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REPORT ON THE 1997 EXPLORATION
ON THE
DOROTHEA GOLD PROPERTY
BY
POPLAR POINT EXPLORATIONS INC.

2.18252

Dorothea Twp. Ont.

Longitude 88 03'

Latitude 49 41'

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February 1998

By: P.Lassila

P. Lassila



CONTENTS

	Page
INTRODUCTION	4
PROPERTY	4
LOCATION AND ACCESS	5
PREVIOUS WORK	5
GEOLOGY AND MINERAL OCCURRENCES	7
FRANK HOUGHTON PROSPECTING AND RESULTS	10
VLF EM AND MAGNETOMETER SURVEY	11
VLF EM Results	11
Magnetic Results	12
INDUCED POLARIZATION (IP) SURVEY	14
East Grid IP Results	14
West Grid IP Results	16
SUMMARY OF RESULTS AND CONCLUSIONS	19
RECOMMENDATIONS	20
ESTIMATED EXPENDITURES	22
REFERENCES	23
AUTHOR'S CERTIFICATION	26
FIGURES	
Figure 1: Location Map	1
Figure 2: Claim Map	2
Figure 3: General Geology	3

MAPS:

- Map 1: Geology, West Grid
- Map 2: Geology, East Grid
- Map A: F.Houghton Prospecting Map
- Map B: F.Houghton Prospecting Map
- Map C: F.Houghton Prospecting Map
- Map D: F.Houghton Prospecting Map
- Map E: F.Houghton Prospecting Map
- Map F: F.Houghton Prospecting Map

PLATES:

- Plate 1: VLF Electromagnetic Survey: East Grid
In-Phase and Quadrature Profiles
- Plate 2: Vlf Electromagnetic Survey: East Grid
In-Phase and Quadrature Postings
- Plate 3: Magnetometer Survey: East Grid
Total Field Contours
- Plate 4: Magnetometer Survey: East Grid
Total Field Postings
- Plate 5: VLF Electromagnetic Survey: West Grid
In-Phase and Quadrature Profiles
- Plate 6: VLF Electromagnetic Survey: West Grid
In-Phase and Quadrature Postings
- Plate 7: Magnetometer Survey: West Grid
Total Field Contours
- Plate 8: Magnetometer Survey: West Grid
Total Field Postings
- Plate 9: Induced Polarization Survey: West Grid
Pseudosections
- Plate 10: Contoured Filtered IP
Resistivity and Chageability Plan: West Grid
- Plate 11: Induced Polarization Survey: East Grid
Pseudosections

**Plate 12: Contoured Filtered IP
Resistivity and Chargeability Plan: East Grid**

SUPPORTING DOCUMENTS (after end of text).

SUPPORTING DOCUMENTS

1997 DAILY PROSPECTING LOG

WORK PROGRAM DATA

Line Cutting

Prospecting

Bulldozer Stripping

Geological Mapping and Sampling

VLF EM and Magnetometer Survey Particulars

IP Survey Particulars

ASSAY DATA

Assay Data Sheet

Assay Certificate

Assay Invoice

PROPERTY OWNERSHIP

Abstracts

EXPENDITURES: 1997

Line Cutting

Prospecting

Bulldozer Stripping

VLF and Magnetometer Survey

Self Potential (IP) Surveys

Geological Mapping, Sampling, Bulldozer Stripping and Supervision

Assays

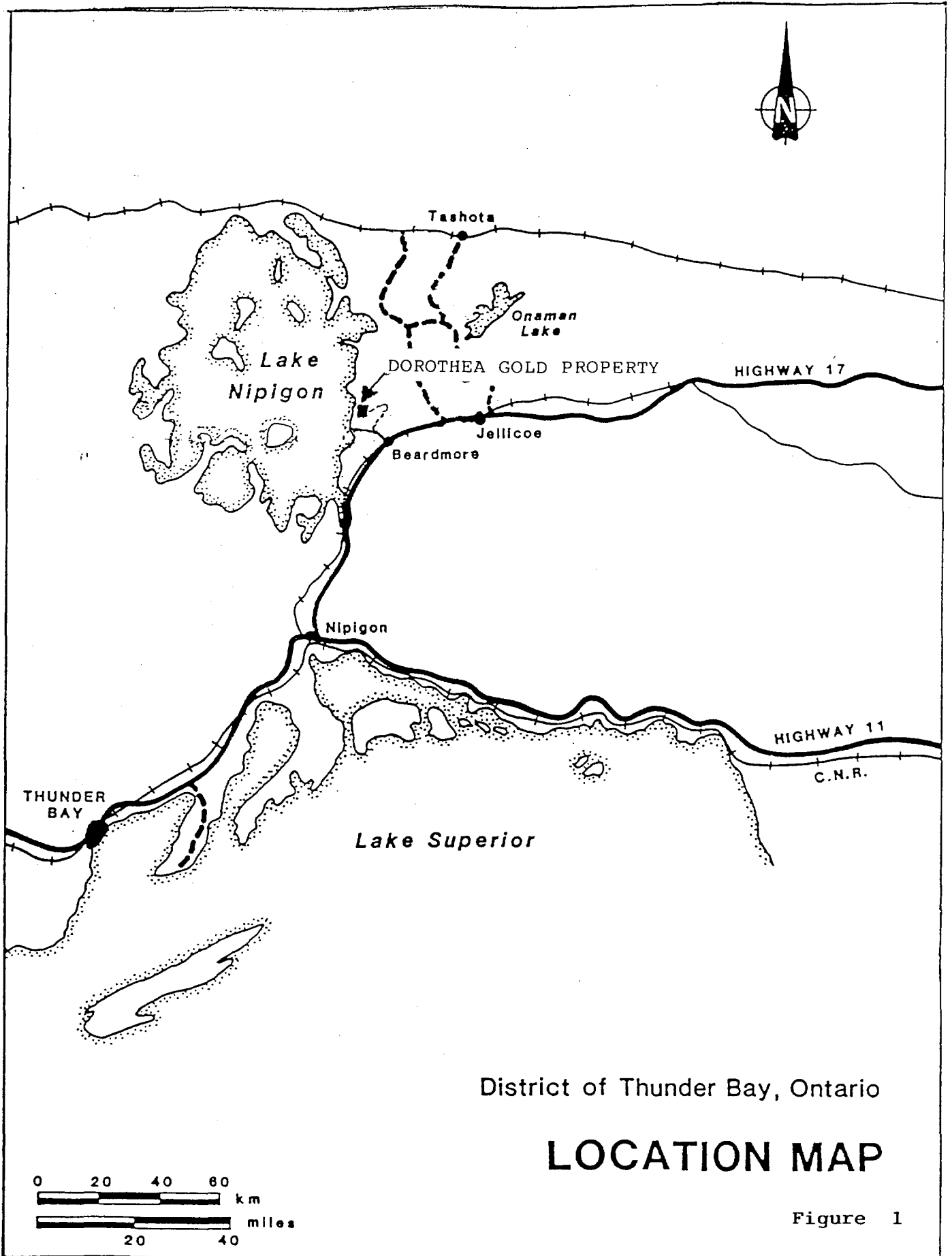
Reports

EXPENDITURES 1997

Detailed Listing

(Includes Names, Addresses and Dates of Work).

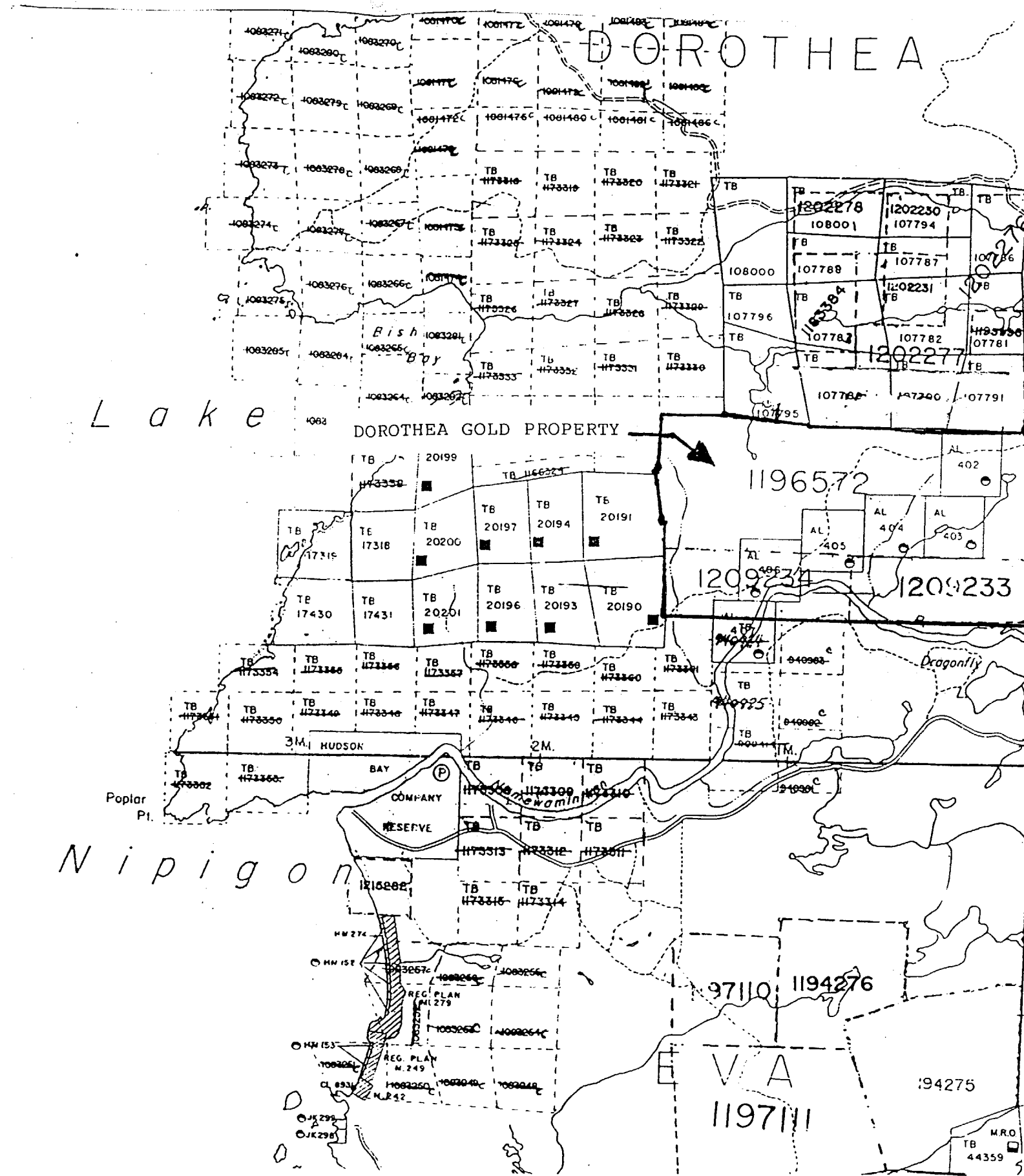
EXPENDITURE RELATED INVOICES



District of Thunder Bay, Ontario


LOCATION MAP

Figure 1



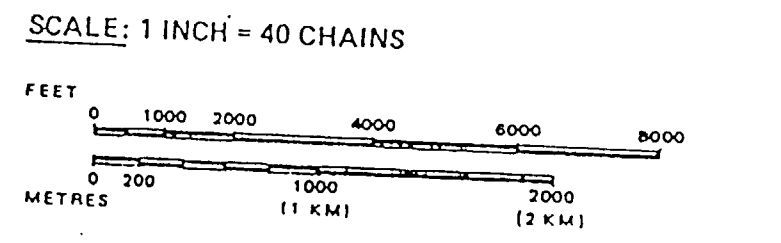
SANDRA TP.
G-167
FOR STATUS REFER TO TP PLAN

AREA
POPLAR POINT
M.N.R. ADMINISTRATIVE DISTRICT
NIPIGON
MINING DIVISION
THUNDER BAY
LAND TITLES / REGISTRY DIVISION
THUNDER BAY

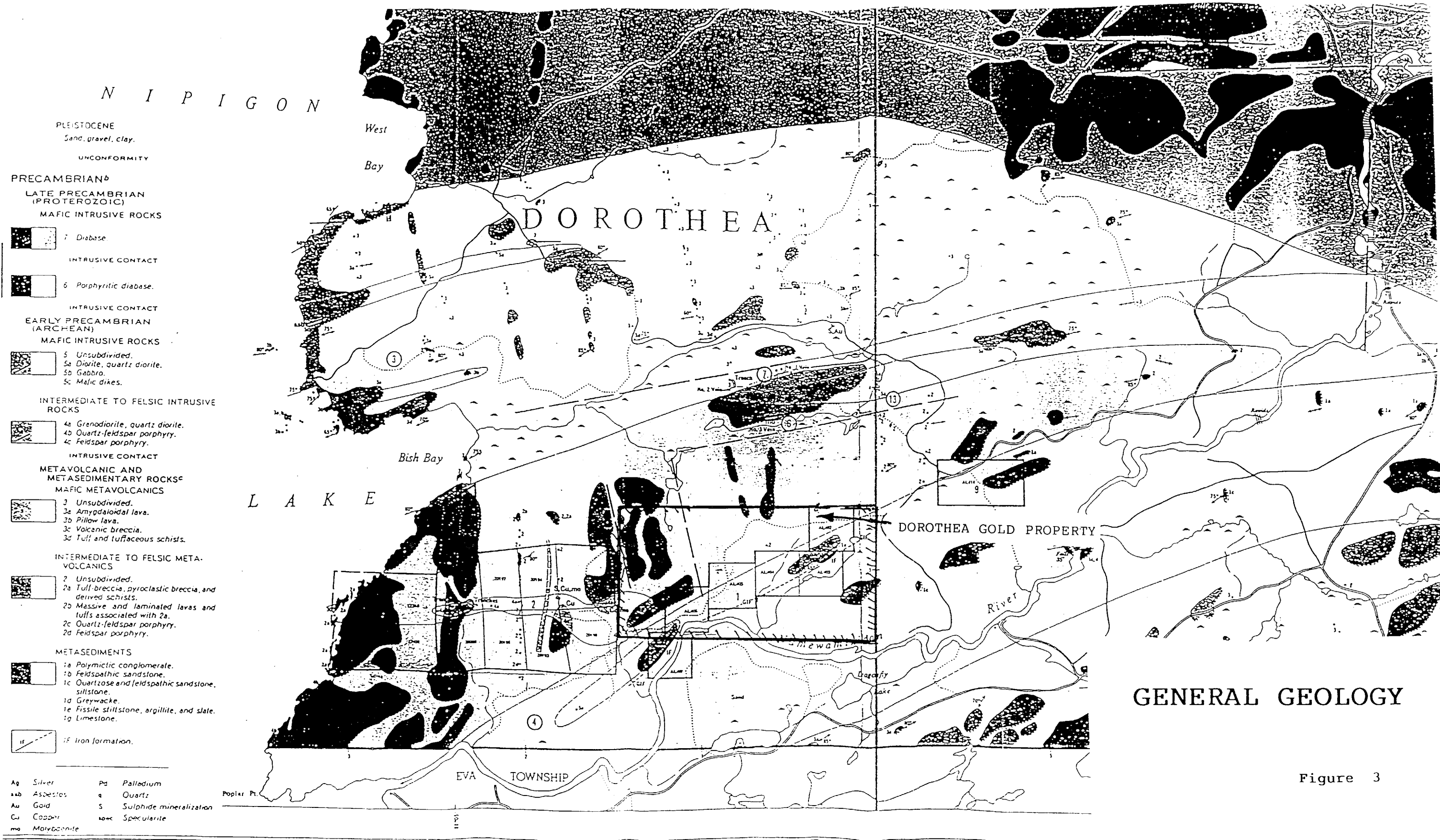
 Ministry of Natural Resources
Land Management Branch

Date FEBRUARY 1981
Info Service April 3, 1990.

Number
G-116



CLAIM MAP
Figure 2

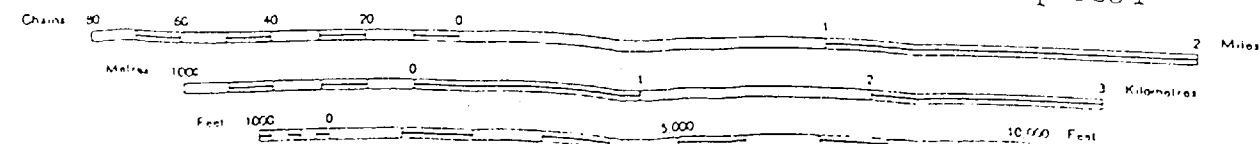


GENERAL GEOLOGY

Figure 3

Scale 1:31,680 or 1 Inch to 1/2 Mile

Map 2294



INTRODUCTION

From June to October 1997, Poplar Point Explorations conducted a comprehensive exploration program on its Dorothea Gold Property located just east of Lake Nipigon in Northwestern Ontario. Included in the program are:

- 1) 29.141 km of linecutting on two grids:
(F.Houghton, Contracting)
- 2) 25.15 km of VLF EM and Magnetometer Survey:
2100 station readings
(Dusan Dimitovic)
- 3) 25.15 km of geological mapping.
(P.Lassila, author of this report)
- 4) 8.9 km of Induced Polarization (IP) Survey:
286 station readings
(Geophysical Engineering and Surveys Inc.)
- 5) 43 days of prospecting and sampling: 24 grab
samples taken for assay.
(F.Houghton, Lic. #E29577)
- 6) 71.0 hours of bulldozer stripping.
(F & M Contracting)

This report records the work completed, provides results and conclusions and offers recommendations. Included are: 6 Prospecting Maps; 2 Geology Maps; 8 Plates depicting the VLF EM Results; 4 Plates depicting the IP results; all the related statistic data under "**Supporting Documents**".

PROPERTY

The property consists of three claims: 1196572, 1209233 and 1209234 comprising 12 units, 3 units and 3 units respectively, for a total of 18 units (**Fig. 1**). Ownership of all three claims is distributed 50% to F.Houghton and 50% to P.Lassila. The property was optioned by Poplar Point Explorations Inc. on May 15, 1997.

LOCATION AND ACCESS

The property is located in Dorothea Township at Longitude 88 03', Latitude 49 41' (about 20 km. northwest of Beardmore, Ontario) just east of Lake Nipigon (**Fig. 1**). The east property boundary follows the north-south boundary between Dorothea Township and Sandra Township. It is also shown on the Poplar Point Claim Map, G-116.

The property may be reached by driving north from Highway 11 (at a point 1 km east of Beardmore) along Highway 580 for about 8 km., then turn to the northeast along a gravel road until it crosses the Namewaminikan River on a bailey bridge. At the north end of the bridge, a dirt road leads some 7 km. to the southwest to the property area. Bulldozer roads lead you to the stripped areas on the property.

PREVIOUS WORK

Most of the early recorders of the geology in the Dorothea Property area were by government geologists, dating as early as 1869 when Robert Bell completed his exploration of the Lake Superior region for the newly formed Geological Survey of Canada. Many other following contributors to the geological information of the area include Dowling(1888), Parks(1901), Coleman and Moore(1907,1908), Wilson(1910), Burrow(1917), Tanton(1921), Langford(1929), Bruce(1936) and Laird(1936).

Of these Laird provided the most useful information specific to the Dorothea Gold Property area. Of particular interest is Laird's description and location of the gold-bearing Lawrence-Mckirdy Syndicate showings on the old claims, as follows:

"The Lawrence-McKirdy Syndicate holds a group of 9 unsurveyed claims (TB 19,670 to 19,678) in Dorothea Township, adjoining the Amorada Property on the south.

A considerable amount of trenching and test-pitting has been done at the main showing on claim T.B. 19,672 just south of the Amorada boundary. The most easterly test pit on the

south slope of a high east-west ridge exposes a rusty shear zone in greenstone over a length of 25 feet and a width of 6 feet. The schist strikes N.55 E. and dips 80 N. The zone is cut by an intricate network of ankerite stringers, and calcite segregations are common. Along the hanging-wall side of the "break" are irregular masses of quartz up to 6 inches in width. In the middle of the "break" is a lens of siliceous vein matter, 6 to 12 inches in width and 20 feet in length, which carries much arsenopyrite, as well as pyrite and galena. A grab sample of this material yielded 0.08 ounces of gold per ton."

This gold-bearing trench was relocated by F.Houghton in 1994 (**Lassila 1994 Report**).

Mapping of Dorothea and Sandra Townships for the Ontario Ministry of Northern Development and Mines by MacKasey(1976) provides detail of the basic geology underlying Dorothea Gold Property area (**Fig. 3**).

Other work includes geological mapping, an IP Survey and diamond drilling (DDH VII is within the present property area) by Glen Auden Resources Limited (**Bent and Bowen, 1988**). DDH VII encountered quartz-carbonate veining, arsenopyrite and pyrrhotite over some 25 feet (7.6 m) of which 4.5 feet (1.4 m) returned 1.33 g/t in gold.

The most recent work, supported by OPAP Grants, has been by Lassila and Houghton (1994, 1995, 1996). They completed prospecting, bulldozer stripping and sampling at several locations on the property. In 1994, they discovered the quartz calcite veined new gold occurrence which has returned several values between 5 g/t and 60 g/t in gold. (**Map 2, 9+40W, 1+95S**).

GEOLOGY AND MINERAL OCCURRENCES

The general geology of the area is represented in the 1975 mapping of Dorothea, Sandra and Irwin Townships by W.O.MacKasey (**Map 2294; see Fig. 3**). Additional geological detail is shown in the 1988 Glen Auden mapping over the property areas. This data is available in M.N.D.M. assessment files.

The property area is underlain by several geological formations or units. South to north they include:

- 1) Polymictic metaconglomerate in the southeast portion of the property.
- 2) At the north edge of the conglomerate, a narrow (less than 50m.) formation of banded wacke, hematite and magnetite follows ENE along or close the metaconglomerate contact with a northlying gabbroic intrusive.
- 3) A 100 m. wide ENE trending gabbroic intrusive, extends across the south central portion of the property.
- 4) North of the mafic intrusive lies well fractured fine grain rhyodacitic flows and brittle felsic breccia with pyrite fracture fillings.
- 5) The northwest half of the property is mainly underlain by mafic to intermediate massive flows, vesicular flows, and feldspar, calcite and minor quartz amygdaloidal lavas. Strong fracturing to brecciation has developed at some locations. Most of these mafic flows bear some degree of silicification.
- 6) In the southwest a 300 m. wide quartz diorite extends some 350 m. easterly on to claim 1196573.

Also, at several locations on the property, there are east-northeast trending altered, schistose, silicified and ankerite carbonatized fault systems. Some these zones carry gold enrichment, such as at the 1988 Glen Auden drill hole (20+25W, BL 8+00S on the west grid; Map 1). This hole intersected a 1.8m (5.8 ft) fractured quartz-carbonate vein with 10% arsenopyrite and 5% pyrite. Samples from 1.4 m. of this section returned 1.33 g/t gold. (Bowen and Bent, 1988).

Geological mapping over both grids was conducted by the author during July 1997, along 50 m. spaced picket lines on the west grid (**Map 1**) and 100 m. spaced lines on the east grid (**Map 2**). The bulldozer stripped areas were also mapped and samples were taken by both F.Houghton and P.Lassila (author of this report) from various quartz and quartz-carbonate-sulphide bearing locations of interest.

The West Grid (**Map 1**) is topographically rough terrain with abundant outcrop at some locations. This portion of the property is underlain by two main rock types, a medium grain commonly pyritic quartz diorite and fine grained volcanics which compositionally range from andesite to rhyolite.

A significant geological feature on the west grid is a medium grain quartz diorite intrusive which is well sheared east-westerly at two locations; 18+75W 10+50S and 19+75W 11+10W. At both locations minor pyritization, quartz carbonate veining and heavy ankerite carbonatization has impregnated a fault shear system. Samples from these zones during past work (1994, 1995, 1996) and present (1997) exploration returned only low values in gold. Best value is 429 ppb gold. An old 15 m. long blast trench cuts north-south across the pyritic quartz carbonate was located during prospecting by F.Houghton at 18+80W, 10+50S. Pyrite and few specks of chalcopyrite and molybdenum were observed in the altered quartz diorite.

The best outcrop exposure of the volcanics on the west grid is at about 21+50W, where a solid wall of rock extends southerly along the west side of a deep draw from 5+00S to 8+25S. This continuous outcrop provides an excellent north-south sectional view across the volcanics. This exposure exhibits fine grained volcanics which compositionally intergrade from andesitic to dacitic. It remains undetermined whether the compositional differentiations are primary or whether there was later weak silicification of the mafic flows. Probably both occurred.

Some 50 m. to 200 m. north of baseline 8+00S, a fine to fine-medium grain nearly black mafic volcanic with abundant hornblende is exposed at several locations.

Dacitic to rhyolitic flows were observed at a few locations on line 17+25W at 4+40S and 9+75S. A medium to coarse grain greenish amphibolitic metagabbro was also observed in three outcrops between 5+20S and 6+25S on line 17+25W.

The **East Grid** area is entirely underlain by volcanics. These are predominantly mafic lavas which compositionally intergrade between andesite and dacite. Feldspar amygdaloidal lavas are common. Calcite and, at one location (4+00W, 0+60N), quartz amygdules also are evident. Dacitic flows cover about 25% of the areas exposed in outcrop. They tend to be rather massive fine grained units. In the southwest part of the grid several outcrops exhibit slightly siliceous nearly monolithic angular fragmented breccia with fragments up to 10cm. across. Rhyolite and rhyolite breccia is well exposed on line 1+00E at 1+00S to 0+50S where it lies in sharp contact with northlying andesite flows.

Within the grid area there are two east-northeast trending silicified ankerite-carbonatized shear zones which have been partly exposed by bulldozer stripping. One is a 50 m wide zone on line 0+00 at 0+40S. It contains sericite schist, ankerite carbonate, narrow banded quartz veins, and very minor pyrite. Samples from this zone returned very low gold values.

The second 25 m to 50 m wide zone lies along baseline 0+00 where it has been partially exposed by bulldozer stripping from 2+20W to 4+75W. The old Lawrence-McKirdy gold bearing trench, reported by Laird in 1936, was rediscovered by F.Houghton in 1994 to be located in this zone at 4+15W and 0+10S on the present grid.

The zone contains silicification, sericitization, ankerite carbonatization, pyrite enrichment, minor arsenopyrite and quartz-carbonate veining up to 30 cm thick. Grab samples in 1997 from this location returned up to 1.28 g/t gold.

At 9+40W 1+95S a high gold value of 88.42 g/t (1997 sampling) was obtained from a zone of multiple quartz and quartz calcite veins which range from 3 cm to 15 cm thick. The host rock is a weakly silicified well fractured mafic volcanic. Pre-1997 sampling from this location also returned low 0.05 g/t to high 60+ g/t values in gold. Most samples from these quartz veins range from 5 g/t to 25 g/t gold. This occurrence is a new discovery first found in 1994. Visible free gold in the quartz from this location was discovered during prospecting by F.Houghton in 1997.

Related to the geology of the two grids are some twenty-three VLF EM conductors, all of which are covered by overburden. It is likely that at least some of these are sulphide bearing.

FRANK HOUGHTON PROSPECTING AND RESULTS

A total of 43 man days of prospecting, between June 07 , 1997 and Nov. 01, 1997, was carried out over the property by Frank Houghton (**Maps A, B, C, D and E**). A total of 24 assay grab samples were taken during Houghton prospecting and Lassila geological mapping, from quartz-veined location, ankerite carbonatized-silicified zones and pyrite locations, some of which were bulldozer stripped. The most significant gold values obtained include: 2.54 g/t gold from pyritic quartz veining at 8+20W, 2+50S; 88.46 g/t gold (also visible gold) from quartz calcite veining at 9+40W, 1+95S; 1.47 g/t gold from quartz-calcite veining at 9+45W, 1+95S; 1.28 g/t from pyritic quartz-ankerite carbonatized breccia at 4+59W, 0+34N; 0.96 g/t from pyritic quartz-ankerite carbonatized breccia at 4+75W, 0+34N.

Three plugger trenches were also blasted by Houghton and sampled: **East Grid** at 4+59W, 0+34N; **West Grid** at 18+80W, 10+55S and at 19+75W, 11+35S. Samples from the **East Grid** trench at 4+50W returned a best value of 1.28 g/t gold. Two samples from 18+80W trench returned 0.02 g/t gold and 0.69 g/t gold. One sample from the trench at 19+75W returned 0.19 g/t gold.

In general, polymictic metaconglomerate outcroppings were located by prospecting at the east end of the property at and close to the boundary of claims 1196572 and 1209233. Located south centrally on claim 1196572, fine to medium grained northlying gabbro was found to contact with southlying tightly banded magnetite and hematite iron formation striking Az. 075 and dipping -60 to the north. Elsewhere mafic to intermediate volcanics were observed.

THE VLF EM AND MAGNETOMETER SURVEY

VLF EM and Magnetometer Surveying was carried out over both the east and west grids with a EDA Omni Plus magnetometer-VLF instrument, using Cutler Maine for the VLF transmitter station. The surveys traversed along chainsaw cut, chained and picketed lines (Maps 1 and 2). VLF EM quadrature and dip angle (in-phase) and magnetic (total field) readings, were recorded at 12.5m station spacing. For the magnetic diurnal drift record a continuous-reading base station was set up at 5+15W, 1+75S (east grid). The daily readings from both the base station and operating magnetometers were then dumped into a computer which then automatically corrected all the readings for diurnal drift.

