

REPORT

ON THE

GEOPHYSICS PROGRAMME

DYMENT LAKE PROPERTY

DENYES TOWNSHIP, ONTARIO

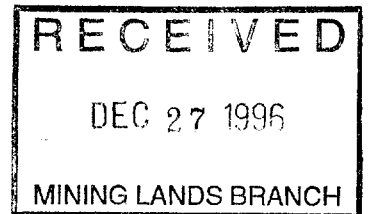
PORCUPINE MINING DIVISION

ONTARIO

BY

DAN PATRIE

*Qual. #  
2.152.00*



OCTOBER, 1996

2 . 1 6 9 6 4



41015SW0059 2.16964 DENYES

010

## TABLE OF CONTENTS

	PAGE
1. INTRODUCTION	1
2. SUMMARY AND RECOMMENDATIONS	2
3. PROPERTY	3
3.1 CLAIM DESCRIPTION	3
3.2 LOCATION AND ACCESS	3
3.3 TOPOGRAPHY AND VEGETATION	4
4. PREVIOUS WORK IN THE AREA	4
4.1 WORK DONE	6
5. GEOLOGY	7
5.1 REGIONAL GEOLOGY	7
5.2 PROPERTY GEOLOGY	10
6. CURRENT EXPLORATION PROGRAMME	11
6.1 WORK DONE	11
7. CONCLUSIONS	11
8. INTERPRETATION OF INDUCED POLARIZATION	13
9. RECOMMENDED EXPLORATION PROGRAMME	14
REFERENCES	
APPENDICES	
3 FIGURES	
I. P. PSEUDOSECTIONS	
CERTIFICATE OF QUALIFICATION	



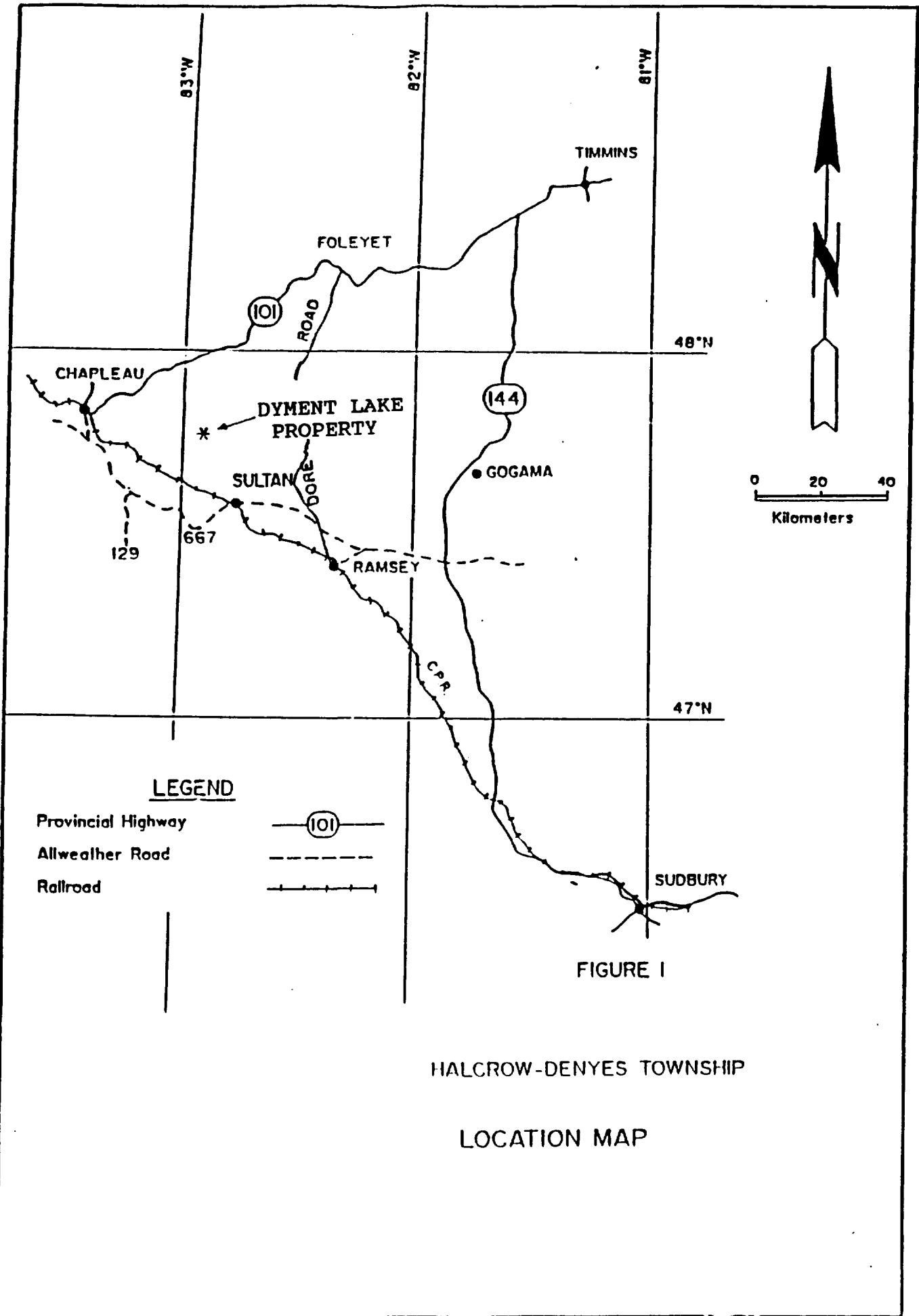
41015SW0059 2.16964 DENYES

010C

1. **INTRODUCTION**

The Dymont Lake property consists of 113 claims (16 hectare units) in the central part of Denyes Township, approximately 40 km east of Chapleau, 140 km southwest of Timmins and 200 km northwest of Sudbury, Ontario in the Swazye area, Pocupine Mining Division (FIGURE 1).

The writer carried out a limited programme of exploration on the Barty Lake property. A programme of line-cutting, induced polarization, magnometer and VLF-EM survey was carried out to locate areas of gold and base metal potential. The following report summarizes the results of previous work in the area, the work carried out during the current programme and the results obtained from that work.



## 2. SUMMARY AND RECOMMENDATIONS

Between August 10 to September 30, 1996 a programme of Induced Polarization program was completed on the Dymont Lake property. A 4 level with 25 meter spacing I.P. was done on lines 14+00E to 16+00W.

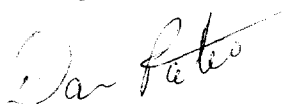
The Induced Polarization was a Pole Dipole survey.

The following programme be carried out on all existing claims on the property to complete the evaluation.

1. Completion of the grid lines spaced at 100 meters over the total claim group of 104 claims.
2. Geological mapping and prospecting of the property.
3. Completion of the magnometer, VLF-EM and horizontal loop surveys.
4. A test I.P. survey be completed over showings and along shear zones, as well as zones of magnetic depletion and VLF anomalies.
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 property for gold and base metal mineralization.

Respectfully submitted,



Daniel Patrie

Geophysics and geology technologist

October 30, 1996

### 3. **PROPERTY**

#### 3.1 **CLAIM DESCRIPTION**

The property consists of 113 contiguous, unpatented mining claims (16 hectare units) which are listed below and which are shown in Figure 2 after claim map M-758, Denyes Township, Ministry of Natural Resources, Ontario, Surveys and Mapping Branch. The claims are held in the name of: Daniel F. Patrie, P.O. Box 45, Massey, Ontario, P0P 1P0

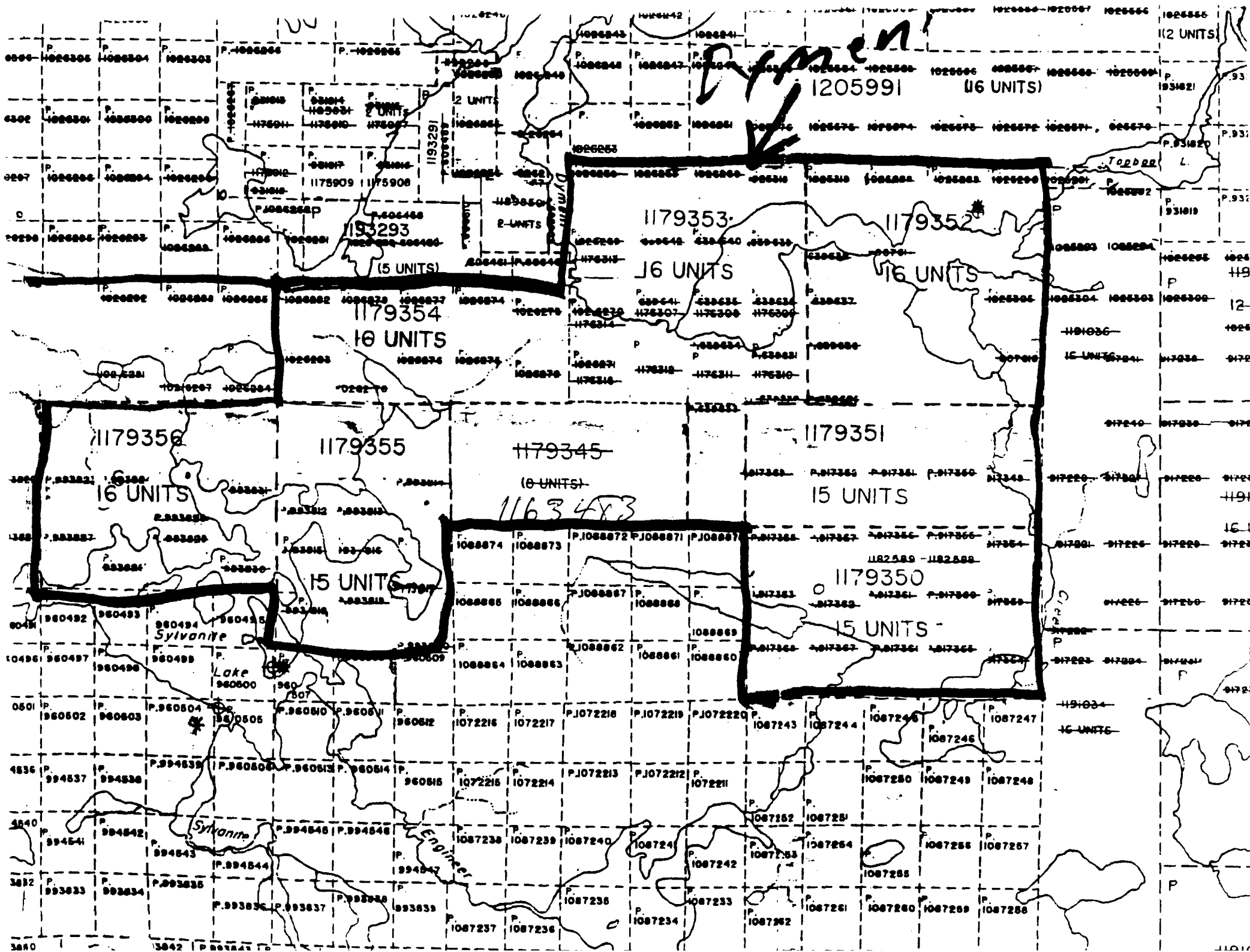
TABLE 1

#### DENYES TOWNSHIP CLAIMS

Claim Numbers	Number of units
1179350	15
1179351	15
1179352	16
1179353	16
1179354	10
1179355	15
1179356	16
1163483	<u>10</u>
<b>TOTAL</b>	<b>113</b>

#### 3.2 **LOCATION AND ACCESS**

The Dymont Lake property is located at 47 degrees 47 latitude, 82 degrees 48' longitude in Denyes Township, District of Sudbury, Porcupine Mining Division approximately 40 kilometers east of Chapleau, 140 kilometers southwest of Timmins and 200 kilometers northwest of Sudbury, Ontario.



*Primen*  
↓

120591  
(6 UNITS)

117593  
(5 UNITS)

1179353  
(6 UNITS)

1179352  
(6 UNITS)

1179354  
(6 UNITS)

1179345  
(6 UNITS)  
1163483

1179351  
(5 UNITS)

1179356  
(6 UNITS)

1179355  
(5 UNITS)

1179350  
(5 UNITS)

Sylvanie  
Lake

Sylvanie

Enginer

(2 UNITS)

(2 UNITS)

(2 UNITS)

(2 UNITS)

(2 UNITS)

(2 UNITS)

(2 UNITS)

(2 UNITS)

(2 UNITS)

(2 UNITS)

(2 UNITS)

(2 UNITS)

(2 UNITS)

(2 UNITS)

Access to the property is by float-equipped or ski-equipped aircraft to the lake in the center of the property. The property can also be reached by trail. The Dore Forest access road between Folyet and the Eddy Forest products road in the south provides access on lumber roads to the west which are located along the southern edge of the claim group. From here the property can be easily accessed on foot, all terrain vehicle or snow machine.

### **3.3 TOPOGRAPHY AND VEGETATION**

The main topographic feature of the property is Dyment Lake in its central part which is drained by Dyment Creek southwestward to Barty Lake. In general the property consists of a series of ridges separated by sections of low ground and swamp. For the most part, the ridges are covered with jackpine, the occasional red pine, poplar and birch. Cedars, in particular, and alders are common in the low-lying, swampy areas. Much of the area has been infected by spruce, budworm which creates very difficult travel conditions due to the number of blow-downs.

### **4. PREVIOUS WORK IN THE AREA**

The Dyment Lake gold showing was staked by Joseph Beaumont for Dyment Mining and Investments Limited in 1932. The company completed numerous trenches and a series of short drill holes totaling 1 000 feet, underneath and along strike of the main showing.

The Ontario Department of Mines (Rickaby, 1935) reported that native gold was visible along fractures within the milky-white quartz. Galena, and chalcopyrite were also noted in the vein material.

The Canada Centre for Mineral and Energy Technology, Ottawa, took out a (101 pound) bulk sample in 1953 and tested for gold and silver which assayed 18.25 ounces of Au per ton and



3.08 ounces of Ag per ton.

In 1968 Umex completed an airborne magnetic survey which illustrates a strong east-west magnetic trend about 1 km south of Dymont Lake. There was no magnetic response from the gold showing.

Scan Exploration filed ground geophysics, magnetics and E.M. 16.

In 1972, Claw Lake Molybdenum Mines did a geophysical survey of magnetics over 41 claims in the Dymont Lake area. The work was contracted to Canadore Exploration.

