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REPORT

ON THE

EXPLORATION I.P. PROGRAM

BARTY LAKE PROPERTY

DENYES TOWNSHIP, ONTARIO

PORCUPINE MINING DIVISION

ONTARIO

BY

DAN PATRIE

June, 1993

TABLE OF CONTENTS

1. INTRODUCTION

The Barty Lake property consists of 109 claims (16 hectare units) in the southwestern part of Denyes township, approximately 40 km east of Chapleau, 140 km southwest of Timmins and 200 km northwest of Sudbury, Ontario in the Swayze area, Porcupine Mining Division (Figure 1).

The subject claim group surrounds to the north, east and south a group of 45 claims covering two (2) east-southeast trending deformation zones which host gold mineralization of economic interest. Gold mineralization on the 45 claims appears to be associated with north-northwest trending structures where they intersect the east-southeast trending deformation zones. Most areas show extensive carbonate alteration and one (1) area shows extensive green carbonate alteration with quartz veining and anomalous arsenic values.

The writer with the help of an OPAP grant carried out a limited programme of exploration on the Barty Lake property. A programme of line-cutting, re-picket and induced polarization 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.

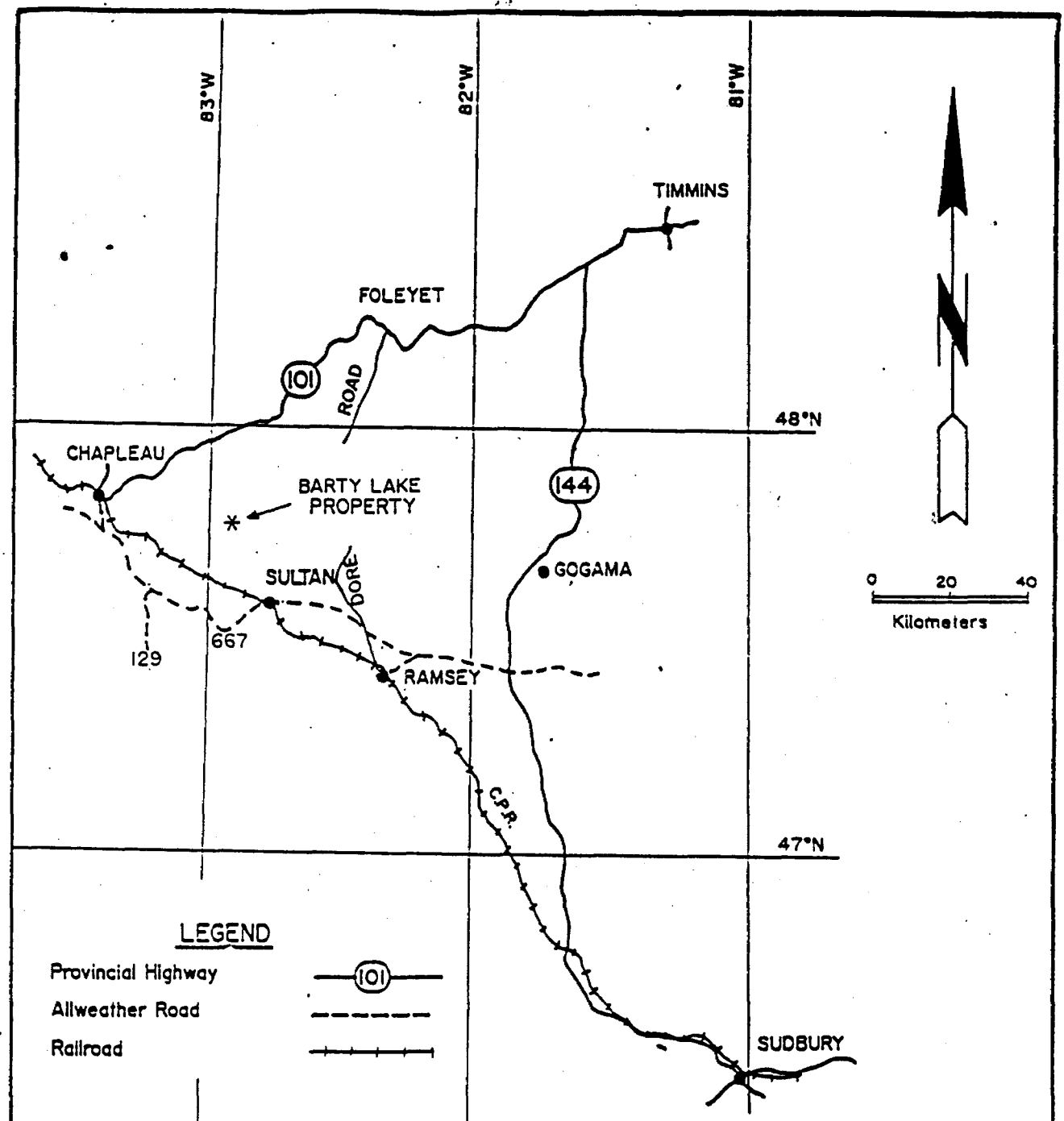


FIGURE 1

BARTY LAKE PROPERTY

HALCROW-DENYES TOWNSHIP

LOCATION MAP

DECEMBER, 1991

2. SUMMARY AND RECOMMENDATIONS

Between May 21 and June 21, 1993 a programme of line-cutting, re-picketting and Induced Polarization program was completed on the Barty Lake property. A 2 level I.P Was done on lines 1W to 8W from 400 South to 900 North. From 0 to 400 South shows a strong I.P. anomally which is coincidental with the humus samples taken in this area and over an EM conductor in the same location.

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 metres over the total claim group of 115 claims.
2. Geological mapping and prospecting of the property.
3. Completion of the magnetometer, 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 V.L.F. 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
Geological Technologist (Dipl.T)
June 30, 1993

3. PROPERTY

3.1 CLAIM DESCRIPTION

The property consists of 115 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: J. Patrie, General Delivery, Algoma Mills, Ontario, POP 1AO and Daniel F. Patrie, P.O. Box 45, Massey, Ontario, POP 1PO.

TABLE 1
DENYES TOWNSHIP CLAIMS

Claim Numbers	No. of Claims
993840 to 993851 inclusive	12
993907	1
994548 to 994553 inclusive	6
1072211 to 1072220 inclusive	10
1087218 to 1087277 inclusive	60
1088860 to 1088874 inclusive	15
TOTAL	104

3.2 LOCATION AND ACCESS

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

Access to the property is by float-equipped or ski-equipped aircraft to the lake in the centre of the property. The property can also be reached by road. The Dore Forest access road between Foleyet and the Eddy Forest products road in the south provides access on lumber roads to the west which are located along the

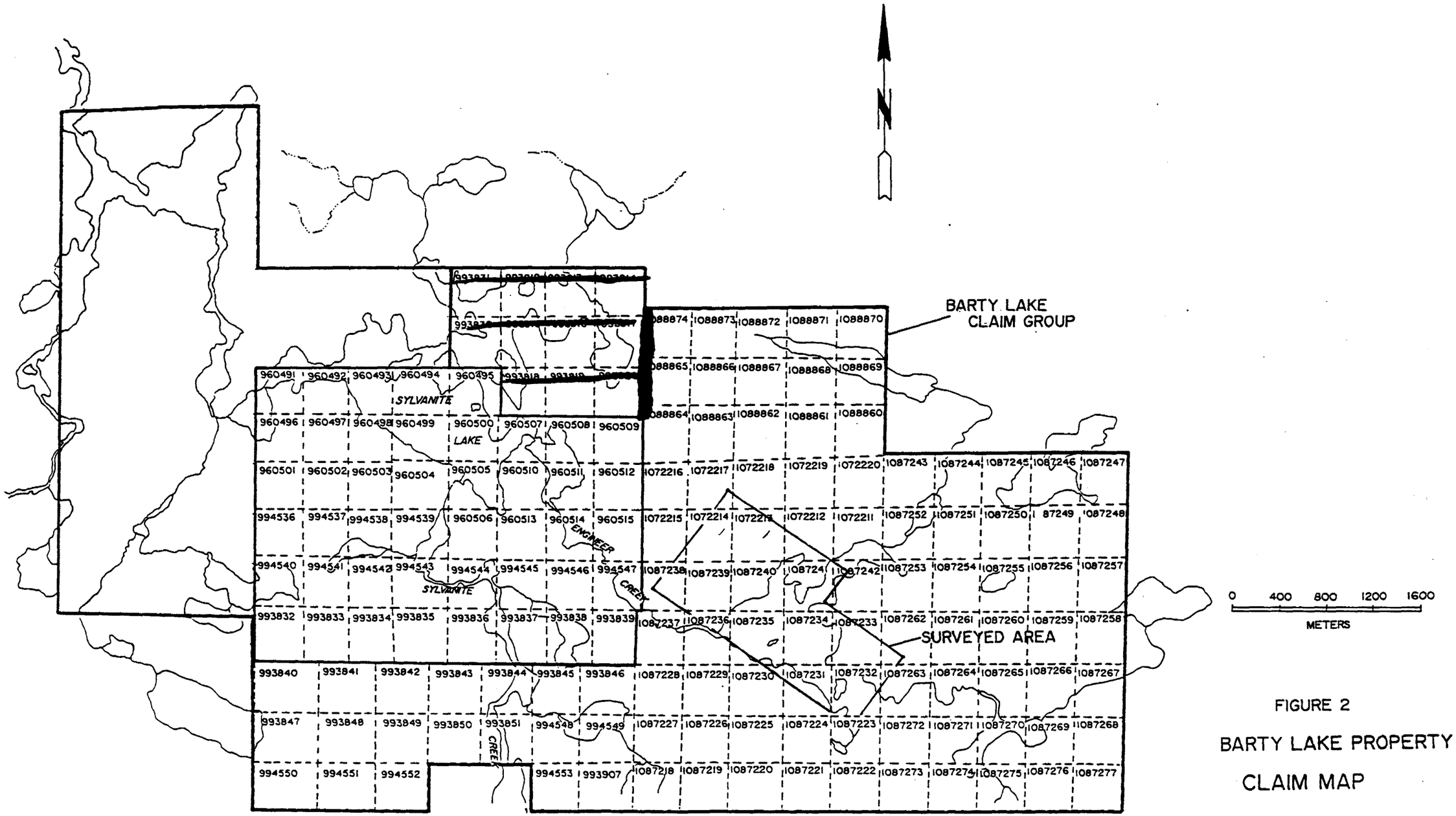


FIGURE 2

BARTY LAKE PROPERTY

CLAIM MAP

DECEMBER, 1992

AFTER CLAIM MAPS M-906 HALCROW TWP & M-758 DENYES TWP, ONTARIO.

northern edge of the claim group. From here the property can be easily accessed on foot, all terrain vehicle or by snow machine.

3.3 TOPOGRAPHY AND VEGETATION

The main topographic feature of the property is Barty Lake in its central part which is drained by Engineer's Creek northwestward to Sylvanite Lake. In general the property consists of a series of ridges seperated 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

There is no record of any previous work from the subject claims in the government assessment files. However, between November 30 and December 22, 1991 under the field supervision of the Writer in association with Norwin Geological Ltd carried out a limited programme of exploration on the Barty Lake property which included line-cutting, magnetometer survey, VLF-EM survey and horizontal loop EM (Max-Min) survey, which shows in the southern part, a prominent east-west trending magnetic anomaly and in the eastern part a north-south trending anomaly. In the southeastern part of the property, the VLF-EM survey showed a number of conductors over a strike length of several hundred metres within a metavolcanic unit and north of a strong magnetic anomaly. The

horizontal loop EM (Max-Min) survey indicated a zone of conductivity in the southeastern part of the grid immediately north of the baseline within a metavolcanic unit and coincident with the VLF-EM conductors, which is interpreted to be coincidental with the projected position of a deformation zone from the northwest. These conductive 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 limited amount of hand trenching carried out. Unfortunately there appears to be no record of this work.

South of the subject claims in the northwest corner of Lee Lake, Lee Gold Mines Ltd. carried out shaft sinking and lateral development on a zone of alteration and gold mineralization in the early 1930's. (Gordon et al, 1979).

South of the Lee prospect in West-central Greenlaw township and west of Hot Stone Lake the Newbec prospect was explored between 1932 and 1947. The main showing is a quartz carbonate vein in a east-trending shear in schistose greywacke. Sampling indicated erratic gold values ranging from 0.01 to 0.29 ounces of gold/ton. (Gordon et al, 1979)

In May of 1984, Aerodat Ltd. flew 147 line-km with a helicopter combined mag-EM survey for Lenora Eploration on claims south and west of Sylvanite Lake which indicated six (6) east-west to southeast trending airborne EM conductors south of the sujbect property.(Ontario Geological Survey Assessment files, Toronto, File 2.7116).

