



2-16338



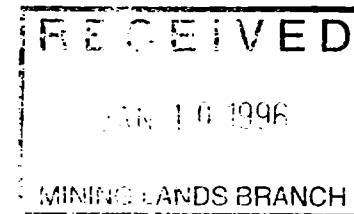
52M01SE0006 2 16338 TODD

010

INDUCED POLARIZATION SURVEY  
Property of  
**PLACER DOME CANADA LIMITED**  
**543-GOLDEN TREE Project**  
Todd Township  
Province of Ontario  
December 1995

P. Boileau      D. Lapointe

Quadrant #  
Q.12+62



95-1251

**PLACER DOME CANADA LIMITED**

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**SUMMARY**

In November 1995, 4.3 line-km of induced polarization and resistivity survey were carried out on a property owned by **PLACER DOME CANADA LTD.**, designated **543-GOLDEN TREE Project**, Red Lake area, Northwest Ontario.

The survey was designed to locate geophysical anomalies potentially caused by sulphide-rich zones favorable for precious and/or base metal deposits.

The survey detected a few moderate to strong anomalous I.P. responses characterized by moderate to strong chargeability effects locally associated with well-marked resistivity decreases.

Recommendations for further work include detail geological mapping followed by diamond drilling.





010C

PLACER DOME CANADA LIMITED

i

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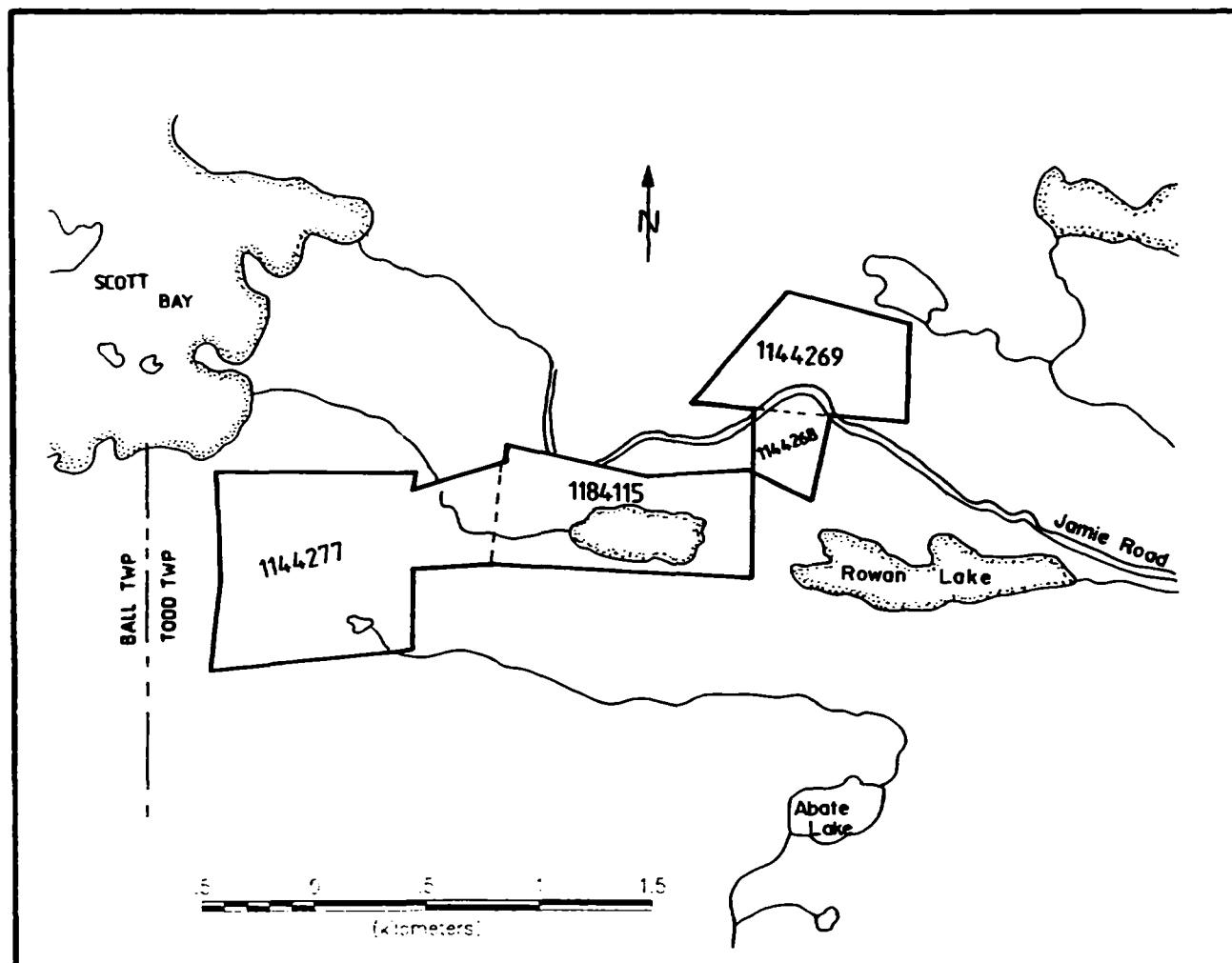
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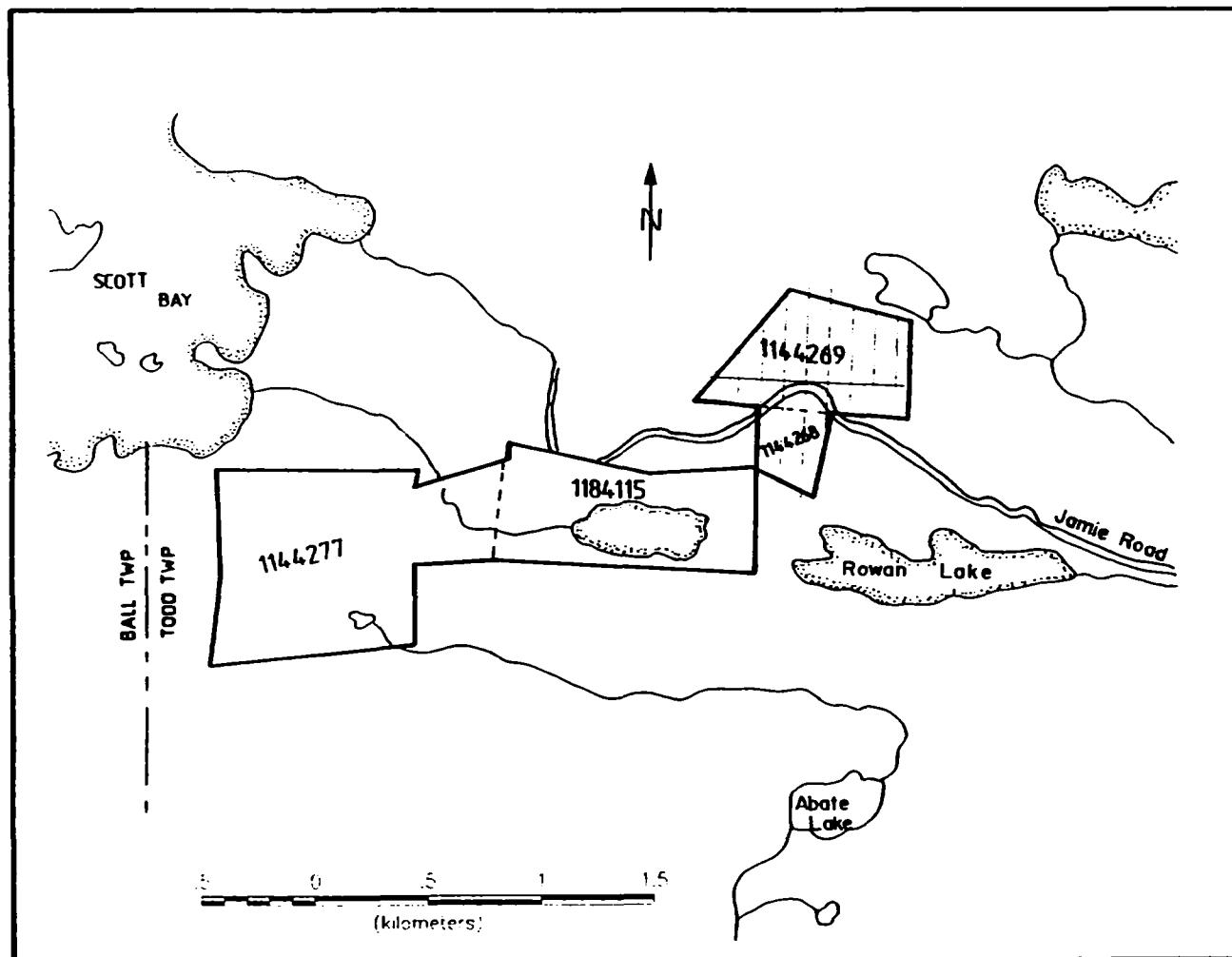


**PLACER DOME CANADA LTD.**

**543-GOLDEN TREE Project**

**Figure #1: Index of claims**





PLACER DOME CANADA LTD.

543-GOLDEN TREE Project

Figure #2: Survey area



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## **INTRODUCTION**

In November 1995, an induced polarization and resistivity survey was carried out on a property owned by **PLACER DOME CANADA LTD**, namely the **543-GOLDEN TREE Project**, located in Todd Township, Northwest Ontario.

The survey was designed to locate geophysical anomalies potentially caused by sulphide-rich zones favorable for precious and/or base metal deposits.

## **PROPERTY, LOCATION AND ACCESS**

The **543-GOLDEN TREE Project** is located approximately 20 kilometres W.NW of Red Lake, in Todd Township, Northwest Ontario. The survey area is accessible in winter from Red Lake via secondary roads, first by truck and then by snowmobile ( $\approx$  25 Km).

The mineral exploration permits are owned by **PLACER DOME CANADA LTD** and are registered with the Ministry of Northern Development and Mines of Ontario. These permits are presented in figure #1 of this report.



## GEOPHYSICAL SURVEY

From November 25th to 28th 1995, 4,3 line-kilometres of induced polarization survey were performed on the property.

## SURVEY SPECIFICATIONS AND INSTRUMENTATION

The geophysical survey was carried out along a network of N-S picket lines, spaced every 100 metres and chained with stations marked every 25 metres.

