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41N14NW0007 2.16840 POINT ISACOR

010

A REPORT ON GEOPHYSICAL SURVEYS
performed on the
EAGLE RIVER MINE PROJECT
District of Thunder Bay
Province of Ontario
submitted to
RIVER GOLD MINES LTD.

July 1996

P. Boileau

D. Lapointe

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2.16840



96-N027

SUMMARY

In June 1996, magnetic and induced polarization surveys were executed on behalf of River Gold Mines Ltd. on the Eagle River Mine project, in the District of Thunder Bay, Province of Ontario.

The surveys detected inside a moderate to locally accentuated magnetic relief several moderate to strong I.P. anomalous zones which could be explained by the presence of disseminated to semi-massive and massive mineralization.

Recommendations for further work consist of detail geological mapping and complementary I.P. profiles followed by diamond drilling on all zones of interest.



41N14NW0007 2 16840 POINT ISACOR

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LIST OF MAPS (inside plastic jackets):

DRAWING NO.

MAGNETIC SURVEY

- 1.1 Total Field Contours
 - 1.2 Total Field Profiles
 - 1.3 Calculated Vertical Gradient

DRAWING NO.

INDUCED POLARIZATION SURVEY

- 4.2 Filtered Resistivity Contours
4.3 Filtered Polarization Contours

1. INTRODUCTION

During June 1996, magnetic and induced polarization and resistivity surveys were carried out on a property owned by RIVER GOLD MINES LTD., namely the EAGLE RIVER MINE PROJECT, District of Thunder Bay, Province of Ontario.

These surveys were designed to locate geophysical anomalies potentially caused by sulphide-rich zones and to detect and define lithologies and structures favourable to precious metal deposits.

2. PROPERTY, LOCATION AND ACCESS

The Eagle River Mine Project is located approximately 180 kilometres southwest of Thunder Bay and about 35 kilometres west of Wawa, District of Thunder Bay, Province of Ontario (see figure 1 next page).

The survey area is accessible from Wawa via Highway 17, and then by the road leading to the Eagle River mine.

The property is covered by mineral exploration claims which are registered with the Ministry of Northern Development and Mines of Ontario. Their numbers are presented in figure 2 of this report, page 6.

3. GEOPHYSICAL SURVEYS

From June 6 to June 18, 1996, a total of 76,2 line-kilometres was covered by the magnetic survey (see figure 3, page 7), whereas a total of 23,4 line-kilometres was surveyed with the induced polarization and resistivity method (see figure 4, page 8).

Figure 1: Location of the survey

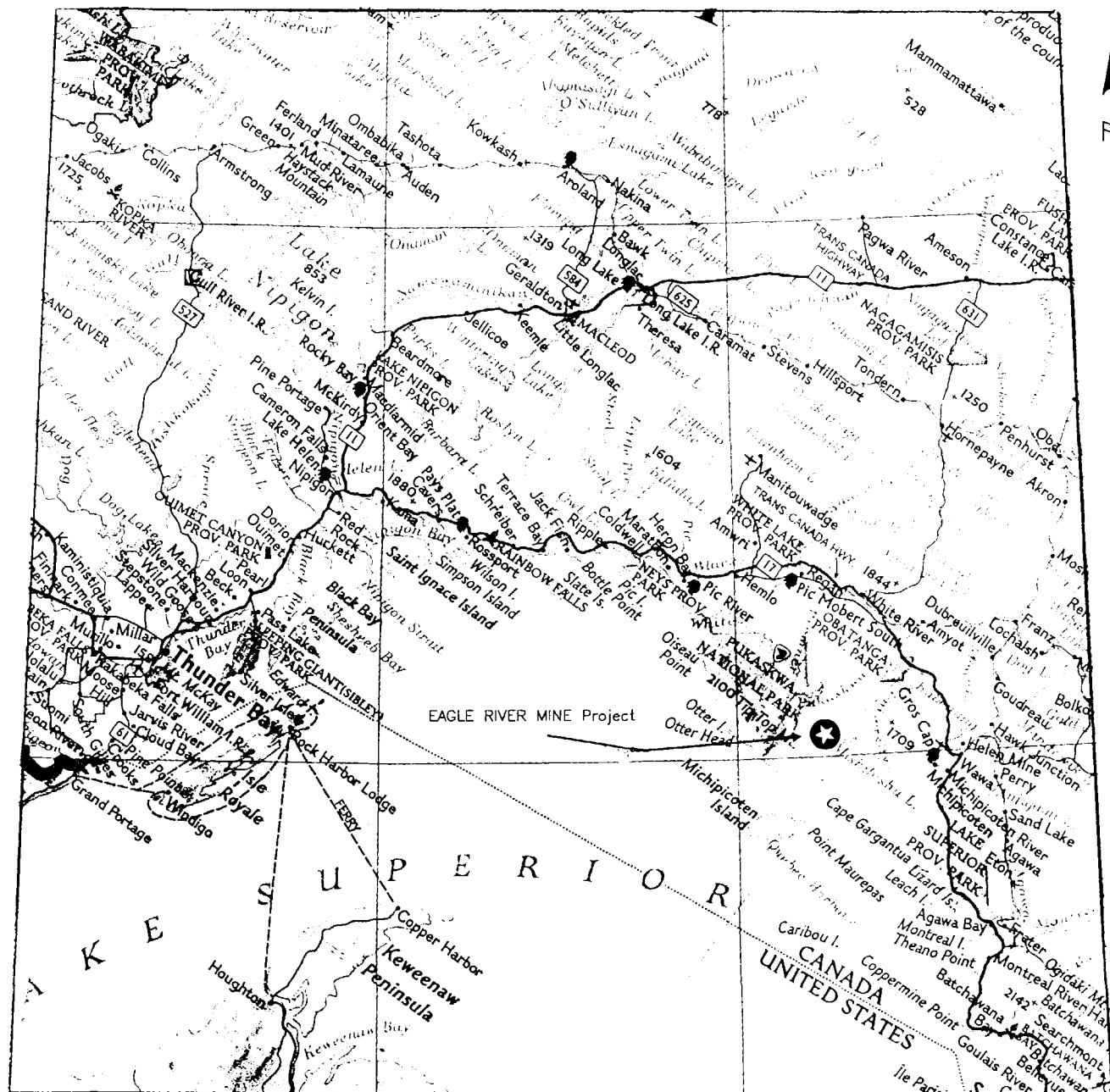


Figure 2: Index of claims

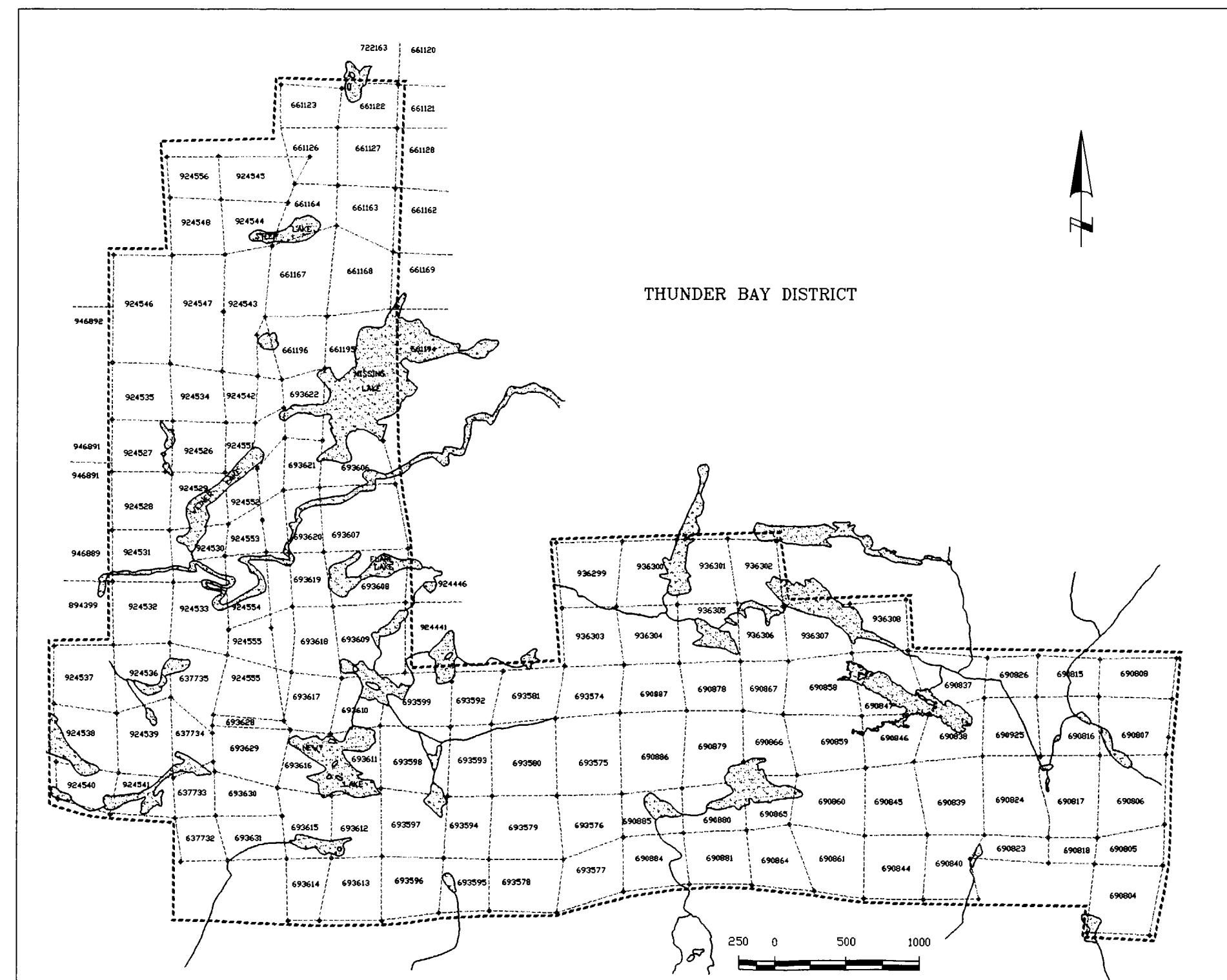


Figure 3: Magnetic survey area

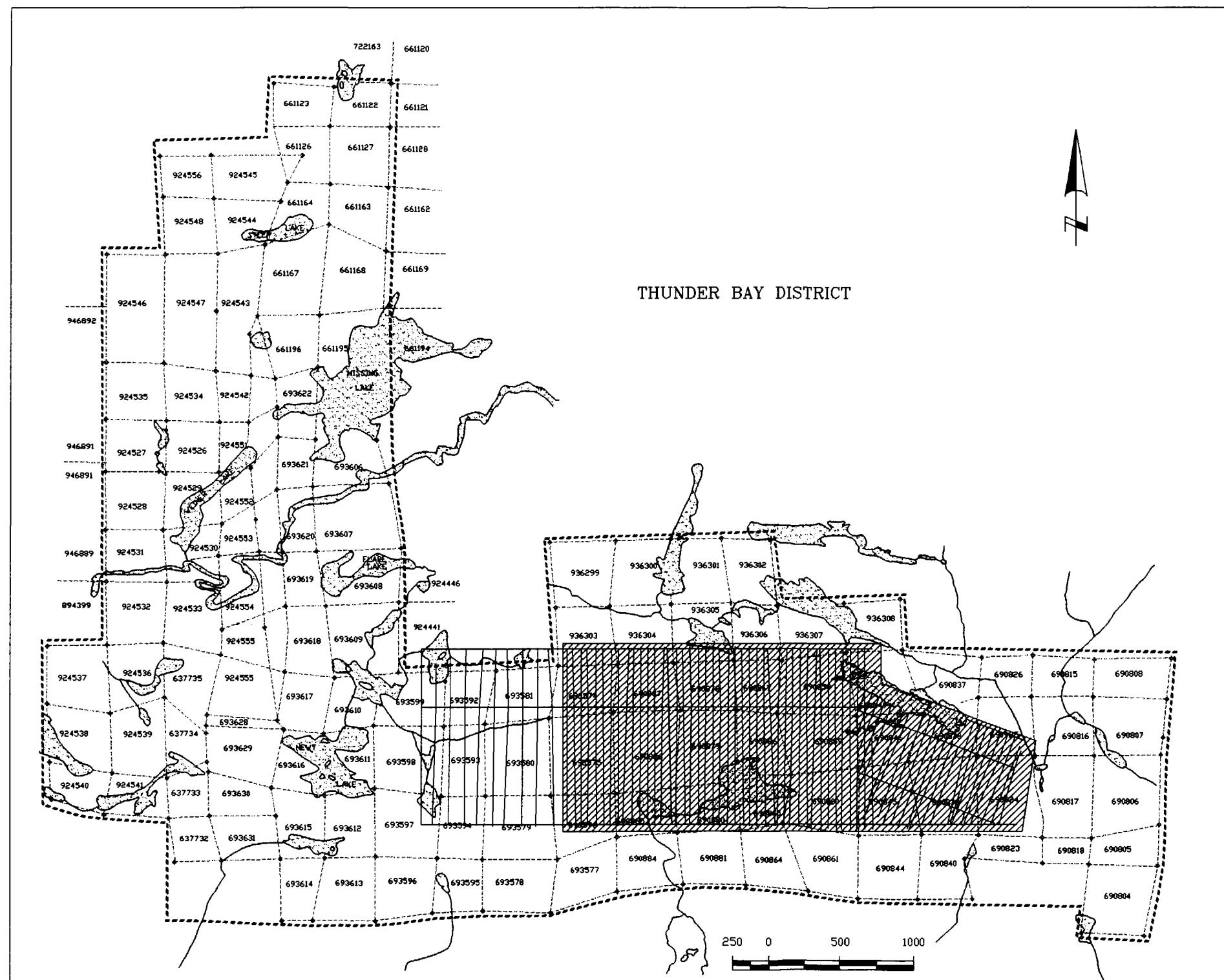
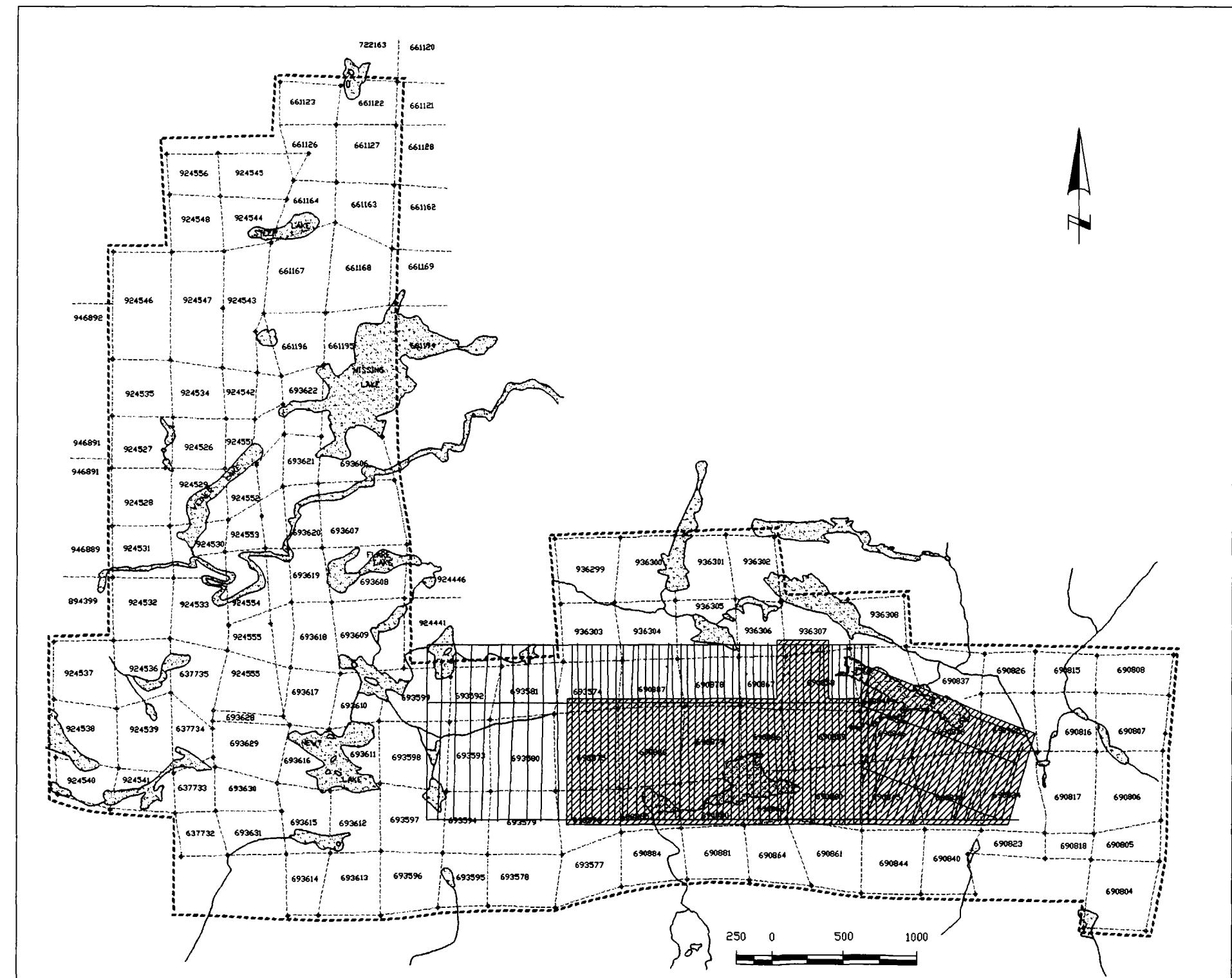


Figure 4: Induced Polarization survey area





4. SURVEY SPECIFICATIONS AND INSTRUMENTATION

The geophysical surveys were carried out along a network of picket lines oriented N-S to N.NE-S.SW. The survey line spacing was 100 metres for the I.P. survey and 50 metres for the magnetic survey; stations were marked every 25 metres.

4.1 Magnetic survey

The magnetic readings were taken with a GEM GSM-19 portable magnetometer operating with the Overhauser sensor principle. The total magnetic field was measured every two seconds in a continuous reading mode, with a precision of 0,1 nanoTesla (nT). The readings were systematically controlled for location every 12,5 metres. The magnetometer was operated with the sensor mounted on top of a backpack frame. The noise envelope is estimated at 5 nT after a short wavelength filter was applied to remove noisy spikes. A base station magnetometer, located on the property and measuring the total magnetic field every 20 seconds, was used as a reference for correction of the diurnal variation.

4.2 Induced polarization and resistivity survey

The induced polarization and resistivity survey was executed with a BRGM IP-6 time-domain receiver and with an IPT-1 transmitter, using a 1,0 kW MG-1 motor generator manufactured by Phoenix. A dipole-dipole array was used with a dipole a of 25 metres and separations n of 1 to 5. Primary voltage and chargeability values were measured every 25 metres with a precision of 0,1 mV and 0,1 mV/V respectively.

5. RESULTS AND INTERPRETATION

5.1 Magnetic survey

The area covered by the present survey shows a moderate to locally strong magnetic relief where total field intensities fluctuate between 58 300 and 59 500 nanoTeslas, in general.



This magnetic relief is characterized by what appears to be a succession of more or less isolated peaks which however constitute several E-W to W.NW-E.SE oriented axes of 200 to 1 200 nT likely caused by very shallow sources. This relief is also traversed by three magnetic linear features of different orientations, which could possibly be related to diabase dykes in the southwest and northwest corners and in the central part of the survey. Finally, the sudden cut noticed along several axes in the eastern part of the survey suggests the possible existence of major faults in this area.

5.2 Induced polarization survey

The apparent resistivities measured on the property are usually very high with readings often fluctuating between 5 000 and 50 000 Ωm , which indicates the proximity of the bedrock. The narrow and occasionally well-marked low resistivity features detected in places are likely due to the presence of electrically connected mineralization (stringer, semi-massive?) in the bedrock.

On the other hand, the chargeability effects collected during the survey show a moderate background of 2 to 10 mV/V, particularly in areas of high resistivity, inside which anomalous values of 10 to 50 mV/V were detected.

The survey thus outlined several anomalous responses which seem to constitute more than ten distinct and long anomalous zones showing nearly E-W to W.NW-E.SE orientations following the local magnetic trends.

The best zones were outlined in the central and southern parts of the survey where strong chargeability effects of 20 to 50 mV/V are often associated with well-marked resistivity drops; these zones could likely be explained by stringer to semi-massive and possibly massive mineralization, which could constitute locally an EM conductor.

As for the other weak to moderate anomalous zones, they are essentially characterized by chargeability effects of 10 to 40 mV/V with little or no resistivity decrease and could be explained by disseminated to stringer and possibly semi-massive, but poorly connected mineralization.

Finally, a few zones present a close to direct magnetic association and could thus be explained, at least partly, by the presence of pyrrhotite or magnetite in the underlying rocks.



6. CONCLUSION AND RECOMMENDATIONS

The geophysical surveys executed on the Eagle River Mine project outlined inside a moderate to locally strong magnetic relief several moderate to strong I.P. anomalous zones, which could be explained by the presence of disseminated to stringers and semi-massive to massive mineralization in the underlying rock.

It is recommended to execute on the property a detail geological survey in order to try to explain the different I.P. anomalous zones detected by the present survey. Also, a few complementary I.P. profiles could allow to verify the correlation and the possible extension of the principal anomalous zones of interest.

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

Respectfully submitted,
VAL D'OR SAGAX INC.

