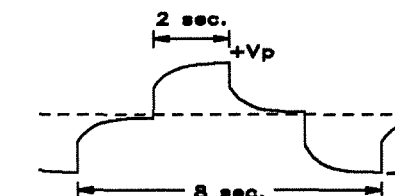
INDUCED POLARIZATION SURVEY Pole-Dipole Array



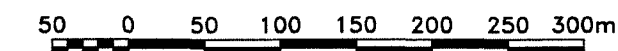
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

**Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario**

Line 33+00W

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

ABITIBI
GEOPHYSICS

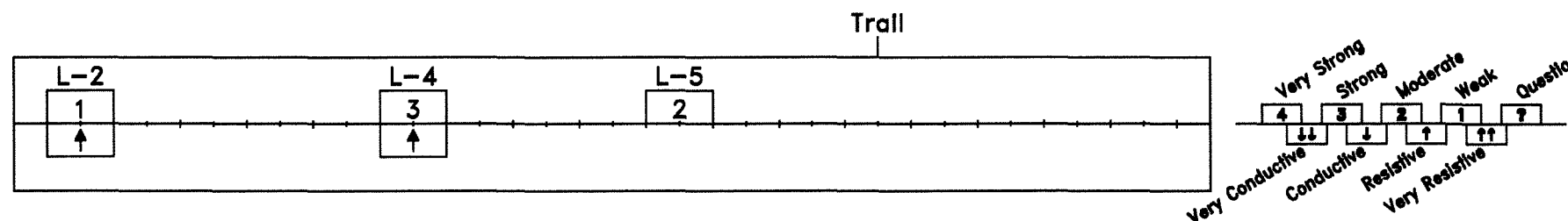
270



42C15SE2006 2.29129 LIZAR

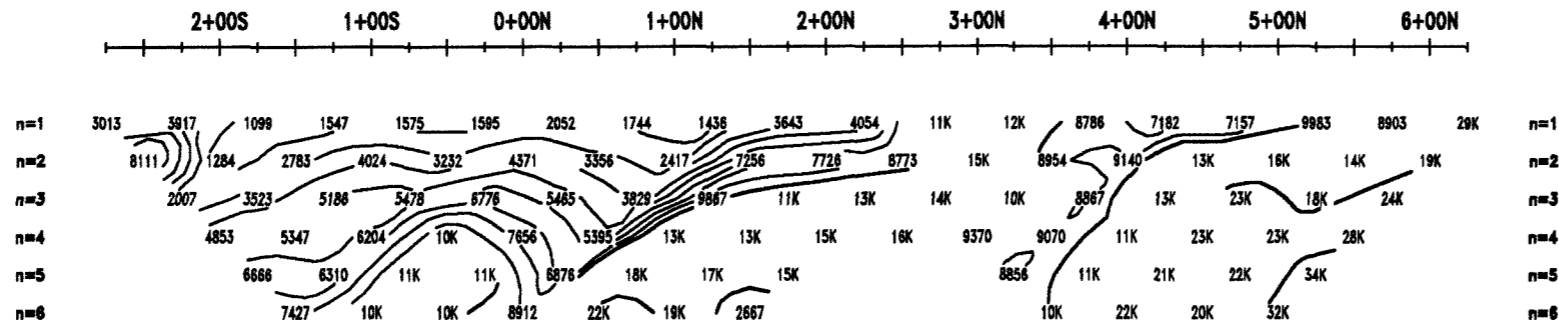
INTERPRETATION

chargeability
relativity



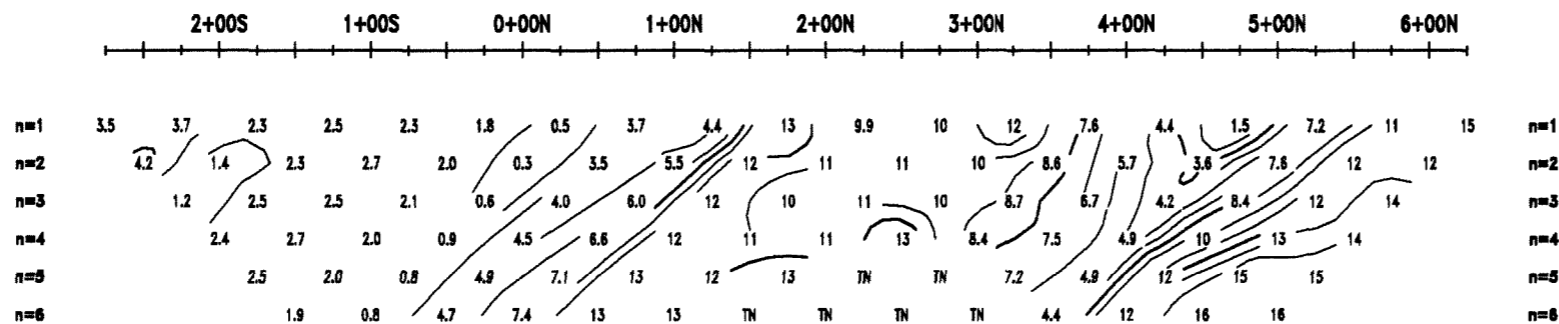
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmics



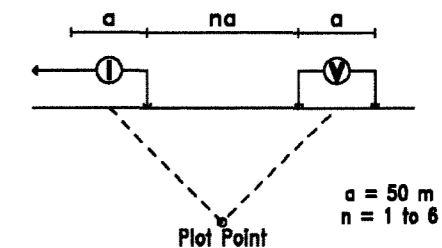
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

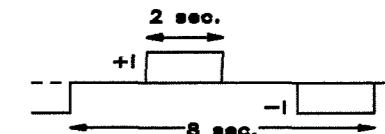


INDUCED POLARIZATION SURVEY

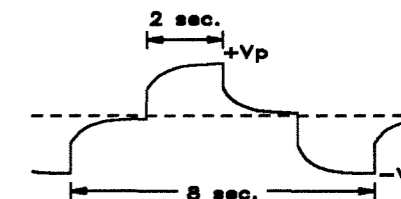
Pole-Dipole Array



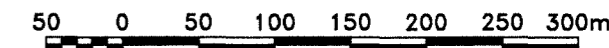
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

**Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario**

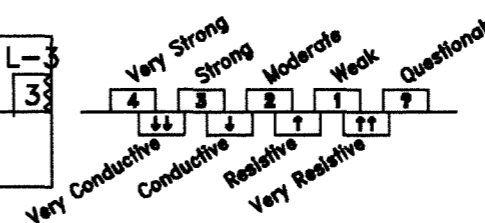
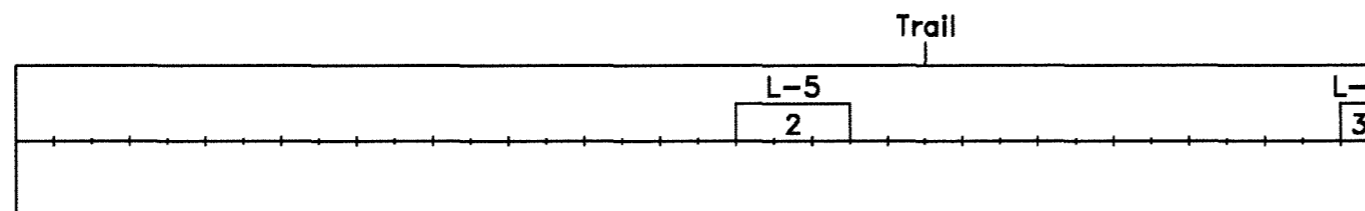
Line 31+00W

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

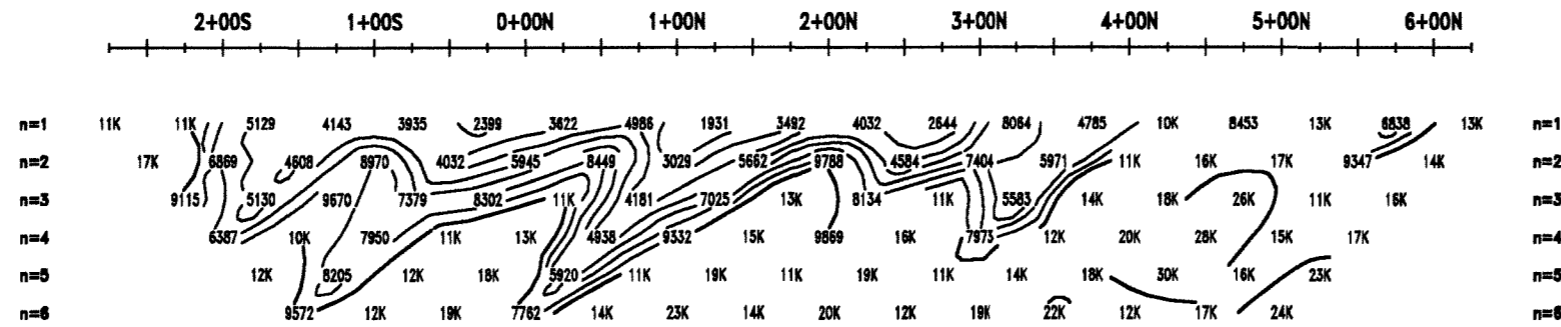
ABITIBI
GEOPHYSICS

INTERPRETATION

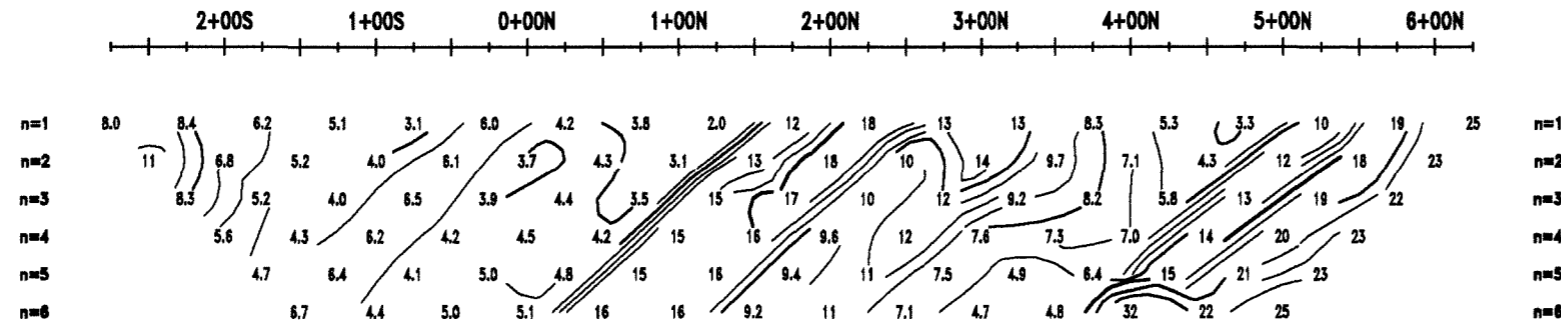
chargeability
resistivity



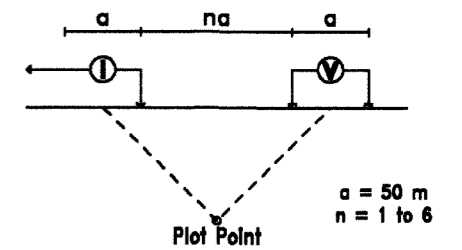
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



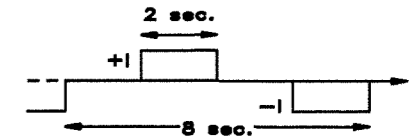
APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1



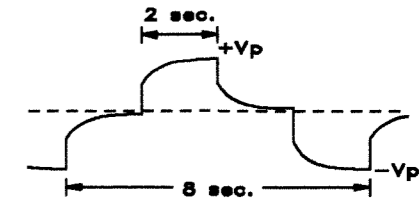
INDUCED POLARIZATION SURVEY Pole-Dipole Array



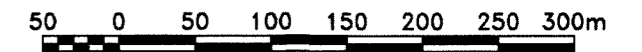
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

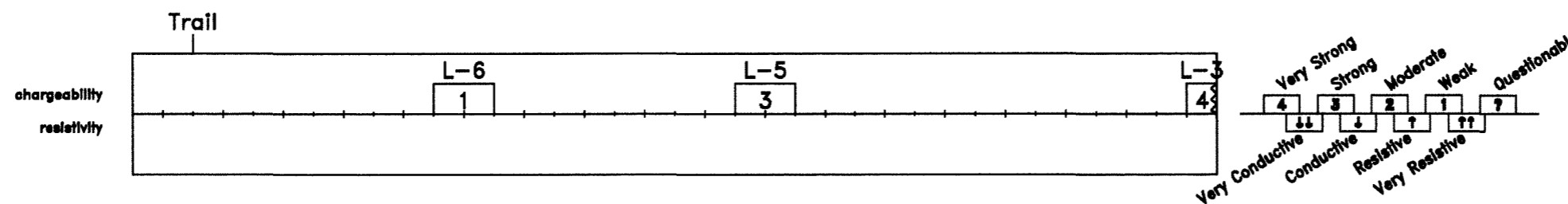
**Lizar Property
Lizar, Namelgos, Breckenridge and
Mosambik Townships, Ontario**

Line 29+00W

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

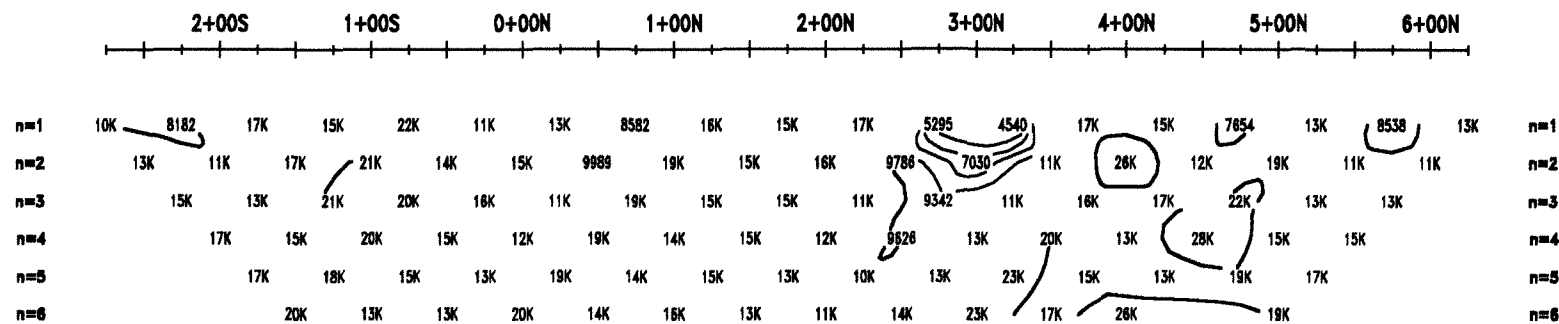
ABITIBI
GEOPHYSICS

INTERPRETATION



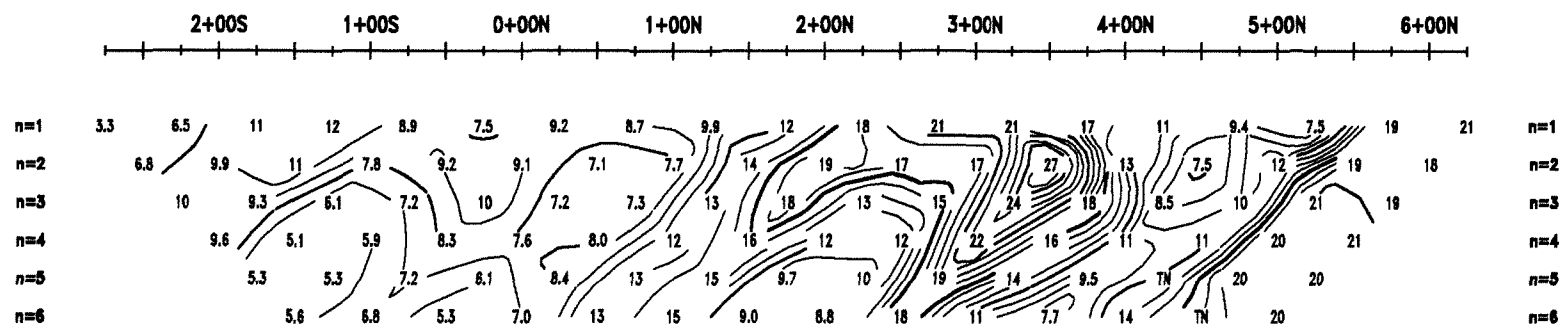
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



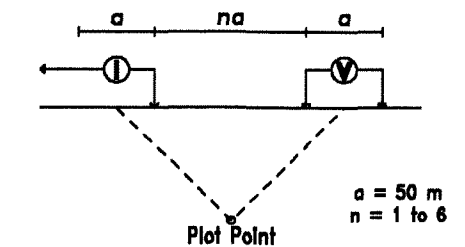
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

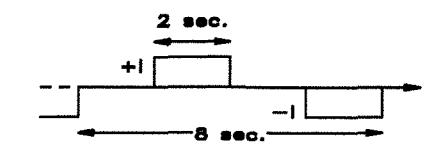


INDUCED POLARIZATION SURVEY

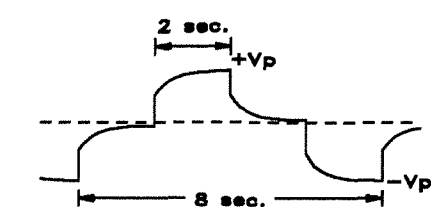
Pole-Dipole Array



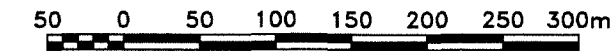
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000

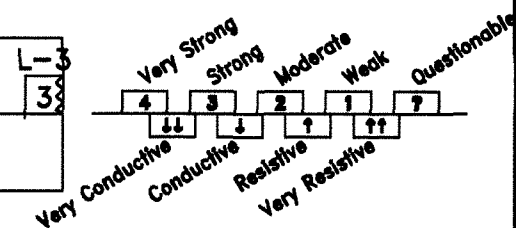
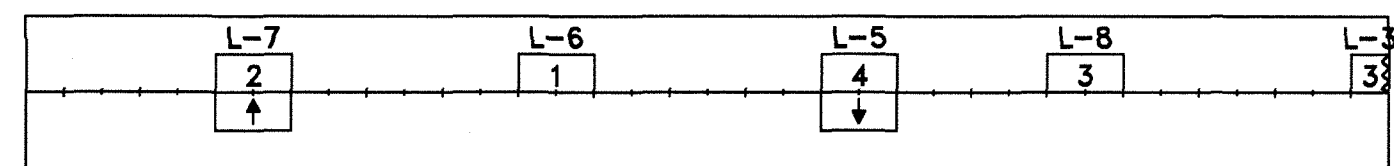


TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario

Line 27+00W

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

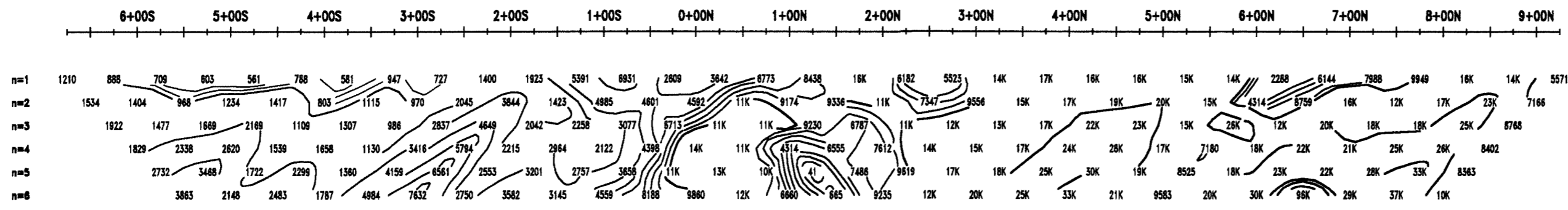


300

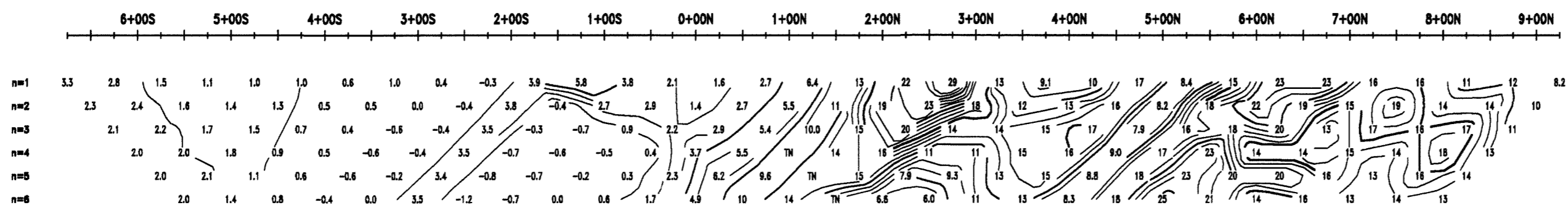


42C15SE2006 2.29129 LIZAR

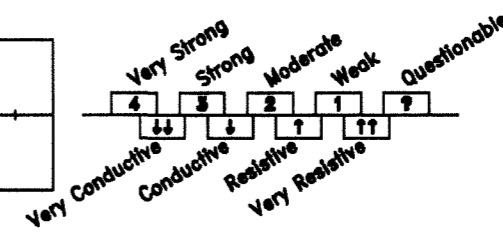
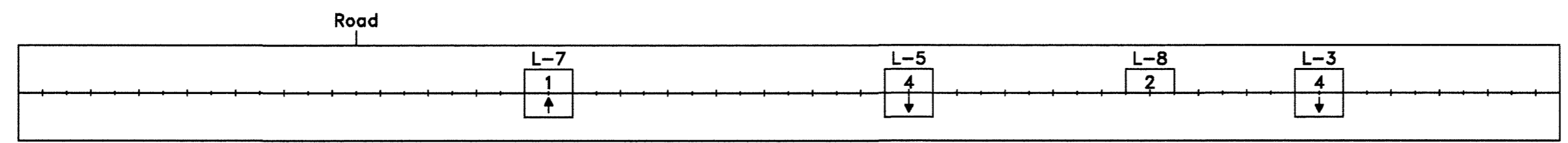
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1

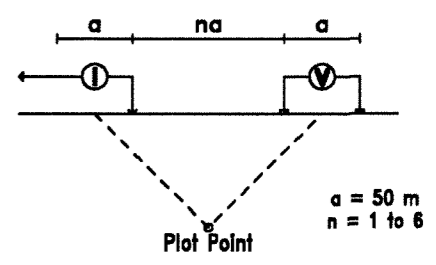


INTERPRETATION

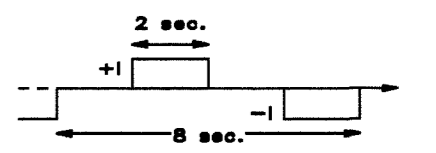


INDUCED POLARIZATION SURVEY

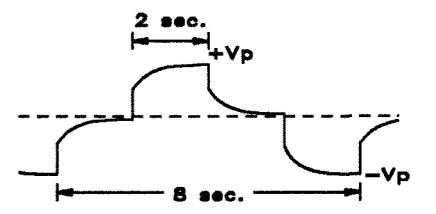
Pole-Dipole Array



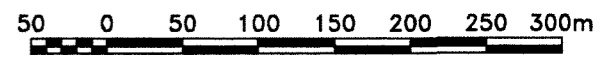
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario

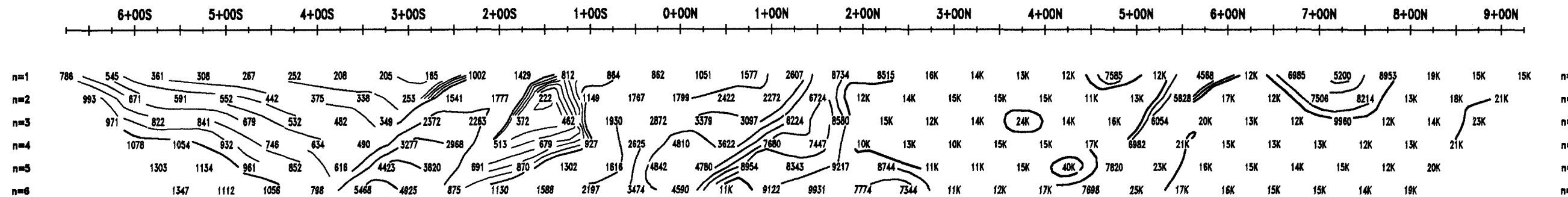
Line 25+00W

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778



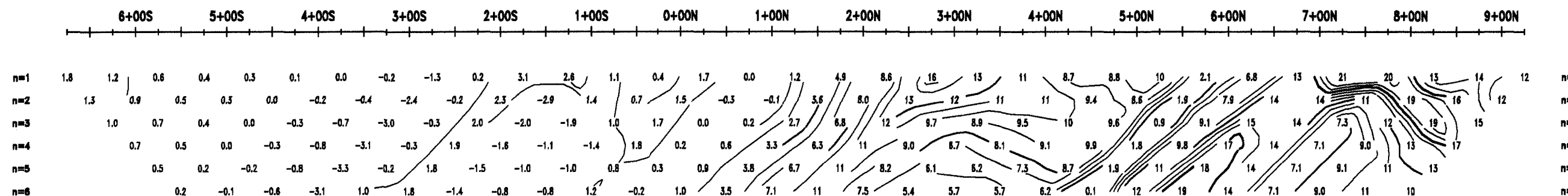
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmics



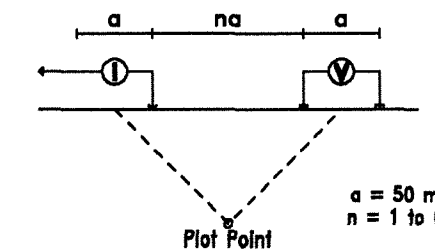
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

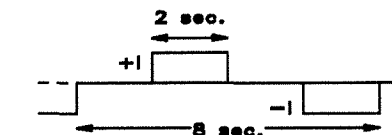


INDUCED POLARIZATION SURVEY

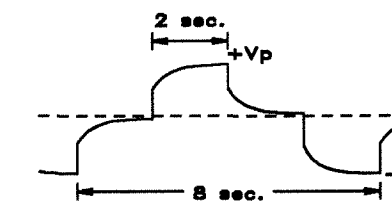
Pole-Dipole Array



Transmitter: TX-III (GDD), 1.8 kW



Receiver: Eirec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Namelgos, Breckenridge and
Mosambik Townships, Ontario

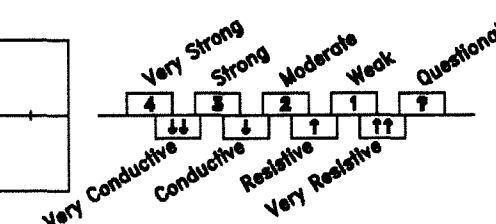
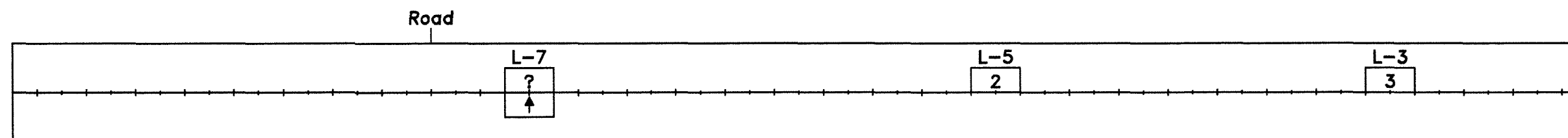
Line 23+00W

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

ABITIBI
GEOPHYSICS

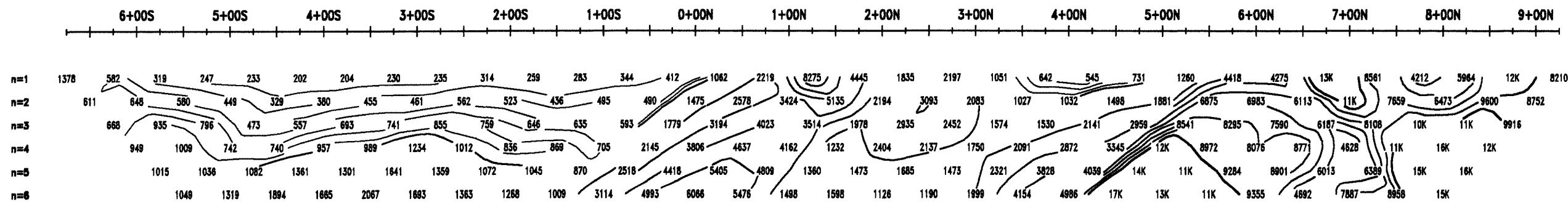
INTERPRETATION

chargeability
resistivity



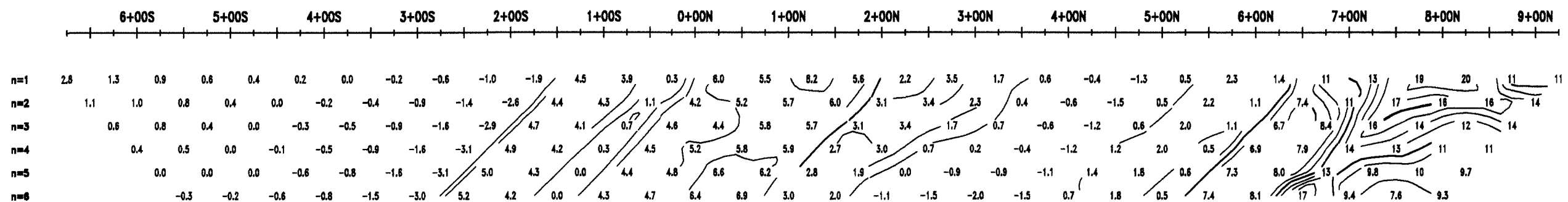
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



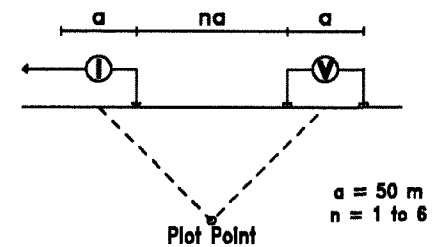
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

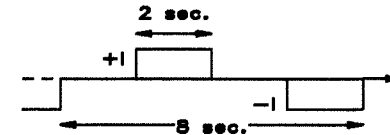


INDUCED POLARIZATION SURVEY

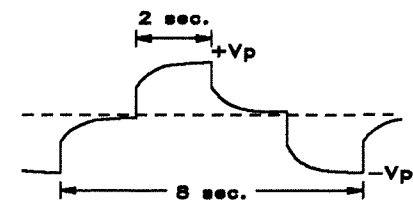
Pole-Dipole Array



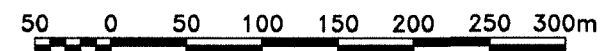
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000

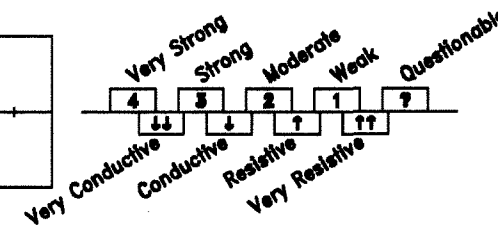
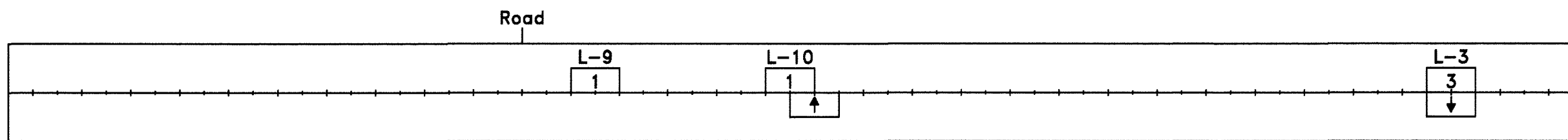


TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Namelgos, Breckenridge and
Mosambik Townships, Ontario

Line 21+00W

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

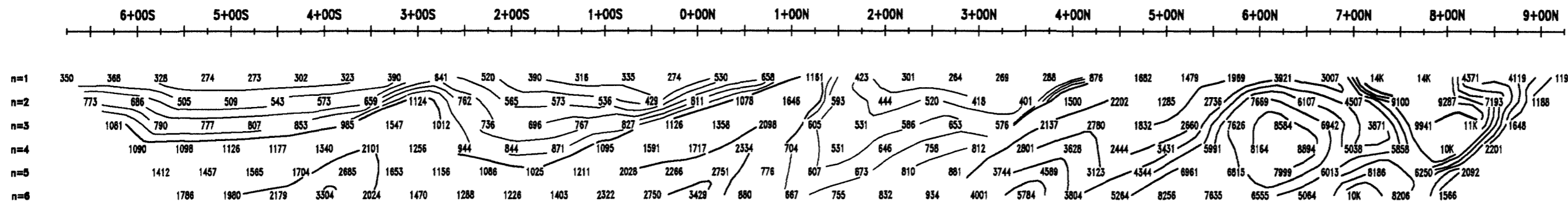


INTERPRETATION
chargeability
resistivity

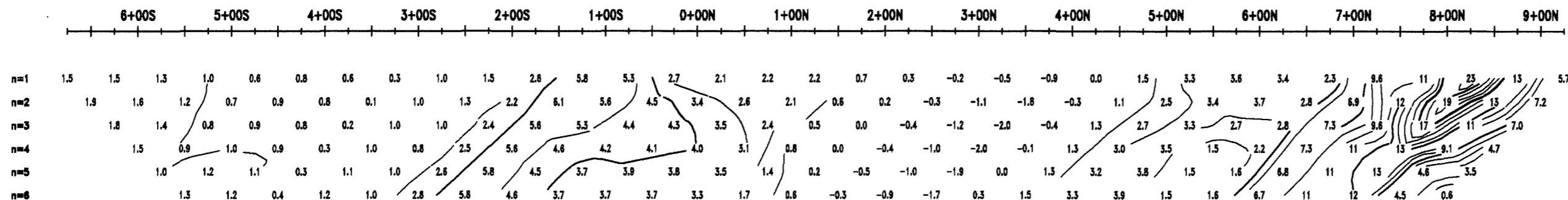
330



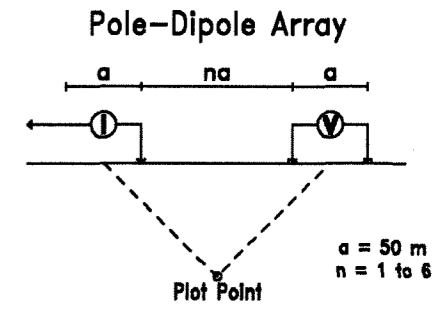
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



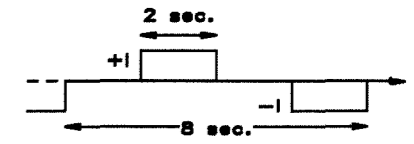
APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1



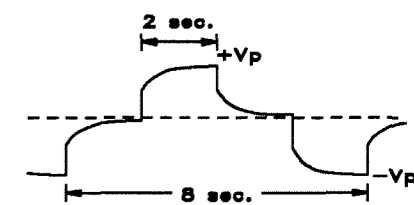
INDUCED POLARIZATION SURVEY



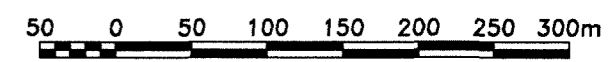
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Eirec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario

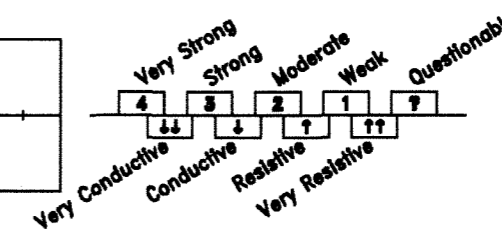
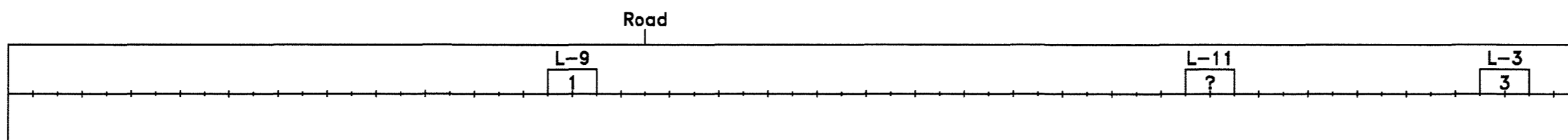
Line 19+00W

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778



INTERPRETATION

chargeability
resistivity



340



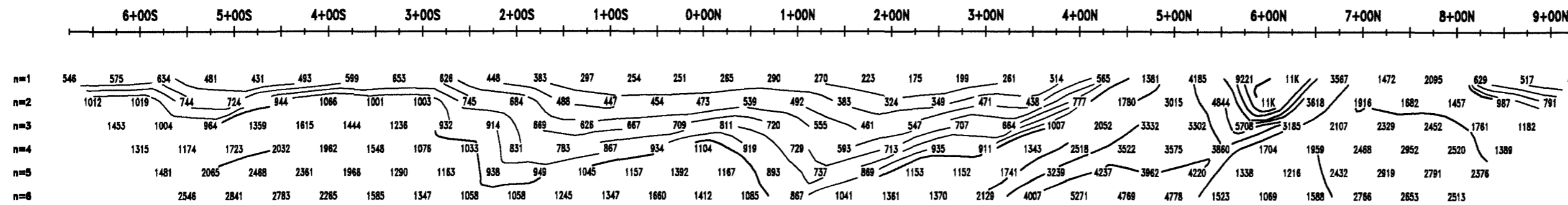
LIZAR

2.29129

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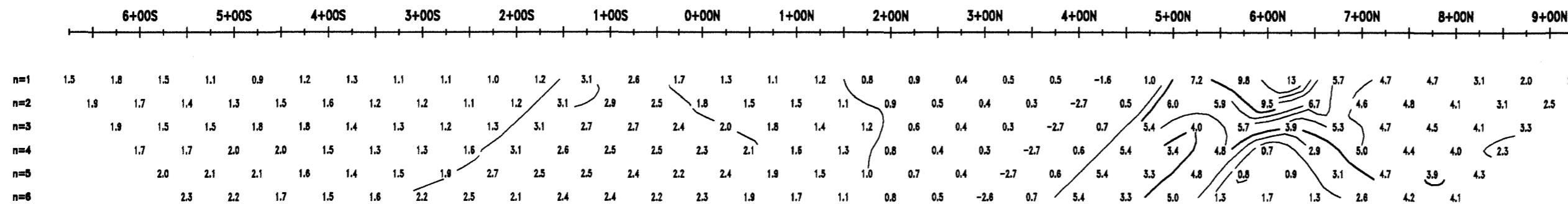
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