The only diamond drilling in the area was completed by Mettagami Lake Mines (1960) who drilled a hole 3 km northwest of Dymont Lake. This was to test a geophysical anomaly and intersected dacite tuffs and argillites. There were no economically significant gold values.

Placer Development Limited did 23 kms of geological mapping, ground magnetics, VLF., and 6.6 of humus sampling in 1984.

1932-1934: Considerable surface trenching and stripping, 1 00 feet of diamond drilling by Dymont Mining and Investments Limited.

1953: a bulk sample (101 pounds) tested for gold and silver by the Canada Center for mineral and Energy Technology, Ottawa.

1984: Placer Dome did a 23 km of mag\VLF and geological mapping.

1968: J.F. Donovan and assistants was the most recent mapping.

1980: a geophysical airborne survey released by the government.

1984: a 23 km of mag\VLF and geological mapping by Placer Dome.

1995: Dan Patrie surveyed 22 kilometers of induced polarization.

#### 4.1 WORK DONE

The writer carried out a limited programme of exploration on the Dyment Lake property which included line-cutting and induced polarization survey, which shows in the central part, a prominent east-west trending magnetic anomaly. In the north central part of the property. These anomalous zones are considered to parallel the formational contacts and may be due to sulphides. Also, the old trenching found indicates that at some time, probably during the 1930's the area was prospected and a limited amount of hand trenching carried out. Also, there are three induced polarization anomalies. The first and most prominent is found on lines 4E to L 1W, 12+00S to 15+00S. The second anomaly across a gold showing on recon line 1111 and runs 1+00N to 50+00S and another from 1+50S to 2+50S. The 3rd anomaly is on lines 6+00W to 2+00W at 3+50S to 1+50S running parallel to Dyment Creek. Also, there is a much smaller anomaly running across most of the lines at about 8+00S to 10+00S tapering off as they go east and should be looked at in the future.

## **5. GEOLOGY**

### **5.1 REGIONAL GEOLOGY**

The general geology of the area is shown on the Chapleau-Folyet compilation map (#2116) of the Ontario Geological Survey. In addition, the geology of the area is described by Donovan in his report on the Halcrow-Rideout Lakes area (1968).

The rocks of the area form the western part of the east-west trending Swayze greenstone belt approximately 50 km long and 30 km wide. The bedrock of the area is Precambrian in age and comprises an older assemblage of felsic to mafic volcanic rocks, sedimentary rocks and iron formation with younger granitic, dioritic and diabase intrusives. All are steeply dipping in structures whose axes trend east-west across the area (Figure 3).

Felsic volcanic rocks are abundant in Denyes Township where a wide band crosses the area south of Denyes Lake and extends westward into Halcrow Township. Numerous small intercalated felsic volcanic layers are found associated with intermediate to mafic volcanic rocks in Halcrow and Denyes Township. The felsic volcanic rocks vary in texture from fine grained to porphyritic with pyroclastic units also present.

Sedimentary rocks are present in both Denyes and Halcrow townships and delineate the north limb of synclinal structure in Halcrow and Denyes townships. The north limb of the sedimentary rocks widens eastward near Denyes Lake. Smaller isolated bands of sedimentary rocks are found elsewhere in the area intercalated with the metavolcanics. Conglomerate and feldspathic quartzite are the main types of sedimentary rocks with smaller amounts of greywacke, arkose and pelitic sediments. These sediments are spatially and possibly genetically associated with the volcanic units.

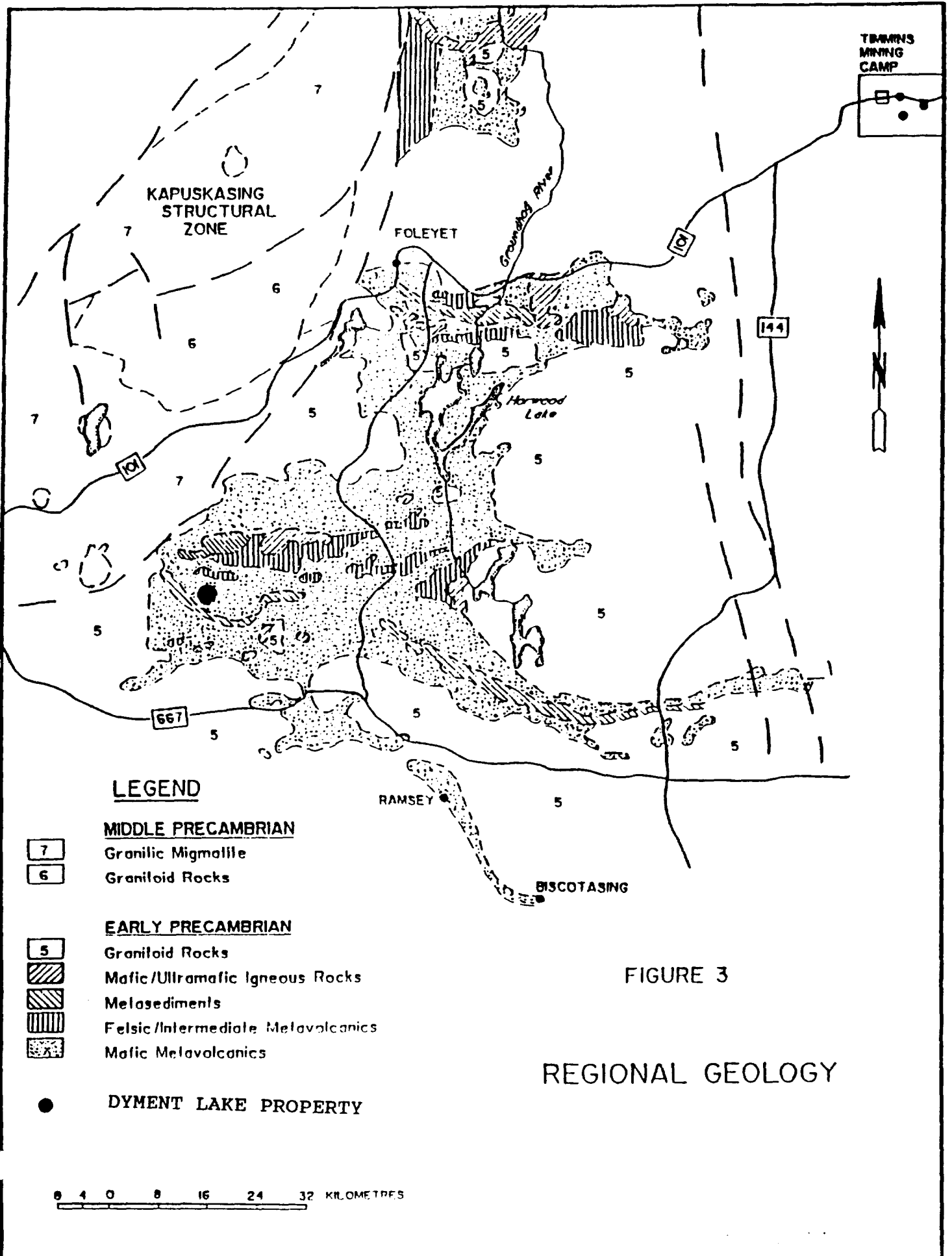


FIGURE 3

REGIONAL GEOLOGY

Some iron formation is dispersed through the area generally in narrow, lean discontinuous horizons. The iron formation is associated with the volcanic and sedimentary units and varies from typical banded iron formation to rusty schistose material. Sedimentary rocks, notably conglomerate with a mafic or pelitic matrix are closely associated with the intermediate to mafic volcanics.

Granitic rocks ranging from fine to coarse grained and massive to gneissic occur in the area. The largest body is in the western part of Halcorw township where granite intrudes intermediate to mafic volcanic rocks resulting in a contact metamorphic zone. Other bodies representing small lenses, stocks, sills and dykes are present throughout the area.

Dioritic rocks are known from the area and may represent intrusive rocks or coarse grained volcanic flows.

The youngest intrusive rock is diabase. Two (2) sets of dykes striking northeast and northwest are dominant. A few small north-south and east-west dykes are also present. The dykes range in thickness from 3 to 80 meters with most dipping vertically. The largest is approximately 6 km long.

Extensive areas are covered by glacial drift and sandy overburden of varying thickness. Pleistocene and recent deposits cover most of the area and are a deterrent to geological work and prospecting in the area.

TABLE OF FORMATION (after Donovan, 1968)

CENOZOIC

RECENT                      Strem and swamp deposits.

PLEISTOCENE              Sand, gravel, till.

UNCONFOMITY

PRECAMBRIAN

INTRUSIVE ROCKS

Late basic Intrusive Rocks:

Diabase

Intrusive Contact

Intermediate to ultramafic intrusive rocks.

Intrusive Contact

Granitic Rocks

Intrusive Contact

INTERMEDIATE TO MAFIC VOLCANIC ROCKS

SEDIMENTARY ROCKS

FELSIC VOLCANIC ROCKS

## 5.2 PROPERTY GEOLOGY

Donovan's (1968) work has indicated that the property is underlain dominantly by intermediate to mafic metavolcanic rocks which strike east-west to east-southeast and dip vertically. The rocks are cut by north-south trending diabase dykes cross-cut the metavolcanics.

The property shows a well developed vertical foliation trending between 90 and 120 degrees with local variations due to cross structures. Deformation is expressed by well-defined zones of shearing. Associated with the deformation zones are gold-bearing quartz veins generally trending at 150 degrees and accompanied by strong carbonate alteration. The quartz veins are situated in a highly sheared and altered metavolcanic (feldspar porphyry). The quartz veins trend 120 degrees. The veins appear to form an acholon pattern across the shear zone. The quartz veins observed over a strike length of 350 meters. The veins are discontinuous but appear to be on strike. The shear zone is approximately 150 meters in width.

## **6. CURRENT EXPLORATION PROGRAMME**

### **6.1 WORK DONE**

A programme of line-cutting and detailed induced polarization survey on the Dymont Lake property. The work was carried out between August 10 and September 30, 1996. The work covered the following claims, all or in part.

1179350, 1179351, 1179352, 1179353, 1179354, 1179355, 1179356, and 1163483.

Approximately 27 km of pole-dipole and 34 km of line-cutting was done on the Dymont Lake Property.

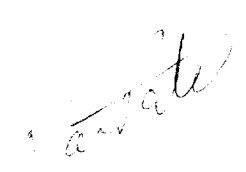
## **7. CONCLUSIONS**

1. The Dymont Lake property is underlain by metavolcanic rocks with a range in composition from mafic to felsic.
2. There is a well developed regional foliation on the property trending 100 to 120 degrees and dipping vertically to the north.
3. In the north part of the claim block, there is extensive carbonate and fuschite alteration which is associated with well developed shearing parallel to the regional trend.
4. One (1) large area on the property have been identified to have a potential for the localization of gold mineralization of economic significance. This is along the north and east part of the claim block along a trend at 100 degrees and is considered to be situated on a major regional deformation zone with strong green carbonate and fuschite alteration associated with quartz veining in zones of shearing.

In summary it is considered that the property contains a very favorable geological



environment for the localization of gold mineralization of economic importance. To further evaluate the potential of this property and due to a lack of geological information of this property, it is suggested that on-going work should consist of a programme of geological mapping, prospecting, line-cutting and geophysical surveys over the balance of the property not covered.



Daniel F. Patrie  
Geology and Geophysics Technologist (Dipl. T)  
October 30, 1996

## **8. INTERPRETATION OF INDUCED POLARIZATION SURVEY**

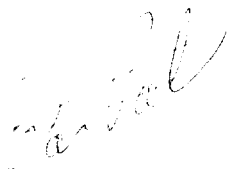
There are three significant Induced Polarization anomalies present on the Dymont Lake property. The first most prominent one is found on lines 4+00E to 1+00W AT 12+00S to 15+00S. The second anomaly is on recon line 1111 from 1+00N to 50+00S and 1+50S to 2+50S. The 3rd anomaly is on line 6W to 2W at 3+50S to 1+50S and there is a much smaller anomaly running across lines to the west tapering off to the east. The chargeability values for the anomalies are well above background and are consistent with metallic mineralization. The bulk resistivity values also correspond to a mineralized target.

Background values between 2 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 resistivities corresponding to bedrock values.

**9. RECOMMENDED EXPLORATION PROGRAMME**

The following programme is recommended to evaluate the 103 claim block in and around Dymont Lake property.

1. Complete the line cutting as required to provide a control for geological, geochemical and geophysical work.
2. Completion of ground magnetometer and VLF work.
3. Cutting of a detailed grid over anomalous areas.
4. Geochemical soil sampling of appropriate areas.
5. Detailed IP over anomalous areas.
6. Complete the prospecting of the 104 claims.
7. Stripping, trenching, mapping and sampling targets with potential interest.



Daniel Patrie  
Geophysics Technologist (Dipl. T)  
October 30, 1996

**APPENDIX 1**  
**PERSONNEL**

## PERSONNEL

1. Dan Patrie  
P.O. Box 45  
Massey, Ontario  
POP 1P0
2. Bryan Patrie  
P.O. Box 181  
Spanish, Ontario  
POP 2A0
3. Allan Hogan  
Chelmsfor, Ontario
4. Jean Paul Paradis  
General Delivery  
Massey, Ontario  
POP 1P0
5. George Savard  
General Delivery  
Massey, Ontario  
POP 1P0
6. Charles Landriault  
General Delivery  
Walford, Ontario  
POP 2E0
7. Scott Whalen  
General Delivery  
Walford, Ontario
8. Anthony Burli  
General Delivery  
Massey, Ontario  
POP 1P0
10. Todd Whalen  
General Delivery  
Walford, Ontario  
POP 2E0

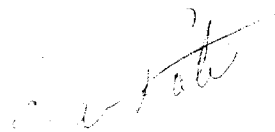
## REFERENCES

1. Donovan F. , 1968  
Geology of Halcrow- Rideout Lakes area, Ontario, Department of Mines,  
Geological Paper 63, p.45.
2. Gordon, J.B., et al, 1979  
Gold deposits of Ontario, Part 2, Ontario Geological Survey, Mineral Deposits  
Circular 18, p.60 & 63-64.
3. Ireland, J.C., 1988  
Mineral Deposit Inventory Record, Patrie Claim Group, Timmins Office, Ontario  
Geological Survey.
4. Ontario Geological Survey Assessment Files, Toronto.
5. Norwin Geological Ltd., December 30, 1991  
Report on the Exploration Programme, Barty Lake Property Denyes Township,  
Ontario, Porcupine Mining Division Ontario for Elliott Strashin & Associates.  
16P., 6 maps.
6. Placer Development Limited, 1984  
Report on Geological & Geochemical Surveys, Dymont Lake Property, Denyes  
Township, Ontario Venture 200.
7. Terraquest Ltd., 1989  
Airbourne Magnetic & VLF-EM survey, Denyes, Halcrow and Greenlaw  
Townships, Porcupine Mining Division, Ontario for Patrie Exploration Services.  
7P., 3 maps.