Pierre Boileau
Pierre Boileau, Eng.
Consulting Geophysicist



and

Daniel Lapointe
Daniel Lapointe, M.Sc.
Geologist





CERTIFICATE

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

I reside at 1725 Duchesne, Val-d'Or (Québec), since 1981.

I am a graduate of École Polytechnique, Montréal (Québec) where I have obtained a B. Sc.A. in Geological engineering in 1971.

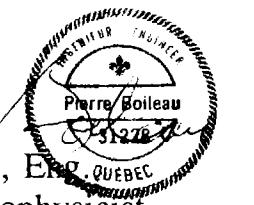
I have been engaged in Exploration Geophysics since 1968 and have been practicing as a professional engineer since 1971.

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

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

I have not received, nor do I expect to receive directly or indirectly any interest in the property that belongs to River Gold Mines Ltd.

Signed in Val-d'Or, this July 25, 1996.



Pierre Boileau, Eng.
Consulting Geophysicist



CERTIFICATE

I, undersigned, Daniel Lapointe, M. Sc., certify that:

I have resided in Val-d'Or, Province of Québec, since 1989.

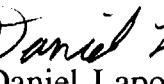
I am a qualified Geologist, having received my academic training at the University of Ottawa in Ottawa, Ontario (B. Sc.H. 1982) and Université Laval in Ste-Foy, Québec with an M.Sc. degree (1985).

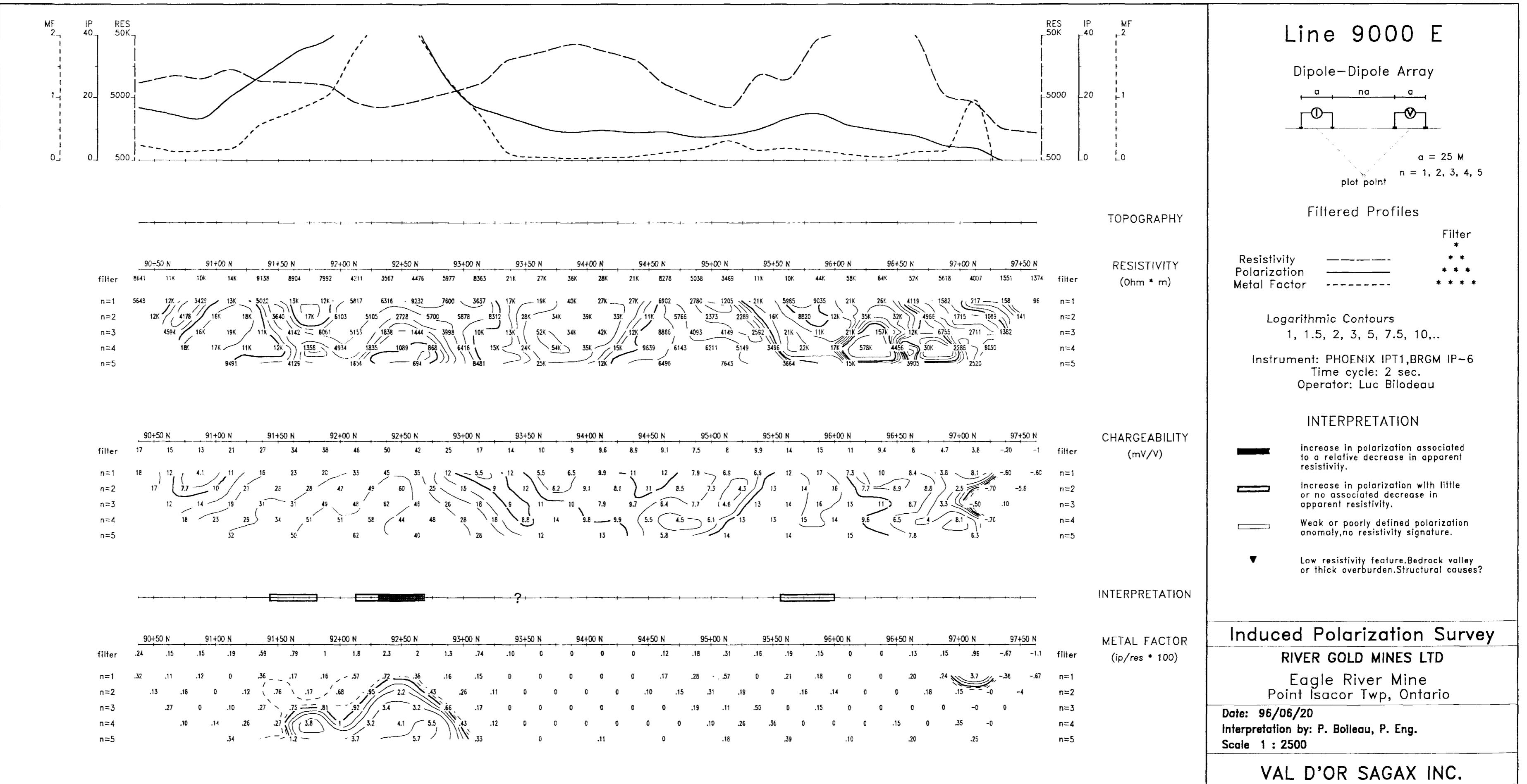
I am a member of the Association professionnelle des géologues et géophysiciens du Québec (APGGQ), the Prospectors Association of Québec (APQ) and the Geological Society of America.

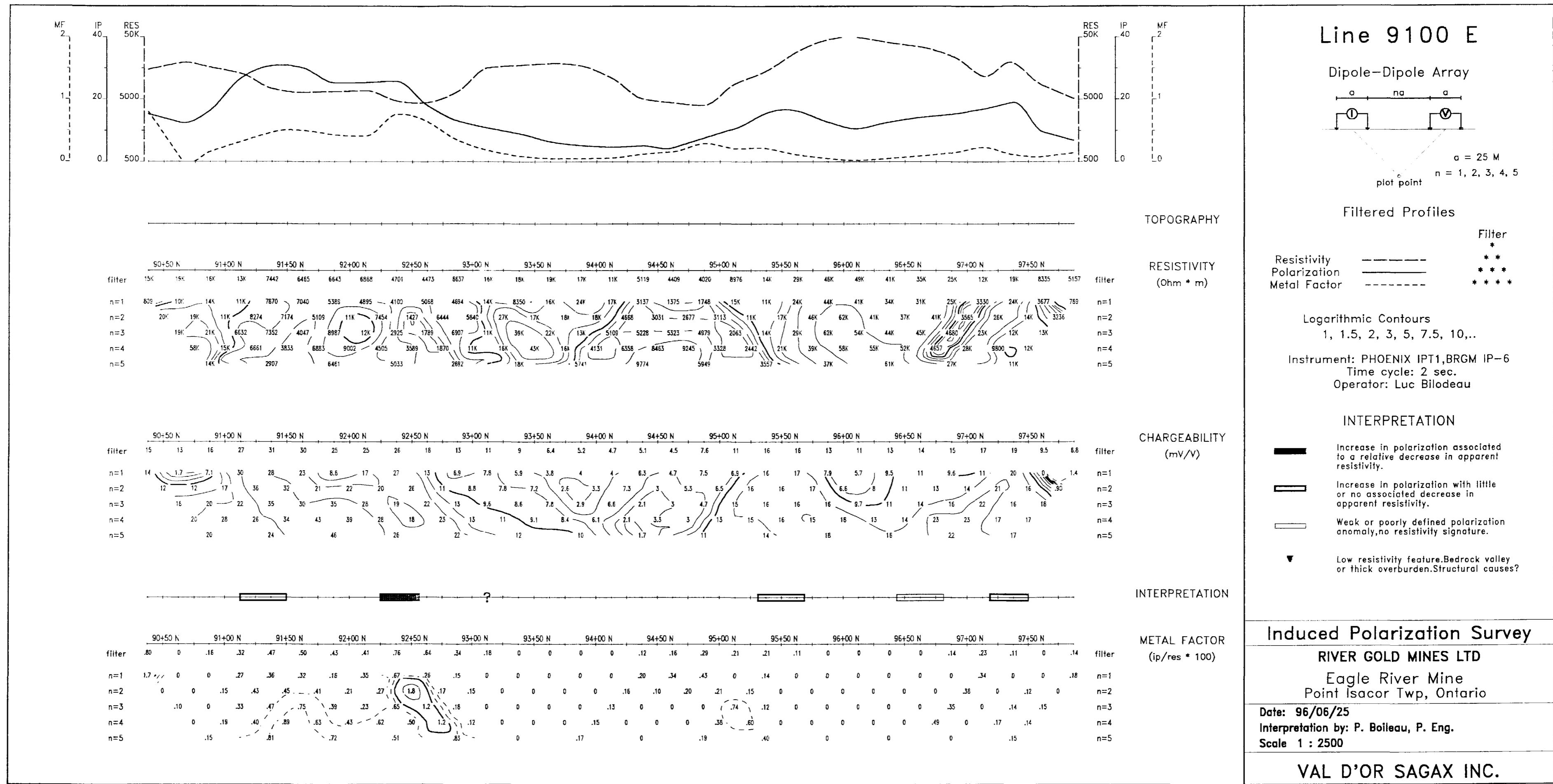
I have been engaged in my profession for 10 years.

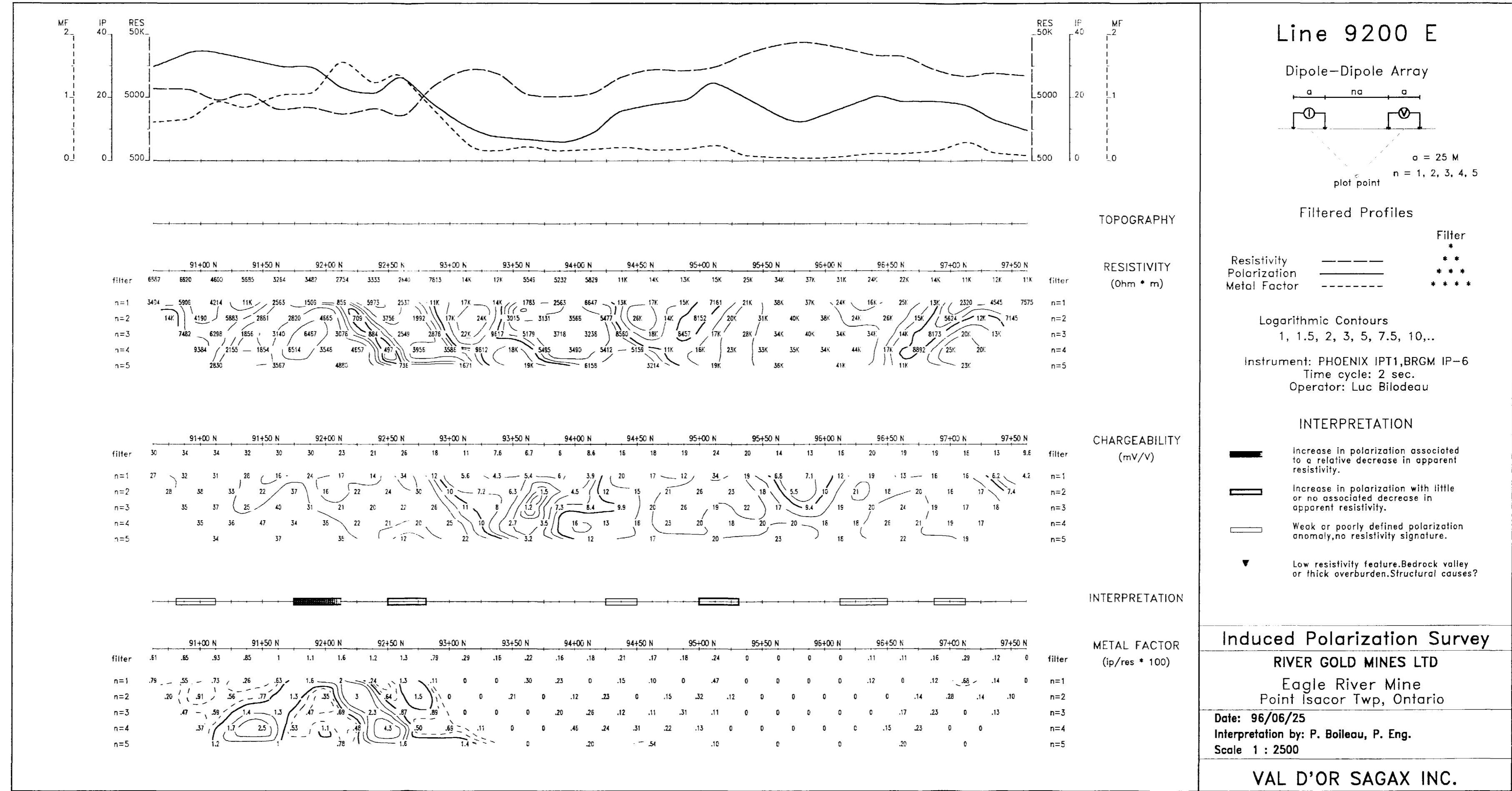
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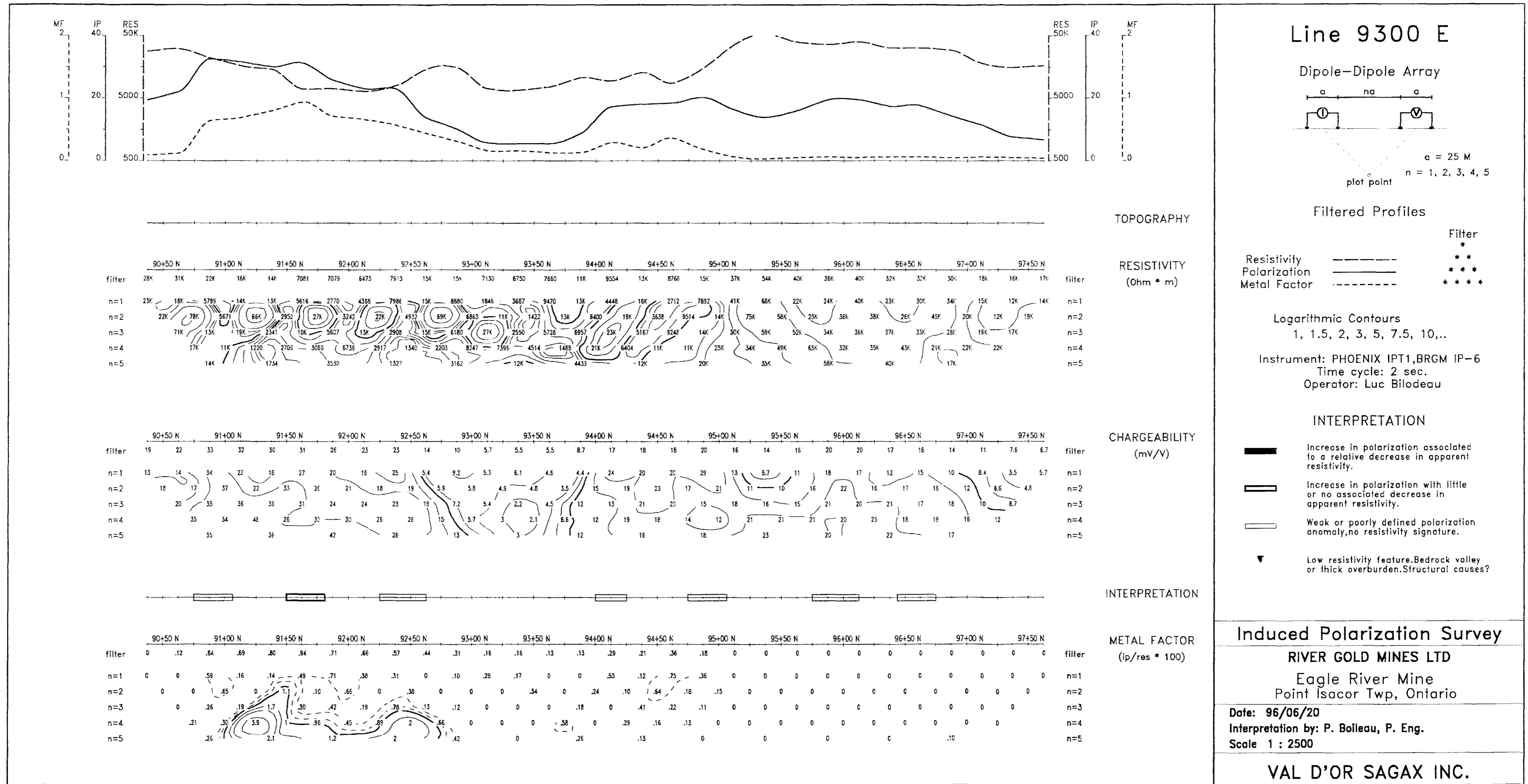
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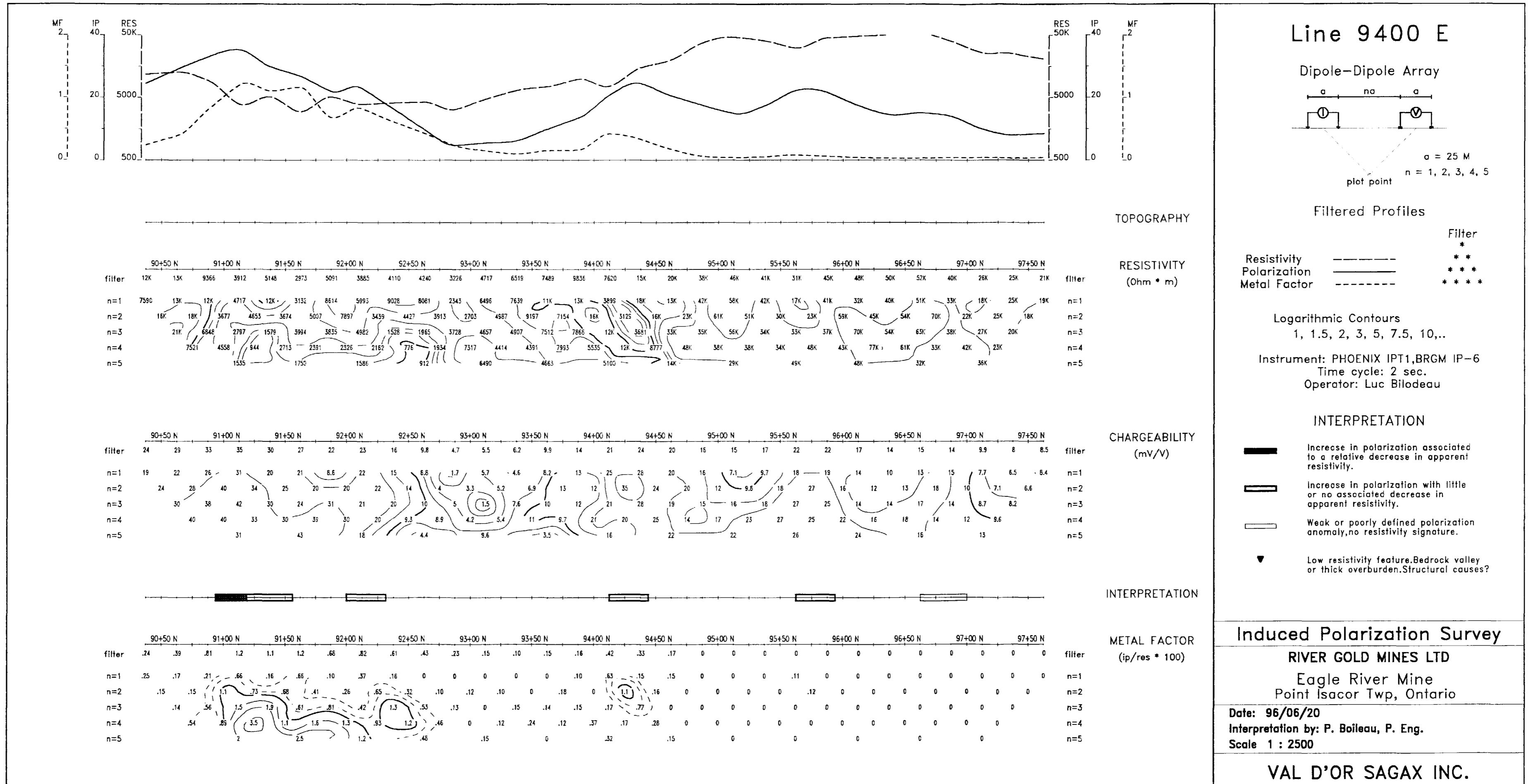