The induced polarization and resistivity survey was conducted with an IP-6 time-domain receiver manufactured by BRGM (IRIS) and with an IPT-1 transmitter using a 1,0 kW MG-1 motor generator. A dipole-dipole array was used with a 25 metres electrode separation ( $a$ ). Primary voltage and chargeability effects were measured every 25 metres for dipole separations ( $n$ ) of 1 to 6 with precisions of 0,1 mV and 0,1 mV/V respectively.

## RESULTS AND INTERPRETATION

The apparent resistivities measured on the property are quite variable with values ranging from less than 500 ohm.m where the overburden is thicker and conductive to more than 10 000 ohm.m, as seen in most places, where the rock is close to the surface. However the well-marked and strong resistivity lows encountered in a few places are thought to be possibly caused by bedrock conductors.



On the other hand, the chargeability effects collected during the survey present a moderate background of 2 to 10 mV/V within which values of 10 to more than 50 mV/V were measured.

The survey thus detected several anomalous responses usually characterized by moderate to strong chargeability effects locally associated with what seems to be strong resistivity decreases inserted in areas of generally high resistivities. Most of these responses appear to constitute a few anomalous zones showing E-W to W.NW-E.SE orientations.

The best responses were outlined on lines 101E, 102E and 106E where strong chargeability effects of 20 to 40 mV associated with strong resistivity decreases were measured; this type of anomaly could be explained by massive to semi-massive mineralization constituting likely a bedrock conductor.

As for the other responses, they are usually and mainly characterized by moderate to strong chargeability effects (20 to 50 mV/V) with little or no resistivity decreases, and could be explained by disseminated to stringer but poorly conductive mineralization.



**CONCLUSION AND RECOMMENDATIONS**

The induced polarization survey executed on the 543-GOLDEN TREE Project permitted the detection of a few moderate to strong anomalous zones showing a general E-W orientation.

It is recommended to execute on the property a detail geological survey, with rock stripping and sampling, particularly in areas of high resistivities ( $\geq 10\,000\ \text{ohm}$ ) where the bedrock likely outcrops, in order to try to explain the different anomalous zones delineated by the present survey. Recommendations for further work should consist of diamond drilling to test all zones of interest which will remain unexplained.

Respectfully submitted,  
VAL D'OR GEOPHYSICS LTD.

By: *Pierre Boileau*  
Pierre Boileau, B. Eng.  
Consulting Geophysicist

And by: Daniel Lavoie, M.Sc  
Geophysicist



**CERTIFICATE**

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

I reside at 1725 Duchesne, Val d'Or, Quebec, since 1981.

I am a graduate of Ecole Polytechnique, Universite de Montreal, Quebec 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 Ingenieurs du Quebec, the Quebec Prospector Association, the Prospector & Developers Association of Canada, the Society of Exploration Geophysicist 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  
**PLACER DOME CANADA LTD.**

Signed in Val d'Or, this December 13, 1995.

Pierre Boileau, P.Eng.  
Consulting Geophysicist



CERTIFICATE

2.16338

THIS IS TO CERTIFY THAT:

I have resided at 603 du Portage, 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.

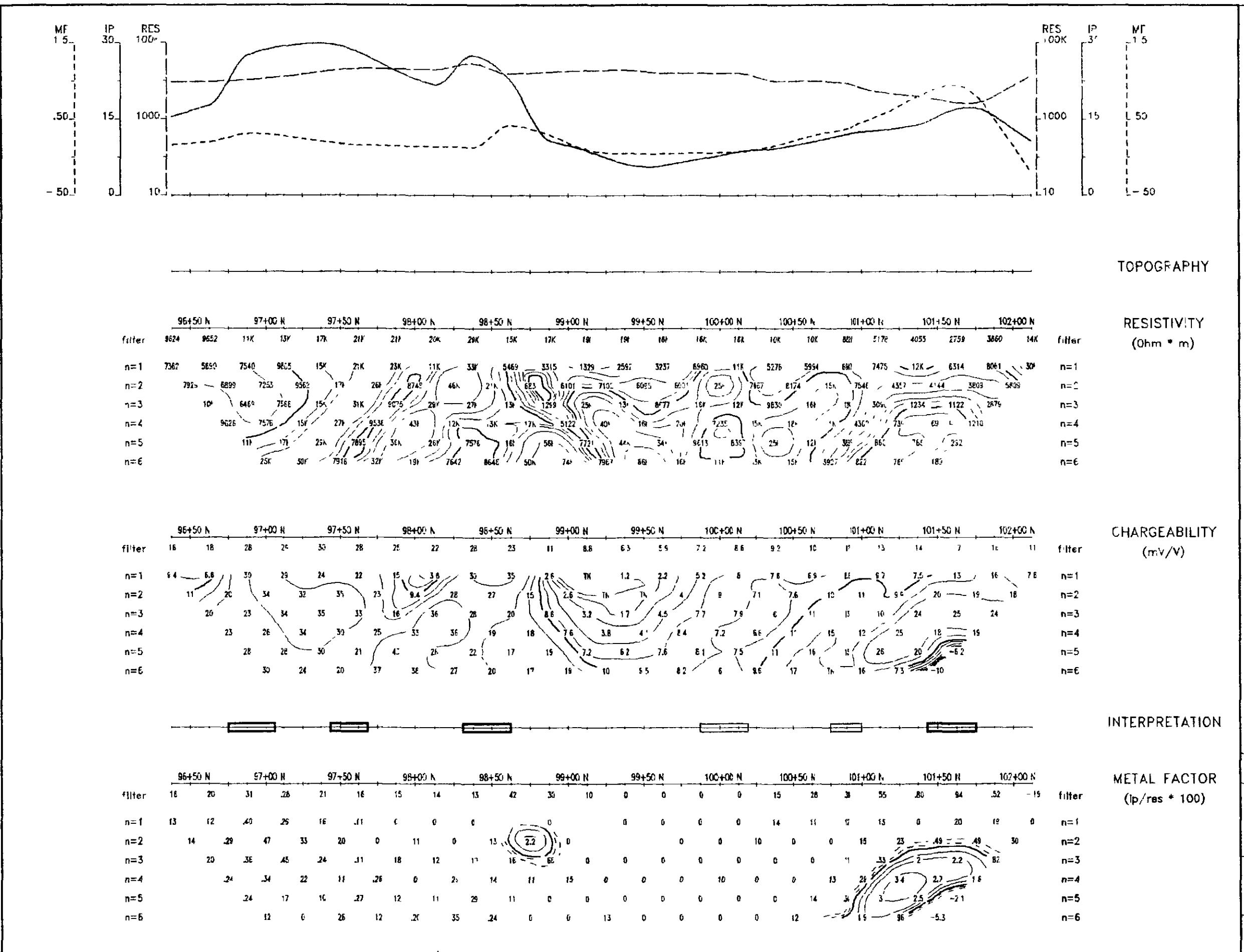
I have been engaged in my profession for the 10 years.

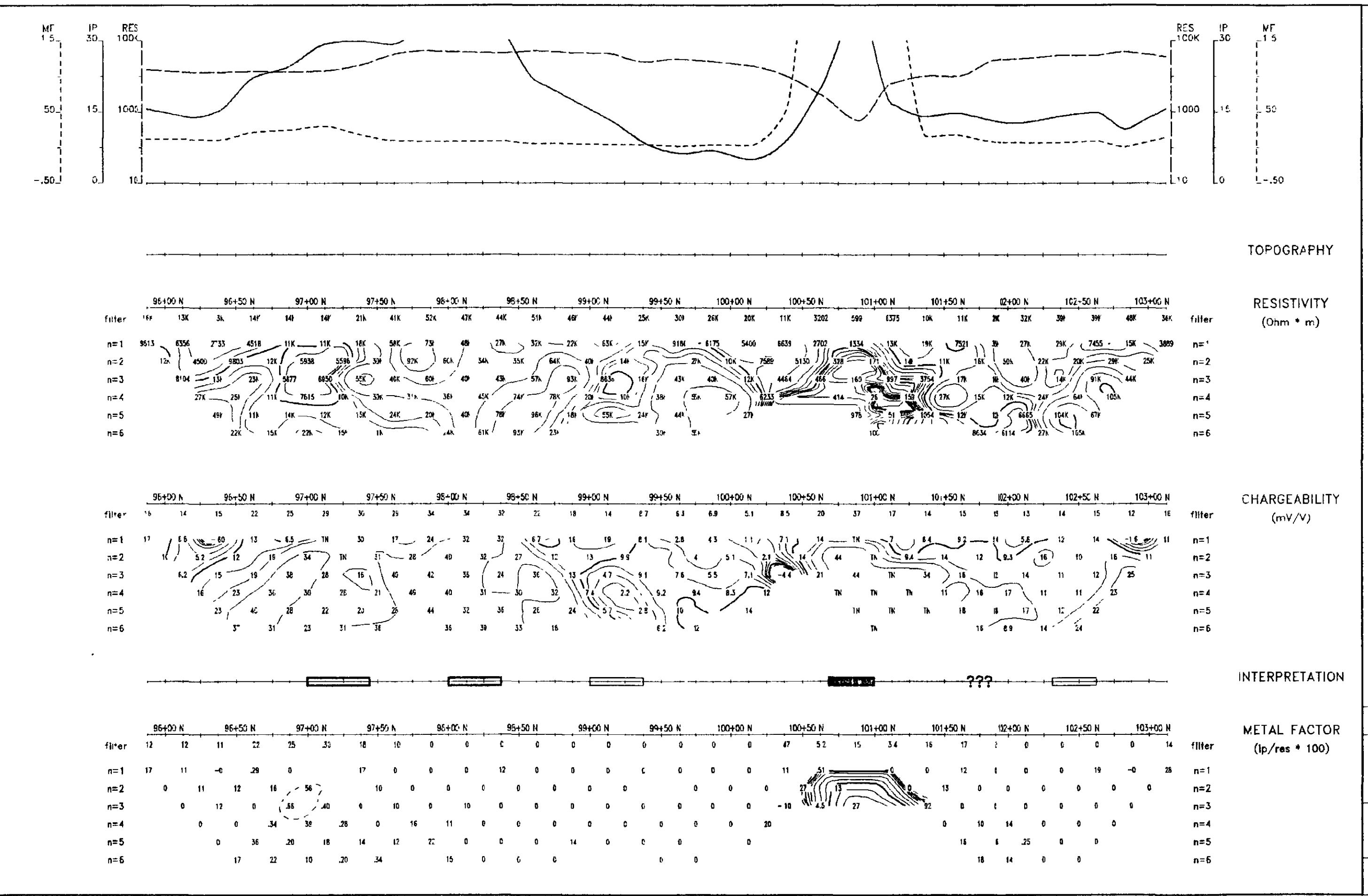
I have not received or expect to receive an interest, direct or indirect, in the property of PLACER DOME CANADA LTD, nor beneficially own, directly or indirectly, any securities of that company. I am not an insider or a company having an interest in the subject property nor any other property in the immediate area.