Further statistical VLF and Magnetometer data may be found under "Supporting Data" at the end of this report.

VLF EM Results

VLF surveying results indicate twelve weak to strong VLF EM conductive horizons on the **East Grid** designated as A, B, C, D, E, F, G, H, I, J, K, and L (**Plate 1**). On the **West Grid** eleven VLF EM conductors are indicated. These are designated as A, B, C, D, E, F, H, I, J and K (**Plate 4**).

On the **East Grid** only three VLF EM conductors, A, B, H and J lie under dry overburden conditions (**Map 2**). The gently shouldered VLF EM profiles across conductor A suggests that it is deeply buried under the overlying gently rolling sand plain. VLF EM conductor B is a very weak conductor which follows east up hill along a narrow draw along a carbonatized sericitic shear system. Conductor J lies immediately north of a magnetic high on a high hill at the westernmost line on the grid (line 11+00W). The western part of the rather weak conductor H also lies under high ground between two magnetic highs. These two conductors (J and H) should be traced towards the west and exposed with a backhoe for assay sampling.

The other EM conductors, C, D, E, F, L, K and the eastern part of H lie under sandy

or swampy ground. Diamond drilling would likely be required to test these conductive locations for mineralization. Judging from the EM profile characteristics, the surface ground conditions and the general geological knowledge of the area, it appears that these conductors lie along fault shears superimposed with conductive overburden. Pyritization, silicification, carbonatization, chloritization and sericitization are commonly associated with such conductive systems.

On the **West Grid (Plate 4)** the very weak VLF EM conductors J, G and H, lie under high outcrop ground. The other VLF EM conductors are overburden covered. Conductor C, D and E lie within quartz-diorite in an area where the overburden is fairly shallow and bedrock should be reachable with a backhoe. All three appear to be bedrock related VLF EM conductors.

Conductor A is a very strong VLF EM conductor under moderately deep sandy to clay soil. It might be reached with a backhoe, but diamond drilling will likely be required to test it for mineralization.

Considering that there are several bulldozer exposed occurrences of heavily ankerite carbonatized, silicified shear zones in the area, it is quite likely that similar pyritic alteration zones may also occur along the VLF EM conductors B, C, D, E and G. Backhoe trenching is the ideal tool to expose these shallow overburden covered conductors.

MAGNETIC RESULTS

The magnetic survey results over both the east and west grids show several small locations of strong magnetic susceptibility which offer no clearly defined linear magnetic trends. These magnetic anomalies are likely caused by local concentrations of magnetite in the volcanics.

On the **East Grid** narrow (15m to 60m) short (25m to 100m) "spots" of 200 to 1000 magnetic highs are evident on several lines. These include:

1+00E at 1+50S to 1+90S

0+50E at 2+35S to 2+75S

1+50W and 2+00W at 2+75S to 3+40S

4+00W at 1+65S to 2+00S

6+00W at 1+80S to 2+10S
11+00W at 2+85S to 3+35S and
a broad high at 0+10N to 0+70N

Of interest on the zones of high magnetics on line 11+00W, is that they are flanked by magnetic lows centred over VLF EM conductors (H, J and L).

On the **West Grid** on line 20+25W a strong magnetic high to over 18500 above background is reflected between 6+60S and 7+00S. It is flanked on all sides (lines 9+25W, 20+25W and 20+75W) by magnetic lows below background by as much as -5000. This magnetic phenomena bears considerable exploration interest because it lies over the location where the 1988 Glen Auden drill hole intersected pyrrhotite, arsenopyrite and quartz carbonate veining from which a 4.5 ft. (1.4 m) section returned 1.33 g/t gold (Bent and Bowen, 1988). Of further interest is the fact that a strong IP chargeability anomaly (6+75S to 7+35S) coexists with the magnetic high on the two lines 19+75W and 20+25W. (See page 21 for IP details). This location is a "must" priority target for further testing by diamond drilling.

Other locations of "magnetic" interest include two narrow single line magnetic lows. One is on line 17+75W between 5+25S and 5+50S. This is a moderate strength magnetic low of -1341 with no flanking magnetic high. The others are on line 19+25W between 6+50S and 7+25S where sharp changes in magnetic response (-976 to +1003 to -4191 to +390) occur from one 12 m spaced reading to the next. These locations, which lie on high ground under shallow overburden, should be investigated with a backhoe for pyrrhotite sulphide mineralization and associated gold possibilities.

Two sharp single line magnetic highs of about 2000 above background are reflected on line 19+25W at 9+37S and 9+75S with a -200 low in between at 9+50S. This location lies on sloping shallow overburden ground also amenable to backhoe trenching.

No significant magnetic response is associated with any of the VLF EM conductors on the West Grid.

INDUCED POLARIZATION (IP) SURVEY

An IP survey was conducted over parts of both the east and west grids between Oct. 3 and Oct. 12, 1977 by Geophysical Engineering and Surveys Inc. using a Scintrex IPR 12 Time Domain Unit (**Plates 9, 10, 11 and 12**). A dipole-dipole current array with 25m electrode (**A**) spacing was utilized for the whole survey. The results are posted on IP pseudosections. (**Plates 9 and 11**) and resistivity and Chargeability Plans (**Plates 10 and 12**). See also "IP Survey" under "Supporting Data" for statistical details.

East Grid IP Results:

On the East Grid (**Plates 9 and 10**) several weak to moderate strength IP chargeability anomalies are evident. The resistivity variations tend to reflect high resistivity over dry highland to the north and low resistivity over lowland sandy clay bottom or swampy ground to the south. The very low resistivities at the south ends of lines 1+00W, 2+00W, 5+00W and 6+00W appear to be related to westerly striking VLF EM Conductors A, F and C near the south edge of the east grid.

The specific IP results are discussed line by line in the following text:

Line 0+00:

There is a very weak chargeability anomaly at 1+00S.

Line 1+00W:

A weak chargeability anomaly lies from 0+35S to 1+35S. At 1+50S a change occurs from high chargeability and resistivity in the north, to low chargeability and low resistivity in the south. At this point (1+50S) the topography also changes from rocky higher ground in the north to flat lowland sand-clay overburden covered ground in the south.

A moderate strength asymmetrical chargeability response is also reflected between 0+80S and 1+30S.

Line 2+00W:

On this line no significant chargeability anomaly is evident. However, the chargeability and resistivity changes at 1+50S from high chargeability and resistivity in the north to low chargeability and resistivity in the south. This aspect appears to be related to the same topographic and overburden phenomena that is evident on Line 1+00W.

The low resistivity at 3+25S likely is related to VLF EM Conductor A.

Line 5+00W:

On Line 5+00W a strong resistivity low is indicated between 2+20S and 2+50S, which is approximately coincident with VLF EM conductors F and C. However, there is only very weak evidence of an associated chargeability anomaly.

Line 6+00W:

A moderate but distinct chargeability anomaly is indicated at 1+60S to 2+25S.

An inverse configured resistivity low is reflected from swampy ground from 2+25S to the traverse end at 3+25S.

Line 7+00W:

On line 7+00W a strong chargeability anomaly is evident between 0+125W and 0+80N, as well as a less well defined chargeability anomaly between 1+60S and 2+12S. Also, at the south end of the IP traverse, a weak chargeability anomaly and an associated resistivity low is indicated at 3+75S, where the strong VLF EM Conductor F crosses line 7+00W.

This anomaly should be considered a high priority diamond drill target.

West Grid IP Results:

On the West Grid the IP results are rather complex. Each IP traverse line is discussed individually in following text:

LINE 17+75W:

On this line a weak chargeability response is apparent at 5+25S to 5+50S over dry high ground under shallow overburden.

A resistivity low at 10+25S to 10+50S may be related to VLF EM conductor A which crosses the line at 10+85S.

LINE 18+25W:

A very weak chargeability anomaly at 8+50S to 8+75S coincides with VLF EM conductor F which crosses the line at 8+60S. Associated is a modest resistivity low 8+35S to 8+90S under swampy but shallow overburden. A second weak chargeability anomaly is evident between 9+75S and 10+30S.

At 10+75S to 11+75S a 100m wide strong resistivity low is coincident with the strong VLF EM conductor A which crosses the line at 11+30S in an area covered by moderate depth sand and clay overburden. There is no significant associated chargeability anomaly.

LINE 18+75W:

On this line a modest chargeability anomaly is evident under high dry shallow overburden at 6+60S to 7+15S. A second distinct moderate chargeability anomaly occurs between 9+60S and 10+15S, This may be part of the same chargeability zone that occurs between 9+75S and 10+30S to the east on line 18+25W.

At 8+60S to 8+90S a weak asymmetrical resistivity low is expressed over the VLF EM conductor F (8+65S) under swampy but shallow overburden.

A strong resistivity low is exposed southward from 11+25S probably is related to VLF EM Conductor A:

LINE 19+25W:

On this line the IP results depict extremely strong erratic IP chargeability responses over 2/3 of the 650m traverse (4+50S to 7+75S and 8+75S to 10+00S). These anomalies which are not reasonably interpretable maybe related to an instrumentation problem. The contour depictions on Plate 10, of both the anomalous high chargeability and low resistivity relative to those adjacent lines, show a very strong lineal chargeability and an associated resistivity low following north along line 19+25W. There does not seem to be any justification for this phenomena, judging from the known geology in this area. Backhoe stripping through the shallow overburden plateau on this line between 5+00S and 7+50S should be able to expose sufficient rock to provide a definite answer to this questionable IP anomaly.

Also on this line, an asymmetrical but distinct resistivity low occurs at about 7+25S. At this point the topography drops abruptly from a rocky bluff south into shallow overburden cedar swamp, which covers the contact between southlying quartz diorite and northlying volcanics. The pseudosection also shows some indications of a resistivity low related to VLF EM Conductor A, at the very south end of the line at 11+00S.

LINE 19+75S:

A broad very strong chargeability anomaly extends from 6+35S to 7+25S on high dry shallow overburden ground. It has no associated resistivity low.

A weak resistivity low is apparent at about 11+10S.

Line 20+25W:

A broad strong chargeability anomaly extends from 6+75S to 7+50S. It apparently is a coextension of a similar anomaly just to the east on line 19+75W. An associated weak resistivity low also occurs between 6+75S and 7+00S in an

area covered by high dry shallow overburden. This anomaly is of particular importance because it coincides with the sulphide-gold bearing section intersected by the 1988 Glen Auden drill hole. (Also see text on page 12 under "Magnetic Results").

LINE 20+75W:

On this line there is a suggestion of a deep seated chargeability anomaly between 6+50S and 7+75S which may be a sideways reflection of the strong anomaly immediately to the east on lines 20+25W and 19+75W.

LINES 21+75W and 22+25W:

These two lines reflect a similar chargeability and resistivity phenomena related directly to topographic-overburden differences. On both lines, north of 8+20S, is a rocky non-overburden terrain. In this area moderate chargeability and high resistivity are uniformly distributed. South of 8+20S is wet gently sloping to flat deep sand-clay overburden terrain. At 8+20S there is sharp change southward in the IP response to uniformly low to negative chargeability and low resistivity across a wide zone. This aspect is of particular interpretive interest because it clearly depicts the difference in IP responses created by differences in terrain and overburden cover.

SUMMARY OF RESULTS AND CONCLUSIONS

The combined prospecting, bulldozer stripping, geological mapping, VLF EM and Magnetometer Survey and the IP survey have all contributed significantly with information for planning the next exploration step towards a successful mineral discovery on the Dorothea Gold Property.

Several bulldozer stripped sulphide mineralized alteration and/or quartz-bearing zones returned anomalous gold values (0.05 g/t to 1.0 g/t) as well as several significantly high values of 1.27 g/t to 88.4 g/t gold from different locations. In particular, the multi-quartz veined location at 9+40W 1+95S, which carries visible gold and returned a 88.4 g/t gold assay, should be targeted for diamond drill testing.

Several weak to very strong VLF EM conductors have been delineated on both the east and west grids. They all appear to have bedrock affinity, although some of the swamp covered conductors also reflect conductive overburden overprinting. The IP results over these conductors primarily indicate low resistivity. The best indication of associated chargeability anomaly is evident where the strong VLF EM conductor F crosses line 7+00W at 4+00S.

The most cost effective approach to exploring most of these VLF EM conductors is to first use a backhoe to expose them in bedrock for assay sampling. Those locations which return significant values, could later be diamond drilled to test for additional gold values at depth.

A few strong deep overburden covered VLF EM conductors such as conductors A and F on the East Grid and A on the West Grid, will require diamond drilling to test for mineralization.

Several strong IP chargeability anomalies are evident on the West Grid. The geophysically **most important zone** on the property is the strong IP anomaly at 6+35S to 7+35S, lines 19+75W and 20+25W. Here a 1988 Glen Auden drill hole intersected gold-bearing quartz carbonate in zone mineralized with pyrrhotite and arsenopyrite sulfides. Strong magnetic highs and lows which coincide with the IP anomaly provide further credence to the mineral potential of this location.

Other IP chargeability anomalies lie in shallow overburden areas where bedrock should be reachable by backhoe.

These locations include:

Line 6+00W, 1+50S to 2+60S

Line 7+00W, 2+12S

Line 17+75W, 5+25S to 5+50S

Line 18+25W, 8+50S to 8+75S (also a weak VLF EM Conductor)

Line 18+75W, 6+60S to 7+15S

Line 18+75W, 8+65S (also a VLF EM Conductor)

Line 19+25W ? (Not interpretable)

Line 19+75W, 6+35S to 7+25S

Line 20+25W, 6+75S to 7+35S

P. Tsile

RECOMMENDATIONS

A program of backhoe trenching and a total of 800 m of diamond drilling at several locations should be carried out to test geophysical and mineralized targets on the property.

Recommended work for specific locations is discussed in the list form following:

- 1) On the East Grid, VLF and magnetometer prospecting VLF EM Conductors H and J westward from line 11+00W(2+50S) to 3+50S) followed by backhoe trenching.
- 2) On the West Grid, VLF surveying should be conducted further to the south between 18+00W and 20+75W to further delineate VLF EM conductor A towards the west.
- 3) On the East Grid, backhoe trenching should be completed over VLF conductors A, H and J. On the West Grid backhoe trenching should be completed over VLF EM conductors B, C, D and G. Conductor A also should be backhoe reachable to bedrock in the area 19+25W to 19+75W

4) Diamond drilling:

East Grid: At least two 30 m, -45 DDH holes at A z. 350 should be drilled on line 9+30W at 2+10S and on line 9+50W at 2+10S, to test this gold-bearing quartz veined zone. If results from these initial holes are encouraging, additional drilling on strike and to greater depth will be required.

One 40 m DDH hole should be drilled through VLF EM conductor F at 4+00S on line 7+00W.

West Grid: At least 400m of diamond drilling in several drill holes should be planned to intersect the IP anomaly on lines 20+25W and 19+75S. At least one DDH hole should be directed to intersect close to the gold-bearing sulphide mineralized zone intersected by the 1988 Glen Auden drill hole. All the collar locations for drilling in this area should be determined "in the field" due to the rough topography. It may be advisable to drill some (all?) of the holes southward from the high plateau north of 6+50S to 7+00S.

One 50 m DDH drill hole should be drilled through VLF EM conductor A on line 17+75S at 10+85S.



ESTIMATED EXPENDITURES

To complete the recommended work a budget of \$141,000 will be required.

Estimated expenditures include:

1) VLF and Magnetometer Work	\$ 2,000
2) Diamond drilling, 800m at \$85/m	68,000
3) Backhoe trenching 80 hrs at \$85/hr.	6,800
4) Power washing and sampling, 10 days at \$800/day	8,000
5) Assay, 200 samples at \$12/sample	2,400
6) Geologist and assistant, 2 months	25,000
7) Board and Lodging, 2 months	6,000
8) 4 wheel drive vehicle, 2 months	3,000
9) Report	6,000
10) Materials and Supplies	2,000
11) Administration	11,800

Total Estimated Costs	\$141,000

J Lassile

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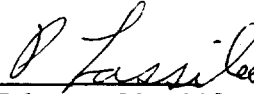
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AUTHOR'S CERTIFICATION

I, Pentti Lassila, do hereby certify as follows:

- 1) That I am an independent consulting geologist, and that I reside at 68 Albery Crescent, Ajax, Ontario.
- 2) That I am a graduate of the university of North Dakota, U.S.A., 1968, with the degree of Honours B.Sc. In Geology.
- 3) That I have been practising my profession in minerals exploration since 1968.
- 4) That I have been involved with the exploration work as is described in the report, completed the enclosed maps, am author of this report and am responsible for its contents.

P. Lassila



February 20, 1998

SUPPORTING DOCUMENTS

1997 DAILY PROSPECTING LOG

WORK PROGRAM

ASSAY DATA

PROPERTY OWNERSHIP

EXPENDITURES

1997 DAILY PROSPECTING LOG

F.Houghton, Lic. No. E29577
(P.O. Box 164, Beardmore, Ontario, P0T 1G0)

Prospecting For Poplar Point Explorations Inc.
on the
Dorothea Gold Property, Dorothea Twp. Ontario

June 7, 8, 9, 10 and 11; 5 Days: **Map A**

Prospect Claim 1209233 and southeast corner of Claim 1196572.

Found mostly overburden covered area with several outcrops of conglomerate in the far northeast, part of claim 1209233 and southeast part of claim 1196572. No. samples were taken.

June 23, 24, 25, 26 and 27; 5 Days: **Map B**

Prospect southeast part of claim 1196572 (south of road).

Found large swampy area with pond and mostly sand covered area with a few conglomerate outcrops in the east. Also a 300 m long hill (south central part) underlain by dark fairly fine grained mafic rock (gabbro?). It contacts with southlying well banded hematite-magnetite iron formation. Also, at one place, a thin sliver of a conglomerate was observed between the iron formation and gabbroic rock. Many mafic volcanic outcrops occur just east of the road (to the west). No samples were taken.

July 2, 4, 5, 6, 7 and 8; 6 Days: **Map C**

Prospected northwest corner of claim 1196572.

Found mafic to intermediate volcanics and a few small barren-looking quartz veins. Very brushy dead fallen balsam with raspberry bushes in most places makes this area very slow going. No samples were taken. Used E-W BL 0+00 and N-S TL 17+25 for traverse location control.

July 10, 11, 14, 15 and 16; 5 Days: **Map D**

Prospected north part of East Grid (between picket lines and along lines).

Found mafic volcanics and quartz-carbonate veining between 3+00 east and 4+50E near the base line. Marked for bulldozer stripping. To be sampled **after** bulldozer stripping.

July 21, 22, 23, 24, 25 and 26; 6 Days: **Maps E and F**

Prospecting and Sampling with P.Lassila (also mapping and sampling) bulldozer stripped locations with pyrite, quartz veining and quartz-carbonate alteration at several locations on both the East and West grids. Took many grab samples for assay. Also found speck of **free gold** at 9+40W, 1+95S.

Aug. 28, 29 and 30, 1997: 6 Man Days

With Philip Houghton assisting plugger trenching, East Grid at 4+50W, 0+30N area. Took 4 samples from pyrite quartz-carbonate zone.

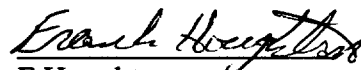
Sept. 2, 3, 4 and 5, 1997: 8 Man Days

With Philip Houghton assisting plugger trenching, West Grid at 18+80W, 10+55S and 19+75W, 11+30S. Took 4 samples from pyritic quartz-carbonate locations.

Nov. 12, 1997; 2 Man Days

Prospected area of VLF EM conductor B on West Grid and marked (flagged) three locations for future backhoe trenching. Self, assisted by Philip Houghton.

Total of **43 Man Days** prospecting between June 07, 1997 and Nov. 01, 1997 on the Dorothea Gold Property for Poplar Point Explorations Inc.



F.Houghton

Nov. 08, 1997

WORK PROGRAM DATA

- 1) Line Cutting
- 2) Prospecting
- 3) Bulldozer Work
- 4) Geological Mapping
- 5) VLF EM and Magnetometer Survey Particulars
- 6) IP Survey Particulars

WORK PROGRAM DATA

Line Cutting:

Houghton Line Cutting:

29.141 line km. chainsaw cut, chain measured picketed line.

Prospecting Days:

Frank Houghton: License #E29577

Total Man-Days Prospecting: 43 days

Bulldozer Work:

F&M Contracting

Type: Caterpillar D-6 Bulldozer

Total Hours: 71.0 hours.

Geological Mapping and Sampling:

P.Lassila; author of report

Completed 40 days of mapping over 25 line kms.

Total of 24 Grab Samples were taken by Houghton and Lassila.

VLF EM and Magnetometer Survey Particulars:

21.15 line km of survey, 2100 stations read.

Instruments: EDA Omni Plus

Operator: D. Dmitrovic

Survey Description:

The surveys were carried out by Dusan Dmitrovic using an EDA Omni Plus magnetometer-VLF system. This instrument combines a proton magnetometer and vertical gradiometer, with the capability to store a day's readings in digital form. A base station magnetometer was also used. When coupled for dumping into a computer, the two instruments automatically perform diurnal corrections. The VLF receiver uses three coaxial coils and a tilt-meter to synthesize readings of total field strength, in-phase dip in percent gradient, and quadrature in percent of primary field. Readings were taken at 12.5 metre intervals.

Data processing and map construction were carried out using the Geosoft system. Seven maps are presented at a scale of 1:2500: total field magnetic postings, total field magnetic contours, vertical magnetic gradient postings, vertical magnetic gradient contours, VLF in-phase and quadrature postings, VLF in-phase and quadrature profiles, and VLF Fraser filtered in-phase. The VLF profile map has interpreted conductor axes sketched on it. Each conductor is labelled as A, B, C, D etc.

IP Survey Particulars:

Time Period of Survey: Oct. 5 to Oct. 11, 1995

8.9 line km of IP Survey; 286 Station Readings

Instrument and Operating Data:

Receiver: Scintex IPR-12 Time Domain

RX-TX Timing: 2sec On 2sec Off

Plotted Window Slice: #9

Transmitter: Scintex IPC-9 200 Watt

Dipole - Dipole Array

A: Spacing 25m

N = 1 - 4

Plotted Data: Fraser Filtered (B)

Person In Charge: R.J.Meikle

Geophysical Engineering and Surveys Inc.

ASSAY DATA

1) **Assay Data Sheets**

2) **Assay Certificate**

POPLAR POINT EXPLORATIONS INC.

Dorothea Township

Rock Sample Data

<u>SAMPLE</u>	<u>LOCATION</u>	<u>DESCRIPTION</u>	<u>RESULTS</u> (g/t Au)
9218	Trench 6+50W at 1+75S	fract, silc-carb volc 1-3% py mainly along fractures: locally breccia	0.01 Au
9219	Trench 6+50W at 1+77s	same as #9218	0.02 Au
9220	Trench 9+90W at 0+40S	3cm. qtz vein with minor (<1%) py	0.01 Au
9221	Trench 9+90W at 0+41S	same as #9220	0.01 Au
9222	Trench 8+20W at 2+50S at Rd	5-8 cm qtz vein tr. py	2.54 Au
9223	Trench 4+40W at 0+35N	3cm qtz-calc veins with occas. patch c.py	0.01 Au
9224	Trench 4+41W at 0+35N	same as #9223	0.03 Au
9225	Trench 9+90W at 0+35S	qtz vein, heavy, ank carb, 1-3% py	0.01 Au
9226	Trench 0+15E at 0+40S	qtz ser sch, tr py	0.06 Au
9227	Plugger Trench 18+25W at 10+25S	ank-carb with qtz-carb vein, 1% py	0.02 Au
9228	Plugger Trench 18+30W at 10+25S	ank-carb with qtz-carb vein: 2% py	0.69 Au
9229	Trench 19+75W at 11+35S	pyritic qtz-carb shear	0.02 Au

POPLAR POINT EXPLORATIONS INC.
Dorothea Township
Rock Sample Data

<u>SAMPLE</u>	<u>LOCATION</u>	<u>DESCRIPTION</u>	<u>RESULTS</u> g/t Au
9230	Trench 9+40W at 1+95S	3cm qv (float 1% py in rubble)	*88.42 Au
9231	Trench 9+40W at 1+95S	3 - 4 cm. (float smoky qtz, in rubble) tr. py	0.04 Au
9232	Trench 9+45W at 1+95S	5cm qtz-calc (float vein, tr py in rubble)	1.47 Au
9233	Trench 4+05W,0+03S east end old trench	ser-chlor-ank carb sch with 30 qtz-carb veins, 1% py	0.02 Au
9234	Trench 4+08W,0+05S west end old trench	ank carb veining tr py	0.05 Au
9235	Trench 4+63W at 0+35N	4cm qtz-carb vein, tr py	0.16 Au
9236	Trench 4+59W at 0+34N	qtz-carb ank breccia, 10% py	*1.28 Au
9237	Trench 4+57W at 0+34N	qtz-carb ank breccia, 1-3% py	0.96 Au
9238	Trench 4+60W at 0+40N	mafic volc & carb ank 1% py	0.04 Au
9239	Trench 4+57W at 0+40N	qtz carb ank 2% py	0.17 Au

9240	Trench 4+56W at 0+40N	qtz carb ank 1% py	0.01 Au
9241	Trench 4+53W at 0+32N	chl-r-ser sch & qtz-carb veins	0.05 Au

All the samples are grab samples.

(Swastika Laboratories Certificate 7W-3203-RAI)

P Lassila



Swastika Laboratories

A Division of TSI/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

7W-3203-RA1

Assay Certificate

Company: **POPLAR POINT RESOURCES**
Project: **Dorothea**
Ann: **P. Lassila/C. Bowdidge**

Date: **Sept. 13-97**

**DOROTHEA
PROPERTY**

We hereby certify the following Assay of 24 Rock samples
submitted Sept. 08-97

Sample Number	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne	Au PPB	Au Check PPB	Au 2nd PPB	LOCATION
9218	0.01	-	-	12	-	-	6+50W, 1+75S
9219	0.02	-	-	19	-	-	6+50W, 1+75S
9220	0.01	-	-	14	-	-	9+90W, 0+40S
9221	0.01	-	-	10	-	-	9+90W, 0+41S
9222	* 2.54	2.37	-	2537	2366	-	8+70W, 2+50S (rd)
9223	0.01	-	-	5	-	-	4+40W, 0+35N
9224	0.03	-	-	33	-	-	4+41W, 0+35N
9225	0.01	-	-	9	-	-	9+90W, 0+35S
9226	0.06	-	-	60	-	-	0+15W, 0+40S
9227	0.02	-	-	24	-	-	18+25W, 10+25S
9228	* 0.69	-	-	686	-	-	10+30W, 10+25S
9229	0.02	-	-	19	-	-	19+75W, 11+35S
9230	** 88.42	88.46	83.90	88424	88458	83898	9+40W, 1+95S
9231	0.04	-	-	38	-	-	9+40W, 1+95S
9232	* 1.47	-	-	1474	-	-	9+45W, 1+95S
9233	0.02	-	-	22	-	-	4+05W, 0+03S
9234	0.05	-	-	53	-	-	4+08W, 0+05S
9235	0.16	-	-	159	-	-	4+63W, 0+35N
9236	* 1.28	1.37	-	1284	1371	-	4+59W, 0+34N
9237	* 0.96	-	-	963	-	-	4+57W, 0+34N
9238	0.04	-	-	41	-	-	4+60W, 0+40N
9239	0.17	-	-	170	-	-	4+57W, 0+40N
9240	0.01	-	-	7	-	-	4+56W, 0+40N
9241	0.05	-	-	55	-	-	4+53W, 0+32N

All samples are grab samples

One assay ton portion used.

Certified by K. Morrison

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3244 Fax (705)642-3300

PROPERTY OWNERSHIP

Abstracts

Claim No: TB 1196572
 Status: Active

 Due Date: 1999-MAY-09 | Recorded: 1994-MAY-09
 Work Required: 4800 | Staked: 1994-MAY-03 12:30

Total Work:	14,400	Description of Claim:
Total Reserve:	0	POPLAR POINT (G-0116)
Present Work Assignment:	0	Claim Units: 12
Claim Bank:	0	Multiple Township: N

 Claim Ownership

Percentage	Client#	Recorded Holder(s)
50.00	157595	LASSILA PENTTI
50.00	146058	HOUGHTON FRANKLIN ALFRED

Type	Date	Dollars	Description	
STAKER	1994-MAY-09		RECORDED BY KINDLA RICHARD KEITH (E13035)	R9440.00165
STAKER	1994-MAY-09		KINDLA RICHARD KEITH (152134) RECORDS 100.00 % IN THE NAME OF HOUGHTON FRANKLIN ALFRED (146058)	R9440.00166
TRAN	1994-SEP-08		HOUGHTON FRANKLIN ALFRED (146058) TRANSFERS 50.00 % TO LASSILA PENTTI (157595)	T9440.00037
OTHER	1995-FEB-20		GEOTECHNICAL WORK PERFORMED: 3600 APPROVED: 1995-MAR-23	Q9540.00047
WORK	1995-FEB-20	3,600	GEOTECHNICAL WORK APPLIED APPROVED: 1995-MAR-23	W9540.00047
OTHER	1995-FEB-20		PHYSICAL WORK PERFORMED: 1684 APPROVED: 1995-MAR-09	Q9540.00048
WORK	1995-FEB-20	674	PHYSICAL WORK APPLIED APPROVED: 1995-MAR-09	W9540.00048
OTHER	1995-DEC-07		GEOTECHNICAL WORK PERFORMED: 2523 APPROVED: 1996-FEB-20	Q9540.00337
WORK	1995-DEC-07	4,646	GEOTECHNICAL WORK APPLIED APPROVED: 1996-FEB-20	W9540.00337
OTHER	1996-NOV-22		PHYSICAL WORK PERFORMED: 1000 APPROVED: 1997-JAN-09	Q9640.00599
WORK	1996-NOV-22	2,000	PHYSICAL WORK APPLIED APPROVED: 1997-JAN-09	W9640.00599

Status of claim is based on information currently on record.

