



42B01NE2004 2.18071 PENHORWOOD

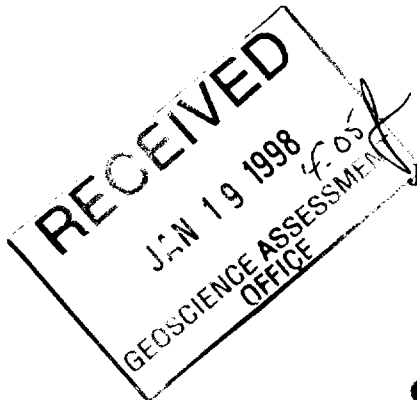
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REPORT
ON THE
INDUCED POLARIZATION PROGRAM
LALONDE PROPERTY
PENHORWOOD TOWNSHIP
DISTRICT OF SUDBURY
ONTARIO
FOR
CANADIAN GOLDEN DRAGON LTD

BY

DAN PATRIE

January 19, 1998



2.18071



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PENHORWOOD

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1. **INTRODUCTION**

The Lalonde property has a long history of mineral exploration in its surrounding area.. Within the last decade new discoveries of gold, zinc, nickel, copper, and asbestos mineralization have rekindled interest in the area and the present survey was undertaken to provide coherence to the scattered geological data derived from these discoveries to provide a better understanding of the general geology of the region.

In summary the Lalonde property has shown to have considerable merit and warrants further exploration work in order to evaluate its mineralization potentials. Dan Patrie Exploration was requested by Canadian Golden Dragon Ltd., to carry out an Induced Polarization survey on the area to better define this potential.

The following report summarizes the results of the work carried out during the present program and the results obtained.



Respectfully submitted,
Dan Patrie
January 19, 1998

2. **SUMMARY AND RECOMMENDATIONS**

During January of 1998, an Induced Polarization program was carried out on the Lalonde property. 2.4 Kilometers of re-cutting lines and 2.4 Kilometers of induced polarization were completed on the grid.

It is recommended that the following program be carried out on all existing claims on the property to complete the evaluation:

1. Completion of grid lines spaced at 100 meter intervals over entire claim group.
2. Geological mapping and prospecting of the property.
3. Magnetometer survey.
4. An induced polarization survey be completed over existing lines.
5. Geochemical soil sampling of the property.

Following completion of this work and contingent upon the results then additional work could be considered to further evaluate the property for gold and base metal mineralization.



Respectfully submitted,
Dan Patrie
January 19, 1998

PROPERTY

3.1 LOCATION AND ACCESS

Access to much of the area is via Highway 101 56 kilometres west of Timmins turning south on an old logging road via truck in summer or by snowmobile in winter (seasonal road). Southwards the road connects with Kukatush on the Canadian National railway and then continues south and east to Hardiman Bay on Horwood Lake, and to Tionaga also on the Canadian National Railway. Another drive able sand road starts from Highway 101 just 1/4 mile west of the Groundhog River and generally follows the western boundary of Reeves Township to the Northern limits of the area. An old road that starts southwards from Highway 101, about 2 miles west of the eastern line of Reeves Township, has been blocked by gravel pits but the southern part of the road is passable via the road through the Canadian-Johns-Manville Company Limited Reeves Mine.

3.2 TOPOGRAPHY

The area is drained northwards into James Bay by four main rivers all trending north-northeast. From west to east these four rivers are the Groundhog, the Nat, the Crawford, and the Kamiskotia. The Nat River and the Crawford River are tributaries of the Groundhog River and the Groundhog River in turn is a tributary of the Mattagami River, as is the Kamiskotia River.

In much of the area the river gradients are gentle and the banks low so that for long stretches the rivers are placid and slow moving. However, long rapids also occur on all the rivers and there are a number of scenic falls, particularly on the Groundhog River. A good description of navigation on the Groundhog River was given by Parks(1900). Within the map area the Kamiskotia River consists of a series of short rapids connecting a string of long lakes including,

from south to north, Akweskwa Lake, Misty Lake, Beaucage Lake, and Opihing Lake. The Nat River is open from about 1 mile south of the boundary between Reeves and Penhorwood Townships northwards to about 1 ½ miles north of Highway 101. North and south of these points the river is narrow and difficult to navigate over much of its length.

Relief in the area is relatively slight with smoothly rolling ridges interspersed with flat swamp areas. The high rolling ridge in northeastern Penhorwood Township, known as Radio Hill, is probably one of the highest points in the area at an elevation of about 1 490 feet above mean sea level. A bench mark on the Canadian National railway at the Groundhog River records an elevation of 1 127 feet above the mean sea level thus the range in elevation within the area would be in the order of 400 feet. Large areas of flat swamp ground are common in all four townships but are most widespread in the two northern townships, Reeves and Sewell.

Exceptions to the smooth rolling topography are high, steep, sinuous esker ridges, which trend south-southwest across Sewell, Reeves, and Penhorwood Townships. These ridges rise steeply over 200 feet above the general level of the surrounding country. An excellent view of the Reeves Mine can be seen from the Esker ridge road just east of the mine.

1805

4. PREVIOUS WORK IN THE AREA

A canoe traverse made in 1899 is described by W.A. Parks (1900). The iron formation in Keith Township, adjacent to Penhorwood Township, was visited in 1902 by W.G. Miller (1903), and T.L. Tanton (1917) examined mineral showings in the area in 1915. Prior to the present survey the only geological map of the four complete townships was that of E.W. Todd (1924), Map 33g of the Groundhog River area, except for small scale compilation maps (Ginn et al. 1964; Carlson and Donovan 1967).

The surrounding region has received varying degrees of attention throughout the years, and surveys have been made of the Woman River area to the south (H.M. Bannerman 1930), and Horwood Lake area to the west (H.C. Laird 1935; W.D. Harding 1937), the Groundhog-Kamiskotia area to the north (A.R. Graham 1931), and parts of Keith and Muskego Townships to the west (V.K. Prest 1950). In addition, exploration company geological maps are available in the Ontario Department of Mines and Northern Affairs assessment files for many parts of the area.

M. C. Exploration Services Inc did a magnetic and horizontal loop survey in 1996.

The survey showed 2 EM conductors at the north limit of the claim block.

9, 180 11

5. GEOLOGY

Isoclinally folded metavolcanic and metasedimentary schists and gneisses, intruded by sheets and pods of ultramafic igneous rocks, occupy a 6 to 10 mile wide belt trending east-northeast across the center of the area. The belt is bounded on the north, south and east by large masses of syntectonic trondhjemitic gneiss and younger plutons of massive granodiorite. All these rocks are of Archean age. Subsequently the whole area was intruded by diabase dike swarms of Proterozoic age.

Within the metavolcanic-metasedimentary belt the general metamorphic rank is greenschist facies but metamorphic aureoles are evident adjacent to all the large felsic intrusive masses. Tremolite and carbonate are found at the contacts of ultramafic intrusions; hornfels, at the contacts of diabase dikes.

