



52H04SW8189 2.10946 ORBIT LAKE

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GEOLOGICAL REPORT
ON THE
LAC DES ISLES PROPERTIES
THUNDER BAY MINING DISTRICT
FOR
IMPERIAL PLATINUM CORPORATION

by

A.C.A. HOWE INTERNATIONAL LIMITED

Petras Eitutis, Geologist
and
Ron Zinn, Project Geologist

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MINING LANDS SECTION

N.T.S.: 54H/4 and 52A/13

Claim Maps: G-2508, G-739, G-748, G-758 and G-2512

Lat. 48°58'N to 49°12'N; Long. 89°32'W to 89°46'W

REPORT No. 557
January 18, 1988
Toronto, Ontario



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SUMMARY

Imperial Platinum Corporation holds a total of 192 claims consisting of five blocks of unpatented mining claims in the Lac Des Iles area. The property is located approximately 80 km NNW of Thunder Bay, Ontario in the Thunder Bay Mining District and is centered at 49°07'N and 89°39'W (NTS 54H/4, 52A/13). The 192 claims are divided into the following five blocks:

Demars Lake	- 48 claims
Lac Des Iles East grid	- 49 claims
Lac Des Iles West grid	- 67 claims
Riviere Des Iles	- 16 claims
South Angle Arm	- 12 claims

The claims cover the periphery of the Lac des Iles mafic to ultramafic complex containing an orthomagmatic class platinum deposit. This complex is the largest of over 20 such mafic to ultramafic plutons, and contains the Boston Bay Mines deposit which is estimated to contain 22.5 million tonnes of palladium and platinum mineralization with an average grade of 6.25 grams per tonne Platinum Group Elements (PGE), with a platinum:palladium ratio of 1:7.

Geological mapping and geophysical surveys conducted by A.C.A. Howe International Limited, resulted in no significant mineralization on the areas mapped, however the Southeast Angle Bay property did show significant background values to justify a more detailed mapping of this claim group. Areas which were not mapped but do show magnetic anomalies should also be examined in more detail.

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1.0 INTRODUCTION

The following report summarizes the results of field work carried out on Imperial Platinum Corporation's Lac Des Iles properties from August 1987 to January 1988.

The authors of the report are Petras Eitutis and Ron Zinn, Geologists with A.C.A. Howe International Ltd., who assisted in the geological mapping surveys in the field, on behalf of Imperial Platinum Corporation. Mr. Ron Zinn was the Project Geologist for the Imperial Platinum Corporation programme. Assistance in the field work was provided by Mark Foerster, Wanda Neely and Kelly Parke. The geophysical surveys were conducted by Jeff Bisson, Brian Erickson, Gerry Lafortune and Peter Peschke.

The history and results of field work completed to date were obtained from assessment records filed with the Ontario Ministry of Northern Development and Mines, Toronto. A.C.A. Howe International Ltd. unpublished reports and research literature were also reviewed.

2.0 PROPERTY LOCATION, ACCESS AND TENURE

The five Lac des Iles properties are located approximately 80 km NNW of Thunder Bay, Ontario in the Thunder Bay Mining District centered at 49°07'N and 89°39'W (N.T.S. 54H/4 and 52°/13) (Fig. 1). Each of the five properties are wholly owned by Imperial Platinum Corporation and consist of a total of 192 non-patented mining claims. As summarized in table 1, these claims were recorded on May 28, 1986 and are presently under extension until January 29, 1988.

Access to the Lac des Iles West, Lac des Iles East, and the South Angle Arm properties are readily available by travelling on Highway 17 to Linko and then northeast on the Great Lakes Pulp and Paper Company logging roads in the Dog River area. The first property entered will be the Lake des Iles West grid. An alternate route from Thunder Bay is also possible by travelling 60 km north along Highway 527 and then commencing 10 km west along the new Madeline Mine road. This road enters the northwestern portion of the South Angle Arm grid.

The Demars Lake and the Riviere des Iles properties can be reached by helicopter from the Great Lakes Pulp and Paper Company logging road in the Dog River area.

General labour, food, fuel and supplies can be readily obtained in Thunder Bay, a city with a population of 120,000. As well, this city is an important railway centre, shipping port, and has a large airport.

TABLE 1

LIST OF LAC DES ILES PROPERTIES

PROPERTY	CLAIM NUMBERS	NUMBER OF CLAIMS	RECORDING DATE
DEMARS LAKE	TB910004-910006 910022-910046 910167-910186	48	May 28, 1986
LAC DES ILES EAST	TB909928-909943 910007-910021 910047-910064	49	May 28, 1986
LAC DES ILES WEST	TB909887-909903 909927 909947-909958 909967-910003	67	May 28, 1986
RIVIERE DES ILES	TB909959-909966 910127-910134	16	May 28, 1986
SOUTH ANGLE ARM	TB909913-909916 909918-909925	12	May 28, 1986

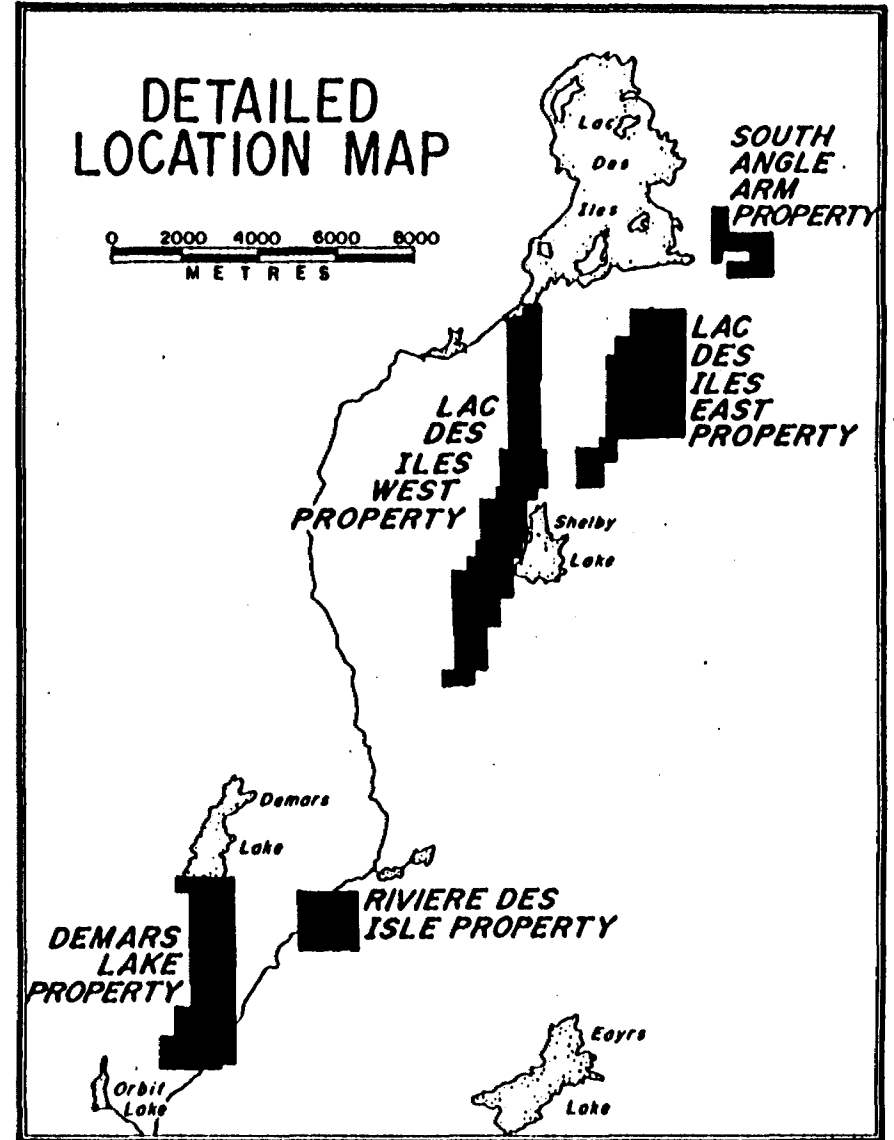
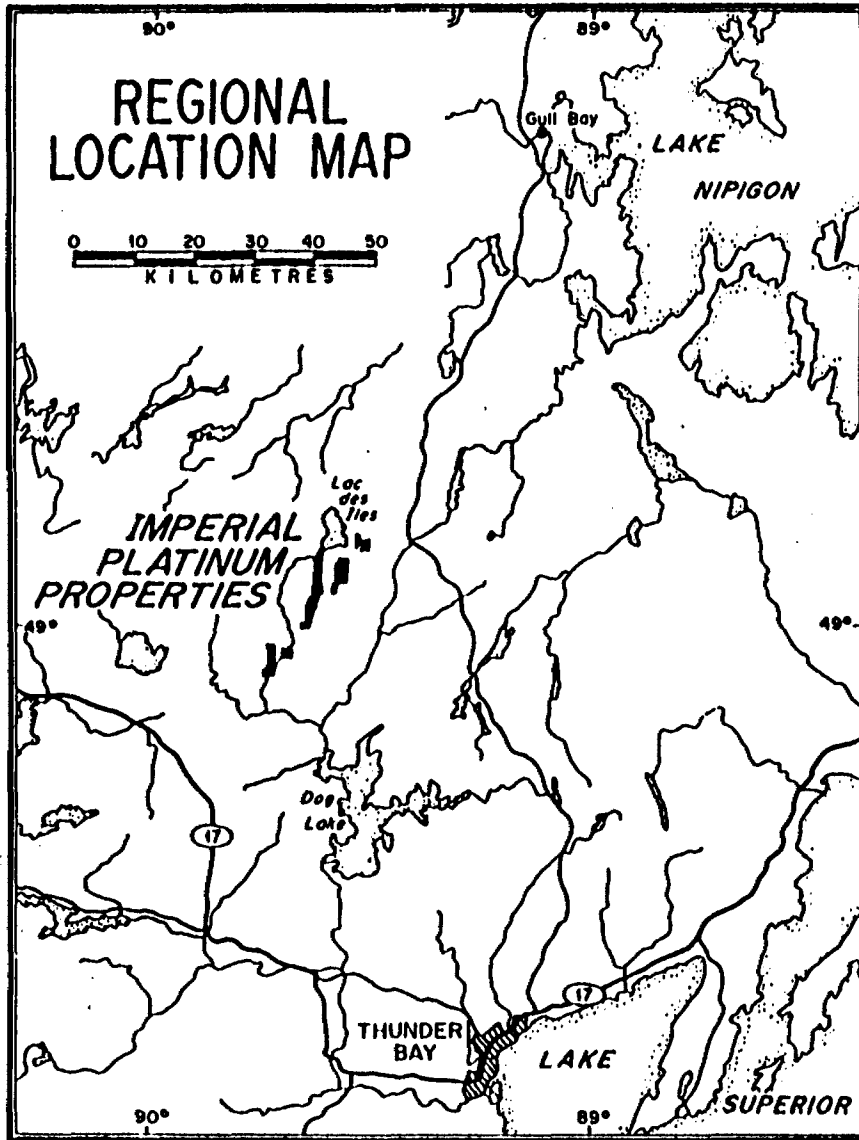
3.0 PHYSIOGRAPHY, CLIMATE AND RESOURCES