Claim No: TB 1196572
Status: Active

Type	Date	Dollars	Description	
OTHER	1996-NOV-22		GEOTECHNICAL WORK PERFORMED: 1000 APPROVED: 1997-JAN-23	Q9640.00645
WORK	1996-NOV-22	3,480	GEOTECHNICAL WORK APPLIED APPROVED: 1997-JAN-23	W9640.00645

Reservation :

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
09 Part mining rights only

*** End of Abstract ***

Status of claim is based on information currently on record.

Claim No: TB 1209233
Status: Active

Due Date: 1998-JUN-17 E | Recorded: 1994-JUN-17
Work Required: 1610 | Staked: 1994-JUN-06 15:00

Total Work: 1,990 | Description of Claim:
Total Reserve: 0 | DOROTHEA (G-0116)
Present Work Assignment: 1,716 | Claim Units: 3
Claim Bank: 0 | Multiple Township: N

Claim Ownership

Percentage	Client#	Recorded Holder(s)
50.00	157595	LASSILA PENTTI
50.00	146058	HOUGHTON FRANKLIN ALFRED

Type	Date	Dollars	Description	
STAKER	1994-JUN-17		RECORDED BY KINDLA RICHARD KEITH (E13035)	R9440.00261
STAKER	1994-JUN-17		KINDLA RICHARD KEITH (152134) RECORDS 100.00 % IN THE NAME OF HOUGHTON FRANKLIN ALFRED (146058)	R9440.00262
TRAN	1994-SEP-08		HOUGHTON FRANKLIN ALFRED (146058) TRANSFERS 50.00 % TO LASSILA PENTTI (157595)	T9440.00037
OTHER	1995-FEB-20		GEOTECHNICAL WORK PERFORMED: 1190 APPROVED: 1995-MAR-23	Q9540.00047
WORK	1995-FEB-20	1,190	GEOTECHNICAL WORK APPLIED APPROVED: 1995-MAR-23	W9540.00047
WORK	1995-FEB-20	800	PHYSICAL WORK APPLIED APPROVED: 1995-MAR-09	W9540.00048
OTHER	1995-DEC-07		GEOTECHNICAL WORK PERFORMED: 252 APPROVED: 1996-FEB-20	Q9540.00337
OTHER	1996-NOV-22		PHYSICAL WORK PERFORMED: 400 APPROVED: 1997-JAN-09	Q9640.00599
OTHER	1996-NOV-22		GEOTECHNICAL WORK PERFORMED: 1316 APPROVED: 1997-JAN-23	Q9640.00645
ORDER	1997-MAY-22		RECORDER EXTENDS TIME UNTIL AND INCLUDING 1998-JUN-17 FOR WORK AND FILING THEREOF.	D9740.00056

Status of claim is based on information currently on record.

THUNDER BAY
CLAIM ABSTRACT

Claim No: TB 1209233
Status: Active

Type Date Dollars Description

Reservation :

01			400' surface rights reservation around all lakes and rivers
02			Sand and gravel reserved
03			Peat reserved
04			Other reservations under the Mining Act may apply
05			Including land under water
07			Mining rights only

*** End of Abstract ***

Status of claim is based on information currently on record.

Claim No: TB 1209234
 Status: Active

Due Date: 1998-JUN-17 E
 Work Required: 1990

Recorded: 1994-JUN-17
 Staked: 1994-JUN-06 15:00

Total Work: 1,610
 Total Reserve: 0
 Present Work Assignment: 2,000
 Claim Bank: 0

Description of Claim:
 DOROTHEA (G-0116)

Claim Units: 3
 Multiple Township: N

Claim Ownership

Percentage	Client#	Recorded Holder(s)
50.00	157595	LASSILA PENTTI
50.00	146058	HOUGHTON FRANKLIN ALFRED

Type	Date	Dollars	Description	
STAKER	1994-JUN-17		RECORDED BY KINDLA RICHARD KEITH (E13035)	R9440.00261
STAKER	1994-JUN-17		KINDLA RICHARD KEITH (152134) RECORDS 100.00 % IN THE NAME OF HOUGHTON FRANKLIN ALFRED (146058)	R9440.00262
TRAN	1994-SEP-08		HOUGHTON FRANKLIN ALFRED (146058) TRANSFERS 50.00 % TO LASSILA PENTTI (157595)	T9440.00037
OTHER	1995-FEB-20		GEOTECHNICAL WORK PERFORMED: 400 APPROVED: 1995-MAR-23	Q9540.00047
WORK	1995-FEB-20	400	GEOTECHNICAL WORK APPLIED APPROVED: 1995-MAR-23	W9540.00047
OTHER	1995-FEB-20		PHYSICAL WORK PERFORMED: 1000 APPROVED: 1995-MAR-09	Q9540.00048
WORK	1995-FEB-20	1,210	PHYSICAL WORK APPLIED APPROVED: 1995-MAR-09	W9540.00048
OTHER	1995-DEC-07		GEOTECHNICAL WORK PERFORMED: 1514 APPROVED: 1996-FEB-20	Q9540.00337
OTHER	1996-NOV-22		PHYSICAL WORK PERFORMED: 900 APPROVED: 1997-JAN-09	Q9640.00599
OTHER	1996-NOV-22		GEOTECHNICAL WORK PERFORMED: 1100 APPROVED: 1997-JAN-23	Q9640.00645
ORDER	1997-MAY-22		RECORDER EXTENDS TIME UNTIL AND INCLUDING 1998-JUN-17 FOR WORK AND	D9740.00056

Status of claim is based on information currently on record.

Claim No: TB 1209234
Status: Active

Type Date Dollars Description

FILING THEREOF.

Reservation :

01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water
07 Mining rights only

*** End of Abstract ***

Status of claim is based on information currently on record.

1997 EXPENDITURES

Dorothea Gold Property

TOTALS

Linecutting	\$10,171.85
Prospecting	8,911.00
Bulldozer Stripping	6,018.75
VLF EM and Magnetometer Surveys	7,067.76
Self Potential (IP) Surveys	16,343.75
Geological Mapping, Sampling, Bulldozer Stripping Supervision	13,280.50
Assays	281.35
Reports	8,195.00

Total Expenditures for 1997
Poplar Point Exploration Program
on the Dorothea Gold Property

\$70,269.96



Pentti Lassila

February 20, 1998

EXPENDITURES 1997
Detailed Listing
(Includes names, addresses and dates of work)

Linecutting:

1) Frank Houghton Invoice Aug. 15, 1997 \$ 5,335.80
P.O. Box 164,
Beardmore, Ontario
P0T 1G0

Time Period: Several time periods.
June 10 to August 10, 1997
Line km: 17.786

2) Frank Houghton Invoice Sept. 01, 1997 \$ 4,041.05

Time Period:
Aug. 20-31, 1997
Line km: 10.103 km

3) Frank Houghton Invoice Oct. 11, 1997 \$ 795.00

Time Period:
Oct. 04, 05, 1997
Line km: 1.252 km

Total 1997 linecutting costs \$10,171.85
Total line km: 29.141 km

Prospecting:

4) Frank Houghton Invoice July 30, 1997 \$5,895.00
P.O. Box 164
Beardmore, Ontario
P0T 1G0
License No. E29577

Time Period:
June 7, 8, 9, 10, 11, 23, 24, 25, 26, 27: 10 days
July 3, 4, 5, 6, 7, 8, 9, 20, 22, 24, 25,
21, 22, 23, 24, 25, 1997: 17 days
Total: 27 days

5) Frank Houghton Invoice: Nov. 15, 1997 \$ 3,016.00
 and Helper

Philip Houghton
P.O. Box 164,
Beardmore, Ontario
P0T 1G0

Time Period:
 Aug. 28, 29, 20, 1997: 3 days (2 men)
 Sept. 2, 3, 4, 5, 1997: 4 days (2 men)
 Nov. 12, 1997: 1 day (2 men)

Total: 8 days, two men (16 man days)

Total Man-days Prospecting: 43 days
Total Prospecting: 35 days

Total Prospecting costs \$ 8,911.00

Bulldozer Stripping:

6) F & M Contracting Invoice: July 21, 1997 **\$ 6,018.75**
 P.O. Box 123, (includes \$300 float charge)
 Beardmore, Ontario
 P0T 1G0

Time Period:
 July 16, 17, 18, 19, 22, 24, 25, 1997
Total: 71.0 hours
Includes \$15.00/hr Operator Wages
John Koski
Beardmore, Ontario
P0T 1G0

VLF EM and Magnetometer Survey:

7) Dusan Dmitrovic Invoice: Aug. 01, 1997 \$4,715.67
 2592 Hammond Rd.
 Mississauga, Ontario
 K5I 1T2

Time Period:
 July 16 to July 31, 1997
Total: 12 days

8) Dusan Dmitrovic Invoice: Aug. 31, 1997 \$1,365.39

Time Period:

Aug. 1, 7, 8, 31, 1997

Total: 4 days

9) Scintrex Invoice: 10296 \$ 986.70
Snydercroft Road.
Concord, Ontario

Total Costs:

\$7,067.76

Total Line km: 25.15 km

Total Stations Read: 2100

Self Potential (IP) Survey:

10) Geophysical Engineering and Surveys Inc.
Invoice: #11 G12-1 \$14,396.50
P.O. Box 16,
Timmins, Ontario
P4N 7C5

Time Period:

Oct., 03 to Oct. 12, 1997: 10 days

Line km: 8.9

Stations Read: 286

11) P.Lassila Invoice: #19971104 \$ 1,952.25
68 Albery Cres.
Ajax, Ontario
L1S 2Y3
IP Survey Supervision

Time Period:

Oct. 03 to Oct. 12, 1997: 5 days

Total IP costs:

\$16,343.75

Geological Mapping, Sampling, Bulldozer Stripping, Supervision

12) P.Lassila (Author of Report)
(See #11 for address) Invoice #19970818 \$7,967.30

Time Period:

July 12 to July 25, 1997: 15 days

Aug. 01 to Aug. 06, 1997: 6 days

Total: 21 days

13) P.Lassila Invoice #19970803 \$2,626.85

Time Period:

Aug. 15 to Aug. 30, 1997: 7 days

14) P.Lassila Invoice #19971013 \$2,010.25

Time Period:

Between Sept. 01 and Sept. 30, 1997: 5 days

15) P.Lassila Invoice #19971003 \$ 674.10

Time Period:

Sept. 04 and Sept. 05, 1997: 2 days

Distance Mapped: 25.15 Line kms.

Total Geology: 40 days

Total Costs: \$13,280.50

Assays:

16) Swastika Laboratories Invoice 00114 \$ 269.31

P.O. Box 10, (see copy)

Swastika, Ontario

P0K 1T0

17) Swastika Laboratories Invoice 00041505 \$ 12.04
Assay shipping charges

Total Assay Costs: \$281.35

Reports:

P.Lassila (Author of Report)
68 Albery Cres.,
Ajax, Ontario
L1S 2Y3

18) Complete Report for Poplar Point Explorations Inc.

P.Lassila (Author of Report)
November, 1997

Invoice #19971104 \$ 4,985.00

19) Final Report For Assessment Credits

P.Lassila (Author of Report)
Feb. 20, 1998

Invoice #19980220 \$ 3,210.00

February, 1998

Completely revise, re-edit and retype old report, including all Houghton Prospecting data and maps, prepare all the supporting documentation and modify maps to fit Assessment Requirements. Photocopy and assemble six copies of the whole works.

Total Report Costs:

\$8,195.00



P.Lassila

**EXPENDITURE RELATED
INVOICES**

INVOICE DOROTHEA AU. PROJECT.

; 1997

TO: POPLAR POINT EXPLORATIONS

FROM: FRANK HOUGHTON

FOR: LINE CUTTING, CHAINING

AREA: DOROTHEA FWP.

TOTAL KILOMETRES: 17.786

AMOUNT PER KM: \$ 300.00

AMOUNT OWING: $300.00 \times 17.786 = \$5,335.80$

ADVANCE: \$ 3000.00

PLEASE REMIT $5,335.80 - 3000.00 = \underline{\underline{\$2,335.80}}$

FRANK HOUGHTON PH. 807 875-2604 Thank You
Box 164 FAX: 807 875-2604 Frank Houghton
BEARDMORE, ONT.
P6T 160

①

INVOICE NODOTHEA PROJECT

SEPT. 01. 1997

TO: POPLAR POINT EXPLORATIONS

FROM: FRANK HOUGHTON

FOR: LINE CUTTING

DATES: AUG. 10 - 31st 1997

KILOMETRES: 10.103

COST: 400.00 PER KM.

AMOUNT OWING: $10.103 \times 400.00 = \$4041.05$

FRANK HOUGHTON

BOX 164

BEAVERDENE, ONT.

POT 160

PH. 1-807-875-2604

FAX 1-807-875-2604

FRANK HOUGHTON

Frank Houghton

(2)

INVOICE

OCT 11 / 97
DOROTHEA PROJECT

TO:

FROM: FRANK HOUGHTON

FOR: LINECUTTING, PROSPECTING.

WAGES: \$175.00 PER DAY

MEN: 2 MEN X 2 DAYS X \$175.00 = \$700.00

TRUCK: 2 DAYS @ \$30.00 PER DAY X = 60.00

MILEAGE: 175.64 X .30 = \$35.00

35.00

TOTAL 795.00

PLEASE REMIT: \$795.00

FRANK HOUGHTON

Box 164

BEARDMORE, ONT.

POT. 160

THANK YOU

Frank Houghton

INVOICE DOROTHEA AU PROJECT

July 30, 1997

TO: POPLAR POINT EXPLORATIONS

FROM: FRANK HOUGHTON

FOR: SUPERVISION, PROSPECTING, MECHANICAL STRIPPING, HAND MUCKING & SAMPLING.

AREA: DOROTHEA TWP.

WAGES: 175.00 PER DAY

TRUCK: ~~20.00~~ 20.00 PER DAY + 35 CENTS PER KM.

DATES: JUNE 7, 8, 9, 10, 11,

23, 24, 25, 26, 27.

JULY 3rd, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15, 16, 21, 22, 23, 24, 25.

(27 DAYS) @ 175.00 = \$4,725.00

TRUCK & ATV: 27 DAYS @ \$20.00 = \$540.00

2100 KM X 0.30 = 630.00

TOTAL AMOUNT: \$5,895.00

FRANK HOUGHTON PH. (807) 875-2604

BOX 164

FAX 807 875-2604

BEAUMONT, ONT.

P.O. BOX 164

Thank You

Frank Houghton

(F)

INVOICE DOROTHY TWP PROJECT NOV. 15
TO: POPLAR POINT EXPL. NOV. 15, 1997

FROM: FRANK HOUGHTON

FOR: MINERAL EXPL. SAMPLING

DATES: AUGUST 28th, 29th, 30th
SEPTEMBER 2nd, 3rd, 4th, 5th
NOVEMBER 12th (8 DAYS)

WAGES: PROSPECTOR 175.00 x 8 = \$ 1400.00

HELPER 150.00 x 8 = 1200.00

TRUCK @ 25.00 per Day x 8 = 200.00

TRAVEL: 720 km x .30 km =

216.00

TOTAL \$ 3016.00

PLEASE REMIT: \$ 3016.00

Box 164

BEARSHORE ONT.

POT 160

THANK YOU

Frank Houghton

F+M Contracting
 P.O. Box 123
 Beardmore Ont P0T1G0
 ph. 875-2329 (807)

TAX REG. NO: _____
 ORDER NO. _____ DATE 26 Jul 1997
 SOLD TO Poplar Piont Resources
 ADDRESS _____
 SHIP TO Mechanical Stripping Northca Thy
 ADDRESS DG Caterpillar Rental.

SHIPPING DATE	VIA	TERMS	BUYER	SALES REP.
Jul 16	9.0			
17	9.0			
18	10.0			
19	11.0			
22	8.0			
23	8.5			
24	9.0			
25	6.5			
21.0 hrs @ \$75/hr			5325	00 24
float charges to & from worksite 4 hrs @ \$75/hr			300	00
GST R 122485311			393	75
Total			\$6018	75 24

10295

SIGNATURE

BLUBLINE D 21

(6)

DOC

Dusan Dmitrovic

2592 Hammond Rd., Mississauga, Ontario
K5K 1T2 Telephone 905 828 - 3195

To: POPLAR POINT EXPLORATION INC
Suite 808, 347 Bay St., Toronto, Ont.

Date 1. Aug. 1997

Re: Dorothea Gold Project, Beardmore, Ontario

July 16 - 31	
13 working days @ \$200	2,600.00
own caruse: 2,500Km @ 0.35	875.00
	<hr/>
	3,475.00
7% GST	243.25
expenses	997.42
	<hr/>
Total	4,715.67
advance	2,500.00
balance	2,215.67

Please pay to my T.D. Bank account
Thank You

GST-Bus. No 110745692 RT

Respectfully submitted

Dusan Dmitrovic



⑦

DOC

Dusan Dmitrovic

2592 Hammond Rd., Mississauga, Ontario
K5K 1T2 Telephone 905 823 - 3195

To: POPLAR POINT EXPLORATION INC.
Suite 808, 347 Bay St., Toronto, Ont.

Date 31 Aug. 1997

Re: Dorothea Gold Project, Beardmore, Ontario

Aug. 01 and 7-9 and 31, 97	
5 working days @ \$200	1,000.00
own car use: 500Km @ 0.35	175.00
	<hr/>
	1,175.00
7% GST	82.25
expenses	108.14
	<hr/>
Total	1,365.39

Thank You

GST-Bus. No 110745692 RT

Respectfully submitted

Dusan Dmitrovic



⑤

CINTREX LTD.

Midcroft Road
 rd, Ontario, Canada
 35

Telephone: (905) 669-2280
 Telex: 06-964570
 Fax: (905) 669-5132

INV. No. ~~XXXXXXXX~~
~~10000238~~
 10296

S/O: 508552

G.S.T. # R 104749817

TO 10000238

SHIP TO

POPLAR POINT EXPLORATION INC.
 SUITE 601
 347 BAY STREET
 TORONTO
 M5H-2R7

CUSTOMER PICKUP

ORDER NUMBER		TERMS PAYMENT RECEIVED			SALESMAN	
D VIA		PREPAID <input type="checkbox"/>		COLLECT <input checked="" type="checkbox"/>		P.S.T.
						DATE SHIPPED 9/02/97
DESCRIPTION	PRODUCT CODE	QUANTITY			UNIT PRICE	TOTAL
		ORDERED	SHIPPED	BACK ORDERED		
OMNI BATTERY PACK	R79301	1	1	0	22.25	22.25
LEAD ACID BATTERY	400067	8	8	0	22.25	178.00
DRAW LATCH	240260	2	2	0	10.00	20.00
OMNI STD RECHARGABLE BATT.	793028	1	1	0	575.00	575.00
LABOUR GEOPHYSICAL	RATE 1	1	1	0	85.00	85.00
						858.00
GST RECEIVABLES						60.06
PROVINCIAL SALES TAX						68.64
Invoice Total in CAS						986.70

Certified Correct:



Henry Lee
 SCINTREX Limited

PAID

Cheque # 0013T
 Dated Sept. 02/97
 Amount \$986.70

ICE CHARGE OF 1% WILL BE APPLIED TO ALL OVERDUE ACCOUNTS.

9

GEOPHYSICAL ENGINEERING & SURVEYS INC.

MAIN OFFICE
160 Bryan Road
North Bay, Ontario
P1C 1C2

TIMMINS BRANCH
170 Second Avenue
Timmins, Ontario
P4N 1G1
PHONE: (705) 268-4866
FAX: (705) 360-7733

MAILING ADDRESS
P. O. Box 15
Timmins, Ontario
P4N 7C5

GST #875761264 RT

October 27, 1997
JOB #G12
INV. #11.G12-1

In Account With: **POPLAR POINT EXPLORATION**
347 BAY STREET, SUITE 621
TORONTO, ONTARIO
M5H 2R7

Invoice RE: DOROTHEA TOWNSHIP PROPERTY - I.P. SURVEY

At a Rate of:

X Oct. 03	meet with P. Lasslia, begin I.P.	\$ 1,450.00
Oct. 04	1 survey day @ \$1,450.00/day.....	\$ 1,450.00
Oct. 05	1 rain day @ \$950.00/day.....	\$ 950.00
Oct. 6/7	2 survey days @ \$1,450.00/day.....	\$ 2,900.00
Oct. 8/9	2 part survey days (Rain) @\$950.00/day.....	\$ 1,900.00
Oct. 10	1 survey day @ \$1,450.00/day.....	\$ 1,450.00
Oct. 11	1 part survey day (Rain) @\$950.00/day.....	\$ 950.00
Oct. 12	1 survey day @ \$1,450.00/day.....	\$ 1,450.00
	De-mobe 1 day @ \$ 950.00/day.....	\$ 950.00
	(mobe charge to Crooked Green Project)	

<i>Cheque # 0019</i>	Sub-total	\$13,450.00
<i>Dated November 28, 1997</i>	GST	<u>941.50</u>
<i>Amount \$10,000-</i>	TOTAL AMOUNT DUE ON RECEIPT	<u>\$14,391.50</u>

BALANCE OWING \$4,391.50 *PAID - \$10,000.00*
4,391.50

NOTATION: Production rate was abnormally slow due to poor condition of grids, short lines and weather.

NOTE: ALL PAYMENTS TO BE MAILED TO HEAD OFFICE: NORTH BAY.

(10)

Swastika Laboratories
P.O. Box 10
Swastika, Ontario
P0K 1T0

INVOICE

NO: 00041
DATE: 08/19
PAGE: 1

SOLD TO:
POPLAR POINT RESOURCES
400 4TH FLOOR
TEMPERANCE STREET WEST
TORONTO ONTARIO
M5H 3V5,

SHIP TO:

Same

Invoice Number: R132562610

Proj #/P.O. # Dorothea

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT	
	24		Au			8.00	192.0	
	24		Sample Prep			3.50	84.0	
			Cert #7W-3203-RA1					
			GST @ 7%				19.3	
PAID								
Cheque # 0020								
Dated Nov. 28/97								
Amount \$295.30								
COMMENTS: Net 30 Days							TOTAL	295.3

9238		0.04	-	-	41	-	-
9239		0.17	-	-	170	-	-
9240		0.01	-	-	7	-	-
9241		0.05	-	-	55	-	-

One assay ton portion used.

Certified by K. Morrison

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3244 Fax (705)642-3300

(16)

Swastika Laboratories
P.O. Box 10
Swastika, Ontario
P0K 1T0

INVOICE

NO: 00041507

DATE: 08/26/9

PAGE: 1

SOLD TO:

POPLAR POINT RESOURCES
400 4TH FLOOR
TEMPERANCE STREET WEST
TORONTO ONTARIO
M5H 3V5

SHIP TO:

Same

GST Number: R132862640

Proj #/P.O. # N/A

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
	1		Transportation Charges for W/B# 310896100 GST @ 7%			11.25	11.25 0.79
COMMENTS Net 30 Days						TOTAL	12.04

(17)



52H09NE2002 2.18252 SANDRA

900

ity of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Act to review the assessment work and correspond with the mining land holder. Mining Recorder, Ministry of Northern Development and Mines, 6th Floor,

S 02.18252

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
 - Please type or print in ink.

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

Name <i>Pentti Lassila</i>	Client Number <i>157595</i>
Address <i>68 Albery Cres, Ajax Ont, L1S 2Y3</i>	Telephone Number <i>(905) 683-4429</i>
	Fax Number <i>(905) 683-4429</i>
Name	Client Number
Address	Telephone Number
	Fax Number

PROVINCIAL OFFICE RECEIVED
 MAR 03 1998
 A.M. 10:05 AM
 718 | 911011111111212111119

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

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

Work Type <i>Linecutting, Prospecting, Geological, VLF and Magnetometer surveys, Self Potential (IP) surveys, Assays, Reports</i>	Office Use
Dates Work Performed From <i>07 June 1997</i> To <i>20 Feb. 1998</i>	Commodity
Global Positioning System Data (if available)	Total \$ Value of Work Claimed <i>64,251.⁰⁰</i>
Township/Area <i>Dorothea</i>	NTS Reference
M or G-Plan Number <i>G-116</i>	Mining Division <i>Thunder Bay</i>
	Resident Geologist District <i>Thunder Bay</i>

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

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

Name <i>Pentti Lassila</i>	Telephone Number <i>(905) 683-4429</i>
Address <i>68 Albery Cres, Ajax, Ont, L1S 2Y3</i>	Fax Number <i>(905) 683-4429</i>
Name <i>L1S 2Y3</i>	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECORDED
 MAR - 3 1998

RECEIVED
 MAR - 3 1998
 GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

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

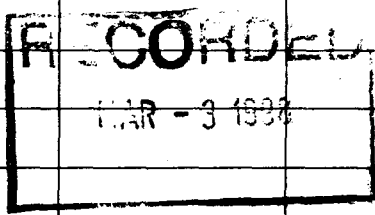
Signature of Recorded Holder or Agent <i>P Lassila</i>	Date <i>Feb 25 1998</i>
Agent's Address <i>68 Alberry Cres, Ajax, Ont, L1S 2Y3</i>	Telephone Number <i>(905) 683-4429</i>
	Fax Number <i>(905) 683-4429</i>

June 01/98

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

W. 9840.00237

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg TB 7827	16 ha	\$2,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 1196572	12	28913	2100		26,513 7913
2 1209234	3	32125	6,010	2,797	23318
3 1209233	3	3213	6,010		
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15	18				
Column Totals		64251	36020	2797	28231



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

Signature of Recorded Holder or Agent Authorized in Writing: Pentti Lassila Date: Feb. 25, 1998

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

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

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

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

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		

2,18252

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

18 units

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit	Total Cost
Linecutting	29,141 line Km	565	10172
Prospecting	43 man days	467	8411
Geological	25 line Km	654	11780
VLF & Magnetometer surveys	21.15 line Km	392	7068
Self Potential (IP) surveys	8.9 line Km	908	16341
Assays		156	281
Reports		755	8195
Associated Costs (e.g. supplies, mobilization and demobilization).			
			62251
Transportation Costs <i>Track trans.</i>			500
Food and Lodging Costs			1500
Total Value of Assessment Work			64251

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Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK × 0.50 = Total \$ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Pentti Lassila (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Agent Consulting Geologist I am authorized (recorded holder, agent, or state company position with signing authority) to make this certification.

Signature: P Lassila Date: Feb. 25, 1998

Personal information collected on this form is obtained under the authority of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.18252

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

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

Name <i>Pentti Lassila</i>	Client Number <i>157595</i>
Address <i>68 Albery Cres, Ajax, Ont L1S 2Y3</i>	Telephone Number <i>(905) 683-4429</i>
	Fax Number <i>(905) 685-4429</i>
Name	Client Number
Address	Telephone Number
	Fax Number

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

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

Work Type <i>Bulldozer stripping</i>	Office Use
	Commodity
	Total \$ Value of Work Claimed <i>6019</i>
Dates Work Performed From <i>16 July 1997</i> To <i>25 July 1997</i>	NTS Reference
Global Positioning System Data (if available)	Mining Division <i>Thunder Bay</i>
Township/Area <i>Dorothea</i>	Resident Geologist District <i>Thunder Bay</i>
M or G-Plan Number <i>G-116</i>	

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

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

Name <i>Pentti Lassila</i>	Telephone Number <i>(905) 683-4429</i>
Address <i>68 Albery Cres Ajax Ont L1S 2Y3</i>	Fax Number <i>(905) 683-4429</i>
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

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GEOSCIENCE ASSESSMENT OFFICE

RECORDED

MAR - 3 1998

4. Certification by Recorded Holder or Agent

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

Signature of Recorded Holder or Agent <i>P Lassila</i>	Date <i>Feb. 25, 1998</i>
Agent's Address <i>68 Albery Cres, Ajax, Ont L1S 2Y3</i>	Telephone Number <i>(905) 683-4429</i>
	Fax Number <i>(905) 683-4429</i>

June 01/98

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

W. 9840.00.238

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining units, in hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.	
eg. TB 4827	16 ha	\$26,825	N/A	\$24,000	\$2,825	
eg. 1234567	12	0	\$24,000	0	0	
eg. 1234568	2	\$8,892	\$4,000	0	\$4,892	
1	1196572	12	3611	0	0	3611
2	1209234	3	2408	0	0	2408
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15		15				
Column Totals		6019			6019	

RECORDED
MAR - 9 1998

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

Signature of Recorded Holder or Agent Authorized in Writing: P. Lassila Date: Feb. 25, 1998

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

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

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

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

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		

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

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

July 7, 1998

PENTTI LASSILA
68 ALBERY CRESCENT
AJAX, Ontario
L1S-2Y3

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

Dear Sir or Madam:

Submission Number: 2.18252

Status

Subject: Transaction Number(s): W9840.00237 Approval After Notice

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

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

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

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jeromel2@epo.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,



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

Work Report Assessment Results

Submission Number: 2.18252

Date Correspondence Sent: July 07, 1998

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9840.00237	1196572	DOROTHEA	Approval After Notice	July 07, 1998

Section:

14 Geophysical IP
14 Geophysical VLF
14 Geophysical MAG
9 Prospecting PROSP
12 Geological GEOL

The 45 days outlined in the Notice dated May 22, 1998 have passed.