Signed in Val d'Or, this December 13th, 1995.

  
Daniel Lapointe,  
Geophysicist, M.Sc.

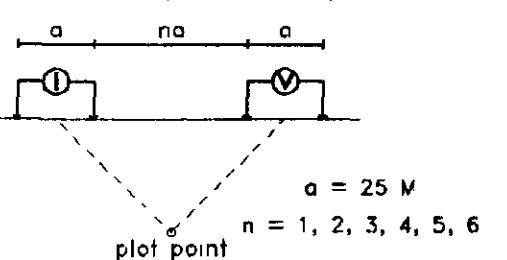






Line 10100 E

Dipole-Dipole Array



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: Gérard Couture

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?

Induced Polarization Survey

PLACER DOME CANADA LTD

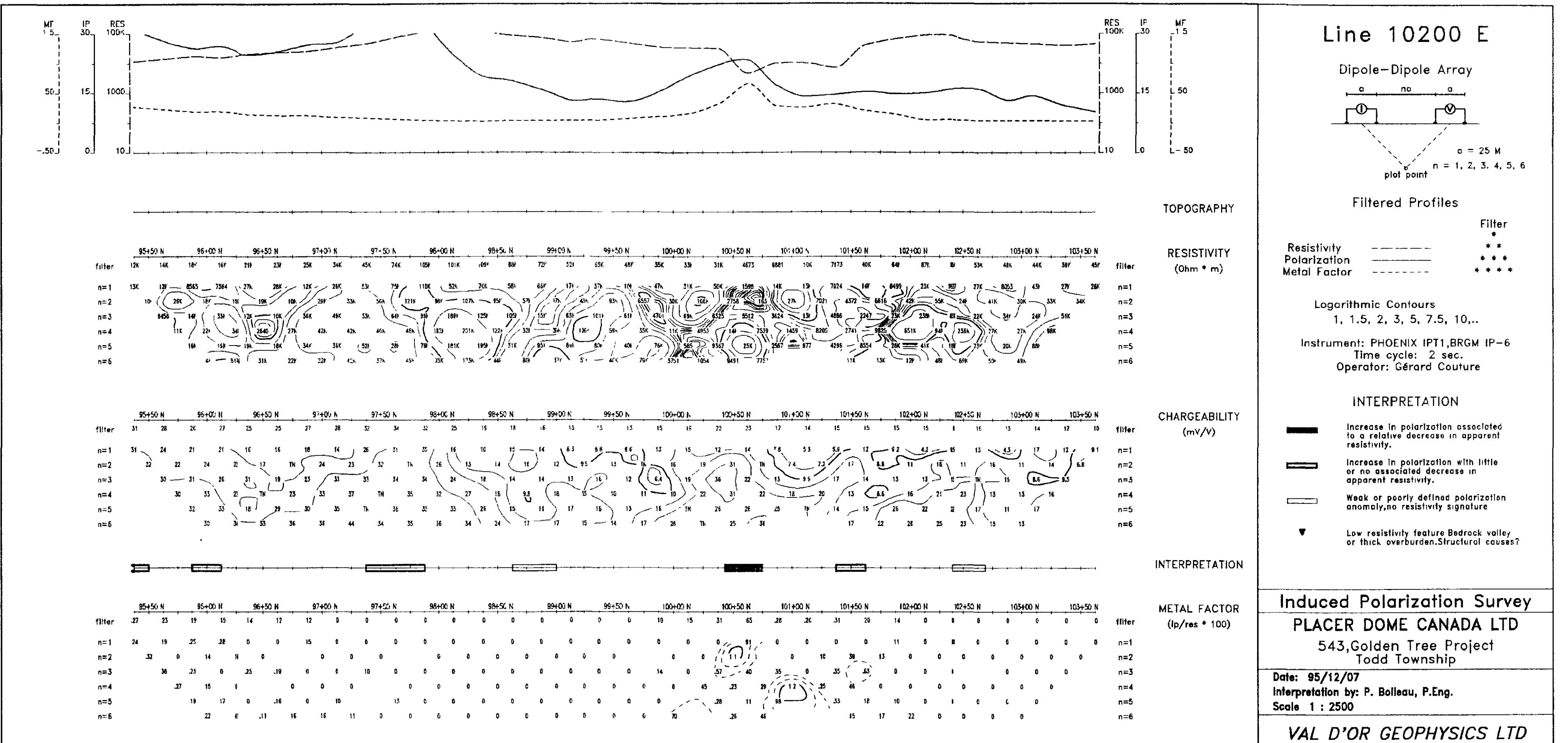
543, Golden Tree Project  
Todd Township

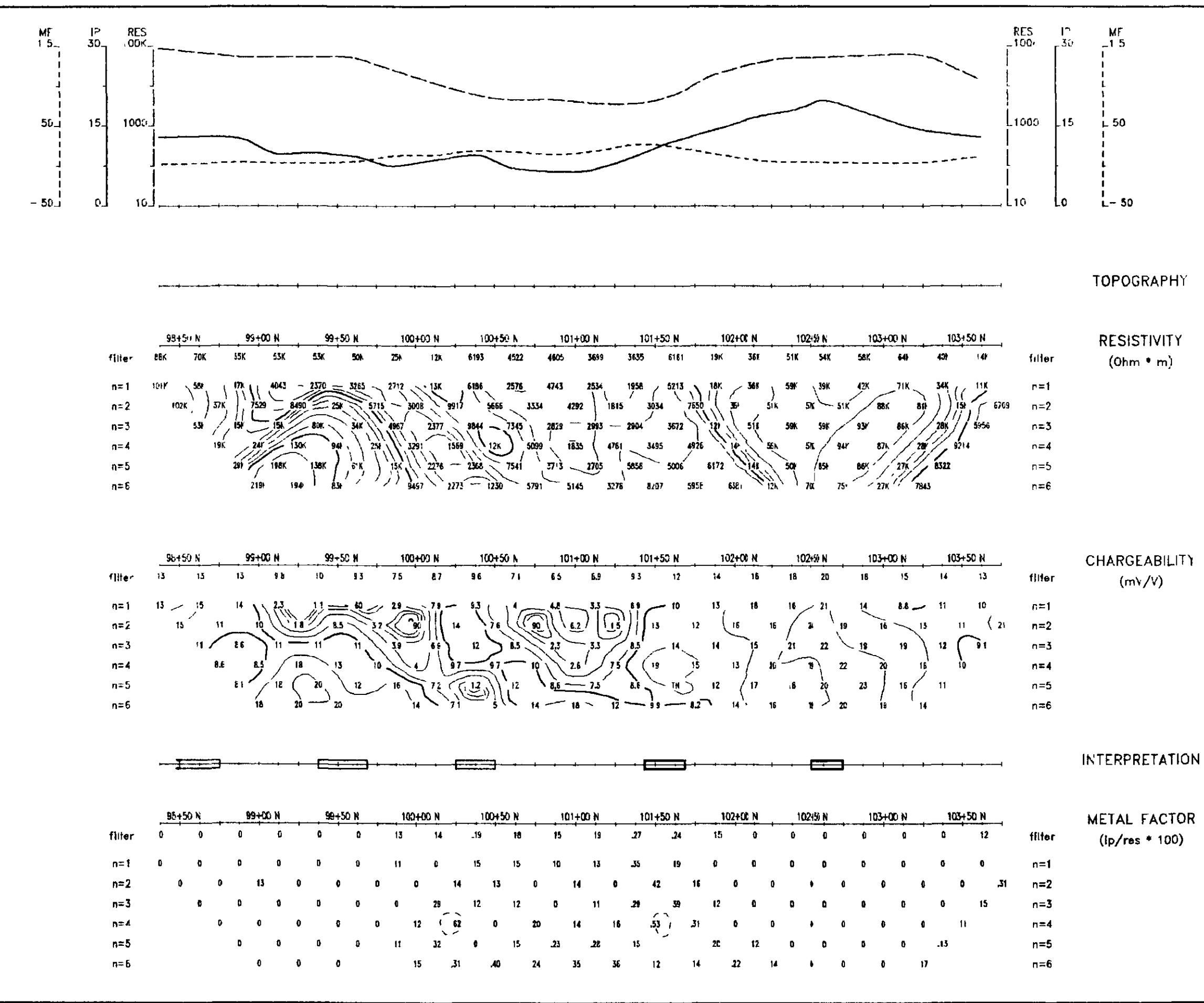
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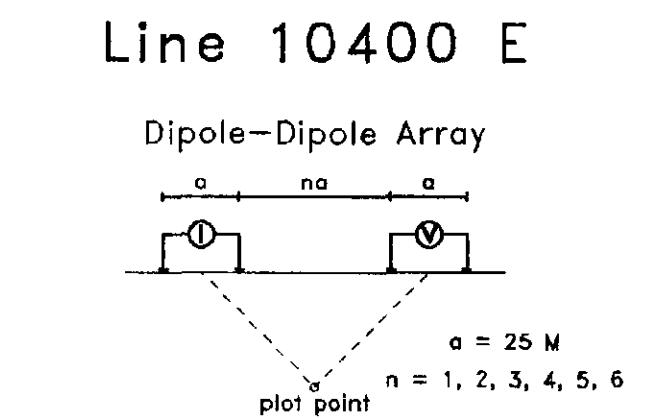
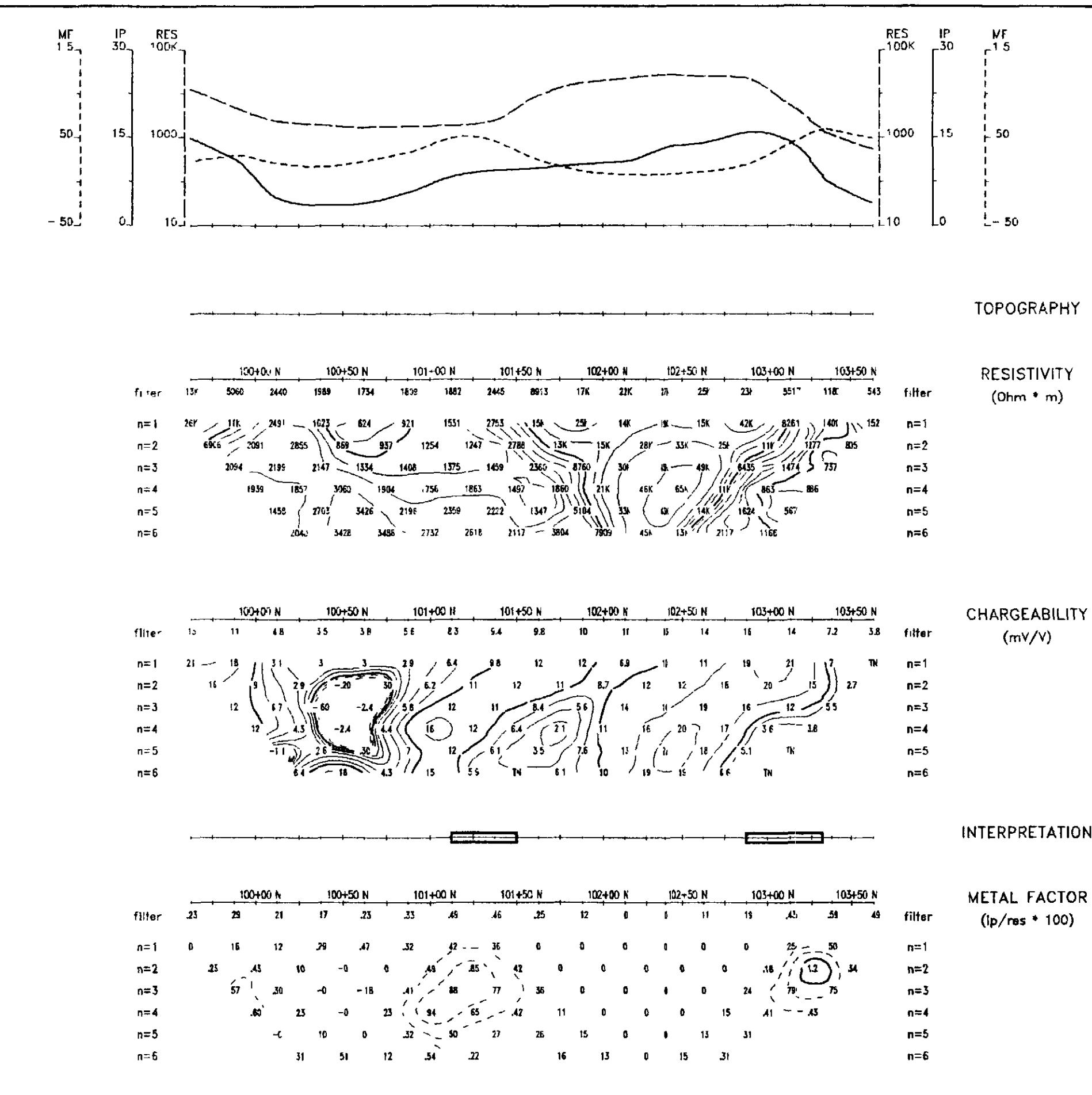
Interpretation by: P. Boileau, P.Eng.