Faults in the area generally conform to four major trends. There have been repeated movements on these faults, the youngest displacements being younger than any of the consolidated rock groups. Carbonization, hematite staining, drag folds, crenulation, and well developed shear zones are associated with many of these faults. The faulting and shearing are of economic importance with regard to localization of asbestos mineralization in ultramafic masses and because of the association of some gold showings with shear zones.

There are no age determinations for any of the rocks in the area but age determinations have been made on a "gneissic granite" (Lowden et al., 1962) from a road cut ½ mile west of Scorch River, about 7 miles west of Reeves Township. Two K-Ar ages were obtained from the same rock; a biotite age of 2 285 million years and a muscovite age of 2 495 million years. The muscovite age is thought to be more reliable. This gneissic granite may be equivalent to the

trondhemite gneiss of the map area. A tentative age might be assigned to east-northeast-trending diabase dikes in Kenogaming Township. These dikes have the characteristics of, and appear from regional Aeromagnetic Maps to be on strike with, the Abitibi dike swarms dated by Fahrig et al. (1965) as 1 230 million years old.

6. CURRENT EXPLORATION PROGRAM

A program of re cutting old grid because of severe winter conditions causing blow downs and overhanging trees , and detailed induced polarization program was carried out on the Lalonde property. The work took place from January 10 to January 15, 1998, and covered the following claims all or in part:

Claim Numbers	No. of Units
1198756	2
1198757	4
1198758	<u>2</u>
	8 units

The claims are held in the name of three local Timmins prospectors; D. Lalonde, G. Ross and and F. Ross.

The induced polarization survey was done at 50 meter spacing and 6 levels read using a Walcer MG model MG12 motor generator and a Hunttec Tx Model 7500 Transmitter and a Scintrex IPR-12 receiver, the data was then downloaded from the receiver to computer and plotted using Geosoft software for making pseudosections accompanying report.

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7. **INTERPRETATION**

The Lalonde property geophysics survey was very encouraging but the zone picked up started on the boundary of the claims to the north which is not part of the Lalonde property. The lines being read were extended up to the north and were read with very encouraging results. The strong chargeability zones which were picked up on all lines that were read although the lines ran off the boundary where the zone was found. The zones are as follows:

Line 4E to 14E the zone covered the boundary of the claims and to the north approximately 150 metres in width and centered at 14+00 N.

The chargeability values for these anomalies are well above background and are consistent with metallic mineralization. The bulk resistivity values also correspond to mineralized target (2000-Ohms-m).

Background values between 2 MV/V and 5 MV/V are caused by electrolytic polarization as opposed to the combination of electrolytic and electrode polarization in the case of metallic mineralization. The resistivity plots show bulk resistivity values corresponding to bedrock values.

These anomalies are classic and high priority drill targets with a high potential for gold and base metal deposits.

Dan Patrie

January 19, 1998

8. RECOMMENDED EXPLORATION PROGRAM

The following program is recommended to evaluate the claim block in and around the Lalonde Property:

1. Complete line cutting as required to provide a control for geological, geochemical and geophysical work.
2. Magnetometer survey.
3. Cutting of a detailed grid over anomalous areas.
4. Geochemical soil sampling of appropriate areas.
5. Detailed IP on 100 meter line spacing and 50 meter over anomalous areas.
6. Complete the prospecting of the claims.
7. Stripping, trenching, mapping and sampling targets with potential interest.

15 100 81



Dan Patrie

Geophysics Technologist (Dipl. T)

January 19 1998

REFERENCES

Banfield, A.F., and Counselman, T.B.

- 1961: Private report on ore reserves, beneficiation, preliminary estimates of capital requirements and operating costs, Radio Hill iron deposit, Kukatush, Penhorwood Township, Ontario, Canada for Kukatush Mining Corp. (Ontario) Ltd., by Behre Dolbear and Co. Inc., New York.

Burnham, C.W.

- 1967: Hydrothermal fluids at the magnetic stage-Geochemistry of hydrothermal ore deposits-Editor H.L. Barnes; Holt, Rinehart and Winston, Inc.

Conn, H.K.

- 1965: Private report on the general geology of Reeves Mine area for Canadian Johns-Manville Co. Ltd.

Dumbrille, J.C.

- 1961: Private report on shipping and port investigations for Kukatush Mining Corp. (Ontario) Ltd.

Guillett, G.R.

- 1963: Barite in Ontario; Ontario Dept. Mines, IMR10, 42p.

Hills, E.S.

- 1963: Elements of Structural Geology; J. Wiley and Sons, Inc.

Kerr, J.D.

- 1965: Private report on geology of Reeves ultrabasic and basic complex for Canadian Johns-Manville Co. Ltd., Exploration Dept., Matheson, Ontario.

Northern Miner

- 1967a: Radio Hill carries on with drilling program (article); The Northern Miner Press, October 5, 1967, p.13 (889).
1967b: Drilling new zone at Radio Hill Mines (article); the Northern Miner Press, November 2, 1967, p.3, (965).

Tanton, T.L.

- 1917: Reconnaissance along the Canadian Northern Railway between Gogama and Oba, Sudbury and Algoma Districts; Geol. Survey. Canada, Summary Report for 1916, p.179-182.

M. C. Exploration Services Inc.

Report of Work for Canadian Golden Dragon Ltd. Brownstone Investments Inc. Dec 1996

PERSONNEL

1. Dan Patrie
Walford, Ontario
2. Bryan Patrie,
Sudbury, Ontario
3. Brent Patrie
Elliot Lake, Ontario
4. Charles Landriault,
Walford, Ontario
5. Tim Kelly
Spanish, Ontario
6. Aarron Andress
Massey, Ontario
7. Andre Richer
Massey, Ontario
8. Gilles Richer
Elliot Lake, Ontario
9. Christopher Rivers
Walford, Ontario
10. Frank Ohalloran
Walford, Ontario
11. Bruce Macloud
Elliot Lake, Ontario

2. 18072

CERTIFICATE OF QUALIFICATION

I, Daniel Patrie do hereby certify:

1. That I am a Geology and Geophysics Technologist and I reside at Hwy. 17 West, Box 45, Massey, Ontario, Canada, P0P 1P0,
2. I graduated from Cambrian College Of Applied Arts and Technology, Sudbury, Ontario in 1987 with a Diploma in Geological Technology with a one year certificate in Geophysics,
3. And I have practiced my profession continuously since graduation, as well as being an active prospector since 1972,
4. That my report on the Lalonde Property, Penhorwood Township, Porcupine Mining Division, Ontario, is based on my personal knowledge of the geology of the area, and on a review of published and unpublished information on the property and surrounding area and was present on the property during the work programme,.

2.18071



Daniel F. Patrie
Geology and Geophysics Technologist (Dipl T.)
January 19, 1998



42B01NE2004 2.18071 PENHORWOOD 900

Authority of subsections 66(2) and 66(3) of the Mining Act. Under section 8 of the Act, you are required to review the assessment work and correspond with the mining land holder. Mining Recorder, Ministry of Northern Development and Mines, 6th Floor.