The topography of the Lac des Iles area varies from a fairly flat relief in some localities to a more rugged nature in other areas. The land surface as a whole slopes gradually toward the east (Pye, 1968). The Imperial Platinum Corporation group of claims are situated on gentle topography with an elevation ranging between 440 m and 520 m above sea level. Outcrops comprise about 5% of the properties area with the remainder of the area being covered by glacial deposits and lakes.

The climate is typical of Northern Ontario with long winters and short summers. The average mean daily temperature is usually in the range of 12°-14°c with winter temperatures as low as -40°c and summer temperatures as high as 30°c.

The area is well forested with a mixture of spruce, balsam, jackpine, poplar and birch. Good timber stands exist and at present are being harvested by Great Lakes Pulp and Paper Company. The lakes contain abundant pike and pickerel, and the area is populated by moose, bear, beaver, and partridge.

Figure 1: Location Map



4.0 PREVIOUS WORK

The area was initially mapped in 1933 by F. Jolliffe of the Geological Survey of Canada. The first recorded exploration work was performed in 1958 by F.H. Jowsey Ltd. (Pye, 1968).

In 1963, copper-nickel sulphide mineralization was discovered south of Lac des Iles. Gunnex Ltd. acquired a large claim block over the area and conducted extensive surface exploration surveys and diamond drilling (Pye, 1968). Since that time the area has had sporadic exploration for base metals with most of the interest occurring on the Gunnex Ltd. property.

During 1966 Anaconda American Brass Ltd. conducted a diamond drilling program, and in 1967 the Canadian Nickel Company Ltd. drilled three holes in the northern part of Lac des Iles (Sutcliffe and Sweeny, 1985).

In 1970, an airborne electromagnetic survey was done over the area covering what now includes the Demars Lake, Riviere des Iles and the Lac des Iles West properties of Imperial Platinum Corporation (Poulsen, 1970). Also during that same year ground VLF and Magnetometer surveys were done over what is now part of the Lac des Iles West grid (Oja, 1970a, 1970b).

In 1973, the Gunnex property was restaked and in 1974 it was optioned to Boston Bay Mines Ltd.. This property contained what is known as the Roby zone.

In 1975 Texas Gulf Canada Ltd. optioned the property from Boston Bay Mines Ltd. and Barringer Research Ltd. conducted a combined magnetic and radiometric survey covering most of what is now the Lac des Iles East property, the central portion of the Lac des Iles West property, and the Northern portion of the Demars Lake property (Jagodits, 1975). A ground HEM survey was also conducted over what is now the central part of the Lac des Iles

West property (Sheridan, 1975). The Texas Gulf Canada Ltd. option lapsed in 1976 and no further work was done until Madeline Mines Limited optioned the property from Boston Bay Mines Ltd. in June 1986.

The Madeline Mines Roby zone is reported to have 22.5 million tonnes of platinum and palladium mineralization with an average grade of 6.25 grams per tonne PGE and a platinum:palladium ratio of 1:7. Recent geological mapping has indicated that the Pt and Pd mineralization is not restricted to the Roby zone suggesting that other intrusions in the vicinity have a potential for PGE mineralization (Goldie, 1987).

In late 1986 geological and geophysical surveys were completed by American Platinum Inc. on property joining the western boundary of the South Angle Arm grid. Values of 0.11 oz/ton (3.78 g/t) and 0.17 oz/ton (5.75 g/t) PGE from host rocks similar to those of the Roby zone and with the same Pt:Pd ratios were recorded (Saunders and Spencer, 1986).

5.0 PRESENT WORK

The 1987-88 exploration program on the five Lac des Iles claim groups consisted of linecutting, geological mapping, rock chip sampling, and geophysics (magnetometer and CRONE VLF). These properties were all mapped and prospected at a 1:2500 scale utilizing a cut and chained grid with a 100 meter line spacing and 25 meter stations. The lack of experienced line cutting crews resulted in delayed geophysical surveys and only a partial geological mapping of the claims. As well, uncertain ice conditions and the shutdown of the Annapolis VLF transmitter caused further delay in the completion of this program.

All the grids and geophysical surveys were completed during January 1988. The geological mapping program is in various stages of completion, and was dependent on the amount of line cut before snowfall made mapping unfeasible. Of the geological mapping, all of the South Angle Arm group is complete. On the Demars Lake grid all claims except for the southeast and southwest claims of the southern boundary, TB910004, 910005, 910178, 910181, 910182, 910185, and 910186 have been geologically mapped. The geology on the Lac des Iles East grid is complete from the northern boundary to line 16 south. The Lac des Iles West grid also has geological mapping completed from the northern boundary of the claim group to line 36 south. The Riviere des Iles grid does not have complete coverage of claims TB910131, 910132, 910133, and 910134 due to an incomplete grid being cut.

A total of one hundred and six grab samples were assayed for platinum, palladium and gold throughout the grids.

6.0 GEOLOGY

6.1 General Geology

All five Imperial Platinum Corporation properties are within an east-north-east trending linear zone which extends for over 200 km from Atikokan Ontario, to Lake Nipigon (Fig. 2). This zone within the Wabigoon subprovince has over 20 mafic to ultramafic plutons and approximately parallels the boundary between the Quetico and Wabigoon subprovinces, two major subdivisions of the Superior province (Sutcliffe, 1986).

The Lac des Iles complex is the largest of these mafic to ultramafic plutons. This complex has an upright conical shape forming a circular structure approximately 30 km in diameter, and is composed of several mafic to ultramafic intrusions (Sutcliffe, 1986). The intrusions are late tectonic and intrude granitoid host rocks. They are tholeiitic, and contain phases ranging from ultramafic peridotitic and pyroxenitic cumulates to magnesian gabbro and iron-rich gabbro. Marginal zones rich in hornblende occur around the perimeter of some intrusions and are interpreted to be due to contamination of mafic magma by a granitoid component (Sutcliffe, 1986).

The Lac des Iles complex consists of an ultramafic intrusion centered in Lac des Iles, and a gabbroic intrusion south of the lake. These rocks have not been significantly deformed or metamorphosed and intrude older gneissic tonalite. Younger granitic phases locally intrude the complex. The gabbroic rocks contain the most important zones of palladium-platinum, mineralization found so far in the area, but, PGE occurrences have also been found in the ultramafic part of the complex (Sutcliffe and Sweeny, 1986).

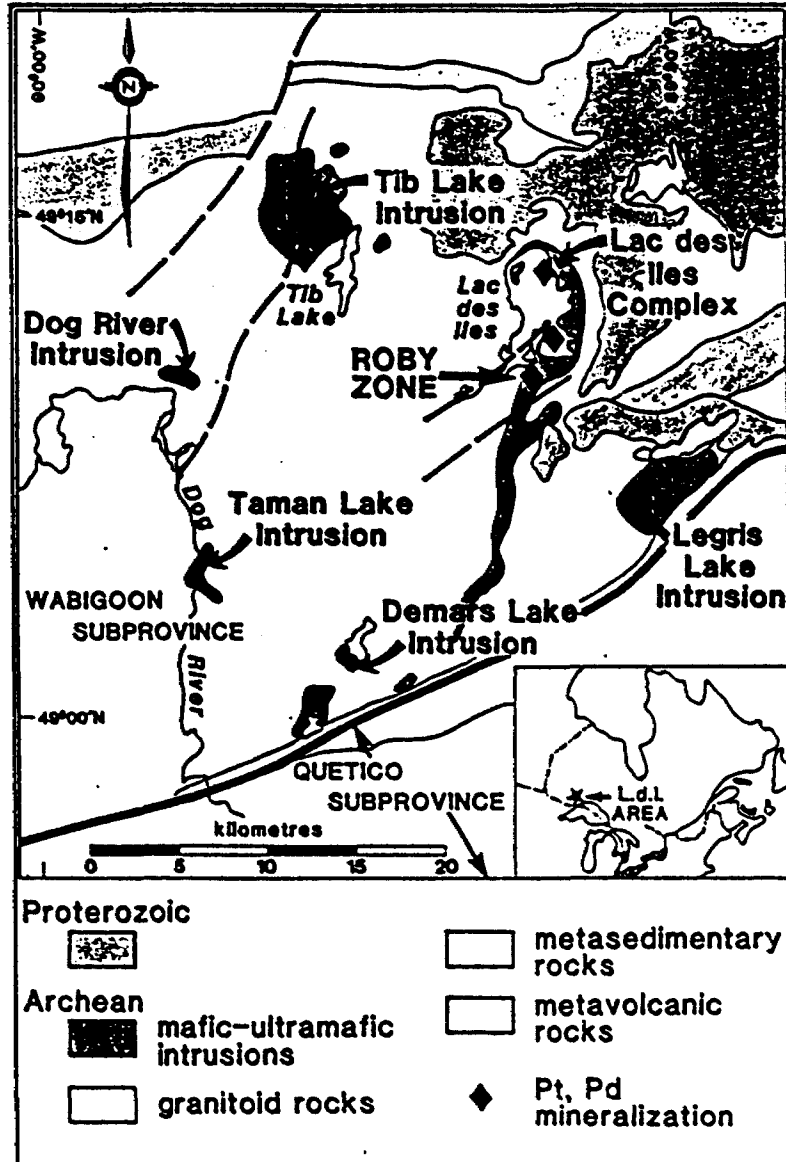


Figure 2: Lac des Iles Geology

Generalized Geological map of the Lac des Iles area showing the location and names of mafic to ultramafic intrusions from OGS MAP P.963 (after Sutcliffe, 1986).