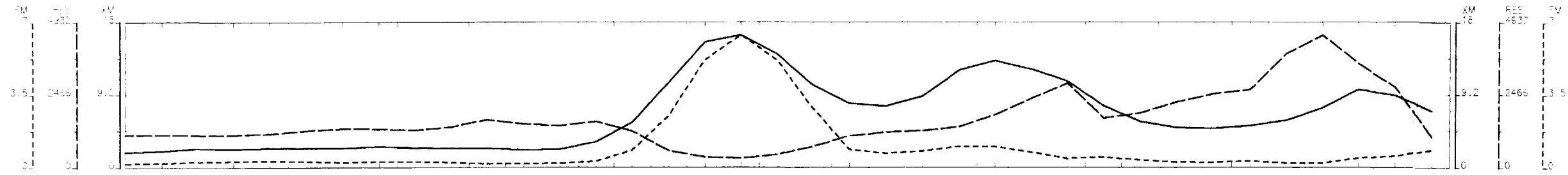
## CERTIFICATE OF QUALIFICATION

I, Daniel Patrie do hereby certify:

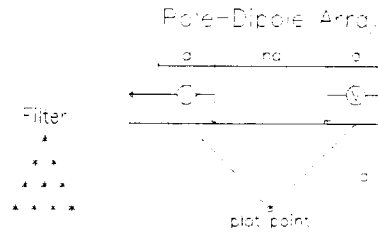
1. that i am a geophysics and geology technologist and reside at Hwy. 17 West, Massey, Ontario, Canada, P.O. Box 45, P0P 1P0,
2. that I graduated from Cambrian College of Applied Arts and Technology in 1987 with a diploma in Geological Technology with a one-year certificate in geophysics,
3. that I have practised my profession continuously since that time and prior to that since 1972, I have been an active prospector,
4. that this report is based on a personal reveiw of provincial, federal and some assessment reports as wellas interpretation of feild observations undertaken on the Dymont Lake property, Denyes Townships, Porcupine Mining Division, Ontario and was present on the property throughout the whole work programme.



Daniel Patrie  
Geological Technologist (Dipl. T)  
October 30, 1996



Line 1111 W



Metal Factor

Filter	5-50 S	5400 S	4450 S	4400 S	3450 S	3400 S	2450 S	2400 S	1450 S	1400 S	0450 S	0400	0450 N	1400 N	1450 N	2400 N	2450 N	3400 N																		
n=1	0.19	0.26	0.45	0.51	0.66	0.58	0.46	0.55	0.47	0.40	0.25	0.26	0.27	0.20	0.22	1.8	5.7	7.1	5.6	3.2	0.93	0.60	0.43	1.5	1.1	0.40	0.50	0.25	0.24	0.29	0.50	0.31	0.21	0.52	0.34	
n=2	0.17	0.22	0.26	0.31	0.30	0.24	0.19	0.27	0.36	0.16	0.16	0.19	0.11	0.10	0.93	3.7	7.6	7.7	4.9	1	0.55	0.62	1.1	1.1	0.31	0.49	0.49	0.21	0.15	0.40	0.27	0.16	0.19	0.30	0.36	
n=3	0.20	0.14	0.19	0.22	0.17	0.14	0.21	0.25	0.14	0.12	0.20	0.13	0.090	0.56	2.5	5.6	7.1	6.6	1.5	0.54	0.55	1.3	1.1	0.97	0.26	0.50	0.63	0.45	0.14	0.25	0.24	0.10	0.19	0.21	0.91	0.94
n=4	0.12	0.14	0.15	0.090	0.10	0.11	0.15	0.10	0.070	0.17	0.11	0.090	0.45	1.6	3.9	5.3	5.8	1.6	0.62	0.46	0.50	0.91	1	0.26	0.39	0.50	0.50	0.25	0.27	0.17	0.090	0.16	0.13	0.52	1.2	0.31

Metal Factor

Resistivity  
Ohm-m

Filter	5-50 S	5400 S	4450 S	4400 S	3450 S	3400 S	2450 S	2400 S	1450 S	1400 S	0450 S	0400	0450 N	1400 N	1450 N	2400 N	2450 N	3400 N																		
n=1	831	656	507	432	376	392	514	572	496	480	923	833	592	806	840	361	221	170	173	180	486	768	1450	1256	1095	1204	2840	1168	1404	1334	1301	761	1105	1995	1972	3226
n=2	1187	1033	642	736	752	1045	1116	834	758	1516	1369	263	1458	1939	661	363	251	254	237	733	1116	885	959	1189	134	4447	1854	1202	1917	3062	1089	1554	4574	3517	3625	1.7
n=3	1296	1213	1203	1176	1502	1766	1302	1035	2111	1952	1136	1816	2560	1123	497	337	292	258	796	1720	1307	802	1112	1327	4829	2246	1477	1452	3733	2093	2029	5910	6095	5322	758	704
n=4	1709	1658	1816	2372	250	1975	1523	3036	2522	1490	2292	2897	1356	761	453	377	327	665	1882	1936	1445	1299	1222	4303	243	1797	1631	2883	2272	3456	7174	7342	8367	1182	1.7	2503

Resistivity  
Ohm-m

Chargeability  
mV/V

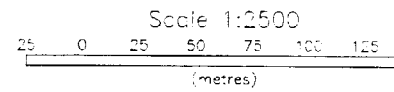
Filter	5-50 S	5400 S	4450 S	4400 S	3450 S	3400 S	2450 S	2400 S	1450 S	1400 S	0450 S	0400	0450 N	1400 N	1450 N	2400 N	2450 N	3400 N																		
n=1	1.9	2.1	2.4	2.3	2.4	2.4	2.6	2.5	2.4	2.4	2.2	2.3	3.2	5.7	11	16	17	14	10	6.1	7.8	9	12	13	12	11	7.8	5.8	5	5	5.2	5.9	7.5	9.9	9.1	7.1
n=2	1.6	1.7	2.4	2.4	2.5	2.3	2.4	3.1	2.3	1.9	2.3	2.2	1.6	1.5	1.8	6.6	12	12	10	5.8	4.5	4.6	6.2	13	12	13	11	6.2	3.8	3.2	3.7	3.8	3.4	4.3	10	11
n=3	2	2.6	2.5	2.3	2.2	2.5	2.2	2.3	2.7	2.5	2.2	1.7	1.6	2	6.3	13	20	17	12	7.5	6.5	5.5	11	13	14	14	9.2	5.9	4.1	4.1	4.7	4.1	4.6	10	11	7.1
n=4	2.7	1.8	2.2	2.5	2.7	2.5	2.8	2.5	3	2.6	2.2	2.4	2.4	6.3	12	19	21	17	12	9.3	7.2	12	12	13	12	11	9.3	6.5	5.2	5.3	4.9	5.6	11	11	6.9	6.6
n=4	2	2.3	2.8	2.2	2.6	2.3	2.3	3.1	1.8	2.5	2.5	2.7	6.1	12	17	20	19	14	12	8.6	12	12	13	12	9.7	9	8.5	7.1	6.0	5.7	6.4	11	11	6.2	7.1	7.8

Chargeability  
mV/V

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

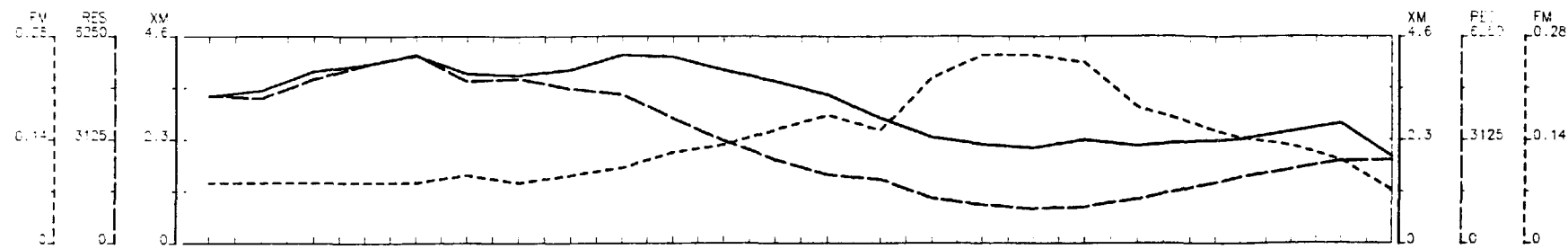
INTERPRETATION

- 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.



**EAST-WEST  
INDUCED POLARIZATION SURVEY  
DYMENT LAKE PROPERTY  
INDUCED POLARIZATION**  
Date: 96/10/25  
interpretation: D. PATRIE AND E. PATRIE  
**DAN PATRIE EXPLORATION**





Metal Factor

	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S												
Filter	0.080	0.080	0.080	0.080	0.090	0.10	0.12	0.13	0.15	0.17	0.15	0.22	0.25	0.25	0.24	0.18	0.16	0.14	0.13	0.11	0.070			
n=1		0.10	0.12	0.11	0.11	0.13	0.090	0.12	0.14	0.18	0.16	0.16	0.24	0.19	0.42	0.50	0.46	0.38	0.24	0.24	0.22	0.21	0.15	0.050
n=2		0.060	0.080	0.080	0.080	0.080	0.080	0.12	0.13	0.14	0.20	0.13	0.19	0.23	0.26	0.28	0.24	0.16	0.13	0.12	0.12	0.12	0.10	
n=3		0.090	0.060	0.060	0.060	0.060	0.080	0.070	0.070	0.10	0.12	0.16	0.13	0.14	0.12	0.14	0.16	0.20	0.18	0.11	0.090	0.080	0.080	
n=4	0.14	0.10	0.060	0.060	0.060	0.060	0.070	0.080	0.070	0.070	0.10	0.15	0.12	0.14	0.13	0.10	0.14	0.070	0.11	0.18	0.080	0.070	0.080	

Metal Factor

Resistivity  
Ohm-m

	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S												
Filter	4446	4368	4950	5364	5682	4871	4963	4665	4480	3763	3088	2510	2064	1928	1348	1160	1046	1088	1325	1655	1904	2229	2477	2511
n=1		3105	3353	3478	3546	2460	4008	3006	2656	1950	1980	1941	1193	1327	517	498	500	612	796	875	963	1135	1798	2271
n=2		4843	4678	4737	5166	3570	3792	4398	4921	3833	3068	2461	1758	2128	1127	892	811	857	1082	1304	1652	1813	2317	2400
n=3		3593	6033	5824	6517	6888	7580	3870	5865	6104	4976	3142	2231	2908	2185	1654	1255	1292	1244	1499	2030	2582	3143	2884
n=4	2081	3679	5802	6261	6712	7554	6809	3916	5831	6488	4703	2610	2823	2784	2469	1827	1452	1488	1326	1635	2438	3521	3182	

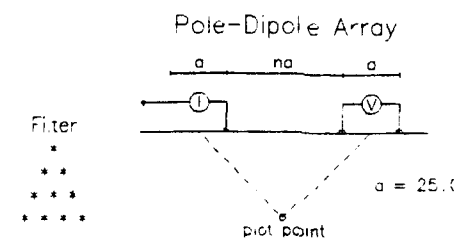
Resistivity  
Ohm-m

Chargability  
mV/V

	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S												
Filter	3.2	3.4	3.8	3.9	4.1	3.7	3.7	3.8	4.2	4.1	3.8	3.6	3.3	2.8	2.3	2.2	2.1	2.3	2.1	2.2	2.3	2.5	2.7	1.9
n=1		3.2	3.9	3.7	3.8	3.2	3.5	3.8	3.8	3.5	3.2	3.1	2.9	2.5	2.2	2.5	2.3	2.3	1.9	2.1	2.1	2.4	2.8	1.2
n=2		3.1	3.6	3.9	4.1	4.2	3.2	3.5	4	4.4	4	3.5	3.5	2.8	2.1	2	2.3	2.4	2.6	2.1	2.2	2.2	2.8	2.5
n=3		3.2	3.5	3.6	4.1	4.4	4.4	3.2	3.8	4.4	4.8	3.9	3.5	3.8	3	2	1.8	2.3	2.5	2.7	2.2	2.3	2.5	2.6
n=4	2.9	3.5	3.3	4	4.3	4.5	4.5	3.2	4.3	4.8	4.9	3.8	3.5	3.8	3.2	2	2	1	1.5	3	2.1	2.6	2.4	

Chargability  
mV/V

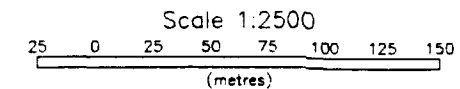
### Line 1600 W



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

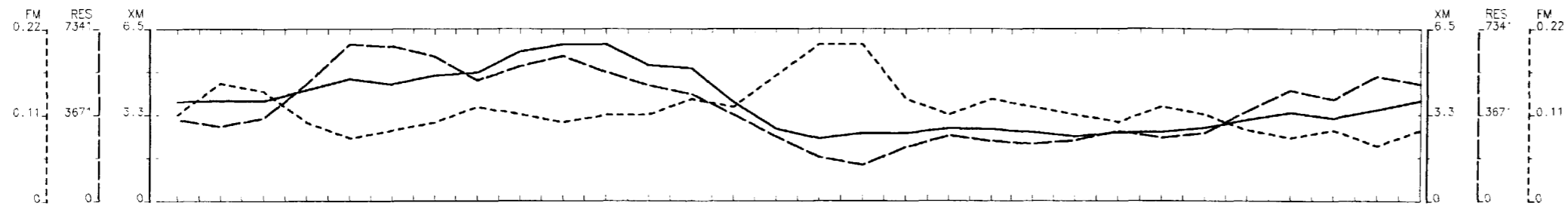
### INTERPRETATION

- 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.