Daniel Lapointe, M.Sc.
Geologist

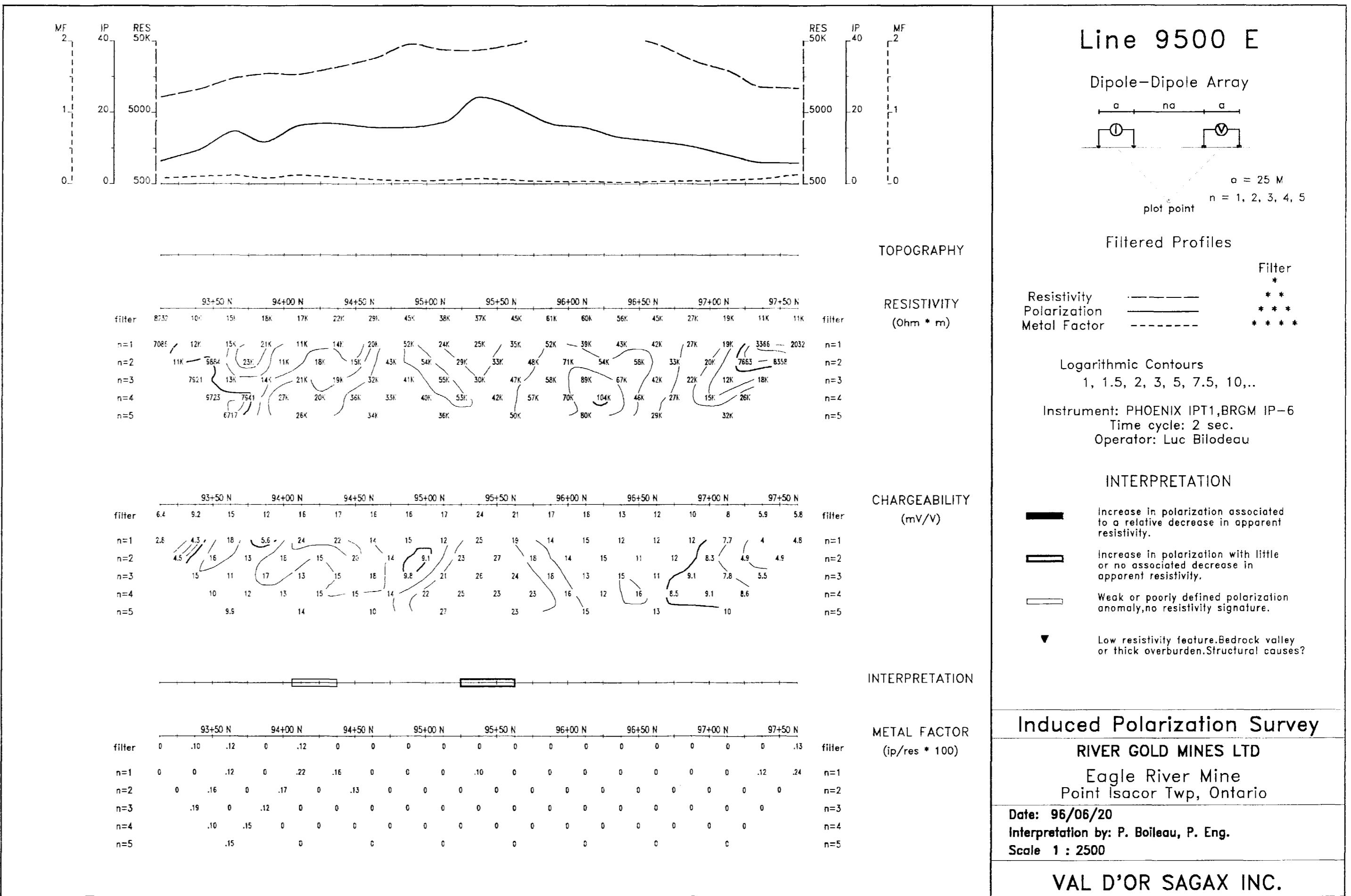



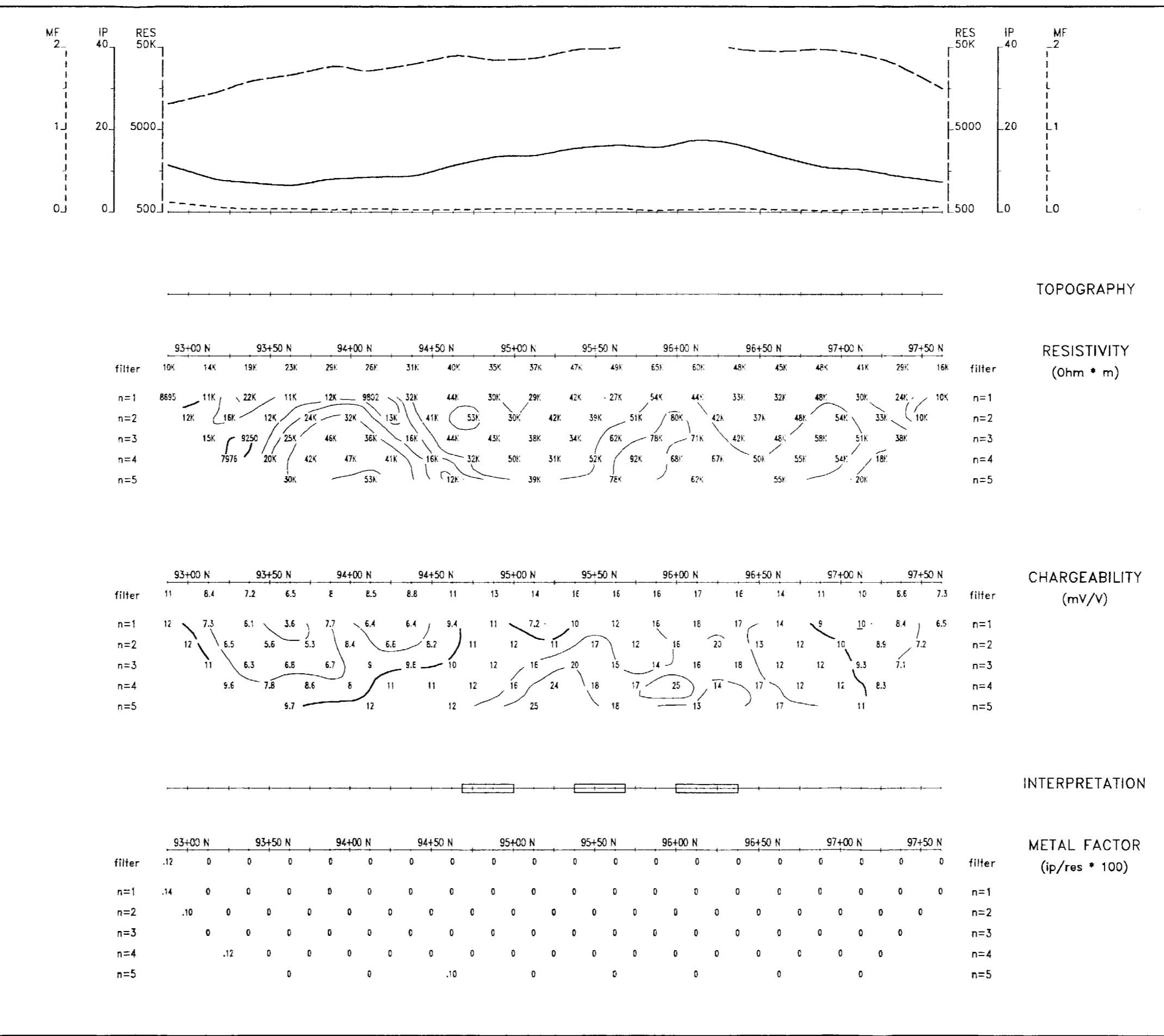






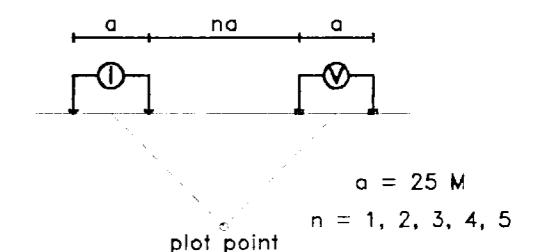






Line 9600 E

Dipole-Dipole Array



Filtered Profiles

filter

Resistivity ----- * *
 Polarization ----- * * *
 Metal Factor ----- * * * *

Logarithmic Contours

Instrument: PHOENIX IPT1, BRGM IP-6
Time cycle: 2 sec.
Operator: Luc Bilodeau

INTERPRETATION

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

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

Weak or poorly defined polarization anomaly, no resistivity signature.

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

Reduced Polarization Survey

RIVER GOLD MINES LTD

Eagle River Mine
Point Isaac Twp. Ontario

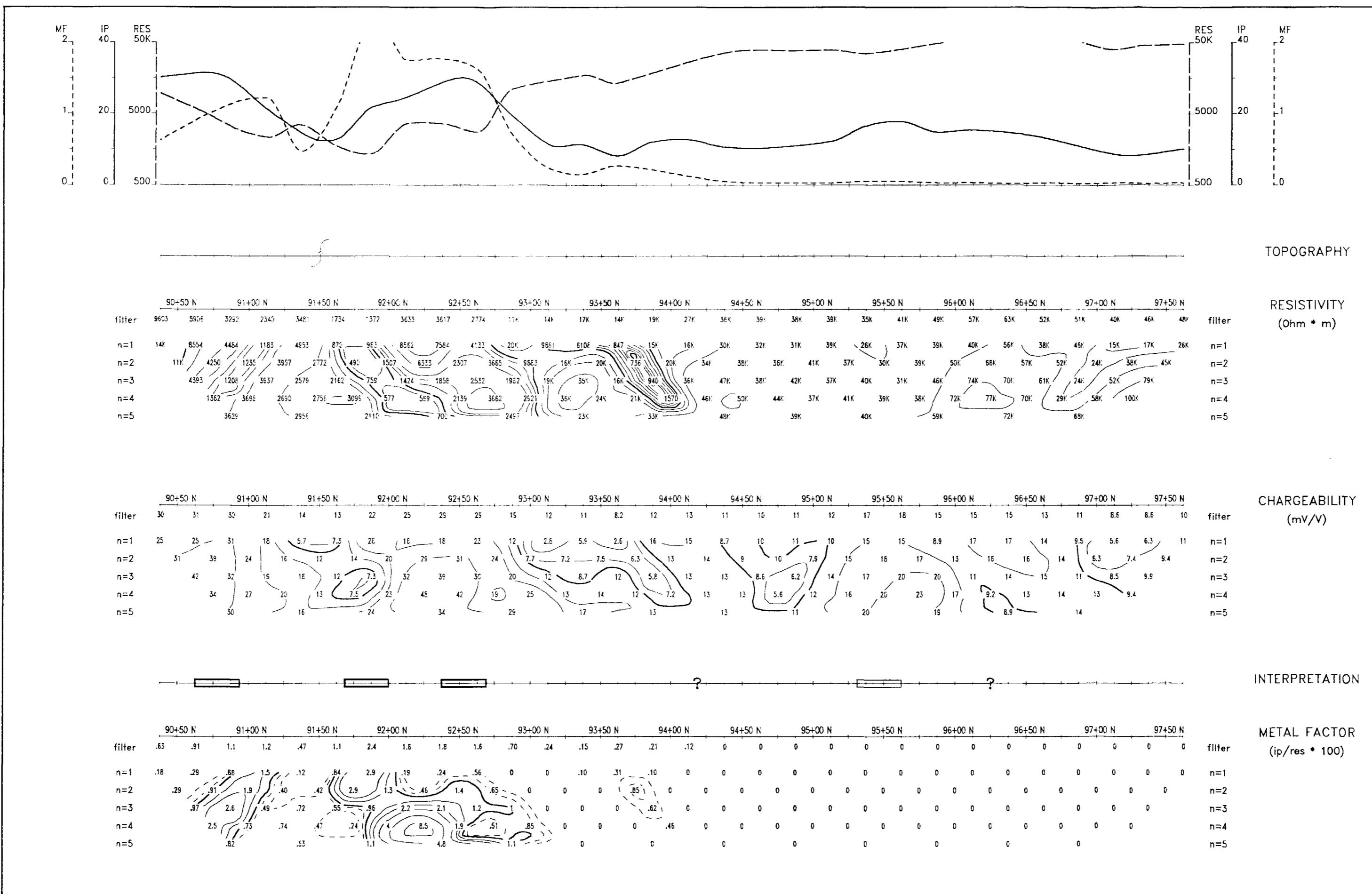
Point Isacor Twp, Ontario

Station by: P. Boileau, P. Eng.

1 : 2500

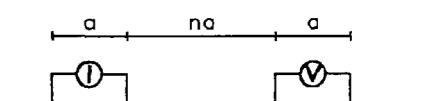
卷之三十一

VAL D'O



Line 9700 E

Dipole–Dipole Array



$$a = 25 \text{ M}$$

plot point

er

Resistivity Polarization Metal Electrode

Model 1200

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

Instrument: PHOENIX IPT1, BRGM IP-6
Time cycle: 2 sec.
Operator: Luc Bilodeau

INTERPRETATION

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

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Weak or poorly defined polarization anomaly, no resistivity signature.

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

Induced Polarization Survey

RIVER GOLD MINES LTD

Eagle River Mine
Point Isacor Twp, Ontario

Date: 96/06/25

Interpretation by: P. Boileau, P. Eng.

scale 1 : 2500

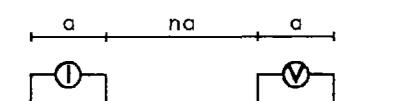
1444 Page 24 of 24

VAL D'O

VAL D'OR SAGAX INC.

Line 9850 E

Dipole-Dipole Array



$a = 25 \text{ M}$

$n = 1, 2, 3, 4, 5$

plot point

Filtered Profiles

Filter

Resistivity
Polarization
Metal Factor

* * *

Logarithmic Contours

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

Instrument: PHOENIX IPT1, BRGM IP-6

Time cycle: 2 sec.

Operator: Luc Bilodeau

INTERPRETATION

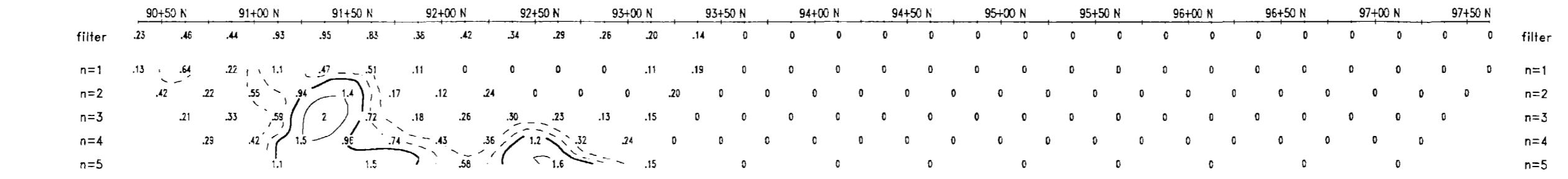
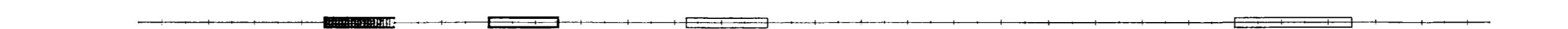
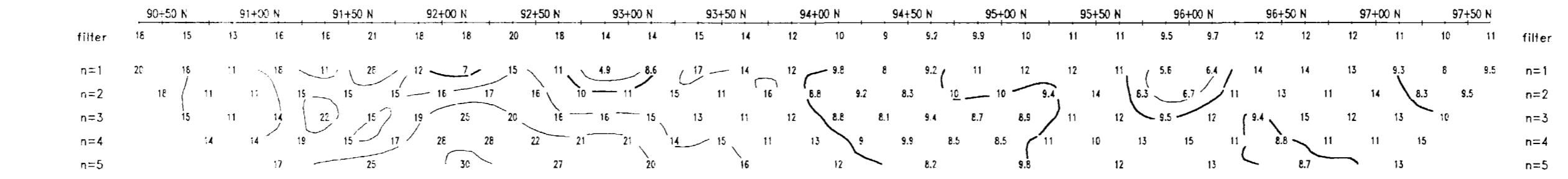
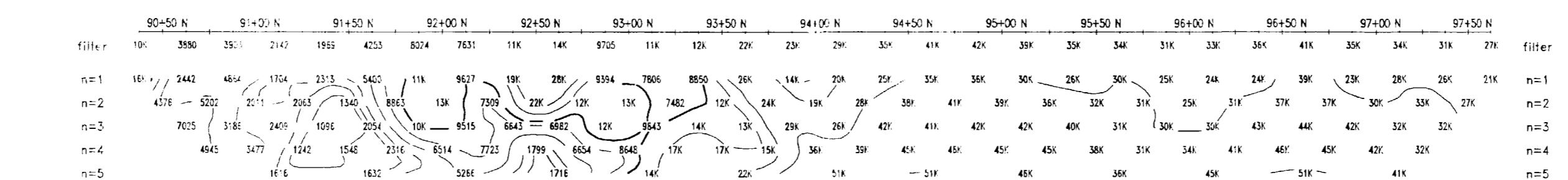
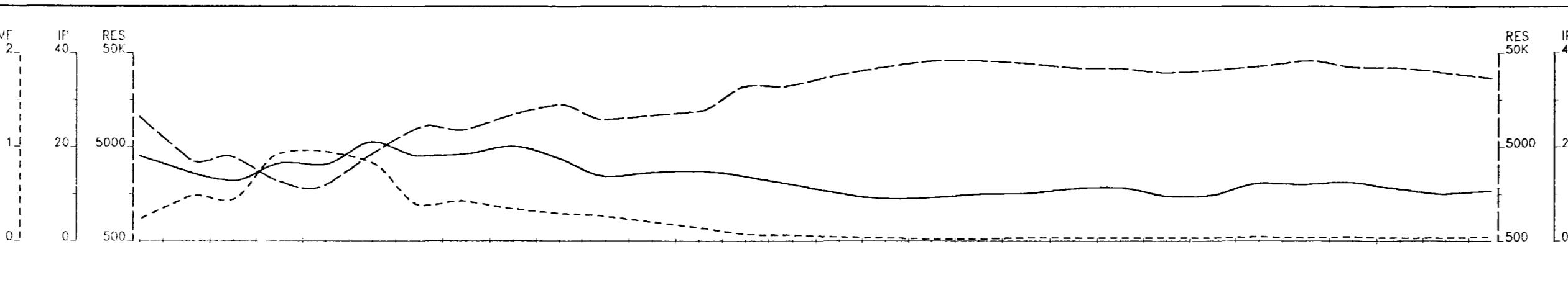
Increase in polarization associated to a relative decrease in apparent resistivity.

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

Weak or poorly defined polarization anomaly, no resistivity signature.