The area was mapped by J.F.Donovan for the Geological Survey in 1964 lnd 1965 and the results are printed in report 63, Geology of Halcrow-Ridout Lakes Area, District of Sudbury, Ontario, 1968. The writer and J.Patrie staked a group of 25 claims in the spring of 1988 to cover a mineralized shear on the banks of Sylvanite Creek between Lee Lake and Sylvanite Lake. Subsequently a grid with lines at 400 foot spacing was cut on the property and magnetometer and VLF-EM surveys were completed over the area. The property was also prospected and a number of rock samples collected for analyses. At the same time a number of old trenches were located and due to the favourable geology and the results obtained an additional 20 claims were staked south of the original 25. This is the 45 claim property west of the subject claims.

J.Ireland of the Ontario Ministry of Northern Development and Mines visited the 45 claim property to the west and prepared a report on it in September of 1988. (Ireland, 1988).

Terraquest Ltd. covered the subject claims and the adjacent 45 claims to the west with an airborne magnetic and VLF-EM survey in October of 1989 (Terraquest Ltd., 1989). The airborne survey was carried out along lines flown at 100 metre spacing with lines directed northeast perpendicular to the regional strike. The interpreted intermediate to mafic volcanics within the area are shown by the magnetic survey to contain several west-nortwest trending magnetically active horizons particularly in the central and southern parts of the property. The low magnetic response in the southern part of the area was interpreted to be related to

clastic metasediments. The magnetic data has indicated numerous diabase dykes trending northwest and norteast.

The magnetics suggest fault oriented at 080 degrees, 050 degrees and 330 degrees. A number of the EM conductors appear to be related to conductive overburden however, some appear to be related to stratigraphy and are recommended for ground follow-up.

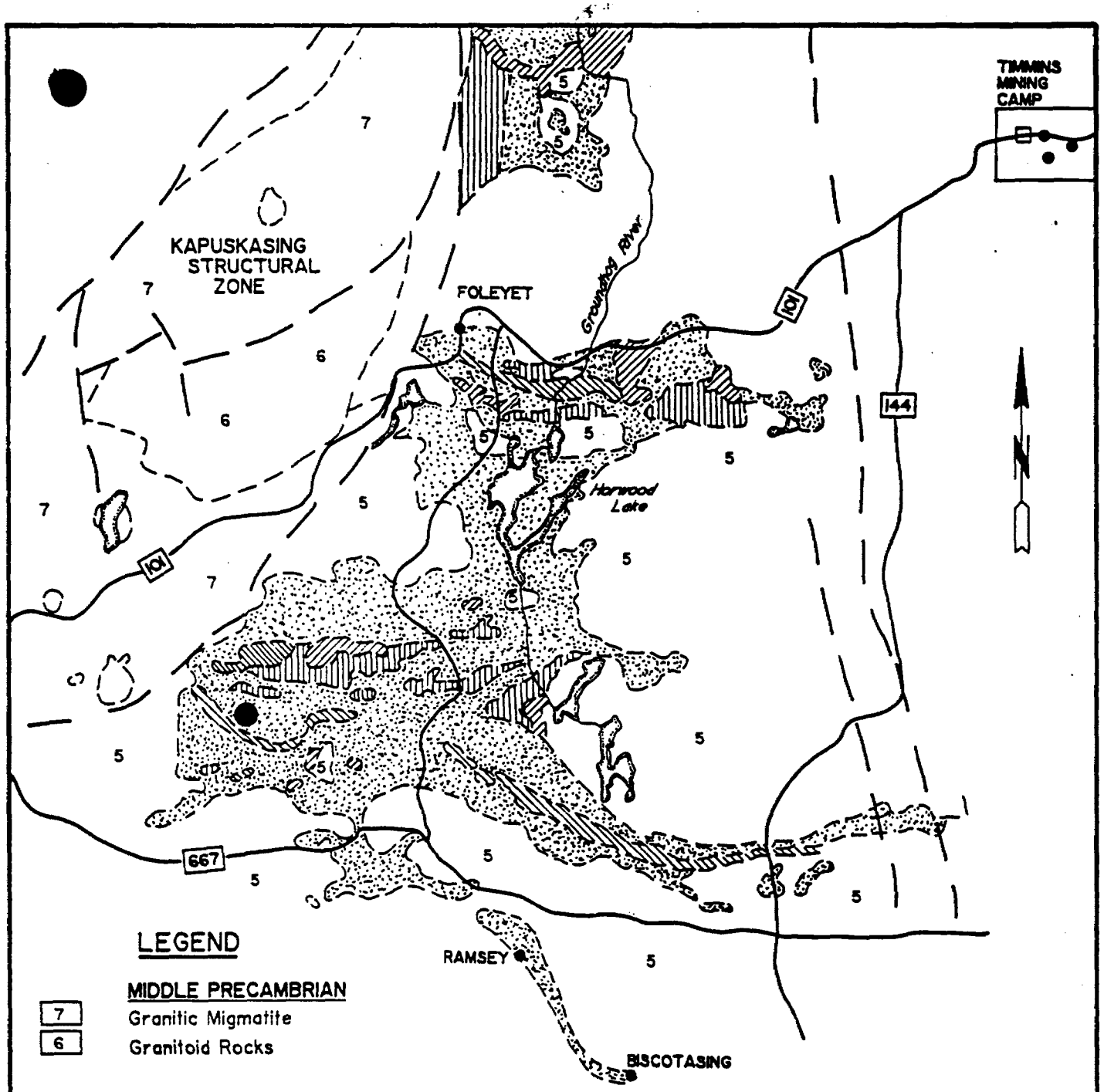
5. GEOLOGY

5.1 REGIONAL GEOLOGY

The general geology of the area is shown on the Chapleau-Foleyet 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-Ridout 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 fold 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 wiith intermediate to mafic volcanic rocks in Halcrow and Denyes township. The felsic volcanic rocks vary in texture from fine grained to porphyritic with



LEGEND

MIDDLE PRECAMBRIAN

- 7 Granitic Migmatite
- 6 Granitoid Rocks

EARLY PRECAMBRIAN

- 5 Granitoid Rocks
- Mafic/Ultramafic Igneous Rocks
- Metasediments
- Felsic/Intermediate Metavolcanics
- Mafic Metavolcanics

● BARTY LAKE PROPERTY

8 4 0 8 16 24 32 KILOMETRES

FIGURE 3

BARTY LAKE PROPERTY

REGIONAL GEOLOGY

DECEMBER, 1992

pyroclastic units also present.

Sedimentary rocks are present in both Denyes and Halcrow townships and delianeate the north limb of a 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.

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 Halcrow 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 — Stream and swamp deposits.

PLEISTOCENE — Sand, gravel, till.

UNCONFORMITY

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 airborne survey has indicated the presence of rocks of low magnetic susceptibility in the southern part of the property which Terraquest (1968) interpreted as metasediments. The property is located on the southern limb of the main synclinal fold structure through Halcrow and Denyes townships. North striking 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. Based on a the adjacent claims to the west, it is considered that there are two (2) broad zones of deformation and strong carbonate alteration trending east-southeast across the central and southern part of the property. 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. On the adjacent claims volcanic breccias were identified possibly associated with felsic metavolcanics. This environment is considered to be favourable for the localization of volcanogenic massive sulphide (VMS) deposits.

6. CURRENT EXPLORATION PROGAMME

6.1 WORK DONE

A programme of re-picketting, line-cutting and detailed induced polarization programme.

The work was carried out between May 21 and June 21 1993.

The work covered the following claims all or in part.

1072215, 1072214, 1072213, 1087238, 1087239, 1087240, 1087237, 1087236.

Note: cleaning up of all lines and cutting of 3 lines going south from base line were done using axes because of rules by M.N.R. Chapleau whereas no noise was to be made with chainsaws for Osprey habitat in the area.

7. CONCLUSIONS

1) The Barty Lake property is underlain by metavolcanic rocks with a range in composition from mafic to felsic. These units form the south limb of a major east west trending regional syncline.

2) There is a well developed regional foliation on the property trending 100 to 120 degees 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) Two (2) large areas on the property have been identified to have a potential for the localization of gold

mineralization of economic significance. These are along the north part of the claim block along a trend at 100 degrees and is considered that they are situated on a major regional deformation zone with strong green carbonate and fuchsite alteration associated with quartz veining in zones of shearing. Area 2 is situated south and south-west of Barty Lake in an area south of two (2) EM conductors located in December of 1991 on cut grid lines with Au assayed as high as 522 ppb in the humus samples. In this area is where the I.P. survey was conducted and where the anomaly was found. The anomaly lies on lines 3W TO 7W from 0+00 to approximately 4+00 South on all lines.

In summary it is considered that the property contains a very favourable geological environment for the localization of gold mineralization of economic importance. As well the property has the potential to host volcanogenic massive sulphide deposits. To further evaluate the potential of this property and due to a lack of geological information from the 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
Geological Technologist (Dipl. T)
June 30, 1993

INTERPRETATION

There is one large chargeability anomaly located on the surveyed portion of the grid on both N=1 and N=2 levels, extending off the edge of the suveyed grid to the south.

This anomaly is centered on line 4+00 W at approximately 2+75 W. The anomaly is roughly semi-circular in shape and extends approximately 300 metres East-West and 125 metres North-South continuing off the edge of the grid to the south. The chargeability values for the anomaly are approximately 10 to 15 mV/V above background consistent with a mineralized target. The bulk resistivity values also correspond to a mineralized target (< 1000 ohm-m).

Interpretation completed by T. Insinna (see Certificate of Qualification Attached)

INTERPRETATION

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This anomaly is centred on line 4+00 W at approximately 2+75 S. The anomaly is roughly semi-circular in shape and extends approximately 300 metres East - West and 125 metres North - South continuing off the edge of the grid to the south. The chargeability values for the anomaly are approximately 10 to 15 mV/V above background consistent with a metallic mineralization. The bulk resistivity values also correspond to a mineralized target (< 1000 ohm-m). Background values between 2 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.

Interpretation completed by T. Insinna (see Certificate of Qualifications Attached) on July 7, 1993, for D. Patrie.

9. RECOMMENDED EXPLORATION PROGRAMME

The following programme is recommended to evaluate the 115 claim block in and around Barty 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
Geological Technologist (Dipl.T)
June 30, 1993

APPENDIX 1

PERSONNEL

PERSONNEL

1. Dan Patrie
   P.O. Box 45
   Massey, Ontario
   POP 1PO

2. Todd Whalen
   General Delivery
   Walford, Ontario
   POP 2E0

3. Brent Patrie
   P.O. Box 45
   Massey, Ontario
   POP 1PO

4. Dwain Gamble
   General Delivery
   Walford, Ontario
   POP 2E0

5. Scott Whalen
   General Delivery
   Walford, Ontario
   POP 2EO

APPENDIX 2

I.P. DATA

BARTY LAKE I.P. a = 50 M n = 1

LINE	STATION	RESISTIVI	CHARGEABI
-100	37.5	574	2
-100	87.5	820	2
-100	137.5	697	2
-100	187.5	898	2
-100	237.5	1321	2
-100	287.5	1631	3
-100	337.5	1805	2
-100	387.5	981	3
-100	437.5	1524	2
-100	487.5	1018	2
-100	537.5	2405	3
-100	587.5	2673	8
-200	37.5	1031	2
-200	87.5	719	2
-200	137.5	819	2
-200	187.5	712	2
-200	237.5	781	1
-200	287.5	654	2
-200	337.5	726	1
-200	387.5	983	2
-200	437.5	1104	2
-200	487.5	1024	2
-200	537.5	1052	2
-200	587.5	1095	3
-200	637.5	1780	3
-200	687.5	2179	3
-200	737.5	6718	4
-200	787.5	950	3
-200	837.5	2283	3
-300	37.5	1015	2
-300	87.5	840	2
-300	137.5	683	2
-300	187.5	715	2
-300	237.5	613	2
-300	287.5	615	2
-300	337.5	792	2
-300	387.5	949	2
-300	437.5	838	2
-300	487.5	1060	2
-300	537.5	1556	2
-300	587.5	1328	2
-300	637.5	1408	3
-300	12.5	1640	2
-300	-37.5	946	1
-300	-87.5	628	2
-300	-137.5	884	2
-300	-187.5	656	5
-300	-237.5	100	11
-400	37.5	1677	2
-400	87.5	860	2
-400	137.5	1271	2

