



GEOLA  
CONSULTING CORPORATION

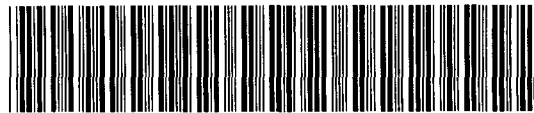
2-17712

INDUCED POLARIZATION SURVEY

performed over a property of  
CAMECO GOLD INC.

BLACK LAKE PROJECT  
SHARRON LAKE & ZARN LAKE TWP's, ONTARIO

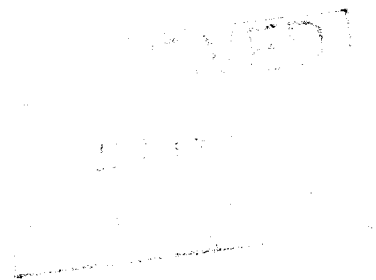
L.Plante, ing., M.Sc. January 1998



52J04NE0013 2.17712 SHARRON LAKE

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97-955





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## INTRODUCTION

An induced polarization survey was performed over a property owned by **Cameco Gold Inc.** The property is located in Sharron Lake and Zarn Lake townships, Ontario. The I.P. survey was performed in order to detect possible conductive and/or polarizable horizons, to which economic mineralization may be associated.

## PROPERTY, LOCATION AND ACCESS

The property is located approximately 21 km east-north-east of Sioux Lookout, in Sharron Lake and Zarn Lake townships, Ontario. The survey covered claim 1162704 ( $\pm 252$  hectares). The property can be reached using highway 642 east, for  $\pm 17$  km, and a skidoo trail for  $\pm 15$  km, up to Black Lake.

## GEOPHYSICAL WORK

During the period of December 9th to 16th, 1997, an induced polarization survey (7,1 km) was performed on the property. Measures were done in the Time domain, using dipole-dipole configuration and the following separation:  $a = 25$  metres,  $n = 1$  to 6. Iron electrodes were employed at the receiver and at the transmitter. The time constant ( $\tau$ ) was computed.

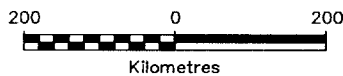
LOCATION MAP



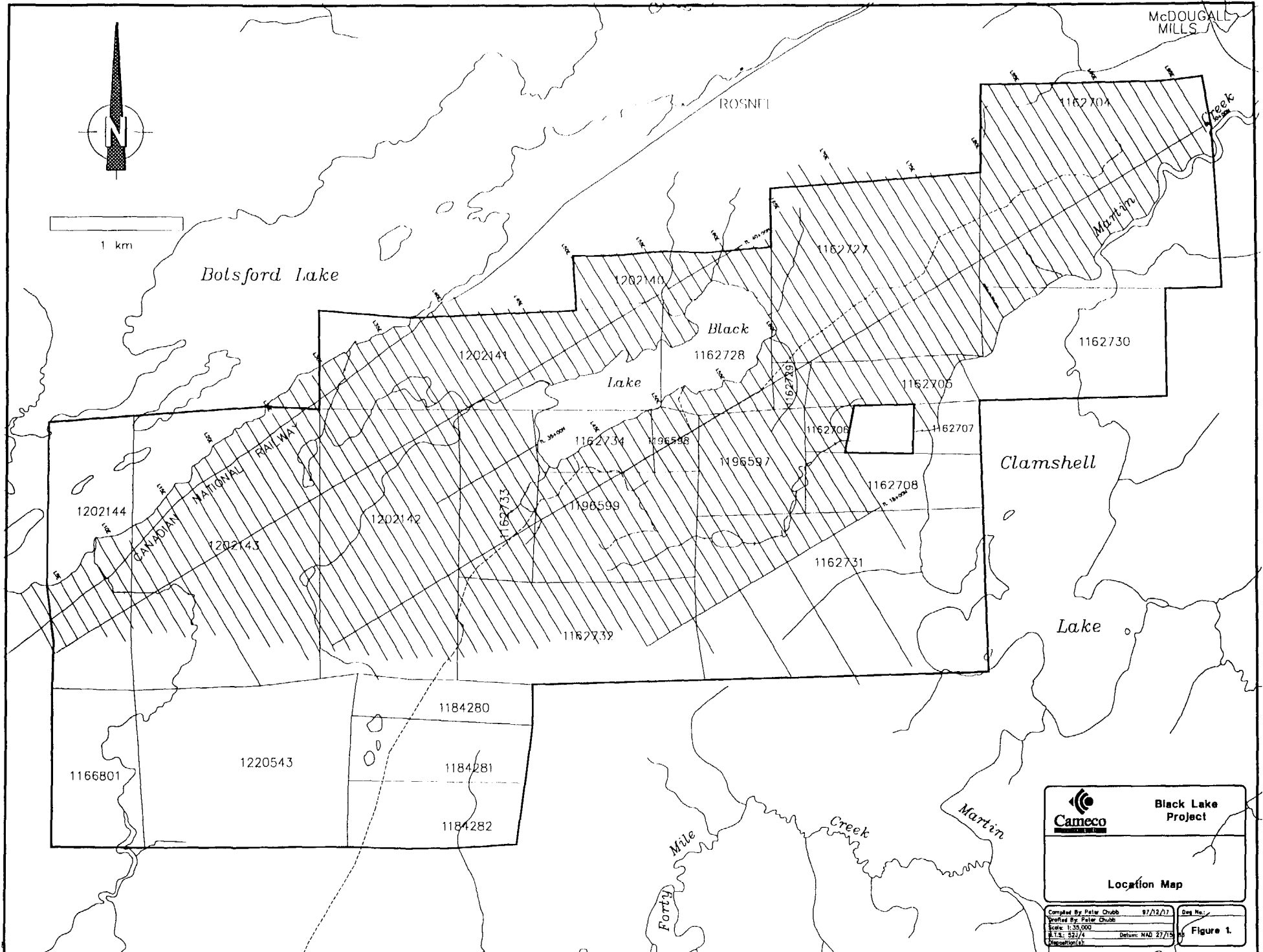
CAMECO GOLD INC.  
BLACK LAKE PROJECT  
Shannon Lake & Zarn Lake Twps, Ont.


N.T.S.: 521/04

SCALE 1: 10,000,000

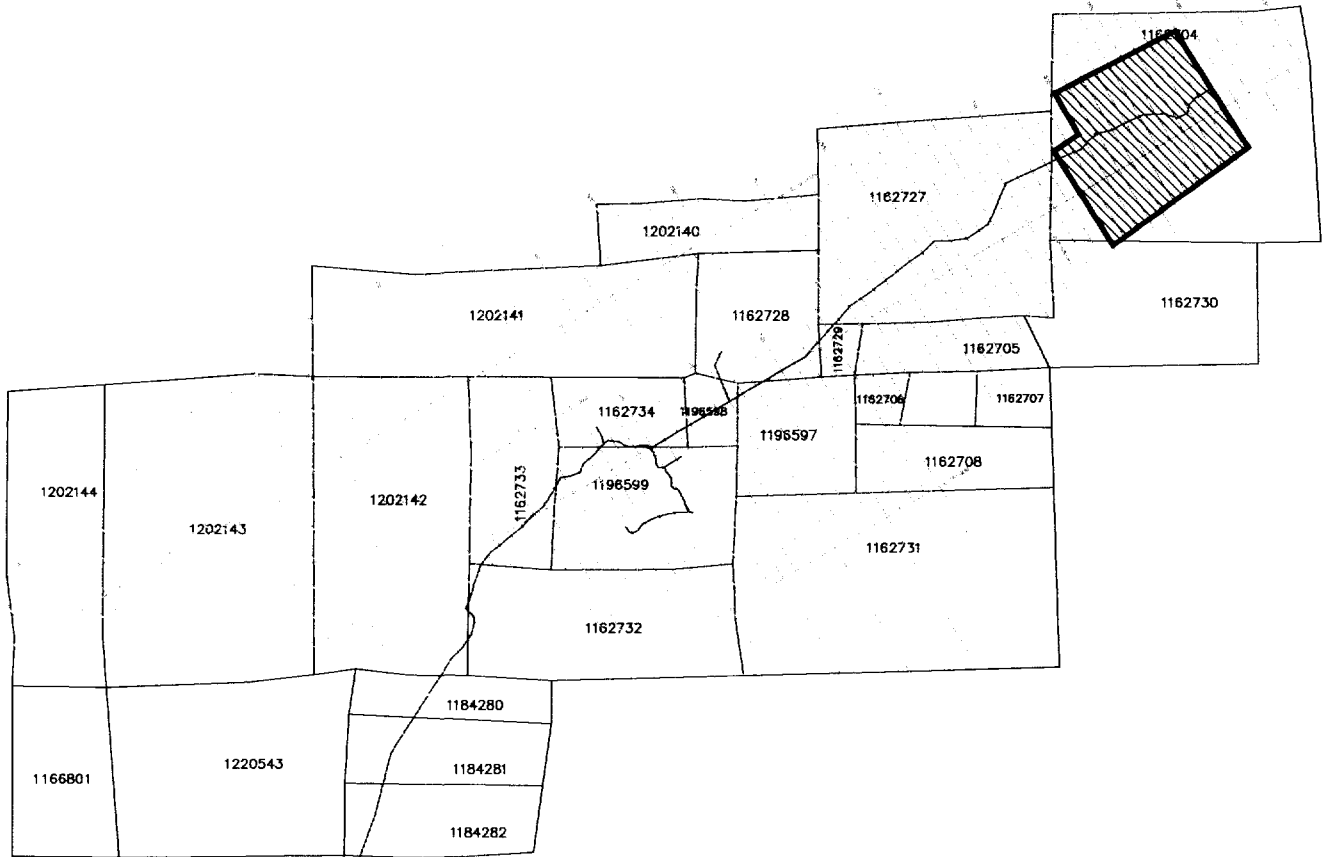


GEOLA LTD 97-955



 <b>Black Lake Project</b>	
<b>Location Map</b>	
Compiled By: Peter Chubb Drafted By: Peter Chubb Scale: 1:25,000 U.T.M.: 52U/4 Date: NAD 27/15 Disposition:	97/12/17 Doc No.: <b>Figure 1.</b>

# INDEX MAP

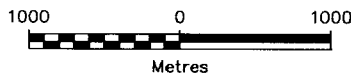


## CAMECO GOLD INC. BLACK LAKE PROJECT

Shannon Lake & Zarn Lake Twps, Ont.

N.T.S.: 52J/04

SCALE 1: 50,000



In general,  $V_p$  were higher than 100 mV. At a few locations however, it decreased to values lower than 10 mV, especially where the overburden is thicker. Electrode resistances are relatively high, due to the presence of outcrops and sandy overburden. The survey had to be suspended before its entire completion because of these hard field conditions. This can be seen on the pseudosections, which appear much noisy.

The grid includes 200 and 100 metre apart  $\pm$  north-west lines.