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

TOPOGRAPHY



INTERPRETATION

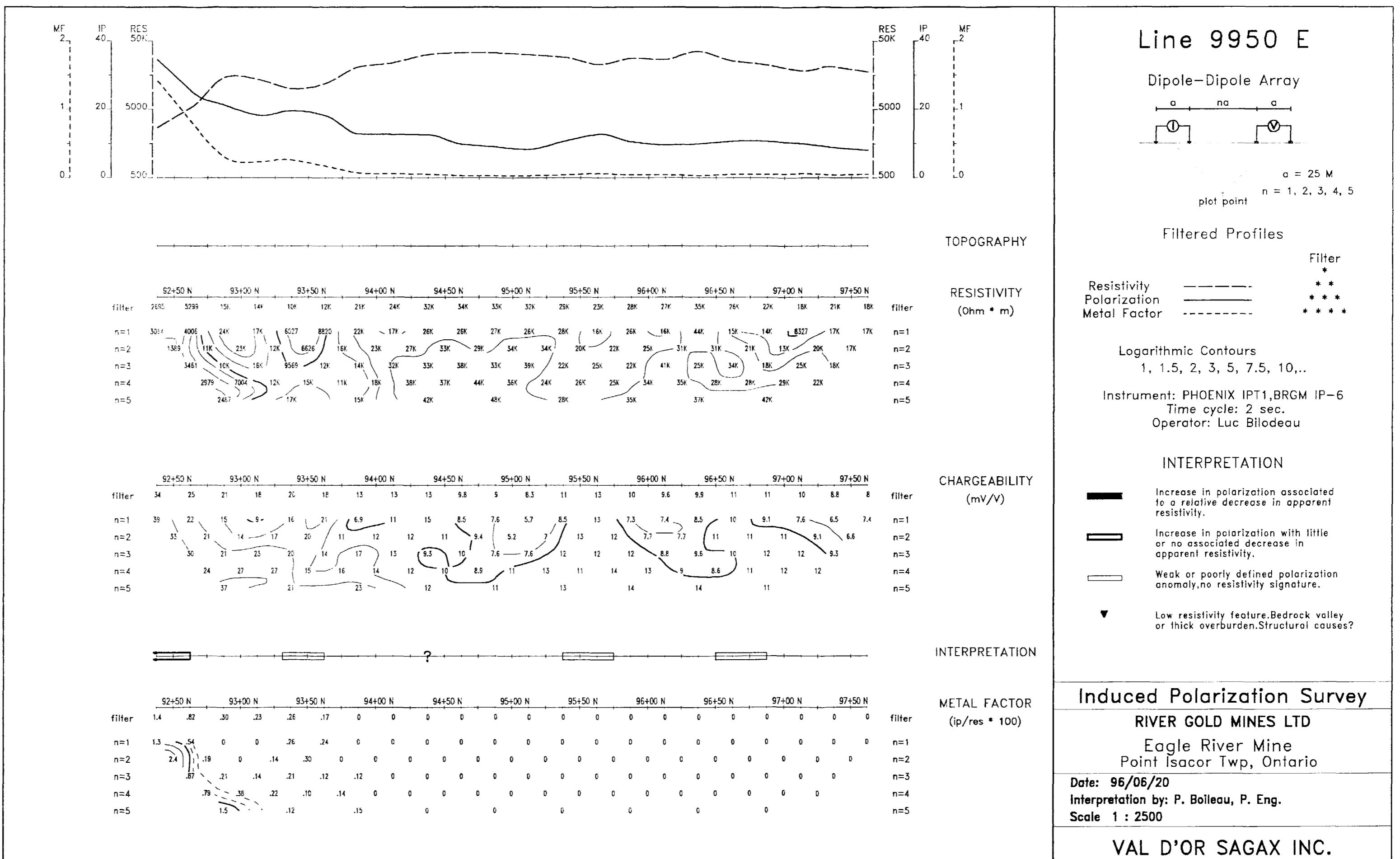
Induced Polarization Survey

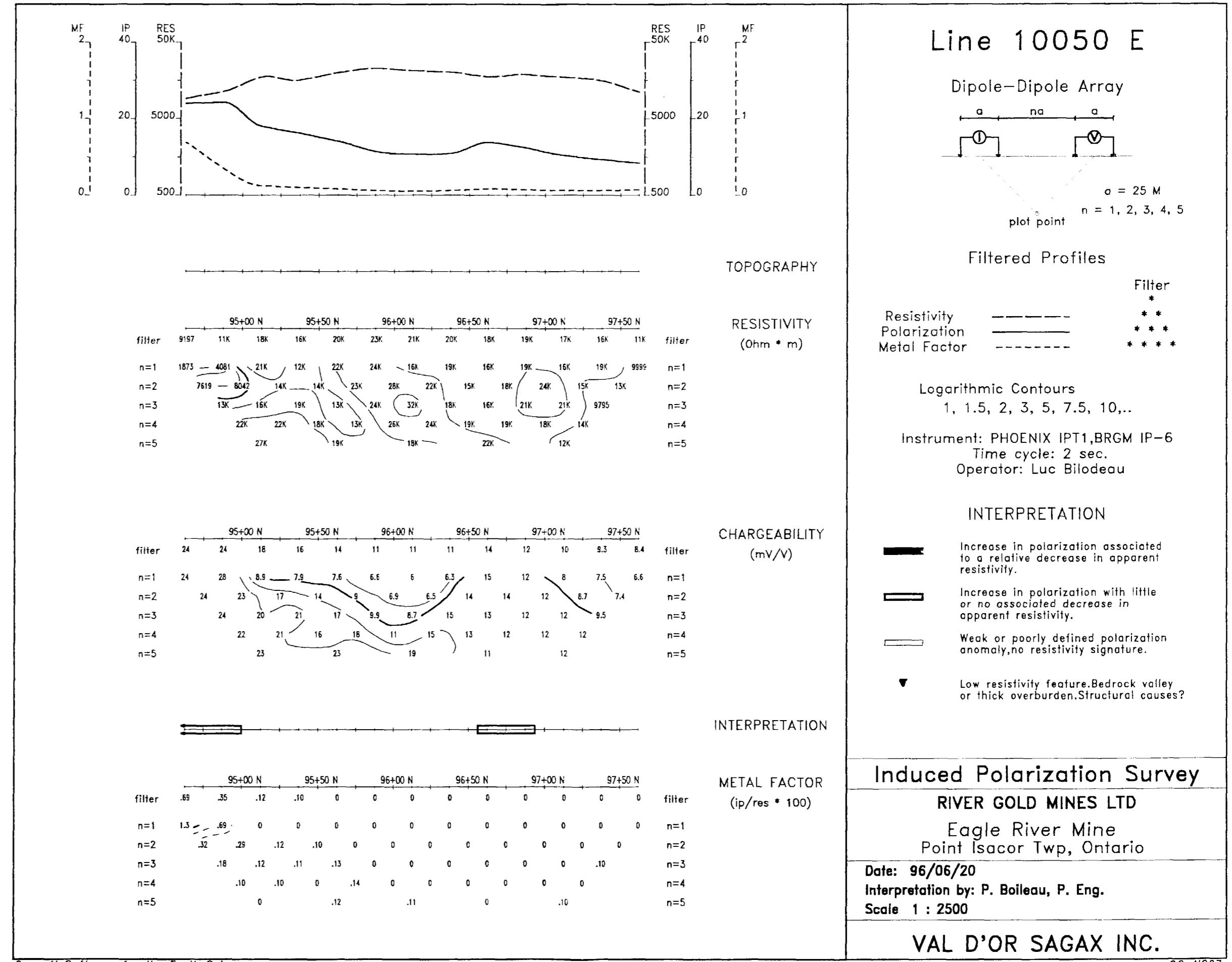
RIVER GOLD MINES LTD

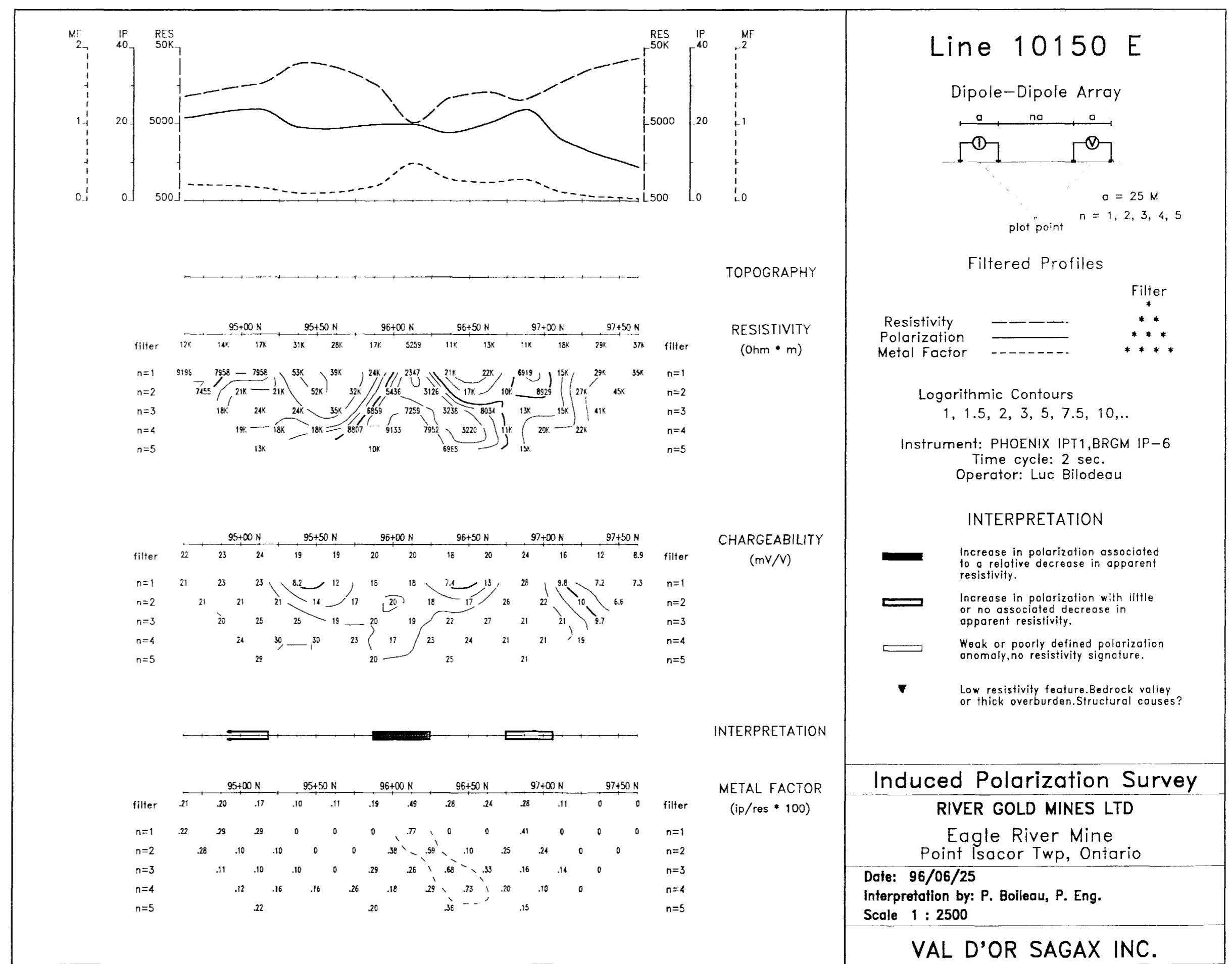
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Point Isacor Twp, Ontario

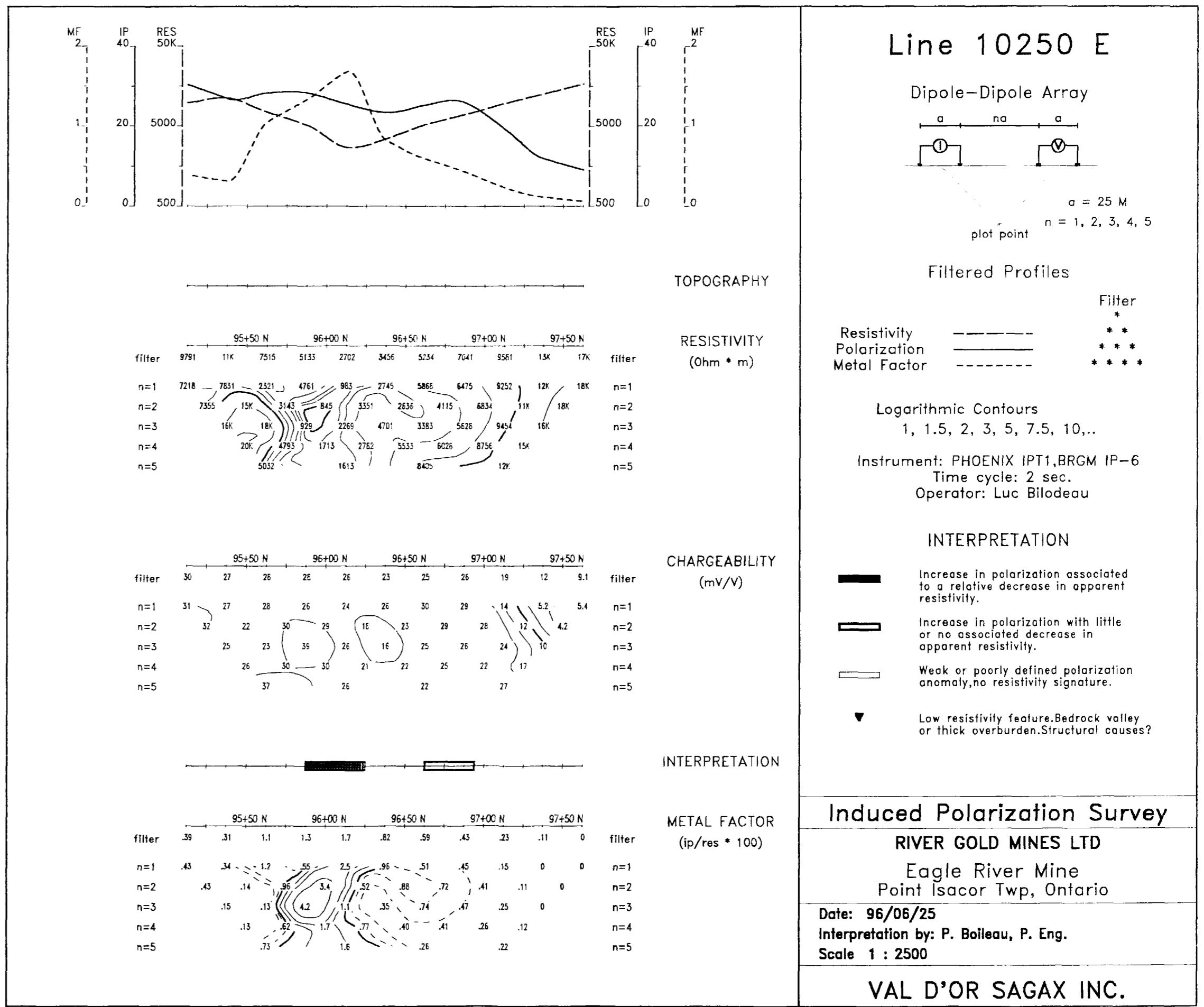
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Interpretation by: P. Boileau, P. Eng.
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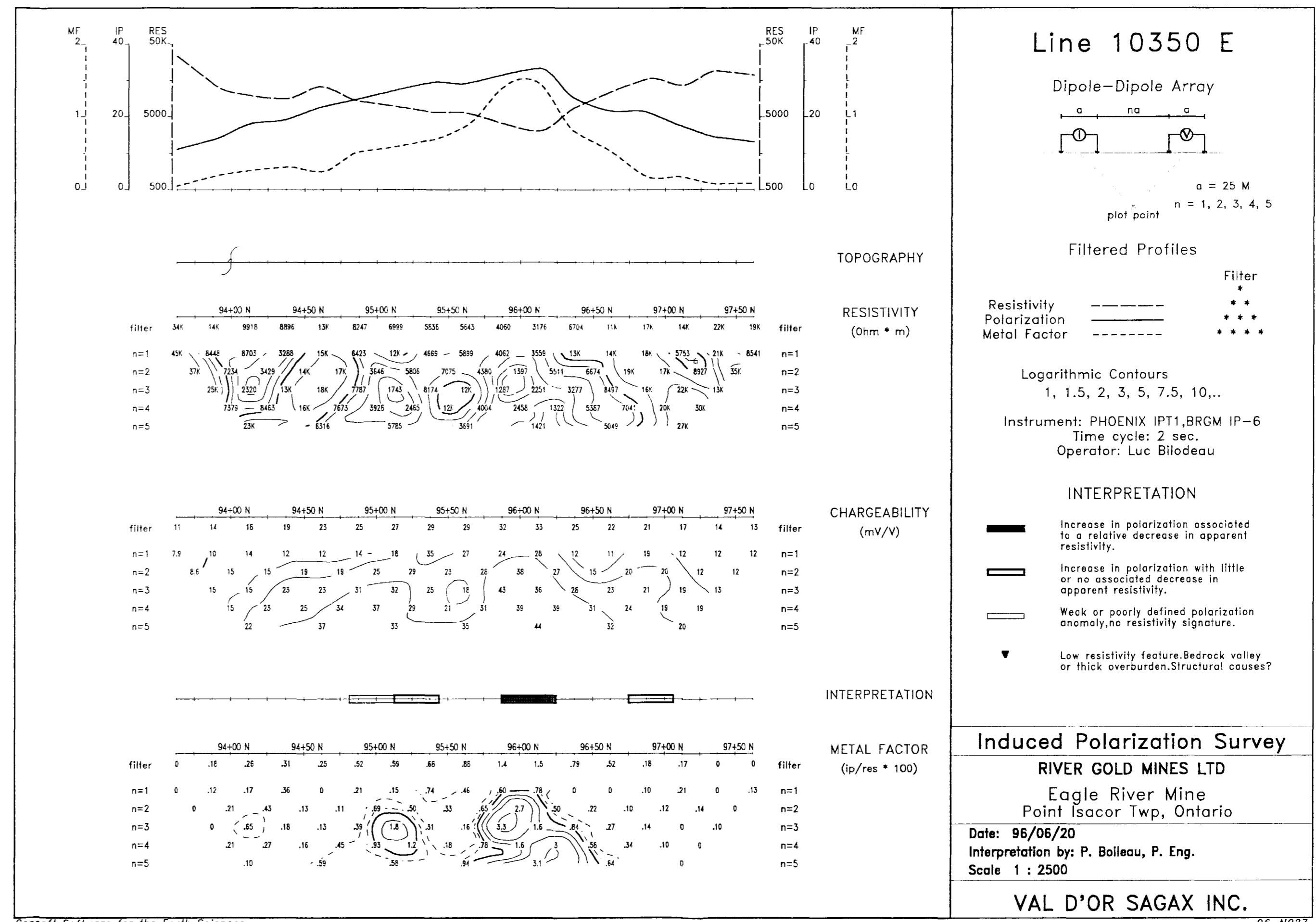
VAL D'OR SAGAX INC.