-460	187.5	906	2
-400	237.5	1084	3
-400	287.5	800	2
-400	337.5	957	2
-400	387.5	1700	3
-400	437.5	2328	4
-400	487.5	3220	3
-400	537.5	3806	4
-400	587.5	6480	4
-400	637.5	5585	4
-400	12.5	223	2
-400	-37.5	720	3
-400	-87.5	605	2
-400	-137.5	665	1
-400	-187.5	972	5
-400	-237.5	445	12
-400	-287.5	238	13
-500	37.5	1105	2
-500	87.5	1163	2
-500	137.5	946	2
-500	187.5	1610	2
-500	237.5	1742	2
-500	287.5	466	1
-500	337.5	2247	2
-500	387.5	2681	3
-500	437.5	2653	3
-500	487.5	5765	4
-500	537.5	11493	6
-500	587.5	4521	3
-500	637.5	4315	4
-500	687.5	2579	3
-500	12.5	1290	2
-500	-37.5	1738	2
-500	-87.5	856	3
-500	-137.5	974	1
-500	-187.5	1623	3
-500	-237.5	1260	10
-600	37.5	1313	2
-600	87.5	1571	2
-600	137.5	2459	3
-600	187.5	1613	3
-600	237.5	1418	4
-600	287.5	1145	2
-600	337.5	3937	3
-600	387.5	4855	4
-600	437.5	3780	3
-600	487.5	4182	5
-600	537.5	3927	4
-600	587.5	3573	4
-600	637.5	2513	3
-600	687.5	3749	3
-600	737.5	3723	4
-600	787.5	1134	3
-600	837.5	7043	3
-600	887.5	5500	3
-600	12.5	832	2

-400	187.5	906	2
-400	237.5	1084	3
-400	287.5	800	2
-400	337.5	957	2
-400	387.5	1700	3
-400	437.5	2328	4
-400	487.5	3220	3
-400	537.5	3806	4
-400	587.5	6480	4
-400	637.5	5585	4
-400	12.5	223	2
-400	-37.5	720	3
-400	-87.5	605	2
-400	-137.5	665	1
-400	-187.5	972	6
-400	-237.5	445	12
-400	-287.5	238	13
-500	37.5	1105	2
-500	87.5	1163	2
-500	137.5	946	2
-500	187.5	1610	2
-500	237.5	1742	2
-500	287.5	466	1
-500	337.5	2247	2
-500	387.5	2681	3
-500	437.5	2653	3
-500	487.5	5765	4
-500	537.5	11493	6
-500	587.5	4521	3
-500	637.5	4315	4
-500	687.5	2579	3
-500	12.5	1290	2
-500	-37.5	1738	2
-500	-87.5	856	3
-500	-137.5	974	1
-500	-187.5	1623	3
-500	-237.5	1260	10
-600	37.5	1313	2
-600	87.5	1571	2
-600	137.5	2459	3
-600	187.5	1613	3
-600	237.5	1418	4
-600	287.5	1145	2
-600	337.5	3937	3
-600	387.5	4855	4
-600	437.5	3780	3
-600	487.5	4182	5
-600	537.5	3927	4
-600	587.5	3573	4
-600	637.5	2513	3
-600	687.5	3749	3
-600	737.5	3723	4
-600	787.5	1134	3
-600	837.5	7043	3
-600	887.5	5500	3

-600	-37.5	1170	1
-600	-87.5	1634	3
-600	-137.5	2176	3
-600	-187.5	3119	3
-600	-237.5	3952	4
-700	37.5	3089	12
-700	87.5	2089	3
-700	137.5	1763	3
-700	187.5	723	3
-700	237.5	6455	2
-700	287.5	6455	3
-700	12.5	1881	2
-700	-37.5	1085	2
-700	-87.5	1677	3
-700	-137.5	2011	3
-800	37.5	2032	3
-800	87.5	1487	4
-800	137.5	1257	3
-800	187.5	1584	2
-800	237.5	1351	2
-800	287.5	906	3
-800	337.5	1536	2
-800	387.5	2070	2
-800	437.5	1820	2
-800	487.5	2222	2
-800	537.5	3449	3
-800	587.5	4212	3
-800	637.5	6825	3
-800	687.5	1928	3
-800	737.5	3922	3
-800	787.5	3260	3
-800	837.5	5170	2

BARTY LAKE I.P. a = 50 M N = 2

-100	62.5	969	3
-100	112.5	1086	3
-100	162.5	1149	3
-100	212.5	1616	3
-100	262.5	2116	3
-100	312.5	1571	3
-100	362.5	1243	3
-100	412.5	2763	2
-100	462.5	2241	2
-100	512.5	2843	2
-100	562.5	4470	3
-100	612.5	798	5
-200	62.5	1034	3
-200	112.5	1225	2
-200	162.5	1368	2
-200	212.5	1277	2
-200	262.5	1229	6
-200	312.5	1575	2
-200	362.5	1917	3
-200	412.5	1976	2
-200	462.5	1711	2

-200	562.5	2300	2
-200	612.5	3093	3
-200	662.5	2129	3
-200	712.5	5777	3
-200	762.5	3408	2
-200	812.5	2178	3
-200	862.5	3142	2
-300	62.5	1676	3
-300	112.5	990	3
-300	162.5	1001	2
-300	212.5	1166	2
-300	262.5	1237	3
-300	312.5	1971	2
-300	362.5	2187	2
-300	412.5	1527	2
-300	462.5	1780	3
-300	512.5	3199	3
-300	562.5	2289	2
-300	612.5	3500	3
-300	662.5	3461	2
-300	-12.5	1960	3
-300	-62.5	1091	2
-300	-112.5	2011	3
-300	-162.5	1454	6
-300	-212.5	546	15
-300	-262.5	117	14
-400	62.5	1494	3
-400	112.5	1494	3
-400	162.5	1233	2
-400	212.5	925	2
-400	262.5	1744	3
-400	312.5	1960	2
-400	362.5	1996	2
-400	412.5	3105	3
-400	462.5	4879	4
-400	512.5	3849	3
-400	562.5	6840	4
-400	612.5	13195	5
-400	662.5	4765	4
-400	-12.5	1146	3
-400	-62.5	1102	1
-400	-112.5	1696	1
-400	-162.5	2395	7
-400	-212.5	976	12
-400	-262.5	451	17
-400	-312.5	628	14
-500	62.5	1575	3
-500	112.5	1585	2
-500	162.5	2728	3
-500	212.5	2054	2
-500	262.5	744	1
-500	312.5	2655	2
-500	362.5	4798	3
-500	412.5	3644	3
-500	462.5	6177	4
-500	512.5	15542	5

-500	562.5	4908	1
-500	612.5	7172	3
-500	662.5	7788	4
-500	712.5	4048	3
-500	-12.5	2875	2
-500	-62.5	1589	3
-500	-112.5	1468	1
-500	-162.5	3099	4
-500	-212.5	2025	11
-500	-262.5	333	13
-600	62.5	2568	3
-600	112.5	2769	3
-600	162.5	2229	3
-600	212.5	1665	3
-600	262.5	2531	3
-600	312.5	4198	3
-600	362.5	7964	3
-600	412.5	5107	3
-600	462.5	15080	5
-600	512.5	8707	4
-600	562.5	5869	3
-600	612.5	4233	3
-600	662.5	5782	3
-600	712.5	7355	4
-600	762.5	1649	3
-600	812.5	4974	4
-600	862.5	13421	3
-600	912.5	4798	3
-600	-12.5	2529	3
-600	-62.5	3048	3
-600	-112.5	2941	3
-600	-162.5	4490	3
-600	-212.5	5116	4
-600	-262.5	189	9
-700	62.5	5105	4
-700	112.5	3063	4
-700	162.5	1703	3
-700	212.5	3629	3
-700	262.5	6632	3
-700	312.5	5290	3
-700	-12.5	2153	3
-700	-62.5	2802	3
-700	-112.5	3278	3
-700	-162.5	5278	4
-800	62.5	2011	4
-800	112.5	2513	4
-800	162.5	4109	3
-800	212.5	3362	3
-800	262.5	1084	3
-800	312.5	3110	2
-800	362.5	4785	3
-800	412.5	2749	3
-800	462.5	2776	3
-800	512.5	6340	3
-800	562.5	8284	3
-800	612.5	10673	4

-800	662.5	3287	3
-800	712.5	5421	3
-800	762.5	8088	3
-800	812.5	11579	2
-800	862.5	4890	4

BARTY LAKE I.P. a = 50 M n = 3 LINE 4 W

-400	-87.5	2445	2
-400	-137.5	2870	6
-400	-187.5	1711	8
-400	-237.5	1020	15
-400	-287.5	798	18
-400	-337.5	377	23

a= 50M n = 4 LINE 4W

-400	-112.5	2513	1
-400	-162.5	4543	8
-400	-212.5	1984	13
-400	-262.5	406	21
-400	-312.5	591	22

a = 50 M n = 3 LINE 2W

-200	87.5	1247	2
-200	137.5	829	2
-200	187.5	1422	2
-200	237.5	1813	2
-200	287.5	2918	2
-200	337.5	2998	2
-200	387.5	2107	2
-200	437.5	2228	2
-200	487.5	2257	2
-200	537.5	2394	2
-200	587.5	2565	2
-200	637.5	4547	6
-200	687.5	2025	5
-200	737.5	2736	3
-200	787.5	4271	4

a = 50 M n = 4 LINE 2W

-200	112.5	1418	4
-200	162.5	942	3
-200	212.5	1675	3
-200	262.5	2216	3
-200	312.5	3224	3
-200	362.5	3519	3
-200	412.5	3102	2
-200	462.5	3243	3

-200	512.5	3770	3
-200	562.5	5396	3
-200	612.5	3801	3
-200	662.5	6766	10
-200	712.5	2909	8
-200	762.5	2128	3

-200	812.5	3748	4

a = 50 M n = 3 LINE 5 W

-500	-87.5	2536	2
-500	-137.5	1518	2
-500	-187.5	1570	8
-500	-237.5	1528	14
-500	-287.5	1400	18

a = 50 M n = 4 LINE 5 W

-500	-112.5	1979	2
-500	-162.5	2671	4
-500	-212.5	3836	13
-500	-262.5	628	21

a = 50 M n = 3 LINE 6 W

-600	-87.5	3382	3
-600	-137.5	4658	3
-600	-187.5	3998	3
-600	-237.5	742	5
-600	-287.5	980	7

a = 50 M n = 4 LINE 6 W

-600	-112.5	4608	4
-600	-162.5	5673	4
-600	-212.5	5529	5
-600	-262.5	286	9

DAILY REPORT

DAY	AREA	DATE	WORK PERFORMED
1.	MOB FROM MASSEY TO FOLYET	MAY 20/93	NONE
2.	MOB FROM FOLYET TO BARTY	MAY 21/93	SET UP CAMP
3.	GRID WEST OF BARTY LAKE	MAY 22/93	I.P. SET-UP
4.	GRID WEST OF BARTY LAKE	MAY 23/93	RAIN-DAY
5.	GRID WEST OF BARTY LAKE LINE 8W, 0 TO 900N	MAY 24/93	I.P. 1 & 2 LEVELS
6.	GRID WEST OF BARTY LAKE LINE 7W, 0 TO 900N	MAY 25/93	I.P. 1 & 2 LEVELS
7.	GRID WEST OF BARTY LAKE LINE 6W, 0 TO 900N	MAY 26/93	I.P. 1 & 2 LEVELS
8.	GRID WEST OF BARTY LAKE	MAY 27/93	RAIN-DAY
9.	GRID WEST OF BARTY LAKE LINE 5W, 0 TO 900N	MAY 28/93	I.P. 1 & 2 LEVELS
10.	GRID WEST OF BARTY LAKE LINE 4W, 0 TO 900N	MAY 29/93	I.P. 1 & 2 LEVELS
11.	GRID WEST OF BARTY LAKE LINE 3W, 0 TO 900N	MAY 30/93	I.P. 1 & 2 LEVELS
12.	GRID WEST OF BARTY LAKE LINE 2W, 0 TO 900N	MAY 31/93	I.P. 1 & 2 LEVELS
13.	GRID WEST OF BARTY LAKE LINE 1W, 0 TO 900N	JUNE 01/93	I.P. 1 & 2 LEVELS
14.	GRID WEST OF BARTY LAKE	JUNE 02/93	RAIN-DAY
15.	GRID WEST OF BARTY LAKE (LINES 3 & 4 WEST 0 TO 450 SOUTH)	JUNE 03/93	I.P. 1 & 2 LEVELS
16.	GRID WEST OF BARTY LAKE (LINES 5, 6 & 7 WEST 0 TO 400 SOUTH)	JUNE 04/93	I.P. 1 & 2 LEVELS
17.	GRID WEST OF BARTY LAKE (LINE 2 WEST 0 TO 900 NORTH)	JUNE 05/93	I.P.1 to 4 LEVELS