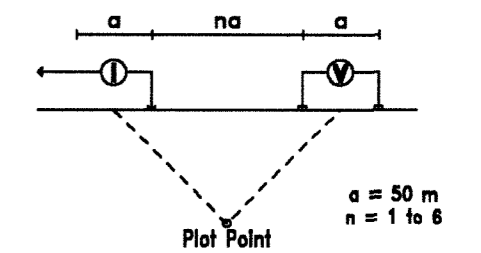
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

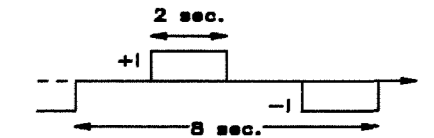


INDUCED POLARIZATION SURVEY

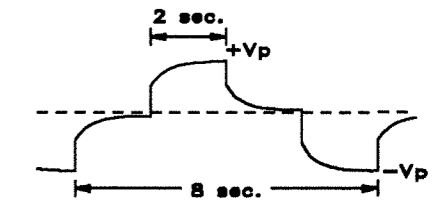
Pole-Dipole Array



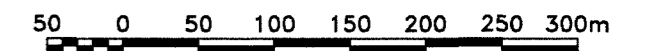
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Eirec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Namelgos, Breckenridge and
Mosambik Townships, Ontario

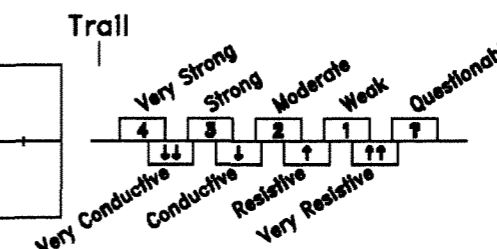
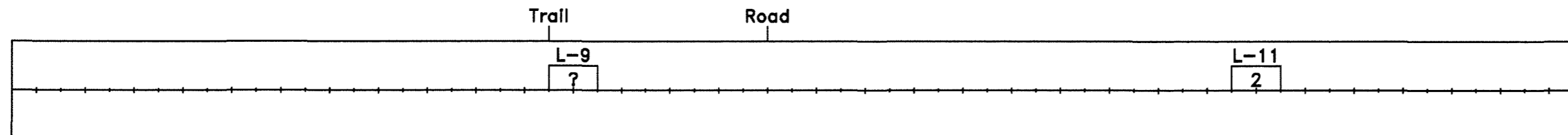
Line 17+00W

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

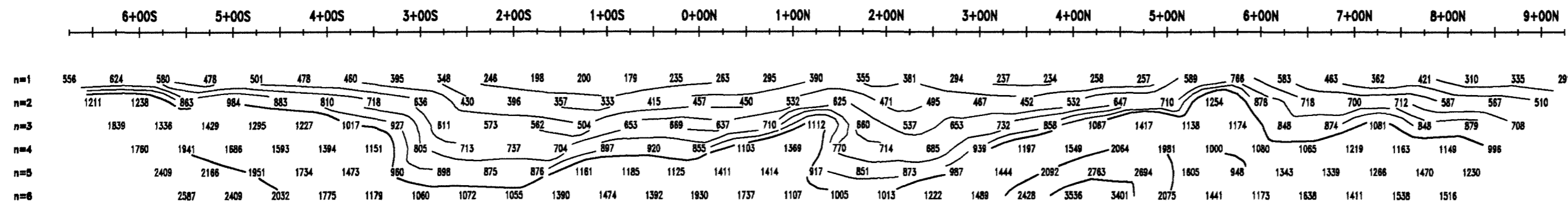
ABITIBI
GEOPHYSICS

INTERPRETATION

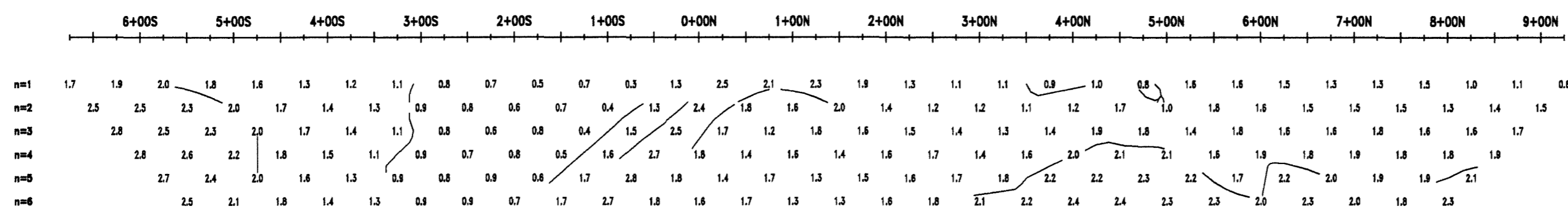
chargeability
resistivity



APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic

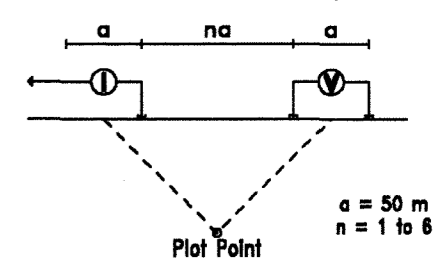


APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1

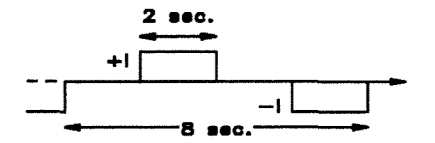


INDUCED POLARIZATION SURVEY

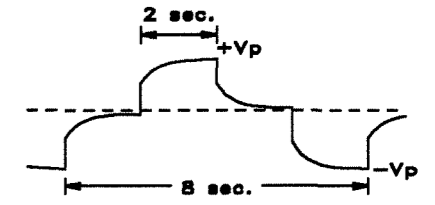
Pole-Dipole Array



Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Namelgos, Breckenridge and
Mosambik Townships, Ontario

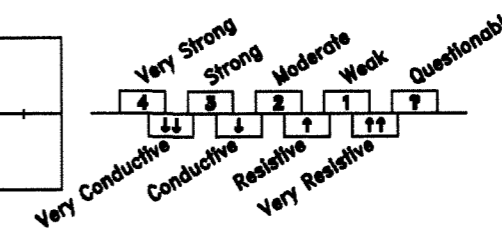
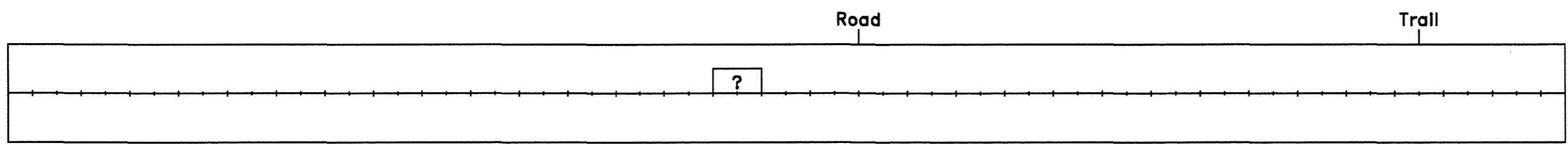
Line 15+00W

Interpreted by: Pierre Bérué, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

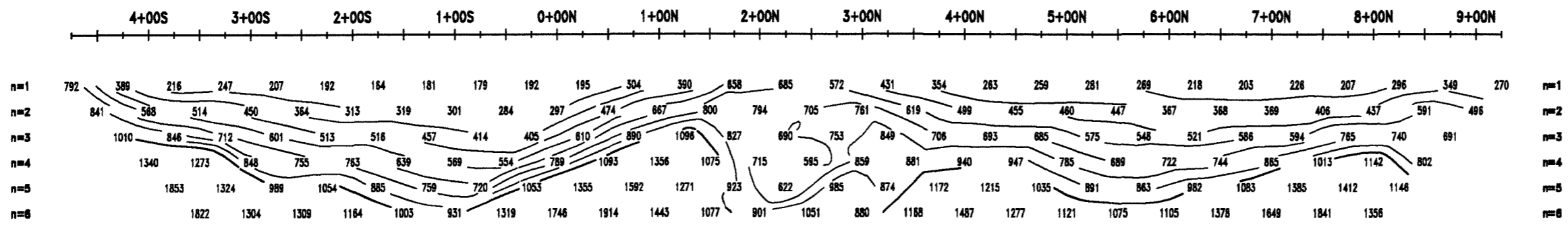


INTERPRETATION

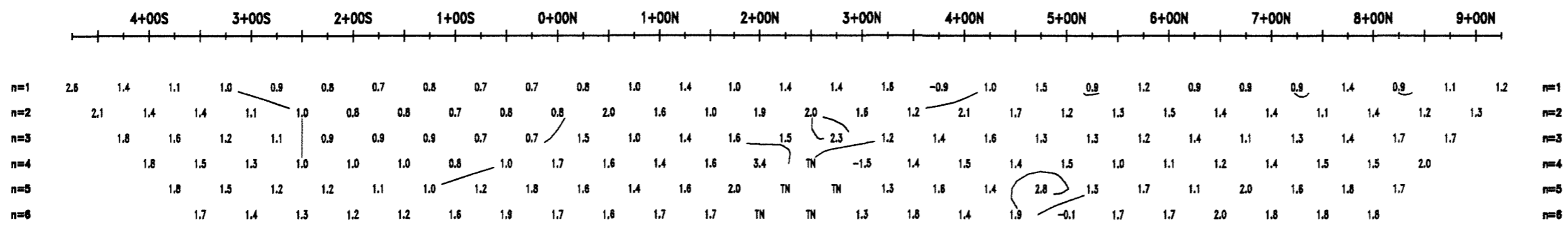
chargeability
resistivity



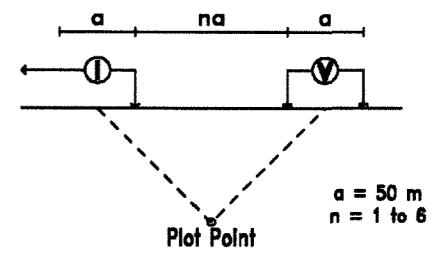
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmics



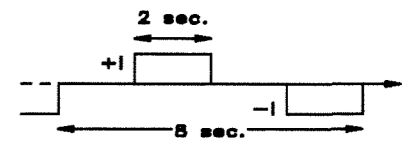
APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1



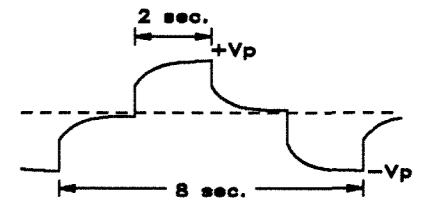
INDUCED POLARIZATION SURVEY Pole-Dipole Array



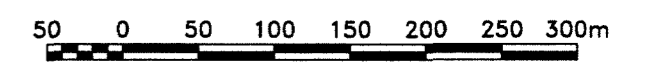
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

**Lizar Property
Lizar, Namelgos, Breckenridge and
Mosambik Townships, Ontario**

Line 13+00W

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778



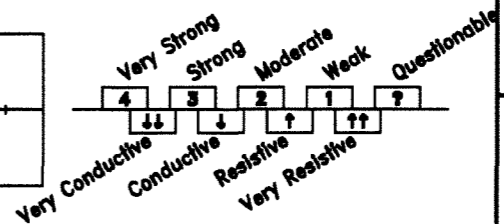
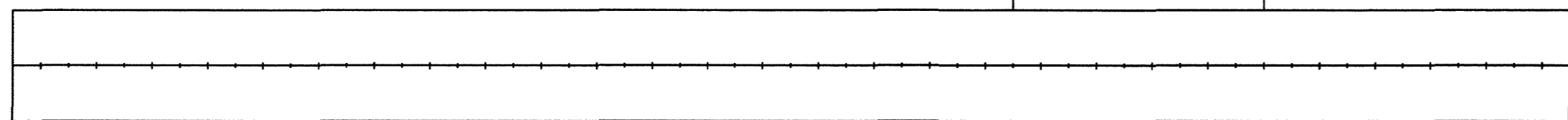
370



42C158E2006 2.29129 LIZAR

INTERPRETATION

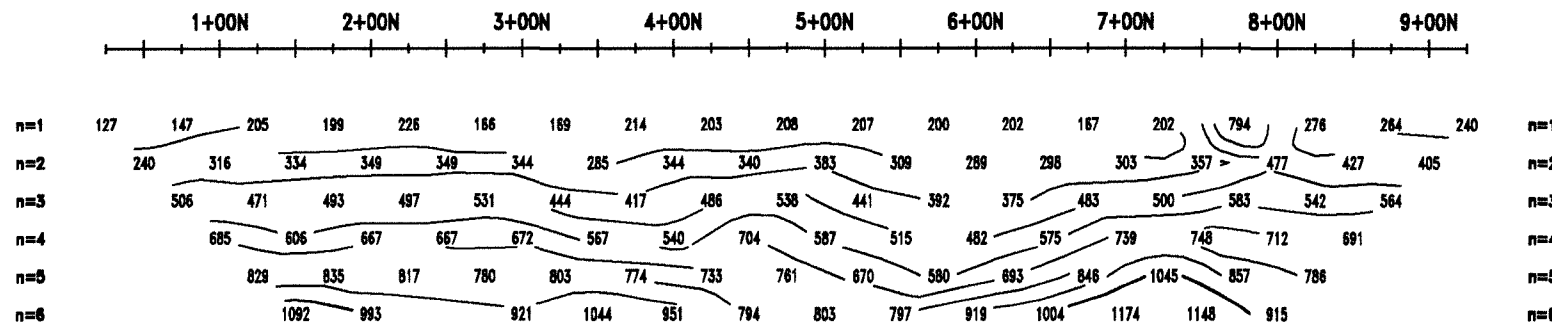
chargeability
resistivity



Road
Trail

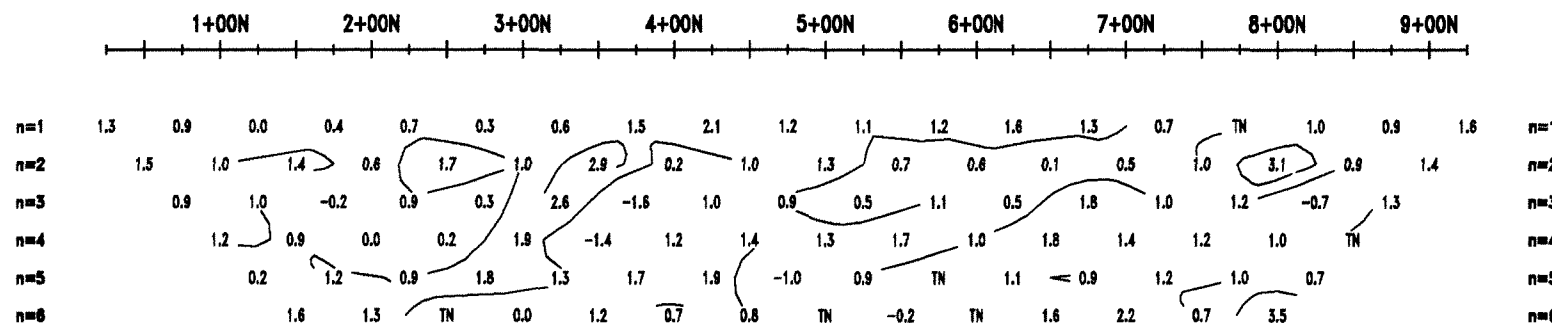
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



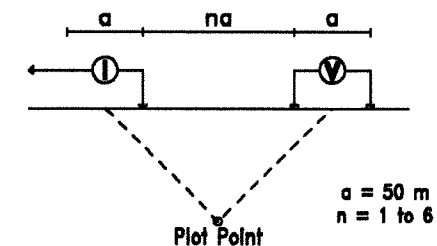
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

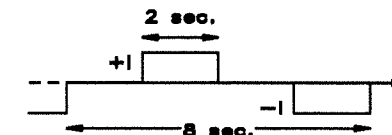


INDUCED POLARIZATION SURVEY

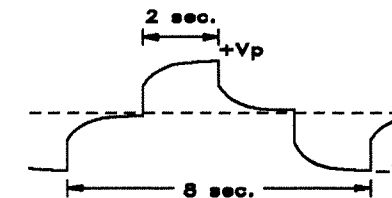
Pole-Dipole Array



Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

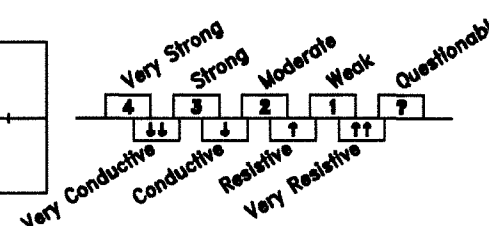
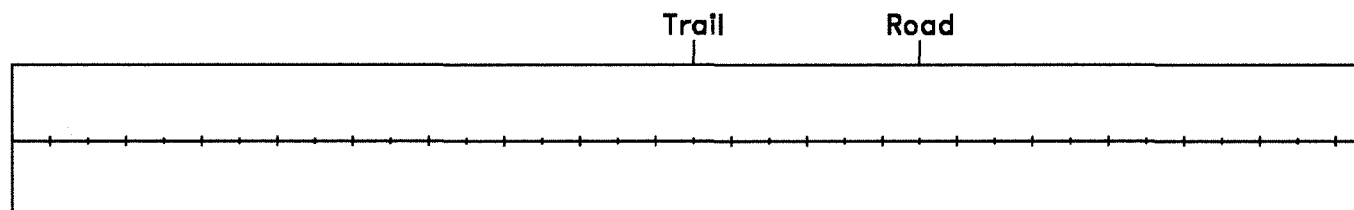
**Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario**