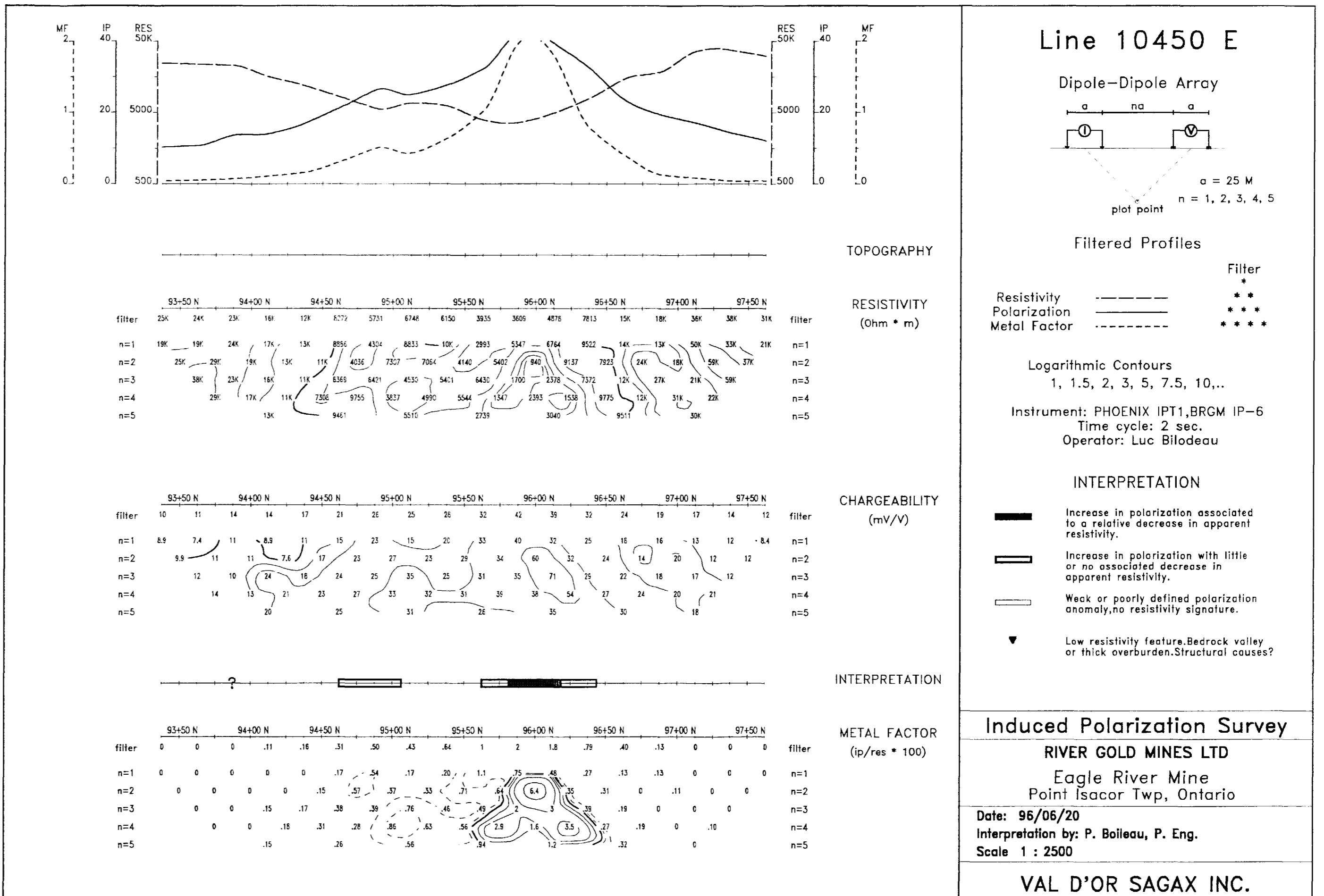


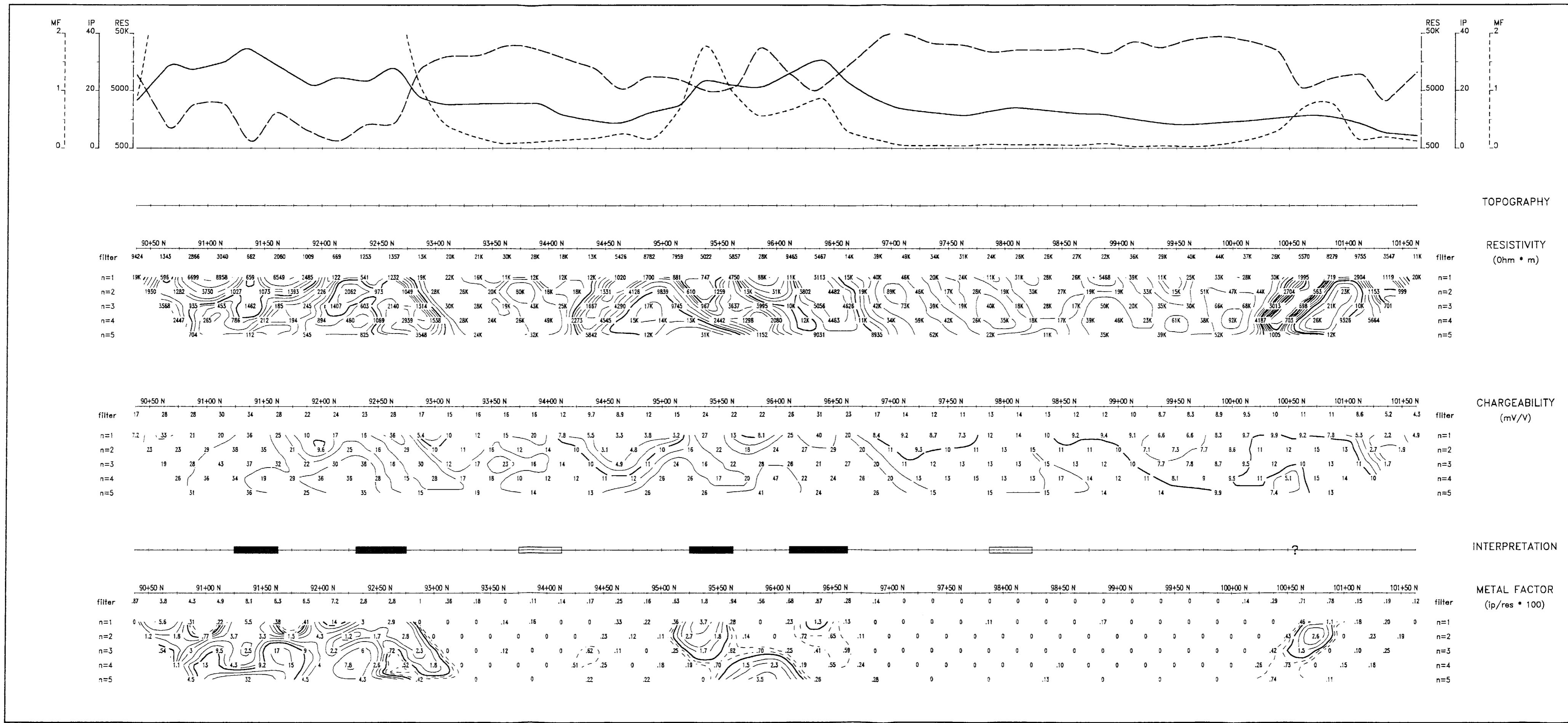


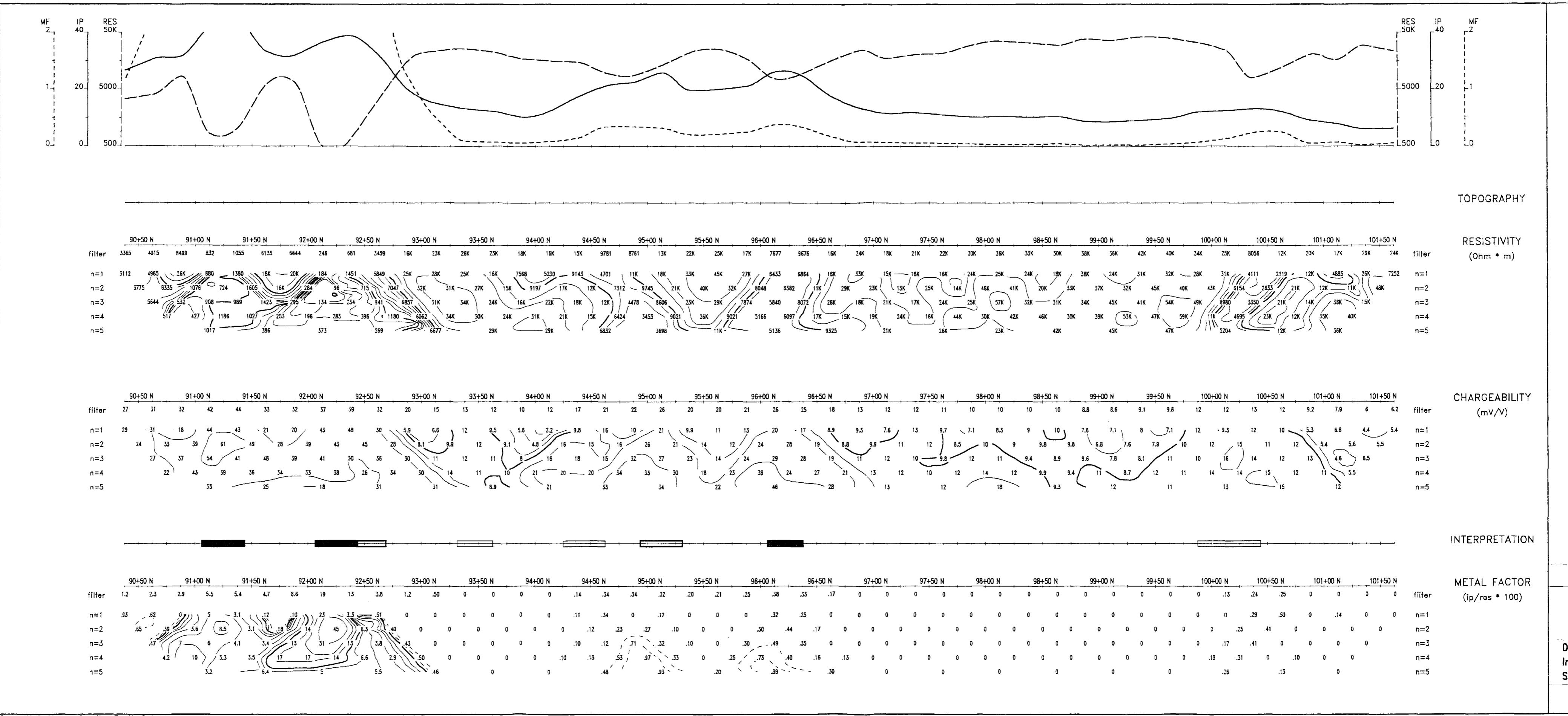


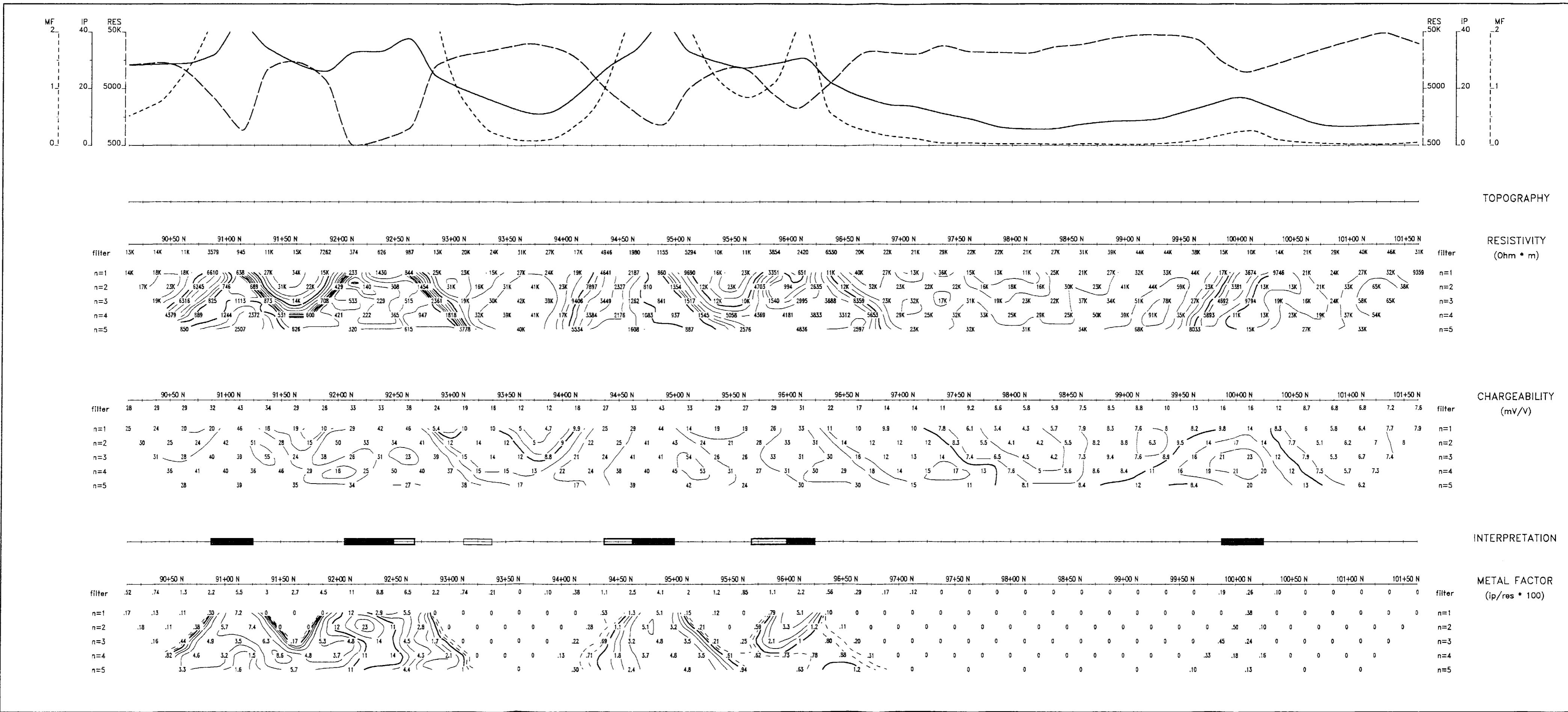


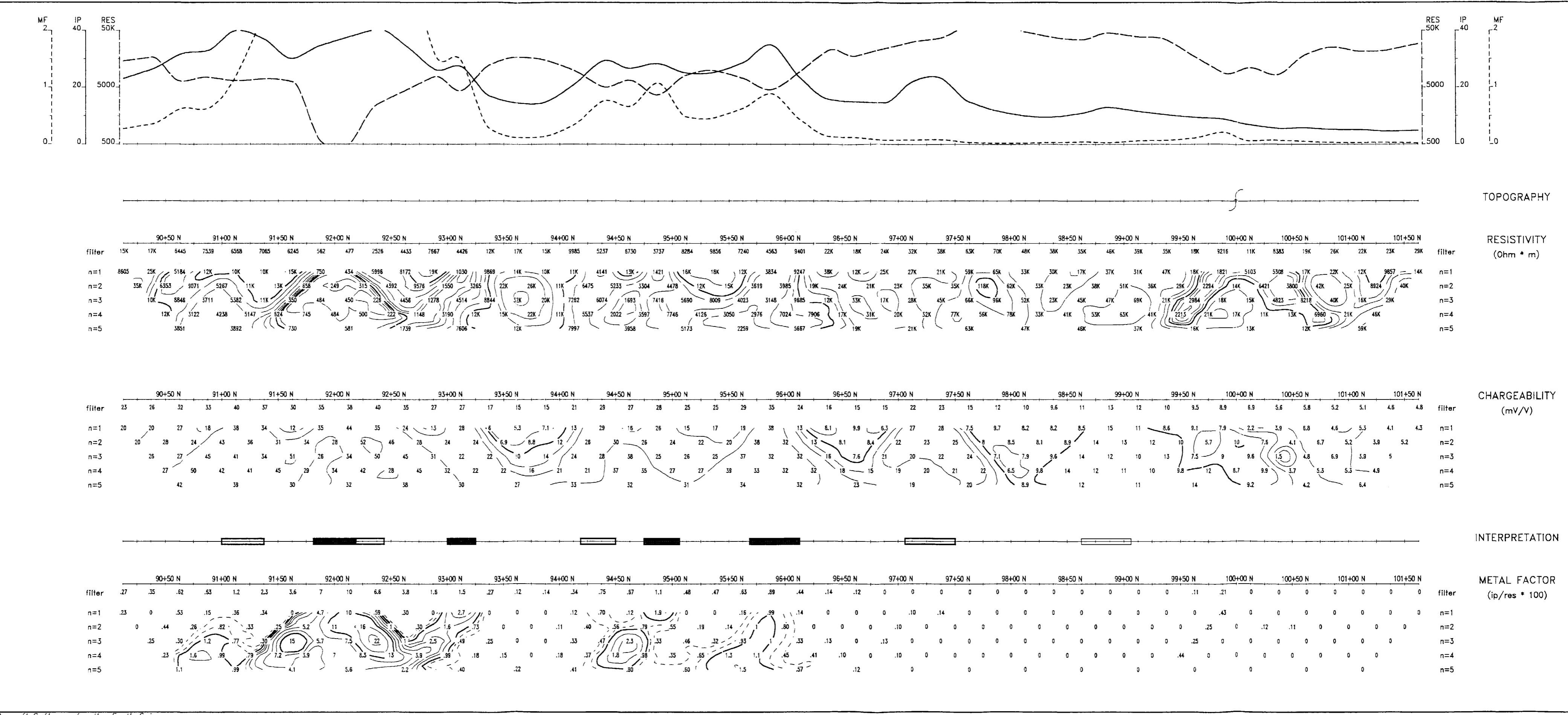


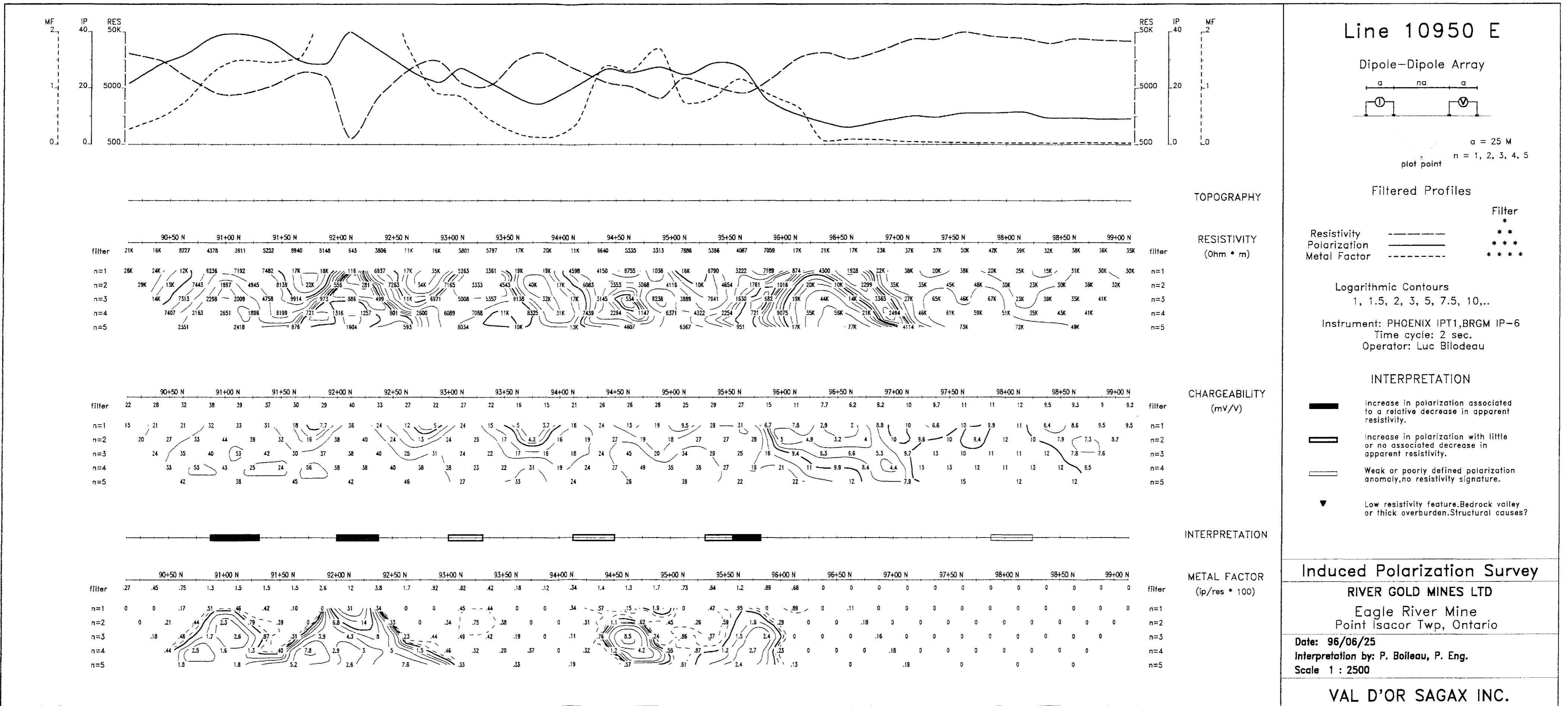


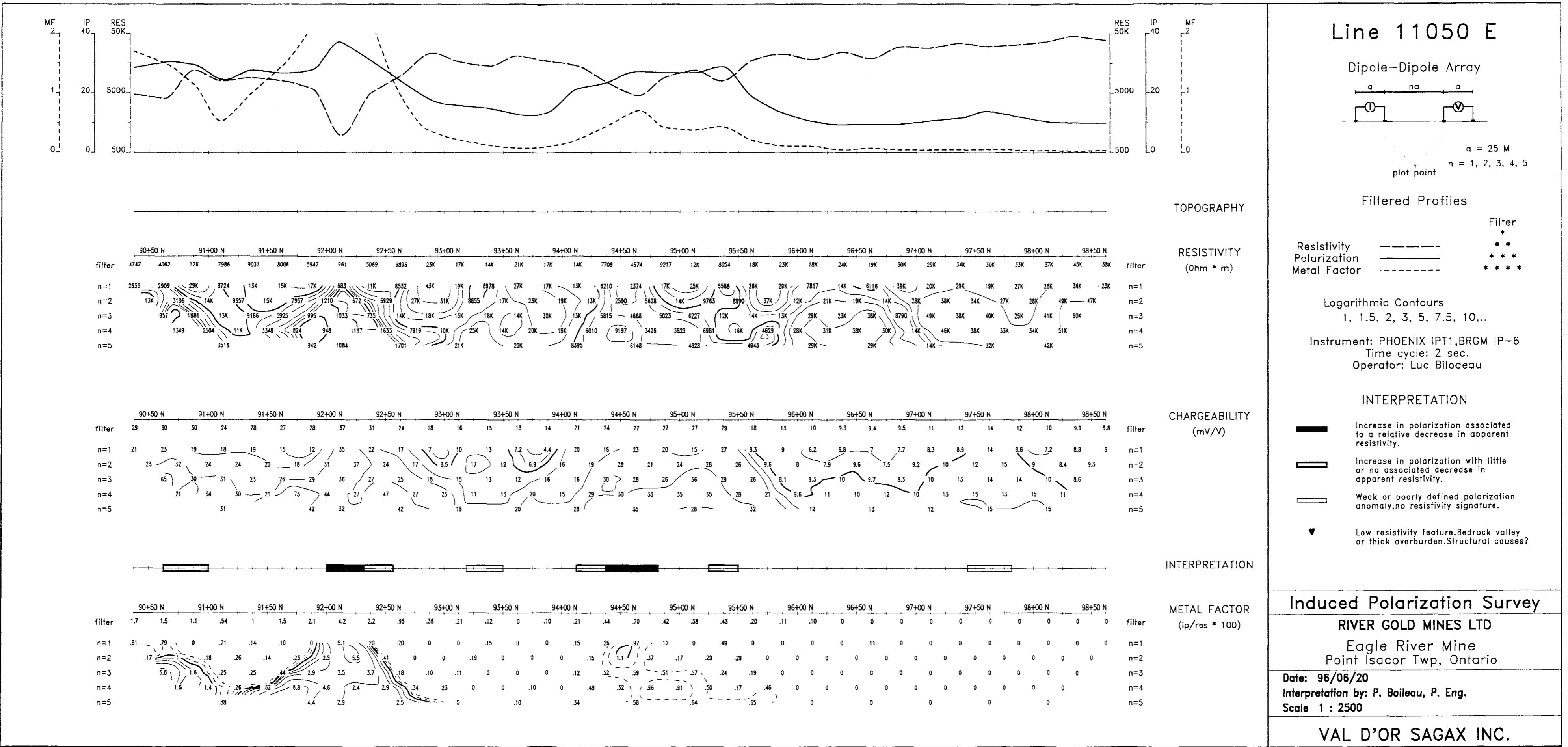


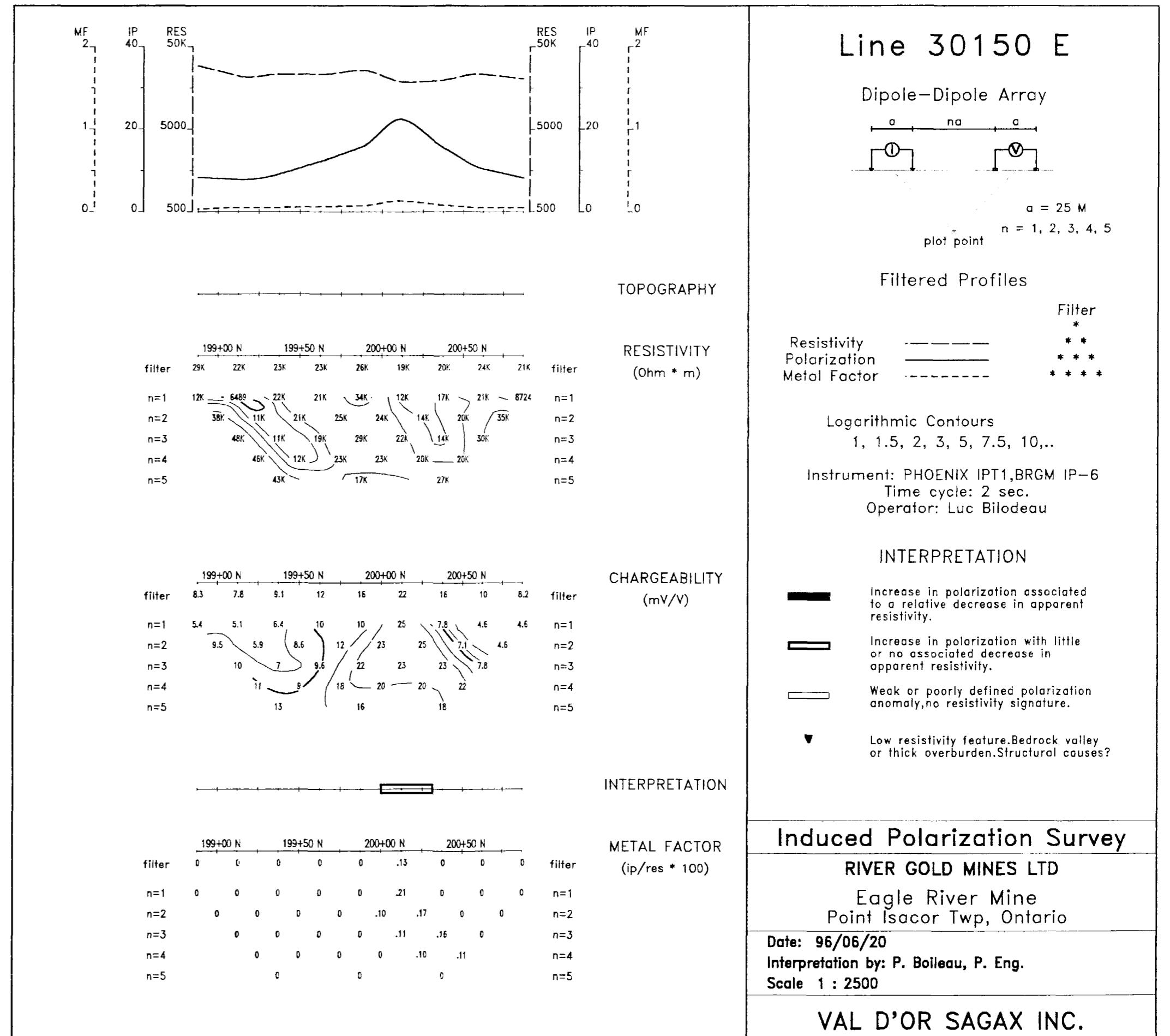


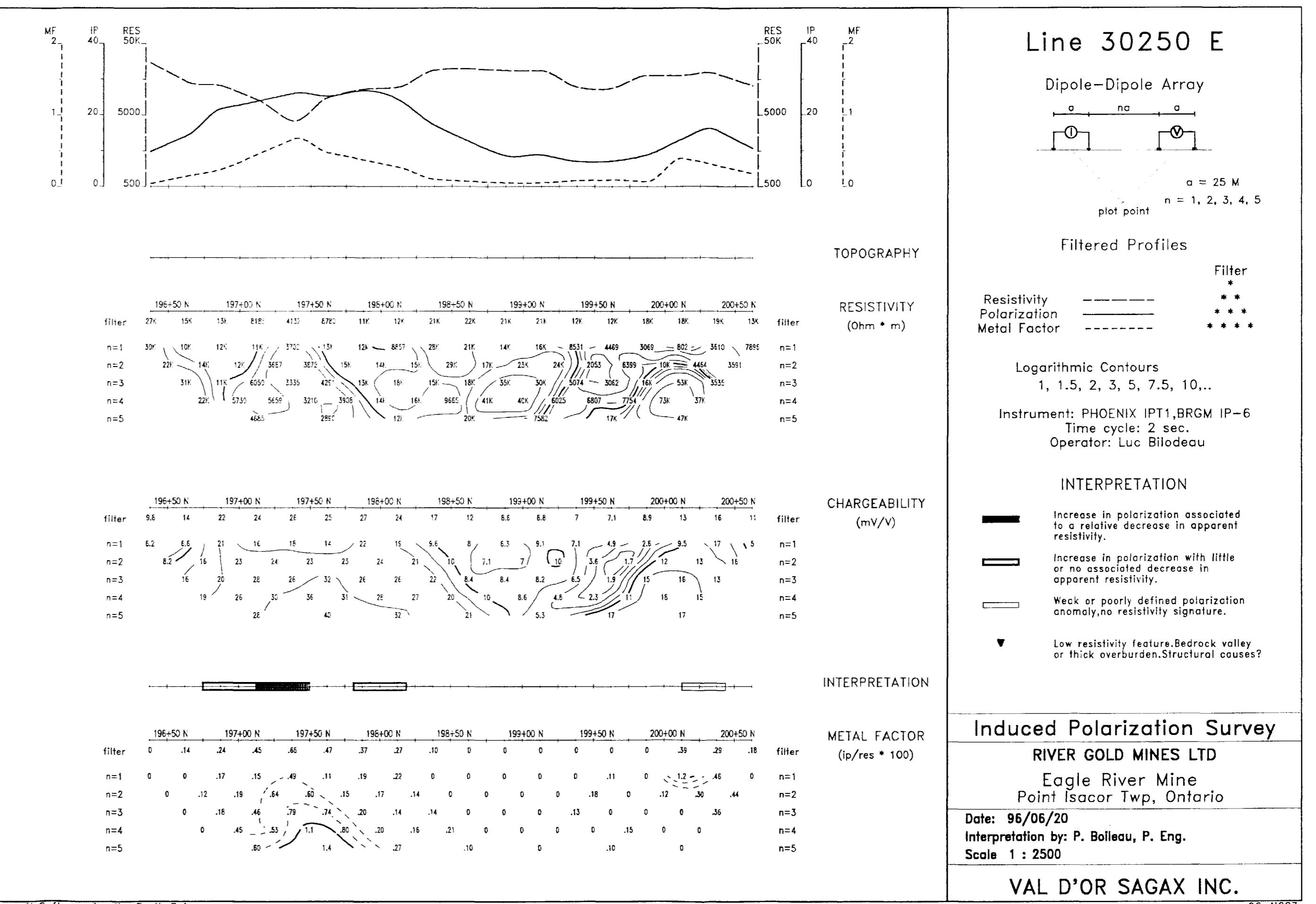






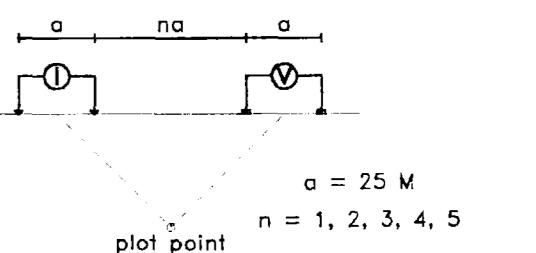




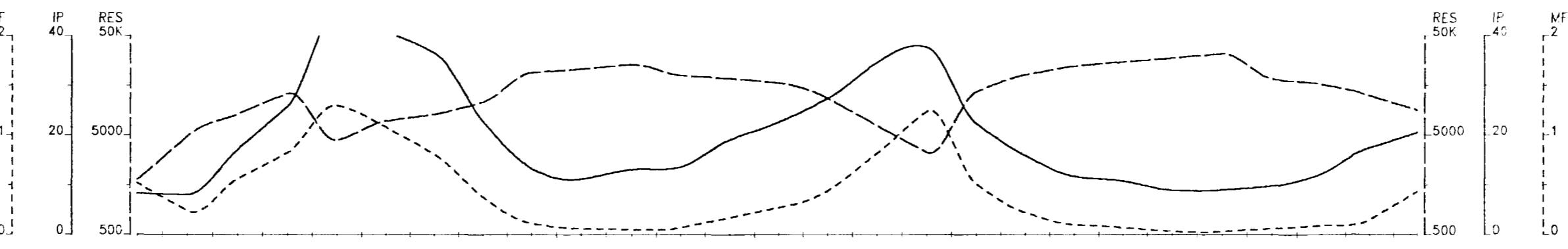


Line 30380 E

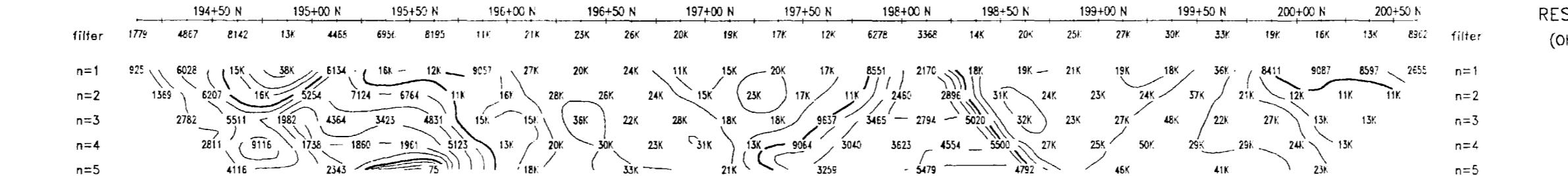
Dipole-Dipole Array



Filtered Profiles



TOPOGRAPHY

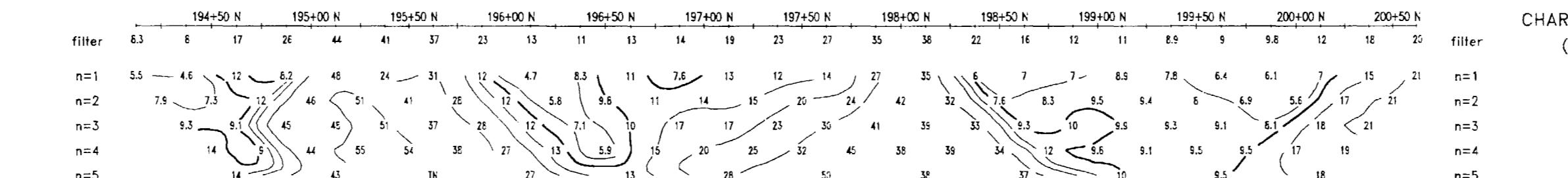


RESISTIVITY (Ohm * m)

Filter
*
* *
* * *