18. GRID WEST OF BARTY LAKE JUNE 06/93 I.P.1 to 4 LEVELS
(LINES 3 & 4 WEST 0 TO 450 SOUTH)

19. GRID WEST OF BARTY LAKE JUNE 07/93 I.P.1 to 4 LEVELS
(LINES 5 & 6 WEST 0 TO 400 SOUTH)

20. GRID WEST OF BARTY LAKE JUNE 08/93 I.P.1 to 4 LEVELS
(LINE 7 WEST 0 TO 400 SOUTH)

21. REMOVE PIT WIRES AND PACK OUT EQUIPMENT ETC.

22. MOB MEN AND EQUIPMENT HOME.

Certificate of Qualification

I, Anthony Insinna do hereby certify:

1. that I am a geophysicist and reside at 23-1060 Martindale Road, Sudbury, Ontario, P3E 5T2,
2. that I am an associate member of the Society of Exploration Geophysicists,
3. that I graduated from the University of Waterloo in 1984, obtaining a Bachelor of Science degree in Honours Co-op Earth Science,
4. that I have practised my profession continuously since 1984,
5. that my interpretation of the geophysical surveys completed on the Barty Lake grid, is based on my personal knowledge of the surveys completed and the techniques used to present them,
6. that I have no personal, direct or indirect interest in the properties surveyed or any adjacent properties, and I have written this interpretation as a totally indepenent consultant.

A. Insinna, B.Sc. Qual. 2.12288

July 6, 1993

REFERENCES

1. Donovan, .F.,1968
   Geology of Halcrow-Ridout Lakes Area, Ontario,
   Deparment of Mines, Geological Paper 63, p.45.

3. Gordon, J.B., et al, 1979
   Gold Deposits of Ontario, Part 2, Ontario Geological
   Survey, Mineral Deposits Circular 18, p. 60 & 63-64.

4. Ireland, J.C. 1988
   Mineral Deposit Inventory Record, Patrie Claim Group,
   Timmins Office, Ontario Geological Survey.

5. Ontario Geological Survey Assessment Files, Toronto.

6. Norwin Geological Ltd. December 30, 1991
   Report On The Exploration Program, Barty Lake Property
   Denyes Township, Ontario, Porcupine Mining Division Ontario
   For Elliott Strashin & Associates. 16 P., 6 maps.

7. Terraquest Ltd., 1989
   Airborne Magnetic & VLF-EM Survey, Denyes, Halcrow and
   Greenlaw Townships, Porcupine Mining Division, Ontario
   for Patrie Exploration Services. 7 p., 3 maps.

CERTIFICATE OF QUALIFICATION

I, Daniel Patrie do hereby certify:

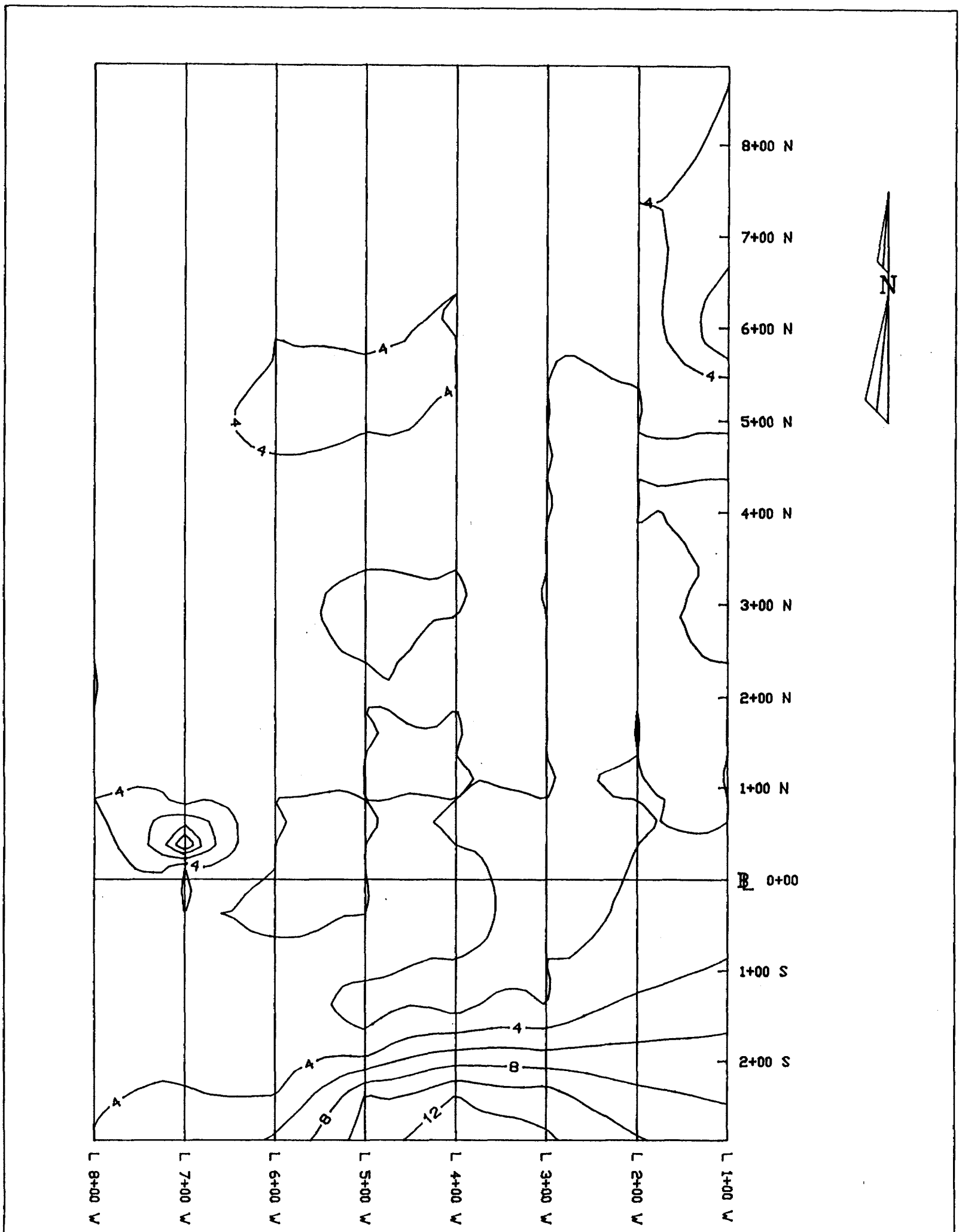
1. that I am a geophysicist and reside at Hwy. 17 West, Massey, Ontario, Canada, P.O. Box 45, POP 1PO,

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 review of provincial, federal and some assessment reports as well as interpretation of field observations undertaken on the Barty 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)
June 30, 1993



Legend

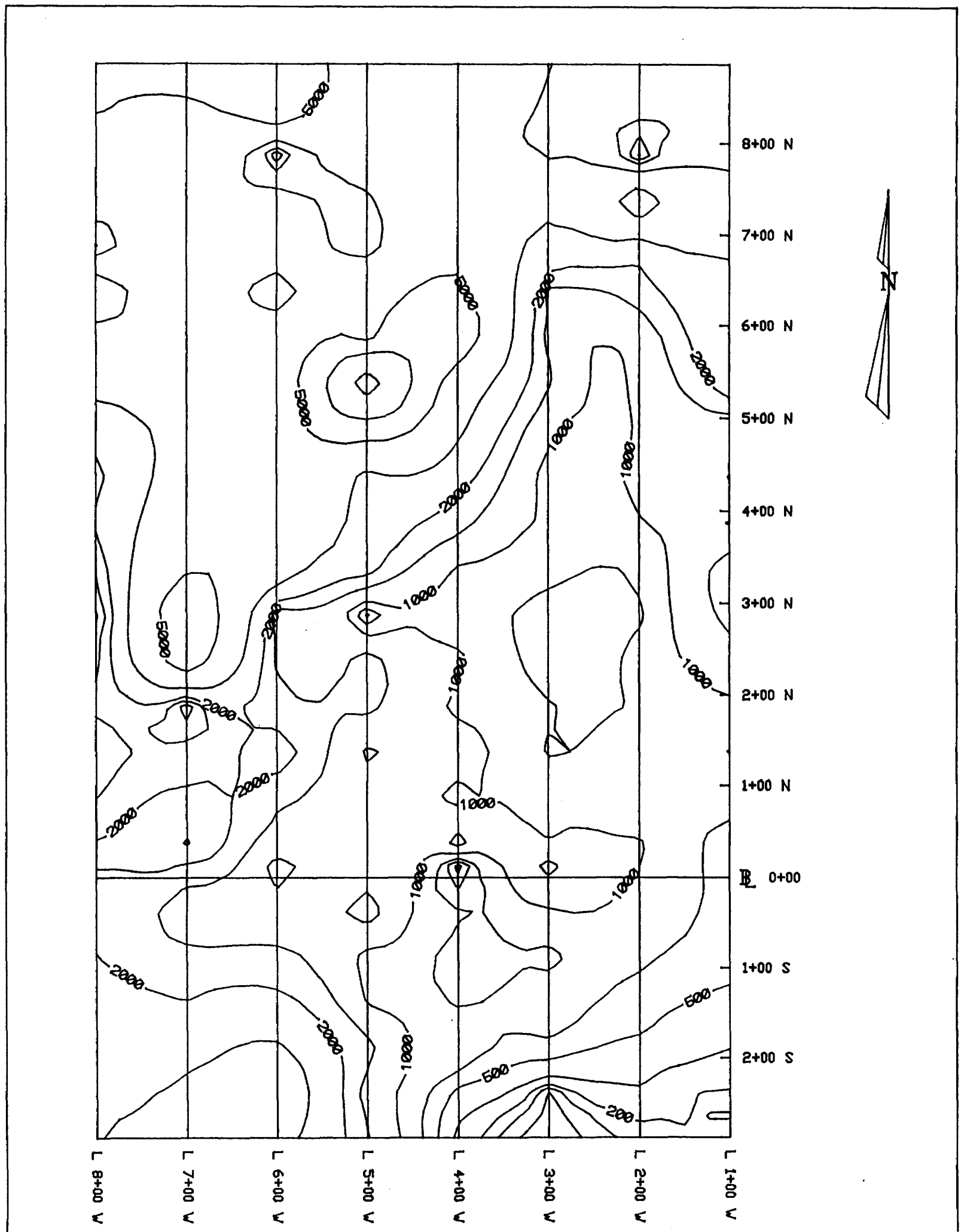
I.P. Array	:	Pole - Dipole
A - Spacing	:	50 Metres
Contour Interval	:	2 mV/V
Line Spacing	:	100 Metres
Station Spacing	:	50 Metres
Transmitter	:	Phoenix IPT-1 Tx. MG-2 Motor Generator
Reciever	:	BRGM IP-2 Rx.
Personnel	:	D. Patrie, B. Patrie T. Burly, S. Whalen
Survey Dates	:	June 1993