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

Correspondence to:

Resident Geologist
Thunder Bay, ON

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

PENTTI LASSILA
AJAX, Ontario

Assessment Files Library
Sudbury, ON

Distribution of Assessment Work Credit

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

Date: July 07, 1998

Submission Number: 2.18252

Transaction Number: W9840.00237

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1196572	26,647.00
1209234	29,550.00
1209233	2,960.00
	<hr/>
Total: \$	59,157.00

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines



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

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

May 21, 1998

PENTTI LASSILA
68 ALBERY CRESCENT
AJAX, Ontario
L1S-2Y3

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

Dear Sir or Madam:

Submission Number: 2.18252

Status

Subject: Transaction Number(s): W9840.00238 Approval

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

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

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

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jeromel2@epo.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Blair Kite".

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

Work Report Assessment Results

Submission Number: 2.18252

Date Correspondence Sent: May 21, 1998

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9840.00238	1196572	DOROTHEA	Approval	May 21, 1998

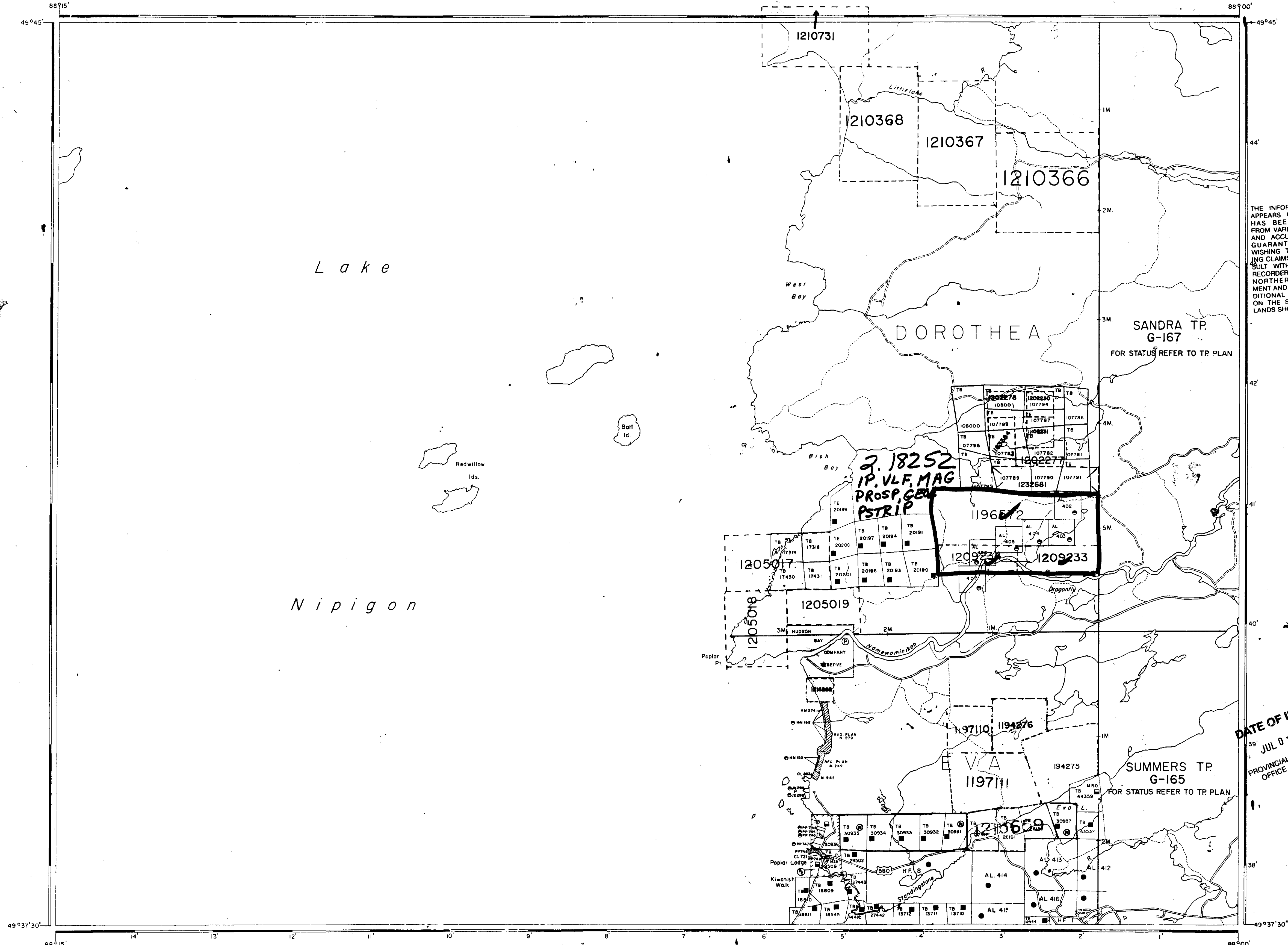
Section:
10 Physical PSTRIIP

Correspondence to:
Resident Geologist
Thunder Bay, ON

Recorded Holder(s) and/or Agent(s):
PENTTI LASSILA
AJAX, Ontario

Assessment Files Library
Sudbury, ON

MUNGO PARK POINT G-92



NOTES
 Reserve flooding rights on Lake Nipigon to contour elevation 855' to Ont. Hydro. O.C. dated 25th April 1930. File 12198
 Also reserve 66' from 855' contour to Ont. Hydro.

AREAS WITHDRAWN FROM DISPOSITION
 S.R. - SURFACE RIGHTS M.R. - MINING RIGHTS

The following are designated "Summer Resort Locations" and are not open for staking under Sec. 31 (c):
 M242, M243, M279
 JK298, JK279
 PP744, PP745, PP746, PP747, PP748, PP749.

Sec. 36 W/D Order #W.74/70 S.R.O.
 Claim #s 29509 & 30936 See Poplar Point Landlot

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPIL'D 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 HEREO.

LEGEND

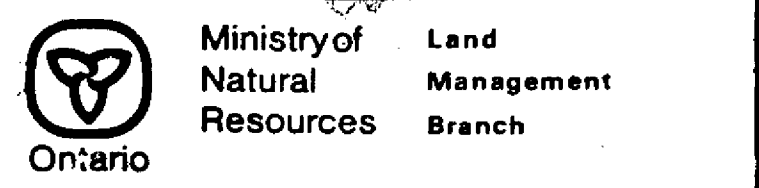
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES: TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES: LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKIEG
- MINES
- TRAVERSE MONUMENT
- LAND USE PERMITS FOR COMMERCIAL TOURISM/OUTPOST CAMP

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
SURFACE RIGHTS ONLY	○
MINING RIGHTS ONLY	◐
LEASE, SURFACE & MINING RIGHTS	◑
SURFACE RIGHTS ONLY	◒
MINING RIGHTS ONLY	◓
LICENCE OF OCCUPATION	◔
ORDER-IN-COUNCIL	OC
RESERVATION	⊙
CANCELLED	⊘
SAND & GRAVEL	⊚

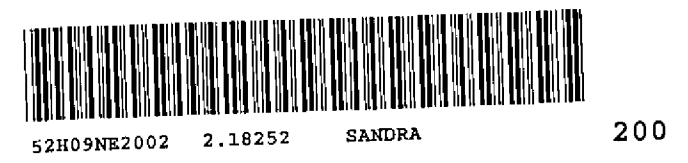
NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 390, SEC. 63, SUBSEC. 1.

AREA
POPLAR POINT
 M.N.R. ADMINISTRATIVE DISTRICT
NIPIGON
 MINING DIVISION
THUNDER BAY
 LAND TITLES / REGISTRY DIVISION
THUNDER BAY

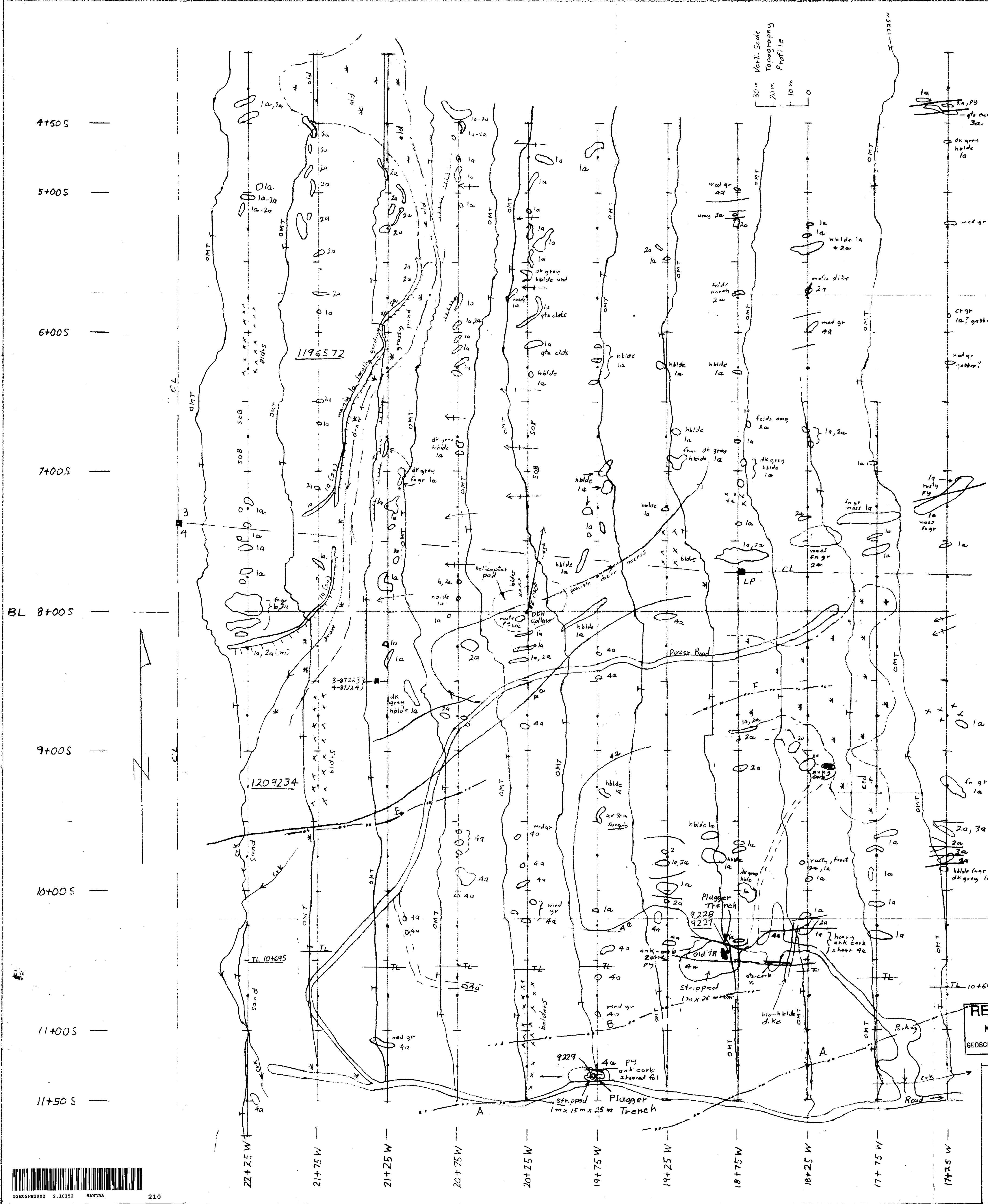


Date: FEBRUARY 1981
 No. Service: April 3, 1990
 Number: **G-116**

DATE OF ISSUE
 JUL 07 1998
 PROVINCIAL RECORDING
 OFFICE - SUDBURY

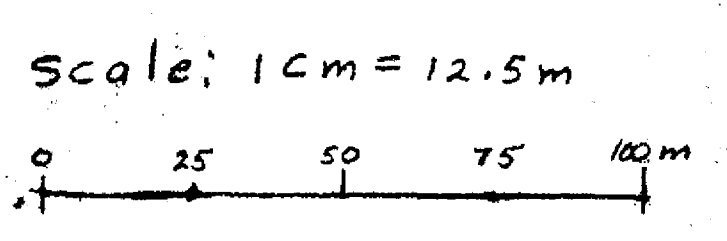


MARYJANE LAKE G-80



LEGEND

- 4a quartz diorite
- 3a rhyolite
- b rhyolite breccia
- 2a dacite
- b amgduoidal
- c breccia
- 1a andesite
- b amgduoidal
- c breccia
- carb carbonatized
- amg amgduoidal
- ser sericitic
- chl chloritic
- calc calcic
- ank ankerite
- hbldc hornblende
- mass massive
- f foliated
- sch schistose
- fr fractured
- OMT overmature timber
- Spt spruce
- Bal balsam
- Pop poplar
- Jp jackpine
- Ced cedar
- ald alders
- swamp
- topographic profile
- cliff or bluff
- old trench
- bulldozer route
- kabd
- steep slope
- so B shallow overburden
- foliation, vertical, dipping
- py pyrite
- qv quartz vein
- diamond drill hole
- 3689 assay sample
- claim post
- geological contact
- (m) thick moosemaple brush
- VLF EM conductor



Claims 1196572 + 1209234

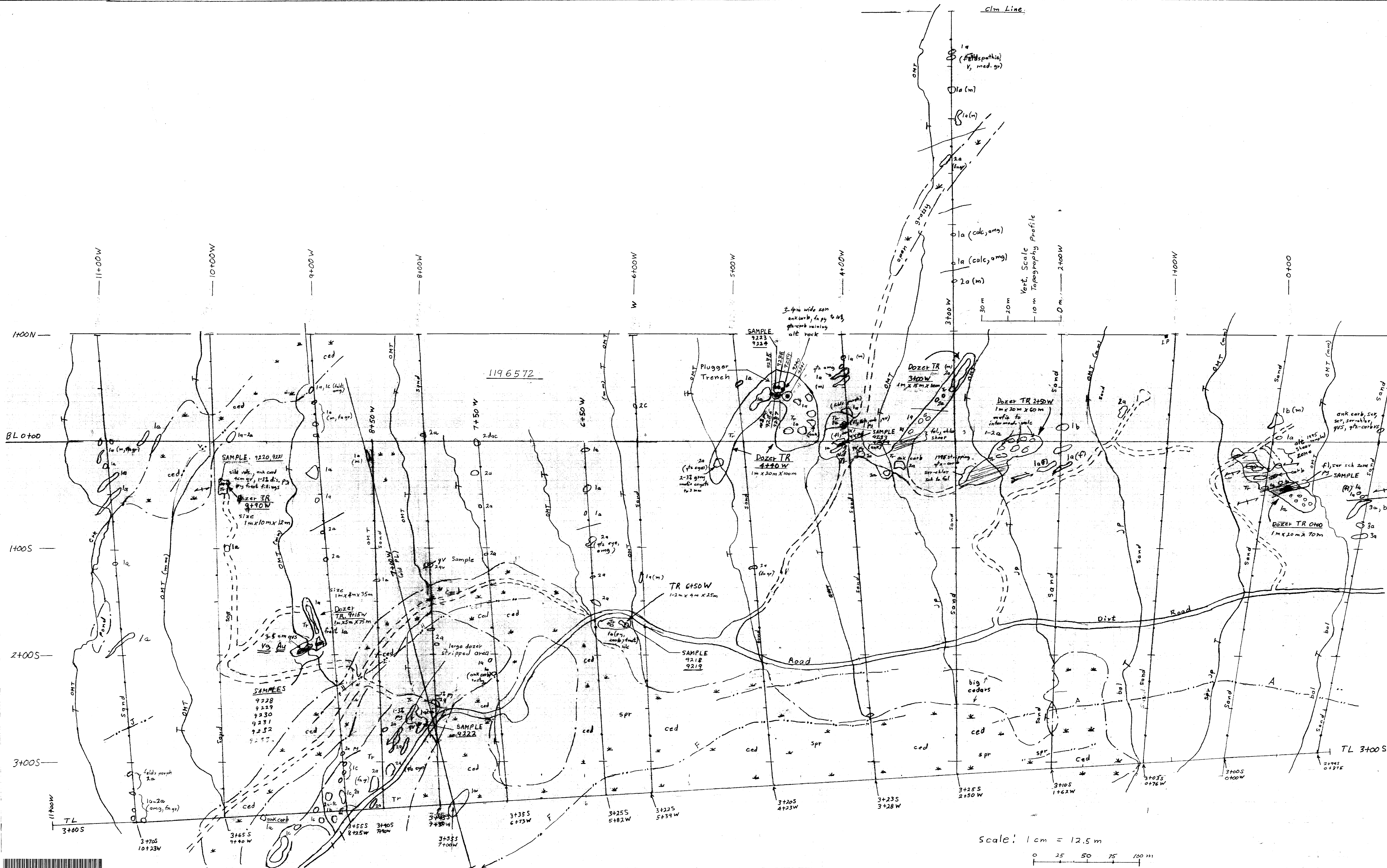
P. Lassila

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2.18252
(FIELD MAP)

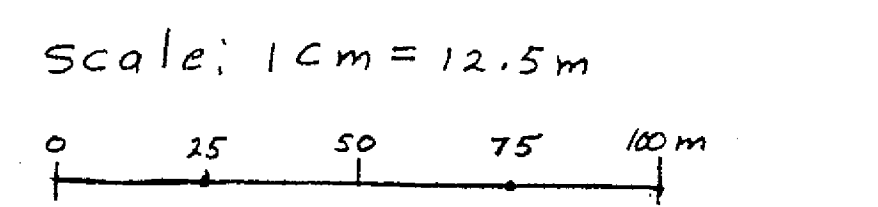
GEOLOGY
WEST GRID
POPLAR POINT EXPLORATIONS
INC.
DOROTHEA PROPERTY
Dorothea Twp. Ont.
Sept. 1997 By P. Lassila

MAP 1



LEGEND

4a	quartz diorite
3a	rhyolite
b	rhyolite breccia
2a	dacite
b	amgduoidal
c	breccia
1a	andesite
b	amgduoidal
c	breccia
carb	carbonatized
amg	amgduoidal
ser	sericitic
chl	chloritic
calc	calcitic
ank	ankerite
hbld	hornblende
mass	massive
f	foliated
sch	Schistose
fr	fractured
OMT	overmature timber
Spr	spruce
Bal	balsam
Pop	poplar
Jp	jackpine
Ced	cedar
ald	alders
(swamp)	swamp
(topographic profile)	topographic profile
(cliff or bluff)	cliff or bluff
(old trench)	old trench
(bulldozer route)	bulldozer route
(road)	road
(steep slope)	steep slope
SOB	shallow overburden
(foliation, vertical, dipping)	foliation, vertical, dipping
py	pyrite
qv	quartz vein
(diamond drill hole)	diamond drill hole
(assay sample)	assay sample
(claim post)	claim post
(geological contact)	geological contact
(m m)	thick mossmaple brush
A	VLF EM Conductor



Claims 1196572 + 1209234

P Lassila

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DEPT

GEOLOGY
EAST GRID
POPLAR POINT EXPLORATIONS
'N.C.
DOROTHEA PROPERTY
Dorothea Twp. Ont.
Sept. 1997 By P Lassila

MAP 2



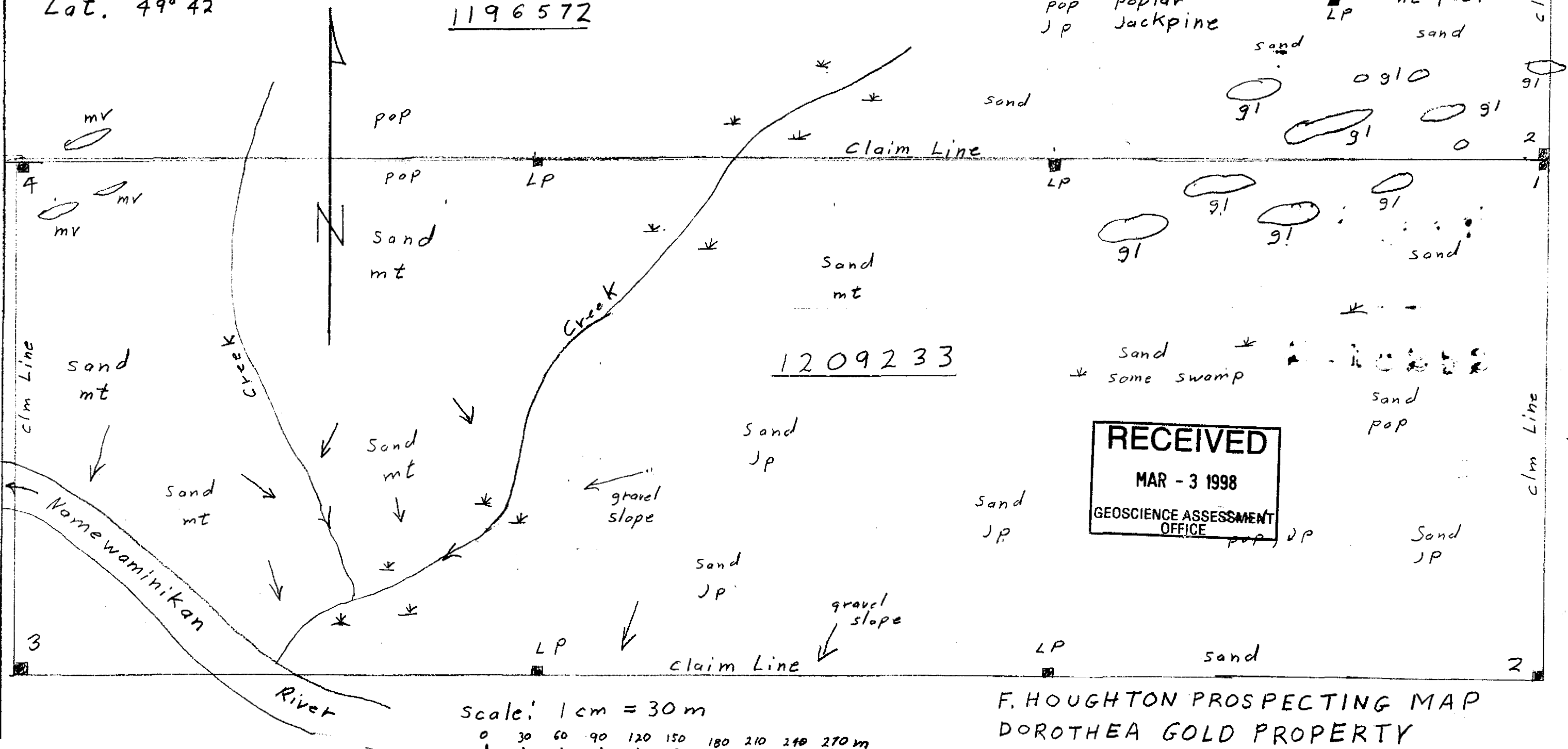
Traversed variably working west to east
 mainly on claim 1209233
 June 7, 8, 9, 10 and 11, 1997

Long: 88° 03'
 Lat: 49° 42'

Frank Houghton
 F. Houghton
 Lic. # E29577
 June 15, 1997

LEGEND

- gl conglomerate
- mv mafic volcanic
- mt mixed timber
- pop poplar
- JP Jackpine
- swamp
- steep slope
- claim post
- line post
- LP
- sand



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 OFFICE

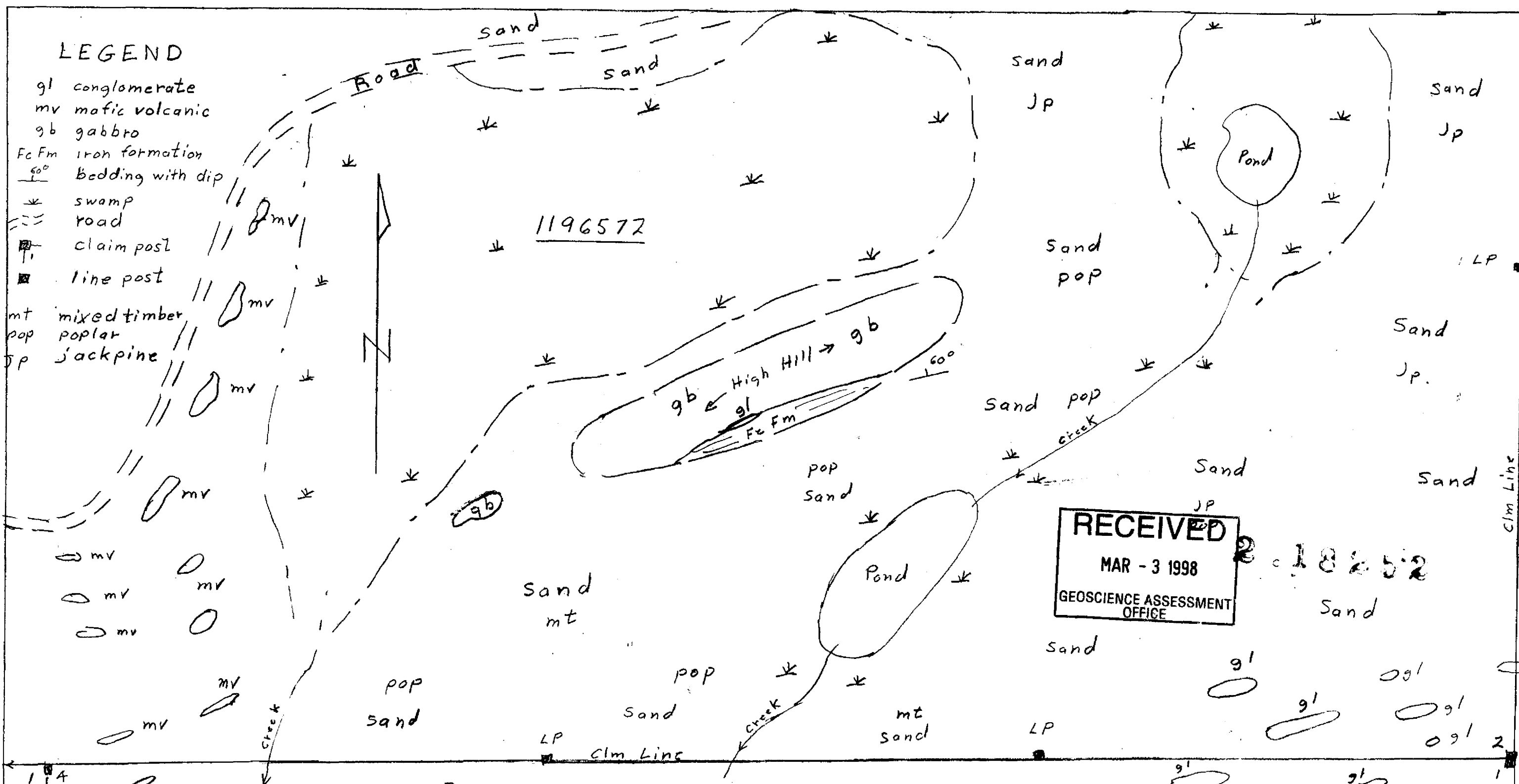
F. HOUGHTON PROSPECTING MAP
 DOROTHEA GOLD PROPERTY
 POPLAR POINT EXPLORATIONS INC.
 June 1997 (Dorothea Twp.)