## DISCUSSION ON THE GEOPHYSICAL METHOD

### The induced polarization method:

The induced polarization survey consists in introducing an electric current into the ground in the form of a "square wave", by means of two metallic electrodes. Two other electrodes permits the measurement of the current and of the voltage present in the ground during the transmission. The resistivity of the ground is then calculated with these two parameters while the chargeability is measured by observing the decrease of the voltage after the current flow stops. The chargeability is in millivolts/volt (mV/V) or milliseconds, and the resistivity in ohm-metres ( $\Omega \cdot m$ ).

The induced polarization method allows the detection of massive or disseminated sulphide zones which are not necessarily conductive. The chargeability intensity of an anomaly depends mainly on the total surface of the disseminated sulphide grains, their nature, the geometrical shape and the

depth of the sulphide zone as well as the conductivity and the thickness of the overburden.

That means the intensity of an I.P. anomaly varies with the grain size and theoretically, massive sulphide zones give a lower anomaly in chargeability than the same amount of sulphides disseminated. At the limit, if it is completely massive, we do not have a chargeability anomaly. It is almost impossible to interpret which quantity of sulphides is producing the anomaly. However, from previous data known on the property, we may guess the amount of sulphides.

If a weak anomaly of chargeability coincides to a low resistivity associated to a resistivity gradient, this anomaly may be produced by ionic currents. Care should be taken in presence of this phenomenon.

High readings of resistivity normally mean that the bedrock is near the surface. Very often, this is also associated with a higher chargeability reading which is then difficult to say if there is presence of weak disseminated sulphides. High resistivity may also indicate the presence of silicified rocks.

Low readings of resistivity without high chargeability readings normally mean that the current does not reach the bedrock. A greater separation should be used in these areas. However, it may also mean presence of massive sulphides, which may be interpreted by the shape of the anomaly itself.

In other words, an induced polarization survey may sometimes be difficult to interpret (it gives no information about



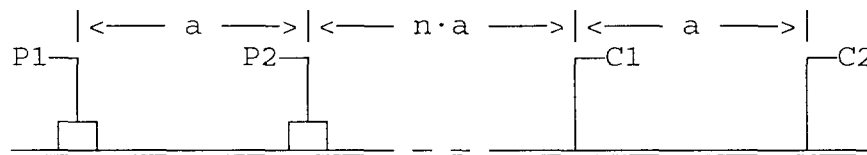
the dip) and it is normally recommended to detail any main anomalies and to interpret them with respect to the geological, topographic and all other pertinent information before proceeding with the drilling.

The readings of the survey are plotted in form of pseudo-sections. Profiles on the pseudosections are computed using Fraser filtering. The anomalies are indicated by appropriate symbolism. The probable location of polarizable or conductive zones is indicated by an axis.

The resistivity was calculated using the following formula:

$$P_a = \pi \cdot n \cdot (n + 1) \cdot (n + 2) \cdot a \cdot V / I \quad \Omega \cdot m$$

Configuration dipole-dipole:



The time constant ( $\tau$ ), expressed in milliseconds, was computed (Johnson, 1984). This parameter is indicative of the shape of the decay curves and has been related to grain size. By definition, it also gives an idea of the quality of the data. When noise was too strong to get a good fit for a particular location, the value -1000 was assigned to that location. The  $\tau$  values appear at the top of the pseudosections.

## DESCRIPTION AND INTERPRETATION

The induced polarization survey performed over the property, permitted to detect only one well defined anomaly. Some other anomalies, mainly consisting in resistivity lows but also in weak chargeability anomalies, were also interpreted. All are plotted on the pseudosections and on the maps.

The apparent resistivity varies a lot over the grid. Line 8400 E gives a good idea of this variability. At some locations, the resistivity is low but increases from less than  $50 \Omega \cdot m$  on  $N = 1$  to  $\pm 300 - 400 \Omega \cdot m$  on  $N = 6$ . This generally indicates the presence of a thicker conductive overburden layer. In general, resistivity lows are interpreted as valleys and/or as fractures in the bedrock, but alteration zones may also produce such features. Higher resistivities are generally interpreted as bedrock uplifts or, for very high resistivities, as outcrops. This may also reflect silicification.

As mentioned before, a dummy value of -1000 ms was assigned to the time constant when the raw data were too noisy. We may say as well that for this particular survey, large time constants (100 s) are more often related to noisy data.

The first priority anomaly P-01 is located on line 87+00 E (station  $\pm 29+70$  N). It is not very strong (2 to 3 mV/V with background values of less than 2 mV/V), but it is well defined. It also correlates to a weak increase in resistivity. The decay curves for this anomaly are relatively clean (at least for the first four separations) and the time constant varies from 10 ms to 300 ms on  $N = 1$  to 4. Based on these parameters, the related mineralization should then be of the "disseminated type", with fine grain material.

Possible end effects for P-01 are seen on adjacent lines (lines 86+00 E and 88+00 E, around 29+50 N). Line 85+00 E should also be surveyed to look for a possible extension for P-01.

Other weak possible I.P. anomalies are seen, especially at the south limit of lines 89+00 E and 86+00 E. They should be detailed with the I.P. method to the south.

The resistivity low zones, related to thicker overburden, define a  $\pm$  east-north-east trend. An other resistivity low axis, interpreted as striking  $\pm$  north-south, could be associated to a fault (see on line 87+00 E, around 32+50 N). It is located near P-01. This "cross-cutting" feature may have its importance for possible mineralization.

The time constant estimates we produced, must be taken with great care, since the survey is much noisy (due to the field conditions).

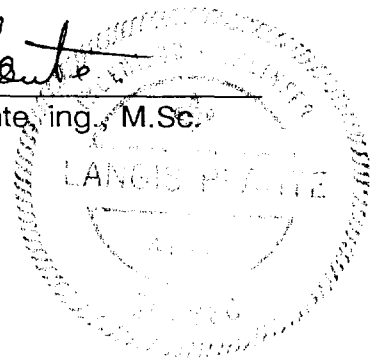
## CONCLUSION AND RECOMMENDATIONS

The induced polarization survey performed over the property had to be stopped because of difficult field conditions. The results are noisy. However, one well defined I.P. anomaly has been detected. This anomaly (P-01) should be verified by drilling, or possibly by trenching, if relevant. Other possible weak I.P. anomalies have been interpreted but other geoscientific data are needed to properly assess them.

The survey should be resumed during the summer or shortly after spring, in a period of time when the overburden is water saturated. Porous pots should also be used. This should improve future data quality. In the same time, the present data should be verified on a couple of lines to insure we did not miss anything (on line 87+00 E at least). Line 85+00 E should also be covered with I.P. in order to try to detect an extension for P-01.

Respectfully submitted,

By:   
Langis Plante, ing., M.Sc.





## STATEMENT FOR ASSESSMENT WORK

I, the undersigned, Langis Plante, for **Géola Limitée**, certify to the following:

During the period of December 9th to 16th, 1997, an induced polarization survey (7,1 km) was done over a property owned by **Cameco Gold inc.**

The property is located approximately 21 km east-north-east of Sioux Lookout, in Sharron Lake and Zarn Lake townships, Ontario. The survey covered claim 1162704 ( $\pm$  252 hectares). The property can be reached using highway 642 east, for  $\pm$  17 km, and a skidoo trail for  $\pm$  15 km, up to Black Lake.

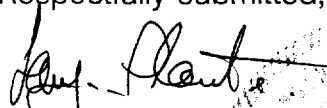
### Description of the I.P. method:

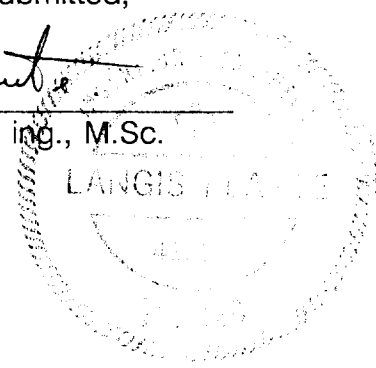
Transmitter:	GDD 1400, 1,4 kW;
Receiver:	BRGM IP-6;
Configuration:	Dipole-dipole;
Separation:	a = 25 metres, n = 1 to 6;
Interval:	25 metres;
TIME Domain;	
Parameters:	Resistivity and chargeability;
Cycle:	2 sec $\pm$ On, 2 sec OFF;
Integration:	start: 0,16 sec; stop: 1,74 sec.

Operators:

- (7 days) Jacques Demers, chief  
663, R.R. 1  
Authier-Nord, QC
- (7 days) Lionel Bruneau  
664, R.R. 9  
Authier-Nord, QC
- (7 days) Dominic Dubé  
403, R.R. 9  
Authier-Nord, QC
- (7 days) Charles Meunier  
341, des Collines  
Beaudry, Qc
- (7 days) Steve Blais  
109, Principale  
Palmarolle, QC

Respectfully submitted,

By:   
Langis Plante, ing., M.Sc.

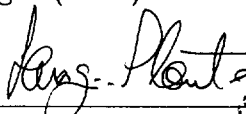


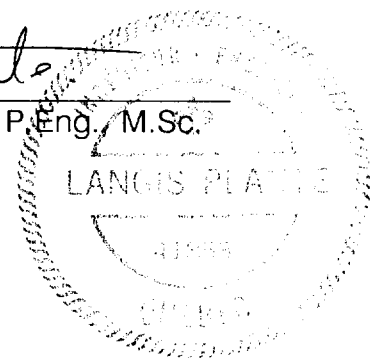


## CERTIFICATE

1. I, the undersigned Langis Plante, residing at 73, chemin Baie Carrière, Val d'Or, QC, graduated with a B.Sc.A degree in geological engineering in 1983 and with a M.Sc. degree in geology (geophysics) in 1986 from Laval University.
2. I am a member of the Ordre des Ingénieurs du Québec and of the Association Professionnelle des Géologues et des Géophysiciens du Québec. I am practicing as an engineer since 1986.
3. I have no direct or indirect interests in the mining claims owned by *Cameco Gold Inc.* nor in the securities of this company and I have no intention of receiving such interests.
4. The interpretation and recommendations described in this report are based on my general knowledge and on my personal experience in geology, geophysics and mining exploration.
5. I authorize the above-mentioned company to use this report for any legal and/or official purposes.

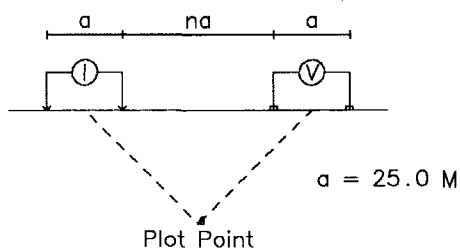
Signed in Val d'Or, this thirteenth (13th) day of January of the year one thousand nine-hundred ninety-eight (1998).

By:   
Langis Plante, P. Eng., M.Sc.



Line 7800.00 E

Dipole-Dipole



Filter  
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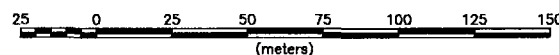
Operator : J. Demers  
Receiver : IP-6, BRGM  
Transmitter : GDD 1400  
Generator : 1.4 kW

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

INTERPRETATION

- Induced polarization anomaly.
- Resistivity low.
- Resistivity high.