Dan Patrie Exploration Limited

Induced Polarization Survey
Chargeability Plot N=1

Project: Denyes Twp. - Barty Lake Property

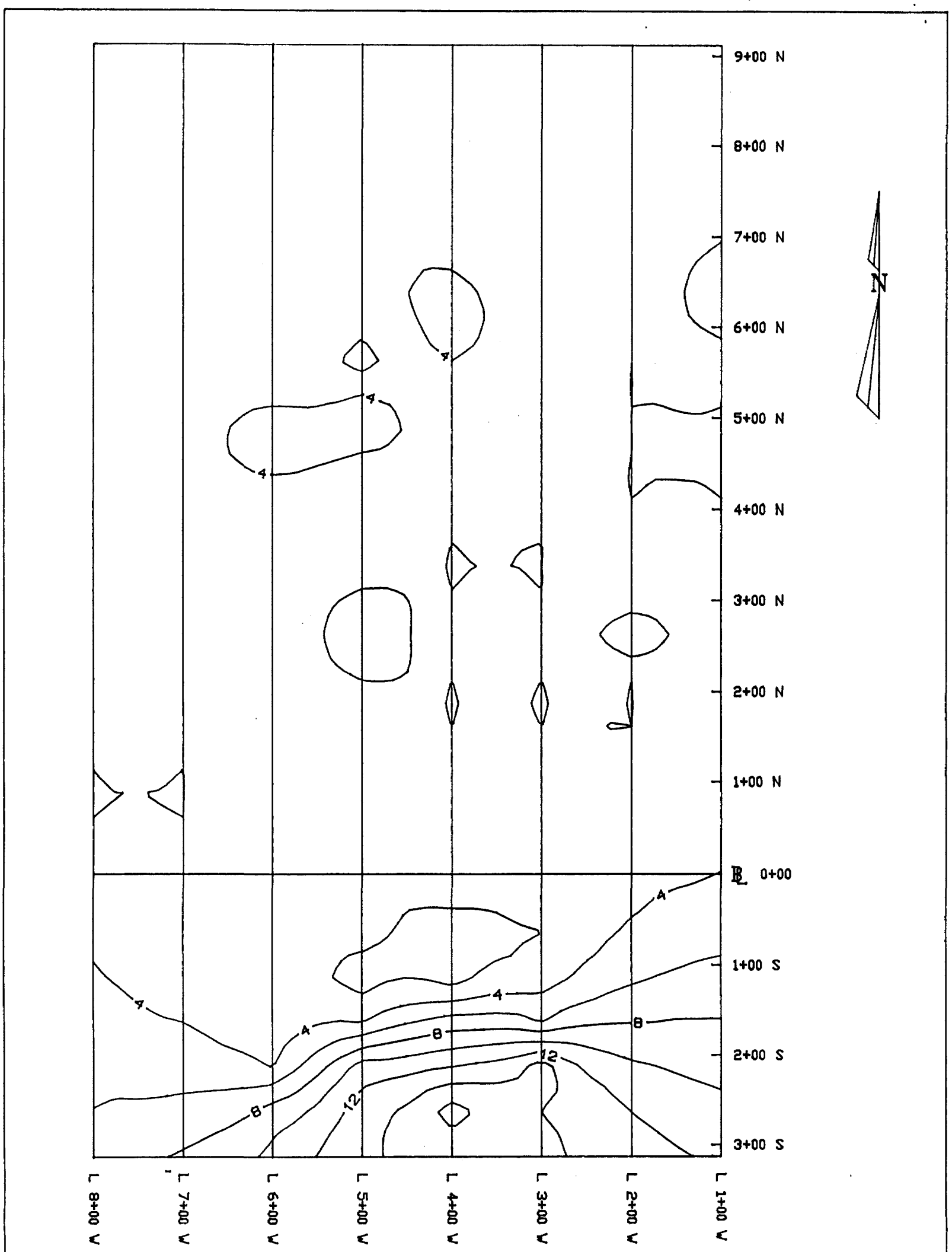
Drawn by: T. Insinna	Scale	Dwg. No.
Date: 28/8/93	1:5000	1



Legend

I.P. Array	:	Pole - Dipole
A - Spacing	:	50 Metres
Contour Interval	:	Logarithmic (ohm-m)
Line Spacing	:	100 Metres
Station Spacing	:	50 Metres
Transmitter	:	Pheonix IPT-1 Tx. MG-2 Motor Generator
Reciever	:	BRGM IP-2 Rx.
Personnel	:	D. Patrie, B. Patrie T. Burly, S. Whalen
Survey Dates	:	June 1993

Dan Patrie Exploration Limited			
	Induced Polarization Survey Resistivity Plot N=1		
	Project: Denyes Twp. - Barty Lake Property		
	Drawn by: T. Bastnas	Scale	Dwg. No.
	Date: 5/7/96	1:5000	2



Legend

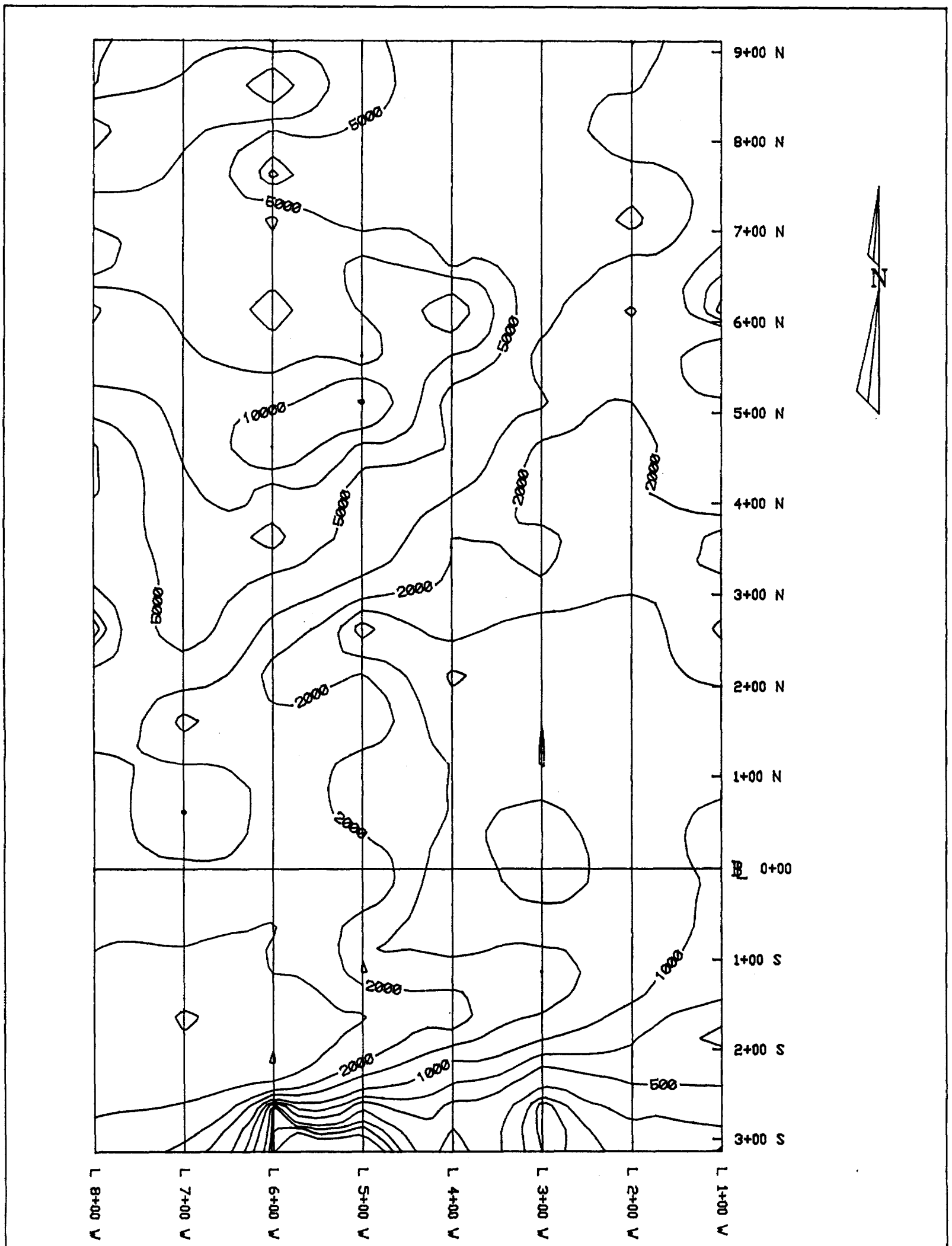
I.P. Array	:	Pole - Dipole
A - Spacing	:	50 Metres
Contour Interval	:	2 mV/V
Line Spacing	:	100 Metres
Station Spacing	:	50 Metres
Transmitter	:	Pheonix IPT-1 Tx. MG-2 Motor Generator
Reciever	:	BRGM IP-2 Rx.
Personnel	:	D. Patrie, B. Patrie T. Burly, S. Whalen
Survey Dates	:	June 1993

Dan Patrie Exploration Limited

Induced Polarization Survey
Chargeability Plot N=2

Project: Denyse Twp. - Barty Lake Property

Drawn by: T. Insinna	Scale	Dwg. No.
Date: 5/7/93	1:5000	3



Legend

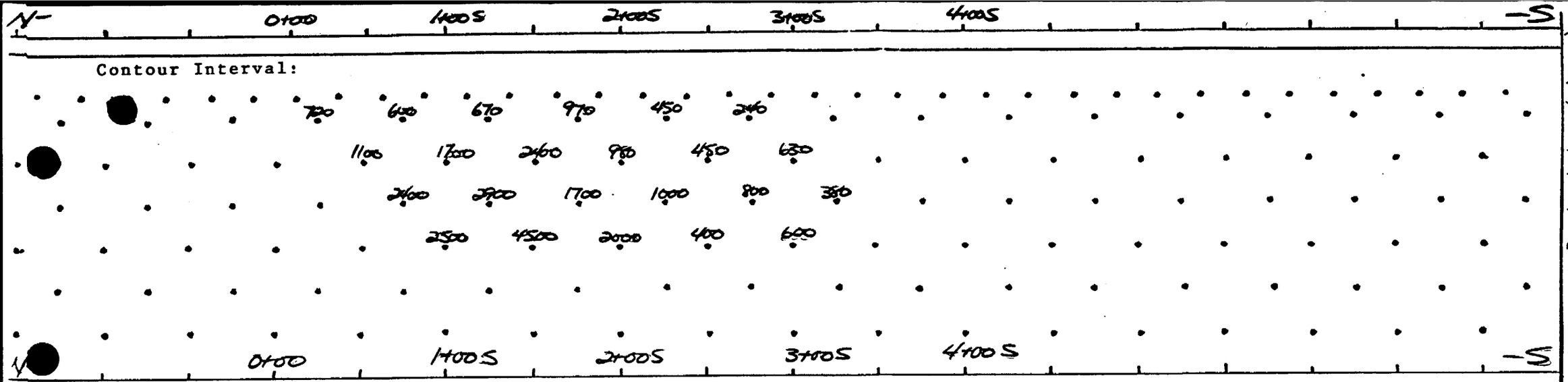
I.P. Array	:	Pole - Dipole
A - Spacing	:	50 Metres
Contour Interval	:	Logarithmic (ohm-m)
Line Spacing	:	100 Metres
Station Spacing	:	50 Metres
Transmitter	:	Phoenix IPT-1 Tx. MG-2 Motor Generator
Reciever	:	BRGM IP-2 Rx.
Personnel	:	D. Patrie, B. Patrie T. Burly, S. Whalen
Survey Dates	:	June 1993