Instructions: - For work performed on Crown Lands before recording a claim, use form 02401
 - Please type or print in ink.

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

Name <i>Douglas Joseph Lalonde</i>	Client Number <i>156077</i>
Address <i>53 WAY ST. AVENUE</i>	Telephone Number <i>705 264-5939</i>
<i>Timmins, Ontario P4N 3C4</i>	Fax Number
Name	Client Number
Address	Telephone Number
	Fax Number

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

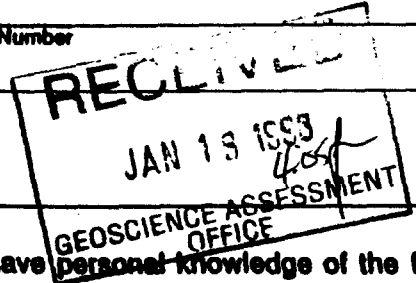
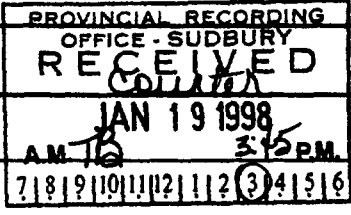
Geotechnical: prospecting, surveys, assays and work under section 18 (regs) **Physical:** drilling, stripping, trenching and associated assays **Rehabilitation**

Work Type <i>Line Cutting & Induced Polarization</i>	Office Use
	Commodity
	Total \$ Value of Work Claimed <i>\$ 7080</i>
Dates Work Performed From <i>10 / 1 / 98</i> To <i>15 / 1 / 98</i>	NTS Reference
Global Positioning System Data (if available)	Mining Division <i>Prospec</i>
Township/Area <i>Penhorwood</i>	Resident Geologist District <i>Timmins</i>
M or G-Plan Number <i>G-3244</i>	

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

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

Name <i>Dan Patric Exploration Ltcl</i>	Telephone Number <i>705 844-2113</i>
Address <i>Box 45 Massey, Ontario P0P 1P0</i>	Fax Number <i>705 844-2057</i>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number



4. Certification by Recorded Holder or Agent

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

Signature of Recorded Holder or Agent <i>Dan Patric</i>	Date <i>Jan 19/98</i>
Agent's Address <i>Box 45 Massey, Ontario P0P 1P0</i>	Telephone Number <i>705 844-2113</i>
	Fax Number <i>705 844-2057</i>

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

W9800.00037

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$8,892	\$4,000	0	\$4,892
1 1198756	2	1770	1770		
2 1198757	4	3540	3540		
3 1198758	2	1770	1770		
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		7080	7080	0	0

RECEIVED
 JAN 19 1998
 GEOSCIENCE ASSESSMENT
 OFFICE

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

Signature of Recorded Holder or Agent Authorized in Writing: D. Patric Date: Jan 19/98

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

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

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

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

For Office Use Only Received Stamp	PROVINCIAL RECORDING OFFICE - SUDBURY RECEIVED (counter) JAN 19 1998 A.M. TB 3:45 P.M. 7 8 9 10 11 12 1 2 3 4 5 6	Deemed Approved Date	Date Notification Sent
		Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)			

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

2-18077

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
Re cut old grid	2.4	250	\$ 600
Induced Polarization	2.4	1200	2,880
Report			1,600
Associated Costs (e.g. supplies, mobilization and demobilization).			
1 day set up pit wire etc.			800
1 day tear down pit wire etc.			800
Transportation Costs			
Mobilization			400
Food and Lodging Costs			
Total Value of Assessment Work			\$ 7080

RECEIVED
JAN 19 1998
GEOSCIENCE ASSESSMENT OFFICE

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.

PROVINCIAL RECORDING
RECEIVED
JAN 19 1998
A.M. TB 3:45 P.M.
7|8|9|10|11|12|13|14|15|16

Certification verifying costs:

I, Daniel F. Patric (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 Agent I am authorized (recorded holder, agent, or state company position with signing authority) to make this certification.

Signature: Dan Patric Date: Jan 19/98

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

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

May 28, 1998

DOUGLAS JOSEPH LALONDE
53 WAY AVENUE
TIMMINS, Ontario
P4N-3C4

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

Submission Number: 2.18071

Status

Subject: Transaction Number(s): W9860.00037 Approval After Notice

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

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

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

If you have any questions regarding this correspondence, please contact Bruce Gates by e-mail at gatesb2@epo.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,



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

Work Report Assessment Results

Submission Number: 2.18071

Date Correspondence Sent: May 28, 1998

Assessor: Bruce Gates

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9860.00037	1198756	PENHORWOOD	Approval After Notice	May 24, 1998

Section:
14 Geophysical IP

The 45 days outlined in the Notice dated April 9, 1998 have passed.

Assessment work credit has been approved as outlined on the attached Distribution of Assessment Work Credit sheet.

Correspondence to:

Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

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

Daniel Patrie
MASSEY, ONTARIO, CANADA

DOUGLAS JOSEPH LALONDE
TIMMINS, Ontario

GEORGE ROSS
TIMMINS, ON

FREDERICK JOHN ROSS
TIMMINS, Ontario

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: May 28, 1998

Submission Number: 2.18071

Transaction Number: W9860.00037

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1198756	3,554.00
1198757	812.00
1198758	0.00
Total: \$	4,366.00

REFERENCE

AREAS WITHDRAWN FROM DISPOSITION

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

Description	Order No.	Date	Disposition	File
400 RESERVE			S.R.O.	35537
SEC. 43170	W 3072	27/02/77	S.+S.	43506/77
SEC. 26180	1170	5-1	S.+S.	3511
ORDER OF THE MINISTER 453/87 DATED MARCH 30/87				
WITHIN THE MINE AND SURFACE RIGHTS UNDER SECTION 16 OF THE MINES ACT 190-940				

SAND AND GRAVEL

- GRAVEL F.L.C. 36729
- GRAVEL INT. FILE 13555 V.6
- GRAVEL FILE 106274
- QUARRY PERMIT # 22605 ISSUED FOR THE REMOVAL OF THE QUARTZ JULY 1, 1987
- QUARRY PERMIT # 22608 ISSUED FOR THE REMOVAL OF QUARTZ SEPT. 10, 1987
- CANCELLED PATENT AND LEASED CLAIMS

SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING, STAKING OUT, SALE OR LEASE UNDER SECTION 35 OF THE MINING ACT, R.S.O. 1990 (DATE: 25-MAY-29 ORDER NO. 1-88-487)