**EAST-WEST  
INDUCED POLARIZATION SURVEY  
DYMENT LAKE PROPERTY  
INDUCED POLARIZATION**  
Date: 96/10/26  
Interpretation: D.PATRIE AND B.PATRIE  
**DAN PATRIE EXPLORATION**

L 1500 WEST



Metal Factor

	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S																	
Filter	0.11	0.15	0.14	0.10	0.080	0.090	0.10	0.12	0.11	0.10	0.11	0.11	0.13	0.12	0.16	0.20	0.13	0.11	0.13	0.12	0.11	0.10	0.12	0.11	0.090	0.080	0.090	0.070	0.090			
n=1		0.27	0.26	0.18	0.14	0.17	0.17	0.20	0.16	0.15	0.17	0.15	0.26	0.21	0.33	0.40	0.35	0.14	0.15	0.21	0.17	0.16	0.14	0.22	0.16	0.12	0.11	0.15	0.090	0.12		
n=2		0.13	0.12	0.11	0.080	0.070	0.080	0.11	0.12	0.080	0.090	0.12	0.090	0.14	0.11	0.14	0.24	0.19	0.070	0.090	0.13	0.11	0.080	0.10	0.13	0.090	0.080	0.060	0.080	0.050		
n=3		0.13	0.11	0.090	0.080	0.060	0.050	0.070	0.090	0.090	0.080	0.090	0.12	0.090	0.10	0.070	0.11	0.18	0.14	0.070	0.090	0.12	0.090	0.070	0.080	0.10	0.080	0.060	0.050	0.070		
n=4		0.090	0.10	0.080	0.070	0.050	0.040	0.040	0.070	0.080	0.10	0.070	0.080	0.12	0.070	0.070	0.070	0.070	0.070	0.090	0.16	0.13	0.080	0.080	0.090	0.070	0.060	0.060	0.090	0.070	0.060	0.050

Metal Factor

Resistivity  
Ohm-m

	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S															
Filter	3468	3155	3524	4977	6674	6578	6161	5136	5730	6178	5489	4914	4544	3871	2725	1856	1530	2276	2776	2543	2422	2565	2956	2680	2885	3814	4664	4331	5302	4977
n=1		1361	1368	2214	2998	1949	2384	1790	3536	4273	4012	3597	2413	1008	557	567	846	1671	1627	1159	1369	1161	1617	1062	1824	2287	2872	1973	4407	3396
n=2		2734	3081	3173	5419	7104	4899	4339	4283	7319	7615	4902	5073	3932	2187	1206	953	1479	3367	3139	1911	1903	2873	2556	2009	2708	5369	4809	3314	7523
n=3		2845	3556	4800	4853	8576	1111	6119	5945	5838	8105	6078	4225	5395	3485	3284	1563	1173	2071	4180	3459	1948	2937	3899	3375	2415	3582	6598	6012	3973
n=4		4025	3721	4836	6146	6626	12K	13K	7909	7265	6133	6502	5287	4475	7288	7851	3868	1756	1552	2550	4305	3564	2780	3798	4994	4806	2581	4173	7000	7550

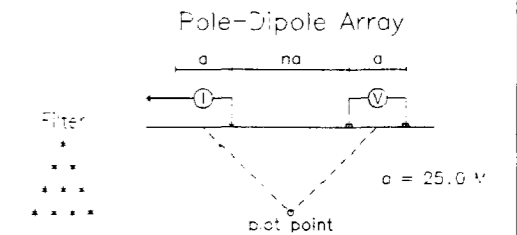
Resistivity  
Ohm-m

Chargability  
mV/V

	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S															
Filter	3.7	3.8	3.8	4.2	4.6	4.4	4.7	4.8	5.6	5.9	5.9	5.1	5	3.7	2.7	2.3	2.5	2.5	2.7	2.7	2.6	2.4	2.6	2.6	2.8	3	3.3	3.1	3.4	3.8
n=1		3.6	3.5	4	4.3	3.4	4.1	3.6	5.7	6.3	6.7	5.3	4.8	2.1	1.8	2.2	2.9	2.3	2.5	2.4	2.4	2.1	2.3	2.3	2.8	2.6	3.2	3	3.8	4
n=2		3.7	3.8	3.5	4.6	4.8	3.8	4.7	5.2	6	6.9	5.8	4.7	5.3	2.4	1.7	2.2	2.8	2.5	2.7	2.5	2.1	2.3	2.5	2.5	2.5	4.1	3	2.6	4
n=3		3.7	3.8	3.9	3.8	5	5.2	4.5	5.5	5.5	6.3	5.3	5	4.9	5.4	2.5	1.7	2.2	2.8	2.7	3.3	2.4	2.7	2.7	2.8	2.4	2.8	4	2.8	2.8
n=4		3.7	3.8	3.9	4.3	4.1	5.4	5.6	5.2	5.9	5.8	4.8	4.4	5.3	5.1	5.5	2.8	1.6	2.4	3.2	3.3	2.8	2.6	2.5	3.1	2.9	2.8	3	3.9	3.7

Chargability  
mV/V

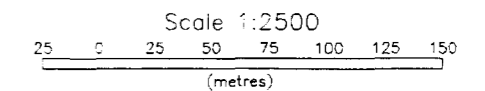
Line 1500 W



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.

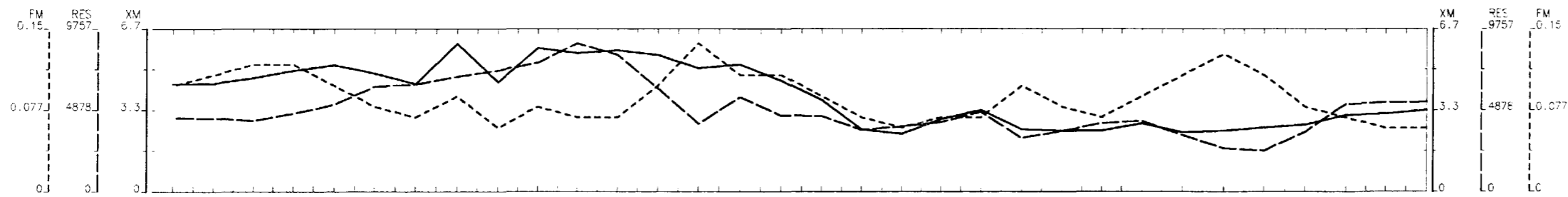


**EAST-WEST  
INDUCED POLARIZATION SURVEY  
DYMENT LAKE PROPERTY  
INDUCED POLARIZATION**

Date: 96/10/26  
Interpretation: D. PATRIE AND B. PATRIE

**DAN PATRIE EXPLORATION**

L 1400 WEST



Meta Factor

Filter	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S	Filter																				
n=1	0.10	0.11	0.12	0.10	0.080	0.070	0.090	0.060	0.080	0.070	0.10	0.14	0.11	0.11	0.090	0.070	0.070	0.10	0.14	0.11	0.11	0.090	0.070	0.090	0.080	0.14	0.050	0.080	0.17	0.19	0.20	0.13	0.060	0.050	0.070	0.070	n=1
n=2		0.11	0.10	0.16	0.10	0.12	0.070	0.060	0.10	0.040	0.090	0.080	0.11	0.16	0.10	0.080	0.070	0.0	0.060	0.070	0.060	0.12	0.090	0.050	0.10	0.15	0.13	0.11	0.10	0.070	0.040	0.070	n=2				
n=3	0.10	0.090	0.090	0.10	0.090	0.090	0.050	0.050	0.040	0.040	0.10	0.12	0.18	0.070	0.070	0.050	0.050	0.060	0.070	0.15	0.060	0.040	0.070	0.13	0.11	0.10	0.10	0.070	0.040	n=3							
n=4	0.10	0.090	0.10	0.050	0.090	0.060	0.090	0.050	0.050	0.10	0.040	0.090	0.070	0.11	0.14	0.12	0.070	0.070	0.080	0.080	0.050	0.080	0.080	0.040	0.030	0.050	0.090	0.12	0.090	0.070	n=4						

Meta Factor

Resistivity  
Ohm-m

Filter	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S	Filter																
n=1	4401	4377	4238	4654	5211	6287	6416	6873	7243	7715	8870	8178	6172	4032	5651	4545	4515	3882	3876	4146	4751	3187	3604	4073	4222	3372	2599	2461	3558	5227	5336	5361	n=1
n=2		3347	2582	3198	3956	7967	7733	5756	5997	8177	124	9734	5589	3093	111	3553	2893	2604	4514	4222	4527	1396	4469	3047	1721	937	1257	2107	4717	5913	4330	4802	n=2
n=3	3928	4920	4993	4815	5893	5786	5083	6397	988	7493	6576	8809	7076	4348	1714	6488	6449	4073	2192	4295	5806	514	1086	4468	7202	4739	1681	2155	2837	4680	8299	n=3	
n=4	3839	4550	5276	7737	6153	6652	5462	5554	7078	8866	7065	5455	7315	5597	3112	257	6201	6668	3570	2236	4310	5011	407	1412	6170	8827	5765	1757	2233	3483	5529	n=4	

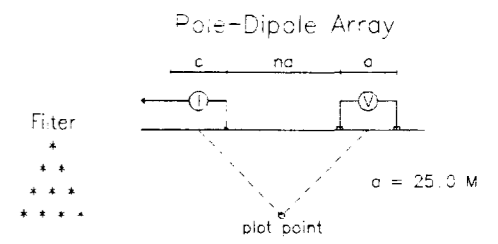
Resistivity  
Ohm-m

Chargeability  
mV/V

Filter	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S	Filter																
n=1	4.4	4.4	4.6	4.9	5.2	4.8	4.4	6.1	4.5	5.8	5.7	5.8	5.6	5	5.2	4.5	3.7	2.5	2.3	2.9	3.3	2.5	2.5	2.5	2.8	2.4	2.5	2.6	2.7	3.1	3.2	3.3	n=1
n=2		4.5	4.7	5.5	5.5	5.6	6.3	8.5	2.7	7.2	6.3	6.6	5.2	5.2	7.4	5.1	3.2	2.4	3.3	3.7	3.7	1.9	2.4	2.5	2.9	1.8	2.5	2.7	2.6	3	3	3.4	n=2
n=3	4.1	4.5	4.5	5	5.2	4.9	2.6	3	8.8	3.3	5.8	4.7	6.8	5.3	3.1	4.8	4.6	2.9	1	2.3	3.7	3.4	1.6	2.7	2.9	3.3	2.2	2.4	2.9	3.2	3.5	n=3	
n=4	3.9	4	5.4	3.5	5.4	3.9	5	2.7	3.8	8.1	2.8	5.5	5.1	6.1	4.4	3	4.2	4.9	3	1.8	2.3	3.9	3.5	1.1	2.5	2.8	3.1	1.7	2.7	3.3	3.6	n=4	

Chargeability  
mV/V

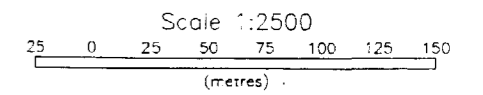
### Line 1400 W



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

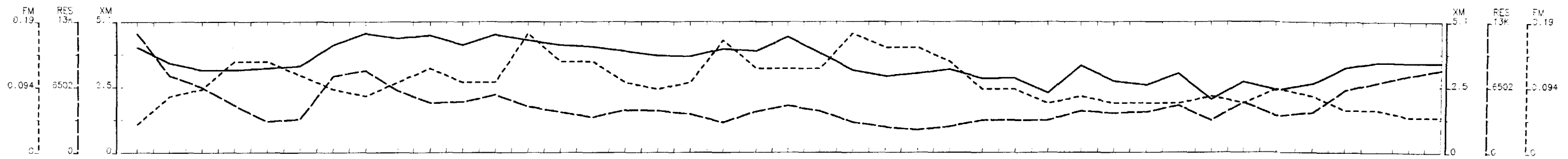
### INTERPRETATION

- 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.



**EAST-WEST  
INDUCED POLARIZATION SURVEY  
DYMENT LAKE PROPERTY  
INDUCED POLARIZATION**  
Date: 96/10/26  
Interpretation: D. PATRIE AND B. PATRIE  
**DAN PATRIE EXPLORATION**

L1300 WEST

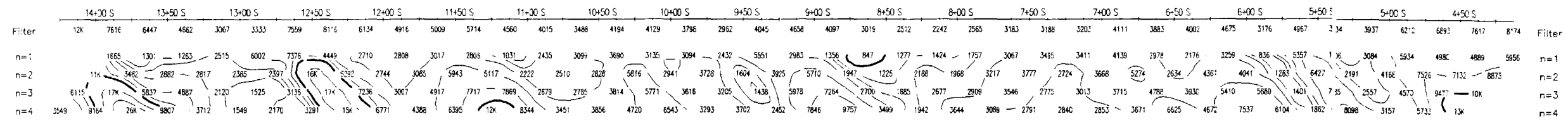


Metri Factor

Filter	14+00 S	13+50 S	13+00 S	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S	4+50 S	Filter																				
n=1	0.040	0.080	0.090	0.13	0.13	0.11	0.090	0.080	0.10	0.12	0.10	0.10	0.17	0.13	0.13	0.10	0.10	0.090	0.10	0.16	0.12	0.12	0.12	0.17	0.15	0.15	0.13	0.090	0.080	0.070	0.080	0.070	0.070	0.080	0.070	0.140	0.080	0.060	0.060	0.050	0.050
n=2		0.16	0.19	0.23	0.15	0.080	0.070	0.11	0.15	0.17	0.13	0.16	0.36	0.17	0.14	0.080	0.090	0.11	0.23	0.080	0.14	0.19	0.30	0.23	0.22	0.16	0.080	0.11	0.050	0.090	0.070	0.10	0.11	0.10	0.080	0.12	0.090	0.080	0.070	0.070	0.040
n=3	0.050	0.030	0.050	0.140	0.15	0.080	0.030	0.070	0.12	0.090	0.060	0.070	0.15	0.14	0.11	0.090	0.10	0.090	0.24	0.080	0.070	0.12	0.12	0.11	0.11	0.090	0.050	0.090	0.090	0.080	0.050	0.050	0.060	0.11	0.140	0.080	0.050	0.040	0.040		
n=4	0.090	0.040	0.020	0.040	0.080	0.14	0.090	0.030	0.080	0.090	0.080	0.040	0.060	0.13	0.10	0.10	0.070	0.11	0.090	0.15	0.070	0.050	0.090	0.14	0.090	0.13	0.090	0.080	0.090	0.090	0.070	0.050	0.050	0.060	0.10	0.040	0.090	0.050	0.030		