Line 11+00W

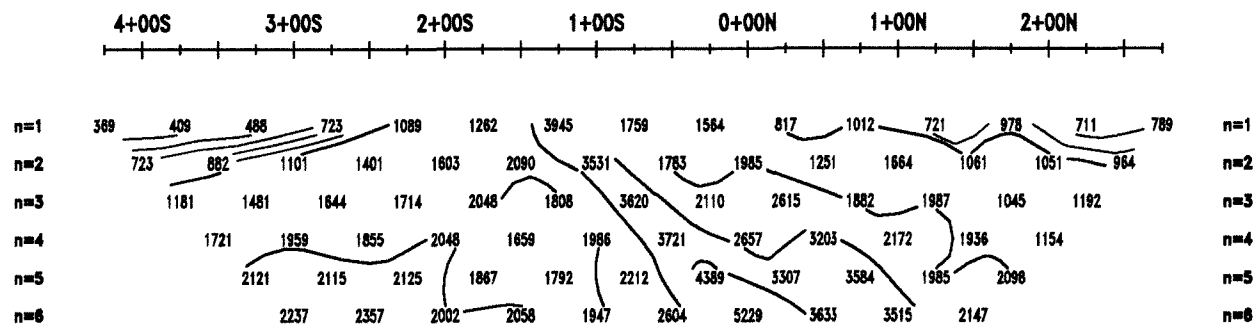
Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

ABITIBI
GEOPHYSICS

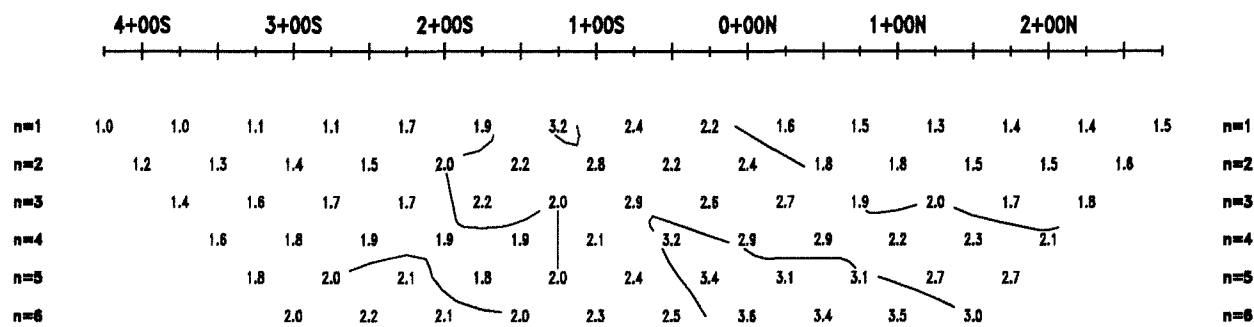
chargeability
resistivity



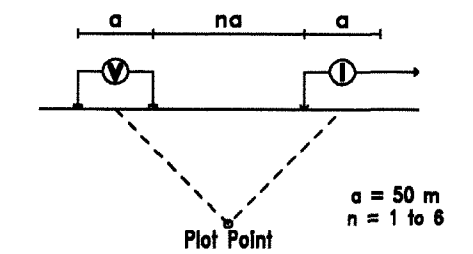
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmics



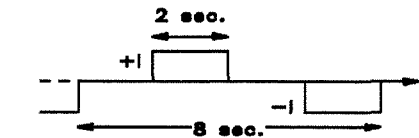
APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1



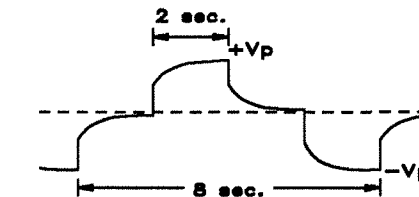
INDUCED POLARIZATION SURVEY Pole-Dipole Array



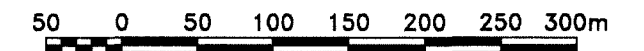
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario

Line 9+00E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778



390

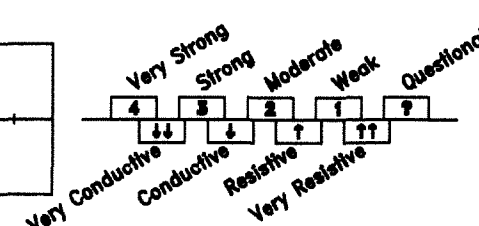
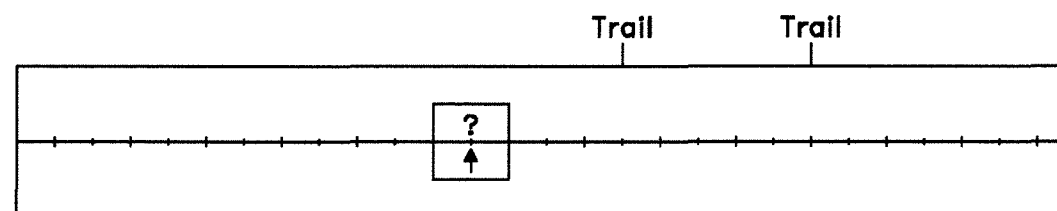
LIZAR

2.29129

42C15SE2006

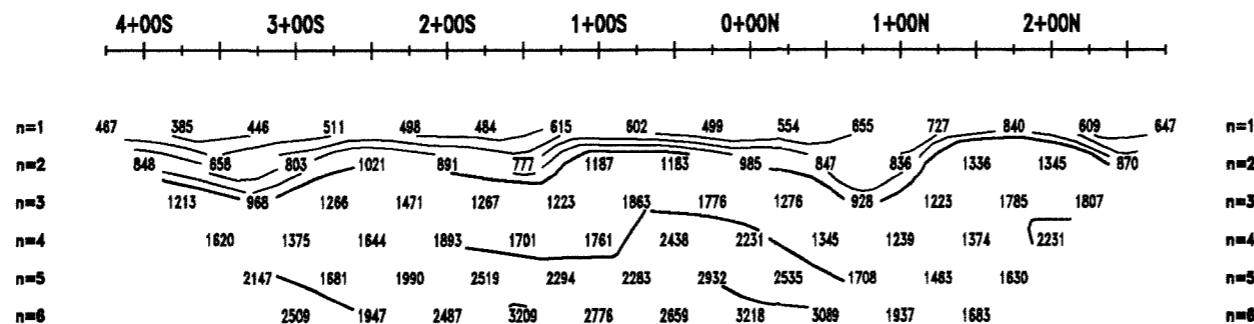
INTERPRETATION

chargeability
resistivity



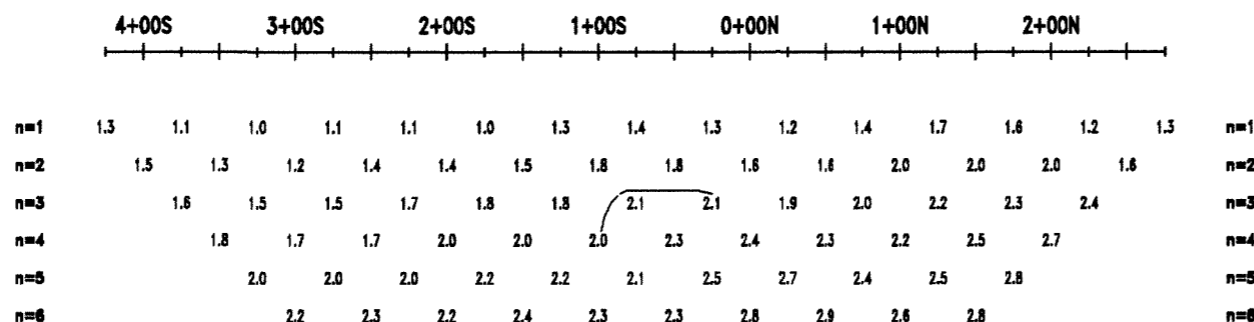
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



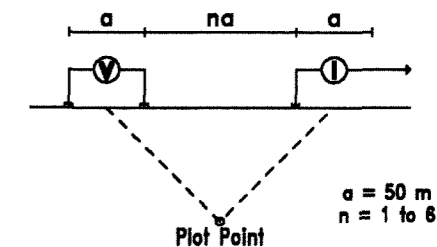
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

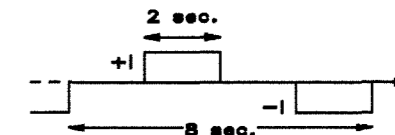


INDUCED POLARIZATION SURVEY

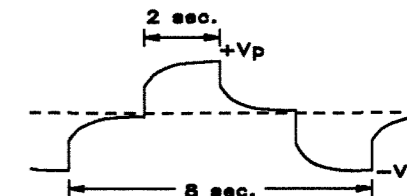
Pole-Dipole Array



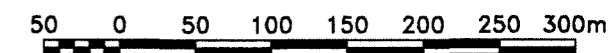
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Eirec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

**Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario**

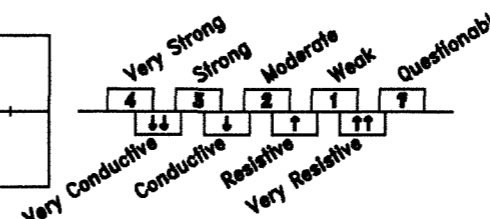
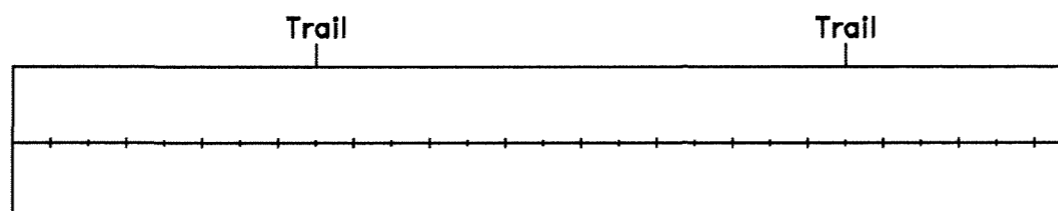
Line 11+00E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

ABITIBI
GEOPHYSICS

INTERPRETATION

chargeability
resistivity



400

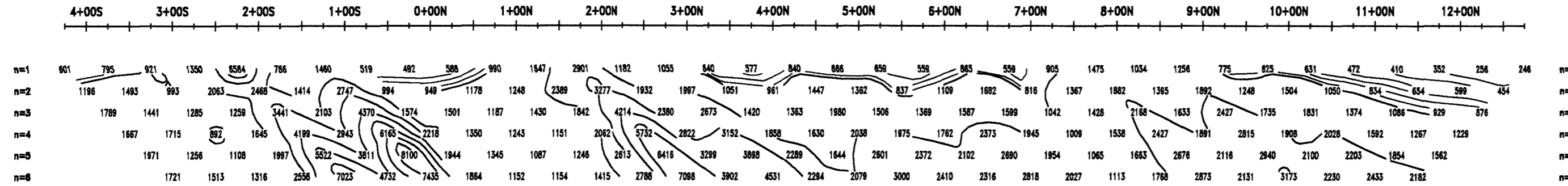
LIZAR

2.29129

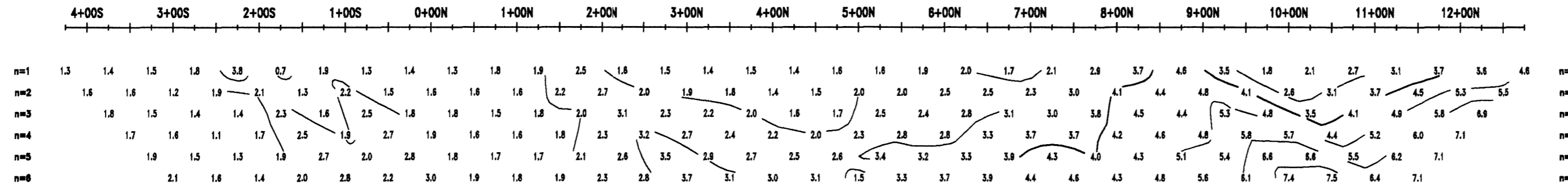
42C15SE2006



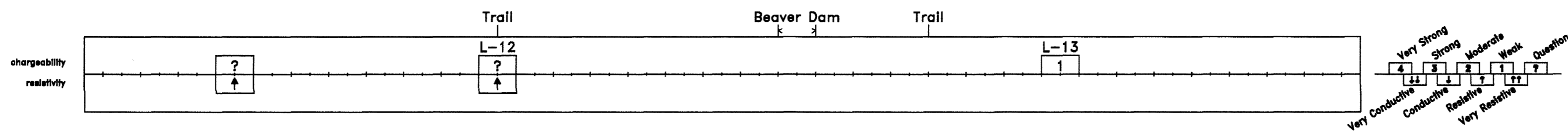
APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic



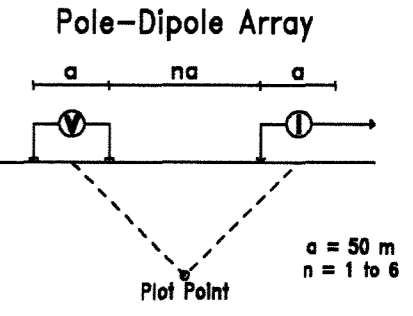
APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1



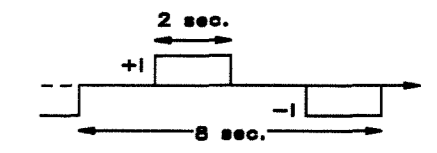
INTERPRETATION



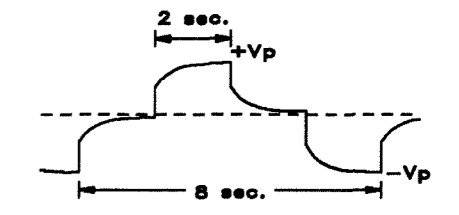
INDUCED POLARIZATION SURVEY



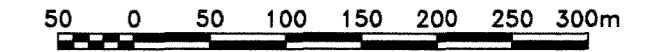
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Eirec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario

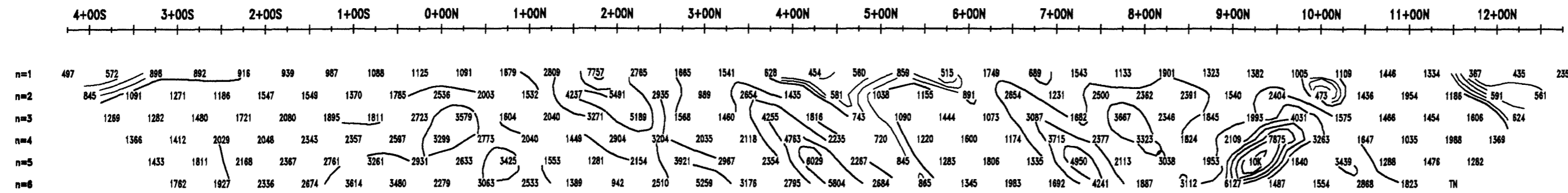
Line 13+00E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778



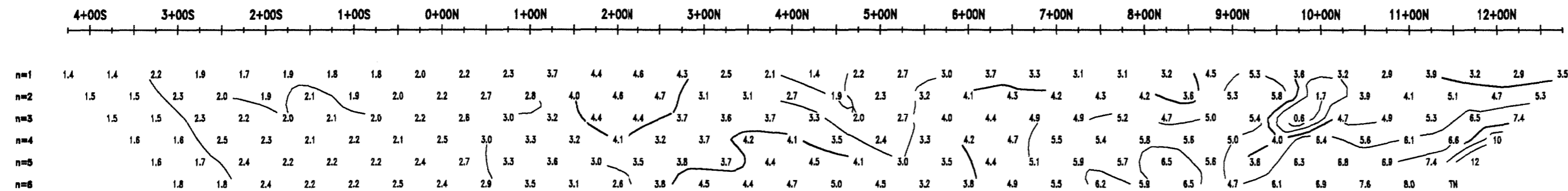
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



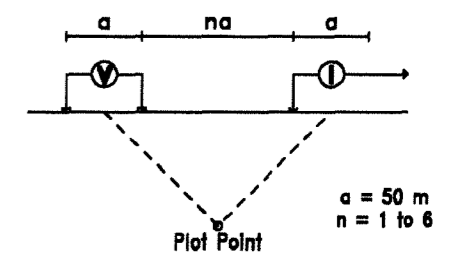
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

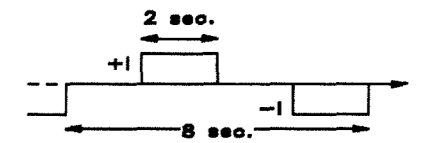


INDUCED POLARIZATION SURVEY

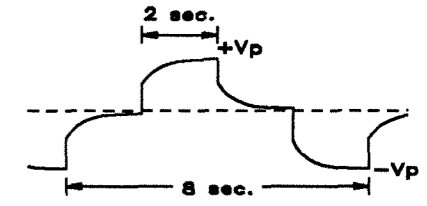
Pole-Dipole Array



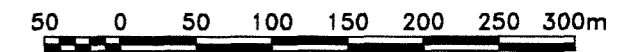
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

**Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario**

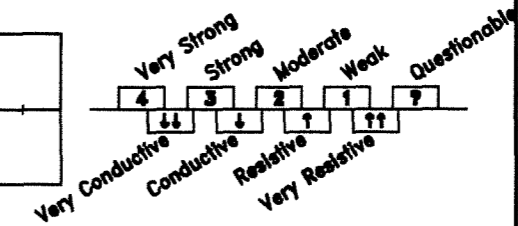
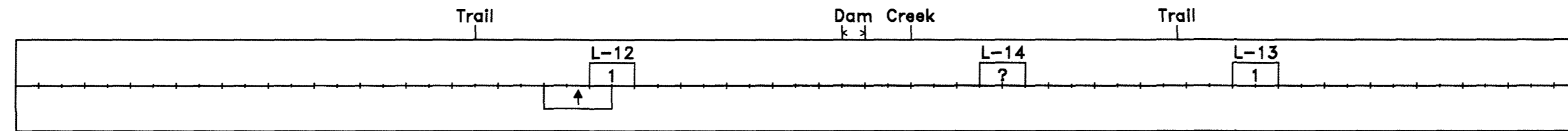
Line 15+00E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778