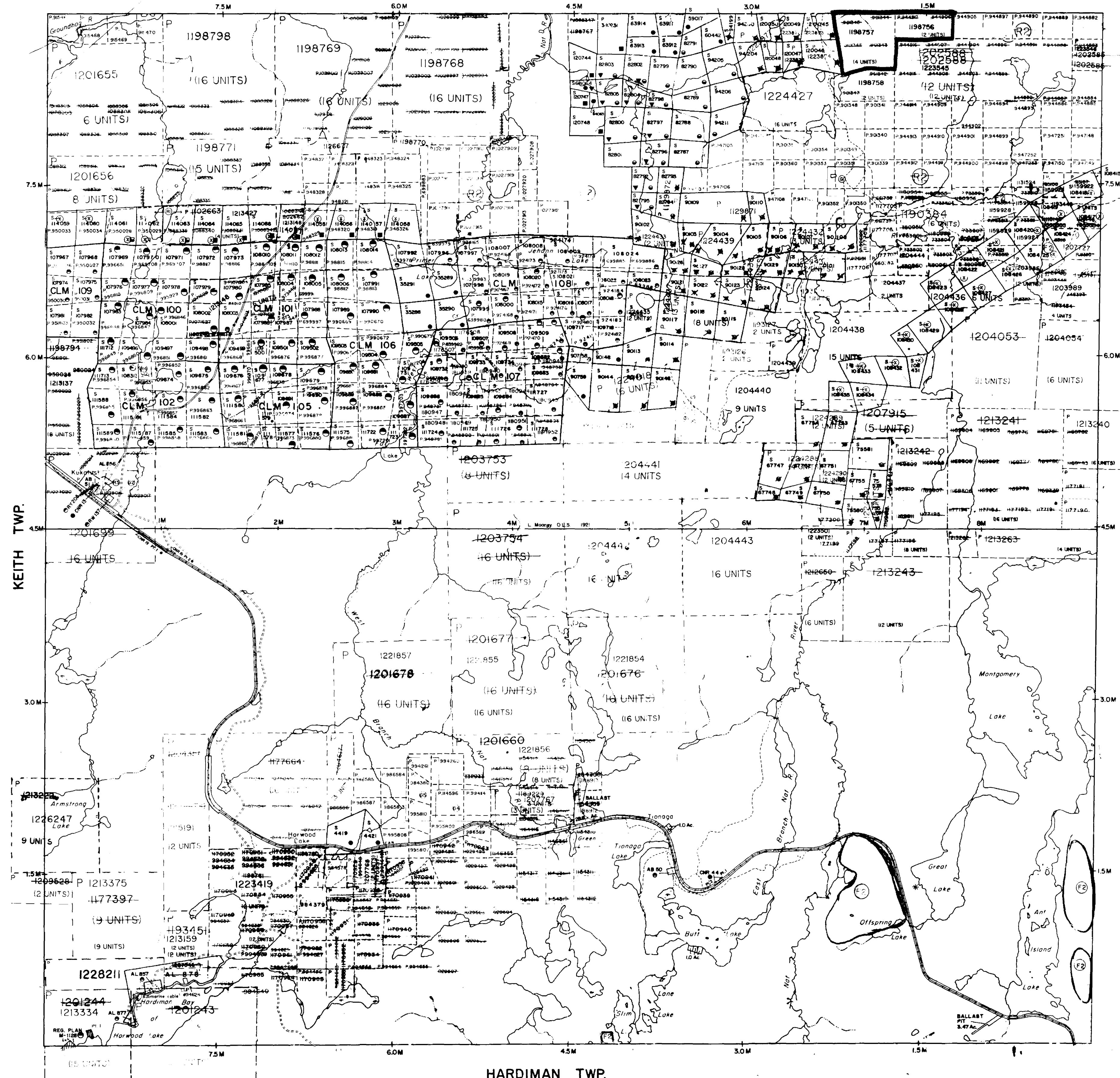
SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING, STAKING OUT, SALE OR LEASE UNDER SECTION 35 OF THE MINING ACT, R.S.O. 1990 (DATE: 16-JAN-18 AT 15:47:52 ORDER NO. 04-P-31/96-N-3)

THIS TWP. SUBJECT TO FOREST ACTIVITIES IN 1995/96 FURTHER INFORMATION AVAILABLE ON FILE.

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

REEVES TWP.

2.18071 II



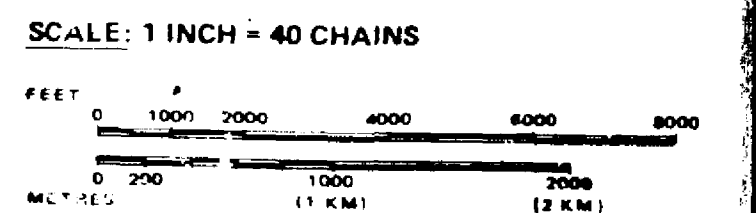
LESEND

- HIGHWAY AND ROUTE No. OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

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	○
LAND USE PERMIT	○

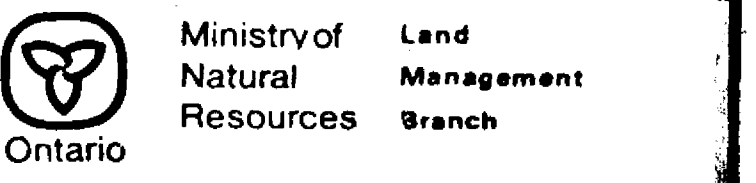
NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 286, SEC. 63, SUBSEC. 1.