MAP A

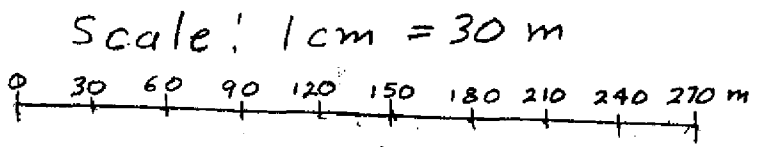


LEGEND

- gl conglomerate
- mv mafic volcanic
- gb gabbro
- Fc Fm iron formation
- 60° bedding with dip
- swamp
- road
- claim post
- line post
- mt mixed timber
- pop poplar
- jp jackpine



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 GEOSCIENCE ASSESSMENT
 OFFICE



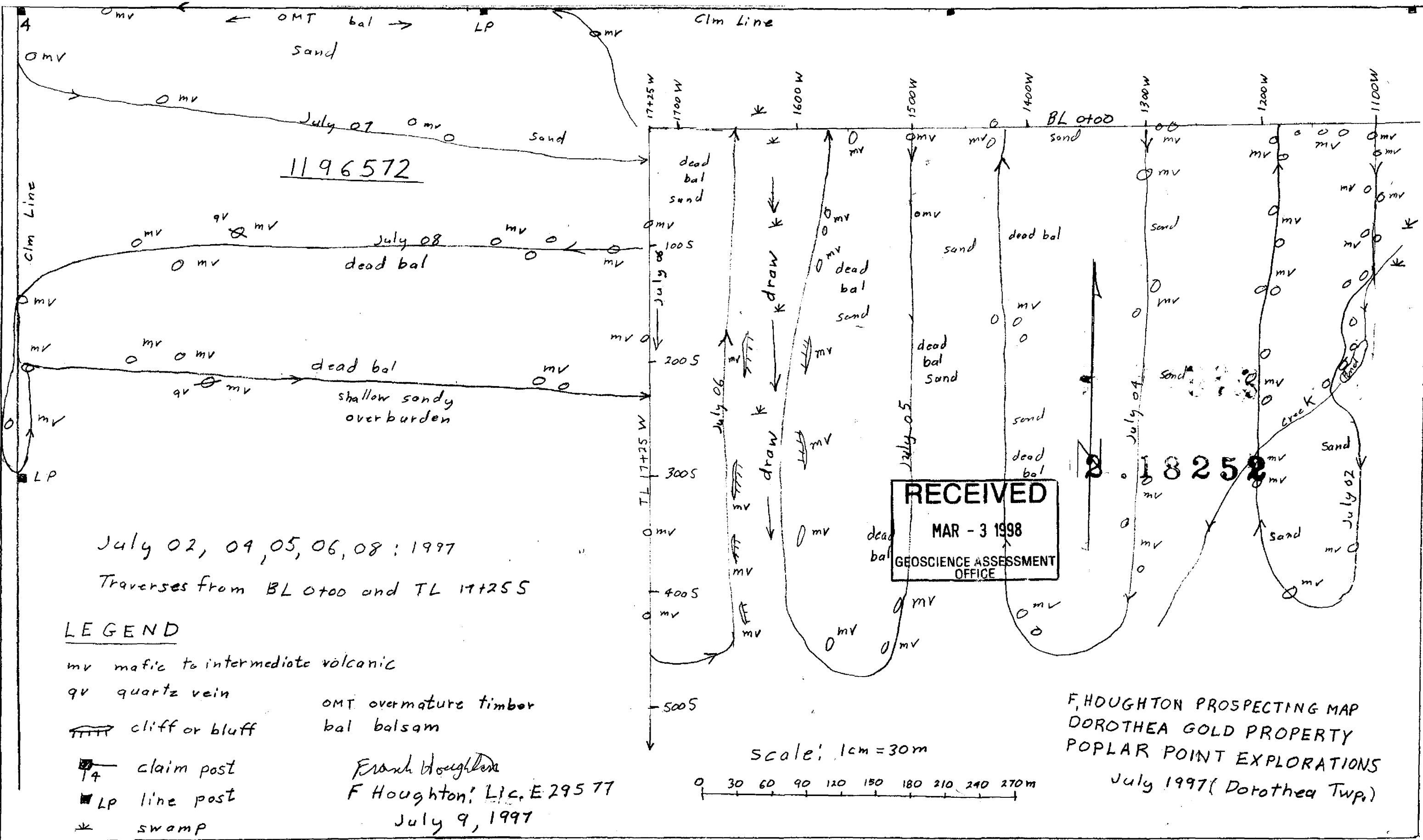
Traversed south between road and swamp June 23/97
 Traversed east of creek June 24, 25/97
 Traversed central part (high hill) June 26, 27/97

Frank Houghton
 F. Houghton; Lic. E 29577
 June 30, 1997

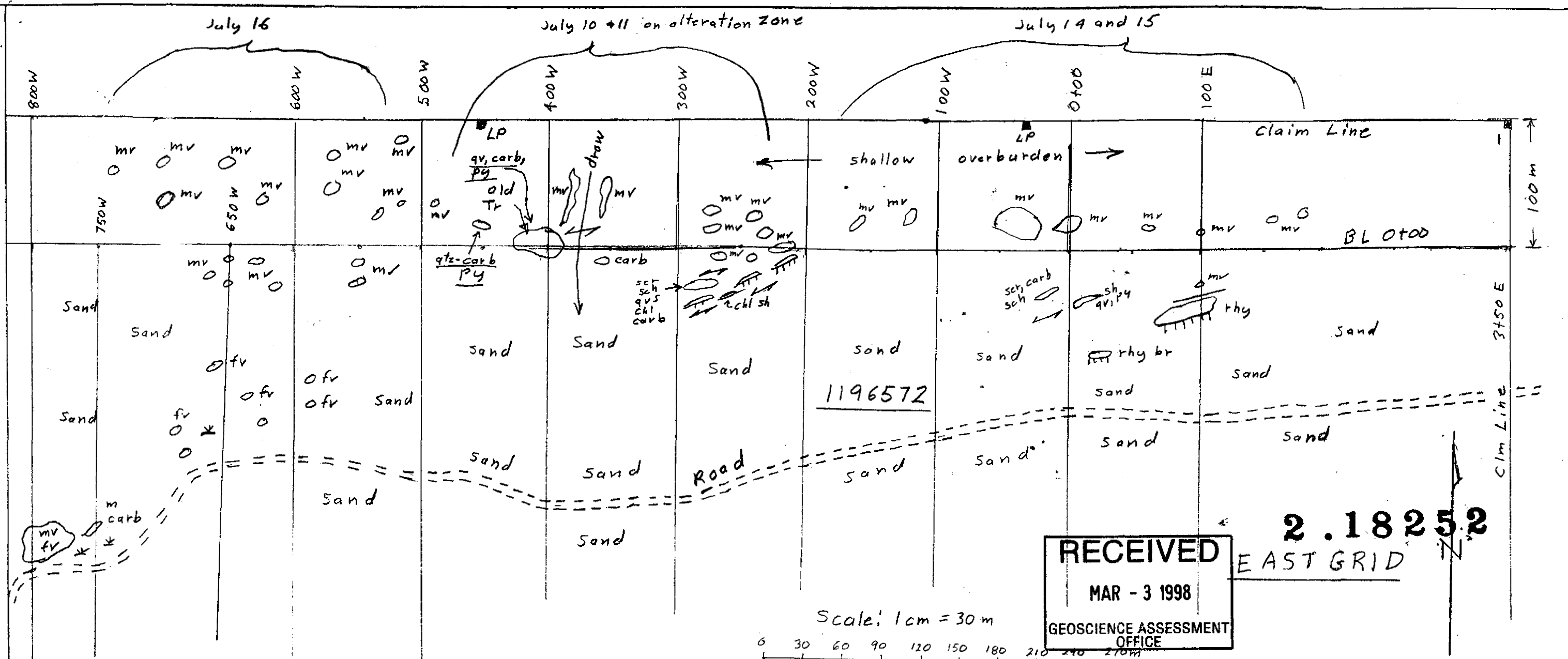
F. HOUGHTON PROSPECTING MAP
 DOROTHEA GOLD PROPERTY
 POPLAR POINT EXPLORATIONS INC.
 June 1997 (Dorothea Twp.)

MAP B





MAP C



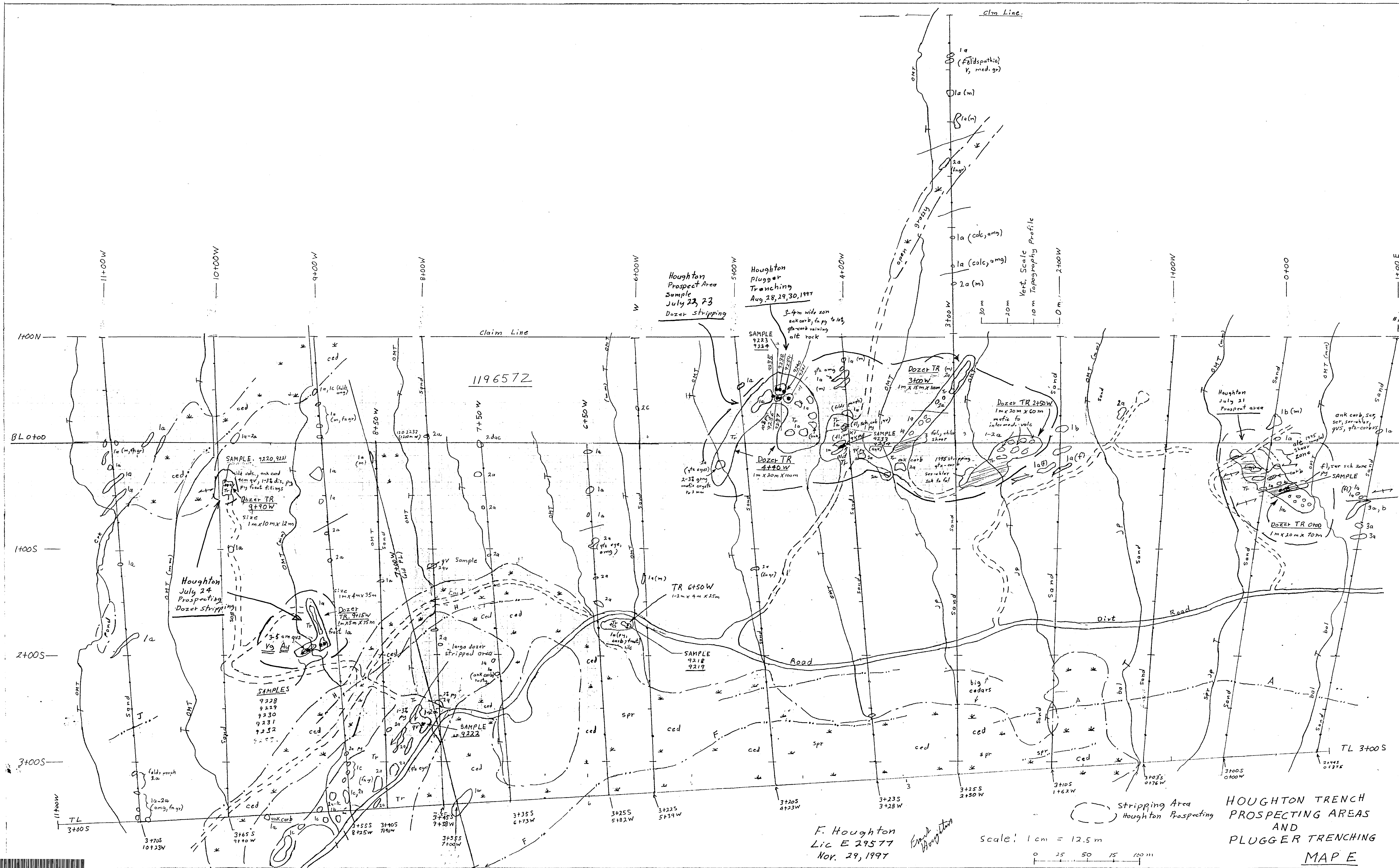
LEGEND

- | | | | |
|-----|---------------------------------|------|---------------------------|
| mv | mafic to intermed volcanic | qv | quartz vein |
| fv | intermediate to felsic volcanic | carb | carbonatization Conkerite |
| rhy | rhyolite | py | pyrite |
| br | breccia | ← | foliation |
| sh | shear | ▬▬▬ | cliff or bluff |
| chl | chloritic | == | road |
| ser | sericitic | ■ | claim post |
| sch | schist | ■ | LP line post |

Frank Houghton
 F. HOUGHTON
 Lic. E29577
 July 18, 1997

F. HOUGHTON PROSPECTING MAP
 DOROTHEA GOLD PROPERTY
 POPLAR POINT EXPLORATIONS
 July 1997 (Dorothea Twp.)





- LEGEND**
- 4a quartz diorite
 - 3a rhyolite
 - b rhyolite breccia
 - 2a dacite
 - b amgduloidal breccia
 - c breccia
 - 1a andesite
 - b amgduloidal breccia
 - c breccia
 - carb carbonized amgduloidal
 - amg amgduloidal
 - ser sericitic
 - chl chloritic
 - calc calcitic
 - ank ankerite
 - hblde hornblende
 - mass massive
 - f foliated
 - sch schistose
 - fr fractured
 - OMT over mature timber
 - Spr spruce
 - Bal balsam
 - Pop poplar
 - Jp jackpine
 - Ced cedar
 - ald alders
 - swamp
 - topographic profile
 - cliff or bluff
 - old trench
 - bulldozer route
 - road
 - steep slope
 - SOB shallow overburden
 - foliation, vertical, dipping
 - py pyrite
 - qv quartz vein
 - diamond drill hole
 - 7689 assay sample
 - claim post
 - geological contact
 - thick moose maple brush
 - VLF EM Conductor

Scale: 1 cm = 12.5 m

0 25 50 75 100 m

Claims 1196572 + 1209234

P. Lassila

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MAR - 3 1998

GEOSCIENCE ASSESSMENT OFFICE

2.18252

(FIELD MAP)

GEOLOGY

EAST GRID

POPLAR POINT EXPLORATIONS INC.

DOROTHEA PROPERTY

Dorothea Twp. Ont.

Sept. 1997 By P. Lassila

MAP 2

F. Houghton

Lic E 29577

Nov. 29, 1997

Scale: 1 cm = 12.5 m

0 25 50 75 100 m

HOUGHTON TRENCH

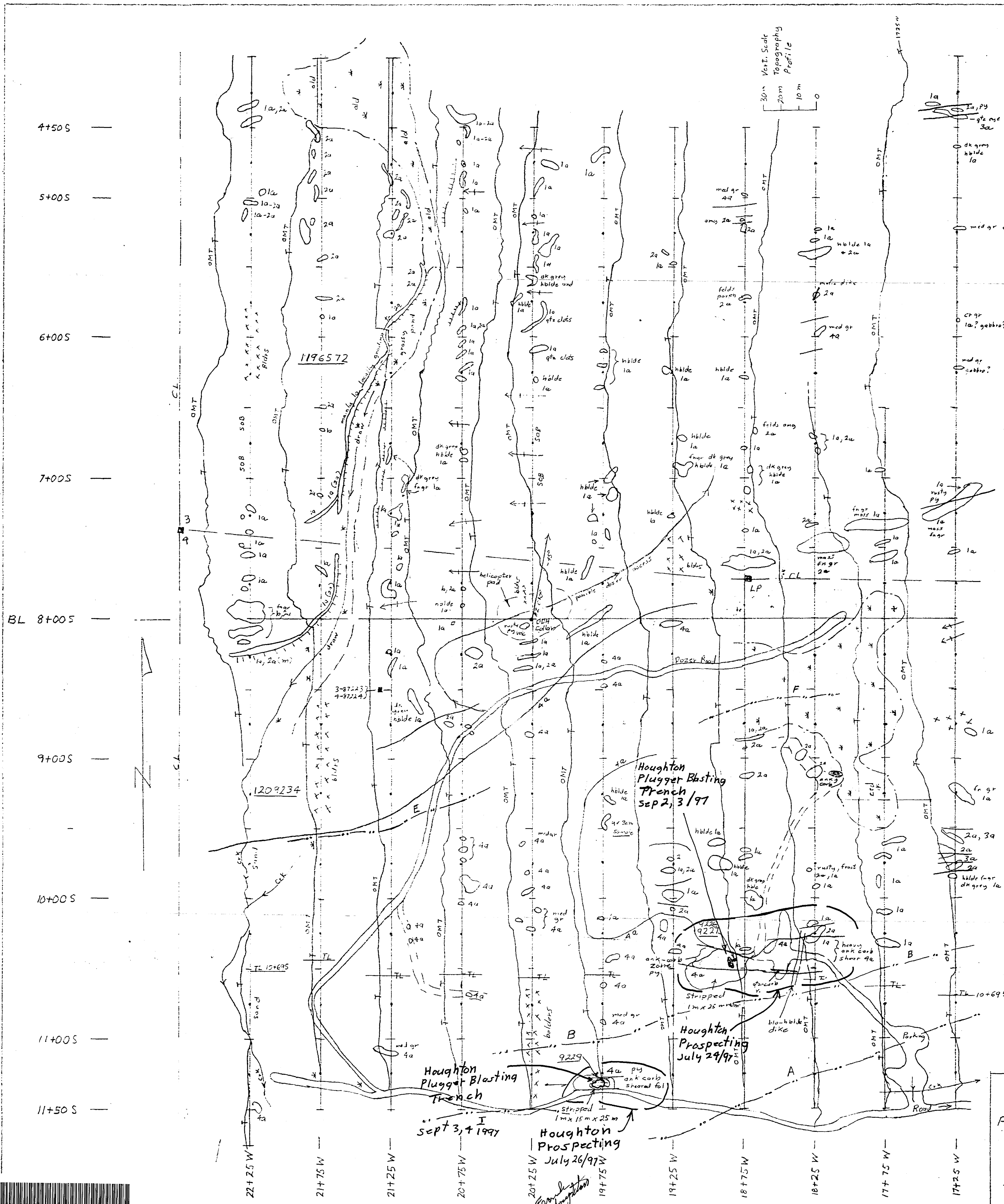
PROSPECTING AREAS

AND

PLUGGER TRENCHING

MAP E





LEGEND

- 4a quartz diorite
- 3a rhyolite
b rhyolite breccia
- 2a dacite
b amgduloidal
c breccia
- 1a andesite
b amgduloidal
c breccia
- carb carbonized
amg amgduloidal
ser sericitic
chl chloritic
calc calcitic
ank ankerite
hbldc hornblende
- mass massive
foliated
sch schistose
fr fractured
- OMT overmature timber
Spt spruce
Bal balsam
Pop poplar
Jp jackpine
Ced cedar
old alders

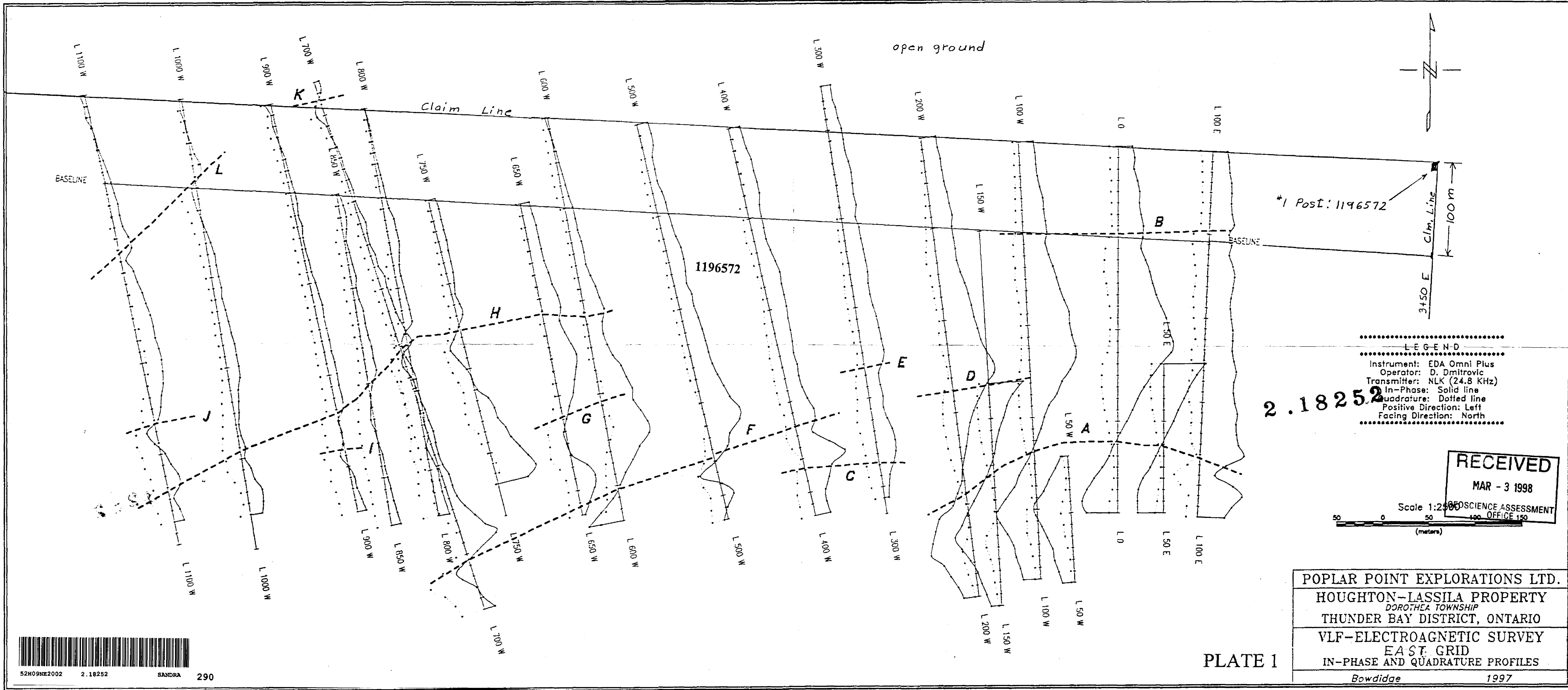
- (swamp) swamp
- (topographic profile) topographic profile
- (cliff or bluff) cliff or bluff
- (old trench) old trench
- (bulldozer route) bulldozer route
- (road) road
- (steep slope) steep slope
- (SoB) shallow overburden
- (foliation, vertical, dipping) foliation, vertical, dipping
- (py) pyrite
- (qv) quartz vein
- (diamond drill hole) diamond drill hole
- (3624) assay sample
- (claim post) claim post
- (geological contact) geological contact
- (m m) thick moosemaple brush
- (VLF EM Conductor) VLF EM Conductor

Scale: 1 cm = 12.5 m
 0 25 50 75 100 m

Claims 1196572 + 1209234

F. Houghton Lic. E 29577
 NOV. 29, 1997
**F. HOUGHTON TRENCH
 PROSPECTING
 AND PLUGGER BLASTING**
 (FIELD MAP)
RECEIVED
 MAR - 3 1998
2.18252
 GEOSCIENCE ASSESSMENT
 OFFICE

GEOLOGY
 WEST GRID
**POPLAR POINT EXPLORATIONS
 INC.**
 DOROTHEA PROPERTY
 Parothea Twp. Ont.
 Sept. 1997 By P. Lassila
MAP F



.....
 LEGEND

 Instrument: EDA Omni Plus
 Operator: D. Dmitrovic
 Transmitter: NLK (24.8 KHz)
 In-Phase: Solid line
 Quadrature: Dotted line
 Positive Direction: Left
 Facing Direction: North

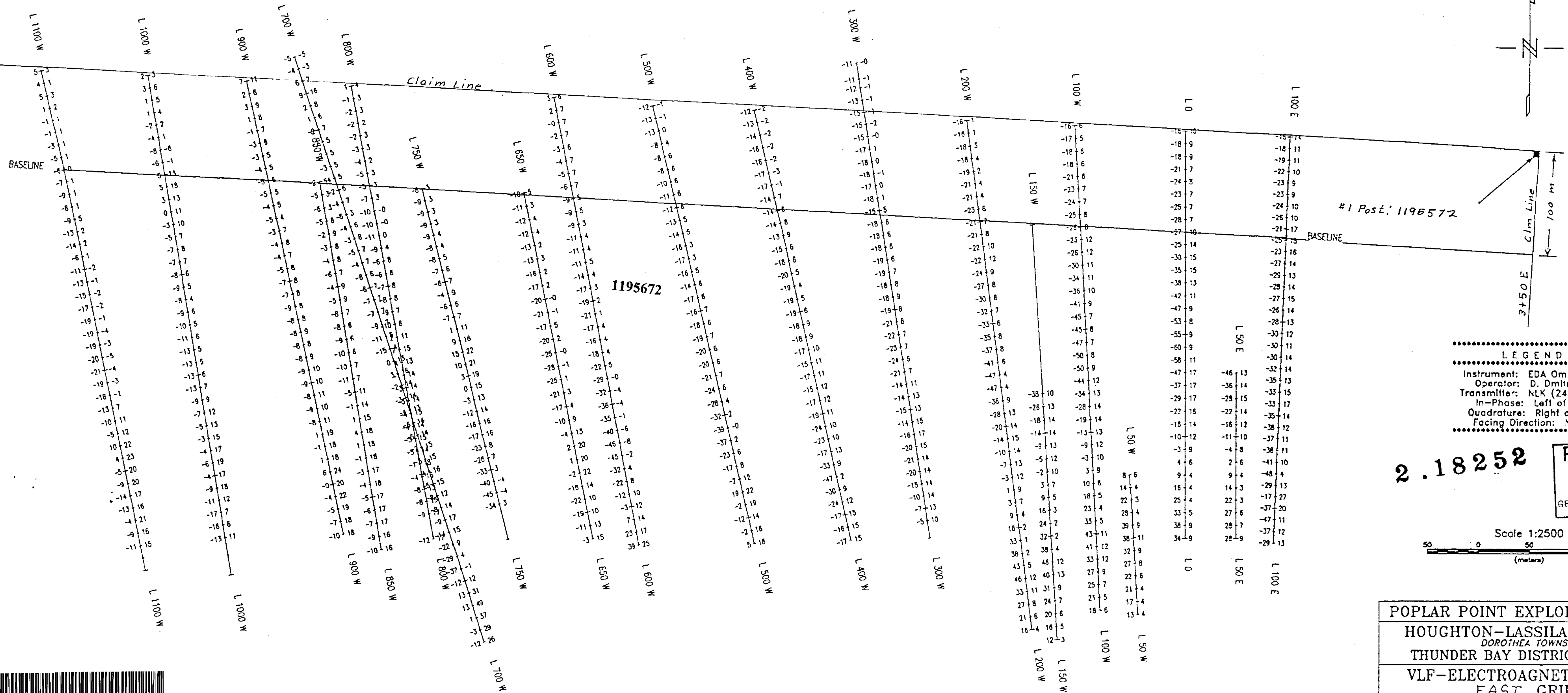
Scale 1:2500
 50 0 50
 (meters)

RECEIVED
 MAR - 3 1998
 SCIENCE ASSESSMENT
 OFFICE 150

POPLAR POINT EXPLORATIONS LTD.
 HOUGHTON-LASSILA PROPERTY
 DOROTHEA TOWNSHIP
 THUNDER BAY DISTRICT, ONTARIO
 VLF-ELECTROMAGNETIC SURVEY
 EAST ST. GRID
 IN-PHASE AND QUADRATURE PROFILES
 Bowdidge 1997

PLATE 1





.....
LEGEND

 Instrument: EDA Omni Plus
 Operator: D. Dmitrovic
 Transmitter: NLK (24.8 KHz)
 In-Phase: Left of line
 Quadrature: Right of line
 Facing Direction: North

2.18252

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 GEOSCIENCE ASSESSMENT
 OFFICE

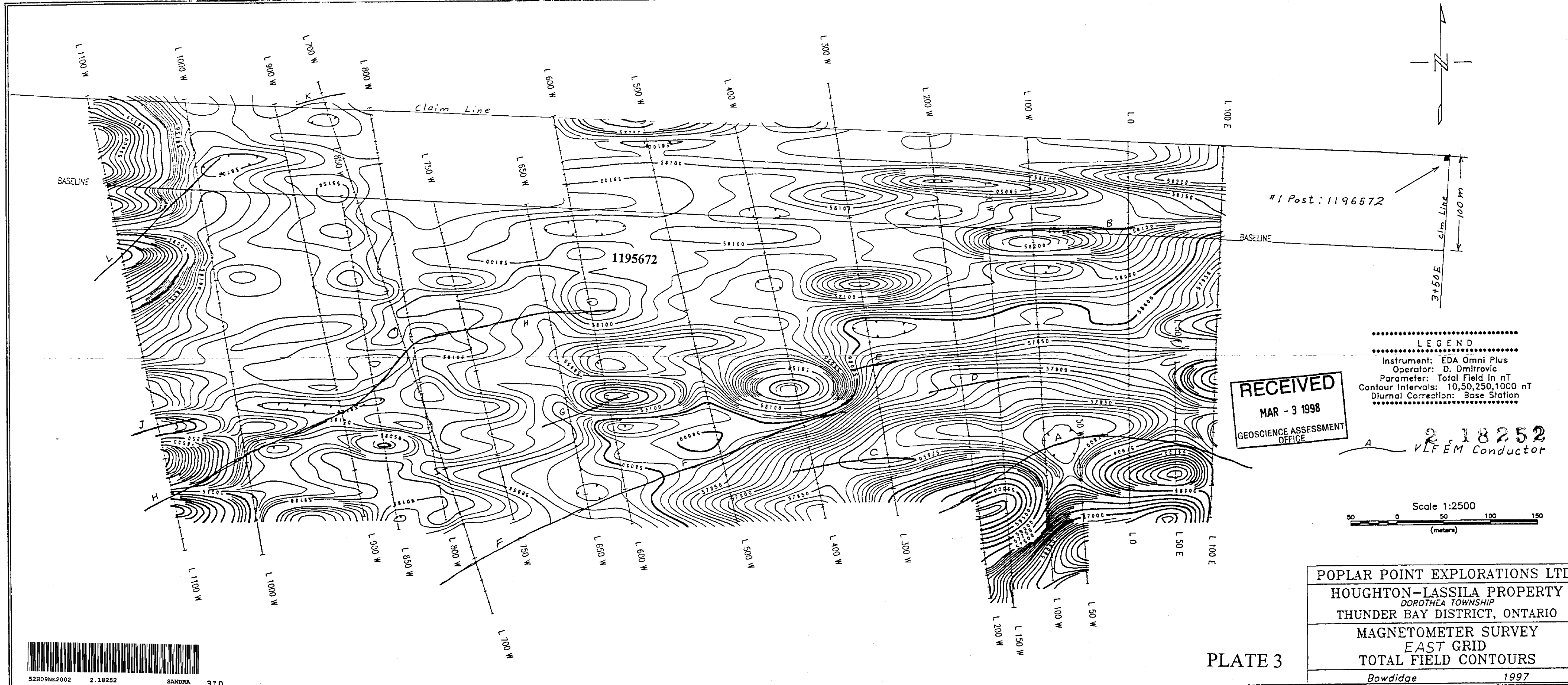
Scale 1:2500
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 (meters)