Scale 1 : 2500

VAL D'OR GEOPHYSICS LTD







**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:** Gérard Couture

**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?

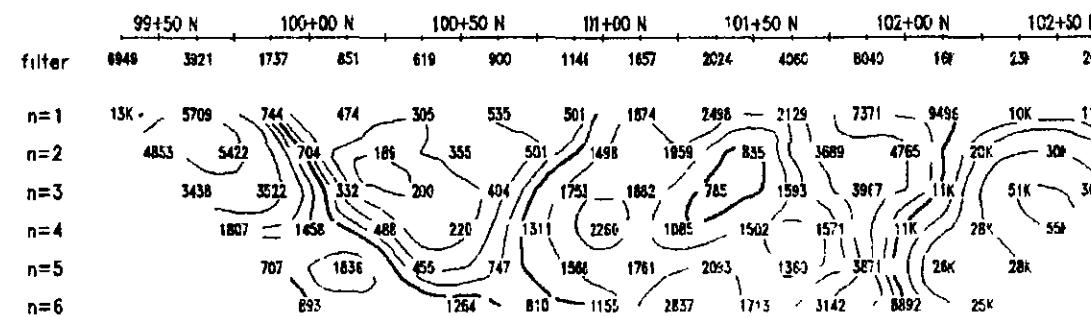
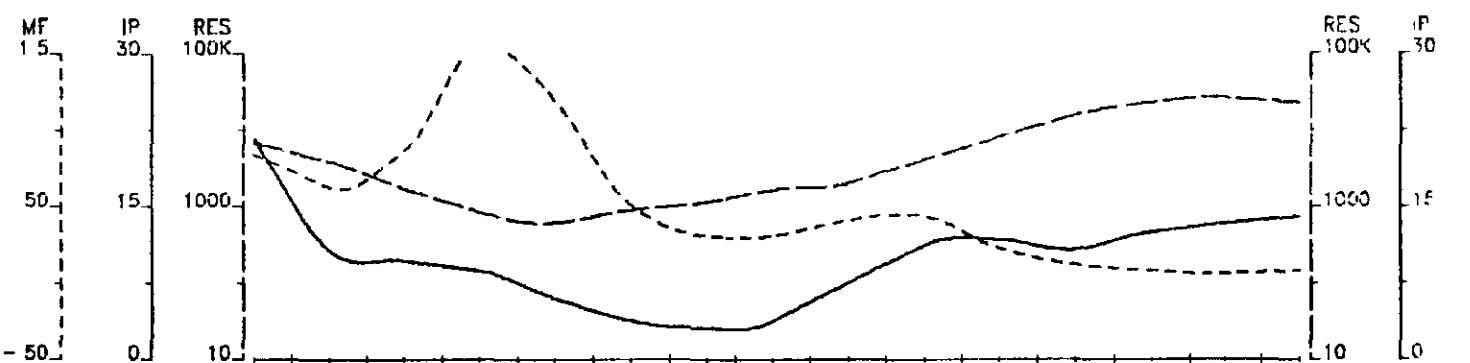
**Induced Polarization Survey**

**PLACER DOME CANADA LTD**

543, Golden Tree Project  
Todd Township

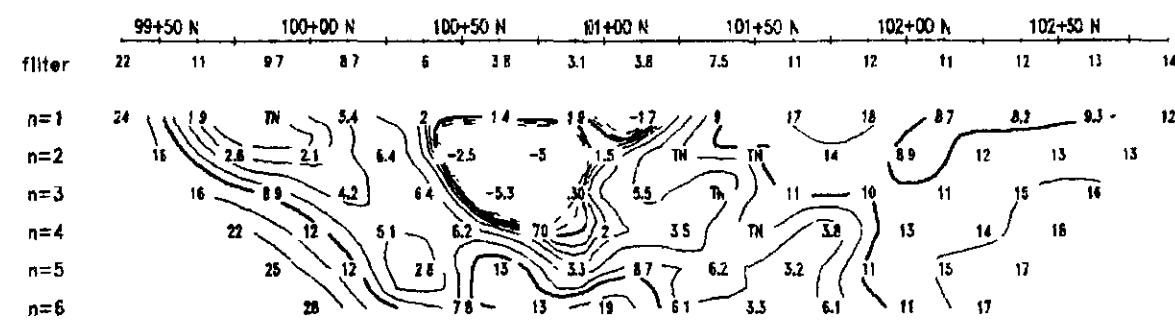
Date: 95/12/07  
Interpretation by: P. Boileau, P.Eng.  
Scale 1 : 2500

**VAL D'OR GEOPHYSICS LTD**

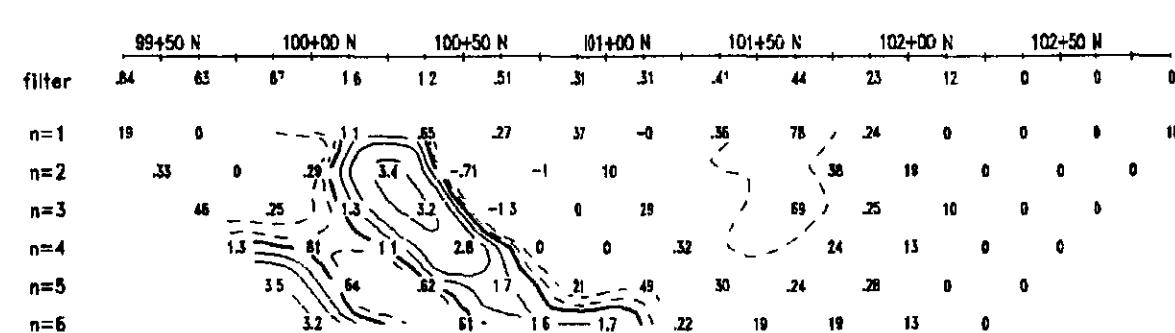


#### TOPOGRAPHY

#### RESISTIVITY (Ohm \* m)



#### CHARGEABILITY (mV/V)



#### 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?

#### Induced Polarization Survey

**PLACER DOME CANADA LTD**

543,Golden Tree Project  
Todd Township

Date: 95/12/07

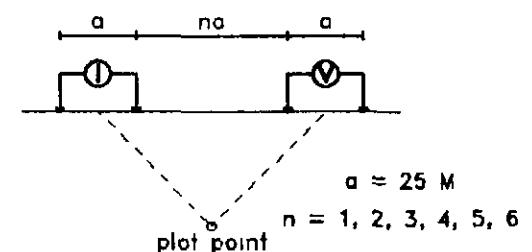
Interpretation by: P. Belieu, P.Eng.