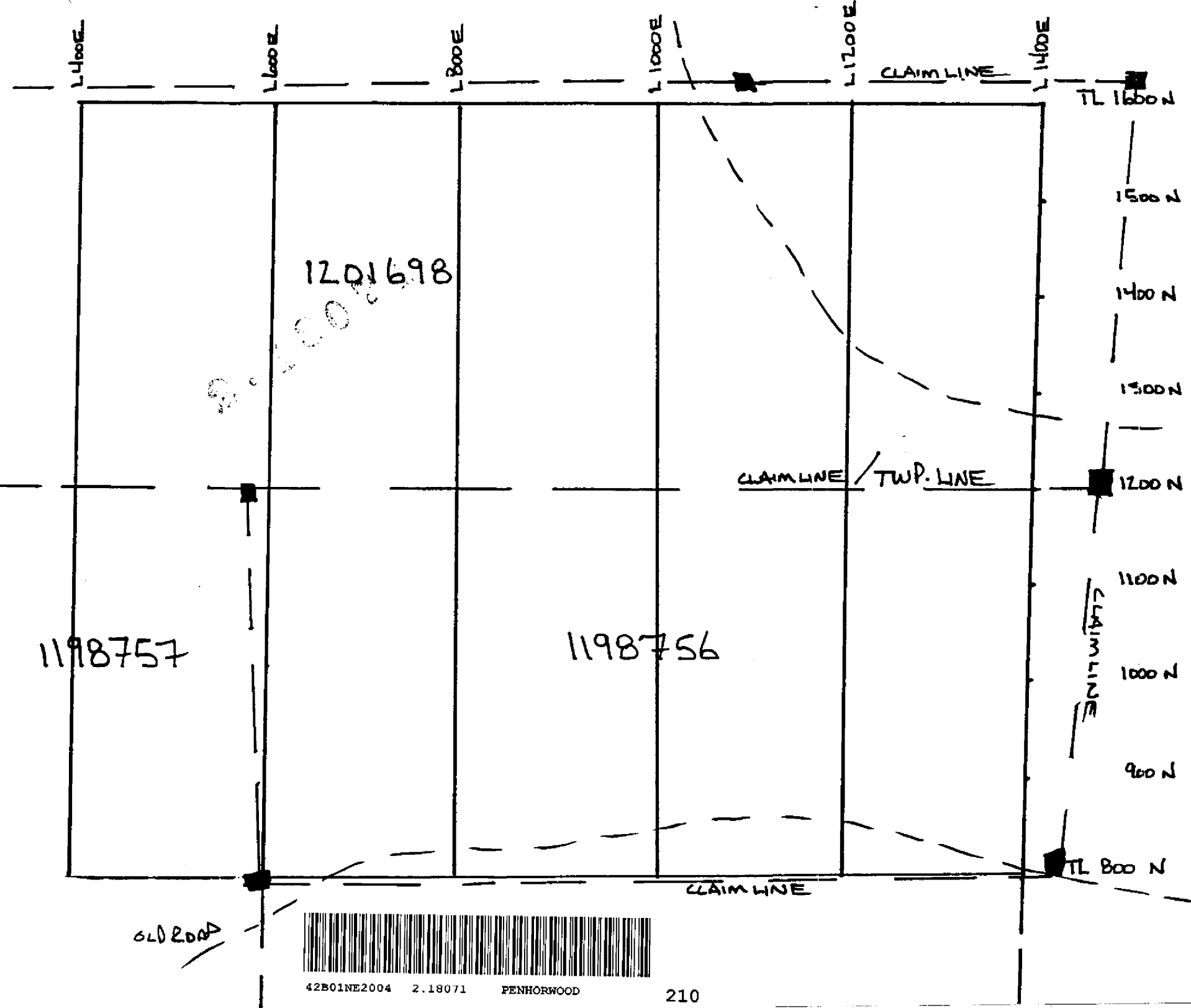
ACTIVATED: JANUARY 30, 1990

TOWNSHIP: **PENHORWOOD**
 M.N.R. ADMINISTRATIVE DISTRICT: **CHAPLEAU**
 MINING DIVISION
 PORCUPINE
 SUDBURY

DATE OF ISSUE: **MAR 25 1998**
 PROVINCIAL RECORDING DIVISION - SUDBURY



Date: **MARCH 1995** Number: **G-3244**



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OLD LOGGING RD.

REEVES TWP.

PENHORWOOD TWP.

SCALE 2cm = 100 M

CANADIAN GOLDEN DRAGON
 AND MAPLE MINERALS, JOINT VENTURE

INDUCED POLARIZATION
 LALONDE PROPERTY
 PRE-DIPOLE SURVEY

DATE: 98/01/12

DAN PATRIE EXPLORATION LTD.

1198757

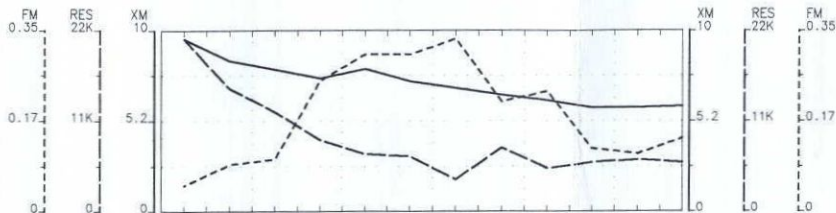
1201698

1198756

OLD ROAD



42B01NE2004 2.18071 PENHORWOOD 210

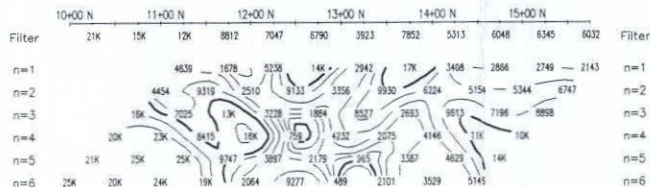


Metal Factor

Filter	10+00 N	11+00 N	12+00 N	13+00 N	14+00 N	15+00 N	Filter					
n=1	0.050	0.090	0.25	0.30	0.33	0.21	0.23	0.12	0.11	0.14	n=1	
n=2		0.14	0.31	0.12	0.030	0.18	0.030	0.14	0.15	0.16	0.22	n=2
n=3		0.12	0.070	0.20	0.090	0.16	0.050	0.10	0.10	0.10	0.090	n=3
n=4		0.060	0.080	0.060	0.17	0.54	0.060	0.22	0.070	0.080	0.080	n=4
n=5		0.040	0.050	0.080	0.060	1.1	0.22	0.30	0.14	0.070	0.070	n=5
n=6		0.050	0.030	0.040	0.080	0.27	0.40	1	0.16	0.14	0.080	n=6
n=6	0.040	0.050	0.040	0.060	0.58	0.11	2	0.40	0.17	0.14	n=6	

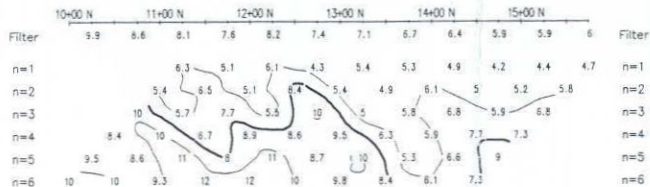
Metal Factor

Resistivity
Ohm-m



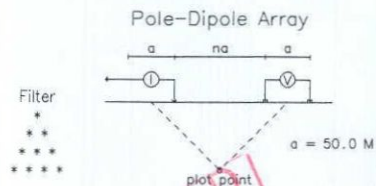
Resistivity
Ohm-m

Chargeability
MV/V



Chargeability
MV/V

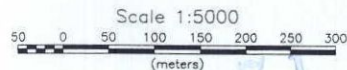
Line 400 E



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Logarithmic
Contours: 1, 2, 3, 5, 7.5, 10, ...
GEOSCIENCE ASSESSMENT
OFFICE

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.



CANADIAN DRAGON & MAPLE MINERALS

INDUCED POLARIZATION SURVEY
LALONDE PROPERTY
Pole Dipole Survey

Date: 98/01/12
Interpretation: B. Patrie

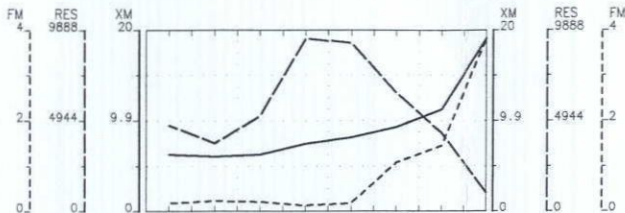
Dan Patrie Exploration Ltd.