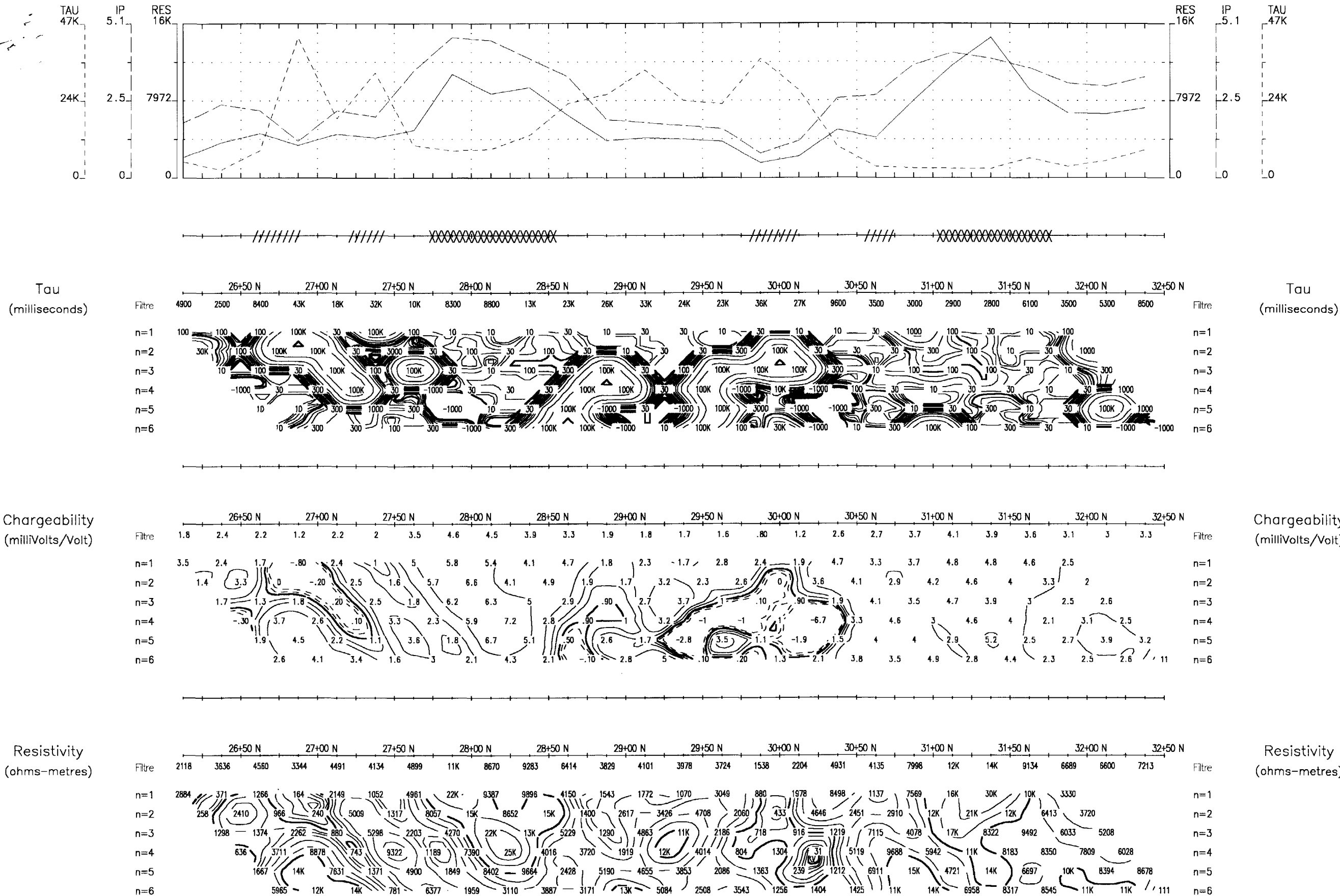
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CAMECO Gold Inc.  
INDUCED POLARIZATION SURVEY  
Black Lake Project  
Shannon Lake & Zarn Lake Twps, Ont.

Date: 98/01/12  
Interpretation: L. Plante Ing.

GEOLA LTEE 97-955-00

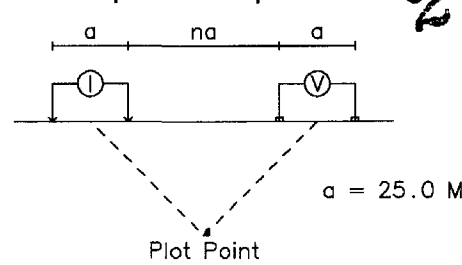


Line 7800.00 E



Line 8000.00 E

Dipole-Dipole



Filter  
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a = 25.0 M

2.17712

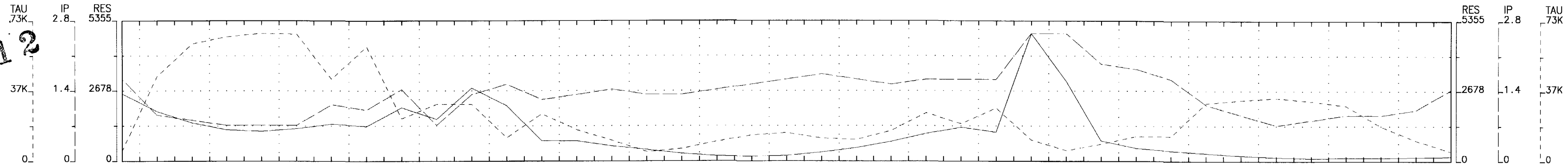
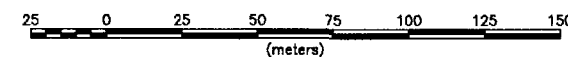
Operator : J. Demers  
Receiver : IP-6, BRGM  
Transmitter : GDD 1400  
Generator : 1.4 kW

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

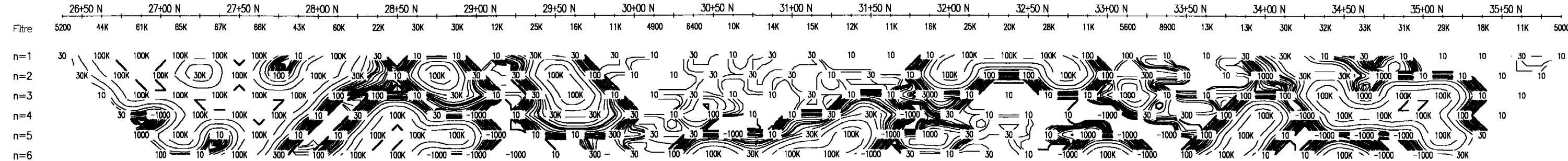
INTERPRETATION

- Induced polarization anomaly.
- Resistivity low.
- Resistivity high.

Scale 1:2500

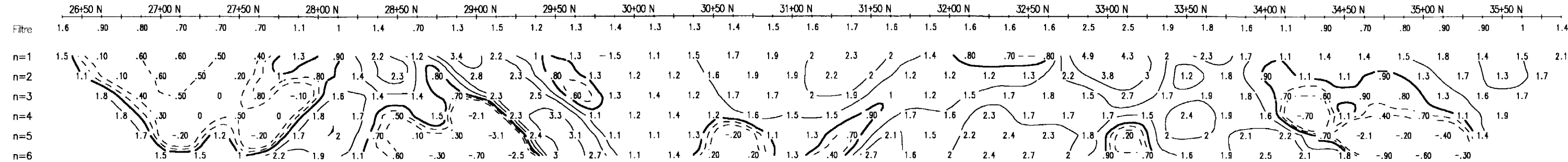


Tau  
(milliseconds)



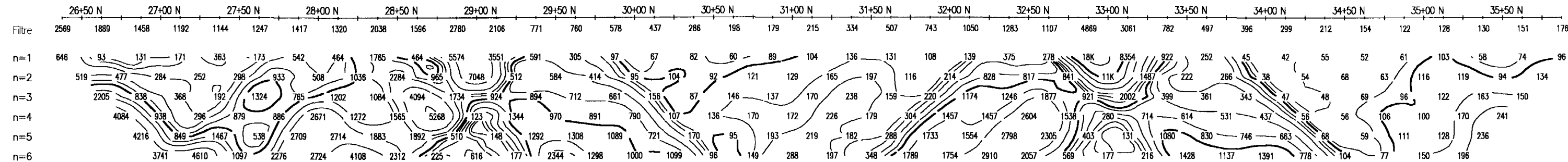
Tau  
(milliseconds)

Chargeability  
(milliVolts/Volt)



Chargeability  
(milliVolts/Volt)

Resistivity  
(ohms-metres)



Resistivity  
(ohms-metres)

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INDUCED POLARIZATION SURVEY  
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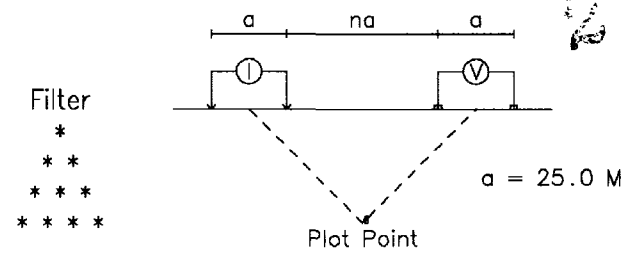
Date: 98/01/12  
Interpretation: L. Plante Ing.

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Line 8000.00 E

Line 8200.00 E

Dipole-Dipole



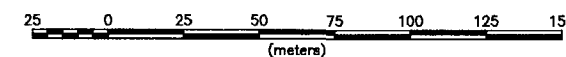
Operator : J. Demers  
 Receiver : IP-6, BRGM  
 Transmitter : GDD 1400  
 Generator : 1.4 kW

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

INTERPRETATION

- Induced polarization anomaly.
- Resistivity low.
- Resistivity high.