The Demars Lake intrusion is a small elliptical plug, approximately 1 km wide, situated on the southwestern shore of Demars Lake. The body intrudes into a gneissic tonalite and consists of an ultramafic core of medium grained websterite, with a marginal zone of hornblende gabbro and hornblende pyroxenite (Sutcliffe, 1986).

The rocks between the Lac des Iles complex and the Demars Lake intrusion cause a pronounced aeromagnetic high extending southwest of Lac des Iles. Most of this magnetic anomaly is underlain by dioritic rocks. The hornblende gabbro phase of the Lac des Iles complex mapped by Sutcliffe and Sweeny (1986) grades, south of Hasson Lake, into hornblende diorite to quartz diorite with less than 35% ferromagnesian minerals. The dioritic rocks intrude gneissic biotite tonalite on the northwestern side of the structure and grade into biotite-hornblende quartz diorite and tonalite on the southeastern side (Sutcliffe, 1986).

6.2 Property Geology

The Demars Lake property is dominated by paragneiss to the northeastern section, grading to a biotite gneiss toward the western portion of the claim group. The gneiss is fine to medium grained and only shows a weak segregation of the mafic materials. Small areas of outcrop show a strong lineation of the biotites, but this is restricted to the northern portion of the property. The northwest boundary is composed of a large steep outcrop of medium grained pink granite. The central portion is composed of granitic gneiss to the west and swamps toward the east. Just south of the first swamp is a low ridge which is composed of granodiorite on the northern flank. The southern flank is composed of metasediments with areas of up to 5% sulphides. The metasediments are striking in a northeasterly direction and dipping at approximately 60° to the south. The southern portion of this property has two ridges of metasediments in the most southerly portion and a north-south diabase ridge. The remainder of the claim group is covered by swamps.

The Lac des Iles East property was only geologically mapped along the northern portion of the claim group. The northeastern section is predominantly a biotite rich granitic gneiss, grading to a pink granite toward the eastern shore of Mckenan Lake at the western boundary. The northwestern corner of this claim group was composed of a medium to coarse grained gabbro ridge. This gabbro seemed to become finer grained at the base of the ridge, and small areas of the dark green gabbro had blebs of disseminated sulphides. A number of diorite outcrops were also located at the southern portion of Mckenan Lake, and occurred eastward to the eastern claim boundary.

Only the northern portion of the Lac des Iles West grid was geologically mapped. The area is composed mostly of a pink to grey granite and granitic gneiss. A mafic dike cuts the central eastern portion of the mapped area. Numerous swamps are also observed throughout the central and southern portion of the mapped area.

The Riviere des Iles property is composed of a large medium to coarse grained green to black gabbro. The northwest boundary has a small outcrop of grey granitic gneiss to the west of a small lake. The central portion of the property is flat and extensively swamp covered with areas of mature pine forest. The southern portion is composed of metasediments and an east-west trending phyllite ridge. A small granitic ridge is encountered at the western boundary.

The South Angle Arm property is mostly composed of grey granite and biotite granite. The eastern portion is composed of a dark green gabbro. The central portion includes a granitic ridge. A sample from this ridge returned values of 338 ppb palladium and 29 ppb platinum.

6.3 ECONOMIC GEOLOGY

The main model used for platinum exploration in the Lac des Iles area is that of the Roby Zone. The gabbroic portion of the complex has been subdivided into an eastern gabbro and a western gabbro, interpreted as separate intrusive phases. The eastern gabbro consists of medium grained leucogabbro to gabbro with uralitic alteration to clinopyroxene. This phase is weakly layered due to the development of pyroxene rich horizons and locally has an igneous lamination. The western gabbro is predominantly a gabbronorite (Sweeny and Sutcliffe, 1986).

The mineralization occurs along the contact of the gabbronorite phase (western gabbro) and the evolved iron-and volatile-rich gabbro phases (eastern gabbro). This 60 m to 300 m wide magma mixing zone is heterogeneous and has units of coarse-grained to pegmatitic gabbro and gabbro breccia. The PGE are associated with disseminated and net-textured copper-nickel sulphides, as well as sulphide-bearing pegmatitic gabbro and gabbro breccias (Sweeny and Sutcliffe, 1986). However, the grade of PGE mineralization is relatively independent of the concentration of sulphide mineralization, which may be less than 1% of the rock (Sutcliffe, 1986).

The Demars Lake intrusion also has PGE associated with minor sulphide mineralization in websterite to gabbronorite (Sutcliffe, 1986).

In summary, the key geological features associated with the potential for PGE in this area are: The identification of zones of magma mixing, the presence of coarse-grained or pegmatitic rocks, and an association with disseminated and net-textured sulphides (Sutcliffe, 1986).

7.0 GEOPHYSICS (Magnetometer and VLF-EM Maps - back pocket)

7.1 Magnetics

In general, the results from the Barringer Proton Magnetometer survey can be related to the surface geology. An overall low of less than 1000 gammas corresponds to the granitic rocks. Metasediments and metavolcanics can vary greatly with higher magnetic trends corresponding to gabbroic intrusions.

Contacts between the gabbro and surrounding gneissic rocks or metavolcanics and metasediments were interpreted from the magnetic gradients between domains.

7.1.1 DEMARS LAKE GROUP

The Demars Lake group exhibits two distinct magnetic regimes reflecting the bedrock change from metasedimentary paragneiss to diorite in the north, and a volcanosedimentary package in the south. The implied contact is at approximately line 28 south. The northern section shows a north trending pattern with a low trough from the north west corner to the south west shore of the lake at line 13 south. Northeast of the trough are north striking metasedimentary paragneisses whose magnetic pattern is probably due to segregation of ferromagnesian minerals. Southwest of the trough is the east flank of a hornblende diorite body whose magnetic pattern is probably due to magnetic iron sulphide and oxides zones within the intrusion.

This southern metasedimentary regime shows a northeast magnetic trend which is generally flat except for diabase dykes and an iron formation both of which are topographic highs. This location has some potential for gold mineralization, especially where the iron formation appears to be sheared at line 43 south along the baseline.

7.1.2 LAC DES ILES EAST GROUP

The magnetic survey indicates three distinct magnetic regimes in the Lac des Iles East group. These are generally north of line 10 south, from line 10 south to line 31 south, and south of line 31 south.

The northern regime is flat except for several spot anomalies of about 500 gammas. This is what one would expect from a granite to granite gneiss. The extreme north west corner of the claim group covers the edge of the main Lac des Iles intrusion and shows up as an isolated magnetic high on our map.

The central area is a zone of elevated and highly disturbed magnetic response. Two features stand out within this area. The first is interpreted to be the contact between the gabbro and the late stage diabase. It runs from line 32 south, 7+50 west to line 17 south, 5+00 east. The second feature, a zone of relative quiet within the magnetic high runs from line 16 south, 13+00 west to line 18 south, 3+00 east, and is about 150 to 200 meters wide. While no outcrop was mapped in this area it is considered to be a possible zone of late stage magma mixing where most of the magnetic minerals have already settled out. It could also be a pegmatitic gabbro. Both possibilities are targets for PGE exploration. The southern portion of the claim group is apparently underlain by granite and granite gneiss. The magnetic response of this area agrees with this interpretation.

7.1.3 LAC DES ILES WEST GROUP

The magnetic survey indicates one area of interest being the southern corner of sheet 2 and the east margin of the property on sheet 3. The magnetic high is interpreted to be the fringe of the serpentized olivine gabbro. The strong magnetic high on line 47 south to 50 south may be due to pyrrhotite or magnetite formed during serpentization.

The magnetic high on the north east corner of the first and second sheet is mapped as a diabase dyke.

The rest of the property exhibits the type of response expected from granite gneiss and metasedimentary paragneiss.

7.1.4 RIVIERE DES ILES GROUP

The magnetic survey was successful in delineating the various lithologies all of which trend northeast. From the northwest to the southeast of the claim group, the low magnetic readings corresponds to granite. The +1000 gamma high magnetometer reading corresponds to the gabbro intrusive, the following low reading to the granite. The extreme high corresponds to the volcanosedimentary package.

The +10,000 gamma relative high magnetometer reading probably represents magnetite in the volcanics, and the other magnetic high in the southeast corner may reflect a lean iron formation in the metasediments.

7.1.5 SOUTH ANGLE ARM GROUP

Here the magnetic survey was successful in delineating the underlying lithologies. The magnetic high on the west edge of the property represents the peridotite serpentine gabbro body whereas the broad low over the rest of the property represents

granite and granite gneiss. The rare spot highs may represent segregated mafic minerals or small gabbroic intrusions within the granitic rocks.