Metri Factor

Resistivity  
Ohm-m



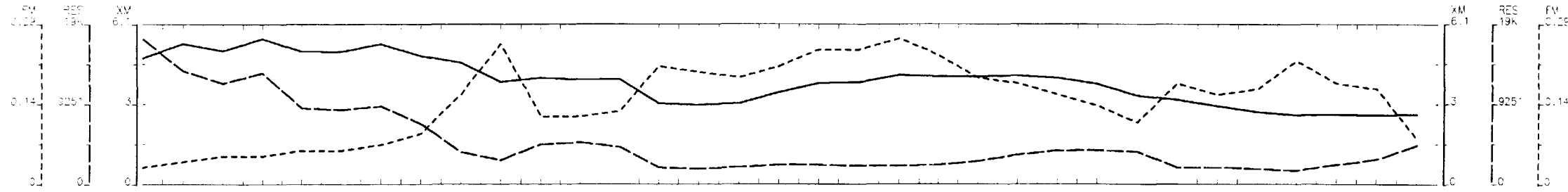
Resistivity  
Ohm-m

Chargability  
mV/V

Filter	14+00 S	13+50 S	13+00 S	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S	4+50 S	Filter																				
n=1	4.1	3.5	3.2	3.2	3.3	3.4	4.2	4.5	4.4	4.6	4.2	4.6	4.4	4.2	4.1	3.9	3.8	3.7	4	3.9	4.5	3.9	3.2	3	3.1	3.2	2.9	2.9	2.3	3.4	2.8	2.6	3.1	2	2.7	4	2.7	3.3	3.5	3.5	3.5
n=2		2.6	2.5	3	3.7	4.6	5.2	4.8	4.3	4.8	3.8	4.5	3.7	4.1	4.3	3.1	2.8	3.5	5.6	4.2	4.2	2.6	2.5	2.9	3.1	2.8	2.4	4	1.9	3.7	2.2	2.1	3.5	0.80	3.1	1	2.9	3.6	3.6	3.3	3.3
n=3	3	4.6	2.9	2.7	3.6	3.3	3.2	5.8	4.8	4.1	4.3	4	5.2	3.8	3.5	3.5	3.9	3.3	3.5	3.1	4.5	4.9	3	2.3	2.8	3.5	4.2	2.7	1.9	2.6	4.1	1.6	2.7	2.9	1.4	3.1	2	2.8	4	3.3	3.5
n=4	3.1	3.7	5.1	3.9	2.9	2.7	3	2.9	5.5	5.1	3.8	4.9	4.5	5.1	4	4	4.2	5.3	3.8	2.8	3.5	5.1	5.4	3.2	2.1	3	3.2	3.1	1.4	2.8	3.2	3.9	1.9	2.8	3.1	1.5	1	2.1	3	4	3.6

Chargability  
mV/V

L 1200 WEST

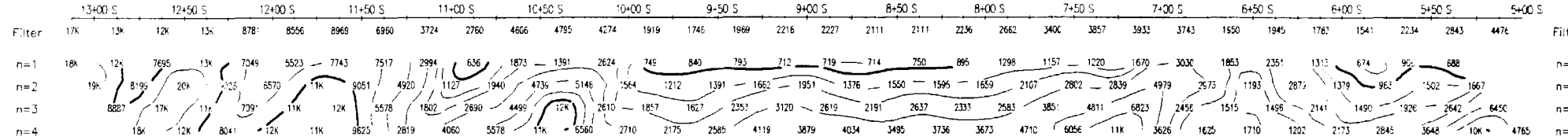


Meta Factor

Filter	13+00 S	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S	Filter	
n=1	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.10	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	n=1
n=2	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	n=2
n=3	0.010	0.015	0.020	0.025	0.030	0.035	0.040	0.045	0.050	0.055	0.060	0.065	0.070	0.075	0.080	0.085	0.090	0.095	n=3
n=4	0.005	0.007	0.009	0.011	0.013	0.015	0.017	0.019	0.021	0.023	0.025	0.027	0.029	0.031	0.033	0.035	0.037	0.039	n=4

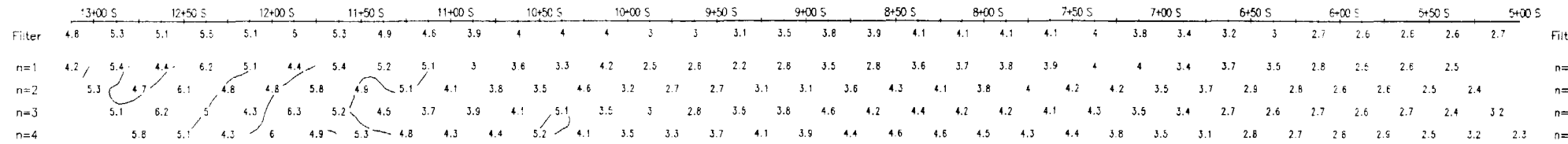
Meta Factor

Resistivity  
Ohm-m



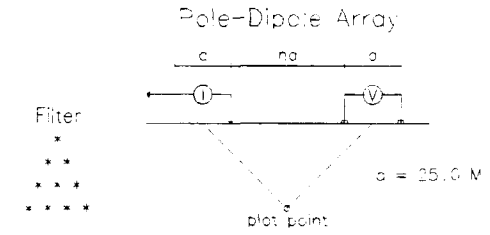
Resistivity  
Ohm-m

Chargeability  
mV/V



Chargeability  
mV/V

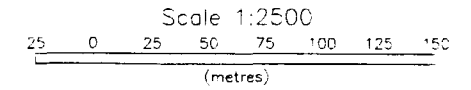
### Line 1200 W



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

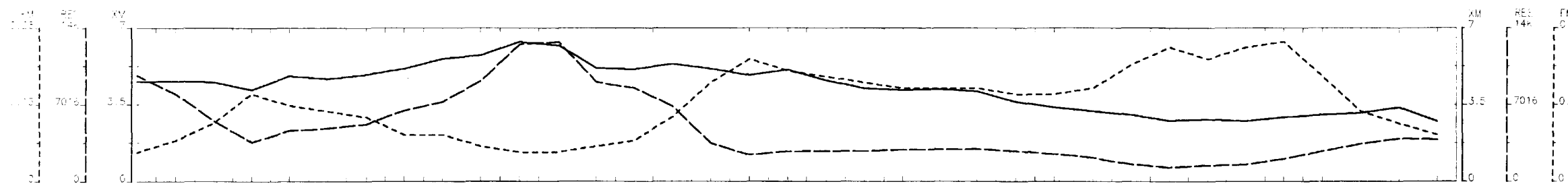
### INTERPRETATION

- 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.



**EAST-WEST  
INDUCED POLARIZATION SURVEY  
DYMENT LAKE PROPERTY  
INDUCED POLARIZATION**  
Date: 96/10/26  
Interpretation: D. PATRIE AND B. PATRIE  
**DAN PATRIE EXPLORATION**

L1100WEST



Metal Factor

Filter	0.250	0.070	0.10	0.15	0.13	0.12	0.11	0.080	0.080	0.060	0.050	0.050	0.060	0.070	0.11	0.17	0.21	0.19	0.18	0.17	0.16	0.16	0.15	0.15	0.16	0.20	0.23	0.21	0.22	0.24	0.18	0.12	0.10	0.080	Filter	
n=1	0.040	0.050	0.070	0.23	0.22	0.19	0.15	0.10	0.12	0.080	0.040	0.040	0.070	0.070	0.070	0.12	0.22	0.23	0.23	0.25	0.23	0.23	0.25	0.23	0.17	0.24	0.33	0.25	0.40	0.48	0.39	0.25	0.16	n=1		
n=2	0.040	0.060	0.20	0.11	0.090	0.14	0.10	0.10	0.070	0.050	0.050	0.060	0.050	0.060	0.14	0.28	0.21	0.21	0.17	0.15	0.16	0.16	0.17	0.15	0.14	0.20	0.26	0.25	0.22	0.27	0.21	0.13	0.10	0.11	n=2	
n=3	0.050	0.070	0.10	0.050	0.080	0.080	0.10	0.060	0.060	0.060	0.070	0.040	0.040	0.11	0.25	0.21	0.19	0.15	0.15	0.12	0.14	0.12	0.11	0.12	0.10	0.17	0.21	0.20	0.20	0.18	0.15	0.080	0.060	0.070	0.070	n=3
n=4	0.11	0.17	0.13	0.060	0.060	0.060	0.050	0.050	0.060	0.070	0.050	0.050	0.090	0.22	0.18	0.16	0.13	0.14	0.12	0.11	0.090	0.090	0.080	0.13	0.18	0.12	0.15	0.10	0.070	0.050	0.070	0.050	0.060	0.060	n=4	

Metal Factor

Resistivity Ohm-m

Filter	9662	8008	5503	3571	4611	4828	5196	6486	7251	9186	13K	13K	9051	8534	6863	3483	2401	2735	2777	2789	2880	2973	2849	2766	2506	2181	1576	1282	1460	1531	2064	2701	3436	3904	3830	Filter
n=1	12K	10K	6675	1387	1783	1960	3213	4931	4921	7681	16K	18K	7269	5458	8074	4591	2229	2103	1576	1461	1637	1582	1577	1527	1487	1753	1302	768	1002	704	642	811	1242	2708	n=1	
n=2	9935	9051	631	3750	4487	3131	4693	5991	6874	12K	19K	8709	10K	10K	3737	1789	2288	2527	2308	2408	2517	2855	2275	2332	2444	1752	1064	1280	1114	1025	1364	2252	3850	2641	n=2	
n=3	8040	2573	4316	7102	5469	5593	6117	8339	10K	12K	7851	11K	13K	5101	1694	2427	3125	3401	3425	3027	3708	3355	3350	3475	2106	1335	1628	1423	1588	1930	3615	5580	2592	4101	n=3	
n=4	2552	4767	7131	7576	8158	7092	8900	11K	10K	6475	9602	12K	6138	2212	2363	3307	3846	4301	3732	4018	4096	4246	4377	2645	1445	1806	1650	1914	2899	4171	7118	4456	4964	4367	n=4	

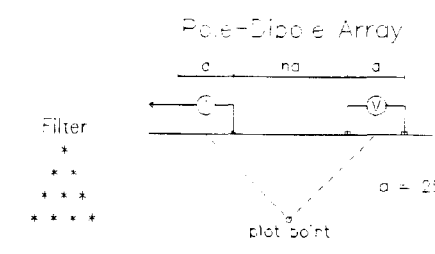
Resistivity Ohm-m

Chargeability mv/v

Filter	4.5	4.6	4.5	4.2	4.8	4.7	4.9	5.1	5.6	5.8	6.4	6.2	5.2	5.1	5.4	5.1	4.8	5.1	4.6	4.3	4.2	4.2	4.1	3.6	3.4	3.2	3	2.8	2.8	2.7	2.9	3	3.1	3.4	2.8	Filter
n=1	5.3	5.1	4.4	3.2	3.8	3.8	4.5	4.9	5.8	5.9	7.1	7.4	5.3	4.8	5.6	5.7	4.9	4.9	3.6	3.7	3.8	4.2	4.6	3.8	3.4	3	3.1	2.5	2.8	2.8	3.1	3.2	3.1	4.2	n=1	
n=2	4.2	5	3.3	4.3	4.1	4.4	4.7	5.7	5	6.5	7.6	5.1	4.6	5.8	5.2	4.6	4.7	5.2	3.9	3.7	4.1	4.5	3.8	3.5	3.4	3.4	2.8	2.9	2.6	2.7	2.9	2.9	3.5	3	n=2	
n=3	4.1	1.9	4.2	4.3	4.6	4.8	6	5.2	5.8	7.1	5.3	4.7	5.3	5.7	4.3	5.1	5.9	5.2	4	4.2	4.4	3.8	3.4	3.4	3.5	2.8	3.3	2.8	2.8	2.9	2.9	3.6	2.5	2.7	n=3	
n=4	2.7	8.1	9.3	4.8	5	5.3	4.4	5.6	6.6	4.8	4.4	5.7	5.5	4.5	4.2	5.3	5.1	6.1	4.5	4.6	3.8	3.8	3.4	3.3	2.6	3.3	2	2.9	2.9	2.8	3.2	3	2.6	2.5	n=4	

Chargeability mv/v

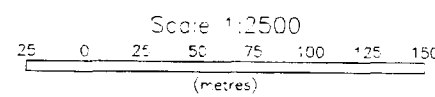
Line 1100 W



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

INTERPRETATION

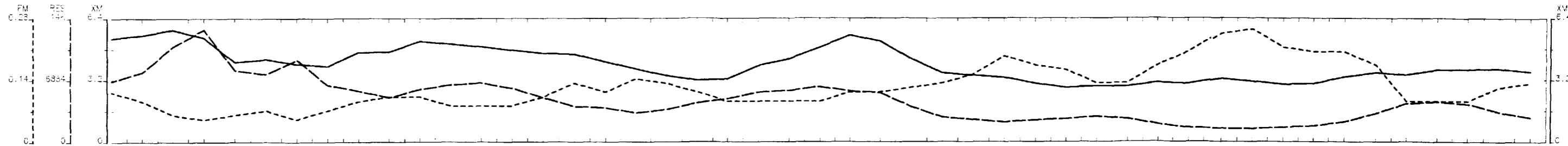
- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.