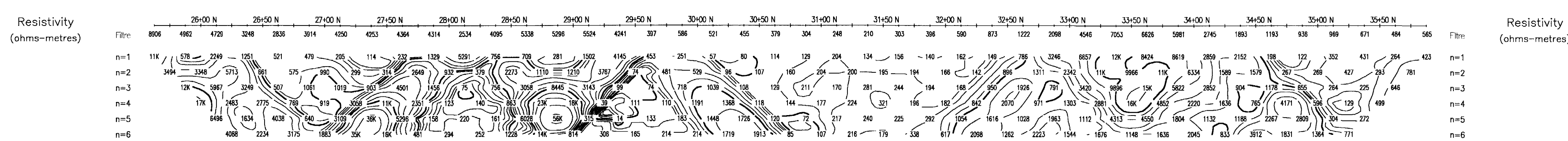
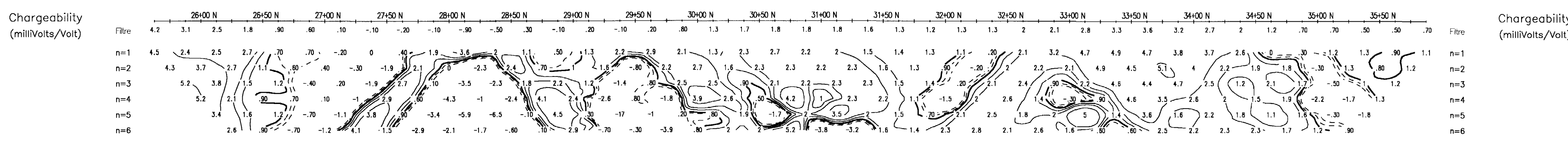
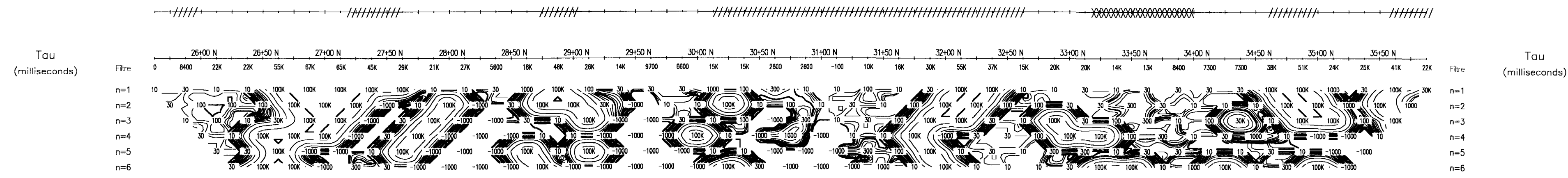
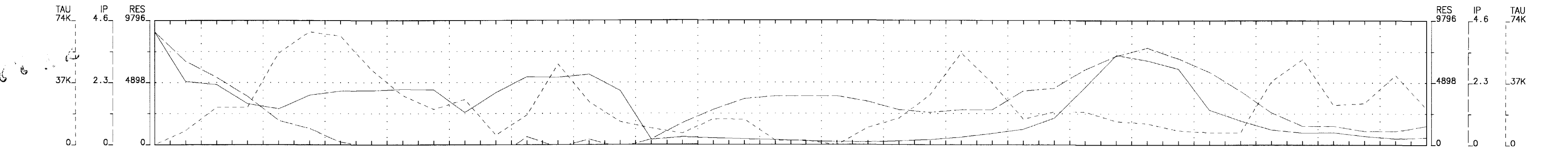
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CAMECO Gold Inc.  
 INDUCED POLARIZATION SURVEY  
 Black Lake Project  
 Shannon Lake & Zarn Lake Twps, Ont.

Date: 98/01/12  
 Interpretation: L. Plante Ing.

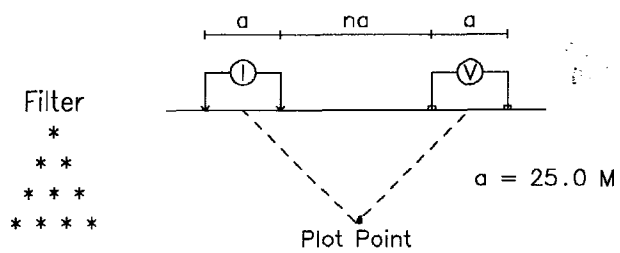
GEOLA LTEE 97-955-02



Line 8200.00 E

Line 8400.00 E

Dipole-Dipole



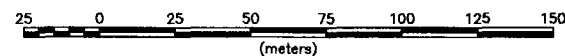
Operator : J. Demers  
 Receiver : IP-6, BRGM  
 Transmitter : GDD 1400  
 Generator : 1.4 kW

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

INTERPRETATION

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- Resistivity low.
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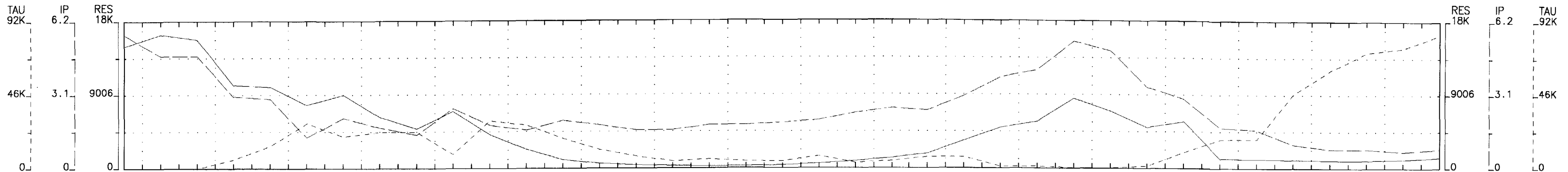
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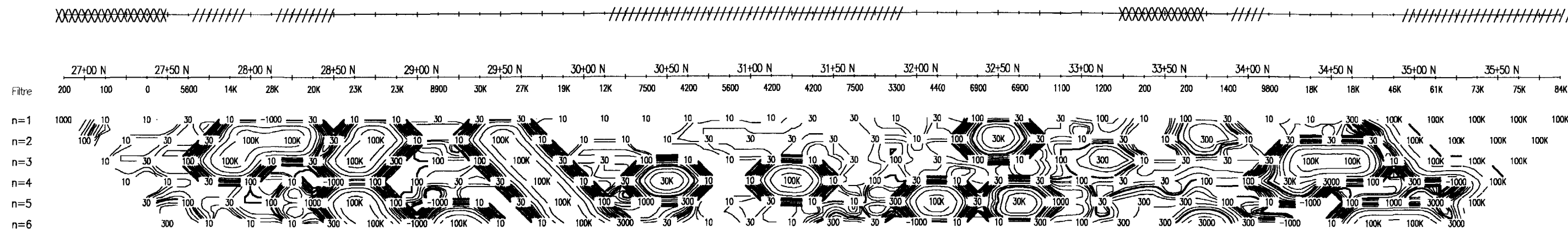
CAMECO Gold Inc.  
 INDUCED POLARIZATION SURVEY  
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 Shannon Lake & Zarn Lake Twps, Ont.

Date: 98/01/12  
 Interpretation: L. Plante Ing.

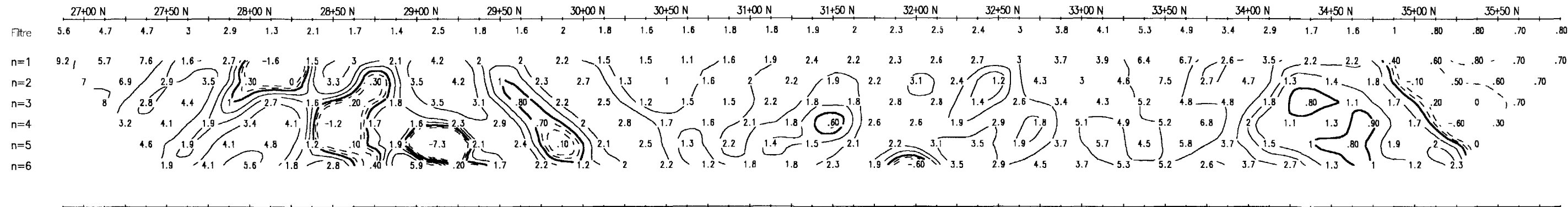
GEOLA LTEE 97-955-03



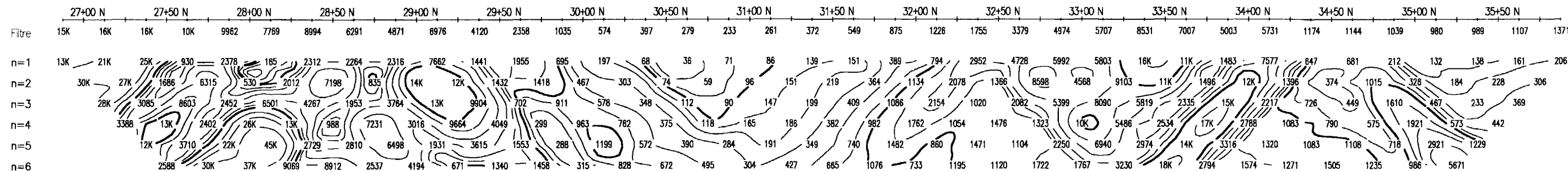
Tau (milliseonds)



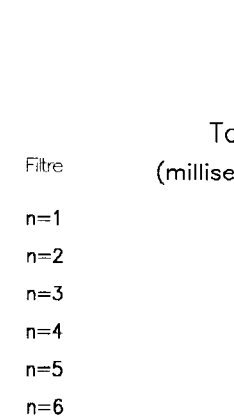
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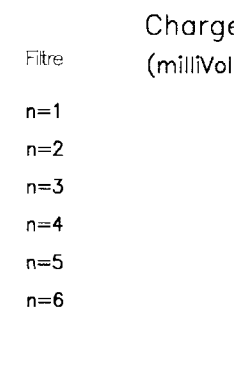
Resistivity (ohms-metres)



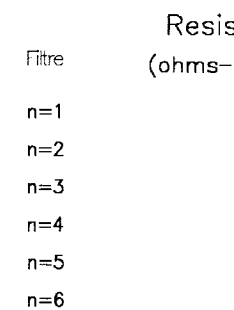
Tau (milliseonds)



Chargeability (milliVolts/Volt)



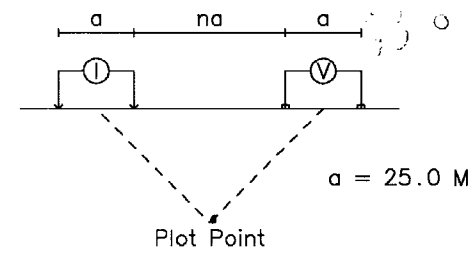
Resistivity (ohms-metres)



Line 8400.00 E

Line 8600.00 E

Dipole-Dipole



Filter  
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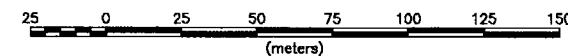
Operator : J. Demers  
Receiver : IP-6, BRGM  
Transmitter : GDD 1400  
Generator : 1.4 kW

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

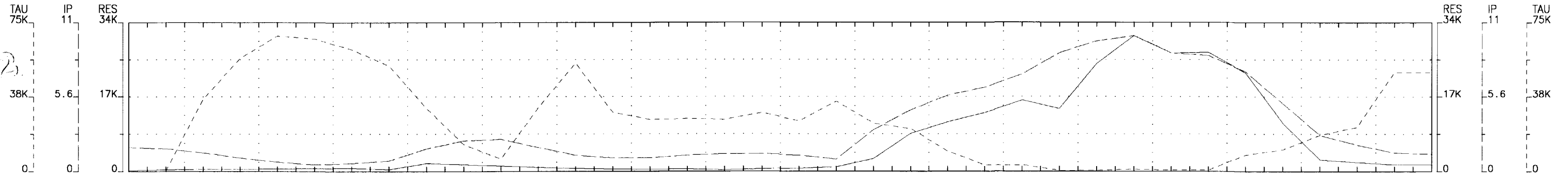
INTERPRETATION

- Induced polarization anomaly.
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- Resistivity high.