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PENHORWOOD

220

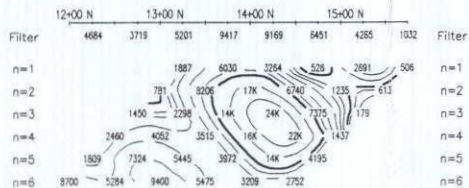


Metal Factor

Filter	12+00 N	13+00 N	14+00 N	15+00 N	Filter				
n=1	0.18	0.23	0.21	0.13	0.18	1.1	1.5	3.8	n=1
n=2			0.24	0.10	0.16	0.96	0.26	4.4	n=2
n=3		0.49	0.070	0.040	0.10	0.57	2.5		n=3
n=4		0.32	0.20	0.040	0.030	0.11	1.8		n=4
n=5		0.24	0.15	0.15	0.050	0.040	1.2		n=5
n=6		0.30	0.10	0.11	0.23	0.070	0.43		n=6
	0.080	0.11	0.090	0.14	0.32	0.66			

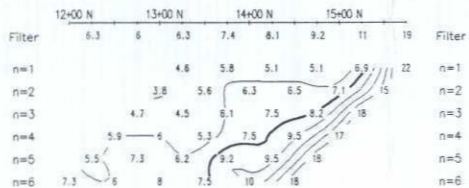
Metal Factor

Resistivity
Ohm-m



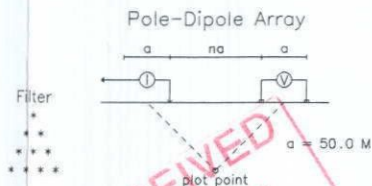
Resistivity
Ohm-m

Chargeability
MV/V



Chargeability
MV/V

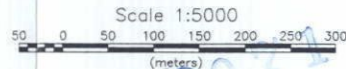
Line 600 E



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

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

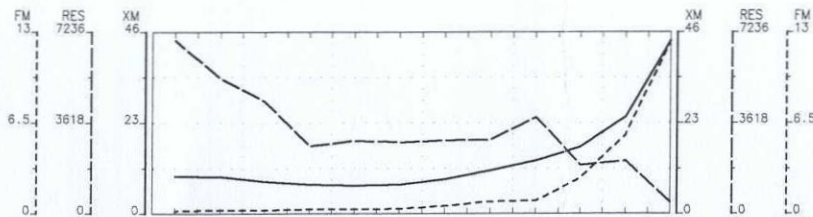


CANADIAN DRAGON & MAPLE MINERALS

INDUCED POLARIZATION SURVEY
LALONDE PROPERTY
Pole Dipole Survey

Date: 98/01/12
Interpretation: B. Patrie

Dan Patrie Exploration Ltd.



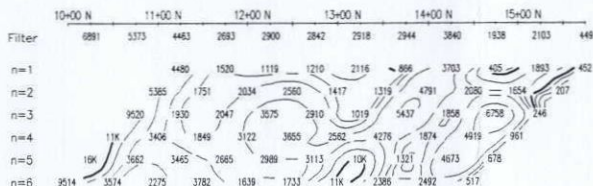
Metal Factor

	10+00 N	11+00 N	12+00 N	13+00 N	14+00 N	15+00 N						
Filter	0.20	0.27	0.28	0.31	0.31	0.35	0.56	0.85	0.93	2.5	5.6	12
n=1		0.12	0.27	0.43	0.43	0.26	0.79	0.18	1.7	0.62	9.6	
n=2		0.15	0.36	0.25	0.20	0.36	0.55	0.17	0.46	0.74	17	
n=3		0.10	0.45	0.35	0.15	0.19	0.71	0.15	0.56	0.21	17	
n=4		0.080	0.31	0.50	0.24	0.16	0.31	0.20	0.55	0.31	4.4	
n=5		0.050	0.24	0.32	0.42	0.27	0.29	0.080	0.81	0.31	6.1	
n=6		0.090	0.21	0.43	0.27	0.61	0.41	0.080	0.44	0.81	7.6	

Metal Factor

Filter	12
n=1	
n=2	
n=3	
n=4	
n=5	
n=6	

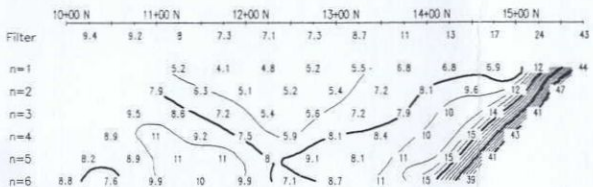
Resistivity
Ohm-m



Resistivity
Ohm-m

Filter	449
n=1	
n=2	
n=3	
n=4	
n=5	
n=6	

Chargeability
MV/V

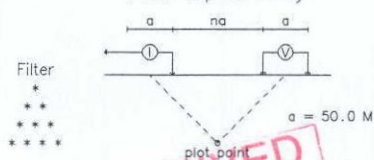


Chargeability
MV/V

Filter	443
n=1	
n=2	
n=3	
n=4	
n=5	
n=6	

Line 800 E

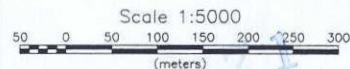
Pole-Dipole Array



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

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.



CANADIAN DRAGON & MAPLE MINERALS

INDUCED POLARIZATION SURVEY
LALONDE PROPERTY
Pole Dipole Survey

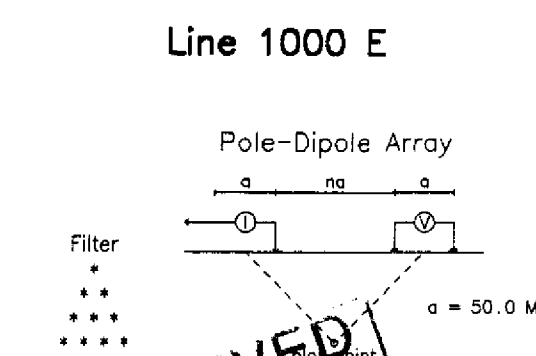
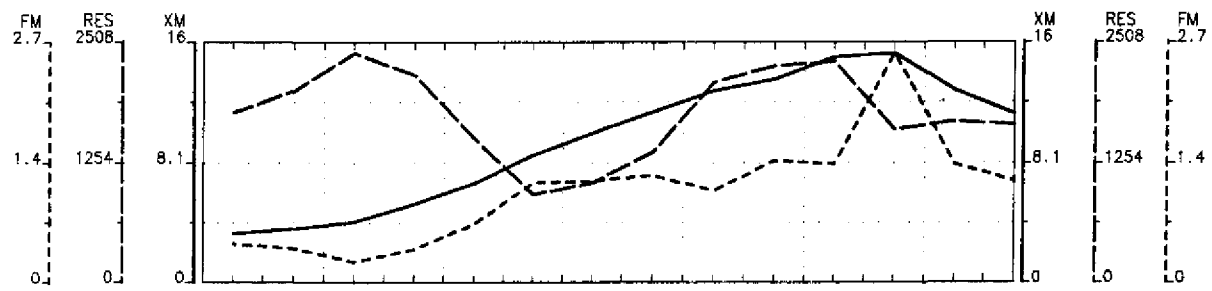
Date: 98/01/12
Interpretation: B. Patrie

Dan Patrie Exploration Ltd.