7.2 VLF-EM

The results of the Crone Radem VLF-EM survey seem to reflect conductive overburden and areas of swamp rather than specific contacts. In the Riviere des Iles group this could be due to poor coupling with the VLF station.

7.2.1. DEMARS LAKE GROUP

The Demars Lake group exhibited a relatively flat VLF reading. Flat crossovers were apparent along the centre of the large lake from line 9 south to line 13 south and then continued along to line 17 south at 4+00 east. This is probably due to conductive overburden and topographic features. Weak crossovers corresponding to swamp locations were also observed along the baseline from line 20 south to line 24 south, and from the baseline to 2+00 east on lines 45 south to 49 south.

7.2.2 LAC DES ILES EAST GROUP

In general the VLF response was again quite flat throughout the property. There seemed to be very little correlation with the magnetometer readings, and any observed crossovers seemed to correspond to the location of swamps and lake edges. Weak crossovers were recorded from lines 2 south to 4 south at approximately 3+00 west, lines 0 to 3 south at 45+00 east, and lines 14 south to 16 south at 1+00 east. These crossovers are interpreted to be due to conductive overburden. Lines 19 south to 20 south at 4+00 west, and lines 24 south to 26 south at 6+00 west seem to be related to magnetometer readings of approximately +1000 gamma, and could be related to the diabase.

7.2.3 LAC DES ILES WEST GROUP

The VLF was again observed to be relatively flat and seemed to follow topographic features. This is especially apparent from line 18 south to 31 south, and line 38 south to line 44 south. Both of these areas are along a lake shore. The second lake has a swampy area at the southeast shore. The VLF crossovers follow a swamp from lines 7 south to 10 south at 4+00 east to 6+00 east, and line 13 south to line 14 south at 5+00 east.

7.2.4 SOUTH ANGLE ARM GROUP

The VLF results show a slight crossover on line 11 north to 13 north at 1+00 west, and at the northern shore of the west lake located at lines 6 north to 7 north. Both locations are associated with swampy areas, and the readings are interpreted as being due to conductive overburden. A third area associated with swamp is also located on lines 3 north to 0, at the base line to 1+00 west.

7.2.5 RIVIERE DES ILES

This group also seemed to have no correlation between the magnetic readings and the VLF values recorded. The magnetometer results show that the rock units were heading in a northeasterly direction. Since the grid was cut in a northsouth direction, poor coupling with the VLF station could have resulted in the relatively flat readings observed.

8.0 CONCLUSIONS AND RECOMMENDATIONS

The geological and geophysical surveys were successful in outlining areas of interest on the five claim groups. While the VLF response was less than exciting, it must be remembered that the targets being explored for do not have a great VLF response, and that in this case the primary purpose of the VLF survey was to outline structural features. The magnetometer survey correlated well with the geology that was mapped during the field season and the geological maps published by the Ontario government.

The Demars Lake group showed one target of interest in the southern portion of the claim group. This area was interpreted as being an iron formation within the metasediments. From the magnetometer contours a possible shear could be associated with this area.

The Lac des Iles East group had an area of interest in the central region which was interpreted from the highly disturbed magnetometer readings to be a possible area of magma mixing. This could be an important environment for the PGE's to concentrate in.

The Lac des Iles West group also had one area of interest interpreted from the magnetometer survey. This magnetic high is in the southeast corner of sheet 2 covering the eastern margin of the property. It is interpreted to be a serpentinized olivine gabbro, and therefore a PGE target.

The Riviere des Iles group showed a magnetic high in the southeastern portion of the claim group. This was interpreted as being an iron formation in the metasediments and could be an important area for gold mineralization.

The South Angle Arm group seems to include part of the peridotite serpentine gabbro on the western portion. Just within the granitic gneiss contact the highest values of 338 ppb Pd and 29 ppb Pt were recorded. This could be of some interest since the adjoining property was recorded to have high values of PGE.

These areas of interest are to be investigated and mapped if only a geophysical survey was done. If the area has been mapped, then an extensive sampling program should be implemented.

CERTIFICATE

I, Petras Eitutis, of Toronto, in the Province of Ontario, certify as follows with respect to my report described below.

Geological Report
On The
Lac des Iles Properties
Thunder Bay Mining District
For
Imperial Platinum Corporation
by
A.C.A. Howe International Limited

1. I am a geologist residing at 26 Caroline Avenue, Toronto, Ontario, M4M 2X7.
2. I graduated from the University of Windsor, Windsor, Ontario in 1984 with a B.A.Sc. in Geological Engineering.
3. I have worked as a geologist since April, 1985.
4. The accompanying report is based on: field data compiled during 1987, published information available from the Ontario Ministry of Northern Development and Mines and an unpublished report by A.J. Willy for Imperial Platinum Corporation.
5. I have no interest, nor do I expect to receive any, either direct or indirect, in either the properties or securities of Imperial Platinum Corporation.

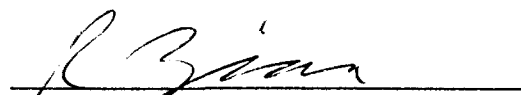


Petras Eitutis

CERTIFICATE

I, Ronald Allan Zinn, of 715 Don Mills Road, Don Mills, Ontario hereby certify that:

1. I have been employed since March 1987 as a geologist at A.C.A. Howe International Ltd., Mining and Geological Consultants with offices at Suite 400, 199 Bay Street, Toronto, Ontario, M5J 1L4.
2. I am a graduate from the University of Waterloo, Waterloo, Ontario, with a Bachelor of Science (1978) degree in Earth Sciences.
3. I have practiced my profession since graduation in the field of Mineral Exploration for base, precious and industrial minerals and precious gems in Canada, Alaska and Greenland.
4. This report is based on data observed in the field and consultation with other personnel involved, published information available from the Ontario Ministry of Northern Development and Mines and an unpublished report by A.J. Willy for Imperial Platinum Corporation.
5. I have no interest, nor do I expect to receive any, either direct or indirect, in either the properties or securities of Imperial Platinum Corporation.



Ron Zinn, B.Sc.
June 2. 1971

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RIVIERE DES ILES - line cutting, geophysics, and geology

TB909959 /	TB910127
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RIVIERE DES ILES - line cutting, geophysics, and geology

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SOUTHEAST ANGLE BAY - line cutting, geophysics, and geology

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SOUTHEAST ANGLE BAY - line cutting, geophysics, and geology

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- NO GEOLOGY GOES ON THESE CLAIMS

LAC DES ILES WEST - line cutting and geophysics

TB909887	TB909927	TB909967
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909889	TB909947	909969
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909894	909952	909974
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20 Nov.

LAC DES ILES WEST - geology

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S.M. Mag.
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- NO GEOLOGY GOES ON THESE CLAIMS

LAC DES ILES WEST - line cutting and geophysics

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20 Nov.

LAC DES ILES WEST - geology

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Ministry of Northern Development and Mines

Report of Work

Ontario Geological, Geological, and Expenditure

DOCUMENT No. W8804-31

Mining Act

Instructions: - Please type or print: - If number of mining claims traversed exceeds space on this form, attach a list. Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns. - Do not use shaded areas below.

Geological G-2508, Magnetometer G-748, LAKE G-2508

Form header section containing: Type of Survey (GEOLOGICAL, GEOPHYSICAL (MAG + VLF EM) 2.10946), Township or Area (LAC DES ILES G 2512, G 2508), Company Name (IMPERIAL PLATINUM CORPORATION), Address (199 BAY ST., SUITE 400, TORONTO, ONTARIO M5J 1L4), Survey Company (A.C.A. HOWE INTERNATIONAL LIMITED), Date of Survey (06/87 to 01/88), Total Miles of line (69 km).

Table with 3 columns: Special Provisions, Geophysical, Days per Claim. Rows include: For first survey (20 days), For each additional survey (20 days), Complete reverse side (blank), and Note: Special provisions do not apply to airborne surveys.

Table with 4 columns: Mining Claim Prefix, Mining Claim Number, Expend. Days Cr., Mining Claim Prefix, Mining Claim Number, Expend. Days Cr. Content includes: SEE ATTACHED SHEET and a large shaded area.

Expenditures (excludes power stripping) section. Includes: Type of Work Performed, Performed on Claim(s), Calculation of Expenditure Days Credits (S ÷ 15 =), and Instructions.

Date: Jan 18/88, Recorded Holder or Agent (Signature): Peter Eitjus

For Office Use Only section. Includes: Total Days Cr. Recorded (3840), Date Recorded (Jan 21/88), Mining Recorder (Catherine J. Oldham), Branch Director (See Revised Statement).

Certification Verifying Report of Work. I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto... Name and Postal Address of Person Certifying: PETER G. EITJUS, 26 CAROLINE AVE., TORONTO, ONTARIO. Date Certified: Jan 18/88. Certified by (Signature): Peter Eitjus.