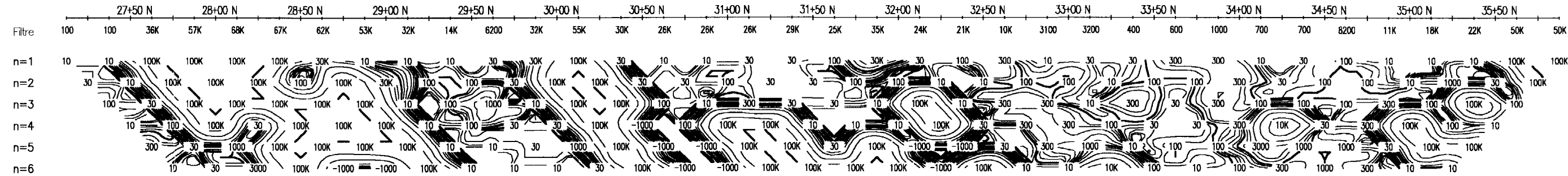
Scale 1:2500



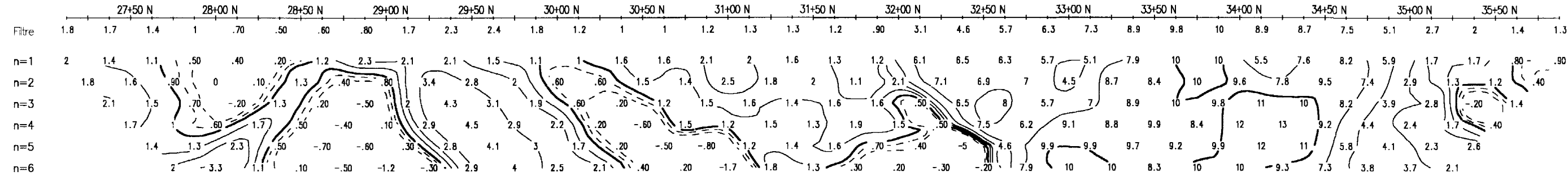
CAMECO Gold Inc.  
INDUCED POLARIZATION SURVEY  
Black Lake Project  
Shannon Lake & Zarn Lake Twps, Ont.  
Date: 98/01/12  
Interpretation: L. Plante Ing.  
GEOLA LTEE 97-955-04



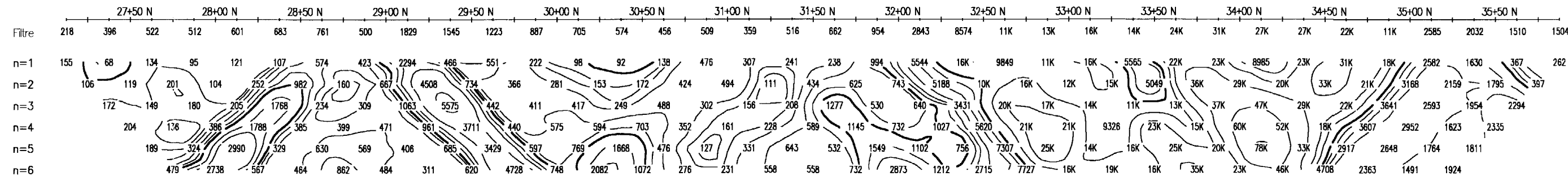
Tau  
(milliseconds)



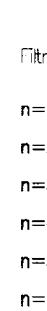
Chargeability  
(milliVolts/Volt)



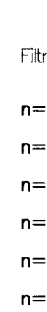
Resistivity  
(ohms-metres)



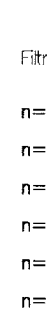
Tau  
(milliseconds)



Chargeability  
(milliVolts/Volt)

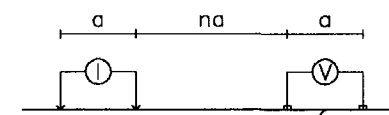


Resistivity  
(ohms-metres)



Line 8700.00 E

Dipole-Dipole



Filter

\*  
\*\*  
\*\*\*  
\*\*\*\*

a = 25.0 M

Plot Point

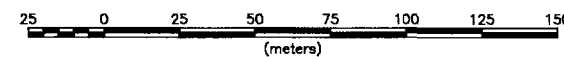
Operator : J. Demers  
Receiver : IP-6, BRGM  
Transmitter : GDD 1400  
Generator : 1.4 kW

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

INTERPRETATION

- Induced polarization anomaly.
- Resistivity low.
- Resistivity high.

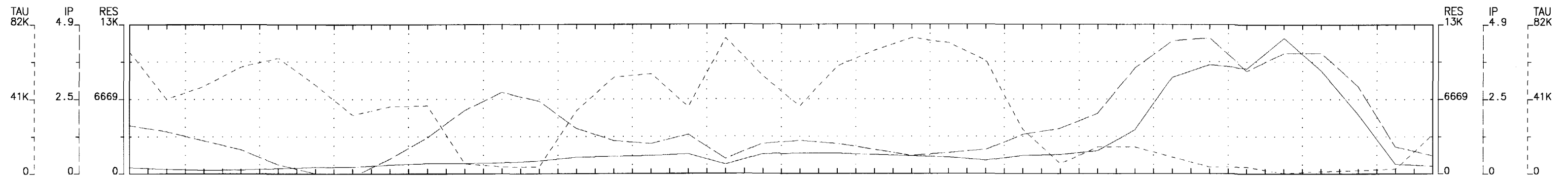
Scale 1:2500



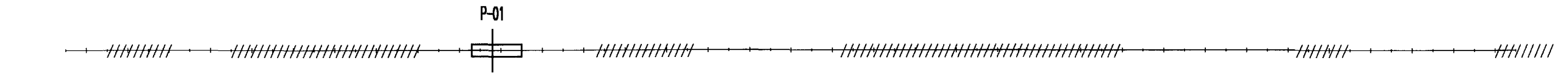
CAMECO Gold Inc.  
INDUCED POLARIZATION SURVEY  
Black Lake Project  
Shannon Lake & Zarn Lake Twps, Ont.

Date: 98/01/12  
Interpretation: L. Plante Ing.

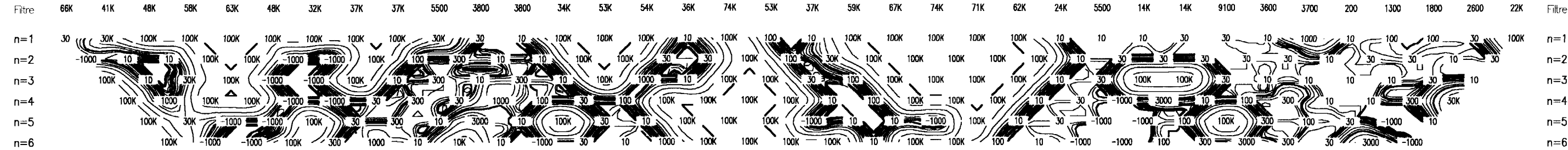
GEOLA LTEE 97-955-05



Tau (milliseconds)

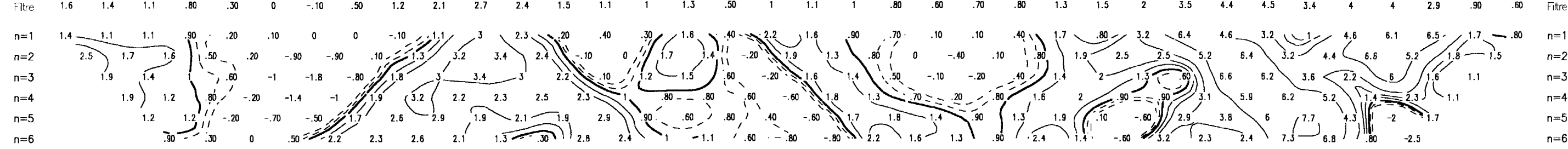


27+50 N 28+00 N 28+50 N 29+00 N 29+50 N 30+00 N 30+50 N 31+00 N 31+50 N 32+00 N 32+50 N 33+00 N 33+50 N 34+00 N 34+50 N 35+00 N 35+50 N



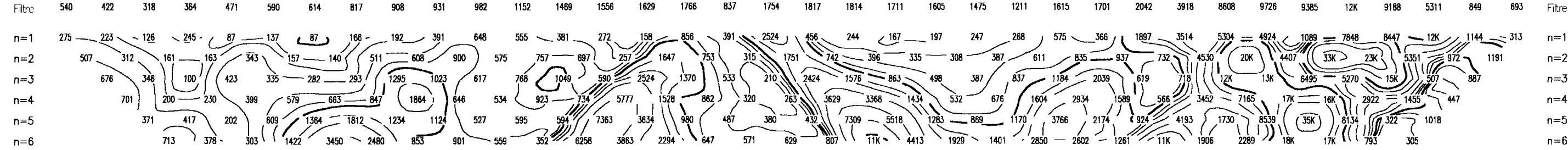
Chargeability (millivolts/Volt)

27+50 N 28+00 N 28+50 N 29+00 N 29+50 N 30+00 N 30+50 N 31+00 N 31+50 N 32+00 N 32+50 N 33+00 N 33+50 N 34+00 N 34+50 N 35+00 N 35+50 N



Resistivity (ohms-metres)

27+50 N 28+00 N 28+50 N 29+00 N 29+50 N 30+00 N 30+50 N 31+00 N 31+50 N 32+00 N 32+50 N 33+00 N 33+50 N 34+00 N 34+50 N 35+00 N 35+50 N



Tau (milliseconds)

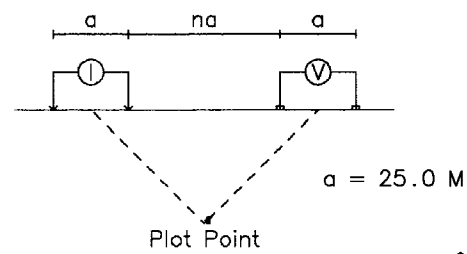
Chargeability (millivolts/Volt)

Resistivity (ohms-metres)

Line 8700.00 E

Line 8800.00 E

Dipole-Dipole



Filter  
\*  
\*\*  
\*\*\*  
\*\*\*\*

2.17712

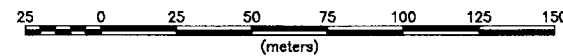
Operator : J. Demers  
Receiver : IP-6, BRGM  
Transmitter : GDD 1400  
Generator : 1.4 kW

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

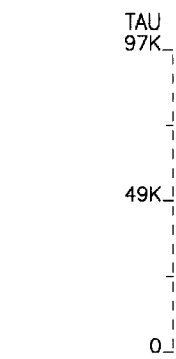
INTERPRETATION

- Induced polarization anomaly.
- Resistivity low.
- Resistivity high.