INTERPRETATION

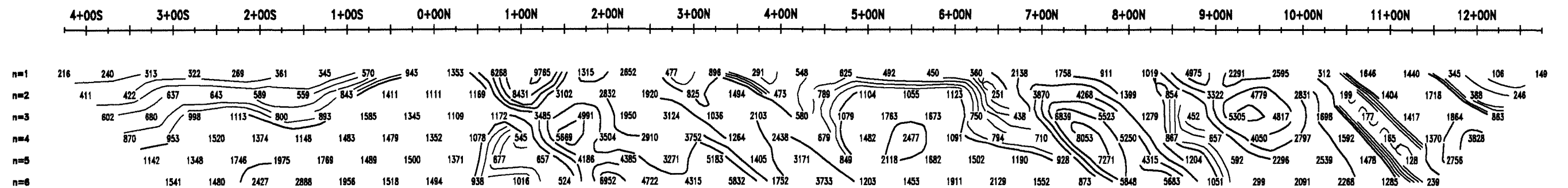
chargeability
resistivity



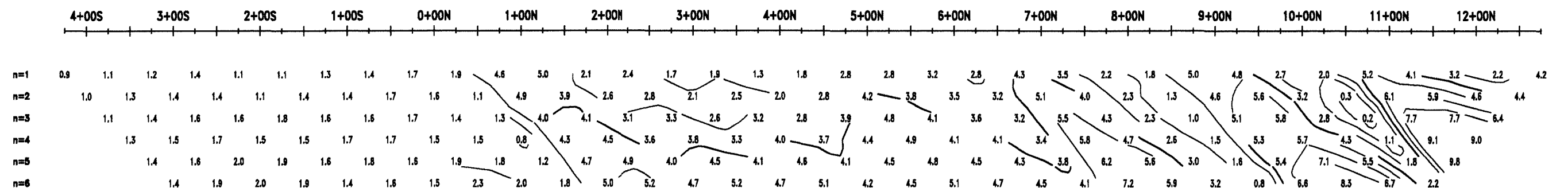
420



APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic

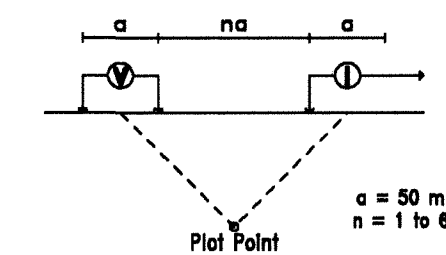


APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1

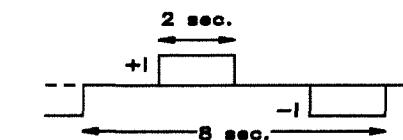


INDUCED POLARIZATION SURVEY

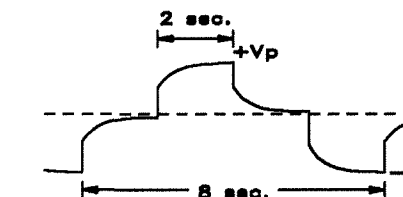
Pole-Dipole Array



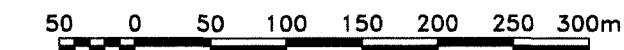
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

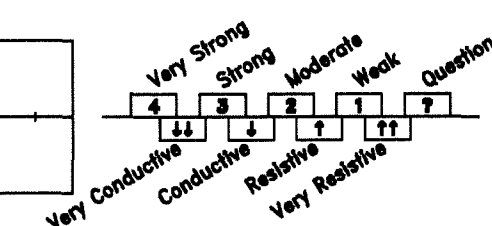
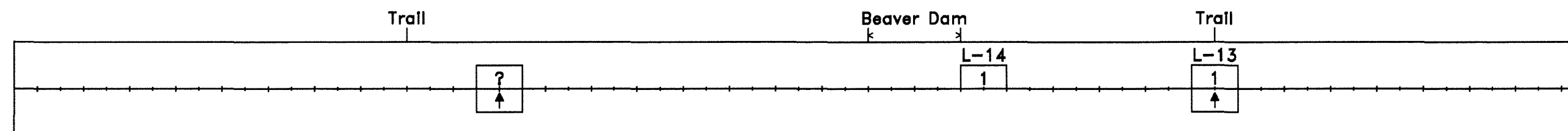
Lizar Property
Lizar, Namelgos, Breckenridge and
Mosambik Townships, Ontario

Line 17+00E

Interpreted by: Pierre Bérubé, Eng.
 Verified by: Martin Dubois, Geo.
 Date of survey: September 2004
 Surveyed by: Jacques Demers
 Reference: 04N778



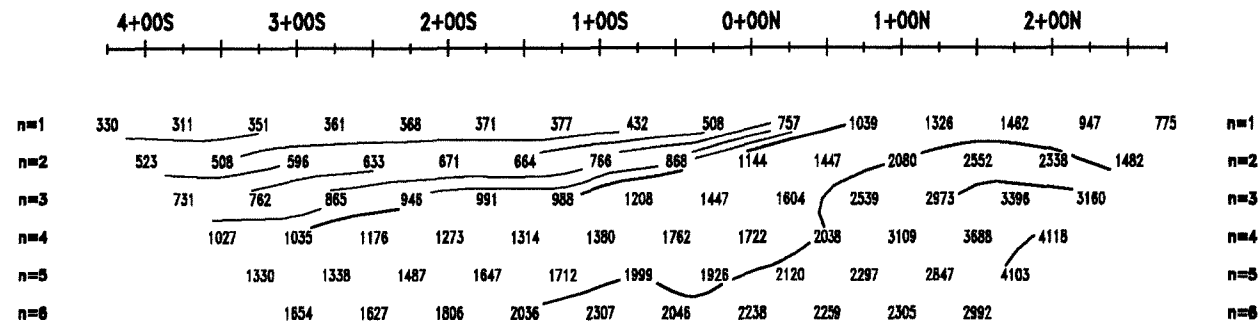
chargeability
resistivity



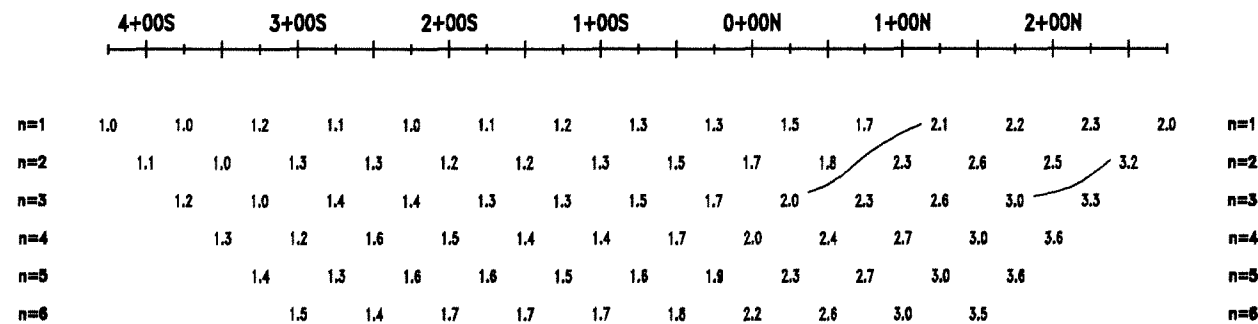
INTERPRETATION



APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmics

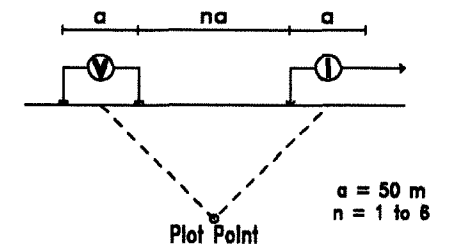


APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1

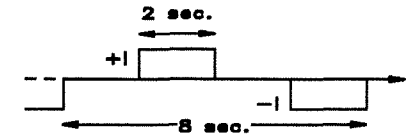


INDUCED POLARIZATION SURVEY

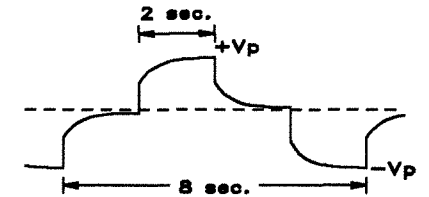
Pole-Dipole Array



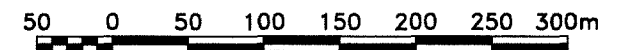
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario

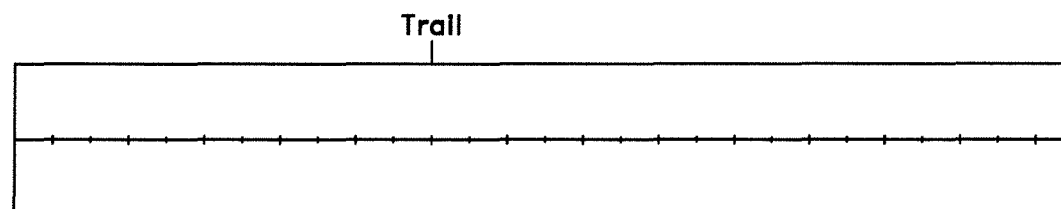
Line 19+00E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

ABITIBI
GEOPHYSICS

INTERPRETATION

chargeability
resistivity



Very Strong
Strong
Moderate
Weak
Questionable
Very Conductive
Conductive
Resistive
Very Resistive

440

LIZAR

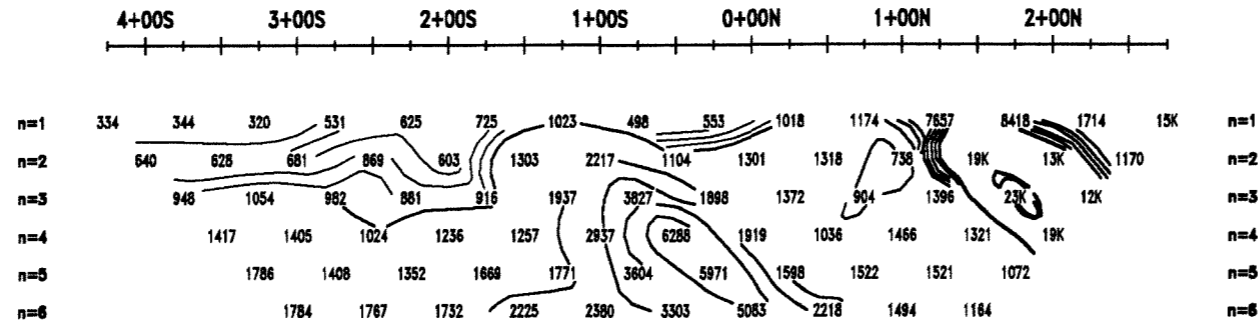
2.29129

42C158E2006



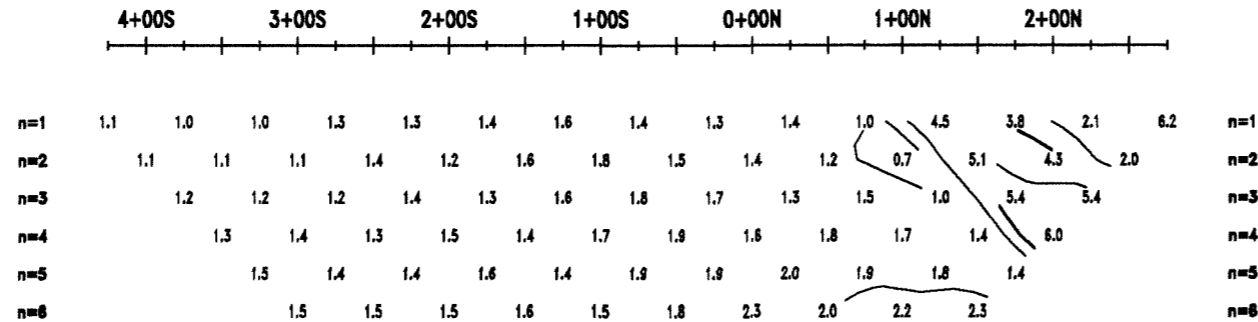
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



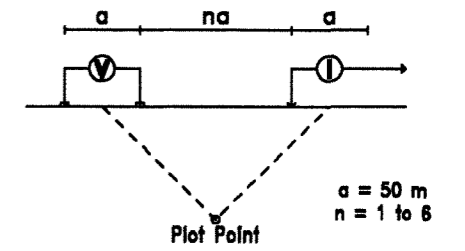
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

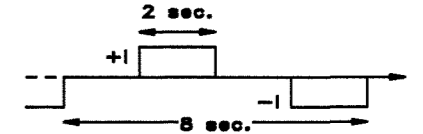


INDUCED POLARIZATION SURVEY

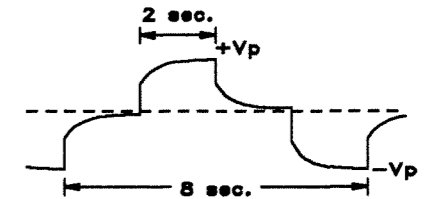
Pole-Dipole Array



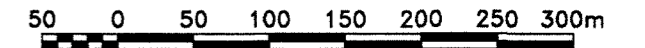
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Namelgos, Breckenridge and
Mosambik Townships, Ontario

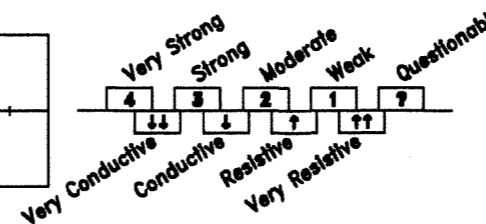
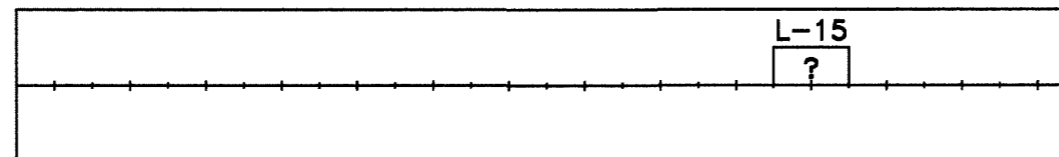
Line 21+00E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778



INTERPRETATION

chargeability
resistivity



450

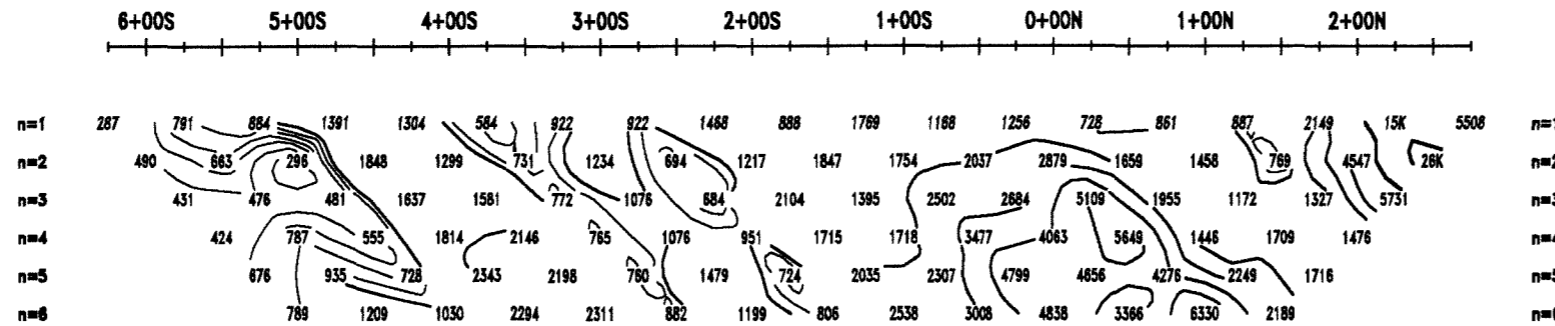


LIZAR

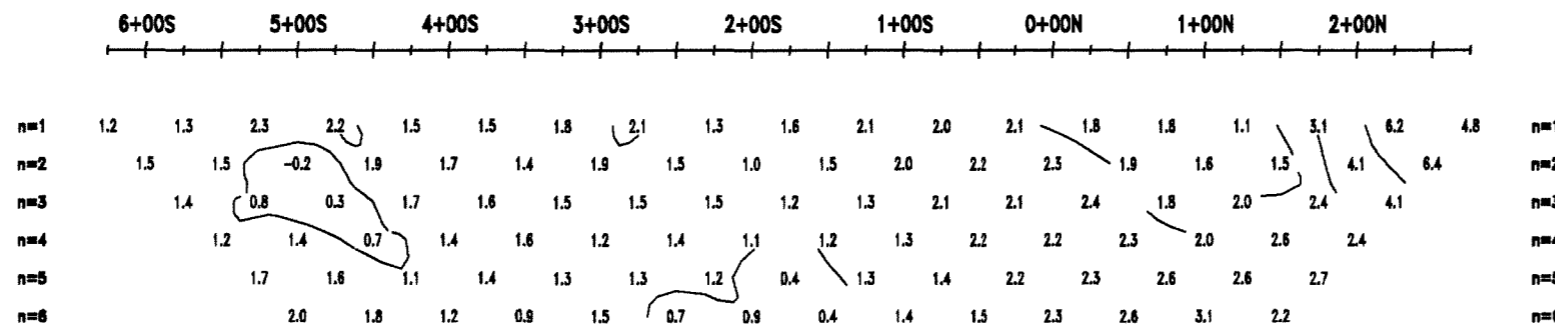
2-29129

42C15SE2006

APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmic

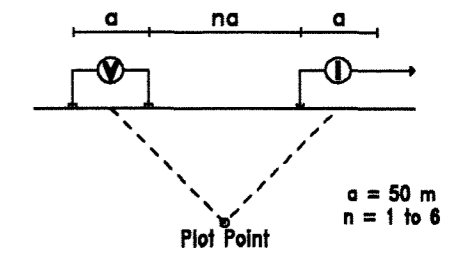


APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1

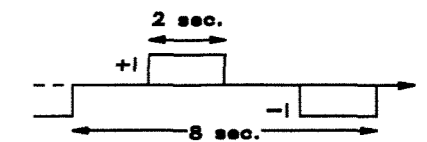


INDUCED POLARIZATION SURVEY

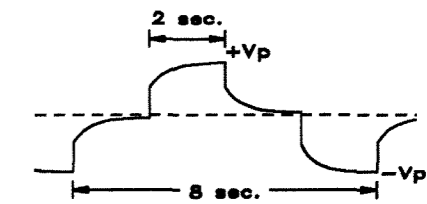
Pole-Dipole Array



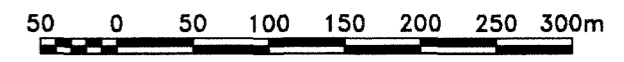
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000

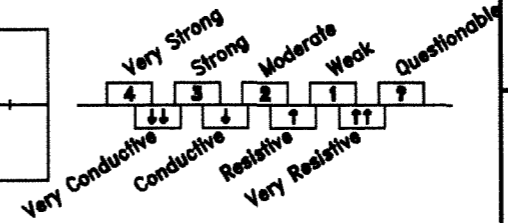
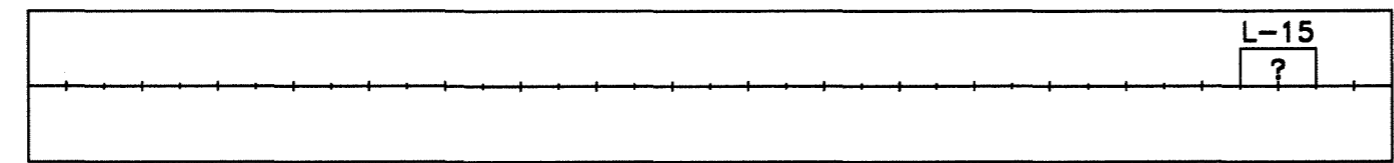