POPLAR POINT EXPLORATIONS LTD.
HOUGHTON-LASSILA PROPERTY
 DOROTHEA TOWNSHIP
 THUNDER BAY DISTRICT, ONTARIO
VLF-ELECTROAGNETIC SURVEY
 EAST GRID
 IN-PHASE AND QUADRATURE POSTINGS

PLATE 2

Bowdidge 1997





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 GEOSCIENCE ASSESSMENT
 OFFICE

.....
 LEGEND

 Instrument: EDA Omni Plus
 Operator: D. Dmitrovic
 Parameter: Total Field in nT
 Contour Intervals: 10,50,250,1000 nT
 Diurnal Correction: Base Station

A **218252**
 VLF EM Conductor

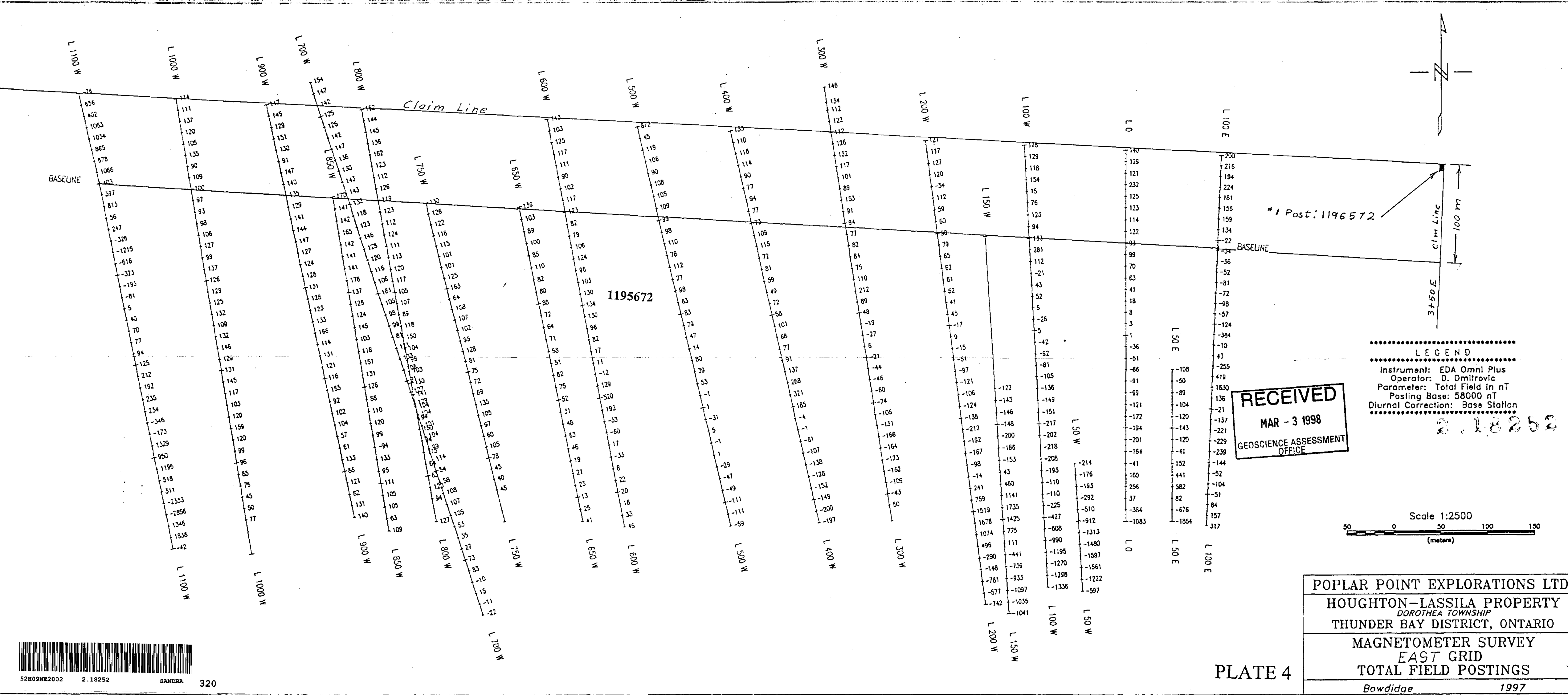
Scale 1:2500
 50 0 50 100 150
 (meters)

POPLAR POINT EXPLORATIONS LTD.
 HOUGHTON-LASSILA PROPERTY
 DOROTHEA TOWNSHIP
 THUNDER BAY DISTRICT, ONTARIO
 MAGNETOMETER SURVEY
 EAST GRID
 TOTAL FIELD CONTOURS
 Bowdidge 1997

PLATE 3



52H09NE2002 2.18252 SANDRA 310



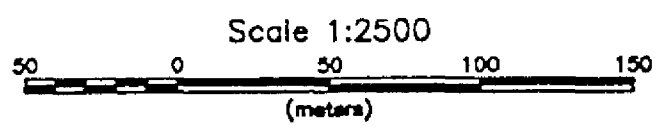
Claim Line

1195672

#1 Post: 1196572

LEGEND
 Instrument: EDA Omni Plus
 Operator: D. Dmitrovic
 Parameter: Total Field in nT
 Posting Base: 58000 nT
 Diurnal Correction: Base Station

RECEIVED
 MAR - 3 1998
 GEOSCIENCE ASSESSMENT
 OFFICE



POPLAR POINT EXPLORATIONS LTD.
 HOUGHTON-LASSILA PROPERTY
 DOROTHEA TOWNSHIP
 THUNDER BAY DISTRICT, ONTARIO
 MAGNETOMETER SURVEY
 EAST GRID
 TOTAL FIELD POSTINGS
 Bowdidge 1997

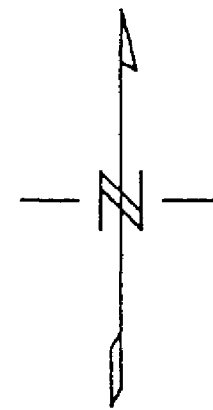
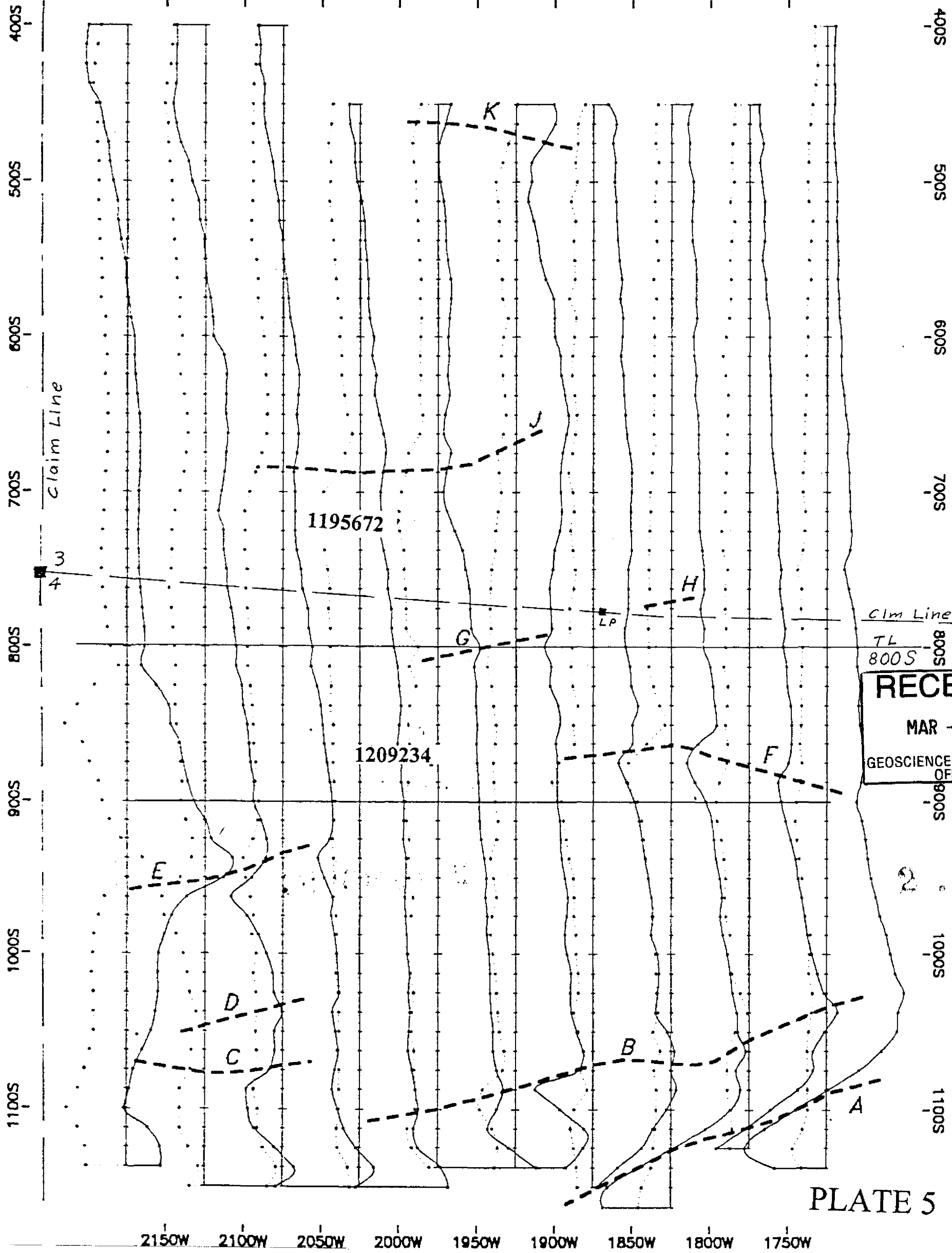
PLATE 4



52H09NE2002 2.18252 SANDRA 320

2.18252

2150W 2100W 2050W 2000W 1950W 1900W 1850W 1800W 1750W

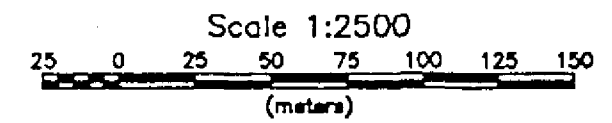


RECEIVED
 MAR - 3 1998
 GEOSCIENCE ASSESSMENT
 OFFICE

.....
 LEGEND

 Instrument: EDA Omni Plus
 Operator: D. Dmitrovic
 Transmitter: NLK (24.8 KHz)
 In-Phase: Solid line
 Quadrature: Dotted line
 Positive Direction: Left
 Facing Direction: North

2 18252

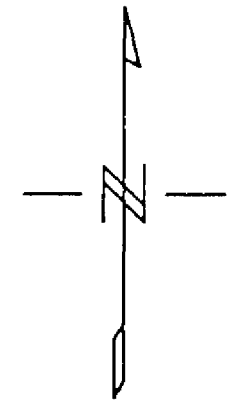
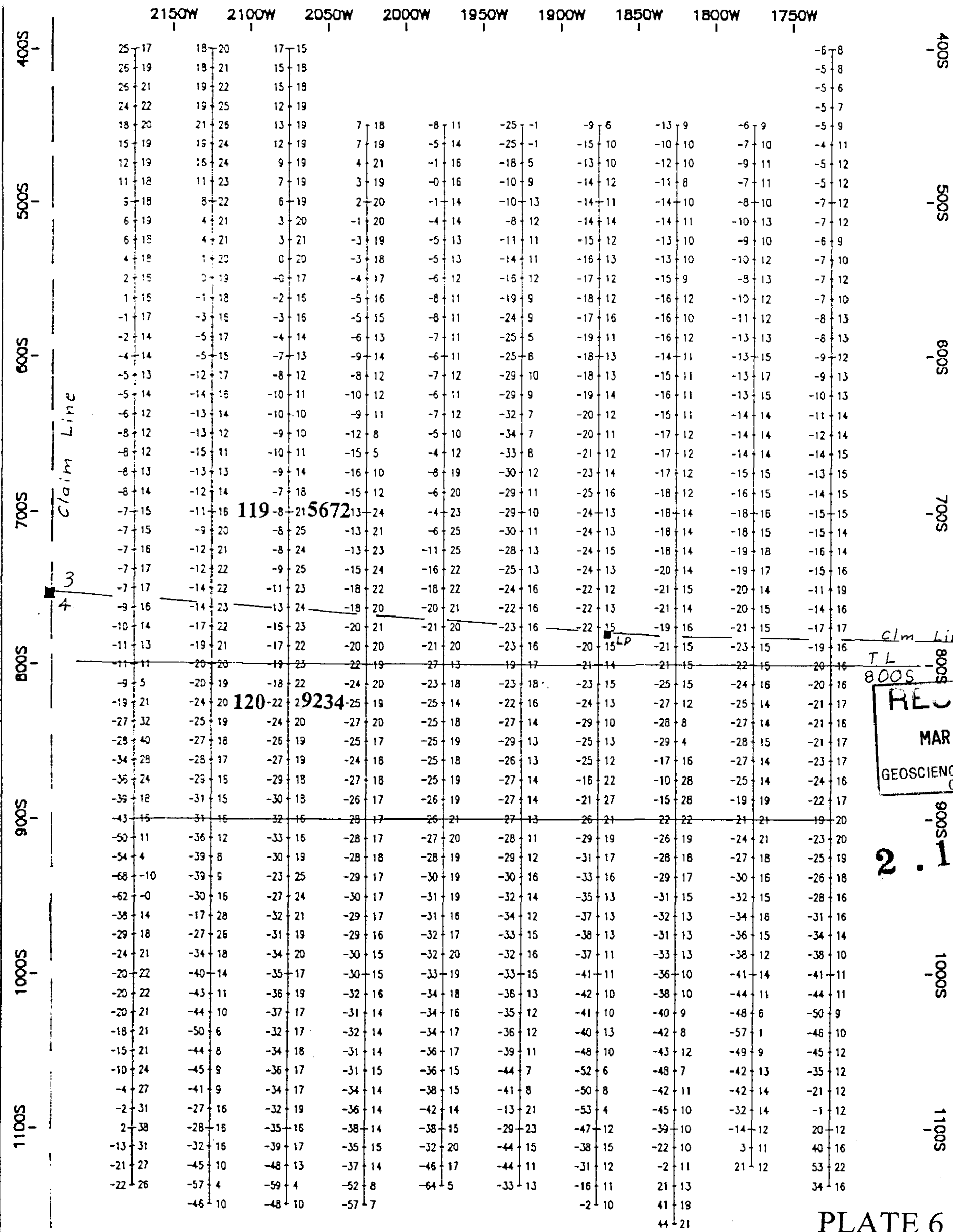


POPLAR POINT EXPLORATIONS LTD.
 HOUGHTON-LASSILA PROPERTY
 DOROTHEA TOWNSHIP
 THUNDER BAY DISTRICT, ONTARIO
 VLF-ELECTROMAGNETIC SURVEY
 WEST GRID
 IN-PHASE AND QUADRATURE PROFILES
 Bowdidge 1997

PLATE 5

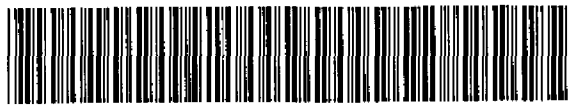
2150W 2100W 2050W 2000W 1950W 1900W 1850W 1800W 1750W



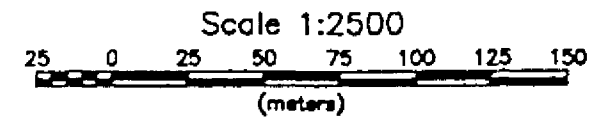


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OFFICE

2.18252



52H09NE2002 2.18252 SANDRA 340



POPLAR POINT EXPLORATIONS LTD.
HOUGHTON-LASSILA PROPERTY
DOROTHEA TOWNSHIP
THUNDER BAY DISTRICT, ONTARIO
VLF-ELECTROMAGNETIC SURVEY
WEST GRID
IN-PHASE AND QUADRATURE POSTINGS
Bowdidge 1997

PLATE 6

2150W 2100W 2050W 2000W 1950W 1900W 1850W 1800W 1750W

2150W 2100W 2050W 2000W 1950W 1900W 1850W 1800W 1750W

400S

500S

600S

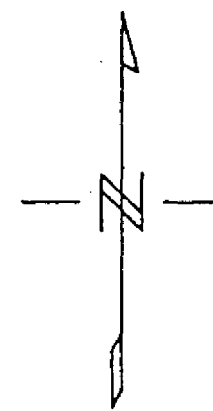
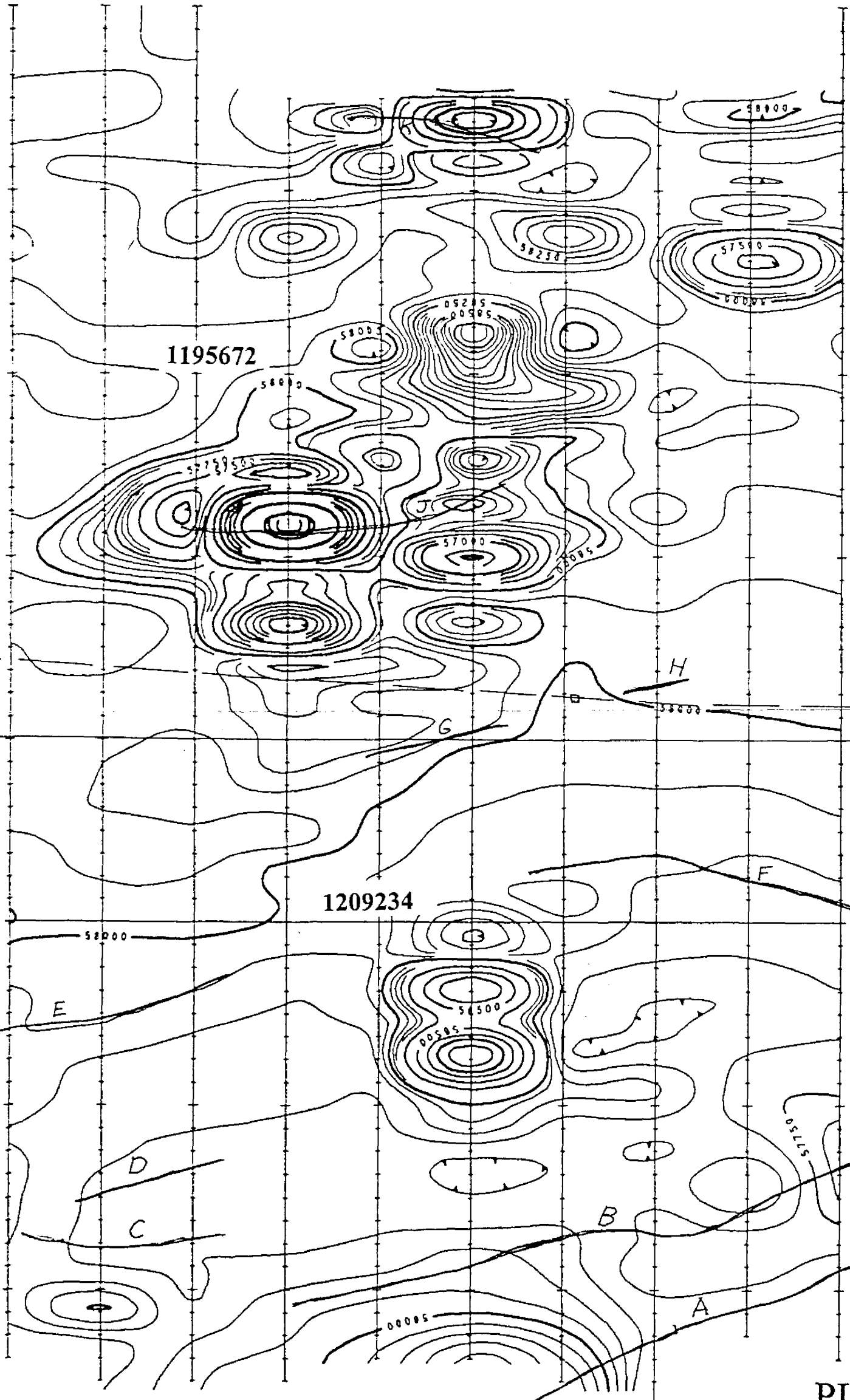
700S

800S

900S

1000S

1100S



52H09NE2002 2.18252 SANDRA 350

Claim Line

3
4

C/m Line

TL
800S

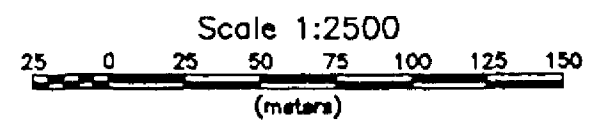
2.18252

LEGEND

Instrument: EDA Omni Plus
Operator: D. Dmitrovic
Parameter: Total Field in nT
Contour Intervals: 50,250,1000,5000 nT
Diurnal Correction: Base Station

RECEIVED
MAR - 3 1998
GEOSCIENCE ASSESSMENT
OFFICE

A VLF EM Conductor



POPLAR POINT EXPLORATIONS LTD.
HOUGHTON-LASSILA PROPERTY
DOROTHEA TOWNSHIP
THUNDER BAY DISTRICT, ONTARIO
MAGNETOMETER SURVEY
WEST GRID
TOTAL FIELD CONTOURS

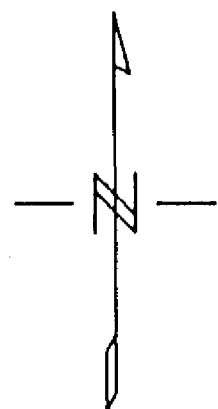
PLATE 7

2150W 2100W 2050W 2000W 1950W 1900W 1850W 1800W 1750W

Bowdidge 1997

2150W 2100W 2050W 2000W 1950W 1900W 1850W 1800W 1750W

4000	113	124	54							120
	115	113	75							140
	140	107	93							152
	125	108	113							262
	42	40	127	169	59	-26	91	43	60	-147
	101	90	129	217	782	-8837	101	109	-117	228
	93	114	117	168	-145	1790	109	101	331	135
	112	88	97	139	-259	48	1	111	57	110
5000	98	96	67	-65	117	155	-14	147	99	120
	113	174	4	138	116	193	206	106	327	113
	64	114	-8	442	95	124	548	121	-69	120
	99	128	115	170	92	106	161	67	-1341	104
	100	133	159	142	58	197	121	128	-185	101
	63	120	127	120	67	39	52	135	45	95
	94	94	93	91	85	1258	-49	92	81	105
	112	95	91	67	-281	603	-99	106	70	109
	100	100	99	54	206	733	228	146	106	93
	88	128	88	-93	135	252	492	68	95	98
	89	98	74	-23	-107	346	92	90	244	93
	73	85	28	-68	461	-62	-97	208	74	92
	59	68	-9	-273	868	-701	157	78	142	141
	33	30	-802	-3307	150	366	-66	142	78	115
	25	-86	-1529	14732	111	-976	94	215	83	83
	35	-219	-1117	10531	226	1003	-249	119	77	69
	45	-146	-295	1410	-85	-4119	75	89	65	81
	70	-14	-44	-1767	80	390	97	78	49	60
	89	122	61	119	168	5672	111	18	28	48
	101	134	73	-4231	115	-229	37	29	42	38
	93	115	85	362	158	36	14	27	36	27
	91	112	58	155	291	179	-15	64	30	73
	89	78	72	222	5	35	-9	18	18	13
	60	68	64	131	123	133	-36	-13	-7	9
	48	61	40	122	154	8	16	-29	7	7
	64	47	13	134	37	-30	-13	-40	-37	-21
	87	48	30	78	23	-31	-62	-45	-48	-29
	45	45	43	-9	-7	-49	-57	-66	-70	-38
	66	60	46	120	147	9234	-22	-73	-52	-65
	4	72	83	-1	-37	-62	-81	-60	-105	-76
	30	59	44	-27	-55	-91	-83	-105	-111	-100
	1	27	33	-1	-62	-23	39	-140	-125	-106
	14	36	38	1	14	300	90	102	124	-133
	19	-23	-19	-30	-35	-273	-61	-129	-138	-68
	-36	-45	-33	-76	-67	24	-147	-159	-181	-145
	-59	-29	-44	-98	-30	1895	-145	-196	-204	-123
	-67	-44	-82	-106	-68	-211	-155	-212	-194	-220
	-38	-56	-103	-127	-113	896	-175	-200	-185	-167
	-85	-111	-135	-125	-131	2214	-272	-195	-204	-268
	-51	-124	-140	-130	-151	162	-49	-55	-228	-212
	-48	-134	-143	-146	-160	-3	-135	-117	-239	-272
	-113	-142	-147	-156	-157	-52	-182	-172	-194	-340
	-89	-138	-163	-162	-172	-210	-185	-233	-189	-363
	-72	-157	-152	-169	-188	-220	-210	-169	-96	-333
	-86	-162	-159	-168	-168	-199	-167	-184	-91	-362
	-86	-164	-202	-174	-161	-175	-157	-230	-183	-251
	-88	-170	-146	-156	-143	-109	-129	-193	-233	-223
	-97	-166	-153	-146	-133	-54	-138	-258	-218	-181
	-137	-81	-158	-100	-53	-59	-94	-205	-197	-204
	-161	97	-160	-49	-42	-17	-65	-185	-171	-186
	-174	-187	-103	-68	11	123	30	-163	-171	-230
	-178	-190	-79	-28	70	241	114	-193	-171	113
	-165	-59	36				170	-264		-265