Scale 1:2500



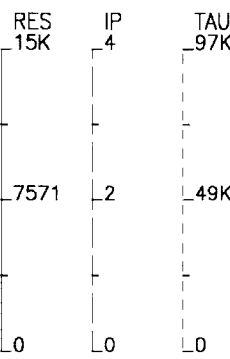
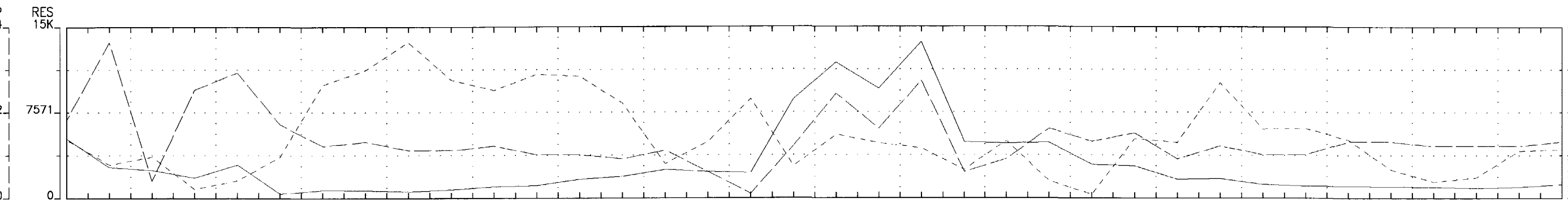
CAMECO Gold Inc.  
INDUCED POLARIZATION SURVEY  
Black Lake Project  
Shannon Lake & Zarn Lake Twps, Ont.  
Date: 98/01/12  
Interpretation: L. Plante Ing.  
GEOLA LTEE 97-955-06



Tau (milliseconds)

Chargeability (millivolts/Volt)

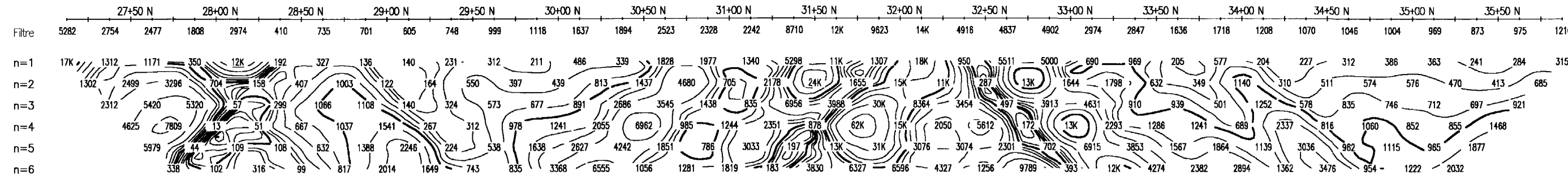
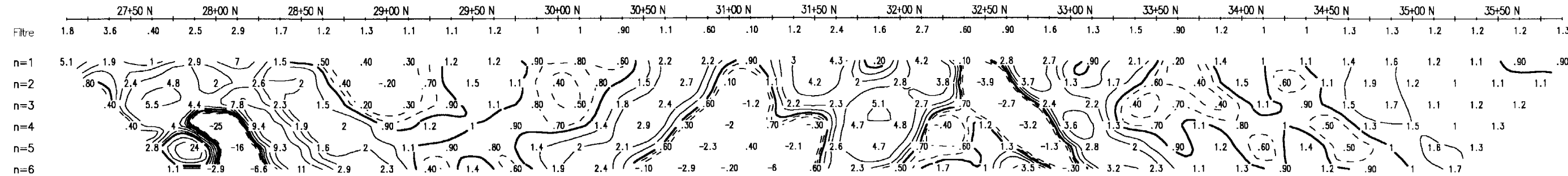
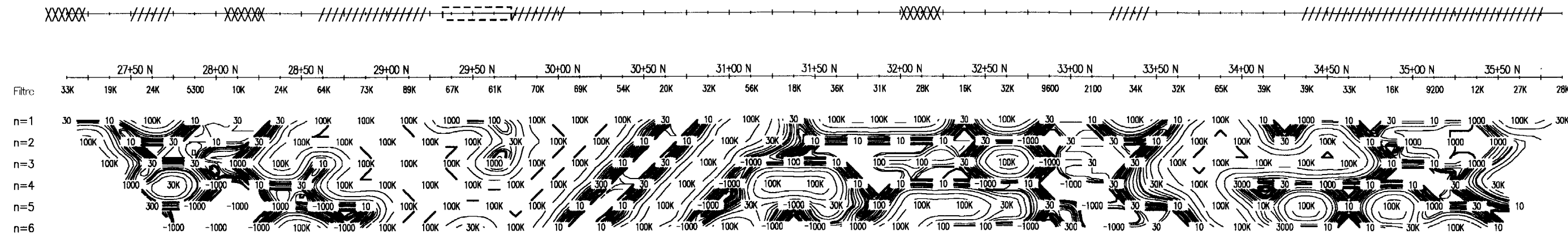
Resistivity (ohms-metres)



Tau (milliseconds)

Chargeability (millivolts/Volt)

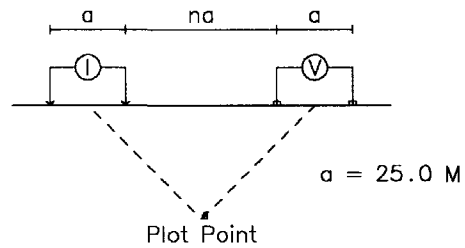
Resistivity (ohms-metres)



Line 8800.00 E

Line 8900.00 E

Dipole-Dipole



Filter

\*  
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\*\*\*  
\*\*\*\*

a = 25.0 M

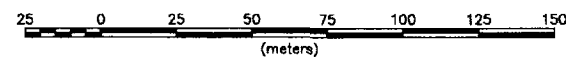
Operator : J. Demers  
Receiver : IP-6, BRGM  
Transmitter : GDD 1400  
Generator : 1.4 kW

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

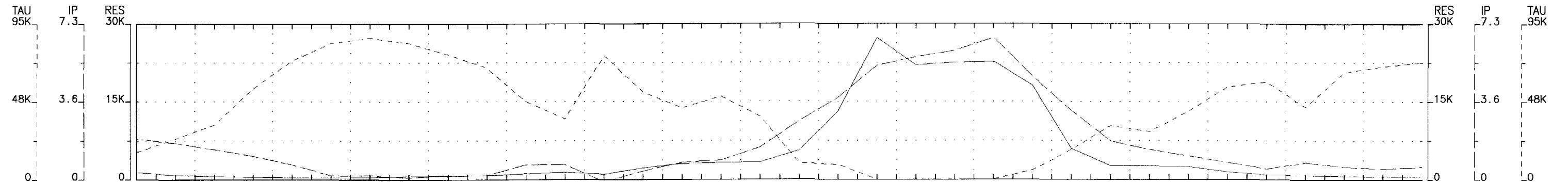
INTERPRETATION

- Induced polarization anomaly.
- Resistivity low.
- Resistivity high.

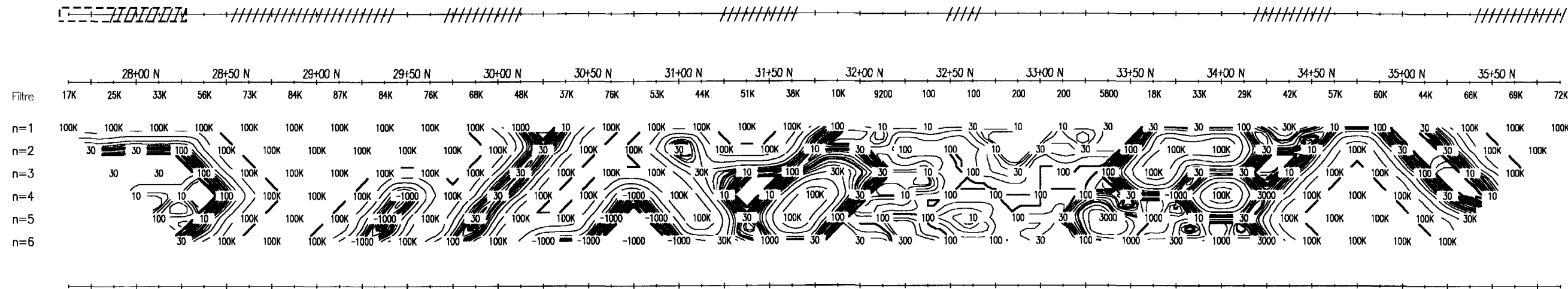
Scale 1:2500



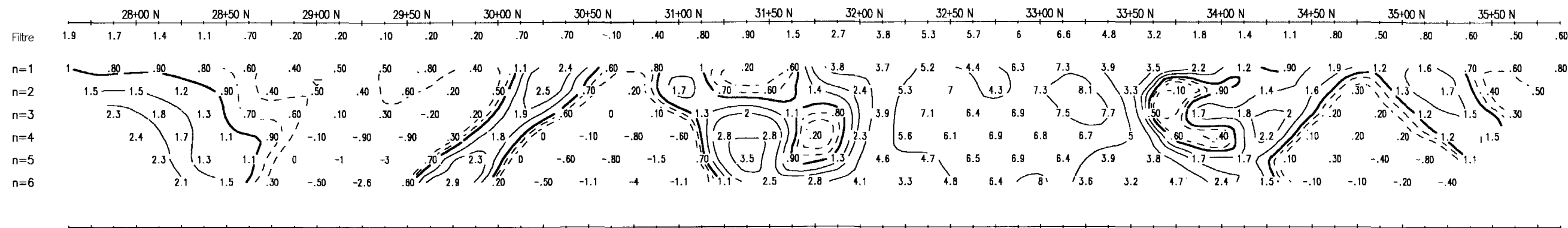
CAMECO Gold Inc.  
INDUCED POLARIZATION SURVEY  
Black Lake Project  
Shannon Lake & Zarn Lake Twps, Ont.  
Date: 98/01/12  
Interpretation: I. Plante Ing.  
GEOLA LTEE 97-955-07



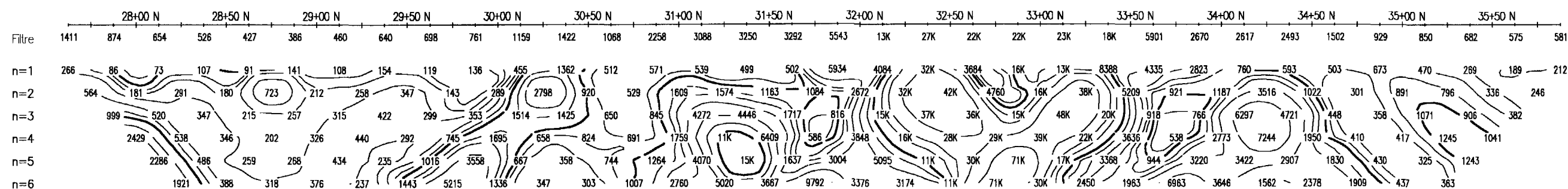
Tau (milliseconds)