TECK COMINCO LIMITED EXPLORATION

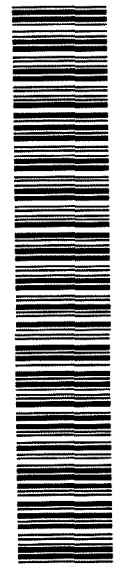
**Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario**

Line 23+00E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Marlin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778



460



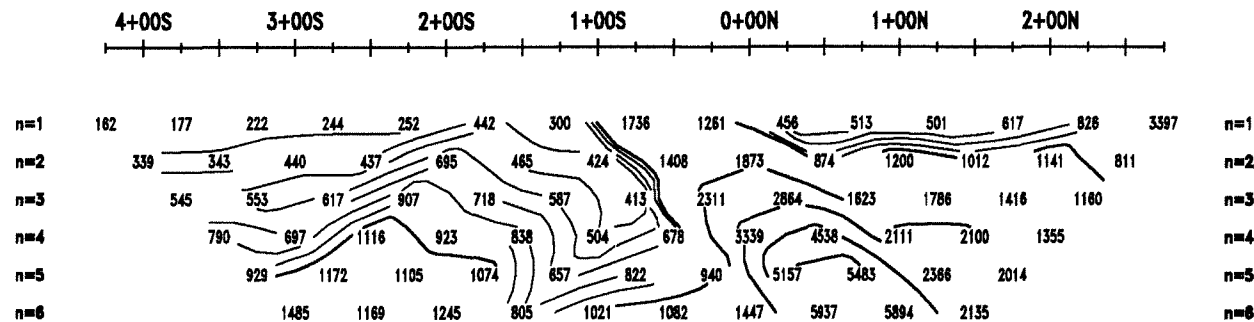
LIZAR

2-29129

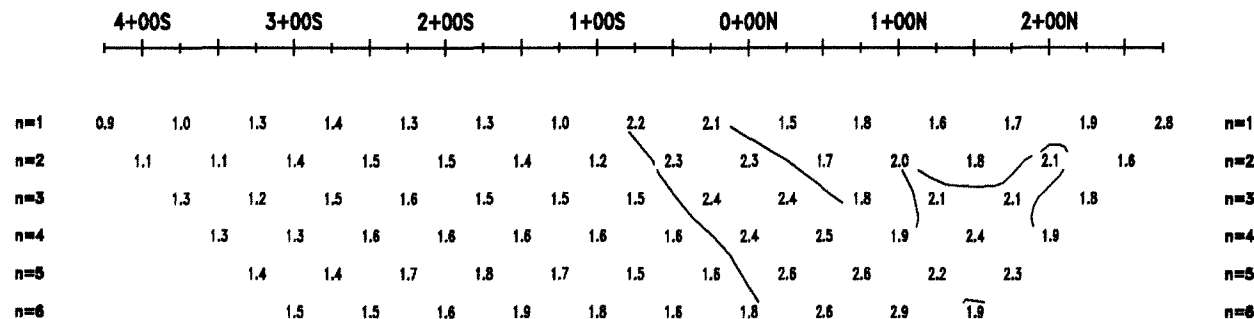
42C15SE2006

INTERPRETATION

APPARENT RESISTIVITY PSEUDO SECTION
Contours: Logarithmics

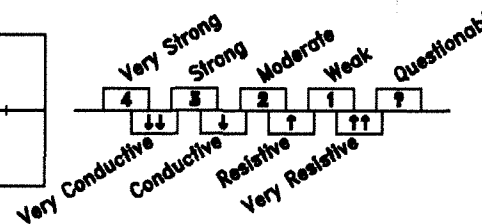
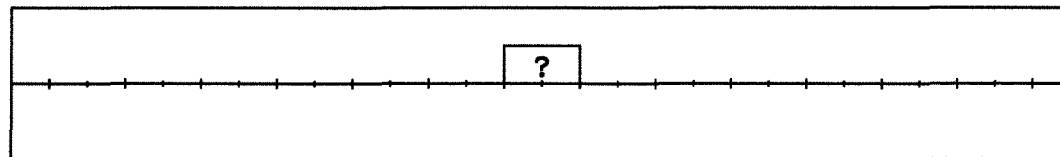


APPARENT CHARGEABILITY PSEUDO SECTION
Contours: 1

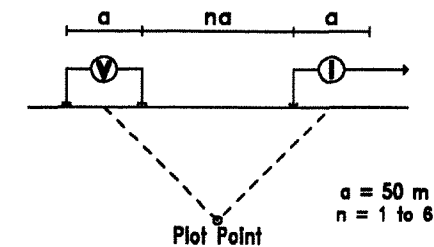


INTERPRETATION

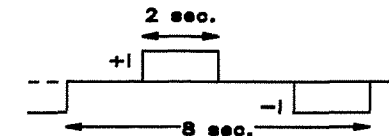
chargeability
resistivity



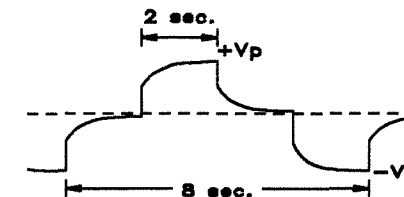
INDUCED POLARIZATION SURVEY Pole-Dipole Array



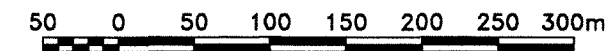
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

**Lizar Property
Lizar, Namelgos, Breckenridge and
Mosambik Townships, Ontario**

Line 25+00E

Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

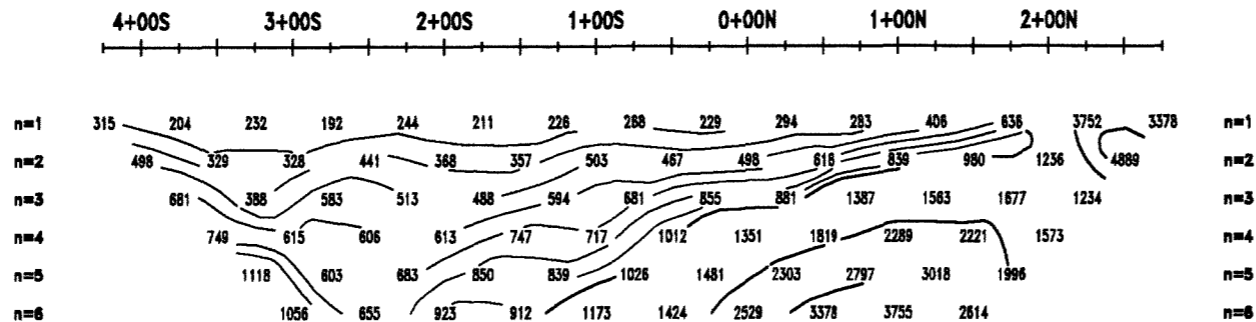
ABITIBI
GEOPHYSICS

470



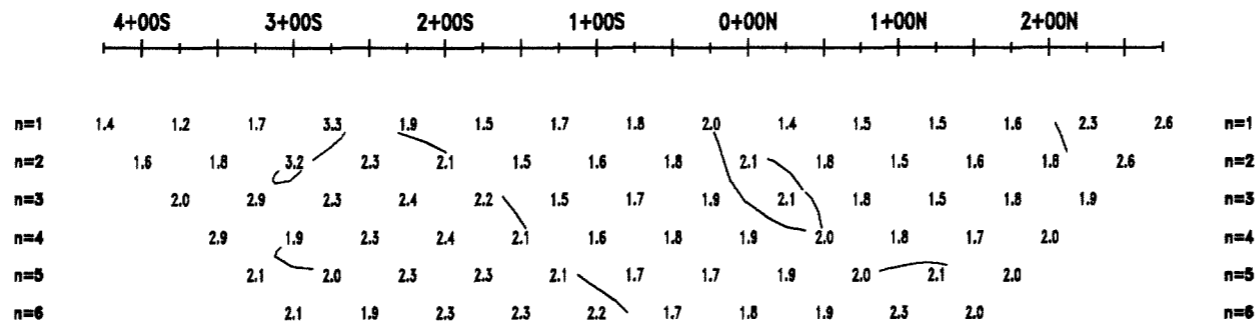
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



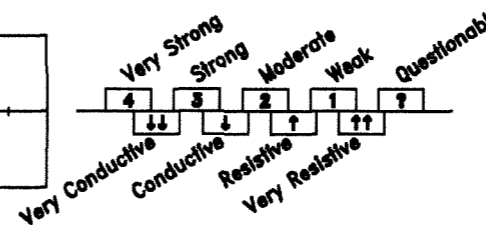
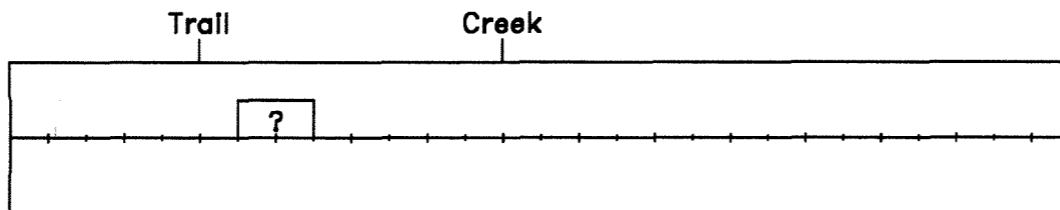
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1



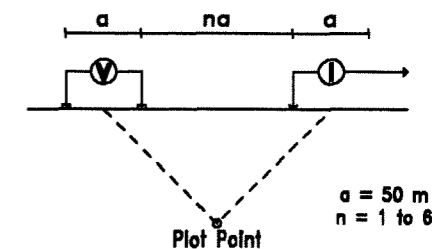
INTERPRETATION

chargeability
resistivity

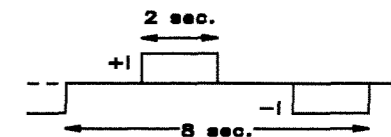


INDUCED POLARIZATION SURVEY

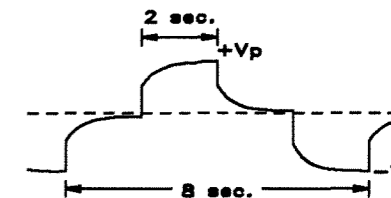
Pole-Dipole Array



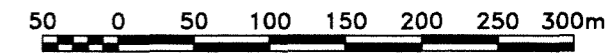
Transmitter: TX-III (GDD), 1.8 kW



Receiver: Eirec-6 (IRIS)



Scale 1 : 5000



TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Namelgos, Breckenridge and
Mosambik Townships, Ontario

Line 27+00E

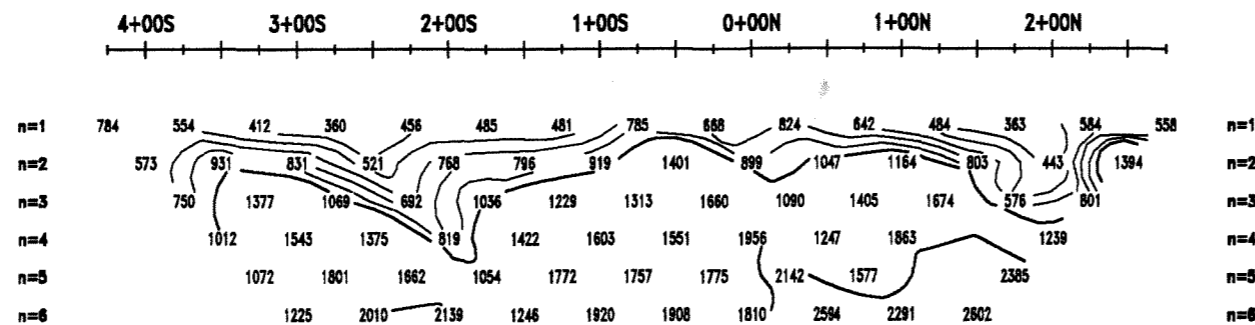
Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778

ABITIBI
GEOPHYSICS



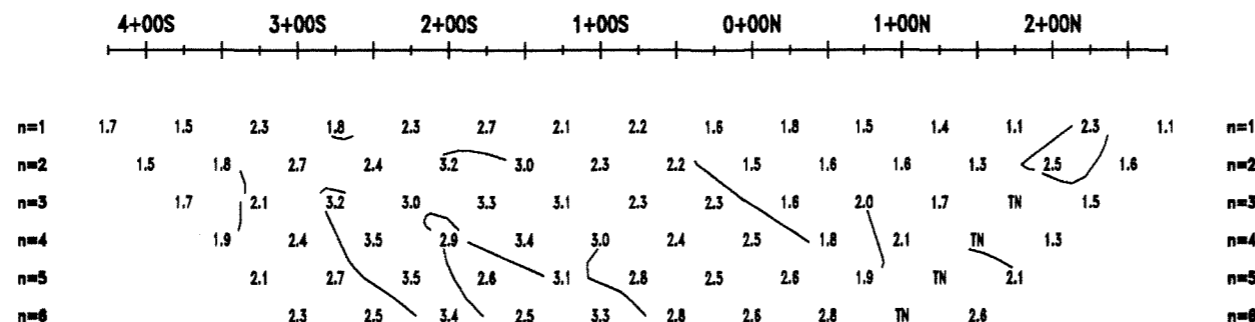
APPARENT RESISTIVITY PSEUDO SECTION

Contours: Logarithmic



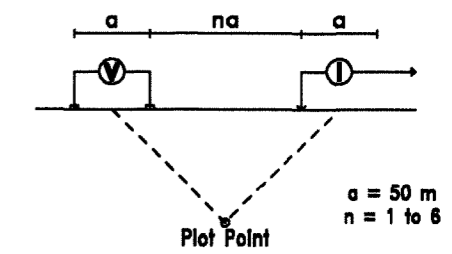
APPARENT CHARGEABILITY PSEUDO SECTION

Contours: 1

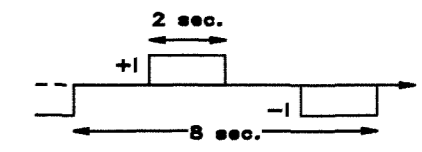


INDUCED POLARIZATION SURVEY

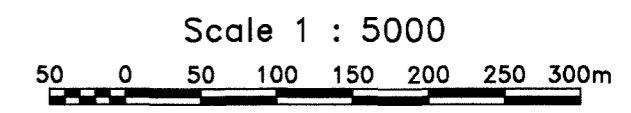
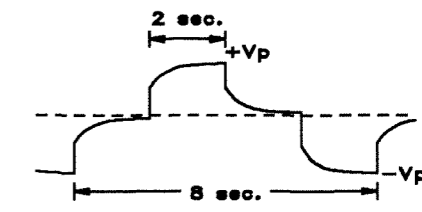
Pole-Dipole Array



Transmitter: TX-III (GDD), 1.8 kW



Receiver: Elrec-6 (IRIS)

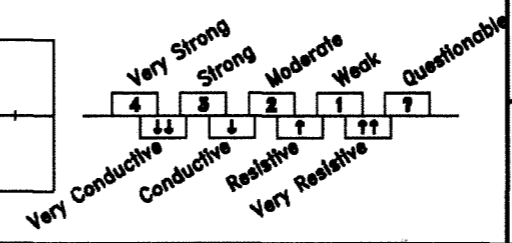
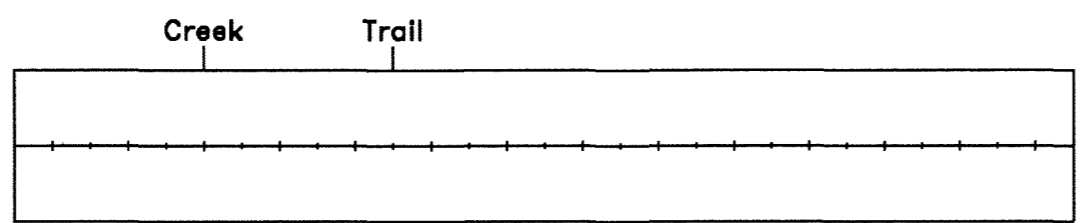


TECK COMINCO LIMITED EXPLORATION

Lizar Property
Lizar, Nameigos, Breckenridge and
Mosambik Townships, Ontario

Line 29+00E

INTERPRETATION
chargeability
resistivity



Interpreted by: Pierre Bérubé, Eng.
Verified by: Martin Dubois, Geo.
Date of survey: September 2004
Surveyed by: Jacques Demers
Reference: 04N778



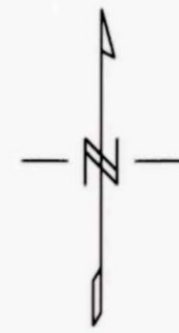
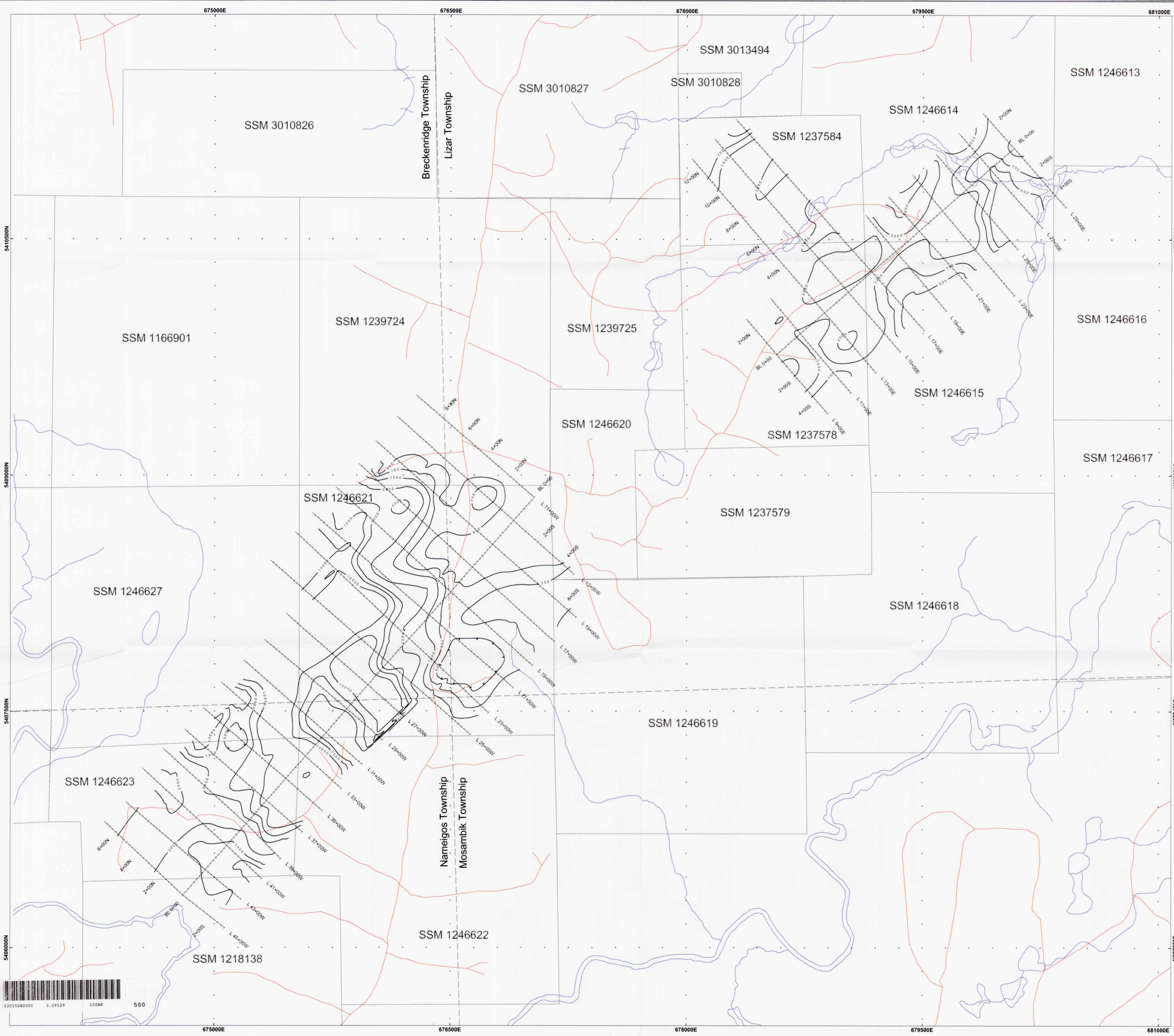
490