**EAST-WEST  
INDUCED POLARIZATION SURVEY  
DYMENT LAKE PROPERTY  
INDUCED POLARIZATION**  
Date: 96/10/25  
Interpretation: D. PATRIE AND B. PATRIE  
**DAN PATRIE EXPLORATION**



L 900 WEST



Metal Factor

	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S	4+50 S	4+00 S	3+50 S	3-00 S																							
Filter	0.11	0.090	0.060	0.050	0.060	0.070	0.050	0.070	0.090	0.10	0.10	0.080	0.080	0.080	0.10	0.12	0.11	0.14	0.13	0.11	0.090	0.090	0.090	0.090	0.11	0.11	0.12	0.13	0.15	0.19	0.17	0.16	0.13	0.13	0.17	0.20	0.24	0.25	0.21	0.20	0.20	0.17	0.090	0.090	0.060	0.12	0.13
n=1	0.15	0.13	0.050	0.036	0.030	0.10	0.050	0.080	0.12	0.13	0.13	0.12	0.090	0.090	0.11	0.18	0.12	0.22	0.25	0.22	0.18	0.14	0.15	0.12	0.15	0.090	0.090	0.12	0.15	0.31	0.31	0.34	0.23	0.17	0.23	0.24	0.35	0.40	0.32	0.33	0.34	0.31	0.14	0.12	0.090	0.12	
n=2	0.080	0.070	0.040	0.050	0.080	0.040	0.050	0.090	0.12	0.11	0.090	0.080	0.070	0.090	0.10	0.12	0.13	0.14	0.12	0.080	0.10	0.080	0.10	0.090	0.12	0.11	0.14	0.11	0.20	0.18	0.17	0.12	0.10	0.14	0.18	0.25	0.27	0.24	0.17	0.23	0.23	0.080	0.090	0.090	0.090	0.14	
n=3		0.060	0.050	0.060	0.070	0.040	0.050	0.050	0.090	0.11	0.080	0.060	0.070	0.080	0.10	0.080	0.14	0.11	0.080	0.050	0.060	0.070	0.060	0.070	0.12	0.14	0.12	0.14	0.14	0.12	0.080	0.070	0.11	0.13	0.19	0.22	0.15	0.12	0.15	0.19	0.080	0.060	0.060	0.10	0.12	0.15	
n=4		0.040	0.090	0.12	0.040	0.050	0.040	0.070	0.090	0.080	0.060	0.060	0.070	0.090	0.080	0.11	0.13	0.070	0.040	0.050	0.040	0.050	0.060	0.060	0.080	0.16	0.13	0.15	0.11	0.10	0.060	0.050	0.10	0.13	0.15	0.24	0.15	0.11	0.12	0.16	0.10	0.060	0.060	0.080	0.11	0.13	0.15

Resistivity  
Ohm-m

	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S	4+50 S	4+00 S	3+50 S	3-00 S																								
Filter	6759	7758	11K	13K	7987	7541	9137	6312	5675	4925	5841	6345	6555	5968	4904	3629	3777	3229	3595	4299	4781	5498	5681	6112	5627	5436	3895	2736	2455	2176	2414	2567	2808	2555	1931	1582	1455	1437	1602	1750	2205	3159	4257	4439	4189	3296	2715	
n=1	2861	3546	9373	19K	11K	3623	8508	3772	3381	2957	3750	4183	5117	4949	3568	2272	2705	1508	1274	1210	1377	2528	2407	3316	4068	7388	5296	2436	1563	993	947	769	1186	1435	1185	982	889	756	956	843	947	1156	2310	3259	3814	3202		
n=2		6011	7856	17K	7312	5389	12K	6867	4861	3623	4807	5856	6178	6649	5325	4258	3605	2844	2418	2570	3356	3582	4612	4113	6351	3521	4649	2438	2916	1646	1692	1592	2143	2646	1961	1526	130	1216	1186	1570	1331	1562	3833	4302	4354	4226	2535	
n=3			11K	14K	63E7	6101	12K	6965	7641	5033	5110	6644	8436	7308	6463	4912	5751	3378	3575	4178	5673	6080	8231	6483	7077	8794	3542	2509	3210	2666	2389	2406	3670	4017	2782	2137	1831	1515	1624	1849	1954	1889	4256	5644	5597	4291	3044	2448
n=4			17K	5449	5382	8991	6676	17K	6377	6371	7003	8374	8854	6640	5295	6048	4208	3770	5742	6547	8485	10K	8033	9814	9515	5961	2356	3424	2803	3498	3157	4784	5547	3586	2721	2161	1171	1677	2363	2205	2475	4294	5941	6304	4957	3157	2944	2310

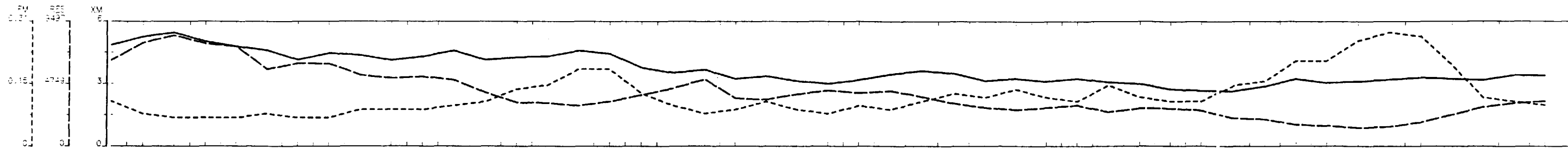
Chargeability  
mV/V

	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S	4+50 S	4+00 S	3+50 S	3-00 S																								
Filter	5.3	5.5	5.8	5.4	4.1	4.3	4	3.9	4.6	4.6	5.2	5	4.9	4.7	4.6	4.5	4.1	3.6	3.4	3.2	3.2	3.9	4.3	4.9	5.5	5.2	4.3	3.5	3.4	3.3	3	2.8	2.8	2.8	3	3	3.2	3.1	2.9	3	3.3	3.6	3.5	3.7	3.7	3.6	3.6	
n=1	4.6	4.4	5	5.5	3.4	3.7	4	3.1	4.2	3.7	4.9	5	4.7	4.2	4	4	3.4	3.4	3.2	2.7	2.5	3.6	3.5	4.1	5.3	6.5	4.6	3	2.8	3.1	3	2.6	2.7	2.4	2.7	2.4	3.1	3	3.1	2.8	3.2	3.6	3.2	3.6	3.4	3.7		
n=2		5.1	5.6	6.3	3.8	4.2	4.4	3.1	4.3	4.2	5.2	5.1	5	4.8	4.7	4.3	4.5	3.7	3.4	3	2.7	3.6	3.8	3.9	6	4.4	5.1	3.5	3.2	3.4	3.1	2.6	2.7	2.8	2.7	3	3.3	2.8	2.6	3	3.7	3.1	3.7	3.8	4	3.6		
n=3			6.3	6.9	4.5	4.4	4.5	3.3	4.2	4.3	5.7	5.2	5	4.9	5.2	4.8	4.8	4.8	3.8	3.5	3	3.7	4.1	4.1	5.5	6.3	4.3	3.6	3.9	3.8	3.3	2.9	2.8	2.8	3.1	2.9	3	3.4	3.1	2.5	2.9	3.6	3.2	3.5	3.4	4.2	3.6	3.6
n=4			7.6	5.2	5.6	3.3	3.4	6	4.2	5.8	5.5	4.9	5.2	4.8	5	4.8	4.8	4.7	4	2.8	3.8	4.3	3.8	5.7	6.1	4.6	3.8	4.3	4.4	3.7	3.2	2.8	2.8	3.4	3.5	3.3	4.8	3	2.7	2.7	3.9	4.1	3.8	3.5	4.1	3.6	3.7	3.4



L 800 WEST

800 WEST



Metal Factor

	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S	4+50 S	4+00 S	3+50 S	3+00 S																						
Filter	0.11	0.08	0.07	0.07	0.08	0.07	0.07	0.06	0.09	0.09	0.10	0.11	0.14	0.15	0.13	0.13	0.08	0.09	0.11	0.03	0.08	0.10	0.09	0.11	0.13	0.12	0.14	0.12	0.11	0.15	0.12	0.11	0.11	0.15	0.16	0.21	0.21	0.26	0.28	0.27	0.22	0.12	0.11	0.11		
n=1	0.17	0.13	0.09	0.07	0.08	0.11	0.08	0.10	0.14	0.14	0.13	0.12	0.22	0.22	0.32	0.36	0.25	0.15	0.08	0.10	0.16	0.14	0.12	0.16	0.13	0.18	0.19	0.15	0.21	0.16	0.13	0.25	0.21	0.20	0.14	0.21	0.18	0.27	0.27	0.39	0.45	0.47	0.37	0.15		
n=2	0.06	0.06	0.07	0.05	0.08	0.07	0.06	0.08	0.10	0.09	0.09	0.06	0.14	0.12	0.18	0.22	0.15	0.12	0.07	0.09	0.13	0.11	0.07	0.09	0.10	0.10	0.12	0.14	0.14	0.12	0.10	0.15	0.16	0.11	0.09	0.14	0.11	0.24	0.21	0.21	0.31	0.33	0.31	0.10	0.12	
n=3	0.05	0.06	0.06	0.10	0.06	0.06	0.07	0.05	0.06	0.07	0.07	0.08	0.14	0.11	0.12	0.16	0.11	0.10	0.05	0.08	0.10	0.11	0.07	0.07	0.07	0.09	0.08	0.10	0.12	0.11	0.09	0.12	0.10	0.07	0.07	0.12	0.08	0.21	0.15	0.15	0.21	0.25	0.23	0.29	0.11	0.12
n=4		0.25	0.05	0.10	0.05	0.06	0.07	0.05	0.06	0.06	0.05	0.09	0.09	0.09	0.11	0.08	0.07	0.04	0.07	0.09	0.08	0.05	0.05	0.05	0.06	0.07	0.07	0.10	0.08	0.07	0.14	0.09	0.08	0.06	0.07	0.15	0.15	0.15	0.17	0.18	0.18	0.14	0.06	0.08	0.07	0.11

Resistivity Ohm-m

	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S	4+50 S	4+00 S	3+50 S	3+00 S																							
Filter	6524	7872	8416	7787	7580	5853	6293	6273	5409	5162	5275	5048	4073	3313	3772	3078	3401	3896	4413	5080	3635	3538	3942	4235	4037	4206	3750	3226	2933	2785	2915	3100	2582	2866	2851	2714	2116	2021	1636	1559	1387	1471	1799	2375	2927	3265	3378
n=1	2274	3200	5495	6624	8303	4214	4936	4803	3261	2717	3293	3891	3478	2020	1811	1471	1367	1505	1958	4447	2594	2213	2048	2031	1586	2071	1896	1537	1432	1356	557	2370	1299	1415	1478	1927	1081	1384	1141	1002	753	553	577	886	1817		
n=2	6577	9349	7053	8794	5825	5464	7431	5728	4408	4819	5885	4719	2906	3398	2575	2224	2666	2733	5702	3543	2513	313	4032	3206	3445	3556	2889	2439	2070	2401	3196	1994	2247	2653	2731	1511	2206	1342	1522	1339	955	1025	1075	2844	2517		
n=3	144	3606	8216	5978	6440	7496	6573	5881	5696	7063	5312	3282	3892	3521	3184	3673	3841	7087	4404	3541	3339	4913	4482	5120	4711	4669	3784	2925	2513	4022	2471	3350	3299	3755	2162	3150	1862	822	1762	1404	1420	1464	3429	3356	2992		
n=4		134	104	5333	5873	8380	6483	6830	7341	8367	6277	4128	4368	4668	4453	5011	5319	1204	5626	4421	4812	5744	3748	7272	7048	5789	5569	4345	4412	5032	2928	3802	4747	4863	3228	4031	2282	2360	2151	2025	2002	2293	4801	4211	4146	3122	

Chargability mV/V

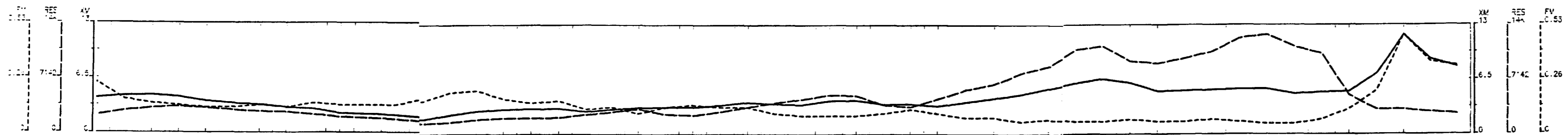
	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	7+00 S	6+50 S	6+00 S	5+50 S	5+00 S	4+50 S	4+00 S	3+50 S	3+00 S																							
Filter	4.9	5.3	5.5	5.1	4.8	4.6	4.2	4.5	4.4	4.2	4.3	4.6	4.5	3.8	3.5	3.7	3.3	3.4	3.2	3	3.2	3.5	3.7	3.5	3.2	3.3	3.1	3.3	3.1	3	2.7	2.7	2.7	2.9	3.3	3.1	3.1	3.1	3.2	3.3	3.3	3.2	3.4	3.4			
n=1	3.9	4.3	5	4.7	4.7	4.6	3.8	4.6	4.6	3.8	4.2	5.1	4.3	4.4	3.9	4.8	4.9	3.7	2.9	3.7	2.7	3.5	2.9	2.5	2.5	2.8	3	2.9	2.2	2.8	2.8	3.1	2.8	2.5	2.9	2.8	2.3	2.6	3.1	2.7	2.9	3	3.2	3.3	2.5		
n=2		5.1	5.5	5	4.6	5.1	4	4.6	4.4	4.2	4	5.1	4.3	4.1	4.1	4.7	5	3.5	3.3	4	3.2	3.2	3.3	2.7	2.9	3.3	3.6	3.5	3.4	2.9	2.5	3.1	3	3.6	3	2.5	2.7	2.3	3.3	3.2	2.8	3	3.4	3.3	2.9	3.3	
n=3		6.5	5.9	5.2	6.1	4.1	4.8	4.5	4.1	4.1	4.8	4.1	4.4	4.2	4.1	5	4.1	3.8	4.1	3.6	3.5	3.5	3.4	3.1	3.5	4	3.9	3.8	3.6	3.3	3.8	2.9	3.2	2.3	2.7	2.8	2.5	3.4	3.1	2.8	3	3.5	3.4	3.1	3.7	3.7	
n=4			6.3	5.5	5.6	2.8	4.7	4.7	4.1	4.2	5.1	4	3.7	3.9	4.3	5.1	4.2	3.7	4	3.8	3.8	3.7	3.1	3.1	3.7	4.1	4	3.9	4.3	3.4	3.6	4	3.5	3.6	2.8	2.3	2.1	3.5	3.5	3.5	3.5	3.6	3.2	3	3.4	3.1	3.4







L 400 WESI



Metal Factor

Filter	1450 S	1400 S	1350 S	1300 S	1250 S	1200 S	1150 S	1100 S	1050 S	1000 S	950 S	900 S	850 S	800 S	750 S	700 S	650 S	600 S	550 S	500 S	450 S	400 S	350 S	300 S	2450 S	
n=1	0.24	0.18	0.14	0.12	0.12	0.12	0.14	0.13	0.12	0.13	0.11	0.11	0.11	0.10	0.09	0.09	0.09	0.10	0.12	0.14	0.15	0.14	0.12	0.11	0.10	0.09
n=2	0.33	0.21	0.16	0.14	0.14	0.14	0.16	0.18	0.21	0.21	0.20	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	
n=3	0.15	0.16	0.14	0.11	0.11	0.13	0.12	0.11	0.16	0.15	0.11	0.16	0.22	0.22	0.16	0.18	0.22	0.12	0.15	0.09	0.11	0.15	0.14	0.11	0.13	0.10
n=4	0.13	0.12	0.11	0.09	0.15	0.15	0.15	0.15	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	