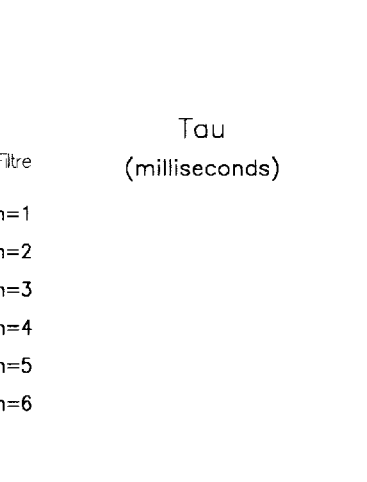
Chargeability (millivolts/Volt)



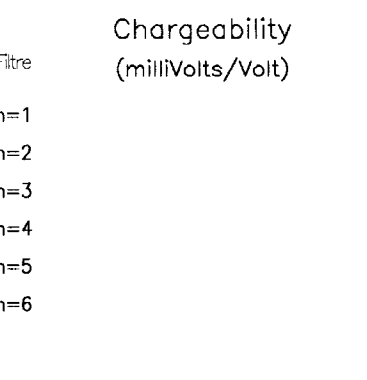
Resistivity (ohms-metres)



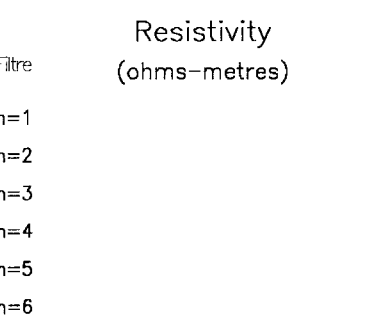
Tau (milliseconds)



Chargeability (millivolts/Volt)



Resistivity (ohms-metres)



Line 8900.00 E

Personal information collected under the Mining Act, the information is for administrative purposes only. Questions about this collection should be directed to: 933 Ramsey Lake Road, S



52J04NE0013 2.17712 SHARRON LAKE

of the Mining Act. Under section 8 of the Mining Act, the information provided on this form should correspond with the mining land holder. For more information, contact the Ministry of Northern Development and Mines, 6th Floor,

900

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

2.17712

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

Name <b>Joe McDermott</b> <b>President (NWT Copper Mines Ltd)</b>	Client Number <b>174341</b>
Address <b>2010 Islington Av. Suite 2101</b>	Telephone Number <b>(416) 245-8337</b>
<b>Weston, Ontario M9P 3S8</b>	Fax Number <b>(416) 245-0021</b>
Name	Client Number
Address	Telephone Number
	Fax Number

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JAN 16 1998  
GEOSCIENCE ASSESSMENT OFFICE  
JLP  
3PM

**2. Type of work performed:** Check (✓) and report on only ONE of the following groups for this declaration.

- Geotechnical: prospecting, surveys, assays and work under section 18 (regs)       Physical: drilling, stripping, trenching and associated assays       Rehabilitation

Work Type <b>Geophysics (I.P. Survey)</b>	Office Use
	Commodity
	Total \$ Value of Work Claimed <b>\$ 10,680</b>
Dates Work Performed From <b>09 12 1997</b> To <b>16 12 1997</b> ✓	NTS Reference
Global Positioning System Data (if available)	Mining Division <b>Petucia</b>
Township/Area <b>Sharron Lake, Zan Lake Twp</b>	Resident Geologist District <b>Sioux Lookout</b>
M or G-Plan Number	

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;  
- provide proper notice to surface rights holders before starting work;  
- complete and attach a Statement of Costs, form 0212;  
- provide a map showing contiguous mining lands that are linked for assigning work;  
- include two copies of your technical report.

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

Name <b>L. Plante (Geola)</b>	Telephone Number <b>(819) 825-8212</b>
Address <b>1020, 3e Av. East. C.P. 418, Val D'Or, Quebec, J9P 4P4</b>	Fax Number <b>(819) 825-9742</b>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	

PROVINCIAL RECORDING OFFICE - SUDBURY  
**RECEIVED**  
JAN 16 1998  
A.M. 10:15 N.B. P.M.  
7 8 9 10 11 12 1 2 3 4 5 6

**4. Certification by Recorded Holder or Agent**

I, **Peter Chubb** (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>[Signature]</i>	Date <b>15/01/1998</b>
Agent's Address <b>Unit #6, 1349 Kelly Lk. Rd. Sudbury, Ont. P3E 5P5</b>	Telephone Number <b>(705) 523-4555</b>
	Fax Number <b>(705) 523-4571</b>

*Deemed April 16/98*



5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9830-00017

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$8,892	\$4,000	0	\$4,892
1 1162704	16	\$10,680	0	0	\$10,680
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		\$10,680	0	0	\$10,680

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I, Peter Chubb (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [Signature] Date: 15/01/1998

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

PROVINCIAL RECORDING OFFICE SUDBURY  
 RECEIVED  
 JAN 16 1998  
 A.M. 10:15 NB P.M.  
 7 8 9 10 11 12 1 2 3 4 5 6

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.17712

Table with 4 columns: Work Type, Units of Work, Cost Per Unit of work, Total Cost. Rows include I.P. Survey (Geophysical), Associated Costs (e.g. supplies, mobilization and demobilization), Transportation Costs, Food and Lodging Costs, and Total Value of Assessment Work.

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Calculations of Filing Discounts:

- 1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work. 2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work.

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit. - A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification.

RECEIVED JAN 16 1998 A.M. 10:15 P.M.

Certification verifying costs:

I, Peter Chubb, do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Geologist II I am authorized to make this certification.

Signature [Handwritten Signature] Date 15/01/1998

March 27, 1998

N.W.T. COPPER MINES LIMITED  
2101-2010 ISLINGTON AVENUE  
WESTON, Ontario  
M9P-3S8

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

Telephone: (888) 415-9846  
Fax: (705) 670-5881

Dear Sir or Madam:

**Submission Number:** 2.17712

**Status**

**Subject: Transaction Number(s):** W9830.00017 Deemed Approval

---

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in **DUPLICATE** to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at [jeromel2@epo.gov.on.ca](mailto:jeromel2@epo.gov.on.ca) or by telephone at (705) 670-5858.

Yours sincerely,



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

# Work Report Assessment Results

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Submission Number: 2.17712

Date Correspondence Sent: March 27, 1998

Assessor: Lucille Jerome

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Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9830.00017	1162704	SHARRON LAKE	Deemed Approval	March 24, 1998

Section:

14 Geophysical IP

Correspondence to:

Resident Geologist  
Sioux Lookout, ON

Recorded Holder(s) and/or Agent(s):

N.W.T. COPPER MINES LIMITED  
WESTON, Ontario

Assessment Files Library  
Sudbury, ON

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HOLGER LAKE AREA G-2069

GROVE LAKE AREA G-2057

BADSHOT LAKE AREA G-1944

ZARN LAKE AREA G-2277

SAND AND GRAVEL

- ① QUARRY PERMIT
- ② GRAVEL FILE NO 179726
- ③ M.N.R. GRAVEL PIT NO 1F-22
- ④ M.N.R. GRAVEL PIT NO 50 FILE 179728
- ⑤ M.T.C. GRAVEL PIT NO 1F-26
- ⑥ M.T.C. GRAVEL PIT NO 1F-25

FOREST ACTIVITY INFORMATION

THIS TOWNSHIP AREA FALLS WITHIN THE  
**CROWN FOREST MGT. UNIT**  
 AND MAY BE SUBJECT TO FORESTRY OPERATIONS  
 THE M.N.R. UNIT FORESTER FOR THIS AREA CAN BE  
 CONTACTED AT  
 P.O. BOX 309  
 SIOUX LOOKOUT, ONTARIO P0V 2T0  
 (807) 737-1140

LEGEND

- PATENTED LAND ③
- CROWN LAND SALE ④
- LEASES ⑤
- LOCATED LAND ⑥
- LICENSE OF OCCUPATION ⑦
- MINING RIGHTS ONLY M.R.O.
- SURFACE RIGHTS ONLY S.R.O.
- ROADS ⑧
- IMPROVED ROADS ⑨
- KING'S HIGHWAYS ⑩
- RAILWAYS ⑪
- POWER LINES ⑫
- MARSH OR MUSKES ⑬
- MINES ⑭
- CANCELLED ⑮
- REMOTE COTTAGE ⑯

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.S. - MINING AND SURFACE RIGHTS

Classification	Order No.	Date	Disposition	File
M.S.	SEC. 43/70	M. 24/78	16/5/78	S.R.O. 179726

DATE OF ISSUE

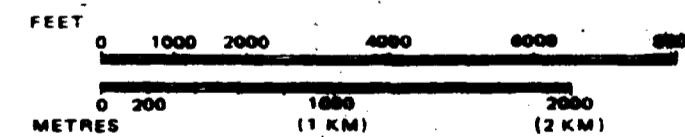
MAR 2 6 1998

PROVINCIAL RECORDING  
OFFICE - SUDBURY

\* LUP's along Badshot Lake - not marked  
on this map - see local map for  
disposition

FLOODING  
LAC SEUL RESERVING RIGHT TO FLOOD  
AND OVERFLOW TO CONTOUR ELEV. 1172  
FILE #14,9,90

SCALE: 1 INCH = 40 CHAINS



AREA

**SHARRON LAKE**

M.N.R. ADMINISTRATIVE DISTRICT

SIOUX LOOKOUT

MINING DIVISION

PATRICIA

LAND TITLES / REGISTRY DIVISION

KENORA



Date FEBRUARY, 1984

Number

**G-2207**

9' THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

8'

50°07'30"

91°30'

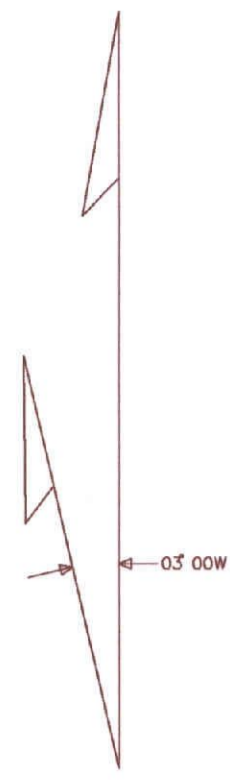
50°15'

50°07'30"

50°07'30"



52,044E0013 2,1772 SHARRON LAKE



L-84+00mE  
L-86+00mE  
L-87+00mE  
L-88+00mE  
L-89+00mE  
L-90E  
L-95E  
BL 30+00N