Scale 1 : 2500

**VAL D'OR GEOPHYSICS LTD**

#### Line 10500 E

##### Dipole-Dipole Array



##### 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: Gérard Couture

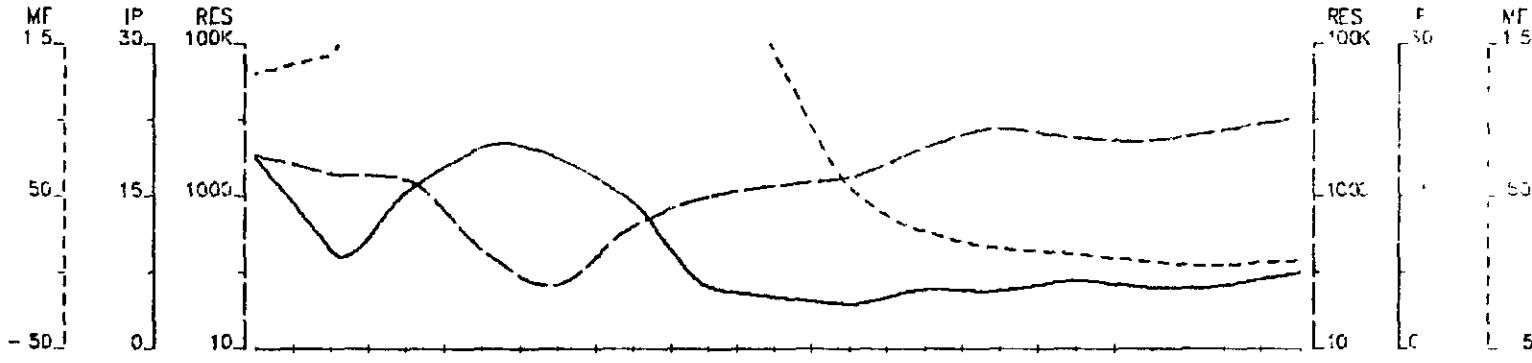
##### INTERPRETATION

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

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

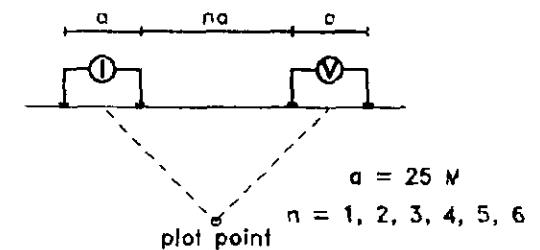
Weak or poorly defined polarization anomaly, no resistivity signature

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

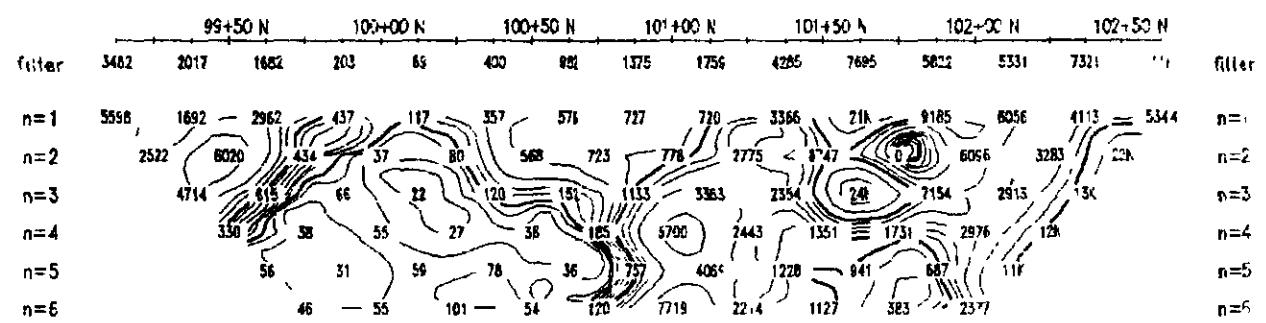


## Line 10600 E

Dipole-Dipole Array



### TOPOGRAPHY



### RESISTIVITY ( $\Omega\text{m}$ )

Filter

- \* -----
- \*\* -----
- \*\*\* -----
- \*\*\*\* -----

Resistivity

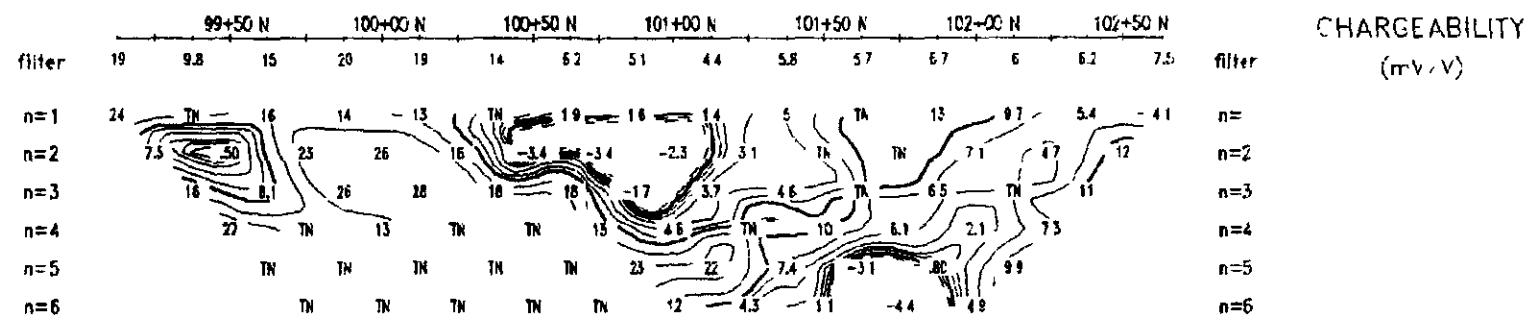
Polarization

Metal Factor

Logarithmic Contours

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

Instrument: PHOENIX IPT1, BRGM IP-6  
Time cycle: 2 sec.  
Operator: Gérard Couture



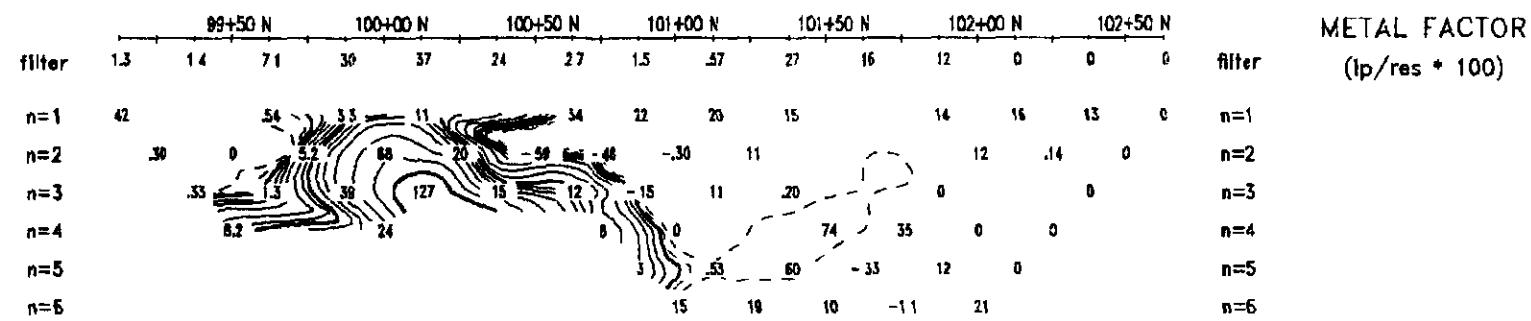
### CHARGEABILITY (mV/V)

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 ( $\text{Ip}/\text{res} * 100$ )

## Induced Polarization Survey

PLACER DOME CANADA LTD

543, Golden Tree Project  
Todd Township

Date: 95/12/07

Interpretation by: P. Belneau, P.Eng.

Scale 1 : 2500

VAL D'OR GEOPHYSICS LTD



Ministry of  
Northern Development  
and Mines  
Ontario

# Report of Work Conducted After Recording Claim

Mining Act

Transaction Number

W9520.00081

2.16338

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. This collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, 130 Adelaide Street West, Suite 3201, Toronto, ON M5H 3P5, telephone (416) 363-4962.



52M01SE0006 2 16338 TODD

900

- Instructions:**
- Please type or print and submit in duplicate.
  - Refer to the Mining Act and Regulations for required recorder.
  - A separate copy of this form must be completed for each Work Group.
  - Technical reports and maps must accompany this form in duplicate.
  - A sketch, showing the claims the work is assigned to, must accompany this form.

|                     |                                                                        |                   |                 |                   |
|---------------------|------------------------------------------------------------------------|-------------------|-----------------|-------------------|
| Recorded Holder(s)  | PLACER DOME CANADA LIMITED                                             |                   | Client No.      | 300210            |
| Address             | SUITE 3201, 130 ADELAIDE STREET WEST, P.O. BOX 43, TORONTO, ON M5H 3P5 |                   | Telephone No.   | (416) 363-4962    |
| Mining Division     | Township/Area                                                          | RED LAKE          | M or G Plan No. | G-1789            |
| Date Work Performed | From:                                                                  | NOVEMBER 20, 1995 | To:             | NOVEMBER 28, 1995 |

## Work Performed (Check One Work Group Only)

| Work Group                                                 | Type                            |
|------------------------------------------------------------|---------------------------------|
| <input checked="" type="checkbox"/> Geotechnical Survey    | LINECUTTING, GEOPHYSICAL SURVEY |
| <input type="checkbox"/> Physical Work, Including Drilling |                                 |
| <input type="checkbox"/> Rehabilitation                    |                                 |
| <input type="checkbox"/> Other Authorized Work             |                                 |
| <input type="checkbox"/> Assays                            |                                 |
| <input type="checkbox"/> Assignment from Reserve           |                                 |

RECEIVED  
JAN 10 1996  
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs \$ 9627.00

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                                    |
|-------------------------------------------|--------------------------------------------|
| P. Boileau/J LARINTE Val d'Or Geophysique | 50 boul. Lamagne, Val d'Or, Quebec 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) |
|                                                                                                                                                                                                          | Dec 20/95 | STUART J. DEVEAU                     |

## 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

|                                                                   |                |                          |
|-------------------------------------------------------------------|----------------|--------------------------|
| STUART J. DEVEAU, 212 HAMMELL ROAD, Box 499, RED LAKE, ON P0V 2M0 |                |                          |
| Telephone No.: (807) 727-3066                                     | Date           | Certified by (Signature) |
| Ext: (807) 663-2236                                               | December 20/95 | STUART J. DEVEAU         |