* * * *

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

Instrument: PHOENIX IPT1, BRGM IP-6
Time cycle: 2 sec.
Operator: Luc Bilodeau



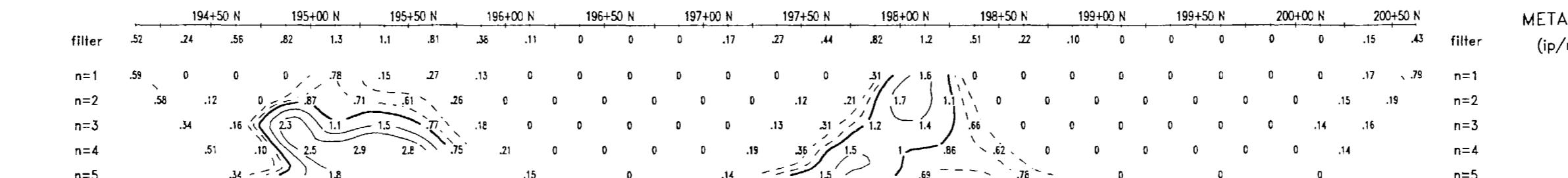
CHARGEABILITY (mV/V)

Increase in polarization associated to a relative decrease in apparent resistivity.
Increase in polarization with little or no associated decrease in apparent resistivity.
Weak or poorly defined polarization anomaly, no resistivity signature.

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



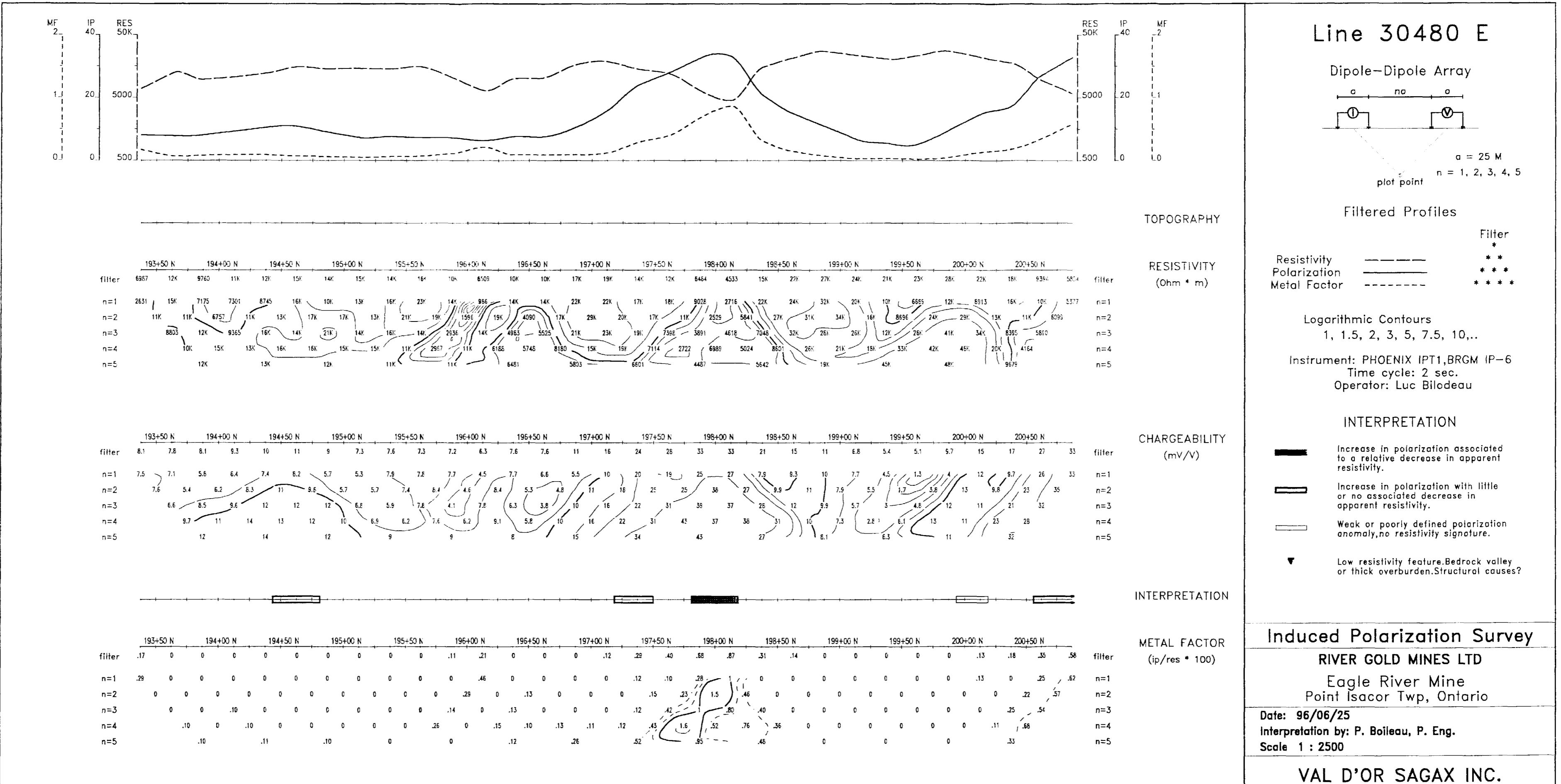
INTERPRETATION

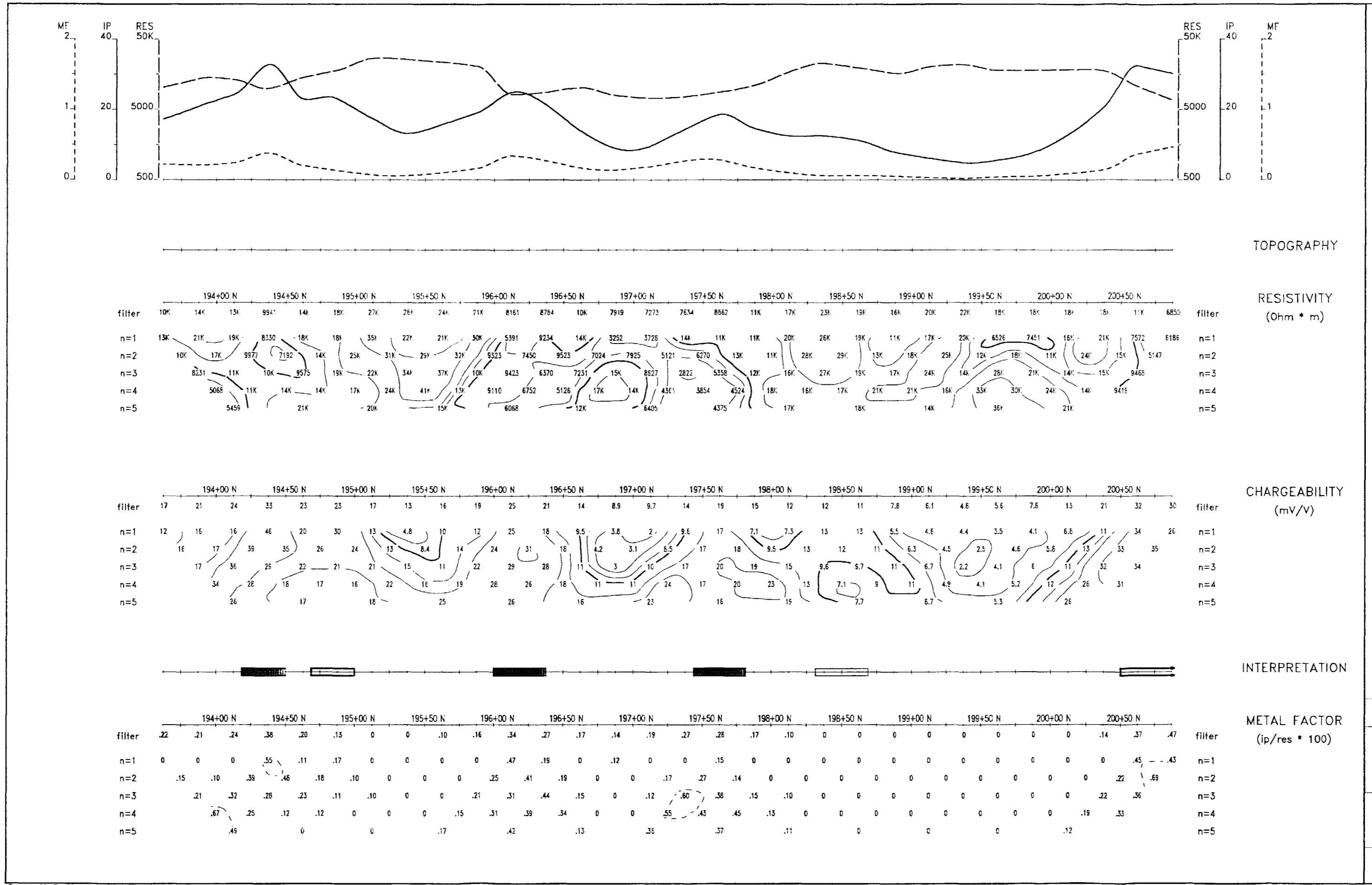


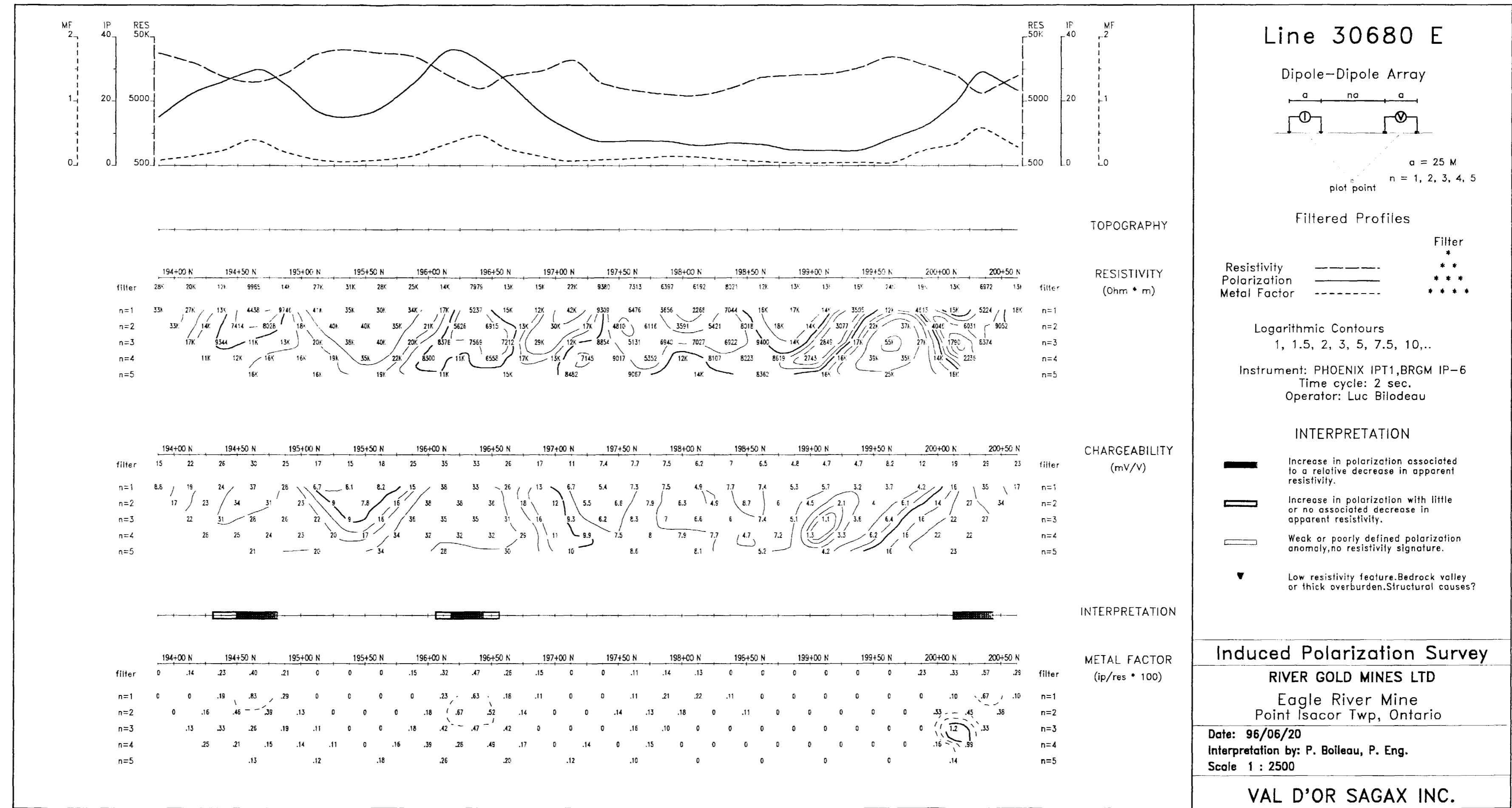
METAL FACTOR (ip/res * 100)