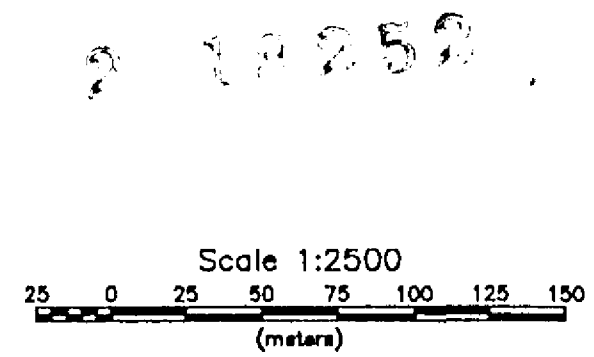
52H09NE2002 2.18252 SANDRA 360

Claim Line

Clm Line

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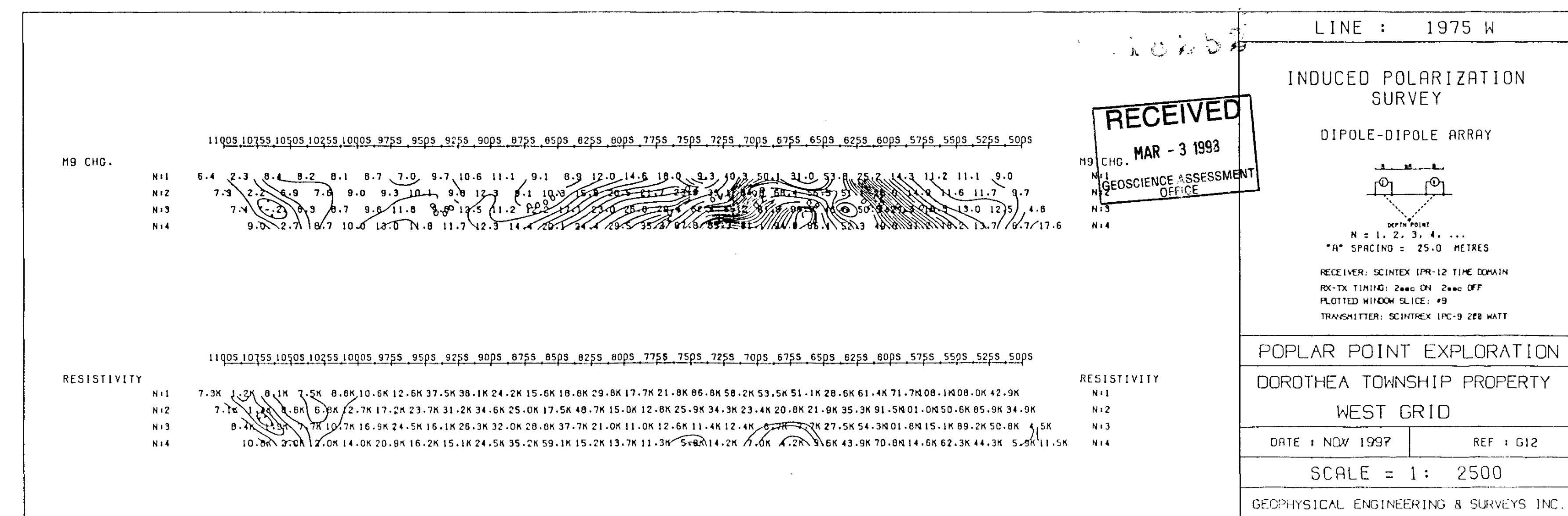
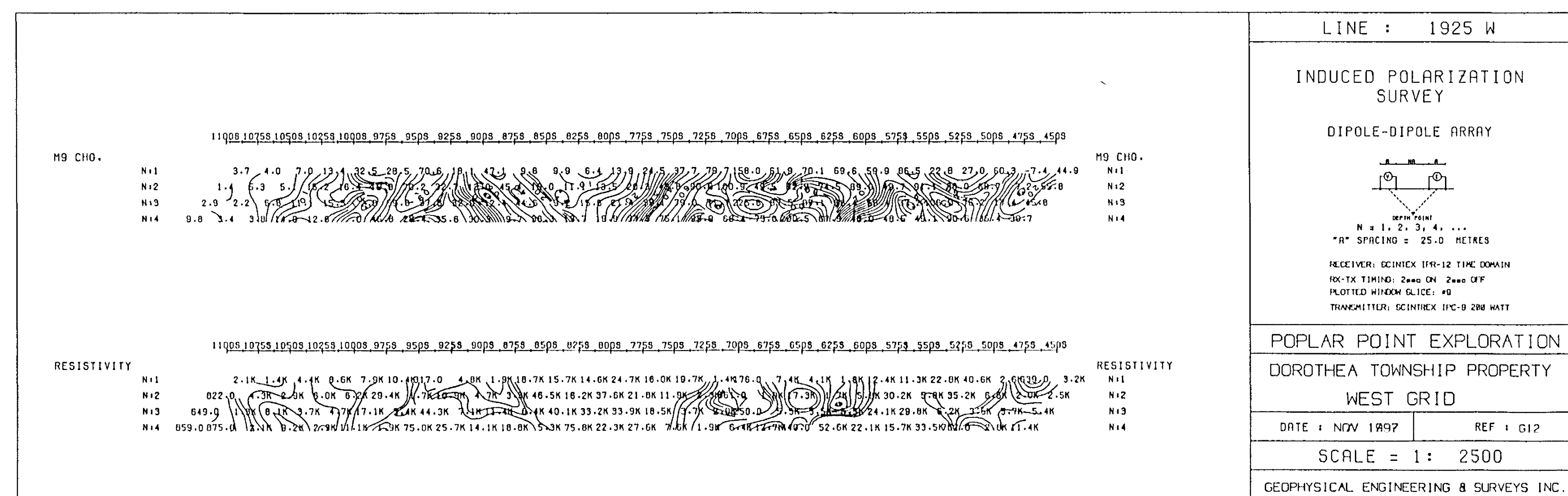
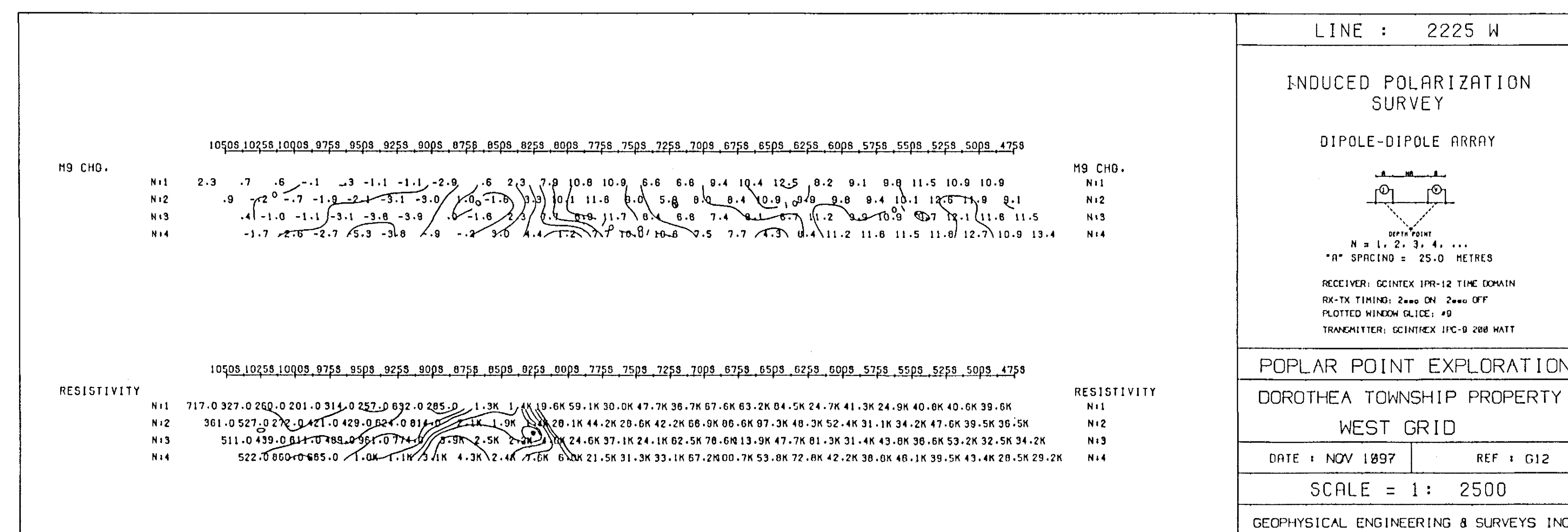
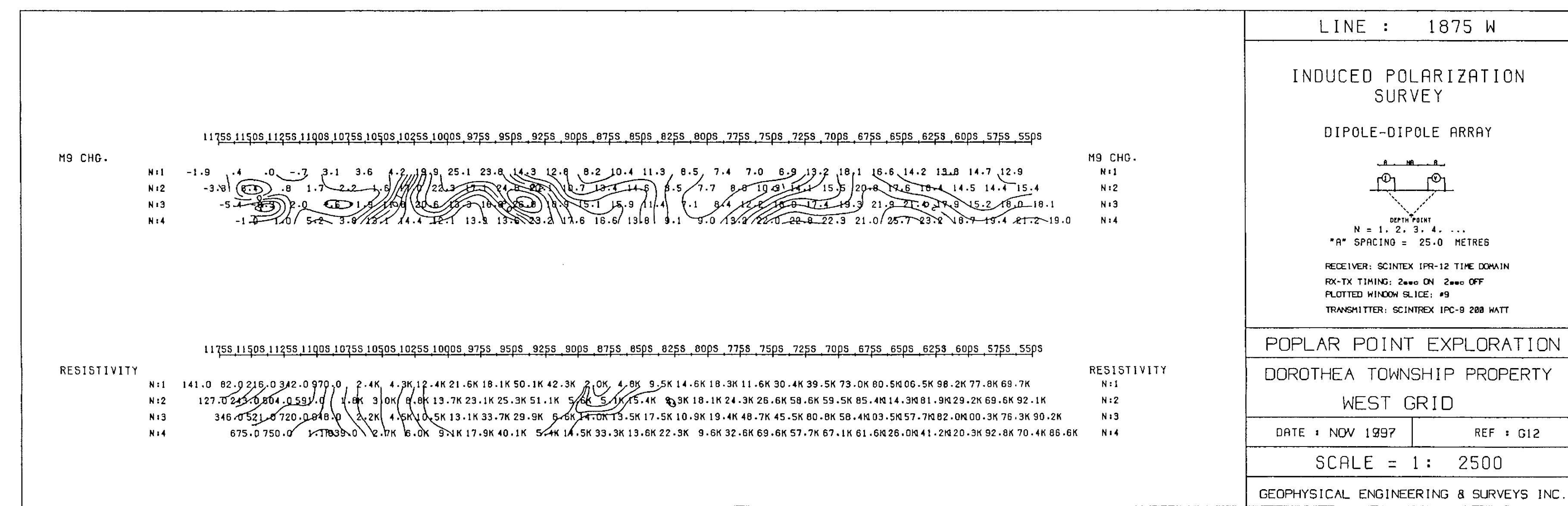
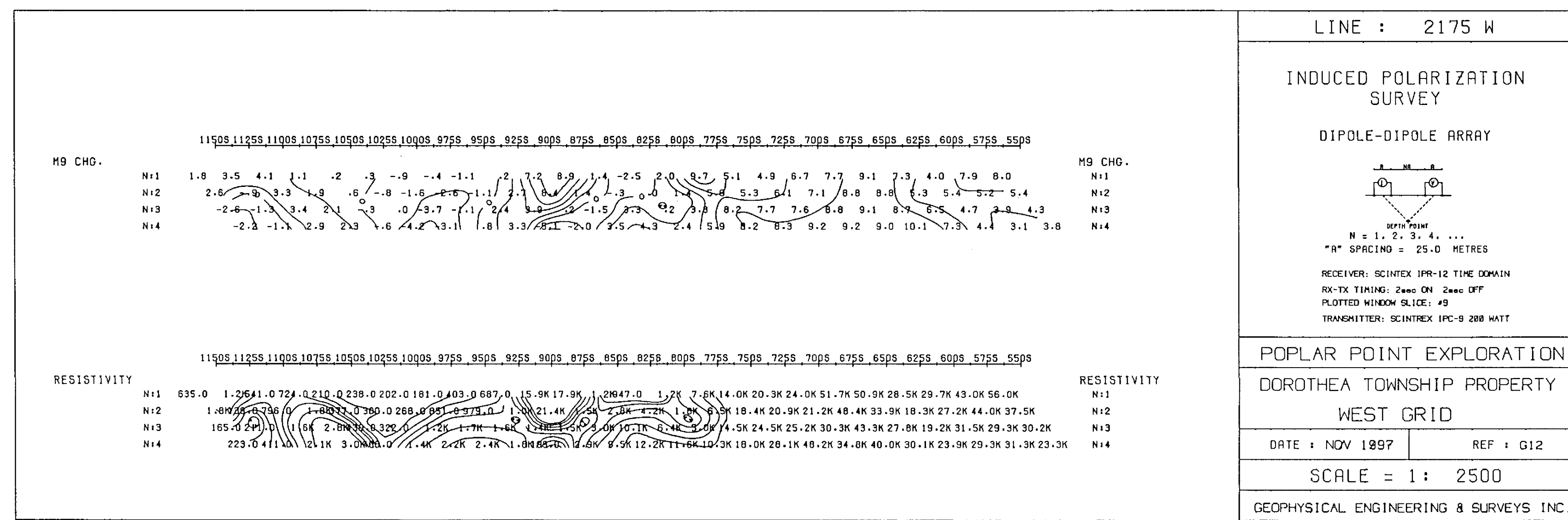
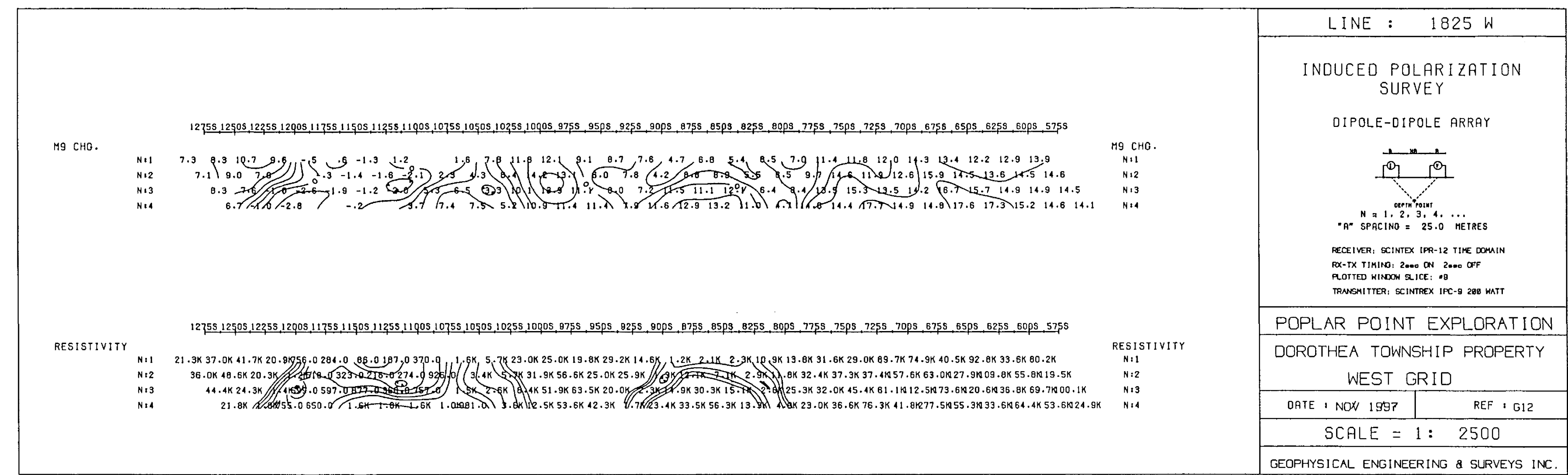
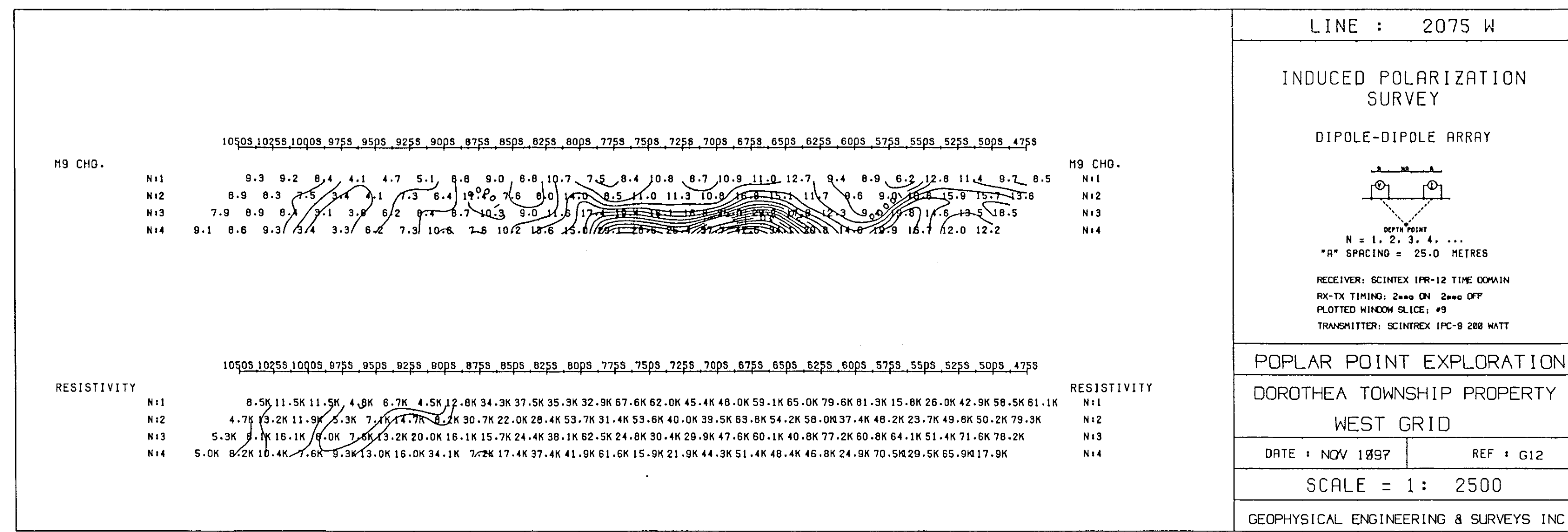
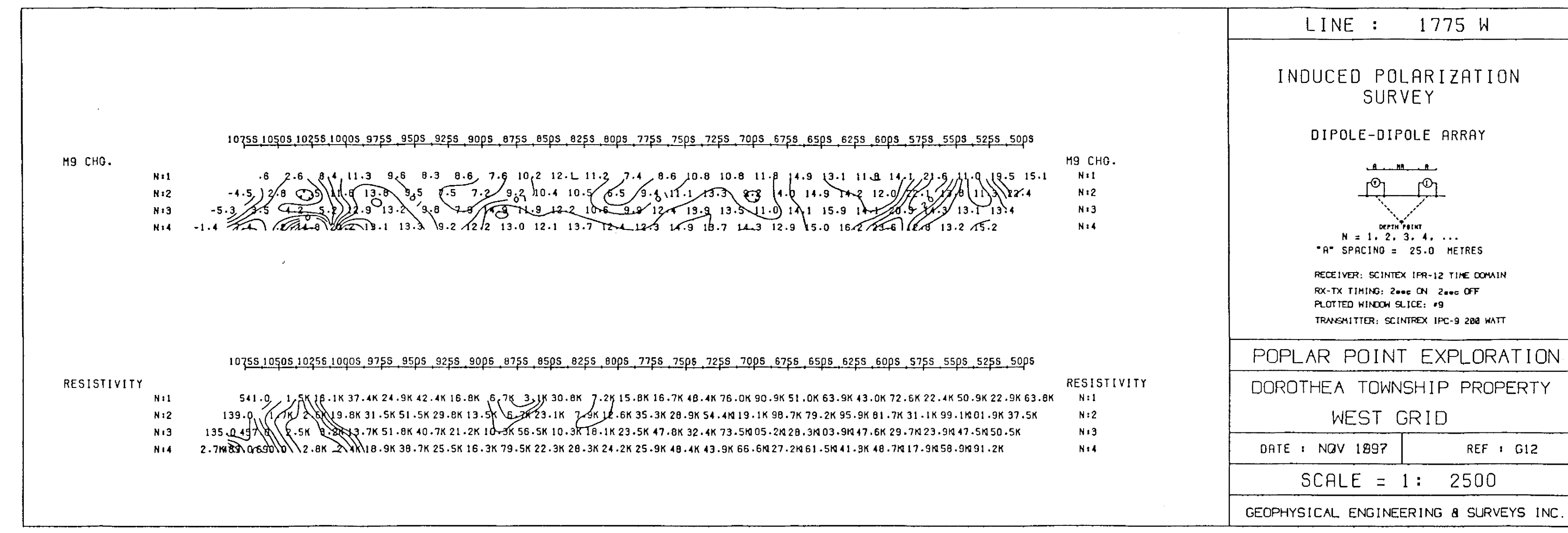
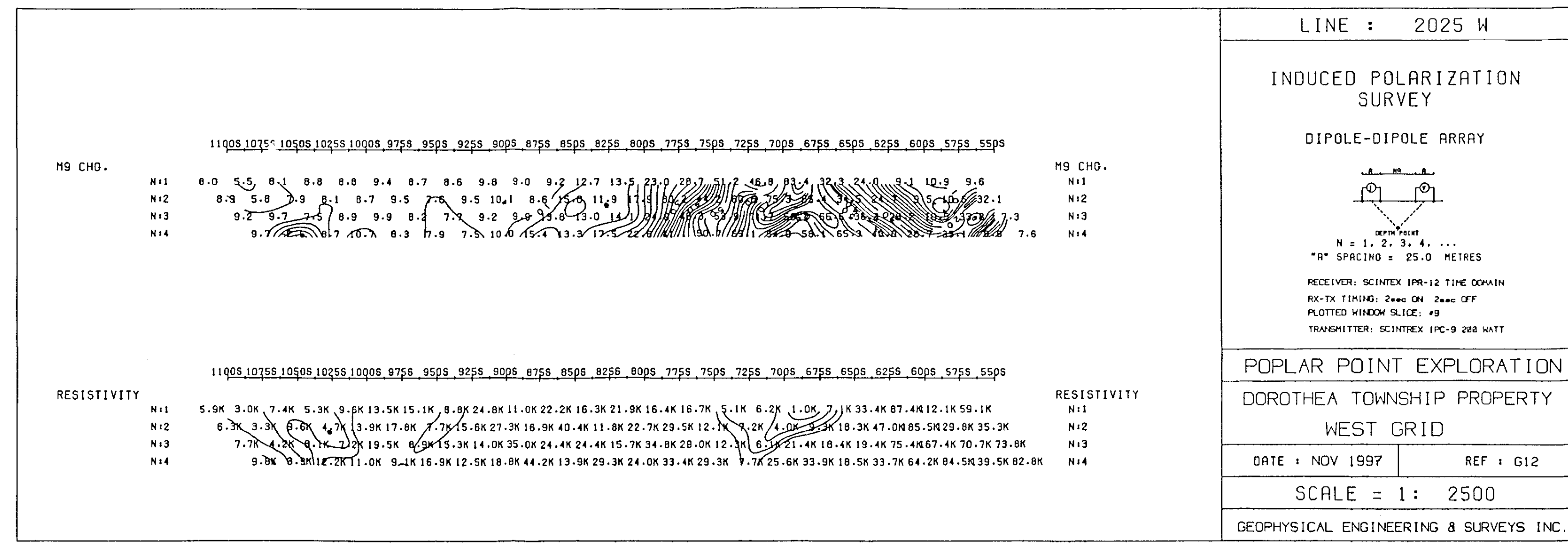
.....
LEGEND
.....
Instrument: EDA Omni Plus
Operator: D. Dmitrovic
Parameter: Total Field in nT
Posting Base: 58000 nT
Diurnal Correction: Base Station
.....



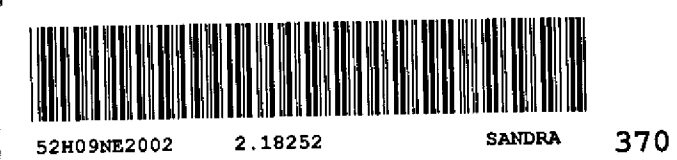
POPLAR POINT EXPLORATIONS LTD.
HOUGHTON-LASSILA PROPERTY
DOROTHEA TOWNSHIP
THUNDER BAY DISTRICT, ONTARIO
MAGNETOMETER SURVEY
WEST GRID
TOTAL FIELD POSTINGS
Bowdidge 1997

PLATE 8

2150W 2100W 2050W 2000W 1950W 1900W 1850W 1800W 1750W

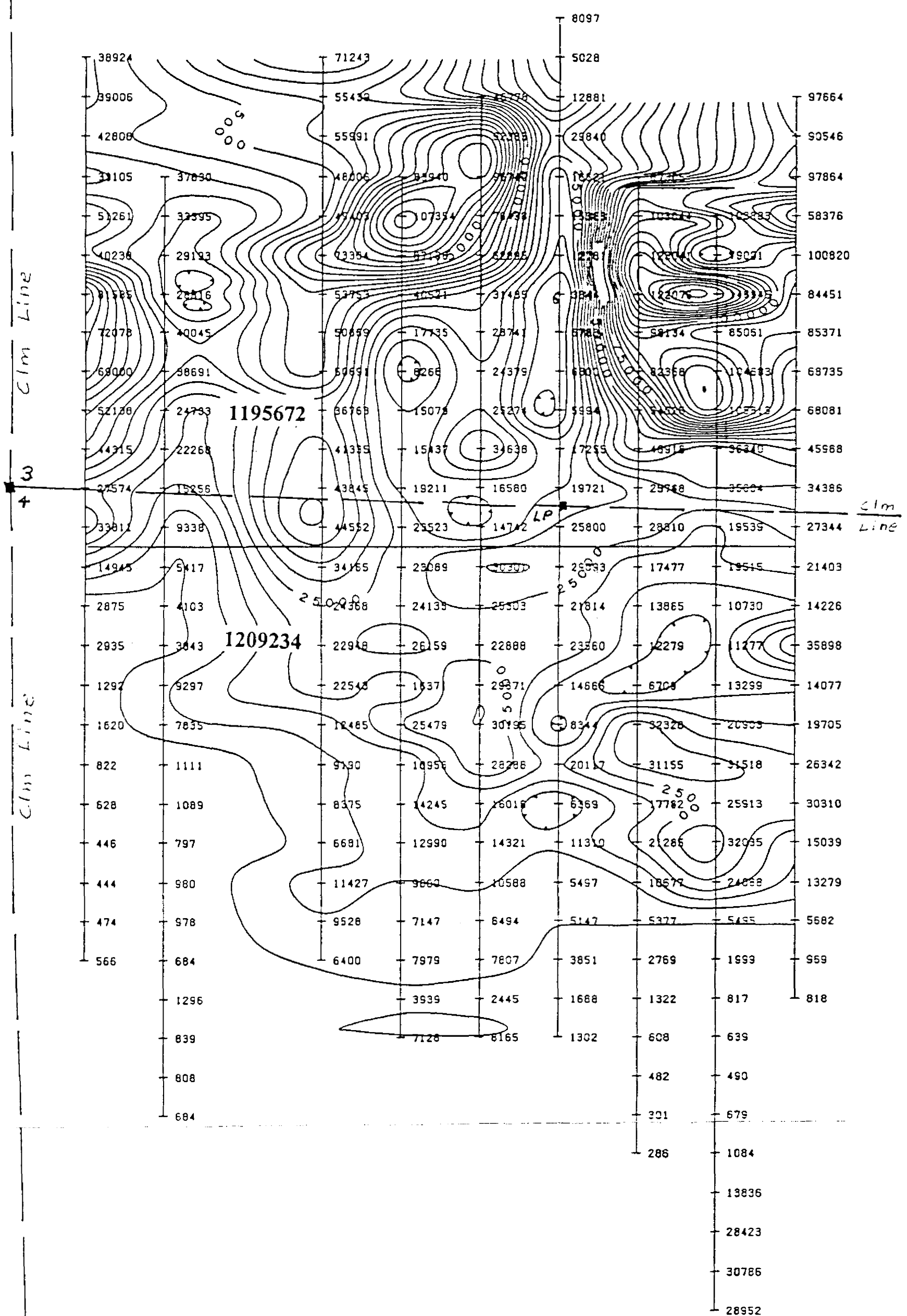


POPLAR POINT EXPLORATION
DOROTHEA TOWNSHIP PROPERTY
WEST GRID
I.P. PSUEDOSECTIONS
PLATE 9



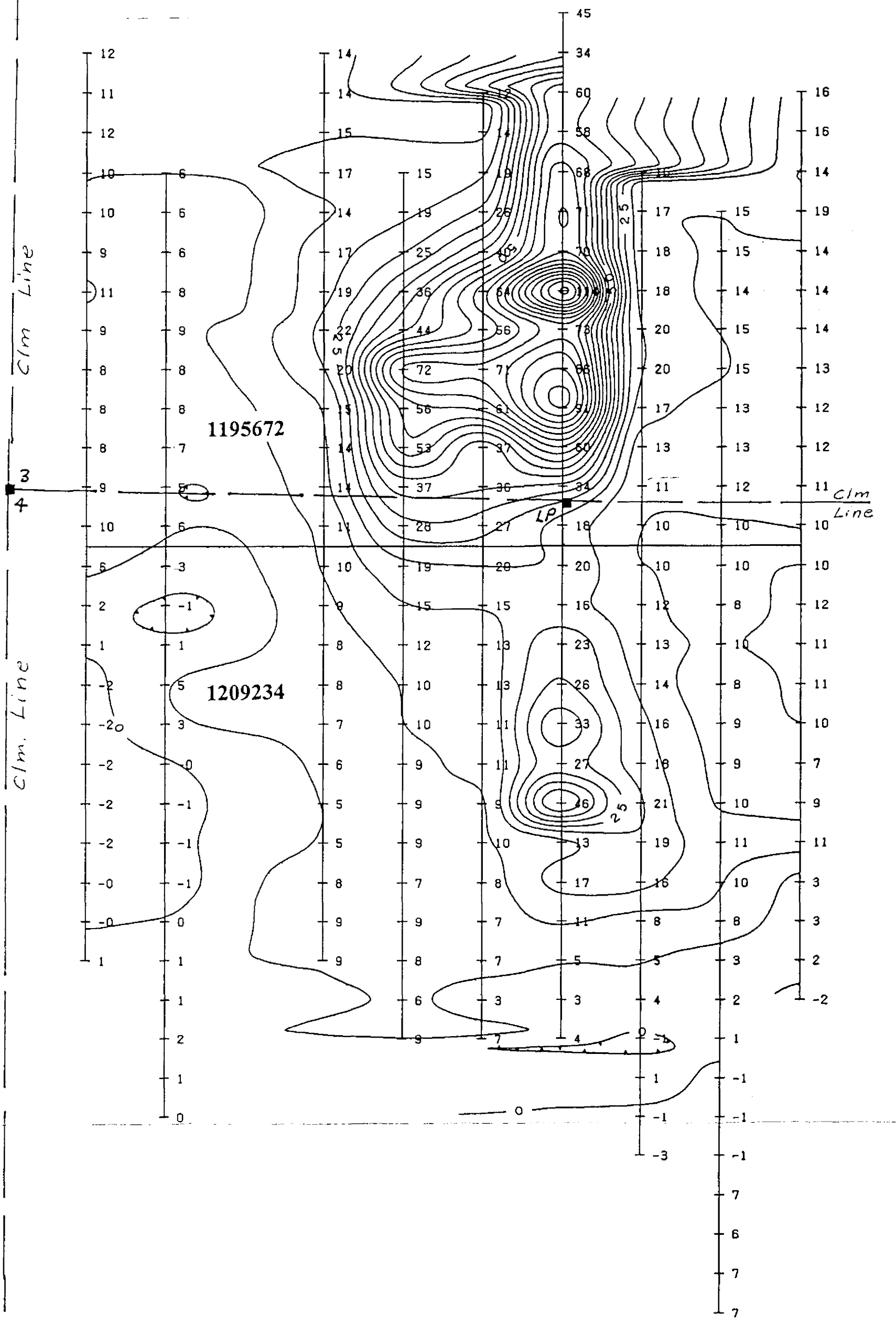
RESISTIVITY

2225 WEST
2175 WEST
2075 WEST
2025 WEST
1975 WEST
1925 WEST
1875 WEST
1825 WEST
1775 WEST

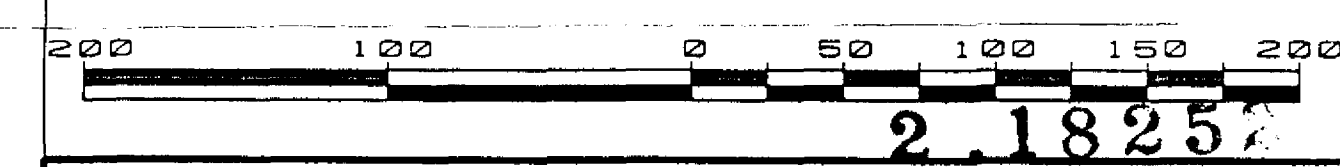


CHARGEABILITY

2225 WEST
2175 WEST
2075 WEST
2025 WEST
1975 WEST
1925 WEST
1875 WEST
1825 WEST
1775 WEST



RECEIVER: SCINTEX IPR-12 TIME DOMAIN
RX-TX TIMING: 2sec ON 2sec OFF
PLOTTED WINDOW SLICE: #9
TRANSMITTER: SCINTEX IPC-9 200 WATT
DIPOLE - DIPOLE
RESISTIVITY CONTOURED INTERVAL: 5000 OHMS
CHARGEABILITY CONTOURED INTERVAL: 5 ms
A: SPACING 25m
N = 1 - 4
PLOTTED DATA: FRASER FILTERED (B)