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Total number of mining claims covered by this report of work. 48

DEMARS LAKE - geology

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DEMARS LAKE - line cutting and geophysics

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DEMARS LAKE - geology

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DEMARS LAKE - line cutting and geophysics

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LAC DES ILES EAST - line cutting and geophysics

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909931	910010	910050
909932	910011	910051
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LAC DES ILES EAST - geology

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LAC DES ILES EAST - line cutting and geophysics

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LAC DES ILES EAST - geology

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GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS - If more than one survey, specify data for each type of survey

Number of Stations MAG VLF Number of Readings MAG VLF
Station interval 25 meter Line spacing 100 meter
Profile scale VLF 1cm = 20%
Contour interval MAGNETICS : 100 nT and 1000 nT

MAGNETIC

Instrument EDI MAG
Accuracy - Scale constant +/- 1 nT
Diurnal correction method BASELINE CHECK-IN
Base Station check-in interval (hours) 1 hr
Base Station location and value N/A

ELECTROMAGNETIC

Instrument CRONE RADEM VLF-EM RECEIVER
Coil configuration ONE COIL
Coil separation N/A
Accuracy DIP ANGLE +/- 1/2 degree FIELD STRENGTH +/- 2%
Method: [] Fixed transmitter [] Shoot back [] In line [] Parallel line
Frequency ANAPOLIS, MARYLAND (21.4 KHZ)
Parameters measured DIP ANGLE and FIELD STRENGTH

GRAVITY

Instrument
Scale constant
Corrections made
Base station value and location
Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument
Method [] Time Domain [] Frequency Domain
Parameters - On time Frequency
- Off time Range
- Delay time
- Integration time
Power
Electrode array
Electrode spacing
Type of electrode

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

Corrections made _____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth - include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

Additional information (for understanding results) _____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY - PROCEDURE RECORD

Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

Values expressed in: per cent
p. p. m.
p. p. b.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, -(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

RIVIERE DES ILES - line cutting, geophysics, and geology

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SOUTHEAST ANGLE BAY - line cutting, geophysics, and geology

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DEMARS LAKE - geology

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DEMARS LAKE - line cutting and geophysics

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LAC DES ILES EAST - line cutting and geophysics

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LAC DES ILES EAST - geology

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LAC DES ILES WEST - line cutting and geophysics

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LAC DES ILES WEST - geology

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Recorded Holder
Imperial Platinum Corporation

~~Township~~ or Area
Shelby Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological <u>20</u> days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	TB 909960 to 965 inclusive 910128 to 132 inclusive

Special credits under section 77 (16) for the following mining claims

<u>15 days</u>	<u>5 days</u>
TB 909959-66 910127	TB 910133

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

TB 910134

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Recorded Holder
Imperial Platinum Corporation

~~XXXXXX~~ Area
Shelby Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ 20 _____ days Magnetometer _____ 40 _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	TB 909960 to 965 inclusive 910128 to 130 inclusive

Special credits under section 77 (16) for the following mining claims

<u>15 days Electromagnetic</u> <u>30 days Magnetometer</u> TB 909959-66 910127	<u>10 days Electromagnetic</u> <u>20 days Magnetometer</u> TB 910131-32	<u>5 days Electromagnetic</u> <u>10 days Magnetometer</u> TB 910133-34
---	---	--

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Ontario

Ministry of Northern Development and Mines

Technical Assessment Work Credits

File 2.10946

Date April 8, 1988

Mining Recorder's Report of Work No. W8804-25

Recorded Holder	Imperial Platinum Corporation
Township or Area	Lac Des Iles Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ 20 _____ days Magnetometer _____ 40 _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ 20 _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	TB 909913-14-16 909918 to 925 inclusive

Special credits under section 77 (16) for the following mining claims

15 days Electromagnetic 30 days Magnetometer 15 days geological TB 909915
--

No credits have been allowed for the following mining claims

<input type="checkbox"/> not sufficiently covered by the survey	<input type="checkbox"/> insufficient technical data filed
---	--

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Ontario

Ministry of Northern Development and Mines

Technical Assessment Work Credits

File 2.10946

Date April 8, 1988

Mining Recorder's Report of Work No. W8804-28

Recorded Holder Imperial Platinum Corporation

Area Lac Des Iles Lake and Shelby Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic 20 days	TB 909887 to 889 inclusive 909891 to 903 inclusive 909927 909947 to 958 inclusive 909968 to 979 inclusive 909981-82 909984 to 997 inclusive 909999 to 910003 inclusive
Magnetometer 40 days	
Radiometric days	
Induced polarization days	
Other days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological days	
Geochemical days	
Man days <input type="checkbox"/> Airborne <input type="checkbox"/>	
Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/>	
<input type="checkbox"/> Credits have been reduced because of partial coverage of claims.	
<input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

5 days Electromagnetic 10 days Magnetometer	10 days Electromagnetic 20 days Magnetometer	15 days Electromagnetic 30 days Magnetometer
TB 909980	TB 909967-83	TB 909998

No credits have been allowed for the following mining claims

<input type="checkbox"/> not sufficiently covered by the survey	<input checked="" type="checkbox"/> insufficient technical data filed
TB 909890	

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Ontario

Ministry of Northern Development and Mines

Technical Assessment Work Credits

File 2.10946

Date April 8, 1988

Mining Recorder's Report of Work No. W8804-28

Recorded Holder
Imperial Platinum Corporation

~~XXXXXXXXXX~~ Area
Lac Des Iles Lake and Shelby Lake

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological <u>20</u> days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	TB 909968 to 978 inclusive 909981-82-84-85

Special credits under section 77 (16) for the following mining claims

<u>10 days</u>	<u>5 days</u>
TB 909967-83	TB 909980

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Recorded Holder
Imperial Platinum Corporation

XXXXXX for Area
Shelby, Senga, Orbit and Eayrs Lakes

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ 20 _____ days Magnetometer _____ 40 _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	TB 910004-05 910023 to 046 inclusive 910167 to 186 inclusive

Special credits under section 77 (16) for the following mining claims

5 days Electromagnetic
10 days Magnetometer

TB 910022

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

TB 910006

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Recorded Holder
Imperial Platinum Corporation

~~XXXXXX~~ Area
Shelby, Senga, Orbit and Eayrs Lakes

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological <u>20</u> days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	TB 910023 to 029 inclusive 910034 to 036 inclusive 910039 to 045 inclusive 910167 to 177 inclusive 910179

Special credits under section 77 (16) for the following mining claims

<u>10 days</u>	<u>30 days</u>
TB 910022-31-37-38 910183	TB 910032-33-46 910184

No credits have been allowed for the following mining claims

<input checked="" type="checkbox"/> not sufficiently covered by the survey	<input checked="" type="checkbox"/> insufficient technical data filed
TB 910030	TB 910186

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Recorded Holder
Imperial Platinum Corporation

~~XXXXXXXXXX~~ Area
Lac Des Iles

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological <u>20</u> days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	TB 909928 to 936 inclusive 909939 to 942 inclusive

Special credits under section 77 (16) for the following mining claims

<u>5 days</u> TB 909937	<u>10 days</u> TB 909938
----------------------------	-----------------------------

No credits have been allowed for the following mining claims

<input type="checkbox"/> not sufficiently covered by the survey	<input checked="" type="checkbox"/> insufficient technical data filed
TB 909943	

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Ontario

Ministry of Northern Development and Mines

Technical Assessment Work Credits

File 2.10946

Date April 8, 1988

Mining Recorder's Report of Work No. W8804-32

Recorded Holder
Imperial Platinum Corporation

~~XXXXXX~~ Area
Lac Des Iles

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic <u>20</u> days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	TB 909928 to 937 inclusive 909939 to 943 inclusive 910007 to 021 inclusive 910047 to 060 inclusive 910062 to 064 inclusive

Special credits under section 77 (16) for the following mining claims

<u>10 days</u>	<u>15 days</u>
TB 900938	TB 910061

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Recorded Holder Imperial Platinum Corporation
TOWNSHIP or Area Lac Des Iles

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer <u>40</u> days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	TB 909928 to 936 inclusive 909939 to 943 inclusive 910007 to 021 inclusive 910047 to 060 inclusive 910062 to 064 inclusive

Special credits under section 77 (16) for the following mining claims

<u>10 days</u>	<u>20 days</u>	<u>30 days</u>
TB 909937	TB 909938	TB 910061

No credits have been allowed for the following mining claims

<input type="checkbox"/> not sufficiently covered by the survey	<input type="checkbox"/> insufficient technical data filed
---	--

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Ministry of
Northern Development
and Mines

Ontario

Ministère du
Développement du Nord
et des Mines

April 25, 1988

Your File: W8804-23,25,28,
31,32

Our File: 2.10946

Mining Recorder
Ministry of Northern Development and Mines
435 James Street South
P.O. Box 5000
Thunder Bay, Ontario
P7C 5G6

Dear Madam:

RE: Notice of Intent dated April 8, 1988
Geophysical (Electromagnetic and Magnetometer) and
Geological Survey submitted on
Mining Claims TB 909887 et al in the Area of Shelby Lake

The assessment work credits, as listed with the above-mentioned
Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and so
indicate on your records.

Yours sincerely,

W.R. Cowan, Manager
Mining Lands Section
Mines and Minerals Division

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

SH:pl

Enclosure: Technical Assessment Work Credits

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Resident Geologist
Thunder Bay, Ontario

Imperial Platinum Corporation
199 Bay Street, Suite 400
Toronto, Ontario
M5J 1L4



Recorded Holder
Imperial Platinum Corporation

~~XXXXXX~~ Area
Shelby, Senga, Orbit and Eayrs Lakes

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological <u>20</u> days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	TB 910023 to 029 inclusive 910034 to 036 inclusive 910039 to 045 inclusive 910167 to 177 inclusive 910179

Special credits under section 77 (16) for the following mining claims

<u>10 days</u>	<u>15 days</u>
TB 910022-31-37-38 910183	TB 910032-33-46 910184

No credits have been allowed for the following mining claims

<input checked="" type="checkbox"/> not sufficiently covered by the survey	<input checked="" type="checkbox"/> Insufficient technical data filed
TB 910030	TB 910186

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Ministry of
Northern Development
and Mines

Ontario

Ministère du
Développement du Nord
et des Mines

April 29, 1988

Your file: W8804-31
Our file: 2.10946

Mining Recorder
Ministry of Northern Development and Mines
435 James Street South
P.O. Box 5000
Thunder Bay, Ontario
P7C 5G6

Dear Madam:

Re: Notice of Intent dated April 8, 1988 Geological Survey
submitted on Mining Claims TB 910023 et al
in the Areas of Shelby, Senga, Orbit and Eayrs Lakes

The assessment work credits, as listed on the attached statement,
have been approved as of the above date.