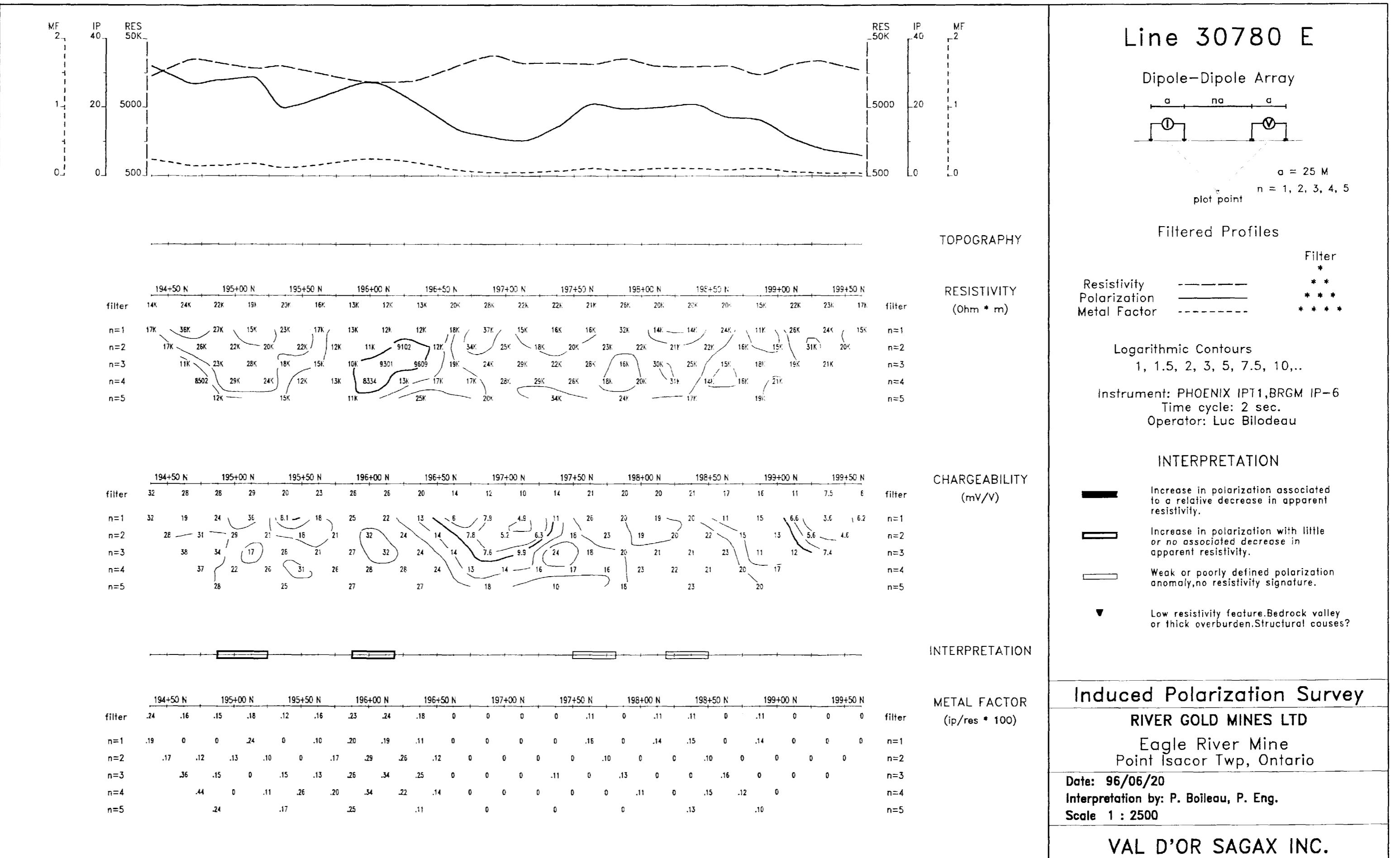
Induced Polarization Survey
RIVER GOLD MINES LTD
Eagle River Mine
Point Isacor Twp, Ontario
Date: 96/06/20
Interpretation by: P. Boileau, P. Eng.
Scale 1 : 2500

VAL D'OR SAGAX INC.



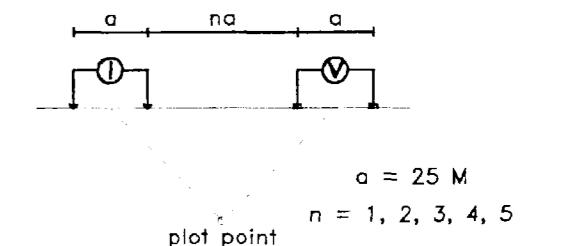






Line 30880 E

Dipole-Dipole Array



$a = 25 \text{ M}$

$n = 1, 2, 3, 4, 5$

plot point

Filtered Profiles

Filter

Resistivity	-----	*	*
Polarization	-----	* * *	
Metal Factor	-----	* * * *	

Logarithmic Contours

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

Instrument: PHOENIX IPT1, BRGM IP-6

Time cycle: 2 sec.

Operator: Luc Bilodeau

INTERPRETATION

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

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

Weak or poorly defined polarization anomaly, no resistivity signature.

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

INTERPRETATION

METAL FACTOR
(ip/res * 100)

Induced Polarization Survey

RIVER GOLD MINES LTD

Eagle River Mine
Point Isacor Twp, Ontario

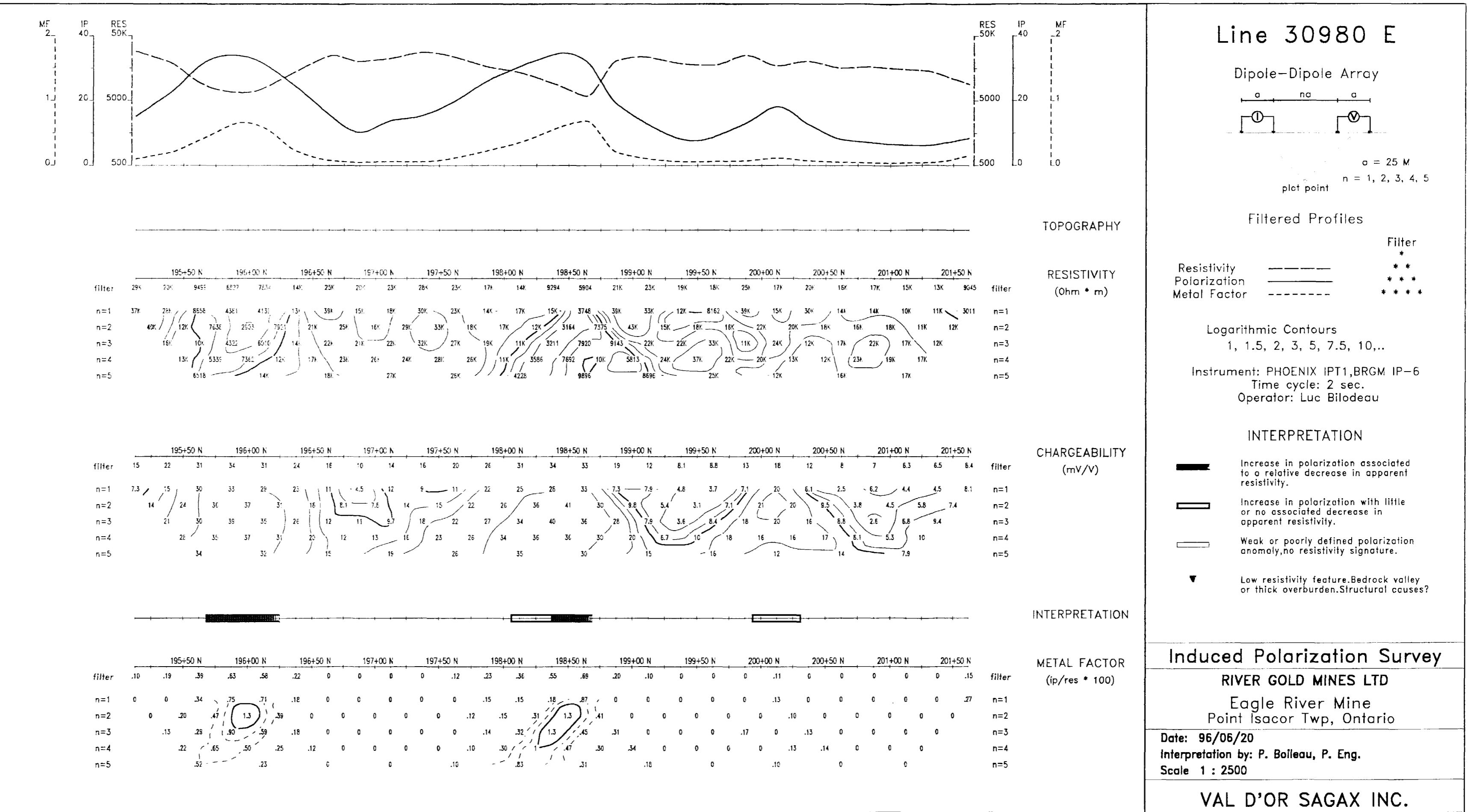
Date: 96/06/20

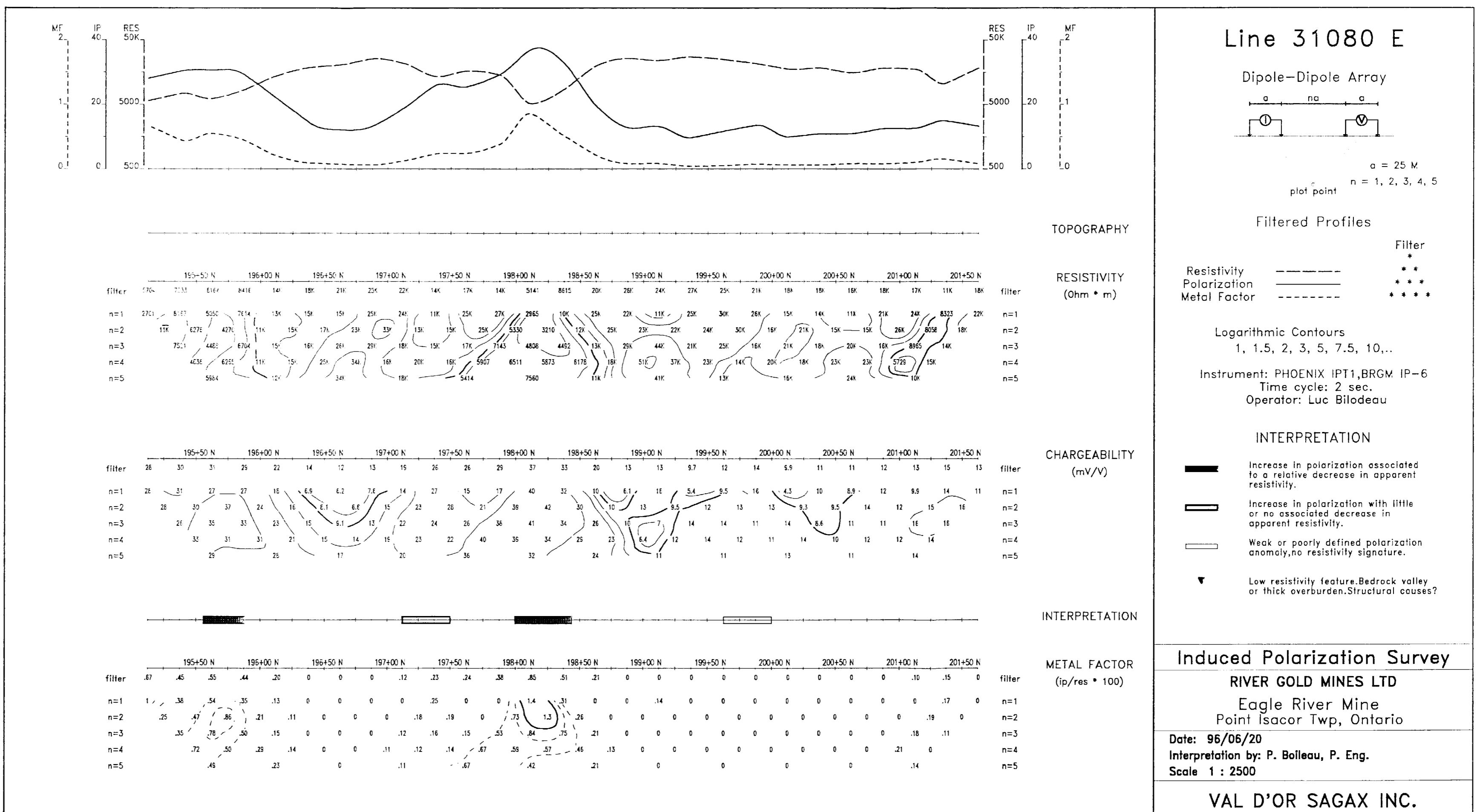
Interpretation by: P. Boileau, P. Eng.

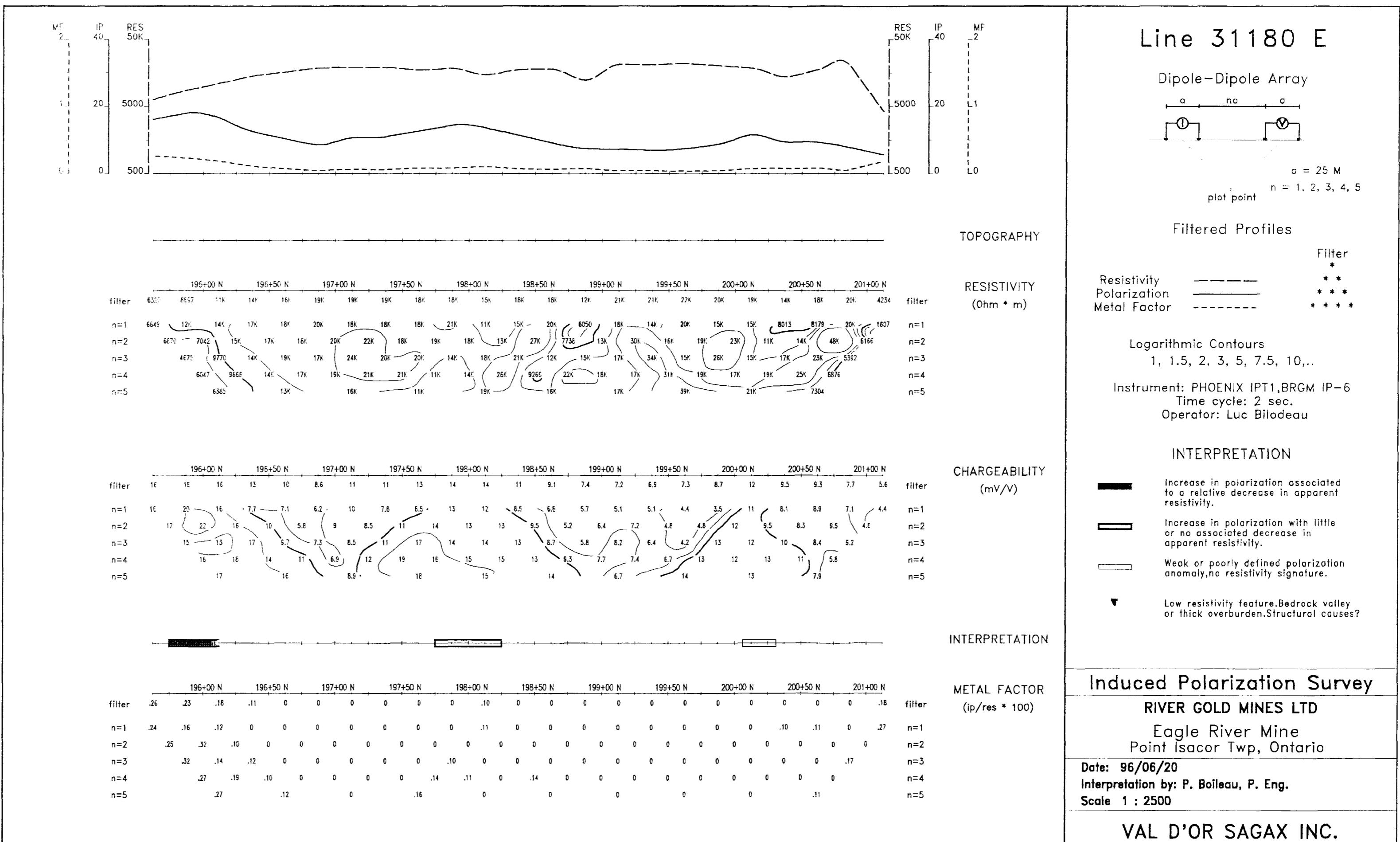
Scale 1 : 2500

VAL D'OR SAGAX INC.

96-N027









Ministry of
Northern Development
and Mines

Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number

W9650.00084

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about its collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7284.

Instructions: Please type or print and submit in duplicate.

- Refer to the Mining Act and Regulation for details of filling accuracy and work performed.
- A separate copy of this form must be submitted.
- Technical reports and maps must be included.
- A sketch showing the claims the subject of the work performed must be included.



41N14NW0007 2.16840 POINT ISACOR

2.16840

900

Recorded Holder(s)	RIVER GOLD MINES LTD	Client No.	116736
Address	PO BOX 268, VAL D'OR, QUEBEC J9P 4P3	Telephone No.	819-825-8894
Mining Division	SAULT STE. MARIE	Township/Area	POINT ISACOR & GRUSETTIERS
Dates Work Performed	From: JUNE 1, 1995	To: JULY 1996, JUNE 19, 1996	G-3778 & G-2281

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	GEOPHYSICAL SURVEYS AND LINE CUTTING
Physical Work, Including Drilling	(MAC) (I.P.)
Rehabilitation	RECEIVED
Other Authorized Work	OCT 11 1996
Assays	MINING LANDS BRANCH
Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ 54,191

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

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

Name	Address
Geo Audet Exploration Inc	1247, 1ST AVE, VAL D'OR, QC. J9P 1Z4
Val d'Or Sagamore Inc (Pierre Boileau)	50 LAMAGUIE BOUL., VAL D'OR, QC. J9P 2H6

Attach a schedule if necessary)

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

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date	Recorded Holder or Agent (Signature)
	Oct 4, 1996	George Mannard (VP EXPLORATION).

Certification of Work Report

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

Name and Address of Person Certifying

GEORGE MANNARD, PO BOX 268, VAL D'OR, QC. J9P 4P3

Telephone No.	Date	Certified By (Signature)
819-825-8894	Oct. 4, 1996	George Mannard

Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received By MARIE MINING DIVISION RECEIVED
\$54,191	Oct 4/96	<i>[Signature]</i>	OCT 4 - 1996
	Deemed Approval Date	Date Approved	PM
	Jan 2/97		7,8,9,10,11,12,1,2,3,4,5,6
	Date Notice for Amendments Sent		

OCT -08-96 (TUE) 14:19 MINING REC S S MARIE

TEL: 7059456935

P.002

Claim Number (See Note 2)	Line Number of Claim Units
690860	1
690859	1
690858	1
690847	1
690846	1
690845	1
690839	1
690838	1
690825	1
690824	1
690823	1
690822	1
690821	1
690820	1
690819	1
690818	1
690817	1
690816	1
690815	1
690814	1
690813	1
690812	1
690811	1
690810	1
690809	1
690808	1
690807	1
690806	1
690805	1
690804	1
690803	1
690802	1
690801	1
690800	1
690828	1

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

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 - Credits are to be cut back equally over all claims contained in this report of work.
 - Credits are to be cut back as prioritized on the attached appendix.