Metal Factor

Resistivity

Filter	1450 S	1400 S	1350 S	1300 S	1250 S	1200 S	1150 S	1100 S	1050 S	1000 S	950 S	900 S	850 S	800 S	750 S	700 S	650 S	600 S	550 S	500 S	450 S	400 S	350 S	300 S	2450 S																												
n=1	224	233	314	354	316	281	262	262	233	186	184	167	136	146	164	211	234	214	251	267	330	261	245	292	354	407	458	509	502	332	355	451	577	615	780	814	118	114	946	612	988	714	131	131	111	101	507	314	324	281	284		
n=2	88	155	220	276	285	213	164	145	122	103	103	112	76	54	55	101	171	146	150	115	205	162	156	143	132	205	257	337	421	572	271	187	185	254	467	430	583	712	582	514	430	358	422	521	511	174	507	186	139	187			
n=3	255	287	315	353	362	242	242	251	150	197	211	118	50	192	167	171	234	166	369	277	185	193	309	530	325	389	632	432	212	234	381	482	521	575	712	131	812	787	783	742	750	111	488	146	874	275	253	252	183				
n=4	382	373	352	345	280	324	358	284	208	279	187	102	154	318	337	325	242	278	472	404	267	213	325	473	464	481	784	804	245	252	342	425	881	618	111	184	144	141	885	980	111	134	171	181	181	181	181	181	181	181	181	181	181

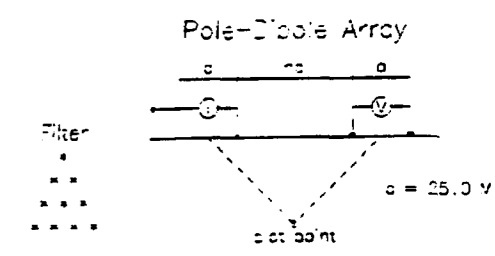
Resistivity

Chargeability

Filter	1450 S	1400 S	1350 S	1300 S	1250 S	1200 S	1150 S	1100 S	1050 S	1000 S	950 S	900 S	850 S	800 S	750 S	700 S	650 S	600 S	550 S	500 S	450 S	400 S	350 S	300 S	2450 S																										
n=1	4.1	4.3	4.4	4.2	3.7	3.4	3.3	3	2.8	2.2	2.2	2	1.8	1.3	2.7	2.9	3	3	2.7	3	3.1	3.2	3.5	3.8	3.6	3.5	4	4	3.5	3.6	3.3	3.8	4.3	4.7	5.4	6	6.5	6.1	5.1	5.1	5.2	5.3	5.4	4.6	5	5	7.2	12	8.6	8	
n=2	3	3.2	3.8	3.8	2.9	2.7	2.6	2.7	2.2	2.2	2.3	1.8	1.7	2.3	3	3.5	3.5	2.5	2.8	3	2.9	2.7	2.6	3.1	3.2	3.2	4.2	4.5	2.4	3.8	2.2	2.8	3	3.1	3.8	3.7	3.2	3.2	4.7	4.6	4.3	4.2	4.8	4.2	5.1	2.8	2.7	13	11	8	
n=3	4.2	4.6	4.4	3.8	3.3	3.2	3	2.8	2.4	2.4	2.4	1.8	1.8	2.6	3.1	2.8	3.8	2.5	2.6	3.4	3.2	2.7	2.7	3.5	3.6	3.2	4	4.7	3.5	3.7	3.1	3.3	3.8	4.3	4.8	5.3	6.7	7.1	5	4.7	5.2	5	5.8	5.1	5.3	3.7	2.8	14	12	8.7	
n=4	5.2	4.7	3.8	3.2	4.1	3.2	3.4	2.4	2.4	4.2	2	1.7	2.5	3.3	2.7	2.9	2.3	2.8	3.3	3.4	3	3.1	3.7	4.5	3.8	3.4	4	4	2.9	3	3.7	4.1	5	5	5.8	7.1	7.4	5.4	5.1	5.4	5.8	6.1	5.7	5.6	3.5	2.5	13	11	9	7.5	5.5

Chargeability

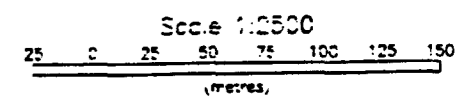
Line 400 W



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.

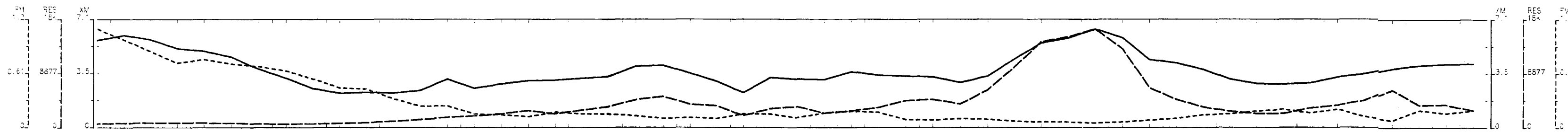


**EAST-WEST  
INDUCED POLARIZATION SURVEY  
DYMENT LAKE PROPERTY  
INDUCED POLARIZATION**  
Date: 96/10/17  
Interpretation: D. PATRIE AND B. PATRIE  
**DAN PATRIE EXPLORATION**





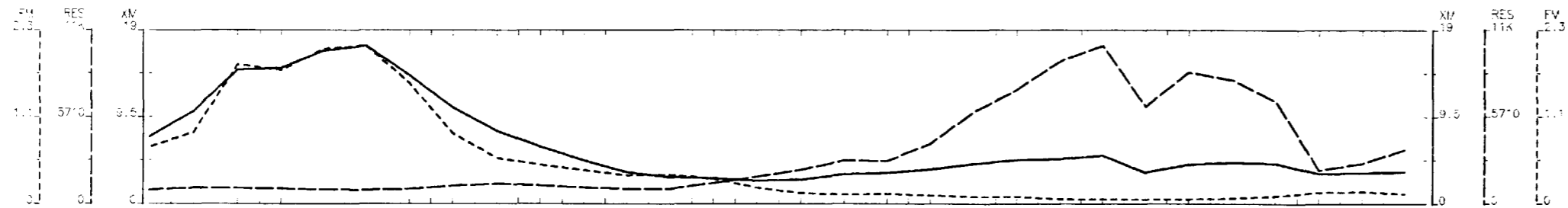
LINE 100 WEST







L 100 EAST



Meta. Factor

Filter	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	Filter															
n=1	0.74	0.94	1.8	1.6	1	2.1	1.6	0.92	0.86	0.51	0.44	0.37	0.38	0.33	0.21	0.14	0.12	0.13	0.11	0.092	0.096	0.060	0.060	0.060	0.070	0.10	0.15	0.16	0.13	n=1	
n=2	0.54	0.70	3.6	2.9	2.9	2.9	1.8	0.72	0.51	0.48	0.45	0.35	0.35	0.36	0.22	0.15	0.11	0.16	0.12	0.090	0.096	0.060	0.060	0.070	0.10	0.080	0.18	0.20	0.16	n=2	
n=3		1.2	0.95	1.6	1.8	1.6	1.6	0.89	0.51	0.57	0.32	0.37	0.27	0.19	0.12	0.10	0.13	0.090	0.090	0.090	0.040	0.040	0.070	0.050	0.040	0.030	0.13	0.15	0.15	0.14	n=3
n=4		0.58	0.94	1.4	1.6	1.7	1	0.95	0.50	0.46	0.57	0.28	0.16	0.11	0.070	0.11	0.10	0.090	0.090	0.040	0.030	0.070	0.050	0.040	0.030	0.090	0.13	0.15	0.13	0.040	n=4

Meta. Factor

Resistivity  
Ohm-m

Filter	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	Filter														
n=1	565	690	441	454	445	505	541	737	936	936	822	675	391	438	527	794	1985	1656	2325	2992	3061	5070	11K	3230	5886	4140	6681	2198	1645	n=1
n=2	537	947	864	694	860	689	987	1507	1334	1143	1024	686	688	968	1295	2764	2140	2616	4544	4912	6476	15K	4577	6171	9582	11K	1388	2133	2278	n=2
n=3	1166	1472	1048	1137	832	989	1485	1612	1280	1182	851	1045	1424	1974	3637	2305	2860	4399	5425	8770	18K	5156	7031	8651	18K	2509	1686	2640	1053	n=3
n=4	1738	1677	1537	1157	1246	1494	1449	1456	1224	950	1248	1901	2454	5007	2879	3405	4512	5147	8369	22K	5447	7463	9346	18K	3710	2113	2265	2747	12K	n=4

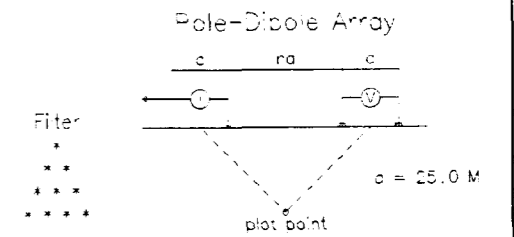
Resistivity  
Ohm-m

Chargability  
mV/V

Filter	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S	12+00 S	11+50 S	11+00 S	10+50 S	10+00 S	9+50 S	9+00 S	8+50 S	8+00 S	7+50 S	Filter															
n=1	7.3	10	15	15	17	17	14	10	7.9	6.2	4.7	3.4	2.5	2.8	2.5	2.6	3.2	3.4	3.7	4.3	4.7	4.9	5.3	3.4	4.3	4.5	4.4	3.3	3.4	3.2	n=1
n=2	3.2	4.5	16	13	13	15	9.9	5.3	4.8	4.4	3.7	2.6	2.3	3.1	2.1	1.8	2.5	2.9	3.4	3.9	4.6	4.5	6.5	2.5	4.4	4.2	5.5	3.9	3.4	n=2	
n=3		7.1	14	8.7	14	19	15	12	6.9	5.7	5	4	2.7	2.5	2.1	1.9	3.1	3.8	3.2	4.2	4.5	4.1	6.8	3.2	3.2	4.7	6	2.3	3.8	3.6	n=3
n=4		14	14	16	21	17	16	13	8.3	7.3	3.8	3.2	2.8	2.6	2.3	3.5	3	2.6	4	4.7	3.8	7.1	3.6	3.8	3.6	6.3	3.2	2.5	3.5	2.7	n=4

Chargability  
mV/V

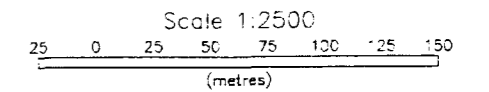
Line 100 E



Logarithmic Contours: 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.



**EAST-WEST  
INDUCED POLARIZATION SURVEY  
DYMENT LAKE PROPERTY  
INDUCED POLARIZATION**  
Date: 96/10/15  
Interpretation: D. PATRIE AND E. PATRIE  
**DAN PATRIE EXPLORATION**



Metal Factor

	15+50 S	15+00 S	14+50 S	14+00 S	13+50 S	13+00 S									
Filter	2	2.7	1.7	0.67	0.42	0.37	0.51	0.60	0.61	0.75	1.1	0.82	Filter		
n=1	1.9	4.8	3	0.64	0.30	0.090	0.34	0.76	0.96	1.3	2.2		n=1		
n=2		3	2.3	1.4	0.41	0.20	0.41	0.60	0.52	0.53	0.92	1	n=2		
n=3			1.7	0.84	0.56	0.24	0.54	0.52	0.53	0.36	0.52	0.63	0.84	n=3	
n=4				0.85	0.50	0.36	0.67	0.98	0.80	0.40	0.40	0.52	0.58	1.1	n=4

Metal Factor

Resistivity  
Ohm-m

	15+50 S	15+00 S	14+50 S	14+00 S	13+50 S	13+00 S									
Filter	1508	1349	1815	2774	3367	3663	2335	2249	3041	3727	3498	3668	Filter		
n=1	1856	695	825	2289	3083	5340	3023	1152	839	1143	1254		n=1		
n=2		970	1174	1582	3114	4885	2637	1438	1815	3017	3149	3014	n=2		
n=3			1388	2316	2983	5060	2700	1606	1768	4883	5742	5059	2922	n=3	
n=4				2176	3048	4421	2488	1268	1533	3749	7338	8507	4244	2235	n=4

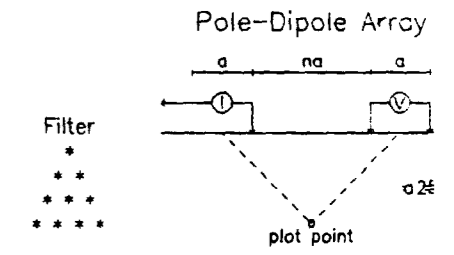
Resistivity  
Ohm-m

Chargability  
mV/V

	15+50 S	15+00 S	14+50 S	14+00 S	13+50 S	13+00 S									
Filter	28	26	21	16	13	10	11	12	15	22	29	29	Filter		
n=1	32	34	25	14	9.2	4.8	10	8.8	8.1	15	28		n=1		
n=2		28	25	22	13	9.7	11	8.6	9.4	16	29	31	n=2		
n=3			23	19	17	12	15	8.4	9.4	17	30	32	25	n=3	
n=4				18	15	16	17	12	9.2	15	30	34	24	26	n=4

Chargability  
mV/V

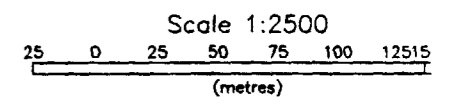
Line 400 E



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

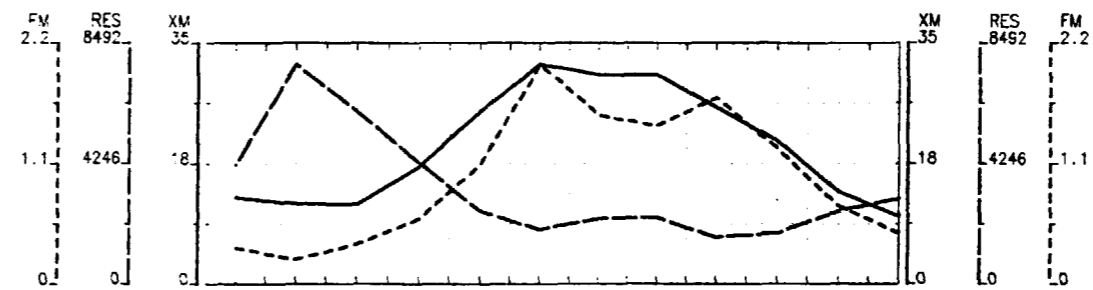
INTERPRETATION

- 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.