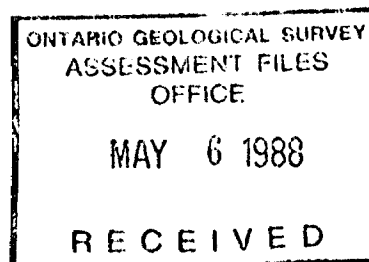
This approval replaces the statement dated April 8, 1988 as there
was a typographical error in this one technical data statement.

Please inform the recorded holder of these mining claims and so
indicate on your records.

Yours sincerely,

W.R. Cowan, Manager
Mining Lands Section
Mines & Minerals Division

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3



SH:p1
Enclosure

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Resident Geologist
Thunder Bay, Ontario

Imperial Platinum Corporation
199 Bay Street, Suite 400
Toronto, Ontario
M5J 1L4

REFERENCES

NOTE

G.T.P. BLOCK NO. 3 PATENTED TO THE GRAND TRUNK RAILWAY CO. MARCH 31, 1909 REFERENCE 13929 AA WAS AMENDED BY O.C. 2403/51 (REFERENCE 105392) AND GRANTED BY QUIT CLAIM DEED DATED AUGUST 2, 1961 TO THE ABITIBI POWER AND PAPER CO. LTD. REFERENCE 115819 PARCELS PREVIOUSLY SOLD BY THE GRAND TRUNK PACIFIC RAILWAY CO. ARE UNDER THE ORIGINAL PATENT 13929 AA.

HIGHWAY

TRANS-CANADA HIGHWAY NO. 17 FROM D.H.O. PLAN NR P-2564 (Through Robson Twp.)

RAILWAYS

CANADIAN NATIONAL RAILWAY (100'R/W) SURVEYED BY E.R. BINGHAM O.L.S. JAN. 11, 1931 PLAN M3-1.

CANADIAN PACIFIC RAILWAY (132'R/W) SURVEYED BY J.W. CADDY O.L.S. MARCH 5, 1897 PLAN R16-26.

PIPELINES

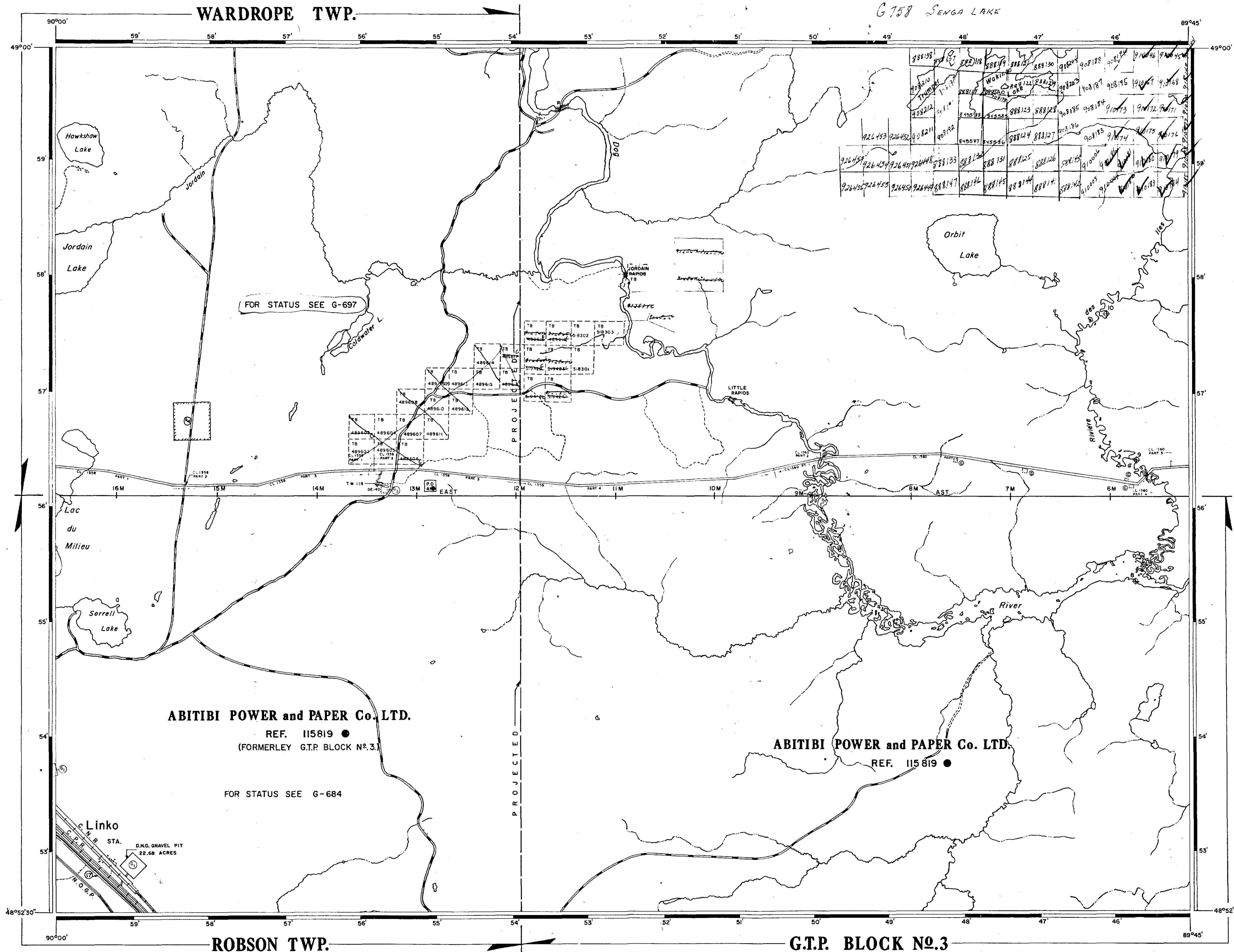
NORTHERN ONTARIO GAS PIPE LINE, CROWN CORP. ROBSON TWP 65'R/W SURVEYED BY PHILLIPS AND GAVIN O.L.S. 1958 (PLAN FILED)

SAND & GRAVEL

- ① V.T.C. GRAVEL PIT
- ② GRAVEL FILE 167153
- ③ V.T.C. GRAVEL PIT NO. 678 FILE: 167153
- ④ QUARRY PERMIT

ORBIT LAKE

WARDROPE TWP.



REFERENCES

TOPOGRAPHY

LAKES, RIVERS, ETC., FROM FOREST RESOURCES INVENTORY SHEET NO. 488894

SURVEYS

ORIGINAL SURVEY OF G.T.P. BLOCK NO. 3 BY T. FAWCETT O.L.S. 1907 FIELD NOTE 600Y NR 2346.

TRAVERSE OF DOG RIVER AND RIVIERE DES ILES BY R.S. KIRKUP O.L.S. 1931 PLAN NR R19-2

THUNDER BAY MINING DIVISION



SEP 15 1988
7 8 9 10 11 12 13 14 15

LEGEND

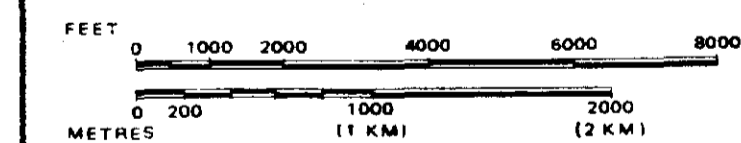
- HIGHWAY AND ROUTE NO
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION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

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	◐
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	◼
" MINING RIGHTS ONLY	◻
LICENCE OF OCCUPATION	◑
ORDER-IN-COUNCIL	OC
RESERVATION	⊙
CANCELLED	⊖
SAND & GRAVEL	⊙

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1979, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS



AREA ORBIT LAKE

M.N.R. ADMINISTRATIVE DISTRICT THUNDER BAY

MINING DIVISION THUNDER BAY

LAND TITLES / REGISTRY DIVISION THUNDER BAY



Date NOVEMBER 1982

Number

June 7, 1983

G-748



SHR409163 2-19846 ORBIT LAKE

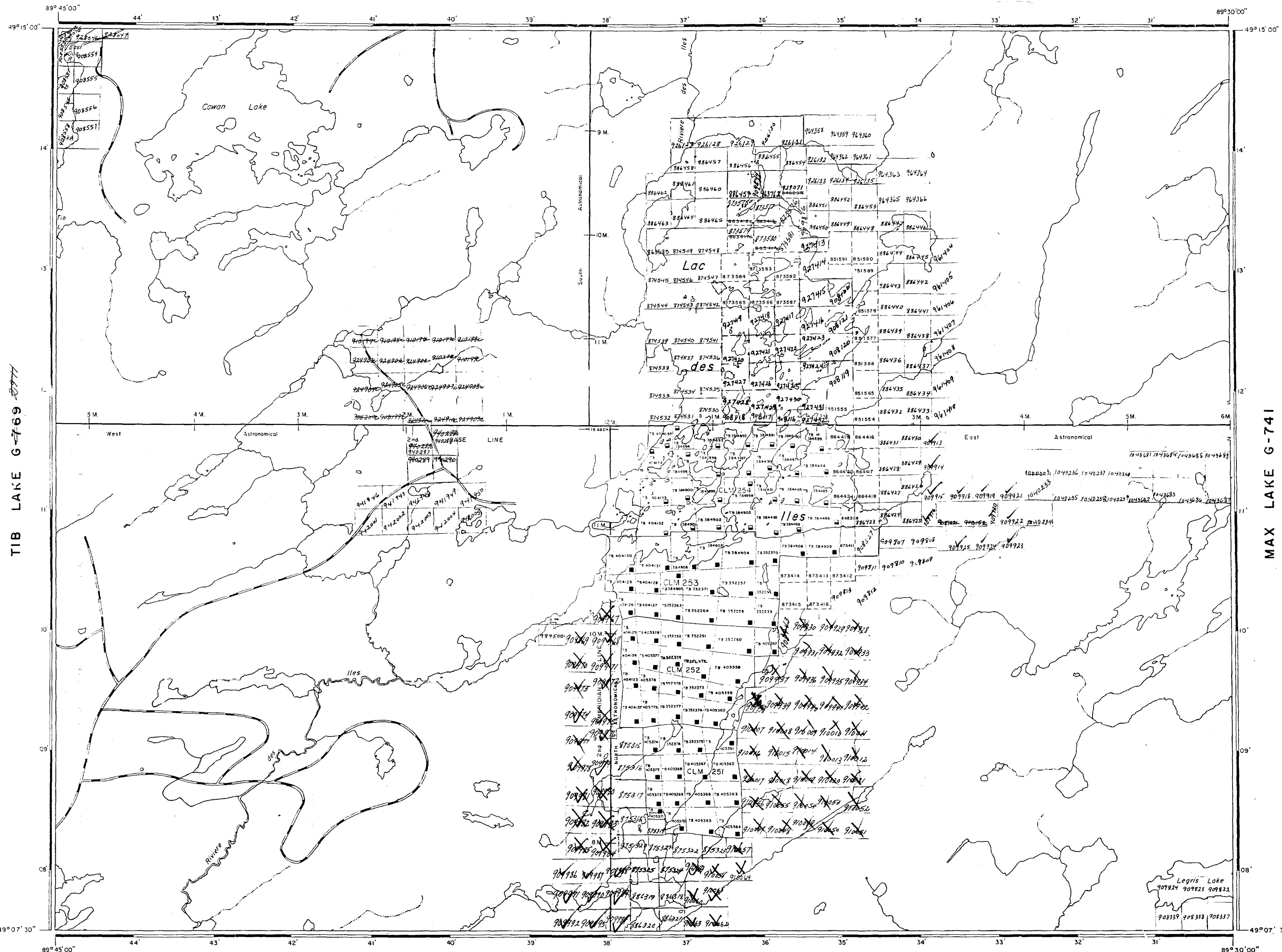
REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

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

Description Order No. Date Disposition File

HEAVEN LAKE G-729



REFERENCES

TOPOGRAPHY

LAKES, RIVERS, ETC., FROM FOREST RESOURCES INVENTORY SHEET NO. 492 993.

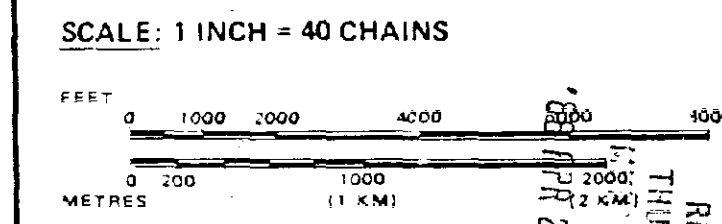
LEGEND

- 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 MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

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

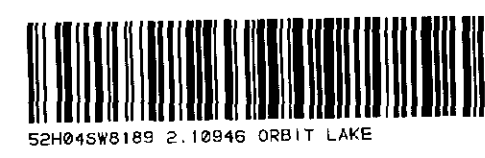
NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1912, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 180, SEC. 63, SUBSEC. 1.

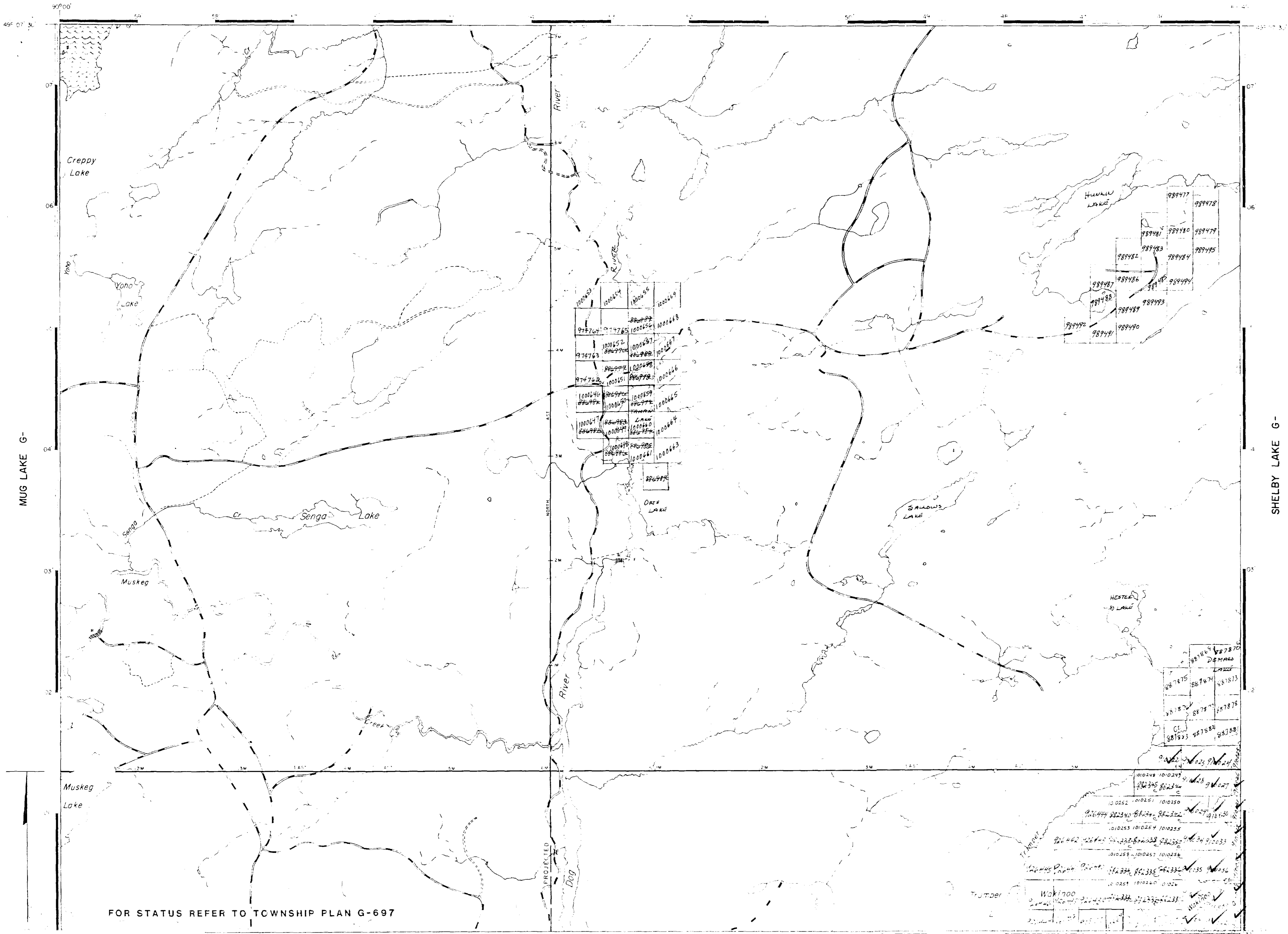


AREA
LAC DES ILES
 M.N.R. ADMINISTRATIVE DISTRICT
THUNDER BAY
 MINING DIVISION
THUNDER BAY
 LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ministry of Land Management
 Natural Resources Branch
 Ontario
 Feb 6, 1986
 210

Date JANUARY, 1983. Number **G-739**





FOR STATUS REFER TO TOWNSHIP PLAN G-697

REFERENCES

T. D. BRADY
LAKES & VEGETATION FROM FOREST RESOURCE
SHEET N. 4. 1911

SURVEYS

BASE LINE AND MERIDIAN LINE BY PHILLIPS AND
HENNER, D. L. T. 1907, FIELD NOTE BOOK NO. 2576

**THUNDER BAY
MINING DIVISION**

AUG 19 1987

7, 8, 9, 10, 11, 12, 13, 14, 15, 16

LEGEND

- HIGHWAY AND ROUTE NO.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIP - BASE LINES ETC.
- LOTS, MINES, CLAIMS, PARCELS ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARIES - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERMANENT STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OF TOWNSHIP PLAN
- RESERVATIONS
- ORIGINAL SHIP LINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	●
SURFACE RIGHTS ONLY	○
MINING RIGHTS ONLY	⊙
LEASE SURFACE & MINING RIGHTS	■
SURFACE RIGHTS ONLY	□
MINING RIGHTS ONLY	◻
LICENCE OF OCCUPATION	▽
ORDER IN COUNCIL	OC
RESERVATION	⊕
CANCELLED	⊗
SAND & GRAVEL	⊙

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS

AREA

SENGA LAKE

M. N. R. ADMINISTRATIVE DISTRICT
THUNDER BAY
MINING DIVISION
THUNDER BAY
LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ministry of Land Management
Natural Resources Branch