42B01NEZ004 2.18071

PENHORWOOD

240



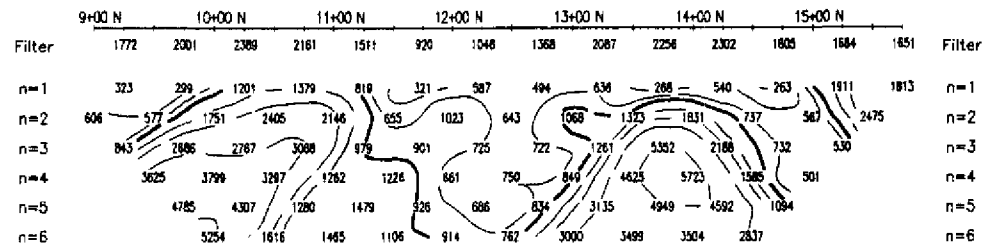
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JAN 19 1998
GEOSCIENCE ASSESSMENT OFFICE
 Algorithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Metal Factor

	9+00 N	10+00 N	11+00 N	12+00 N	13+00 N	14+00 N	15+00 N	
Filter	0.43	0.38	0.23	0.37	0.66	1.1	1.1	1.2
n=1	0.84	0.80	0.21	0.20	0.43	1.8	0.94	1.2
n=2	0.44	0.56	0.14	0.12	0.19	0.51	0.56	1.4
n=3	0.41	0.12	0.080	0.14	0.81	0.66	0.93	1.8
n=4		0.090	0.090	0.14	0.60	0.60	2.2	2.1
n=5		0.060	0.11	0.56	0.37	1.1	2.3	2.1
n=6		0.090	0.38	0.55	1.00	1.8	1.4	0.58

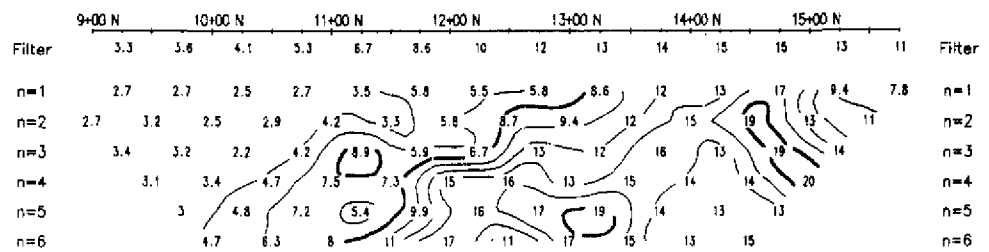
Metal Factor

Resistivity
Ohm-m



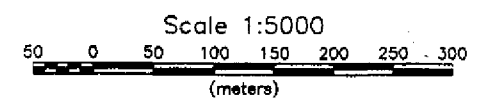
Resistivity
Ohm-m

Chargeability
MV/V



Chargeability
MV/V

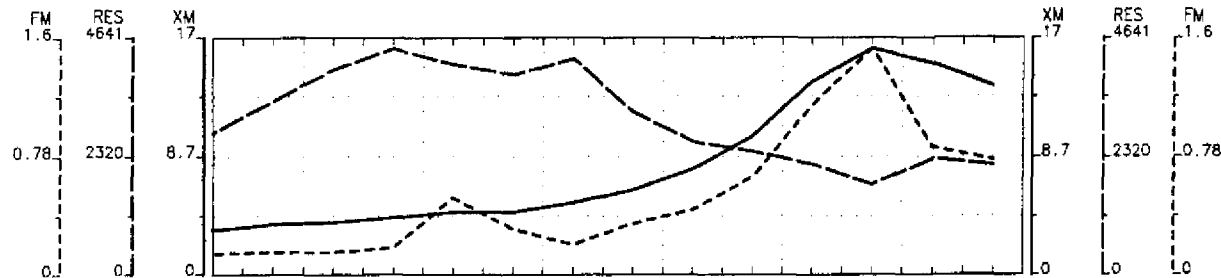
- INTERPRETATION**
- Strong increase in polarization accompanied by marked decrease in resistivity.
 - Well defined increase in polarization without marked resistivity decrease.
 - Poorly defined polarization increase with no resistivity signature.
 - ▼ Low resistivity feature.



CANADIAN DRAGON & MAPLE MINERALS
INDUCED POLARIZATION SURVEY
LALONDE PROPERTY
Pole Dipole Survey
 Date: 98/01/12
 Interpretation: B. Patrie
Dan Patrie Exploration Ltd.

42B01NEZ004 2.18071 PENHORWOOD

250

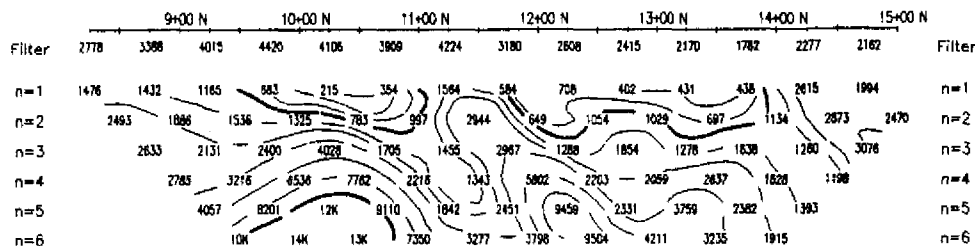


Metal Factor

	9+00 N	10+00 N	11+00 N	12+00 N	13+00 N	14+00 N	15+00 N									
Filter	0.14	0.15	0.15	0.18	0.51	0.30	0.20	0.34	0.43	0.65	1.1	1.5	0.84	0.78	Filter	
n=1	0.17	0.19	0.20	0.41	2.3	0.79	0.21	0.57	0.58	1.1	2.1	3	0.39	0.35	n=1	
n=2		0.12	0.16	0.21	0.26	0.24	0.43	0.12	0.88	0.42	0.94	2.2	1.3	0.36	0.42	n=2
n=3			0.13	0.22	0.13	0.10	0.28	0.30	0.17	0.40	0.51	1.2	0.98	0.99	0.47	n=3
n=4				0.15	0.15	0.070	0.070	0.20	0.46	0.070	0.45	0.76	0.94	0.86	2.3	n=4
n=5					0.12	0.080	0.050	0.080	0.41	0.20	0.10	0.70	0.44	0.82	2.5	n=5
n=6						0.050	0.040	0.050	0.080	0.16	0.27	0.16	0.41	0.44	1.3	n=6