Dan Patrie Exploration Limited

Induced Polarization Survey
Resistivity Plot N=2

Project: Denyes Twp. - Barty Lake Property

Drawn by: T. Bastnas	Scale	Dwg. No.
Date: 8/7/93	1:5000	4



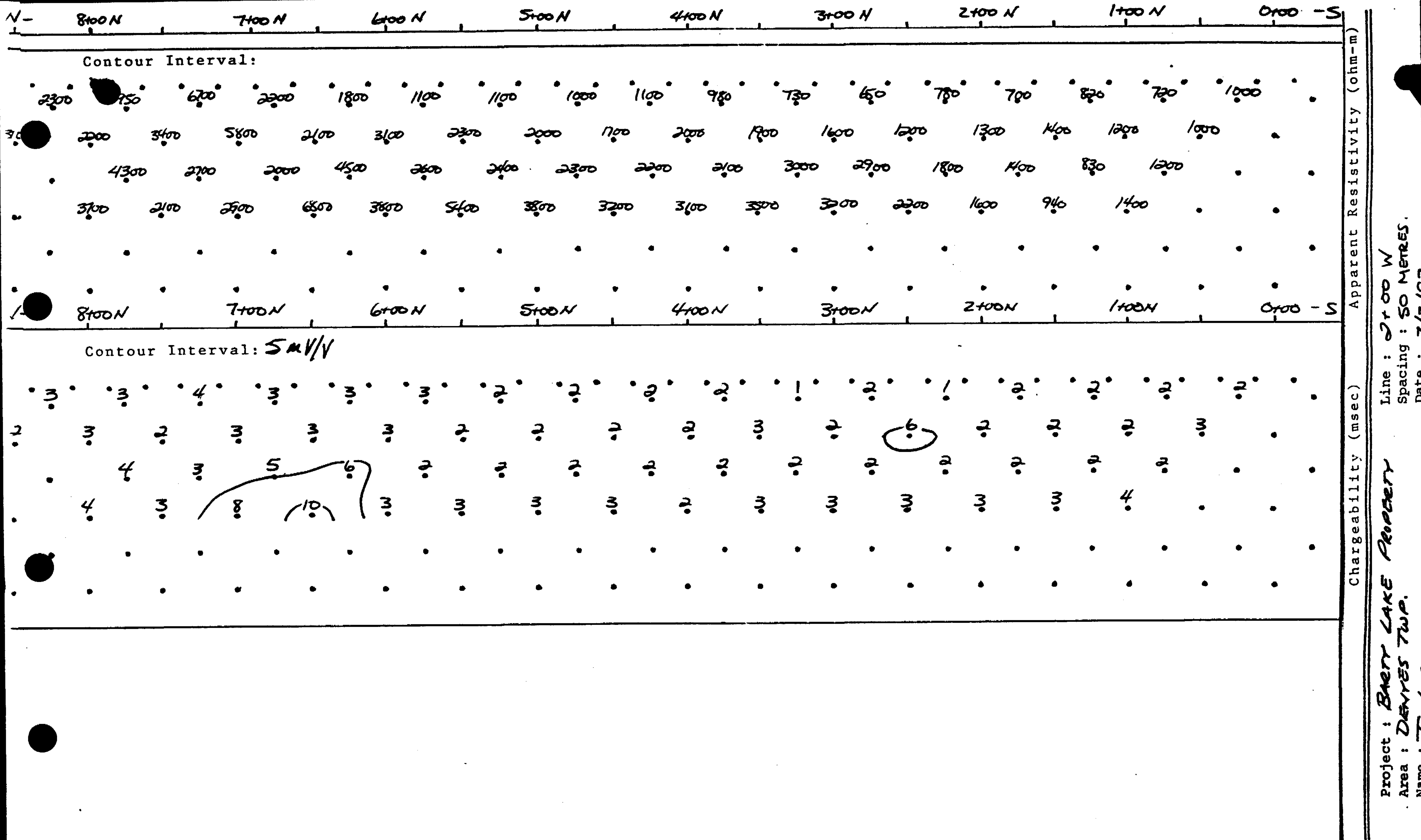
Contour Interval: 5 mV/V

3 2 1 6 12
1 1 7 12 17 14
2 6 8 15 18 23
1 8 13 21 22

Chargeability (msec) Apparent Resistivity (ohm-m)

Project : BARRY LAKE PROSPECT.
Area : DENYES TWP.

Line : 4+00W
Spacing : 50 METRES



N- 8+00N 7+00N 6+00N 5+00N 4+00N 3+00N 2+00N 1+00N 0+00 -S
Contour Interval:
Apparent Resistivity (ohm-m)
N- 8+00N 7+00N 6+00N 5+00N 4+00N 3+00N 2+00N 1+00N 0+00 -S
Contour Interval: 5 mV/V
Chargeability (msec)
Project : BARRY LAKE PROPERTY
Area : DENYES TWP.
Name :
Line : 2+00 W
Spacing : 50 METRES
Date :

N- 8+00N 7+50N 7+00N 6+50N 6+00N 5+50N 5+00N 4+50N 4+00N 3+50N 3+00N 2+50N 2+00N 1+50N 1+00N 0+50N — S

Contour Interval: LOGARITHMIC Ω-m

950 6700 2300 1800 1100 1100 1000 1100 980 730 680 780 710 800 720
2300 3400 5800 2100 3100 2300 1700 2000 1900 1600 1300 1300 1400 1200 1000
4350 2700 2000 4500 2600 2400 2300 2300 2100 3000 2900 1800 1400 830 1300
2100 2900 6800 3800 5400 3800 3200 3100 3500 3200 2200 1700 240 1400

N- 8+00N 7+50N 7+00N 6+50N 6+00N 5+50N 5+00N 4+50N 4+00N 3+50N 3+00N 2+50N 2+00N 1+50N 1+00N 0+50N — S

Contour Interval: 5 mV/V

3 4 3 3 3 2 2 2 2 1 2 1 2 2 2
3 2 3 3 3 2 2 2 2 3 2 (6) 2 2 2 3
4 3 5 6 2 2 2 2 2 2 2 2 2 2 2
3 8 (10) 3 3 3 3 2 3 3 3 3 4

Apparent Resistivity (ohm-m)

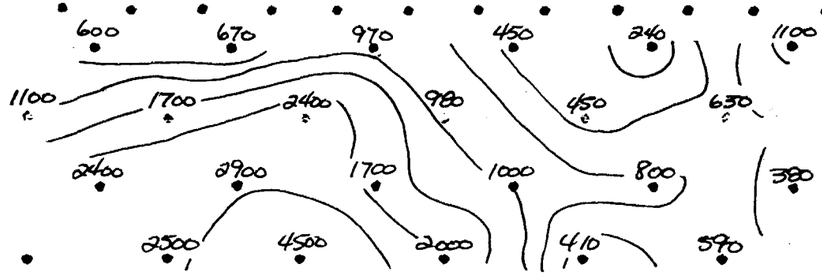
Chargeability (msec)

Line : 2+00 W
Spacing : 50 METRES
Date : MARCH 30, 1994

Project : BAKETY LAKE GRID
Area : DERNIES TWP.
Name : T. INSINNIA

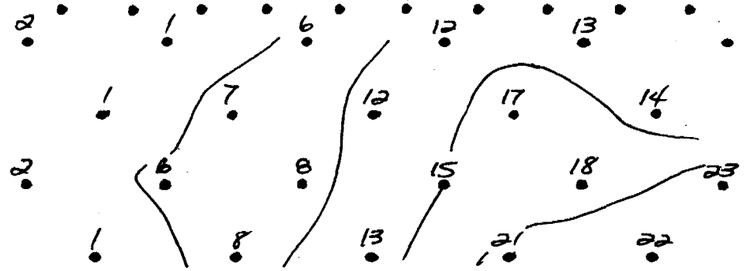
N- 1+50N 1+00N 0+50N 0+00 0+50S 1+00S 1+50S 2+00S 2+50S 3+00S 3+50S 4+00S -S

Contour Interval: LOGARITHMIC Ω-m



N- 1+50N 1+00N 0+50N 0+00 0+50S 1+00S 1+50S 2+00S 2+50S 3+00S 3+50S 4+00S -S

Contour Interval: 5 mV/V



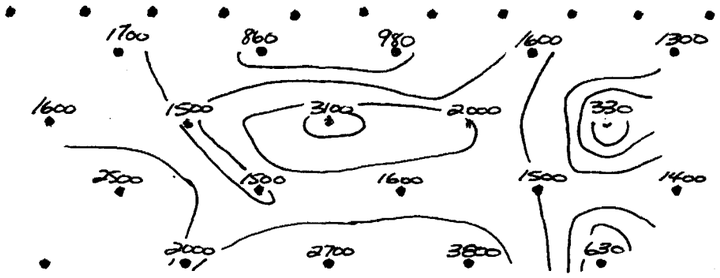
Chargeability (msec) Apparent Resistivity (ohm-m)

Project : BAKETY LAKE GRID
Area : DENYES TWP
Name : T. INSINNIA

Line : 4+00 W
Spacing : 50 METRES
Date : MARCH 30, 1994

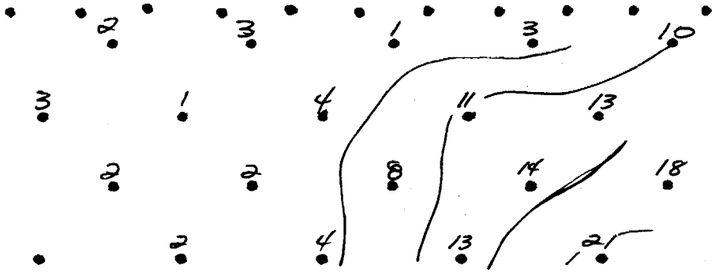
N— 0+50S 1+00S 1+50S 2+00S 2+50S 3+00S 3+50S —S

Contour Interval: LOGARITHMIC Ω-m



N— 0+50S 1+00S 1+50S 2+00S 2+50S 3+00S 3+50S —N

Contour Interval: 5 mV/V



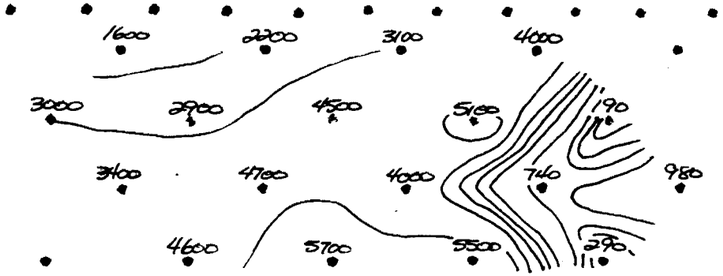
Chargeability (msec) Apparent Resistivity (ohm-m)

Line : 5+00 W
Spacing : 50 METRES
Date : MARCH 30, 1984

Project : BARRY LAKE GRID
Area : DENYES TWP.
Name : T. INSINNA.

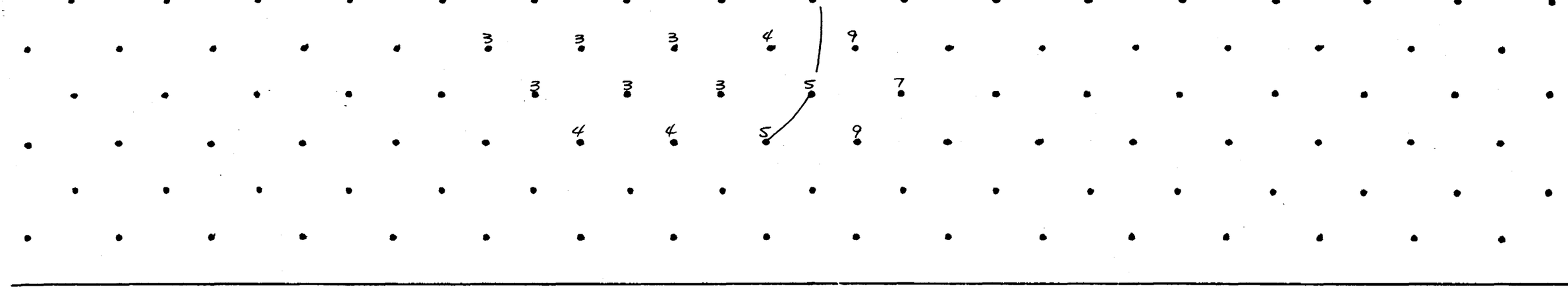
N- 0+50S 1+00S 1+50S 2+00S 2+50S 3+00S 3+50S -S