LIZAR

2.29129

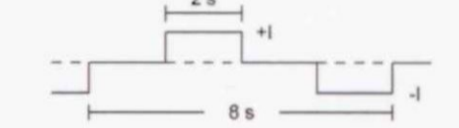
42C15SE2006



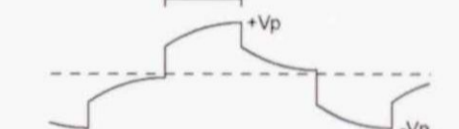
Resistivity Contours

Log spacing: 500, 700, 1000, 2000, 5000, 7000, 10000, 20000

Units: Ohm-m
Transmitter: Tx-III from GDD Instruments

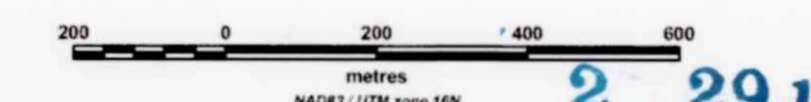


Receiver: ELREC-6 from Iris Instruments

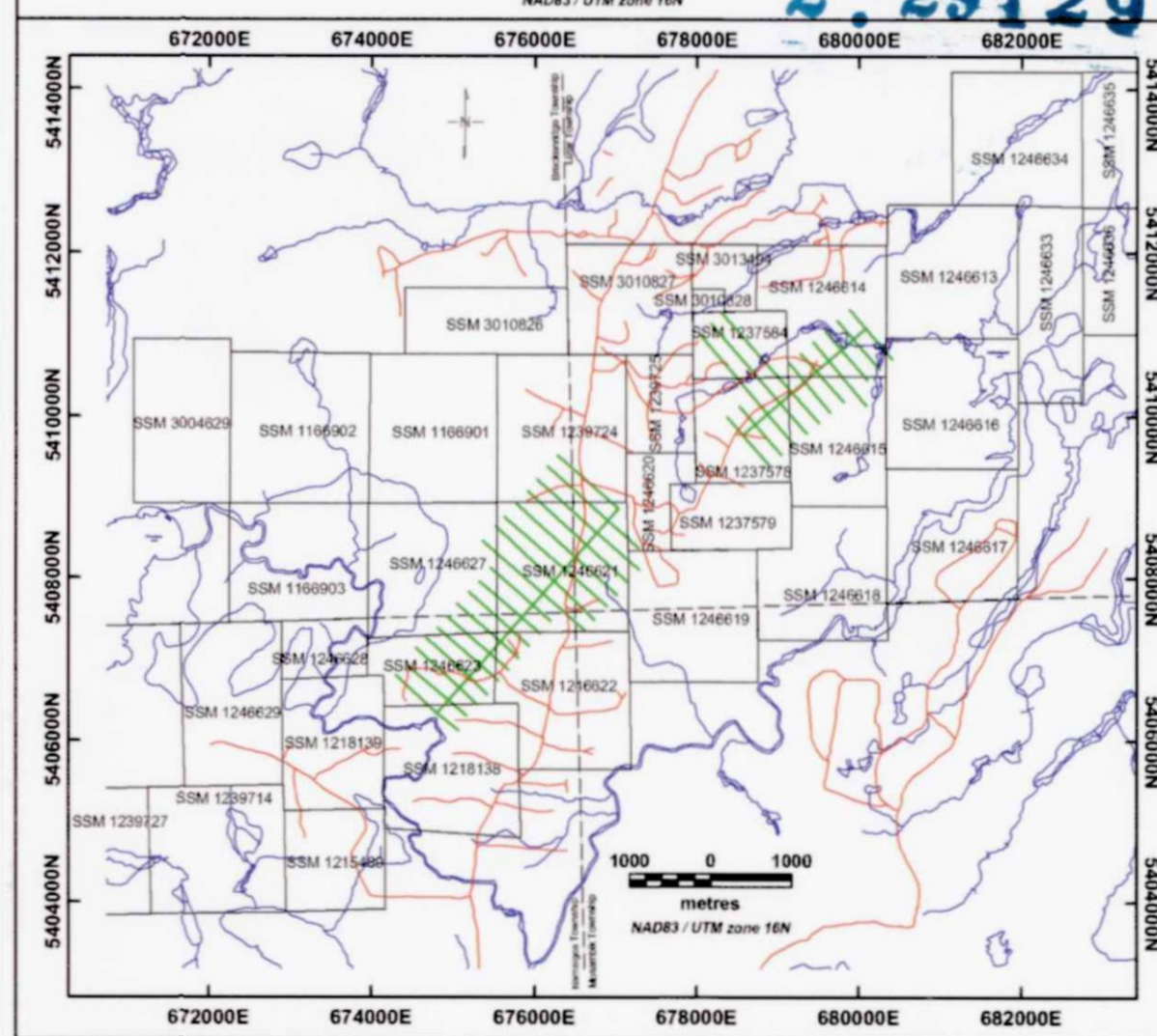


Pole-Dipole Array
n = 1 to 6
a = 50 m

Scale 1:10 000



2.29129

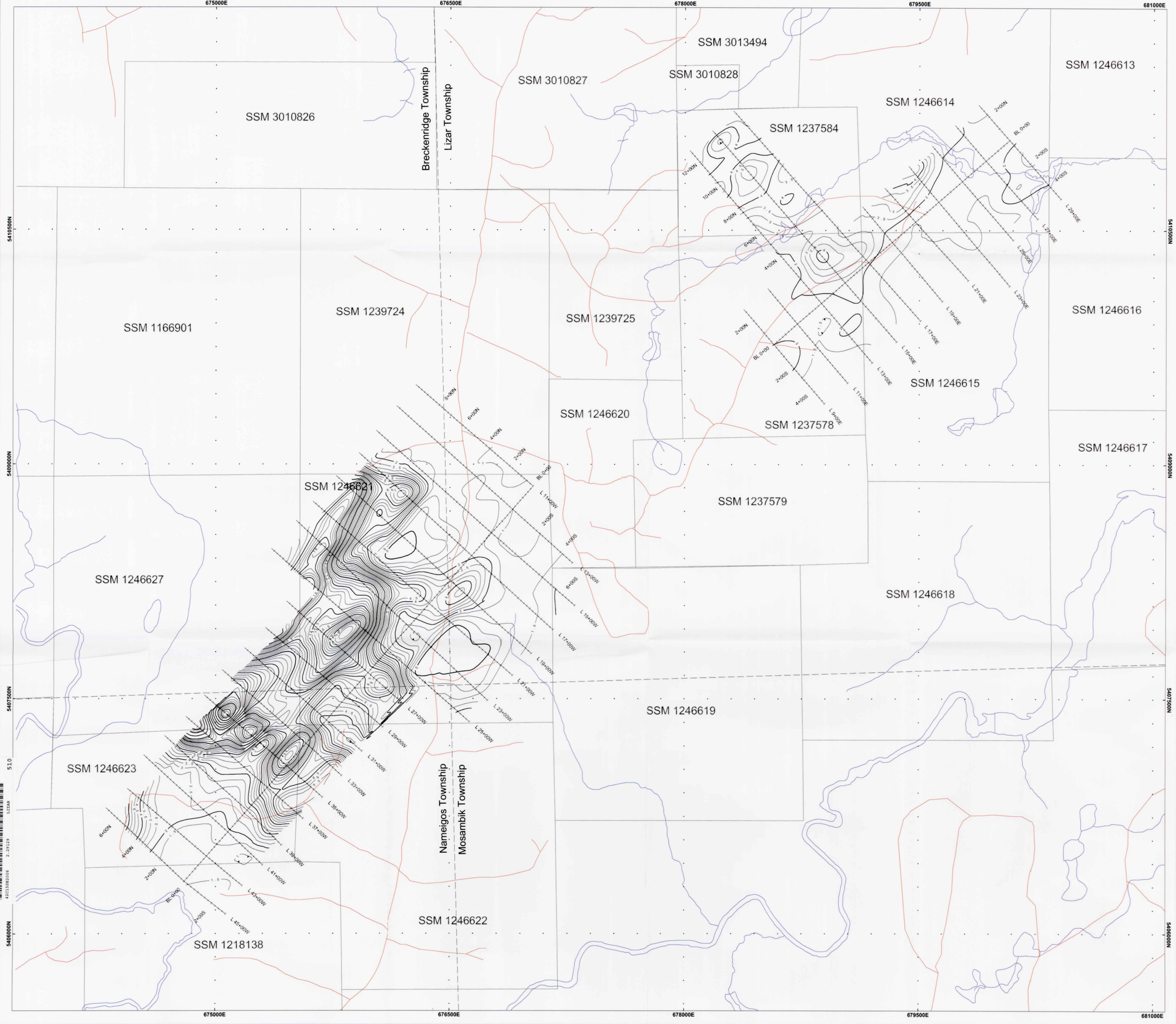


Teck Cominco Limited Exploration
Lizar Property
Breckenridge, Lizar, Mosambik & Nameigos Townships

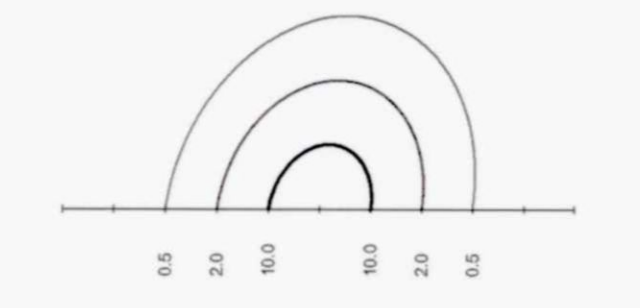
Induced Polarization Survey
image2D™ Resistivity at a Depth of 63 m
(Ohm-m)

Interpreted by: P. Bérubé, Eng.	2004-10	
Surveyed by: J. Demers	2004-09	
Approved by: M. Dubois, Geo.	2004-10	
Reference map: 42C/09-10-15-16	Scale 1:10 000	
Project no.: 04N778	Map no.: 8.2	





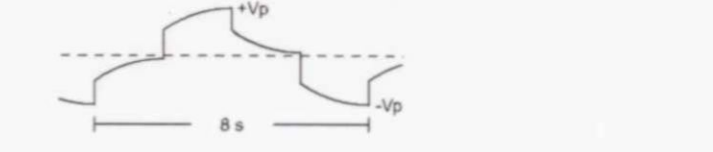
Chargeability Contours



Units: mV/V
Transmitter: Tx-III from GDD Instruments

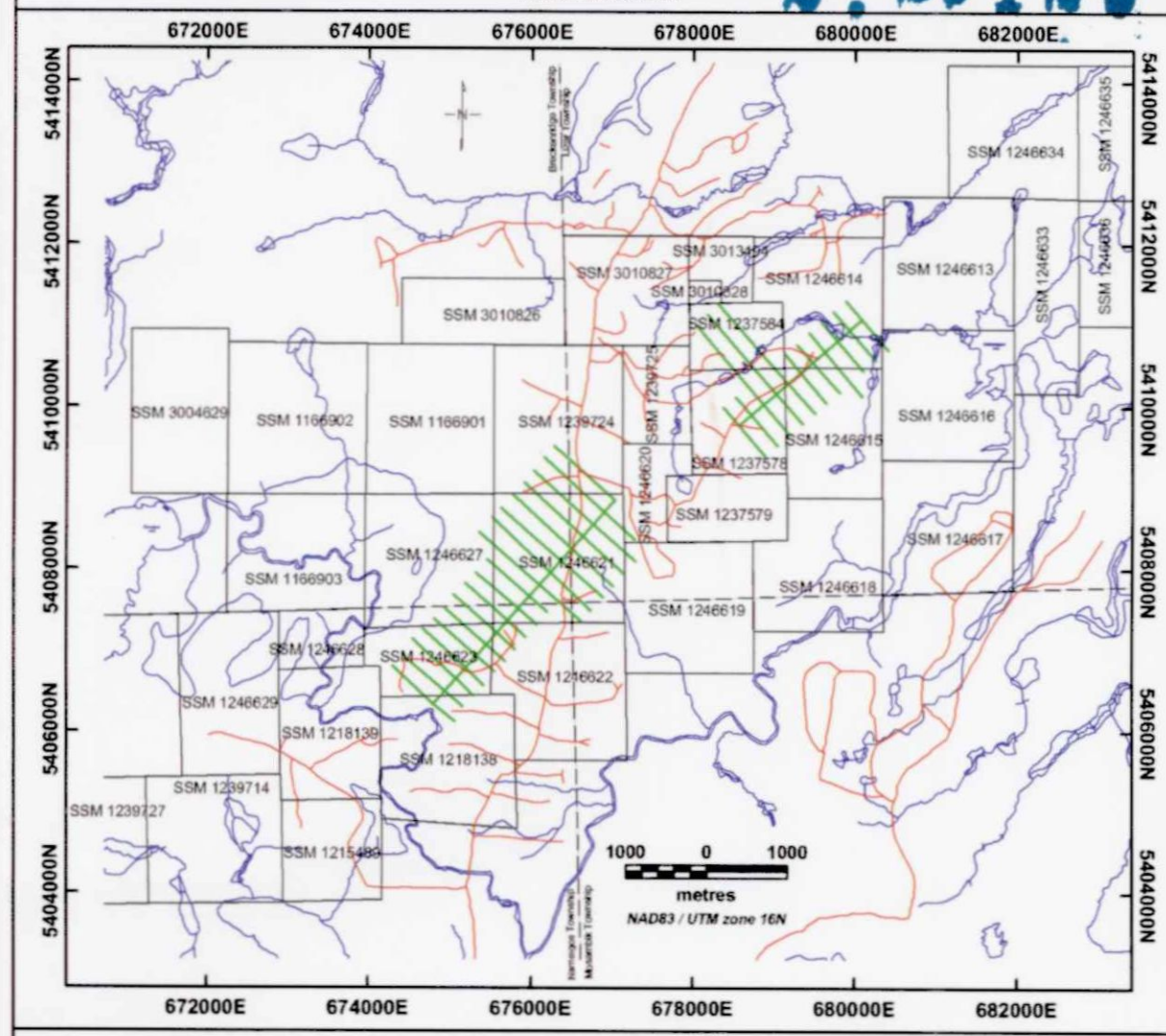
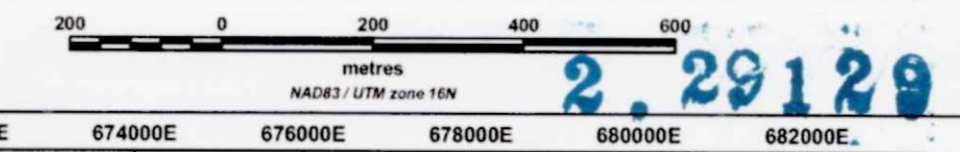


Receiver: ELREC-6 from Iris Instruments



Pole-Dipole Array
n = 1 to 6
a = 50 m

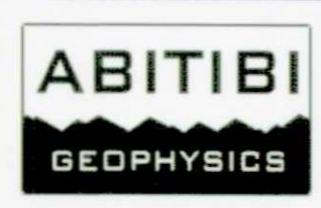
Scale 1:10 000

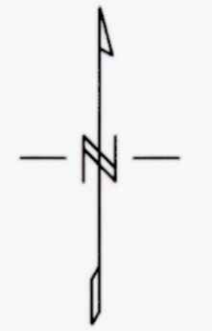
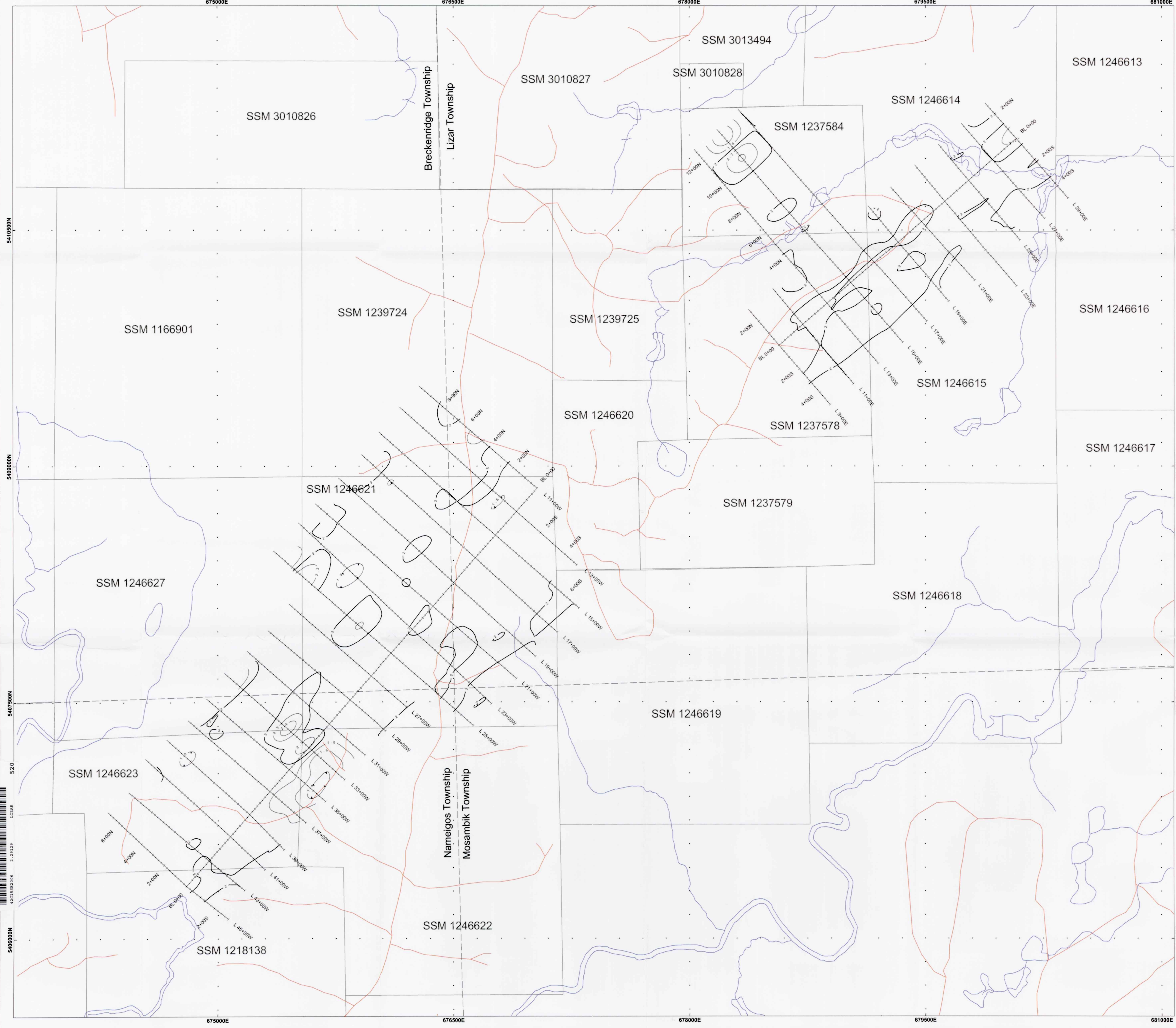