L70E  
L75E

L65E

L60E  
TL 40+00N

1162727

1202140

L60E

1162730

1162728

L55E

1162705

1196598

1162706

1162707

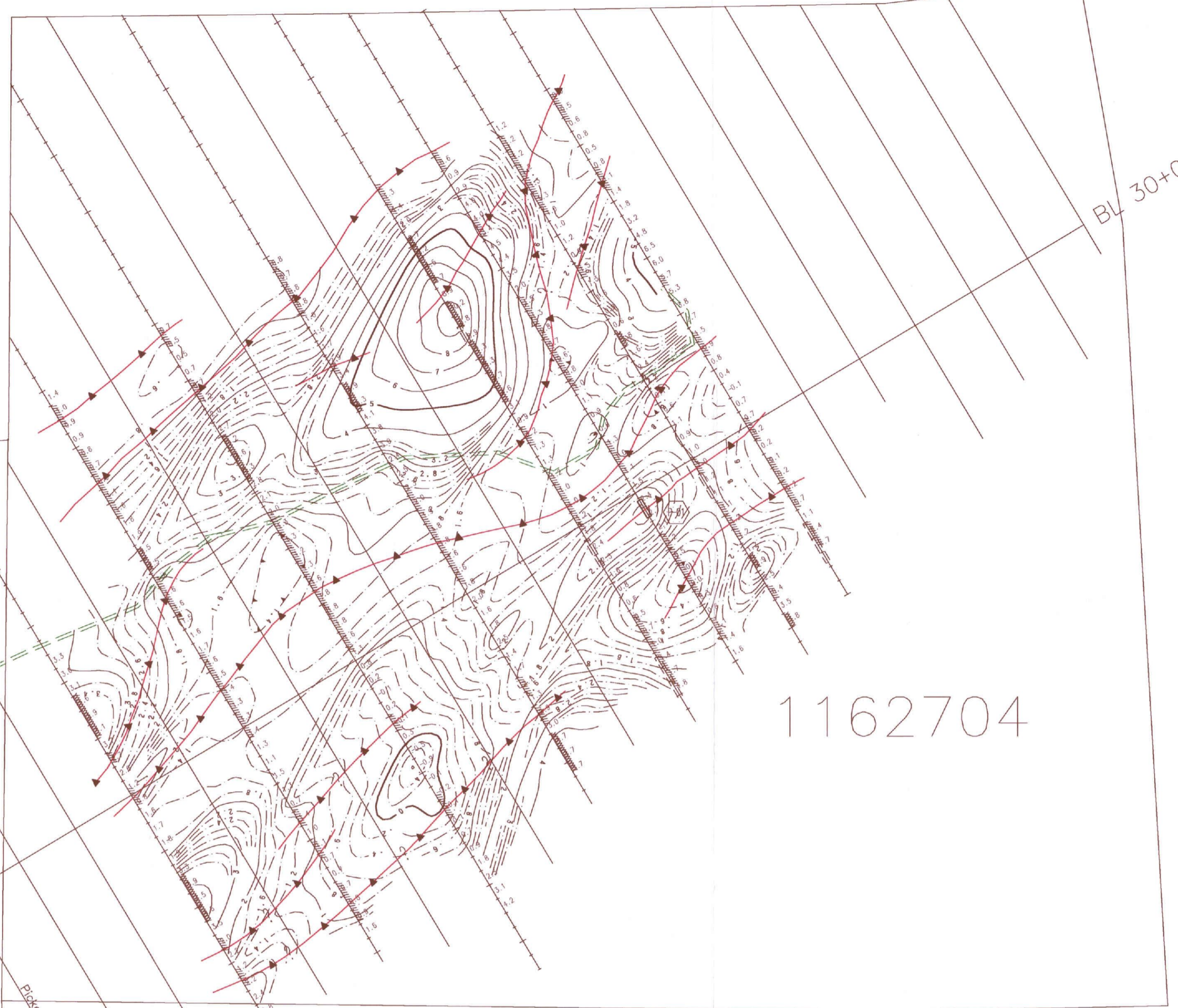
1196597

1196599

1162708

TL 18+00N

1162731



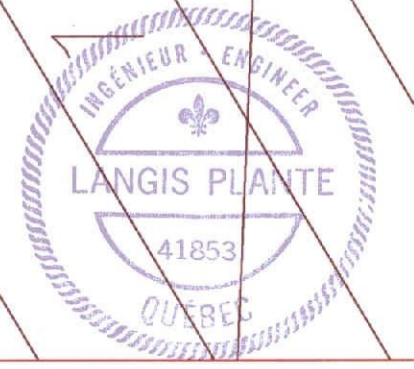
1162704

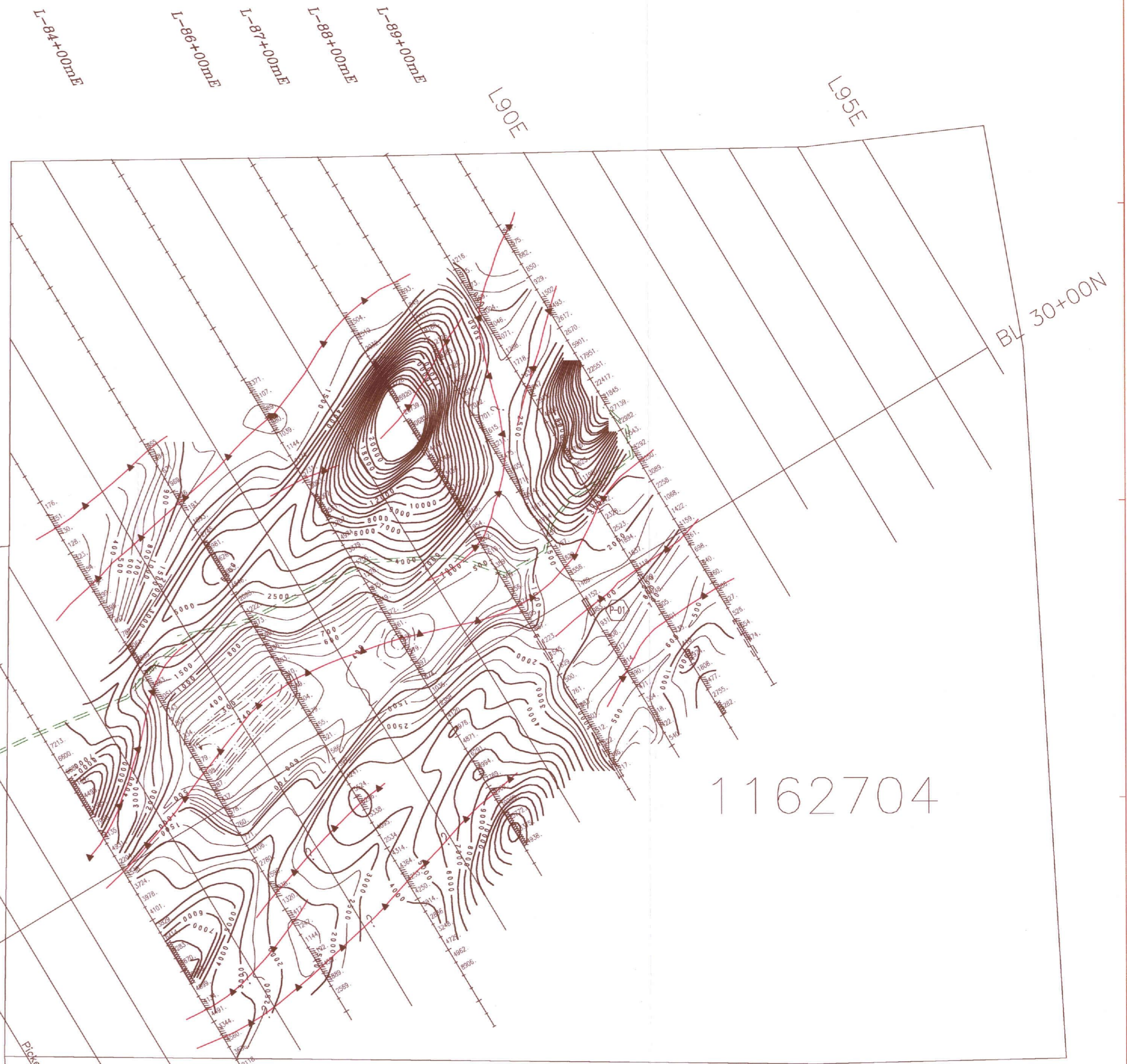
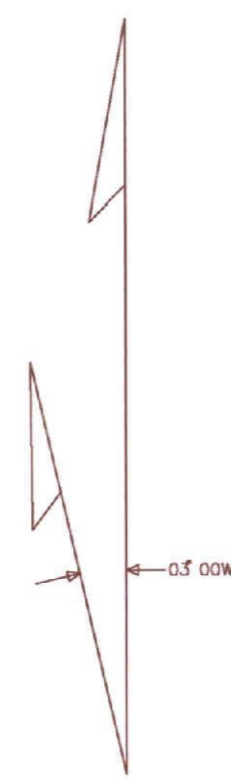
- GEOPHYSICAL LEGEND
- INDUCED POLARIZATION SURVEY
- RESISTIVITY: Low (diagonal lines), High (cross-hatch)
  - CHARGEABILITY: Possible (dashed lines), Better defined (solid lines)
  - CHARGEABILITY AXIS (Better defined): Red line with triangles
  - CHARGEABILITY AXIS (Possible): Green dashed line with squares
  - RESISTIVITY AXIS (Low): Red line with triangles



2-17712

FOR:	CAMECO GOLD INC.		
SURVEY:	CHARGEABILITY		
BY:	GEOLA LTEE		
EXECUTED BY:	J. Demers	Dec. 1997	PROJECT
INTERPRETED BY:	L. Plante Ing.	Dec. 1997	BLACK LAKE PROJECT
DRAWN BY:	G. Bacon T.Sc.A.	Dec. 1997	Shannon Lake & Zarn Lake Twp., Ont.
APPROVED BY:			LAT: 50°09' 00" LONG: 91°34' 00"
REVISÉ BY:			SCALE: 1:5000
PLAN No: 97-955			0 50 100 150 200
UTM (NAD27)		N.T.S. : 52/04	Metres





1162704

1162727

1202140

1162728

1162729

1162705

1162730

1162706

1162707

1196597

1162708

1196598

1196599

1162731

1162712

**GEOPHYSICAL LEGEND**

**INDUCED POLARIZATION SURVEY**

RESISTIVITY Low  
 High

CHARGEABILITY Possible  
 Better defined

CHARGEABILITY AXIS (Better defined)  
 CHARGEABILITY AXIS (Possible)  
 RESISTIVITY AXIS (Low)



FOR:	CAMECO GOLD INC.		
SURVEY:	RESISTIVITY		
BY:	GEOLA LTEE		
EXECUTED BY:	J. Demers	Dec. 1997	PROJECT
INTERPRETED BY:	L. Plante Ing.	Dec. 1997	BLACK LAKE PROJECT
DRAWN BY:	G. Bacon T. Sc. A.	Dec. 1997	Shannon Lake & Zarn Lake Twp., Ont.
APPROVED BY:			LAT: 50°09' 00" LONG: 91°34' 00"
REVISÉ BY:			SCALE: 1:5000
PLAN No: 97-955	N.T.S. : 50/04		0 50 100 150 200
UTM (NAD27)			Metres