Contour Interval: LOGARITHMIC Ω-m



N- 0+50S 1+00S 1+50S 2+00S 2+50S 3+00S 3+50S -S

Contour Interval: 5 mV/V

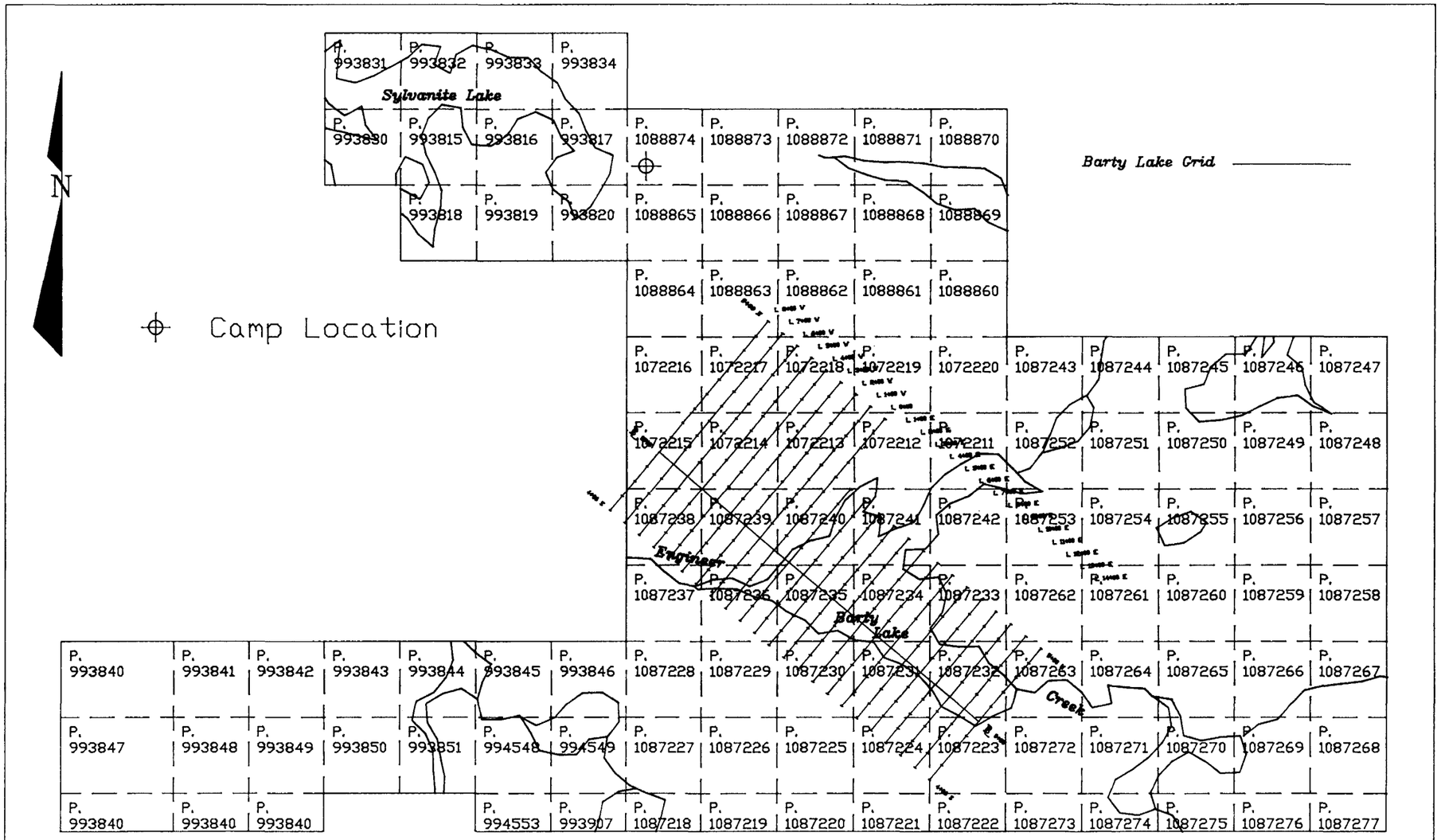


Apparent Resistivity (ohm-m)

Chargeability (msec)

Line : 6+00 W
Spacing : 50 METRES
Date : MARCH 30, 1984

Project : BARRY LAKE GRID
Area : DENYES TWP.
Name : T. IWANIW

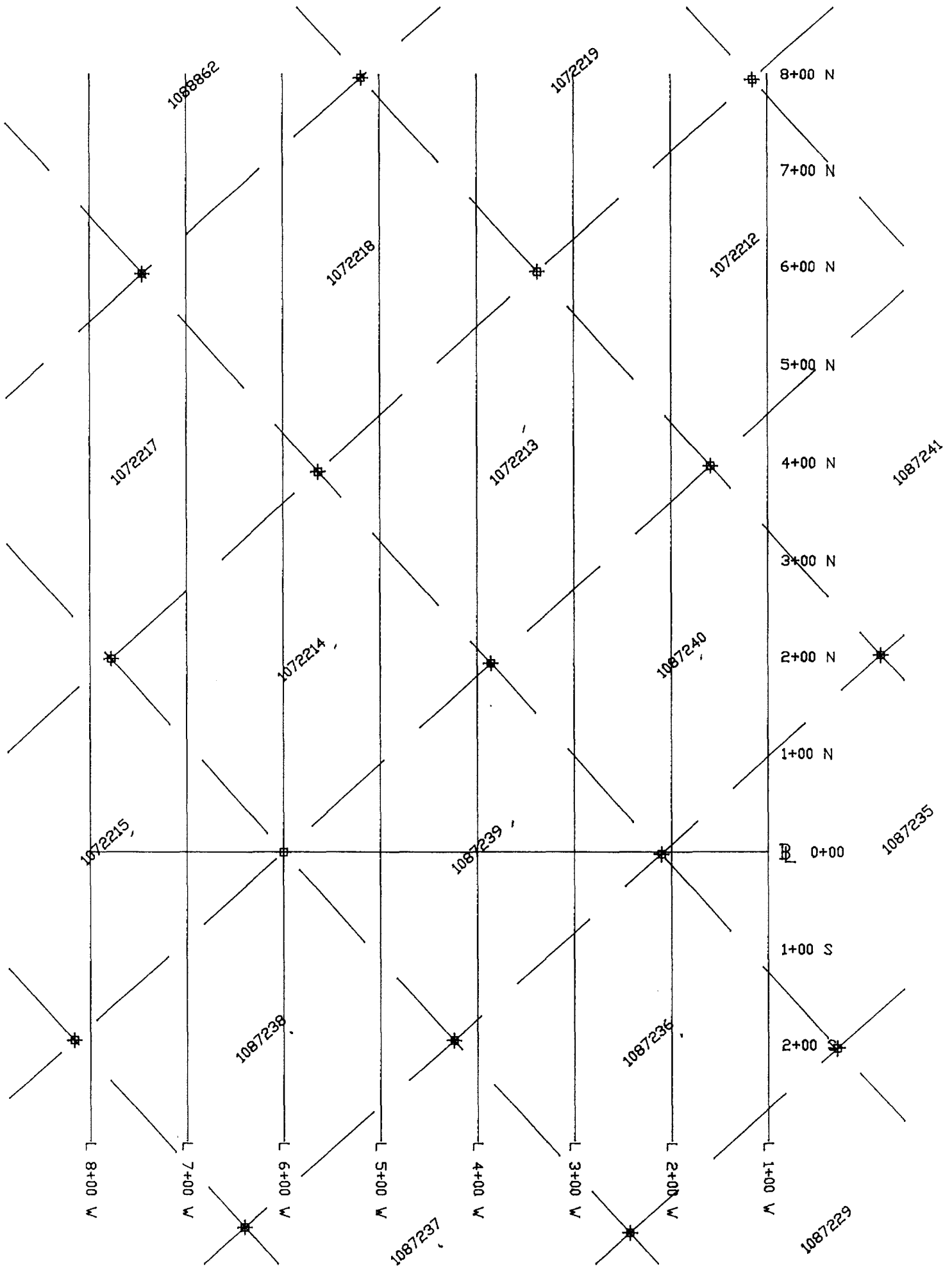


Dan Patrie Exploration Limited

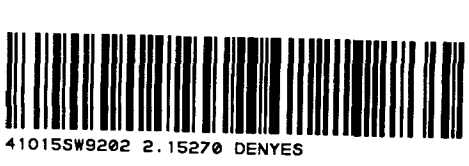
Denyes Township Claims
Barty Lake Grid Base Map

Project: Patrie Claims – Hemlo Gold Option

Drawn by: T. Inshaw	Scale	Dwg. No.
Date: March 15, 1994	1:25,000	1



Dan Patrie Exploration Limited		
	Base Map	
Project: Denyes Twp. – Barty Lake Property		
Drawn by: T. Insinna	Scale	Dwg. No.
Date: March 22, 1994	1:5000	5



900

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

Geoscience Approvals Section
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

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

April 8, 1994

Our File: 2.15270
Transaction #: W9360.00211

Mining Recorder
Ministry of Northern
Development and Mines
60 Wilson Avenue
1st Floor
Timmins, Ontario
P4N 2S7

Dear Sir/Madam:

Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS P.1072212 ET AL IN DENYES TOWNSHIP

The deficiencies in the original submission have been rectified.

The assessment work credits for Geophysics (I.P.), Section 14 of the Mining Act Regulations, have been approved as outlined on the attached Assessment Work Credit form.

The approval date is April 7, 1994.

If you have any questions regarding this correspondence, please contact Lucille Jerome at (705) 670-5855.

Yours sincerely,

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

LJ/ls

cc: Resident Geologist
Timmins, Ontario

Assessment Files Library
Toronto, Ontario

ASSESSMENT WORK CREDIT FORM

FILE NUMBER: 2.15270
DATE: April 7, 1994
RECORDER'S REPORT NUMBER: W9360.00211

RECORDED HOLDER: Jean Patrie
Dan Parrie

CLIENT NUMBER: 180012
179999

TOWNSHIP OR AREA: Denyes Township

CLAIM	VALUE OF WORK DONE ON THIS CLAIM	VALUE APPLIED TO THIS CLAIM	VALUE ASSIGNED FROM THIS CLAIM	RESERVE
993840	$ 0	$ 314	$ 0	$ 0
993841	0	314	0	0
993842	0	314	0	0
993843	0	314	0	0
993844	0	314	0	0
993845	0	314	0	0
993846	0	314	0	0
993847	0	314	0	0
993848	0	314	0	0
993849	0	314	0	0
993850	0	314	0	0
993851	0	314	0	0
993907	0	314	0	0
994548	0	314	0	0
994549	0	314	0	0
994550	0	314	0	0
994551	0	314	0	0
994552	0	314	0	0
994553	0	314	0	0
1072211	0	314	0	0
1072212	3900	314	3586	0
1072213	2000	314	1686	0
1072214	1800	314	1486	0
1072215	1700	314	1386	0
1072216	150	314	0	0
1072217	2500	314	2186	0
1072218	2800	314	2486	0
1072219	2000	314	1686	0
1072220	0	314	0	0
1087218	0	314	0	0
1087219	0	314	0	0
1087220	0	314	0	0
1087221	0	314	0	0

CLAIM	VALUE OF WORK DONE ON THIS CLAIM	VALUE APPLIED TO THIS CLAIM	VALUE ASSIGNED FROM THIS CLAIM	RESERVE
1087222	0	314	0	0
1087223	0	314	0	0
1087224	0	314	0	0
1087225	0	314	0	0
1087226	0	314	0	0
1087227	0	314	0	0
1087228	0	314	0	0
1087229	300	314	0	0
1087230	0	314	0	0
1087231	0	314	0	0
1087232	0	314	0	0
1087233	0	314	0	0
1087234	0	314	0	0
1087235	300	314	0	0
1087236	1064	314	750	0
1087237	800	314	486	0
1087238	4700	314	4386	0
1087239	3300	314	2986	0
1087240	2800	314	2486	0
1087241	300	314	0	0
1087242	0	314	0	0
1087243	0	314	0	0
1087244	0	314	0	0
1087245	0	314	0	0
1087246	0	314	0	0
1087247	0	314	0	0
1087248	0	314	0	0
1087249	0	314	0	0
1087250	0	314	0	0
1087251	0	313	0	0
1087252	0	313	0	0
1087253	0	313	0	0
1087254	0	313	0	0
1087255	0	313	0	0
1087256	0	313	0	0
1087257	0	313	0	0
1087258	0	313	0	0
1087259	0	313	0	0
1087260	0	313	0	0
1087261	0	313	0	0
1087262	0	313	0	0
1087263	0	313	0	0
1087264	0	313	0	0
1087265	0	313	0	0
1087266	0	313	0	0
1087267	0	313	0	0
1087268	0	313	0	0
1087269	0	313	0	0
1087270	0	313	0	0

CLAIM	VALUE OF WORK DONE ON THIS CLAIM	VALUE APPLIED TO THIS CLAIM	VALUE ASSIGNED FROM THIS CLAIM	RESERVE
1087271	0	313	0	0
1087272	0	313	0	0
1087273	0	313	0	0
1087274	0	313	0	0
1087275	0	313	0	0
1087276	0	313	0	0
1087277	0	313	0	0
1088860	0	313	0	0
1088861	0	313	0	0
1088862	1400	313	1087	0
1088863	800	313	487	0
1088864	0	313	0	0
1088865	0	313	0	0
1088866	0	313	0	0
1088867	0	313	0	0
1088868	0	313	0	0
1088869	0	313	0	0
1088870	0	313	0	0
1088871	0	313	0	0
1088872	0	313	0	0
1088873	0	313	0	0
1088874	0	313	0	0
	$ 32,614	$ 32,614		$ 0

M.L.