Teck Cominco Limited Exploration
Lizar Property
Breckenridge, Lizar, Mosambik & Nameigos Township

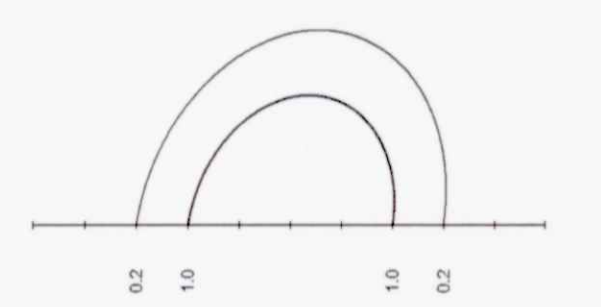
Induced Polarization Survey
image2D™ Chargeability at a Depth of 63 m
(mV/V)

Interpreted by: P. Bérubé, Eng. 2004-10
Surveyed by: J. Demers 2004-09
Approved by: M. Dubois, Geo. 2004-10
Reference map: 42C/09-10-15-16 Scale 1:10 000
Project no.: 04N778 Map no.: 8.3

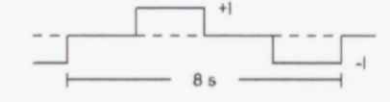




Time Constant Contours



Units: secondes
 Transmitter: Tx-II from GDD Instruments

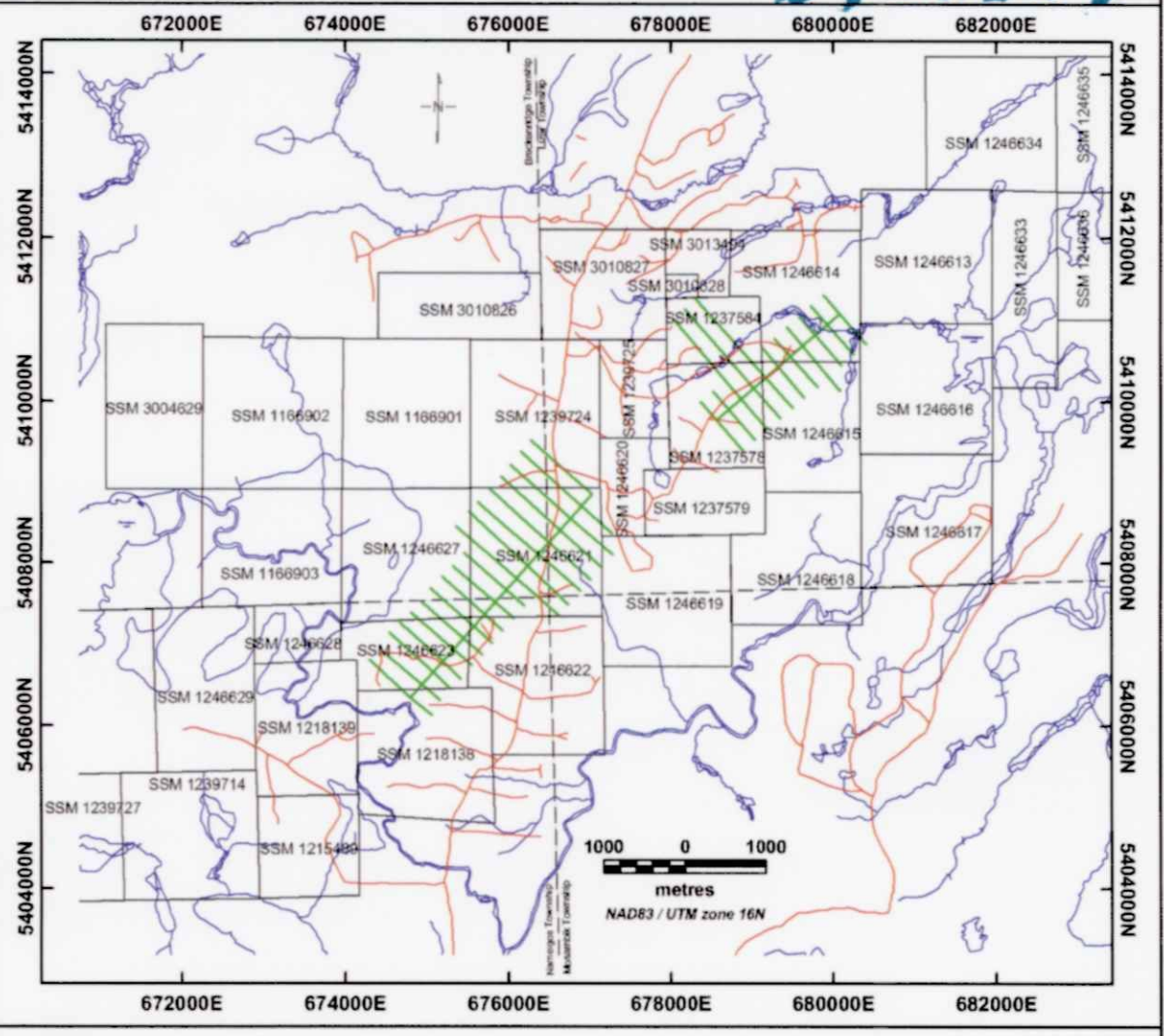
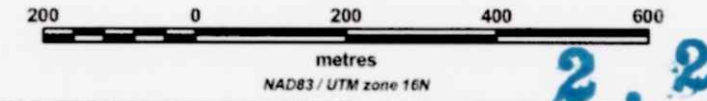


Receiver: ELREC-6 from Iris Instruments



Pole-Dipole Array
 $n = 1 \text{ to } 6$
 $a = 50 \text{ m}$

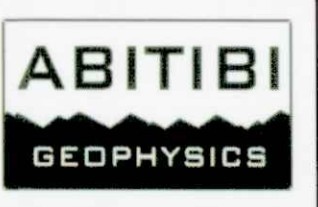
Scale 1:10 000

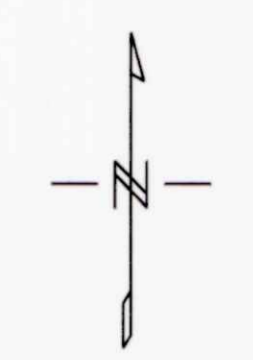
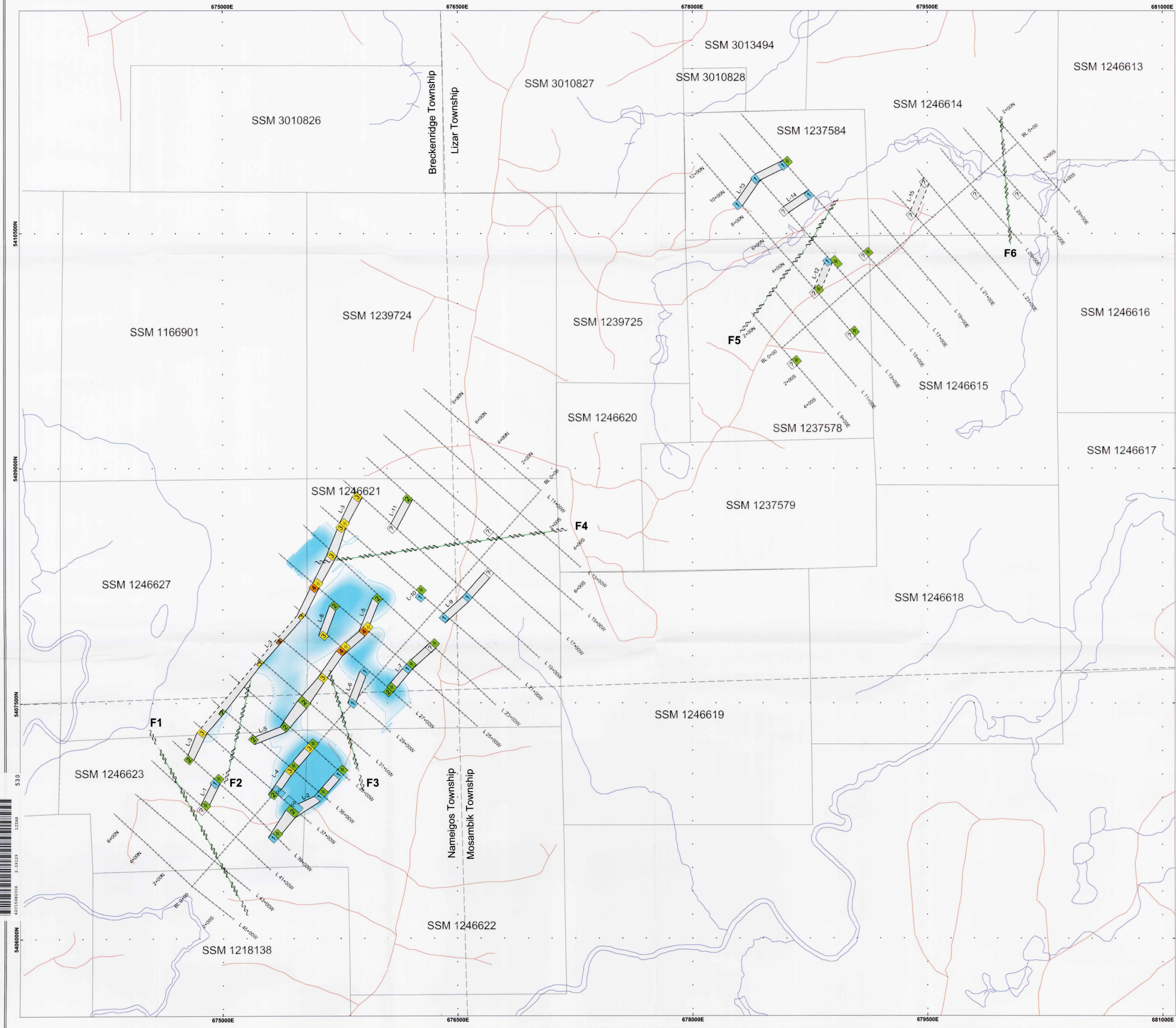


Teck Cominco Limited Exploration
Lizar Property
 Breckenridge, Lizar, Mosambik & Nameigos Townships

Induced Polarization Survey
image2D™ Time Constant at a Depth of 63 m
 (secondes)

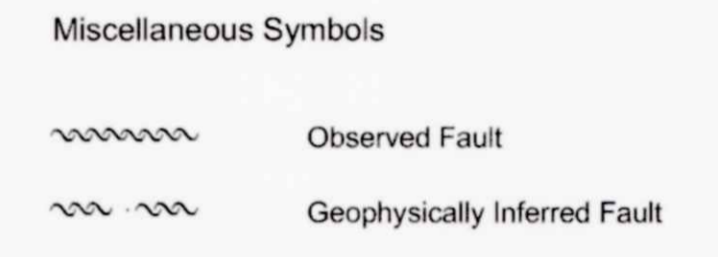
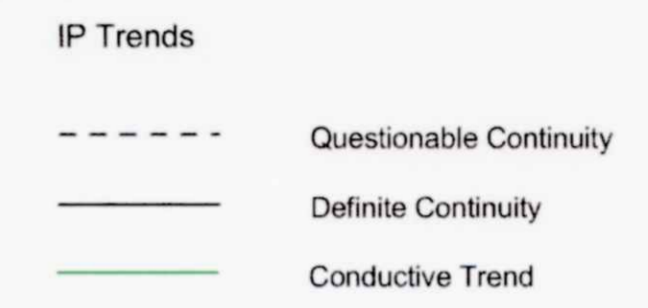
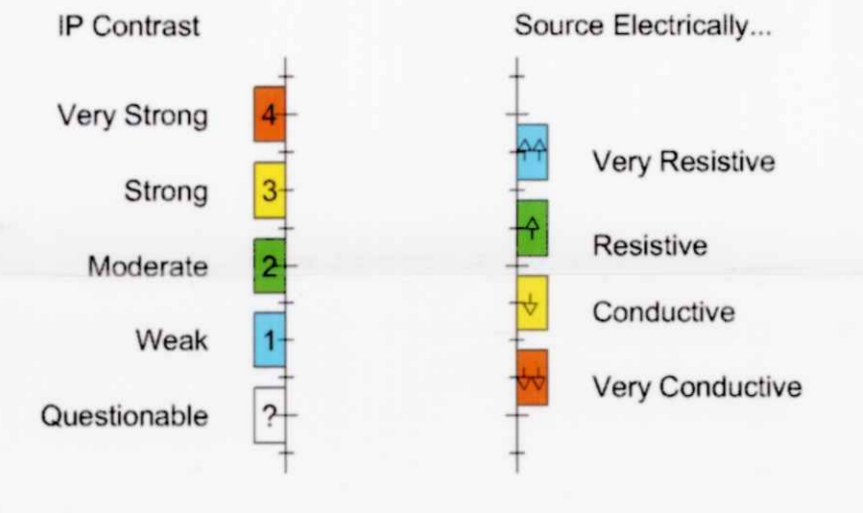
Interpreted by: P. Bérubé, Eng. 2004-10
 Surveyed by: J. Demers 2004-09
 Approved by: M. Dubois, Geo. 2004-10
 Reference map: 42C/09-10-15-16 Scale 1:10 000
 Project no.: 04N778 Map no.: 8.5



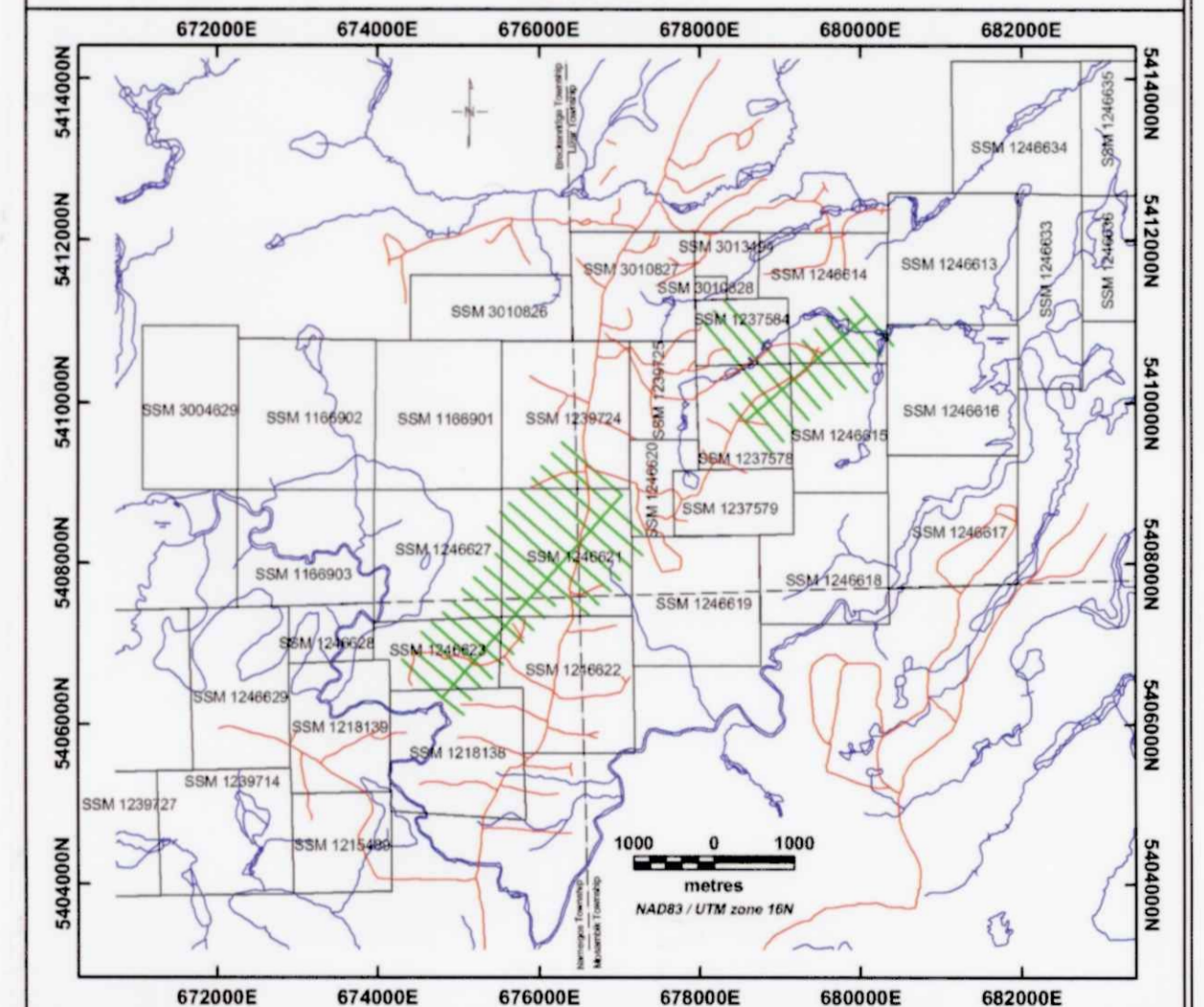
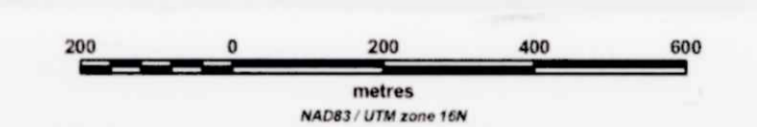


LEGEND

INDUCED POLARIZATION SURVEY



Scale 1:10 000



**Teck Cominco Limited Exploration
Lizar Property
Breckenridge, Lizar, Mosambik & Nameigos Townships**

Geophysical Interpretation

Interpreted by: P. Bérubé, Eng. 2004-10
 Surveyed by: J. Demers 2004-09
 Approved by: M. Dubois, Geo. 2004-10
 Reference map: 42C/09-10-15-16 Scale 1:10 000
 Project no.: 04N778 Map no.: 10.0