**EAST-WEST  
INDUCED POLARIZATION SURVEY  
DYMENT LAKE PROPERTY  
INDUCED POLARIZATION**  
Date: 96/10/30  
Interpretation: D. PATRIE AND B. PAERI  
**DAN PATRIE EXPLORATION**

Geosol: Software for the Earth Sciences



Metal Factor

	15+00 S	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S	
Filter	0.33	0.22	0.36	0.59	1.1	2	1.5
n=1		0.070	0.080	0.18	1	3.5	2.4
n=2		0.25	0.060	0.25	0.75	1.8	2.6
n=3	0.35	0.29	0.15	0.84	1.2	1.2	1
n=4	0.20	0.34	0.85	0.44	1.6	1.1	0.75

Metal Factor

Resistivity  
Ohm-m

	15+00 S	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S	
Filter	4204	7720	8066	4279	2568	1910	2302
n=1		12K	7099	6304	2616	1108	1416
n=2		3294	14K	4182	3321	1874	1552
n=3	4874	3325	9186	2343	2164	2315	3273
n=4	8096	4777	1798	4702	1218	2340	3403

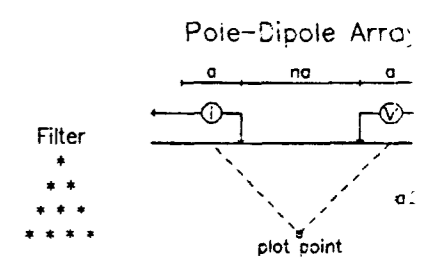
Resistivity  
Ohm-m

Chargability  
mV/V

	15+00 S	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S	
Filter	13	12	12	17	25	32	30
n=1		8.4	5.3	11	26	38	33
n=2		8.4	8.9	10	25	28	40
n=3	17	9.6	13	20	28	28	34
n=4	16	16	12	21	20	26	26

Chargability  
mV/V

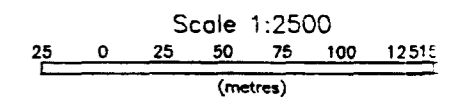
Line 300 E



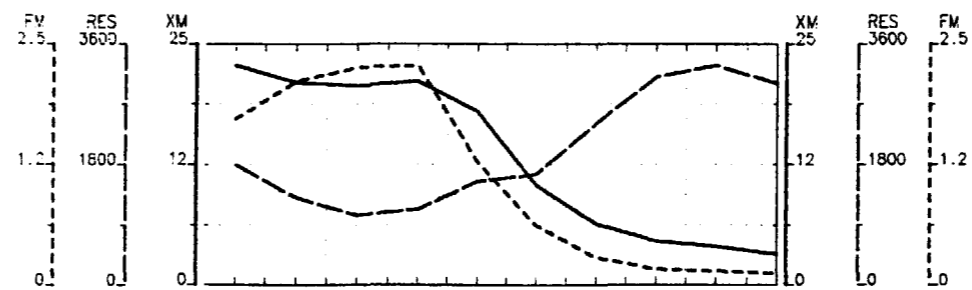
Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10

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.



**EAST-WEST  
INDUCED POLARIZATION SURVEY  
DYMENT LAKE PROPERTY  
INDUCED POLARIZATION**  
Date: 96/10/30  
Interpretation: D. PATRIE AND B. PAERI  
**DAN PATRIE EXPLORATION**



Metal Factor

	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S						
Filter	1.7	2.1	2.2	2.2	1.3	0.61	0.28	0.18	0.14	0.12	Filter
n=1		2.9	3	3.8	1.6	0.37	0.18	0.16	0.19	0.16	n=1
n=2		2.3	2.2	2.4	1.6	0.84	0.20	0.10	0.12	0.10	n=2
n=3		1.2	2.2	2.2	1.5	1.3	0.67	0.21	0.080	0.080	n=3
n=4		0.37	1.2	2.3	1.4	1.3	1.1	0.50	0.23	0.080	n=4

Metal Factor

Resistivity  
Ohm-m

	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S						
Filter	1787	1313	1039	1132	1549	1653	2408	3102	3273	3006	Filter
n=1		530	496	492	892	788	1584	2174	1880	1521	n=1
n=2		892	866	754	1319	1685	1640	3211	3625	3796	n=2
n=3		1785	1120	1076	1285	1675	2206	1912	3722	4866	n=3
n=4		4843	2030	1236	1734	1545	2085	2919	2358	4751	n=4

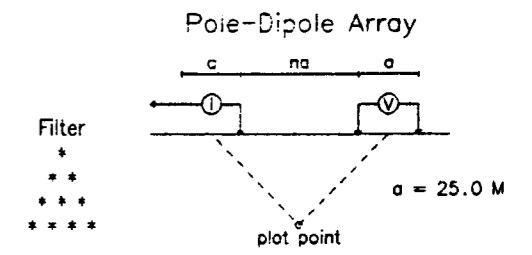
Resistivity  
Ohm-m

Chargability  
mV/V

	14+50 S	14+00 S	13+50 S	13+00 S	12+50 S						
Filter	23	21	20	21	18	10	8.3	4.5	4	3.2	Filter
n=1		15	15	18	14	2.9	2.8	3.4	3.8	2.4	n=1
n=2		20	21	18	21	14	3.3	3.2	4.2	3.9	n=2
n=3		21	25	24	20	22	4	3.4	4.2		n=3
n=4		18	25	28	25	20	23	15	5.4	3.7	n=4

Chargability  
mV/V

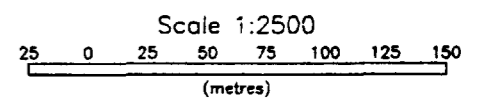
Line 200 E



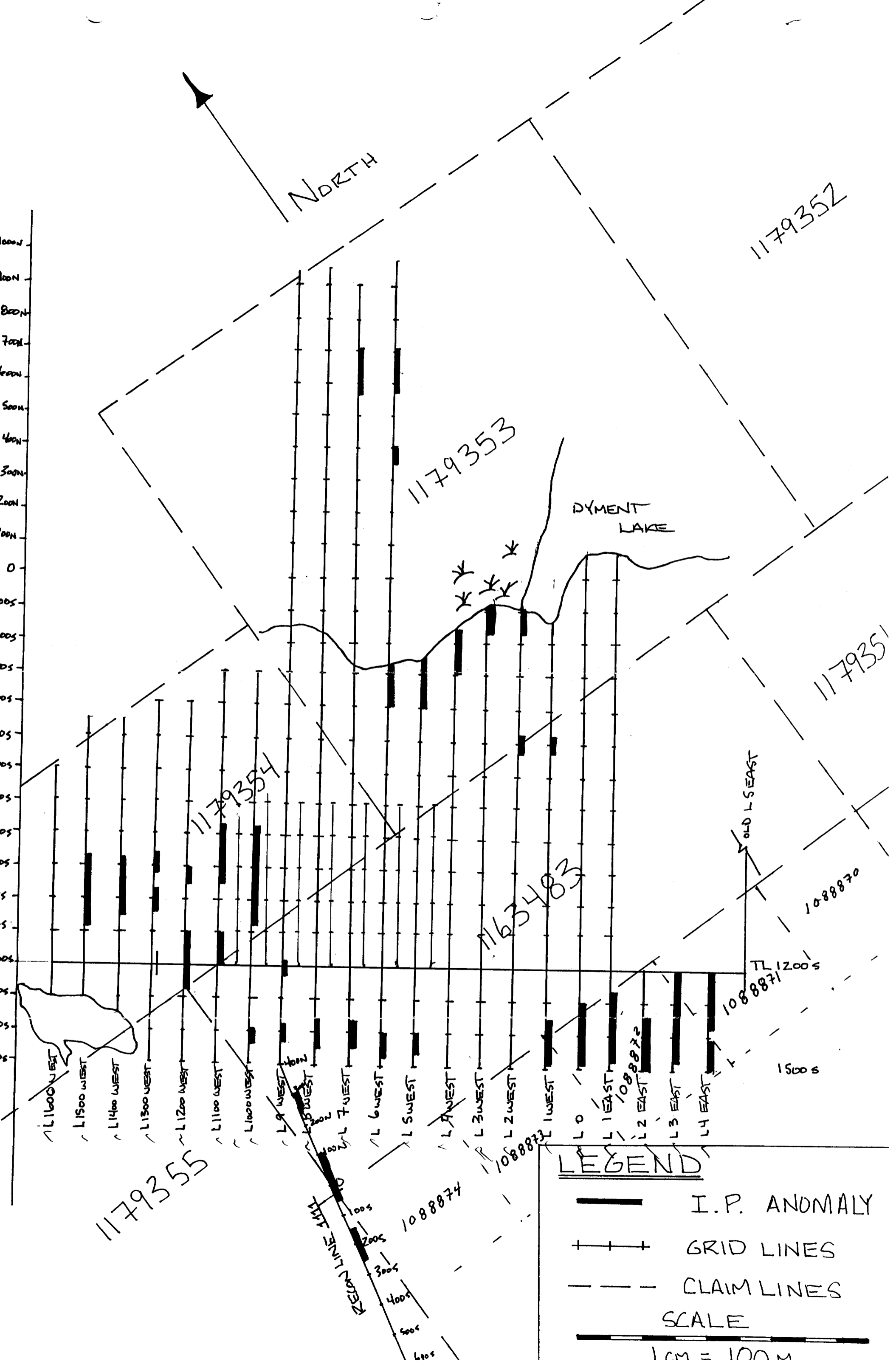
Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

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.



**EAST-WEST  
INDUCED POLARIZATION SURVEY  
DYMENT LAKE PROPERTY  
INDUCED POLARIZATION**  
Date: 96/10/30  
Interpretation: D. PATRIE AND B. PATRIE  
**DAN PATRIE EXPLORATION**



NORTH

1179352

1179353

DYMENT LAKE

1179351

1179354

1163403

1088870

TL 1200S

1088871

1500S

L1100 WEST

L1500 WEST

L1400 WEST

L1300 WEST

L1200 WEST

L1100 WEST

L1000 WEST

L9 WEST

L8 WEST

L7 WEST

L6 WEST

L5 WEST

L4 WEST

L3 WEST

L2 WEST

L1 WEST

L0

L1 EAST

L2 EAST

L3 EAST

L4 EAST

OLD L EAST

1179355

REGION LINE 14M

1088874

**LEGEND**

— I.P. ANOMALY

+ + + GRID LINES

- - - CLAIM LINES

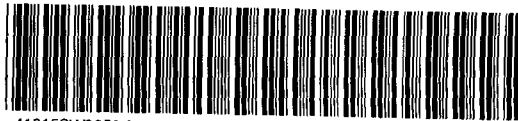
SCALE

1cm = 100m

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions on this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar St Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.16964

- Instructions:
- Please type or print and submit in duplicate
  - Refer to the Mining Act and Regulation Recorder.
  - A separate copy of this form must be
  - Technical reports and maps must accompany
  - A sketch, showing the claims the work



Mini

900

Recorded Holder(s) DANIEL F. PATRIE		Client No. 179999
Address Box 45, MASSEY, ONTARIO - POPIPO		Telephone No. (705) 844-211-
Mining Division PORCUPINE	Township/Area DENYES	M or G Plan No. G-1107
Dates Work Performed From: AUGUST 10, 1996		To: SEPTEMBER 30, 1996

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	LINE-CUTTING - GEOPHYSICS (I.P.)
Physical Work, Including Drilling	
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

RECEIVED

DEC 27 1996

MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs \$ 54,240.00

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
DAN PATRIE EXPLORATION LTD.	P.O. Box 45, MASSEY, ONTARIO POPIPO

(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 Oct. 30/96	Recorded Holder or Agent (Signature) Dan Patrie
--	--------------------	--

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 at its completion and annexed report is true.		
Name and Address of Person Certifying DAN PATRIE, P.O. Box 45, MASSEY, ONTARIO POPIPO		
Telephone No. 705-844-2113	Date Oct. 30/96	Certified By (Signature) Dan Patrie

For Office Use Only

\$54,240.	Total Value Cr. Recorded	Date Recorded	Mining Recorder Dagat White	<div style="border: 1px solid black; padding: 5px;"> <p style="font-weight: bold; font-size: 1.5em;">RECEIVED</p> <p>NOV 6 1996</p> <p>1520 OAR</p> <p>PORCUPINE MINING DIVISION</p> </div>
	Deemed Approval Date <del>11-05-96</del>	Date Approved		
	Date Notice for Amendments Sent			

Number for Applying Reserve	Claim Number (see Note 2)	of Claim Units
	1179350	15
NO	1179351	15
NO	1179352	16
OK	1179353	16
AP	1179354	10
OK	1179355	15
AP	1179356	16
	1163483	10
	1088872	1
<b>Total Number of Claims</b>		<b>8</b>

Assessment Work Done on this Claim	Applied to this Claim
—	7,200.00
—	7,200.00
—	7,680.00
8 14,800.00	7,680.00
16,440.00	4,800.00
2,000.00	7,200.00
0	7,680.00
19,000.00	4,800.00
2,000.00	0
<b>Total Value Work Done</b>	<b>Total Value Work Applied</b>
\$ 54,240.00	54,240.00

Assigned from this Claim	Work to be Claimed at a Future Date
—	
—	
—	
8 7,120.00	
11,640.00	
—	
—	
14,200.00	
2,000.00	
<b>Total Assigned From A</b>	<b>Total Reserve</b>
\$ 34,960.00	

RECEIVED  
 DEC 22 2009  
 MINING LANDS DIVISION

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:

1.  Credits are to be cut back starting with the claim listed last, working backwards.
2.  Credits are to be cut back equally over all claims contained in this report of work.
3.  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 _____
---	-----------------	------------





January 30, 1997

Gary White  
Mining Recorder  
60 Wilson Avenue, 1st Floor  
Timmins, ON  
P4N 2S7

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: 2.16964

**Status**

**Subject: Transaction Number(s):** W9660.00583 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.

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

NOTE: This correspondence may affect the status of your mining lands. Please contact the Mining Recorder to determine the available options and the status of your claims.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at beneteau\_s@torv05.ndm.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,



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

## Work Report Assessment Results

---

**Submission Number:** 2.16964

**Date Correspondence Sent:** January 30, 1997

**Assessor:** Steve Beneteau

**General Comment:**

Thank you for your prompt response to the expense verification notice. Assessment credit has been approved as outlined on the original submission.

---

<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9660.00583	1179353	DENYES	Approval After Notice	January 29, 1997

**Section:**

14 Geophysical IP

**Correspondence to:**

Mining Recorder  
Timmins, ON

Resident Geologist  
Timmins, ON

Assessment Files Library  
Sudbury, ON

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

DANIEL F. PATRIE  
MASSEY, Ontario