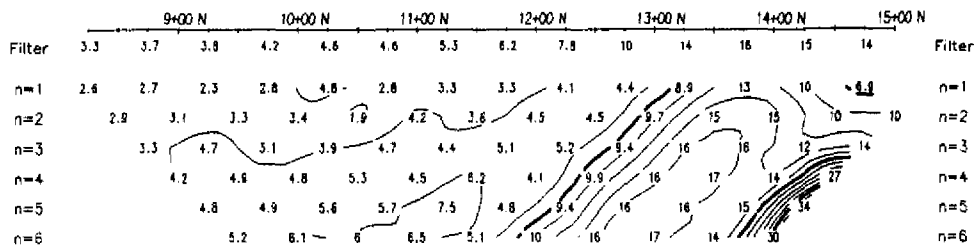
Metal Factor

Resistivity
Ohm-m



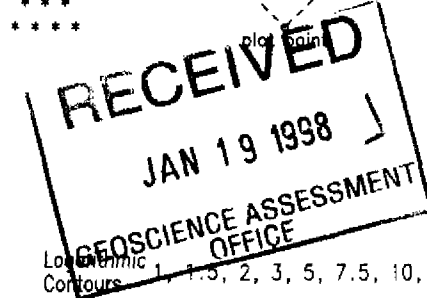
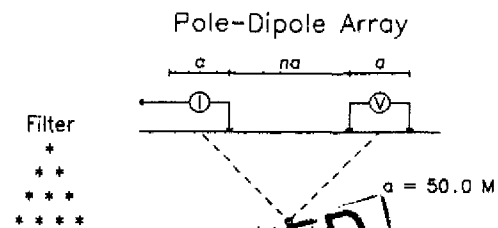
Resistivity
Ohm-m

Chargeability
MV/V



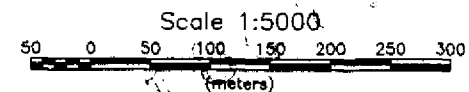
Chargeability
MV/V

Line 1200 E



INTERPRETATION

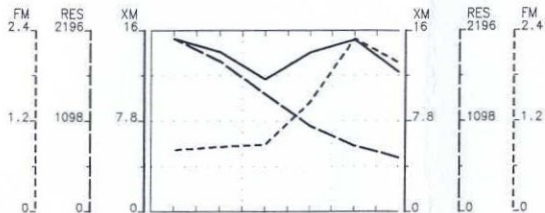
- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.



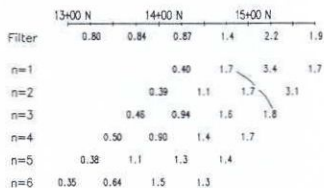
CANADIAN DRAGON & MAPLE MINERALS
INDUCED POLARIZATION SURVEY
LALONDE PROPERTY
Pole Dipole Survey

Date: 98/01/12
 Interpretation: B. Patrie

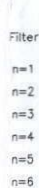
Dan Patrie Exploration Ltd.



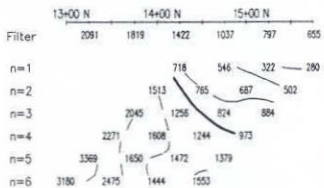
Metal Factor



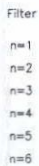
Metal Factor



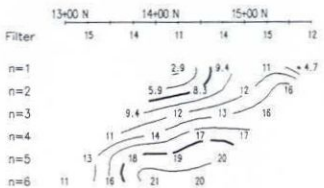
Resistivity
Ohm-m



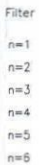
Resistivity
Ohm-m



Chargeability
MV/V



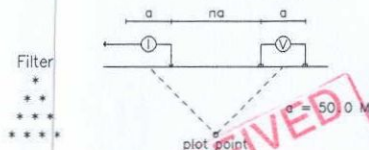
Chargeability
MV/V



Line 1400 E

2.18071

Pole-Dipole Array



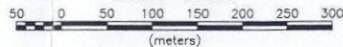
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Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:5000



CANADIAN DRAGON & MAPLE MINERALS

INDUCED POLARIZATION SURVEY
LALONDE PROPERTY
Pole Dipole Survey

Date: 98/01/12
Interpretation: B. Patrie

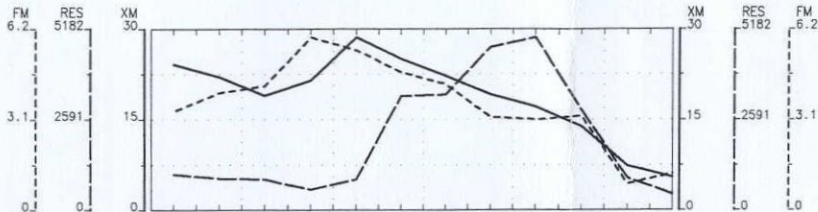
Dan Patrie Exploration Ltd.

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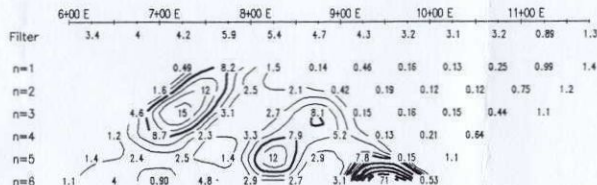
2.18071

PENHORROCK

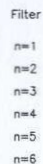
270



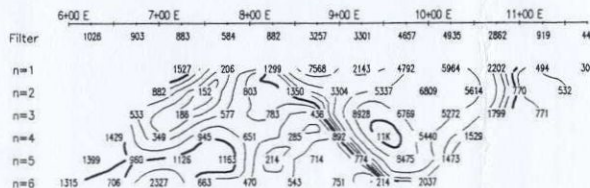
Metal Factor



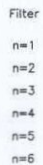
Metal Factor



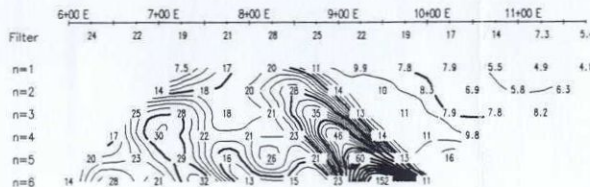
Resistivity
Ohm-m



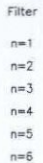
Resistivity
Ohm-m



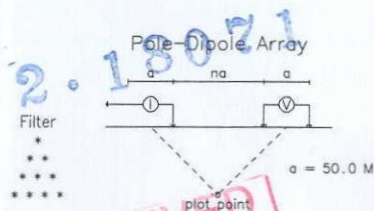
Chargeability
MV/V



Chargeability
MV/V



Line 1600 N

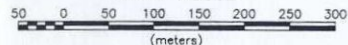


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GEO SCIENCE ASSESSMENT
OFFICE
Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10, ..

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:5000



CANADIAN DRAGON & MAPLE MINERALS

INDUCED POLARIZATION SURVEY
LALONDE PROPERTY
Pole Dipole Survey

Date: 98/01/12
Interpretation: B. Patrie

Dan Patrie Exploration Ltd.

42B01N2004 2.18071

PERKINSWOOD

280