## For Office Use Only

|                                        |               |                  |                                                |
|----------------------------------------|---------------|------------------|------------------------------------------------|
| Total Value Cr. Recorded               | Date Recorded | Mining Recorder  | Received Stamp                                 |
| \$ 9627.00                             | Dec 20/95     | Barbara Thompson | RECEIVED<br>JAN 10 1996<br>MINING LANDS BRANCH |
| Deemed Approval Date                   | Date Approved |                  |                                                |
| Mar 20/96                              |               |                  |                                                |
| Date Notice for Amendments Sent        |               |                  |                                                |
| Feb 18, 19, 20, 21, 22, 23, 24, 25, 26 |               |                  |                                                |

| Work Report Number for Applying Reserve | Claim Number (see Note 2) | Number of Claim Units |
|-----------------------------------------|---------------------------|-----------------------|
|                                         | 1144268                   | 1                     |
|                                         | 1144269                   | 2                     |
|                                         | 1184115                   | 4                     |
|                                         | 1144277                   | 6                     |

| Total Number of Claims | Total Value Work Done | Total Value Work Applied | Value of Assessment Work Done on this Claim | Value Applied to this Claim |
|------------------------|-----------------------|--------------------------|---------------------------------------------|-----------------------------|
| 4                      | 9627                  | 9627                     | 2310                                        | 1200                        |
|                        |                       |                          | 7317                                        | 2400                        |
|                        |                       |                          | 0                                           | 3200                        |
|                        |                       |                          | 2827                                        |                             |

| Total Assigned From | Total Reserve | Value Assigned from this Claim | Reserve: Work to be Claimed at a Future Date |
|---------------------|---------------|--------------------------------|----------------------------------------------|
|                     |               | 1110                           |                                              |
|                     |               | 4917                           |                                              |
|                     |               |                                |                                              |
|                     |               |                                |                                              |

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:

- Credits are to be cut back starting with the claim listed last, working backwards.
- 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 | Signature | Date |
|--------------------------------------------------------------------------------------------------------------------------------|-----------|------|



Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des mines

## Statement of Costs for Assessment Credit

## État des coûts aux fins du crédit d'évaluation

### Mining Act/Loi sur les mines

Transaction No./N° de transaction

69520 C.C.C.81

165

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4<sup>e</sup> étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

#### 1. Direct Costs/Coûts directs

| Type                                                                               | Description                                  | Amount Montant | Totals Total global |
|------------------------------------------------------------------------------------|----------------------------------------------|----------------|---------------------|
| Wages Salaires                                                                     | Labour Main-d'œuvre                          | 2568           |                     |
|                                                                                    | Field Supervision Supervision sur le terrain |                | 2568                |
| Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil | Type                                         | 7059           |                     |
|                                                                                    | C.E.C.P.H.Y.S.I.C.S                          |                |                     |
|                                                                                    |                                              |                | 7059                |
| Supplies Used Fournitures utilisées                                                | Type                                         |                |                     |
|                                                                                    |                                              |                |                     |
|                                                                                    |                                              |                |                     |
|                                                                                    |                                              |                |                     |
| Equipment Rental Location de matériel                                              | Type                                         |                |                     |
|                                                                                    |                                              |                |                     |
|                                                                                    |                                              |                |                     |
| Total Direct Costs Total des coûts directs                                         |                                              | 9627           |                     |

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

#### 2. Indirect Costs/Coûts indirects

\* \* Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work.  
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

| Type                                                                                                               | Description                                                                             | Amount Montant | Totals Total global |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------|---------------------|
| Transportation Transport                                                                                           | Type                                                                                    |                |                     |
|                                                                                                                    |                                                                                         |                |                     |
|                                                                                                                    |                                                                                         |                |                     |
|                                                                                                                    |                                                                                         |                |                     |
| Food and Lodging Nourriture et hébergement                                                                         | RECEIVED                                                                                |                |                     |
| Mobilization and Demobilization Mobilisation et démobilitation                                                     | JAN 10 1996                                                                             |                |                     |
| Sub Total of Indirect Costs Total partie des coûts indirects                                                       |                                                                                         |                |                     |
| Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs) |                                                                                         |                |                     |
| Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)                                    | Valeur totale du crédit d'évaluation (Total des coûts directs et Indirects admissibles) | 9627           | 9627                |

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

#### Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

| Total Value of Assessment Credit | Total Assessment Claimed |
|----------------------------------|--------------------------|
|                                  | x 0.50 =                 |

#### Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

| Valeur totale du crédit d'évaluation | Évaluation totale demandée |
|--------------------------------------|----------------------------|
|                                      | x 0.50 =                   |

#### Attestation de l'état des coûts

J'atteste par la présente :  
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

I hereby certify:  
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.  
that as Agent (Recorded Holder, Agent, Position in Company) I am authorized to make this certification

Et qu'à titre de \_\_\_\_\_ je suis autorisé (titulaire enregistré, représentant, poste occupé dans la compagnie) à faire cette attestation.

|                       |            |
|-----------------------|------------|
| Signature             | Date       |
| <u>John J. Devine</u> | Dec. 20/95 |



Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

April 17, 1996

Geoscience Approvals Office  
933 Ramsey Lake Rd., 6th Floor  
Sudbury, Ontario  
P3E 6B5

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

Mining Recorder  
Ministry of Northern Development and Mines  
Box 5200, 808 Robertson St  
Kenora, Ontario  
P9N 3X9

Our File: 2.16338  
Transaction #: W9520.00081

Dear Mr. Rivett

RE: Approval of Assessment work submitted on Mining Claims 1144268 et al. in the Township(s) of Todd, Hammell lake.

This assessment work report was not assessed prior to the 90 day deemed approval date. Accordingly, as outlined in subsection 6(7) of the Mining Act Regulations, this Report of Work is deemed approved as of April 3, 1996.

If you have any questions regarding this correspondence please contact Blair Kite at (705) 670-5861.

Yours sincerely  
ORIGINAL SIGNED BY

Ron C. Gashinski  
Senior Manager, Mining Lands Section  
Mining and Land Management Branch

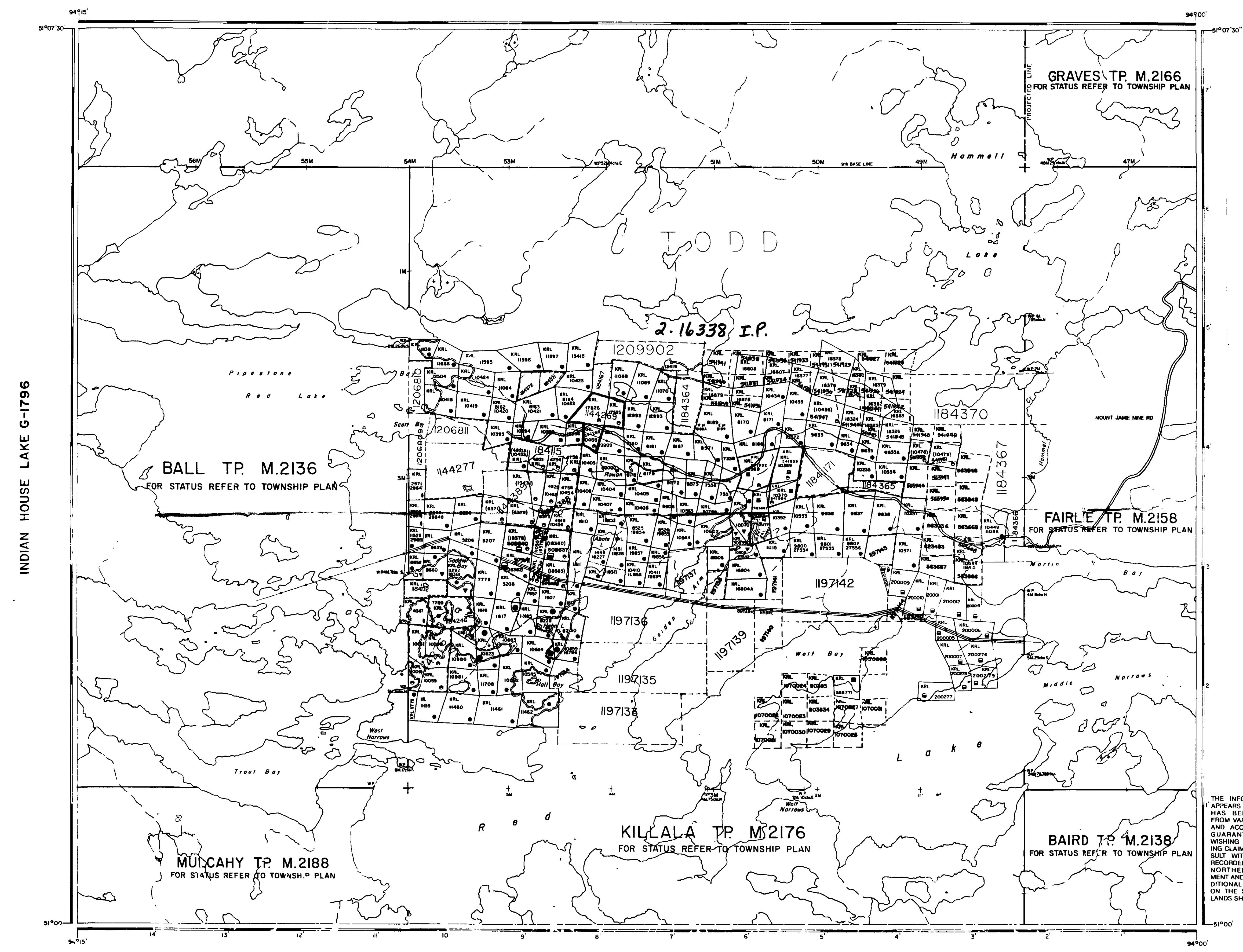
D BK/bk

cc: Resident Geologist, Red Lake  
Assessment Files Office, Sudbury

## REFERENCES

## AREAS WITHDRAWN FROM DISPOSITION

| Description                                    | Order No | Date | Disposition | File |
|------------------------------------------------|----------|------|-------------|------|
| M.R.O. - MINING RIGHTS ONLY                    |          |      |             |      |
| S.R.O. - SURFACE RIGHTS ONLY                   |          |      |             |      |
| M.+S. - MINING AND SURFACE RIGHTS              |          |      |             |      |
| Decription Order No Date Disposition File      |          |      |             |      |
| 1. 06256 W4 / 88 17/08/95 GRAVES 188006 188006 |          |      |             |      |
| 2. Sec. 36 O-1781 11/4/95 M+S 188003 188003    |          |      |             |      |
| 3. 06256 M+R 10/10/95 GRAVES 188005 188005     |          |      |             |      |
| 4. Sec. 36 O-1781 11/4/95 M+S 188004 188004    |          |      |             |      |