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9360.00211

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

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

2.15270

Recorded Holder(s)		Client No.
Jean P. Patrie & Dan Patrie		I80012 & I79999
Address		**Telephone No.**
P O Box 45, Masey, Ontario P0P 1P0		(705) 844-2113
Mining Division	**Township/Area**	**M or G Plan No.**
Porcupine	Denyes	
Dates Work Performed From: May 20/93	To: June 09/93	

Work Performed (Check One Work Group Only)

	Work Group	Type
X	Geotechnical Survey	Geophysics
	Physical Work, Including Drilling	
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

RECEIVED
JAN 19 1994
MINING LANDS BRANCH

RECORDED
DEC 13 1993
Receipt

Total Assessment Work Claimed on the Attached Statement of Costs $ 43,692

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	P O Box 45, Massey, Ontario P0P 1P0
See Appendix I of report for list of pesonnel	

(attach a schedule if necessary)

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

	Date	Recorded Holder or Agent (Signature)
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.	Nov 26,93	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 after its completion and annexed report is true.

Name and Address of Person Certifying		
Dan Patrie P O Box 45, Massey, Ontario P0P 1P0		
Telepone No.	**Date**	**Certified By (Signature)**
(705) 844-2113	Nov 26/93	

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
$43,692	DEC. 13, 1993	D. White	RECEIVED DEC 18 1993 PORCUPINE MINING DIVISION
	Deemed Approval Date: MAR. 14, 1994	Date Approved	
	Date Notice for Amendments Sent		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	993840	I	0	420	0	
	993841	I	0	420	0	
	993842	1	0	420	0	
	993843	1	0	420	0	
	993844	1	0	420	0	
	993845	1	0	420	0	
	993846	1	0	420	0	
	993847	1	0	420	0	
	993848	1	0	420	0	
	993849	1	0	420	0	
	993850	1	0	420	0	
	993851	1	0	420	0	
	993907	1	0	420	0	
	994548	1	0	420	0	
	994549	1	0	420	0	
	994550	1	0	420	0	
	994551	1	0	420	0	
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

0241 (03/91)

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 priorize 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 priorized 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

NOV 12 '93 11:01

Number for Applying Reserve	Claim Number (see Note 2)	of Claim Units	Assessment Work Done on this Claim	Applied to this Claim	Assigned from this Claim	Reserve. Work to be Claimed at a Future Date
	994552	1	000	420	0	
	994553	1	0	420	0	
	1072211	1	0	420	0	
	1072212	1	0	420	0	
	1072213 ✓	1	6,000	420 XXXXX	5580	
	1072214 ✓	1	6,000	420	5580	
	1072215 ✓	1	6,000	420	5580	
	1072216	1	0	420	0	
	1072217	1	0	420	0	
	1072218	1	0	420	0	
	1072219	1	0	420	0	
	1072220	1	0	420	0	
	1087218	1	0	420	0	
	1087219	1	0	420	0	
	1087220	1	0	420	0	
	1087221	1	0	420	0	
	1087222	1	0	420	0	
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

0241 (93/01)

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

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

Signature

Date Nov. 3/93

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1087223	1	0	420	0	
	1087224	1	0	420	0	
	1087225	1	0	420	0	
	1087226	1	0	420	0	
	1087227	1	0	420	0	
	1087228	1	0	420	0	
	1087229	1	0	420	0	
	1087230	1	0	420	0	
	1087231	1	0	420	0	
	1087232	1	0	420	0	
	1087233	1	0	420	0	
	1087234	1	0	420	0	
	1087235	1	0	420	0	
	1087236 ✓	1	3849 DP	420	3426 9 TB	
	1087237	1	3843 DP	420	3426 3 TB	
	1087238 ✓	1	6000	420	5580	
	1087239 ✓	1	6000	420	5580	
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

(224) (93/01)

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

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

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

Signature: [signature]

Date: Nov. 24/93

Reserve	(see Note 2)	Claim Units	Work Done on this Claim	Applied to this Claim	Assigned from this Claim	Claimed at a Future Date
	1087240 ✓	1	6000	420	5580	
	1087241	1	0	420	0	
	1087242	1	0	420	0	
	1087243	1	0	420	0	
	1087244	1	0	420	0	
	1087245	1	0	420	0	
	1087246	1	0	420	0	
	1087247	1	0	420	0	
	1087248	1	0	420	0	
	1087249	1	0	420	0	
	1087250	1	0	420	0	
	1087251	1	0	420	0	
	1087252	1	0	420	0	
	1087253	1	0	420	0	
	1087254	1	0	420	0	
	1087255	1	0	420	0	
	1087256	1	0	420	0	
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

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

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

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve Work to be Claimed at a Future Date
	1087257	1	0	420	0	
	1087258	1	0	420	0	
	1087259	1	0	420	0	
	1087260	1	0	420	0	
	1087261	1	0	420	0	
	1087262	1	0	420	0	
	1087263	1	0	420	0	
	1087264	1	0	420	0	
	1087265	1	0	420	0	
	1087266	1	0	420	0	
	1087267	1	0	420	0	
	1087268	1	0	420	0	
	1087269	1	0	420	0	
	1087270	1	0	420	0	
	1087271	1	0	420	0	
	1087272	1	0	420	0	
	1087273	1	0	420	0	
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

0241 (93/01)

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3. ☐ Credits are to be cut back as prioritized on the attached appendix

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

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

Signature

Date

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1087274	1	0	420	0	
	1087275	1	0	420	0	
	1087276	1	0	420	0	
	1087277	1	0	420	0	
	1088860	1	0	420	0	
	1088861	1	0	420	0	
	1088862	1	0	420	0	
	1088863	1	0	420	0	
	1088864	1	0	420	0	
	1088865	1	0	420	0	
	1088866	1	0	420	0	
	1088867	1	0	420	0	
	1088868	1	0	420	0	
	1088869	1	0	420	0	
	1088870	1	0	420	0	
	1088871	1	0	423	0	
	1088872	1	0	423	0	
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

0241 (93/01)

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

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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: [signature]

Date: Nov. 26/93

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1088873	1	0	423	0	
	1088874	1	0	423	0	
	XXXXXX					
	104		43,692	43,692	40.332	
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

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

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

Signature: [signature]

Date: 11-26-93

0241 (03/91)

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No /N° de transaction: W9360.00211

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

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

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type: Geophysics	30,400.00	
	Report	3,500.00	
	Plotting	1,000.00	$ 34,900.00
Supplies Used Fournitures utilisées	Type: Mylars-Flagging etc.	899.00	
	Gas for generators	135.00	
	Tarps Ryobi etc.	106.00	
			$ 1140.00
Equipment Rental Location de matériel	Type: H.T.V.S	2520.00	
			2520.00
	Total Direct Costs Total des coûts directs		38,560.00

2. Indirect Costs/Coûts indirects

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

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type: Vehicles - Km	$ 1332.00	
			1332.00
Food and Lodging Nourriture et hébergement	Groceries	800.00	800.00
Mobilization and Demobilization Mobilisation et démobilisation		3,000.00	3,000.00
	Sub Total of Indirect Costs Total partiel des coûts indirects		5,132.00
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			5,132.00
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs) / **Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles**			43692.00

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

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

Filing Discounts

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

Total Value of Assessment Credit	Total Assessment Claimed
× 0.50 =	

Remises pour dépôt

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

Valeur totale du crédit d'évaluation	Évaluation totale demandée
× 0,50 =	

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as _____ I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

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

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

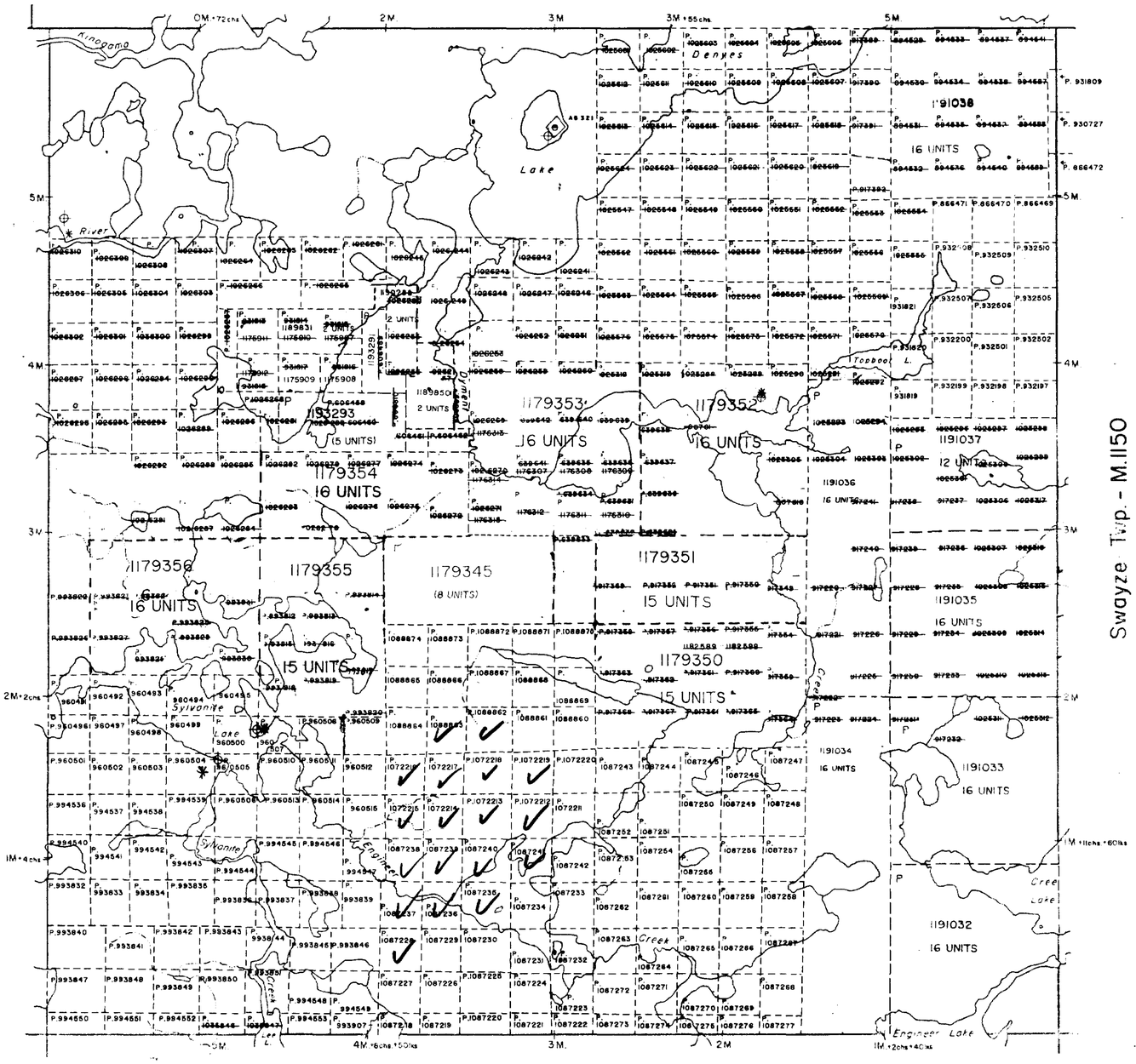
à faire cette attestation.

Signature	Date
Dan Patec	Nov 25/93

0212 (04/91)

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

Raney Twp. - M.1069



Halcrow Twp. - M.906

Swayze Twp. - M.1150

Greenlaw Twp. - M.895

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.

THE TOWNSHIP OF

DENYES

DISTRICT OF SUDBURY

PORCUPINE MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

PATENTED LAND	(P)
CROWN LAND SALE	C.S.
LEASES	(L)
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	
CANCELLED	C.
PATENTED FOR S.R.O.	(S)

NOTES

600' surface rights reservation along the shores of all lakes and rivers.

* L.U.P.

⊕ REMOTE TOURIST CAMPS

ISSUED
JAN - 7 1994
PORCUPINE MINING DIVISION

N. SERVICE OCT. 31/89 CHECKED BY R. BAILEY

PLAN NO. G-1107

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

LOCATION MAP
0 400 800 1200 1600
METERS
LEGEND
MAX MINI II CONDUCTOR AXIS
VLF-EM CONDUCTOR
HUMUS GEOCHEMICAL VALUES
ppb Au
ppm Cu
I.P. ANOMALY
LITHOLOGIC CONTACT
DIABASE DYKE
MAGNETIC ZONE
INTERPRETED FAULT
AIRBORNE VLF CONDUCTOR
SCALE 1:2500
METRES
I
II
III
IV
X
Y
Z
A
B1
B2
B3
B4
W1
W2
W3
W4
W5
W6
COMPILATION - INTERPRETATION
E. STRASHIN & ASSOCIATES
BARTY LAKE PROJECT
DENYES TOWNSHIP ONTARIO
NOVEMBER, 1993
2.15270
210