Client: POPLAR POINT EXPLORATION
Property: DOROTHEA TWP. PROPERTY
Title: CONTOURED FILTERED I.P.
RESISTIVITY AND CHARGEABILITY PLAN

Processed: R.J. MEIKLE	Checked: RJM	GEOPHYSICAL ENGINEERING & SURVEYS INC.
Date: OCT 1997	Township: DOROTHEA	
Province: ONTARIO	N.T.S.:	
Scale: 1:2500	Drawing: CNT-FF-RES-CHRG	



POPLAR POINT EXPLORATION
DOROTHEA TOWNSHIP PROPERTY
EAST GRID

I.P. PSEUDOSECTIONS

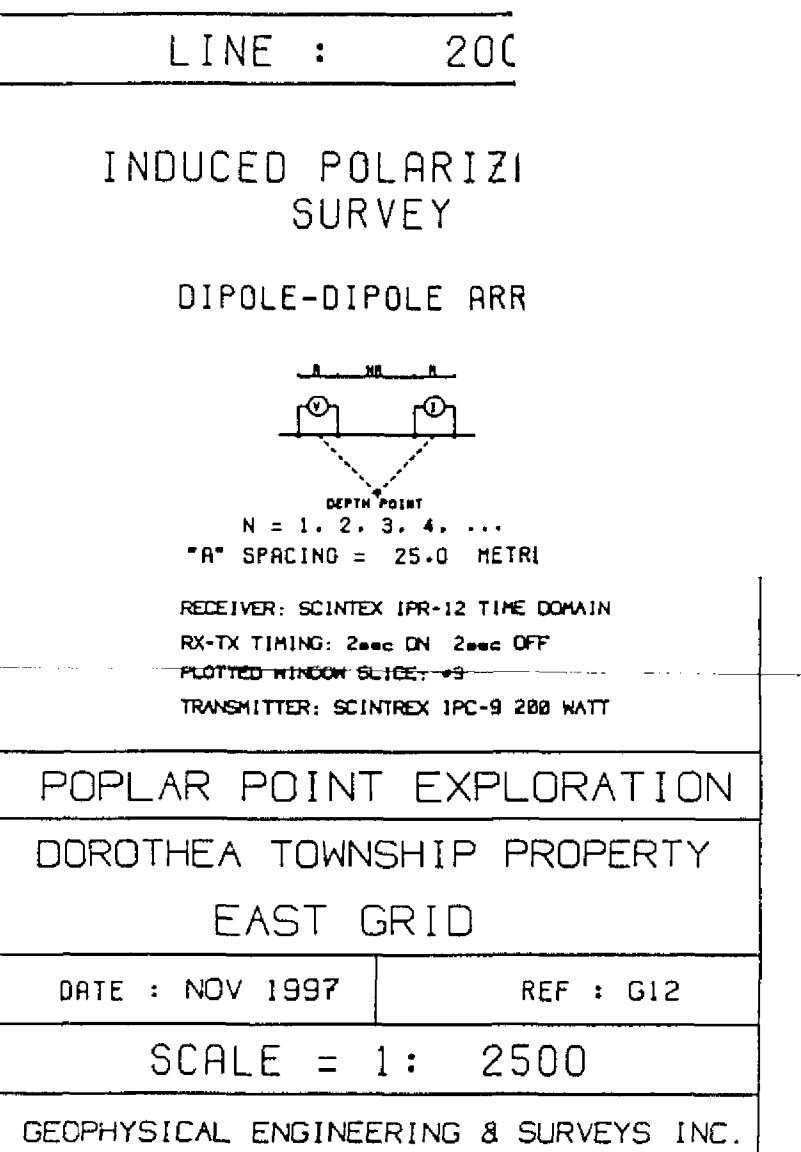
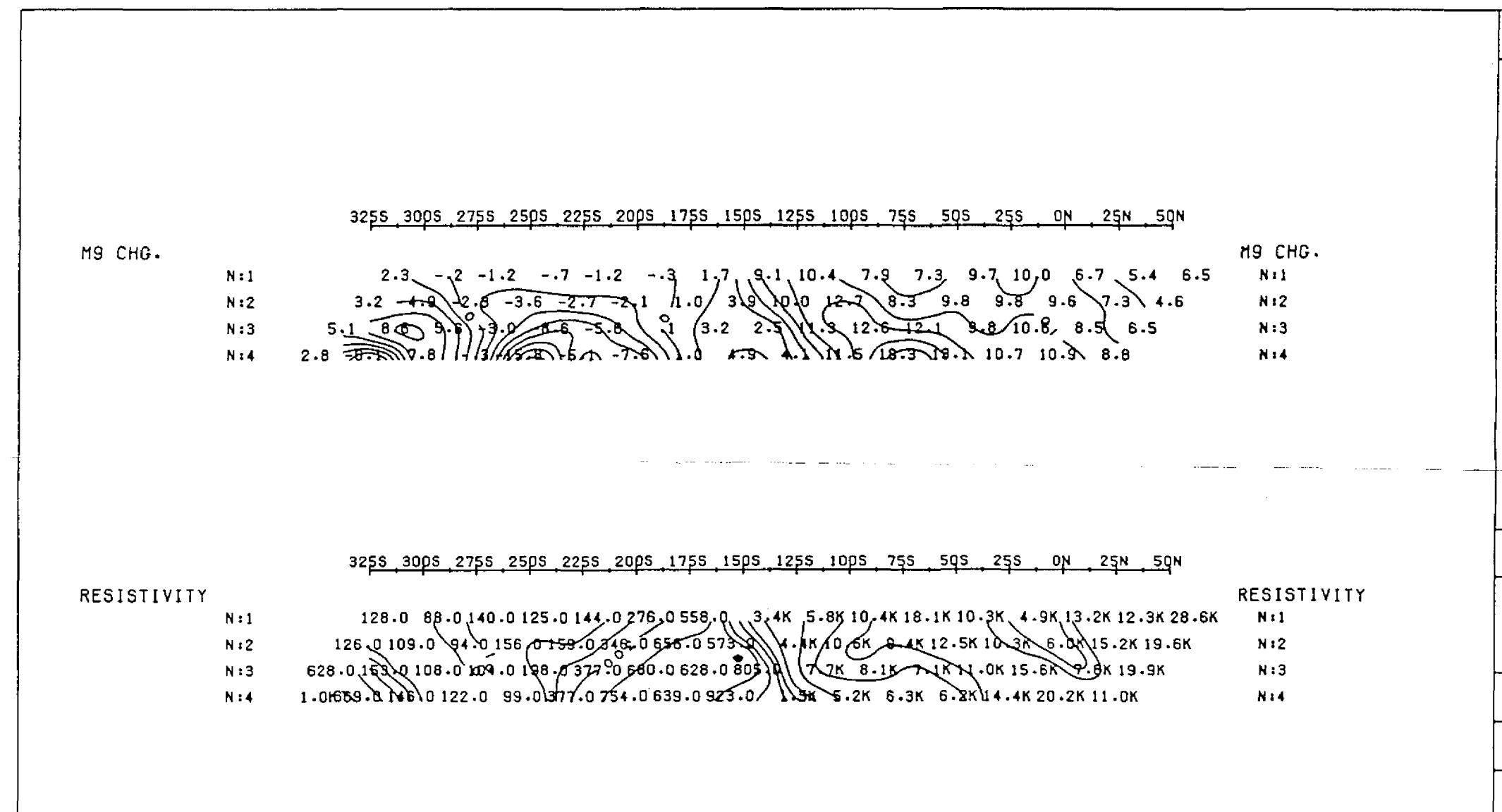
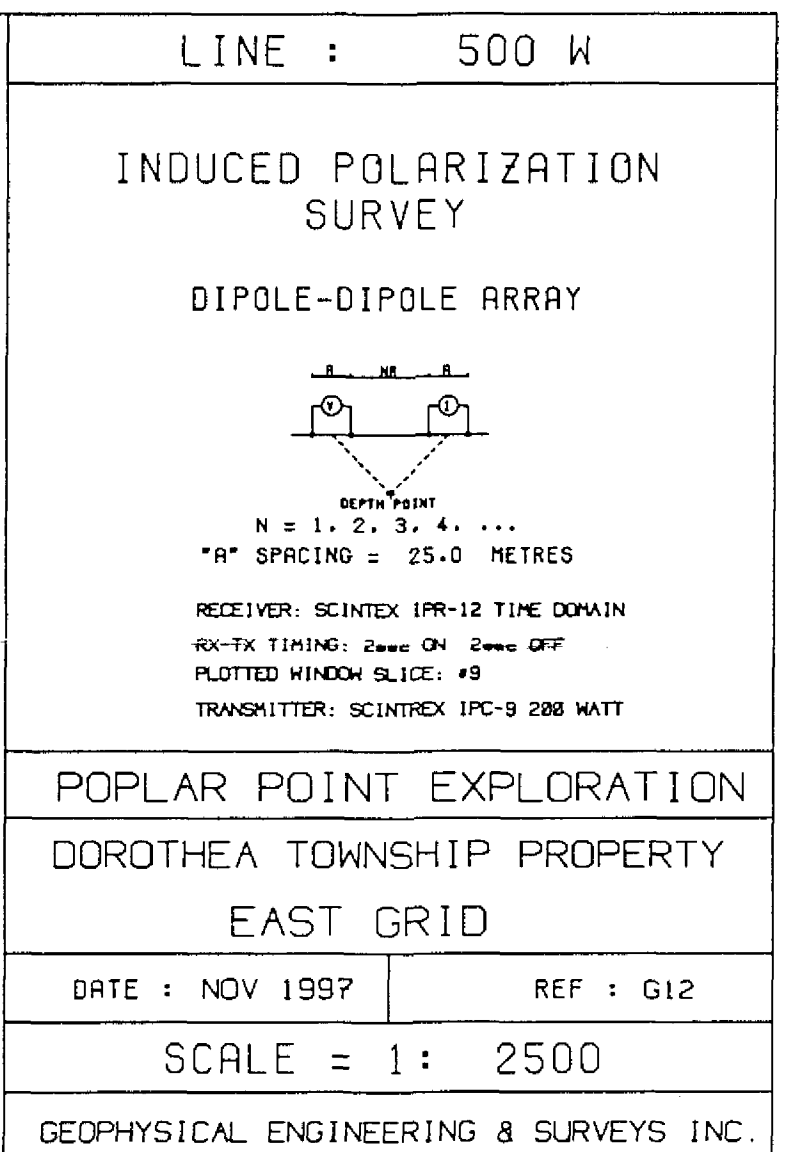
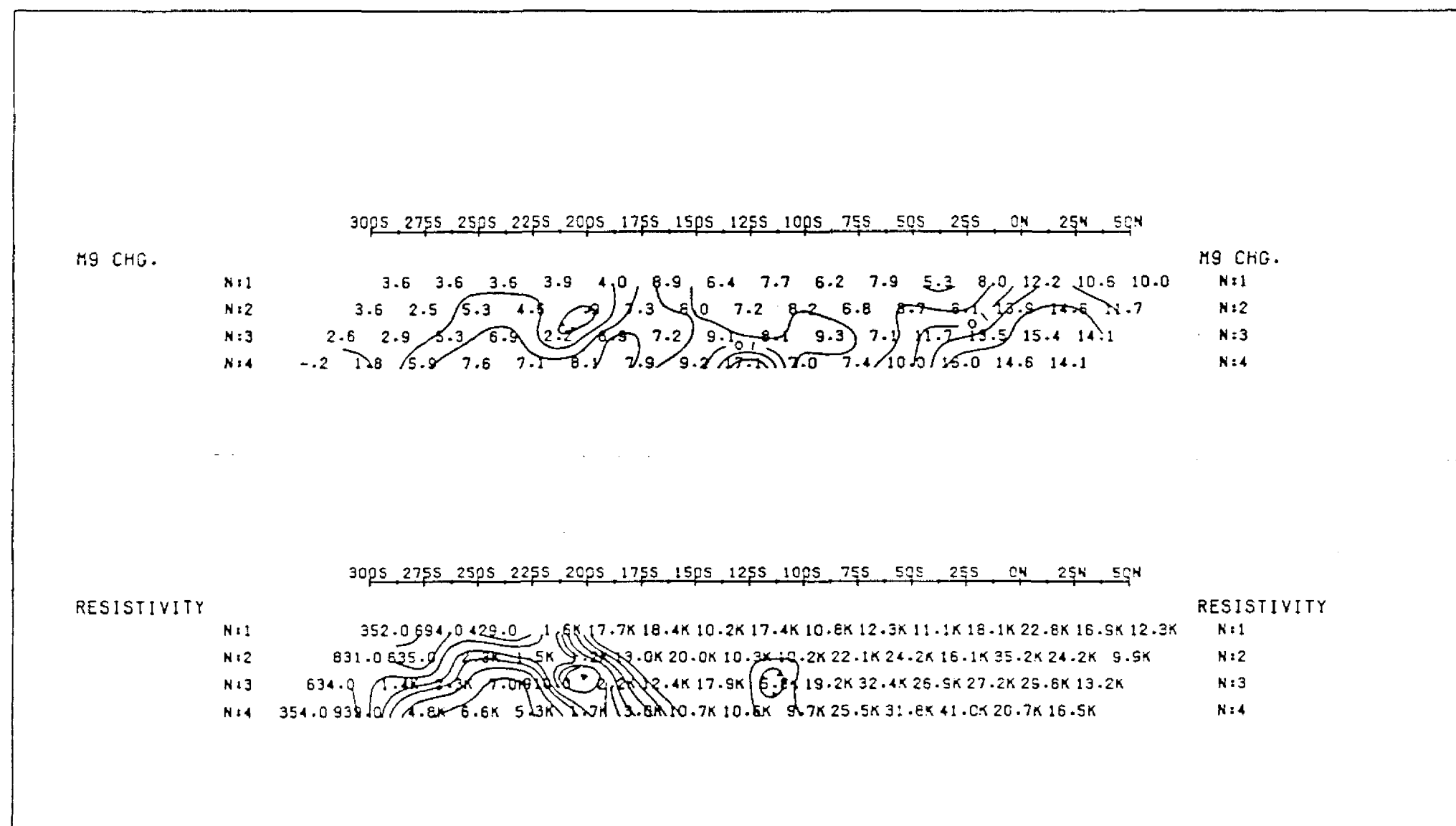
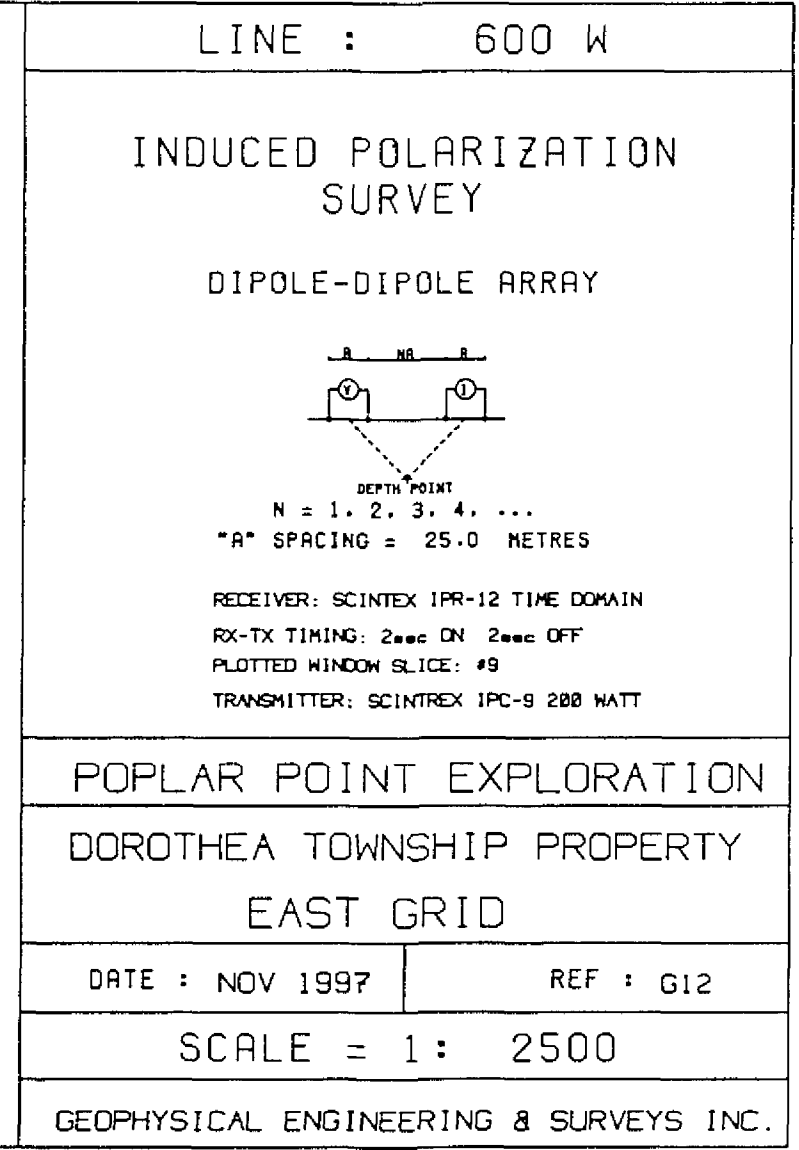
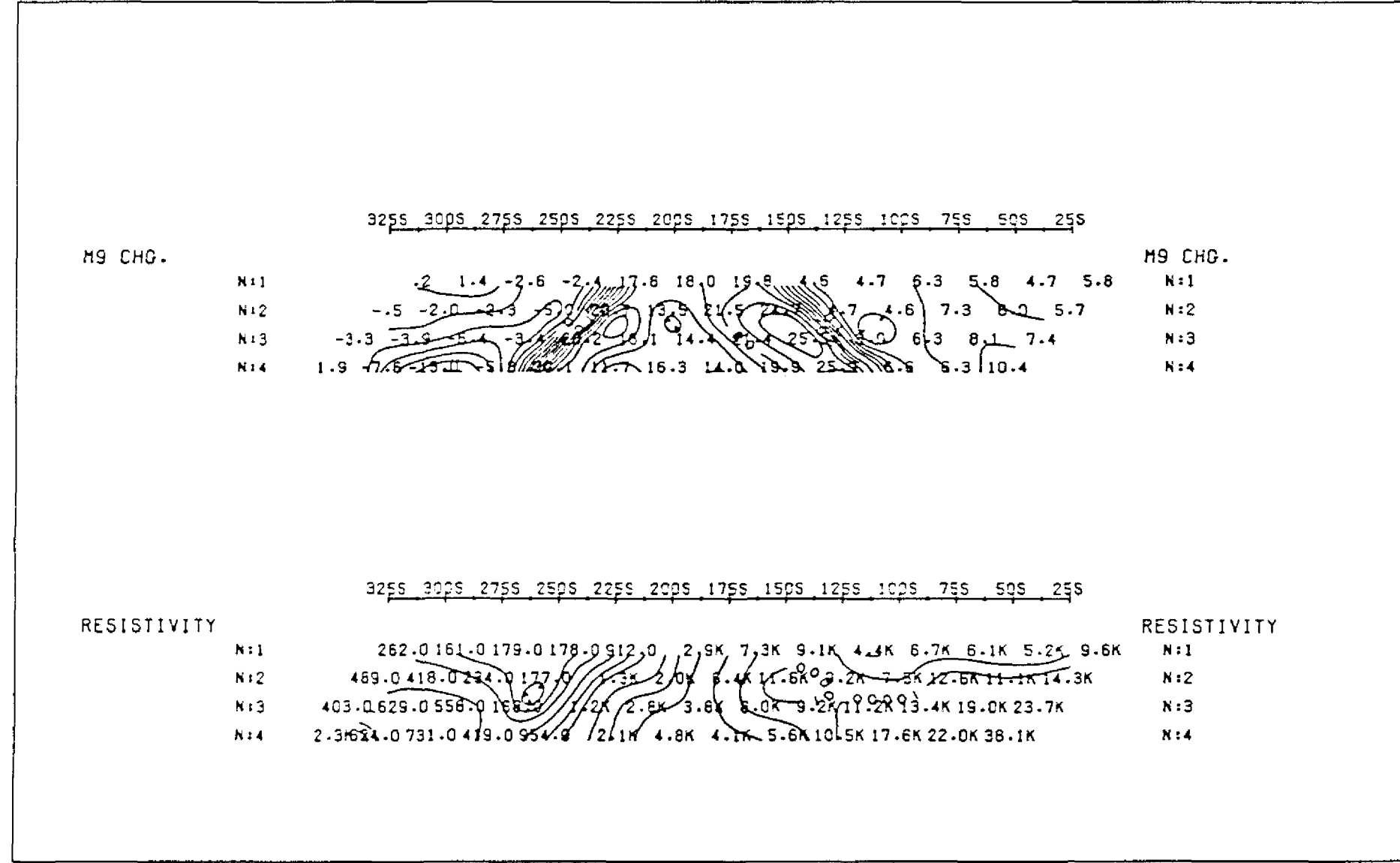
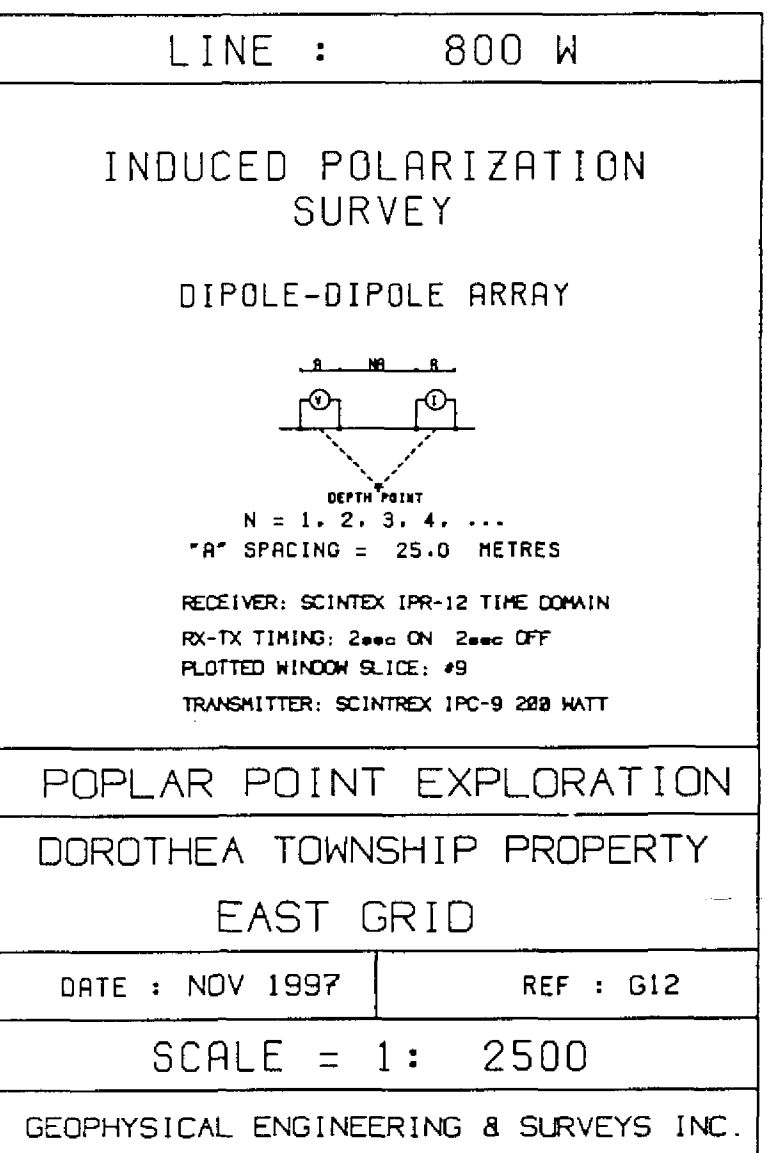
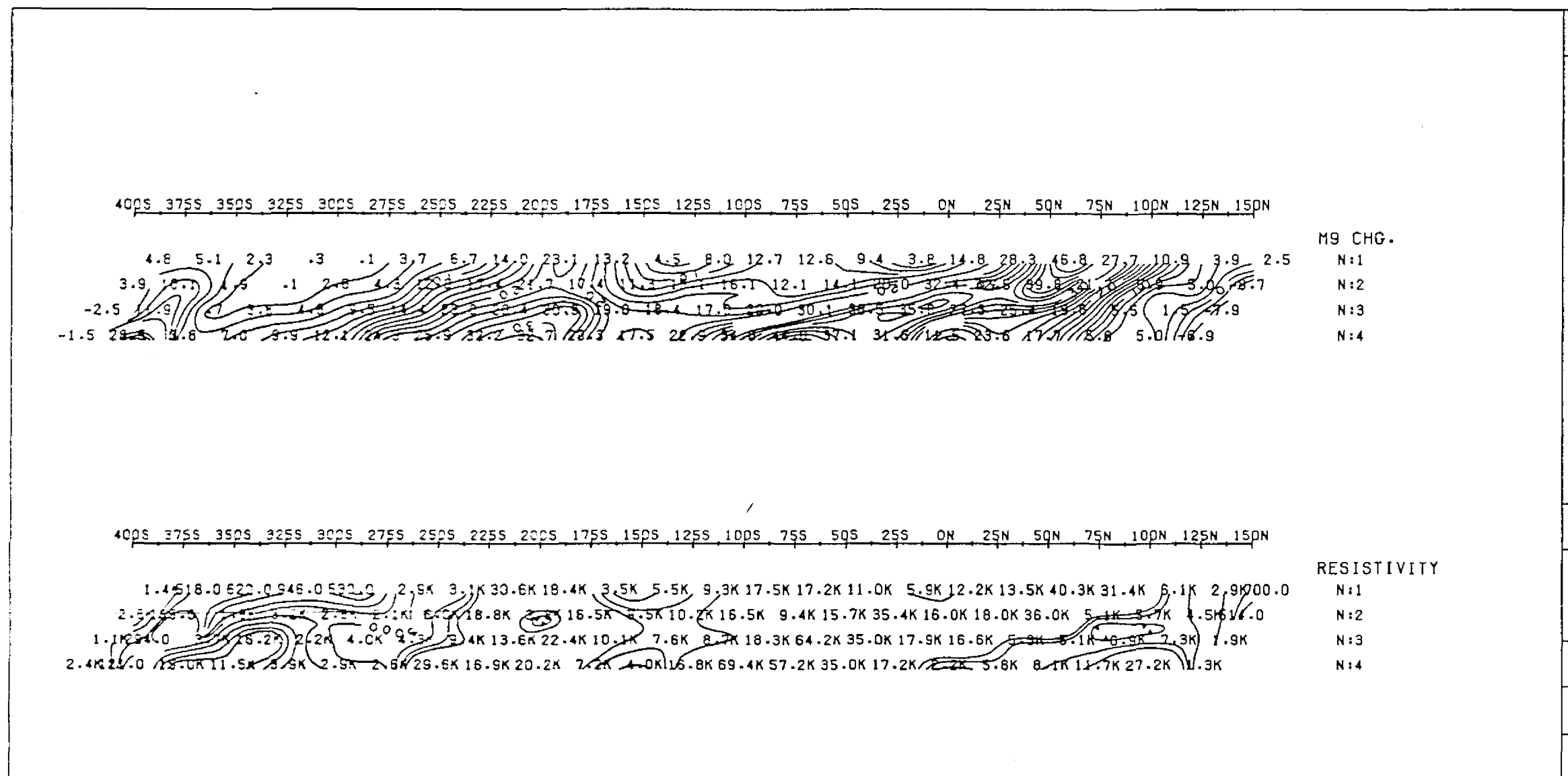


PLATE 12

NOTE: ALL PSEUDOSECTIONS ARE ON CLAIM 1195672

PLATE 11

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