NO OPENING 100' X 100' ONLY NOV 28/95

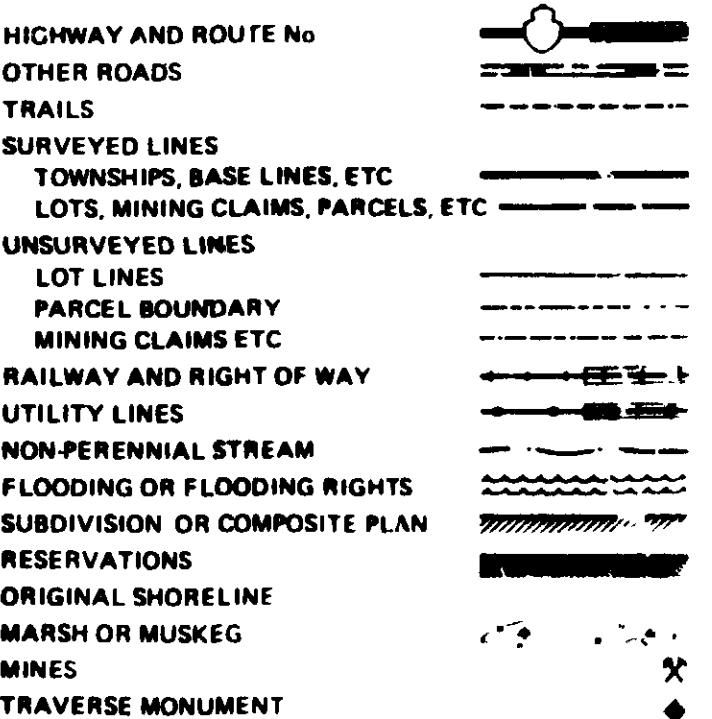
RED LAKE MINING DIVISION  
DEC 28 1995  
RED LAKE, ONTARIO

## FOREST ACTIVITY INFORMATION

THIS TOWNSHIP AREA FALLS WITHIN THE RED LAKE CROWN

AND MAY BE SUBJECT TO FORESTRY OPERATIONS.  
THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT:P.O. BOX 5003  
RED LAKE, ONTARIO P0V 2M0  
(807) 727-2253

## LEGEND



## DISPOSITION OF CROWN LANDS

| TYPE OF DOCUMENT                | SYMBOL |
|---------------------------------|--------|
| PATENT, SURFACE & MINING RIGHTS | ●      |
| " SURFACE RIGHTS ONLY           | ○      |
| " MINING RIGHTS ONLY            | ○      |
| LEASE SURFACE & MINING RIGHTS   | ■      |
| " SURFACE RIGHTS ONLY           | ○      |
| " MINING RIGHTS ONLY            | ○      |
| LICENCE OF OCCUPATION           | △      |
| ORDER-IN-COUNCIL                | ○      |
| RESERVATION                     | ○      |
| CANCELLED                       | ○      |
| SAND & GRAVEL                   | ○      |

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8, 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT P.B.O. 1970 CHAP 380 SEC 83 SUBSEC 1

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 3000 4000 5000 6000  
METRES 0 200 400 600 800 1000 1200

## AREA

## HAMMELL LAKE

## M.N.R. ADMINISTRATIVE DISTRICT

RED LAKE

MINING DIVISION

RED LAKE

LAND TITLES / REGISTRY DIVISION

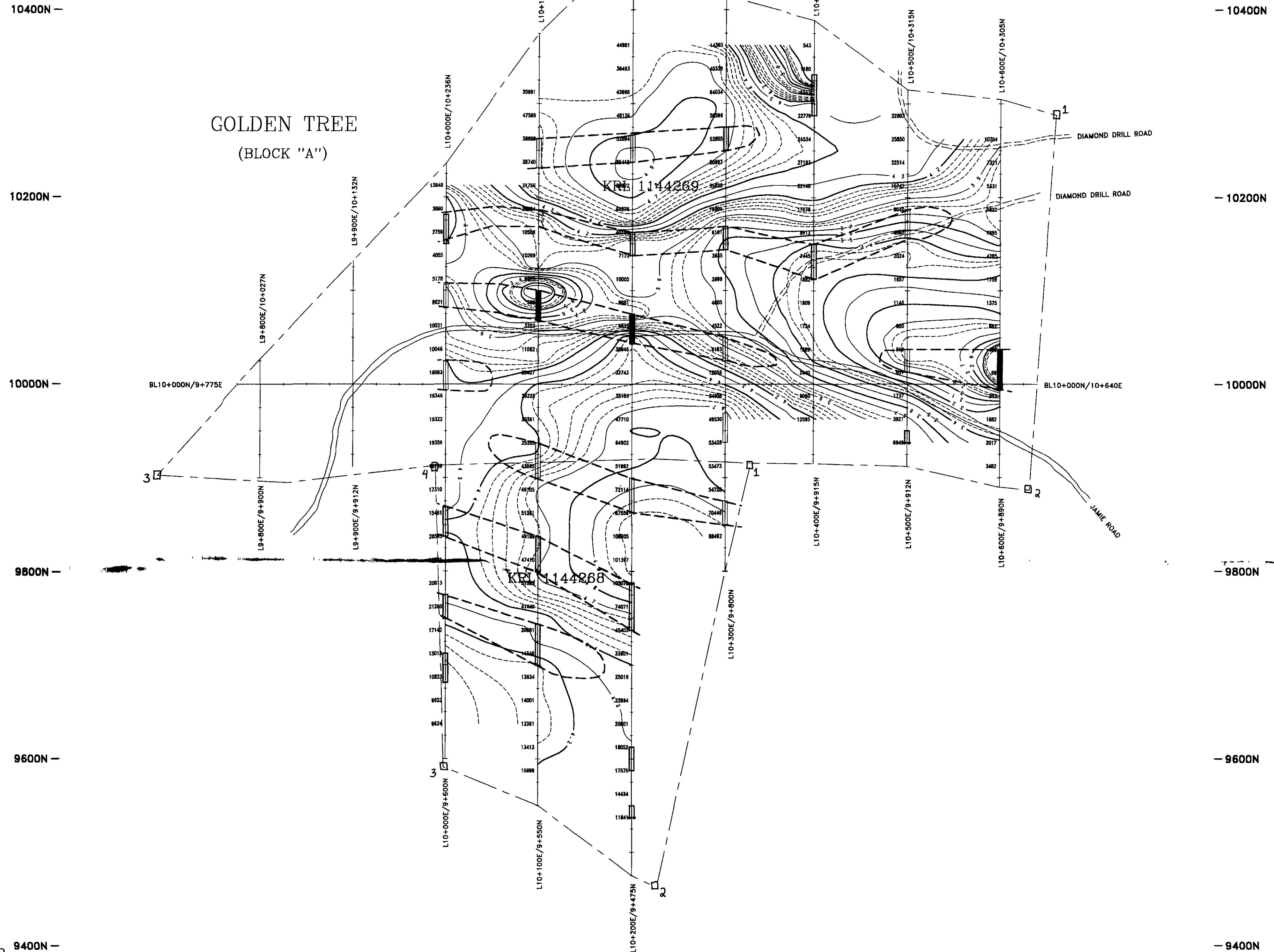
KENORA / PATRICIA

Ministry of Land Management  
Ontario Resources Branch

Date: FEBRUARY 14, 1983

Number: G-1789





#### LEGEND

**INTERPRETATION**

- Unit of higher polarization associated with relative decrease in the apparent resistivity.
- Well-connected, conductive metallic mineralization.
- Stringer sulfides in a strongly sheared shear zone.
- Unit of higher polarization with little or no associated decrease of the apparent resistivity.
- Stringer or disseminated, poorly conductive minerals. Massive magnetite. Micaceous minerals.
- Weak or poorly defined polarization anomaly, no apparent signature of resistivity. Thin discontinuous veins of metallic minerals.
- Magnetite, clay or micaceous minerals.
- High resistivity feature. Bedrock ridge, thicker overburden, high resistivity unit.
- Low resistivity feature. Bedrock valley, thinner overburden, low resistivity unit.
- Possible tectonic or structural causes.

#### GENERAL

- ~~~~~ Interpreted shear zone.
- ~~~~~ Interpreted fault.

#### CONTOUR INTERVALS (Ohm \* m)

Logarithmic contours:

- - - 0.1
- - - 0.2
- - - 0.5

Electrode array: Dipole-dipole

$a = 25 \text{ M}$   $n = 1, 2, 3, 4$

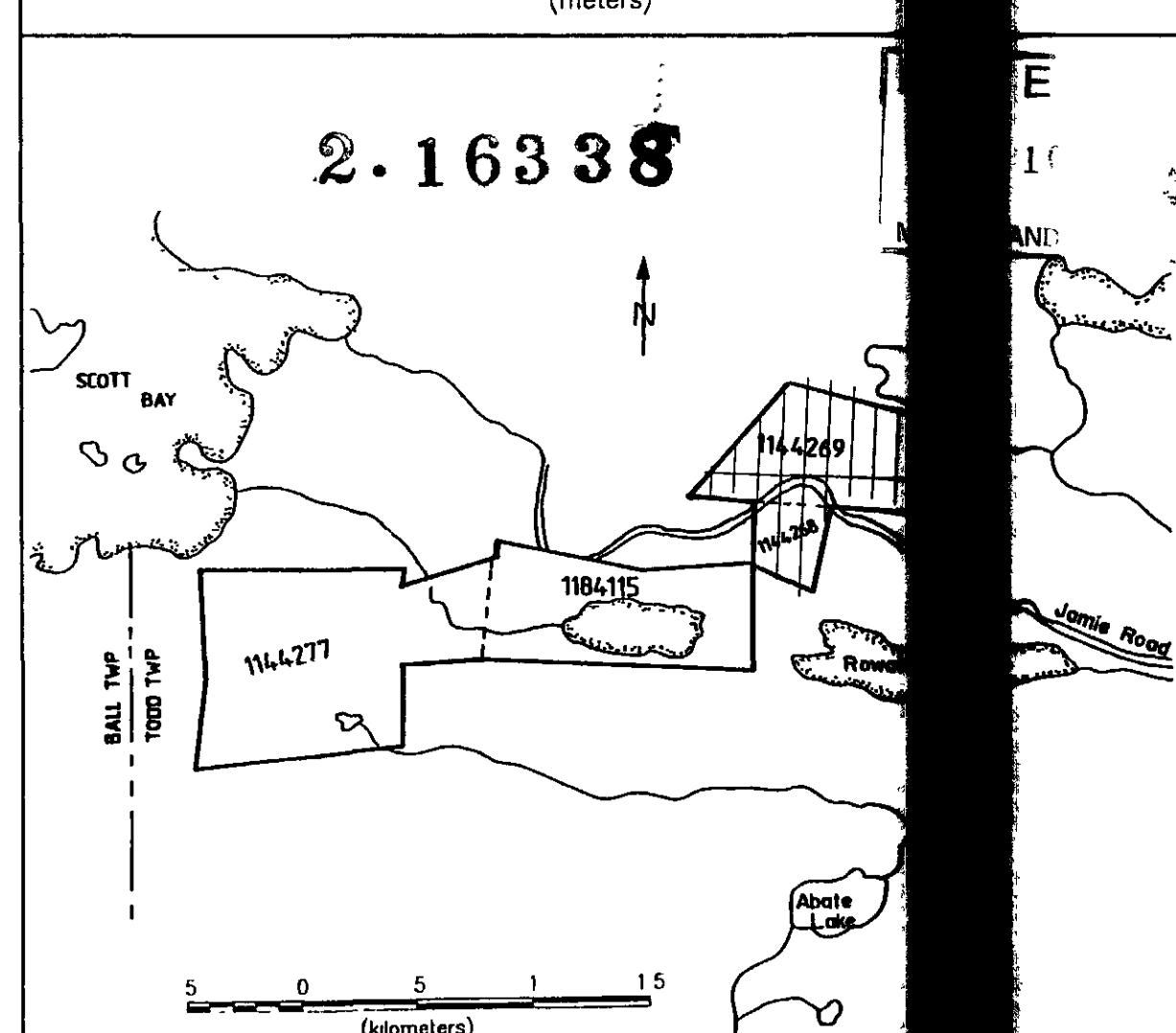
Instrument: PHOENIX IPT1, BRGM IP-6

Time cycle: 2 sec.

#### Claim Posts

SCALE 1 : 2 500

50 0 50 100 150  
(meters)



#### PLACER DOME CANADA 543, GOLDEN TREE PROJECT

#### INDUCED POLARIZATION SURVEY RESISTIVITY CONTOURS (FILTERED)

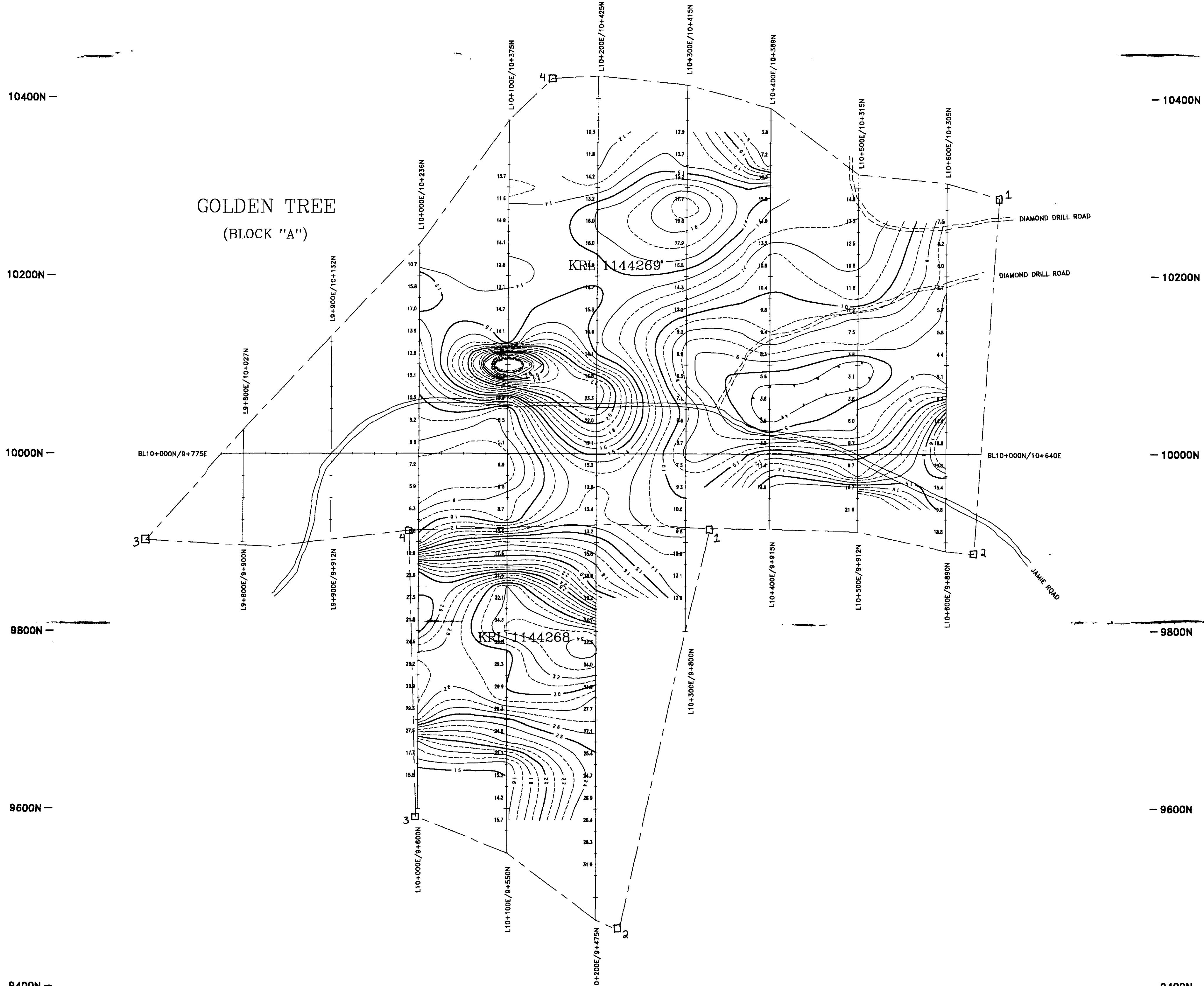
VAL D'OR GEOPHYSICS LTD

Interpreted by : P. Boileau, P.Eng.

2/95

Scale 1 : 2 500 Drawing no: S-1-4.2

N



#### LEGEND

#### CONTOUR INTERVALS (mV/V)

Linear contours:

— - - 1

— - - 2

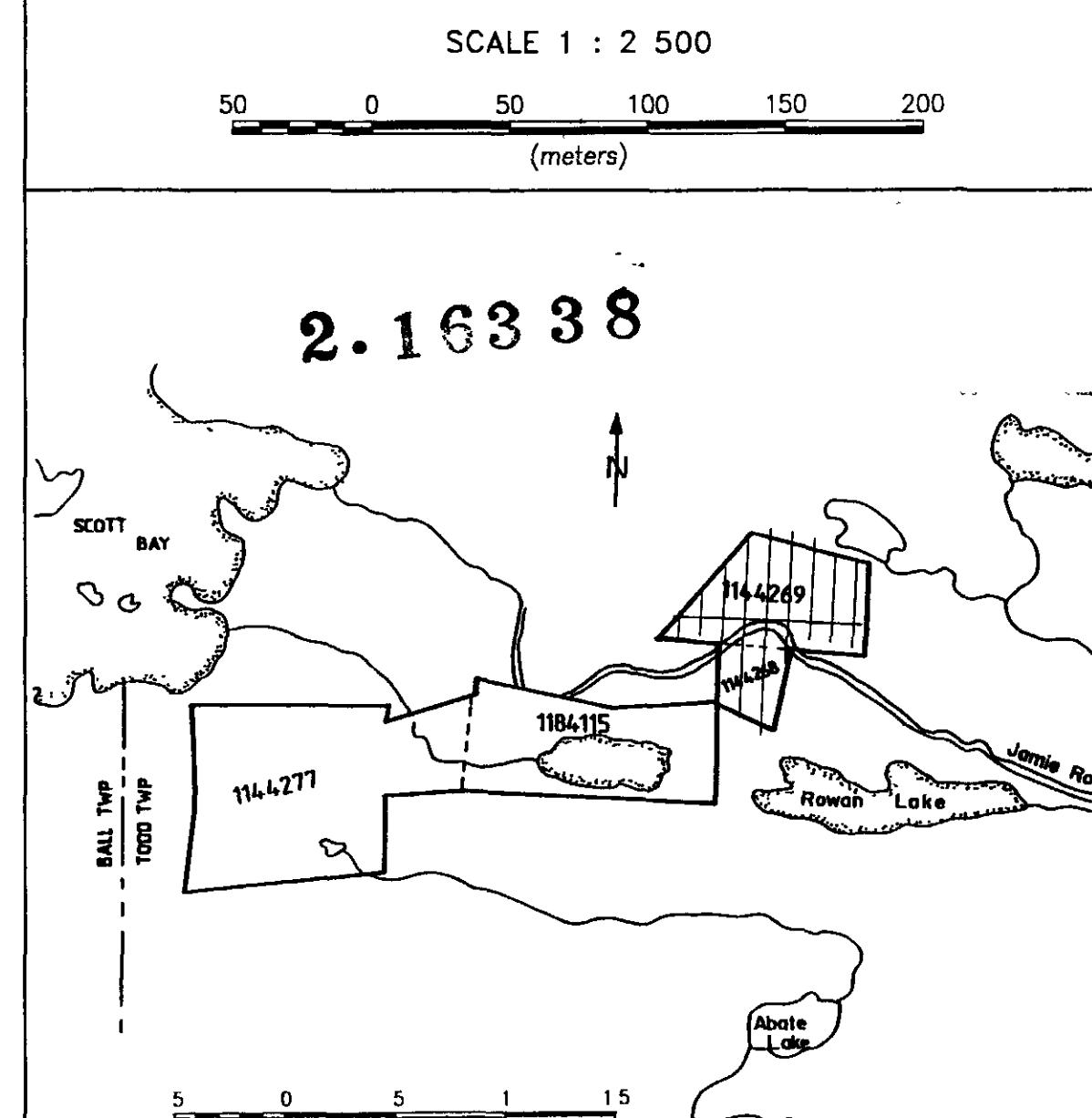
— - - 5

Electrode array: Dipole-dipole  
 $a = 25 \text{ M}$   $n = 1,2,3,4,5,6$

Instrument: PHOENIX IPT1, BRGM IP-6

Time cycle: 2 sec.

$\square^1$  claim posts



PLACER DOME CANADA LTD  
543, GOLDEN TREE PROJECT

INDUCED POLARIZATION SURVEY  
CHARGEABILITY CONTOURS (FILTER)

VAL D'OR GEOPHYSICS LTD

Interpreted by : P. Boileau, P.Eng. Date: 12/95

Scale 1 : 2 500 Drawing no: 95-1251-4.3