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

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

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

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

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
<u>Amend 5</u>	CTK00349 * 24	
<u>Sec 5 RTM</u>	CTK00350 * 24	
0	SSN 936303	1
4	SSN 936304	1
8	SSN 936305	1
6	SSN 936306	1
1	SSN 936307	1
2	SSN 1026800	1
5	SSN 1026801	1
3	SSN 1026802	1
4	SSN 1026803	1
3	SSN 1026815	1
5	SSN 1026918	1
3	SSN 1026919	1
1	SSN 1026920	1
5	SSN 1026921	1
3	SSN 1026922	1
		5

Assessment Work Done on this Claim	Value of Applied to this Claim
29,457	0
23,451	0
284	0
246	0
248	0
198	0
198 307	0
400	0
400	0
400	0
400	0
400	0
400	0
400	0
400	0
400	0
400	0
400	0
54,191	0

Value Assigned From this Claim	Reserve: Work to be Claimed at a Future Date
29,457	0
23,454	0
284	0
246	0
248	0
198	0
307	0
54,191	0

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

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
	<i>George Mancini</i>	Oct 4, 1996

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
0	SSN 1026923	1
4	SSN 1026924	1
8	SSN 1026925	1
1	SSN 1026926	1
2	SSN 1026927	1
•	SSN 1026928	1
	SSN 1026929	1
	SSN 1026930	1
	SSN 1026931	1
	SSN 1026932	1
	SSN 1026933	1
	SSN 1026934	1
	SSN 1026935	1
	SSN 1026936	1
	SSN 1026937	1
	SSN 1026938	1
	SSN 1026939	1

Total Assigned From	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date

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

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

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
	<i>George Mansard</i>	<i>Oct 5, 1996</i>

Claim Number (See Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim
SSN 1026940	1		400
SSN 1026941	1		400
SSN 1026942	1		400
SSN 1026943	1		400
SSN 1026944	1		400
SSN 1026945	1		400
SSN 1026946	1		400
SSN 1026947	1		400
SSN 1026948	1		400
SSN 1026949	1		400
SSN 1026950	1		400
SSN 1026951	1		400
SSN 1026952	1		400
SSN 1026953	1		400
SSN 1026954	1		400
SSN 1026955	1		400
SSN 1026956	1		400

Total Assigned From	Total Reserve	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date

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

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

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
	<i>George Mannard</i>	Oct 5, 1996

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
SSN 1026957	1	400
SSN 1026959	1	115
SSN 1026960	1	400
SSN 1026961	1	400
SSN 1026962	1	400
SSN 1026963	1	400
SSN 1026964	1	400
SSN 1026965	1	400
SSN 1026966	1	400
SSN 1026967	1	400
SSN 1026968	1	400
SSN 1026969	1	400
SSN 1026970	1	400
SSN 1026971	1	400
SSN 1026972	1	400
SSN 1027216	1	374
SSN 1027217	1	374

Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
400	400		
115	115		
400	400		
400	400		
400	400		
400	400		
400	400		
400	400		
400	400		
400	400		
400	400		
400	400		
400	400		
374	374		
374	374		

Total Number of Claims	Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve
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MINING LANDS BRANCH

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

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
<i>George Mannard</i>		Oct 4, 1996

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
SSN	1027218	1
SSN	1027219	1
SSN	1027220	1
SSN	1027221	1
SSN	1027222	1
SSN	1027223	1
SSN	1027224	1
SSN	1027225	1
SSN	1027226	1
SSN	1027227	1
SSN	1027228	1
SSN	1027229	1
SSN	1027230	1
SSN	1027231	1
SSN	1027232	1
SSN	1027233	1
SSN	1027234	1

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I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
	<i>George Mannard</i>	<i>Oct 4, 1996</i>

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
40	SSN 1027235	1
41	SSN 1027236	1
42	SSN 1027237	1
43	SSN 1027238	1
44	SSN 1027239	1
45	SSN 1027240	1
46	SSN 1027241	1
47	SSN 1027242	1
48	SSN 1027243	1
49	SSN 1027244	1
50	SSN 1027245	1
51	SSN 1027246	1
52	SSN 1027247	1
53	SSN 1027248	1
54	SSN 1027249	1
55	SSN 1027250	1
56	SSN 1027251	1

Total Assigned From	Total Reserve	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date

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

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

George Mannard Oct 4, 1996

Work Report Number for Approving Reserve	Claim Number (see Note 2)	Number of Claim Units
SSN 1027252	1	400
SSN 1027253	1	400
SSN 1027254	1	400
SSN 1027255	1	400
SSN 1027256	1	400
SSN 1027257	1	400
SSN 1027258	1	374
SSN 1027259	1	374
SSN 1027260	1	400
SSN 1027261	1	400
SSN 1027262	1	341
SSN 1027263	1	374
SSN 1027264	1	341
SSN 1027265	1	341
SSN 1027266	1	400
SSN 1027267	1	
SSN 1027268	1	341

Value of Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
400	400	400	
400	400	400	
400	400	400	
400	400	400	
400	400	400	
400	400	400	
400	400	400	
374	374	374	
400	400	400	
400	400	400	
341	341	341	
374	374	374	
341	341	341	
400	400	400	

Total Number of Claims	Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

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

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
<i>George Mannard</i>		Oct 4, 1996

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
40	1027269	1
40	SSN 1027270	1
60	SSN 1027271	1
60	SSN 1027272	1
1	SSN 1027273	1
2	SSN 1027274	1
	SSN 1027275	1
	SSN 1027276	1
	SSN 1027277	1
	SSN 1027278	1
	SSN 1027279	1
	SSN 1027280	1
	SSN 1027281	1
	SSN 1027282	1
	SSN 1027283	1
	SSN 1027284	1
	SSN 1027285	1

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Note 3: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
	George Mannard	Oct 4, 1996

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	SCN 1027284	1
	SCN 1027287	1
	SCN 1027288	1
	SCN 1027289	1
(X) 60	SCN 1027290	1
	SCN 1027291	1
	SCN 1027292	1
	SCN 1027293	1
	SCN 1027294	1
	SCN 1027295	1
	SCN 9981168	1

Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve Work to be Claimed at a Future Date
374	374		
374	374		
374	374		
374	374		
374	374		
374	374		
341	341		
341	341		
727 13 rd	727 13 rd		

Total Number of Claims	Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve
54,191	54,191			

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

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

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

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
	George Wannard	Oct 4, 1996



Personal Information collected on this form is obtained under the authority of subsection 8(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.

2.16840

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit	Total Cost
LINE CUTTING	13.63 km	\$280	\$ 3,816
LINE CUTTING	66.44 km	\$270	\$17,934
MAGNETIC SURVEY	76.2 km	\$80	6,096
IP SURVEY	23.4 km	\$850	19,890

Associated Costs (e.g. supplies, mobilization and demobilization).

MOB-DEMOB - Magnetic Crew	750
MOB-DEMOB - IP Crew	3500
REPORTS /MAPS	1200

Transportation Costs	

Food and Lodging Costs	

RECEIVED	Total Value of Assessment Work	54,191
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OCT 11 1996

MINING LANDS BRANCH

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. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK × 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. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

GEORGE MANNARD (please print full name), 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 VICE PRESIDENT EXPLORATION (recorded holder, agent, or state company position with signing authority) I am authorized make this certification.

Signature

Date

APPENDIX

2.16840

MINING LEASE CLM 349 (Lease No. 106105)
(Survey Plan 55R-7744)

comprises mining claims: SSM 690805, SSM 690806,
SSM 690807, SSM 690808, SSM 690815, SSM 690816,
SSM 690817, SSM 690818, SSM 690823, SSM 690824,
SSM 690825, SSM 690826, SSM 690837, SSM 690838,
SSM 690839, SSM 690840, SSM 690844, SSM 690845,
SSM 690846, SSM 690847, SSM 690848, SSM 690859,
SSM 690860 and SSM 690861.

MINING LEASE CLM 350 (Lease No. 106106)
(Survey Plan 55R-7745)

comprises mining claims: SSM 690864, SSM 690865,
SSM 690866, SSM 690867, SSM 690878, SSM 690879,
SSM 690880, SSM 690881, SSM 690884, SSM 690885,
SSM 690886, SSM 690887, SSM 693574, SSM 693575,
SSM 693576, SSM 693577, SSM 693578, ~~RECEIVED~~ SSM 693579,
SSM 693580, SSM 693581, SSM 693592, SSM 693593,
SSM 693594 and SSM 693595 OCT 11 1995

MINING LANDS BRANCH

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

December 4, 1996

Sheila Lessard
Mining Recorder
60 Church Street
Sault Ste. Marie, ON
P6A 3H3



Ontario

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

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

Dear Sir or Madam:

Submission Number: 2.16840

Subject: Transaction Number(s): W9650.00084

After reviewing the Work Report(s) we have prepared this letter and the attached summary, which lists the results of our review. Requirements of the Assessment Work Regulation may not have been fully met. Please examine the summary to determine the next course of action concerning the identified Work Report(s).

NOTE: The 90 day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, is no longer in effect for this submission.

PLEASE NOTE ANY REQUESTED REVISIONS MUST BE SUBMITTED IN DUPLICATE.

If the anniversary dates for the mining claims affected by this correspondence have not passed, a number of options are available. Please contact the Mining Recorder to discuss these options.

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

Yours sincerely,

A handwritten signature in black ink, appearing to read "Ron C. Gashinski".

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

Work Report Assessment Results

Submission Number: 2.16840

Date Correspondence Sent: December 04, 1996

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9650.00084	690860	POINT ISACOR	Approval	December 02, 1996

Section:

14 Geophysical IP

14 Geophysical MAG

Correspondence to:

Mining Recorder
Sault Ste. Marie, ON

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

RIVER GOLD MINES LTD.
VAL D'OR, QUEBEC

Resident Geologist
Sault Ste. Marie, ON

Assessment Files Library
Sudbury, ON

**REQUIREMENTS OF GEOTECHNICAL SUBMISSIONS FOR
ASSESSMENT CREDIT
(SECTION 11)**

FILE No: 2.16840

REPORT

SECTION 11 (1):

- (a) Typewritten, suitable for reproduction.

SECTION 11(2)

- (a) Table of contents and a list of illustrations.
 (b) Identify the mining land on which the survey was performed.
 (c) Give the names and addresses of the holders of the land covered by the survey.
 (d) Location and means of access.
 (e) Key map showing land surveyed in relation to topographic features, township boundaries, established grid lines.
 (f) Identify the author of the report.
 (g) Name and addresses of person(s) who supervised the survey.
 (h) Dates during which the survey was performed.
 (i) Summary of exploration and development work performed on claims.
 (j) All assays and analyses with appropriate certificates.
 (k) Interpretation of anomalous values and recommendation for further exploration.
 (l) Statement of qualifications of person who conducted survey and drafted report.
 (m) Date of completion of the report.
 (n) Be signed by the author; and,
 (o) List of references or bibliography.

MAPS

SECTION 11(3): Map or plan at a scale between 1:10 and 1:5,000 or in the case of a regional survey, between 1:250,000 and 1:5,000 and shows,

- (a) traverse lines that have been run.
 (b) a graphic or bar scale and the north direction and indicating whether the bearing is astronomic or magnetic.
 (c) lakes, streams and other notable topographic features, and railways, roads, trails, power lines, pipelines and buildings.
 (d) claim posts and boundary lines, township boundary lines, lot and concession lines, base lines, picket lines, traverse lines.
 (e) survey stations and markers in relation to topographic features.
 (f) any grid or co-ordinate lines established for reference purposes.
 (g) the mining claim, lease, patent or parcel numbers of all mining land covered by the survey,
 (h) the printed name of the author of the accompanying report.

**REQUIREMENTS OF GEOPHYSICAL SURVEY SUBMISSIONS FOR
ASSESSMENT CREDIT
(SECTION 14)**

FILE No: _____

if *met* **REPORT**

SECTION 14(1):

- (a) Identify the name, type and model of the instrument used to perform the survey, specifying the scale constant or sensitivity.
- (b) Describe the method of survey and the use of the instrument and operational technique.
- (c) Specify the total distance of line traversed for each type of survey performed
- (d) Give the background count for radiometric readings.
- (e) Identify the sources of any geophysical or geological data contained in the report or shown on the accompanying illustrations which have been obtained from any source other than the survey being reported.
- weak weak* (f) Give an analysis of the geophysical data to better define the geometrical and physical parameters of the anomalous zones.
- (g) Describe the possible causes of background and anomalous values relating the latter to known or speculated causes.
- (h) Give a brief evaluation of the significance of anomalous values and recommendations for further exploration work.

MAPS

SECTION 14(2):

- (a) Show all station points, the values of readings taken and the units measured such as gammas, degrees, millamps, milligals, milliseconds and ohm-meters, and dimensionless units such as percent and ratios.
- (b) Show basic numerical data and filtered data if available.
- (c) Indicate total radiation units or radiation units from uranium, thorium or potassium separately or in combination for radiometric surveys on land.
- (d) Show where appropriate, the location of a topographic feature as a main base control point.
- (e) Show profiles or contours as determined from the values obtained by the survey and give the vertical scale where profiles are used.
- (f) Contain a legend or explanation indicating how the measured units in clause (1) are plotted, anomalous zones are indicated and spurious suspect readings are identified, and indicating the radiometric background count.
- weak* (g) Contain an outcrop map where a radiometric survey has been performed.

Survey	Kms	\$ / Km
L/C		
Mag	76.2	
VLF		
EM		
IP	23.4	850

(* Industry Standard)

This Submission: _____

Industry Standard: _____

Problem Page

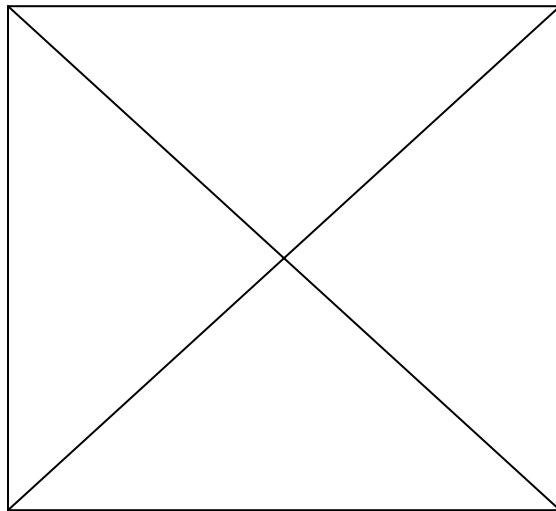
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
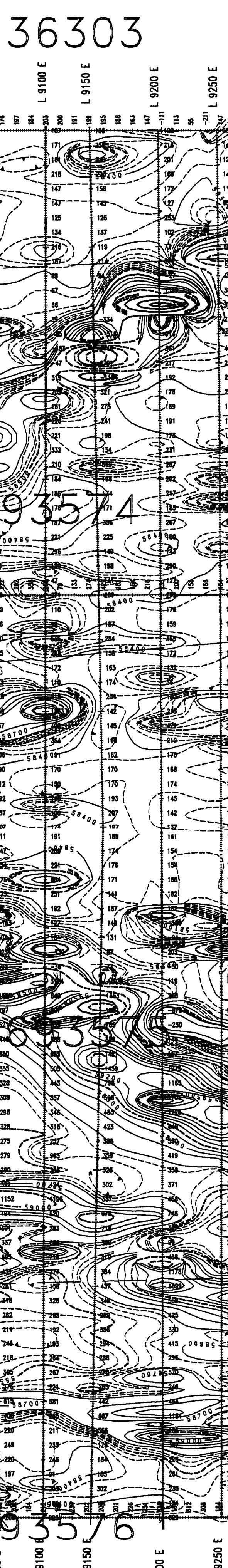
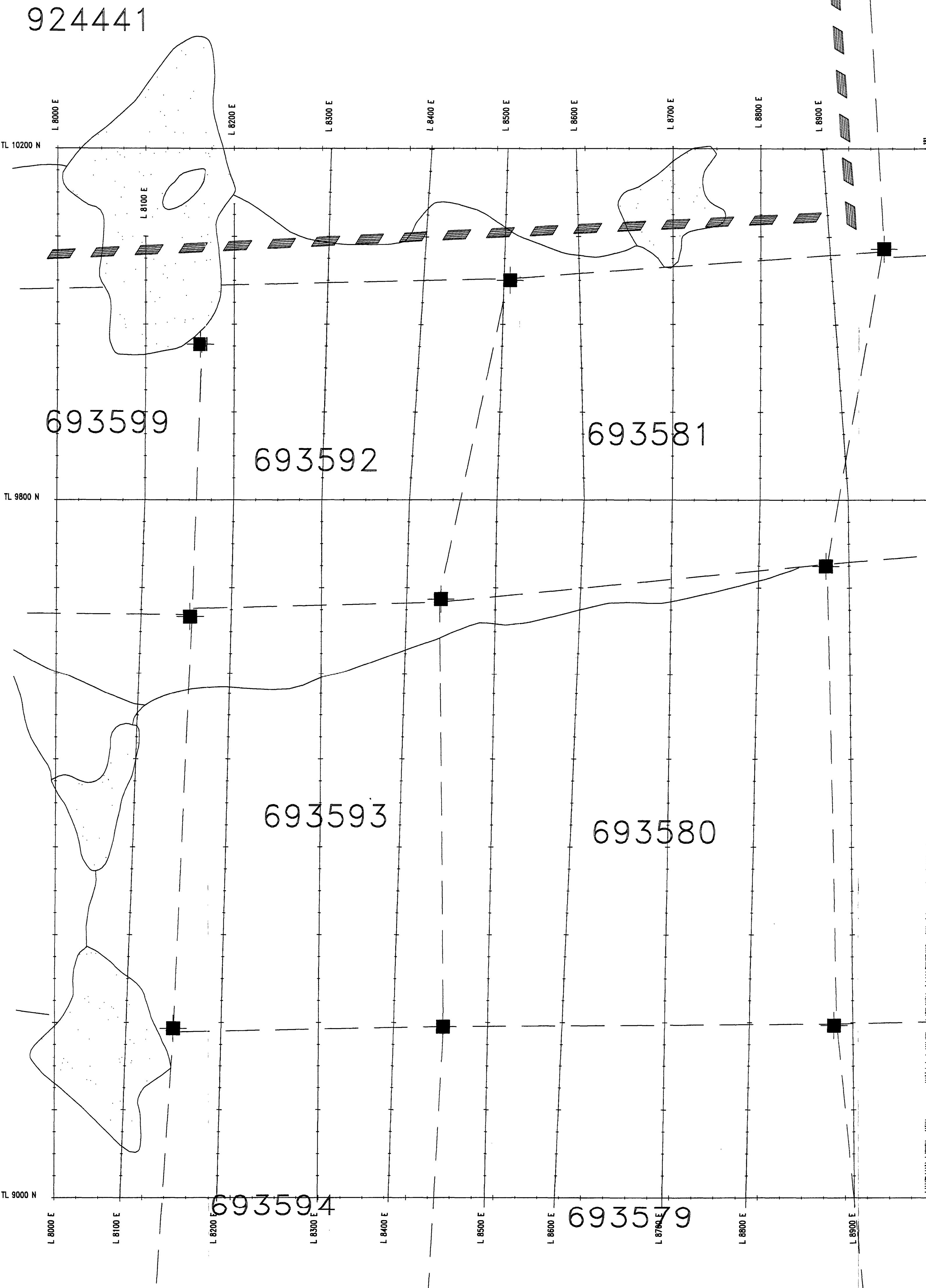
We apologize for the inconvenience.

Problème de conversion de page

Un problème est survenu au moment de balayer la page originale dans ce document. La page n'a donc pu être convertie en format PDF.

Nous regrettons tout inconvénient occasionné par ce problème.





LEGEND

CONTOUR INTERVALS (nanoTesla)

--- 25 between 58000 and 58600 nT
— 100 between 55500 and 60000 nT
- - - - 500
— 2000

Readings = total field - 58200 nT

Instrument: Magnetometer GEM, GSM-19

RIVER GOLD MINES LTD.

EAGLE RIVER MINE PROJECT

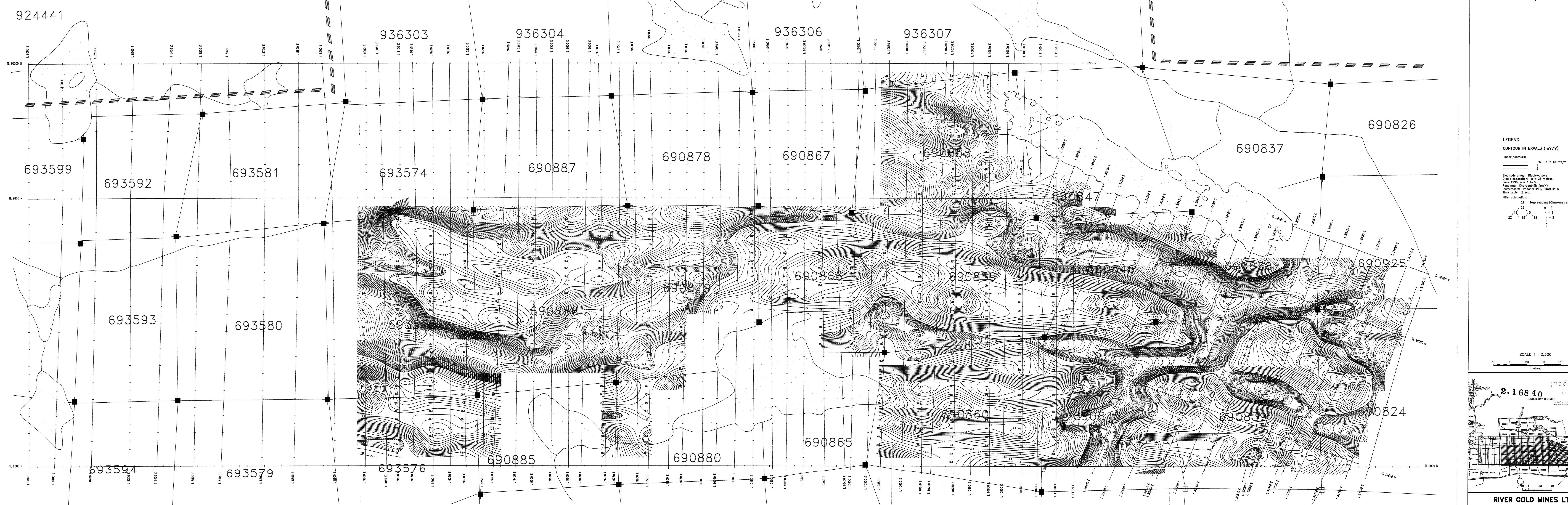
MAGNETIC SURVEY

TOTAL FIELD CONTOURS

VAL D'OR
SAGAX

Interpreted by: P. Boileau, Ing. Date: 07/96

1 : 2,500 Drawing no.: 96-N027-1.1



LTD. PROJECT

ONTOURS

VAL D'OR SAGAX

Date: 07/96

96-N027-4.3

ANSWER *What is the name of the author of the book?*