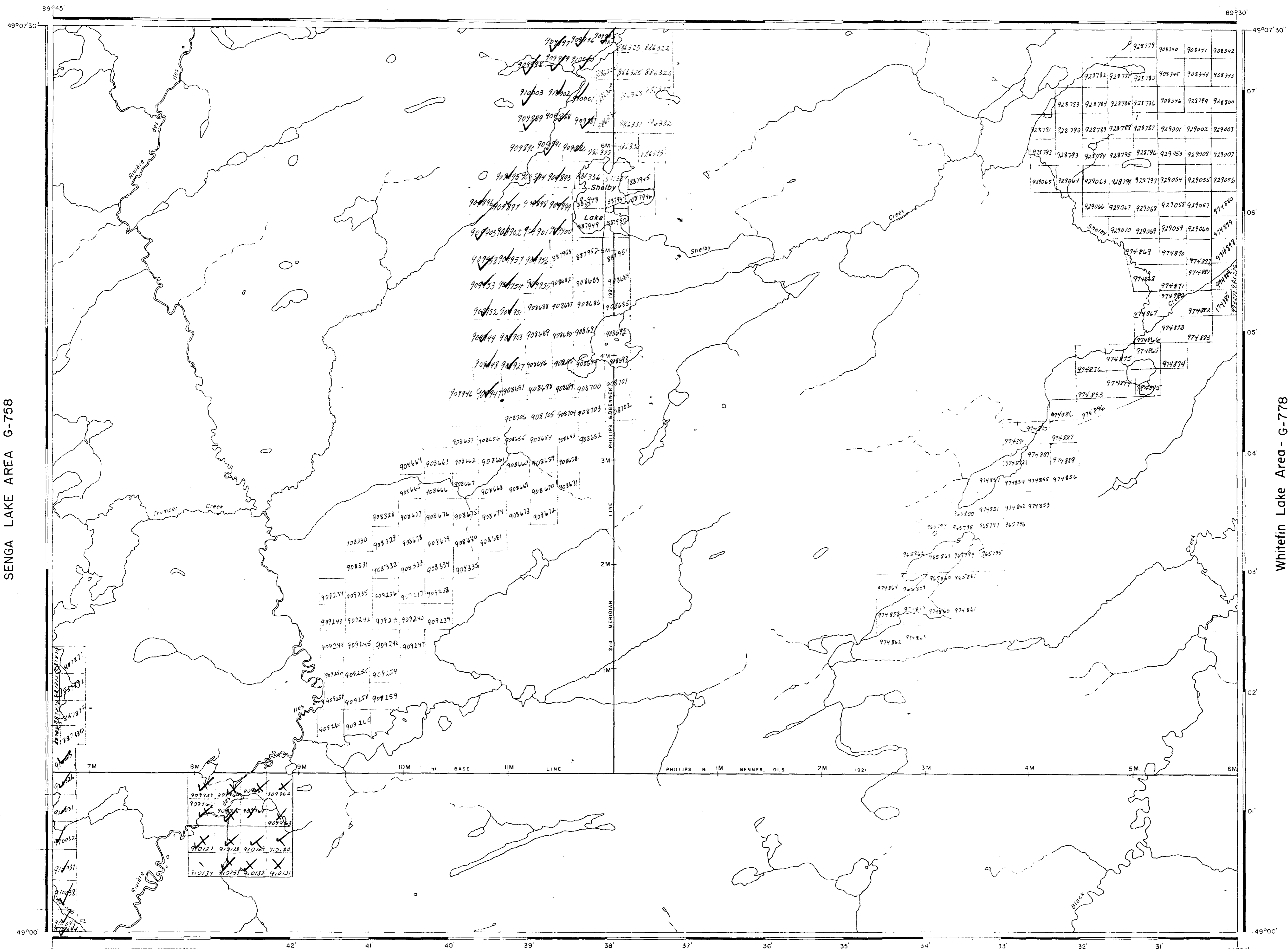
220

DECEMBER 1982

G-758



Lac des Iles Area - G-739



SENGA LAKE AREA G-758

Whitfin Lake Area - G-778

EYRS LAKE AREA G-2508

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 MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

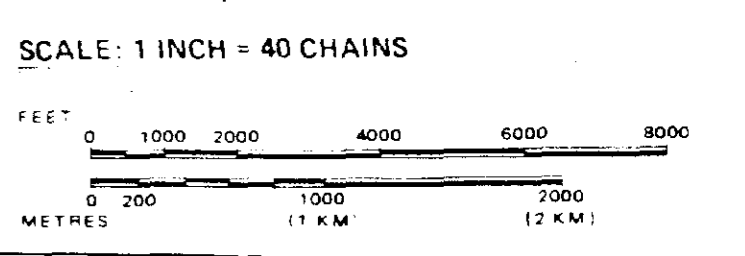
REFERENCES

Description	Order No.	Date	Disposition
M.R.O. - MINING RIGHTS ONLY			
S.R.O. - SURFACE RIGHTS ONLY			
M.+S. - MINING AND SURFACE RIGHTS			

AREAS WITHDRAWN FROM DISPOSITION

Description	Order No.	Date	Disposition

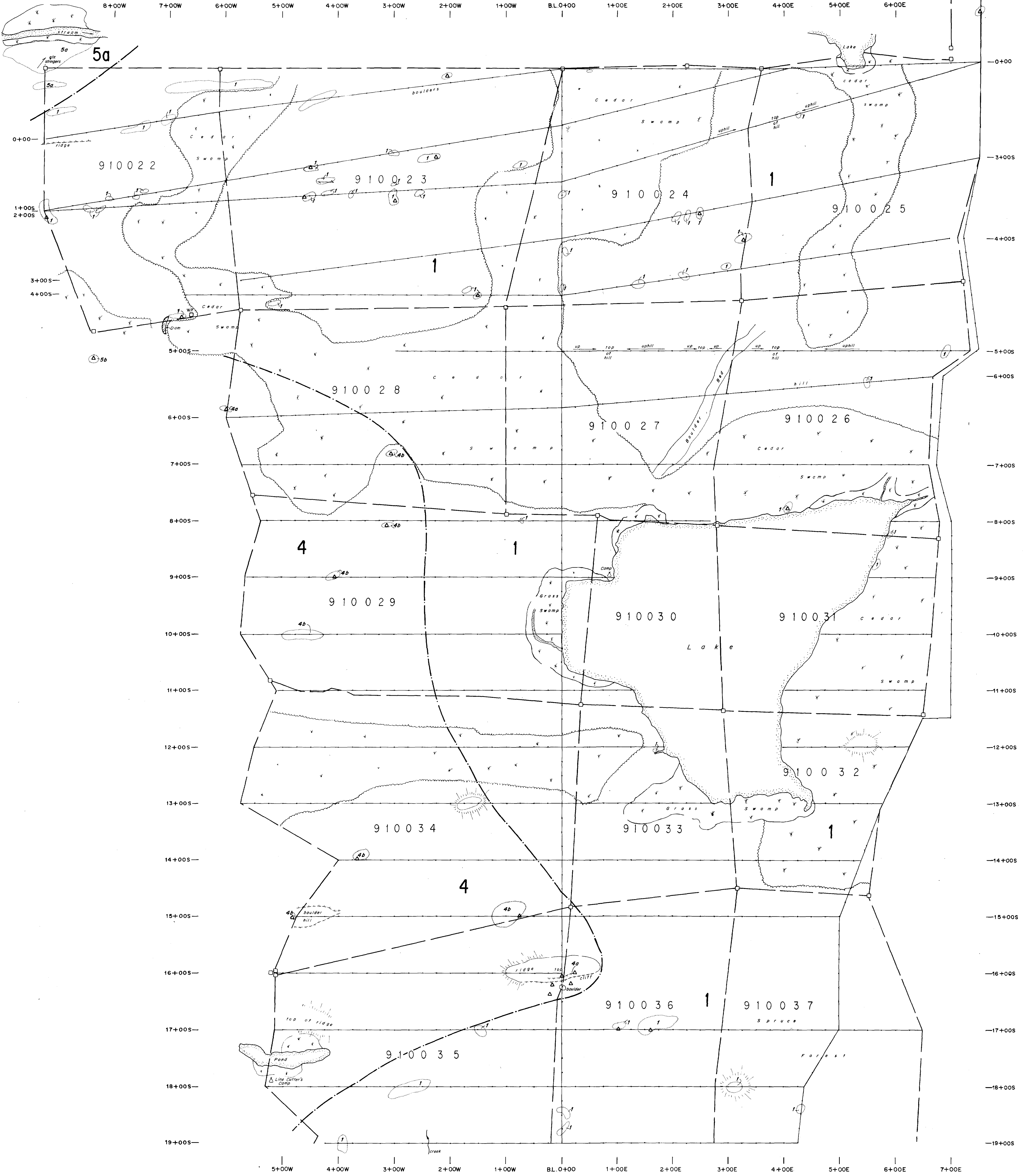
THUNDER BAY MINING DIVISION
RECEIVED
 JUN - 3 1987
 AM 7|8|9|10|11|12|1|2|3|4|5|6 PM



AREA
SHELBY LAKE
 M.N.R. ADMINISTRATIVE DISTRICT
THUNDER BAY
 MINING DIVISION
THUNDER BAY
 LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ministry of Natural Resources Ontario
 Land Management Branch

Date JANUARY, 1984
 Number 230
 12 1985
G-2512



LEGEND

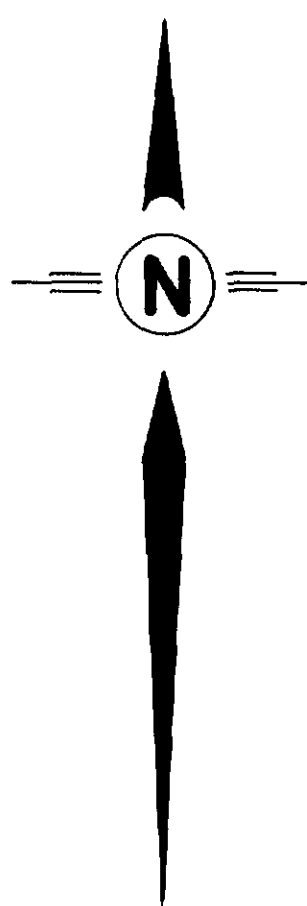
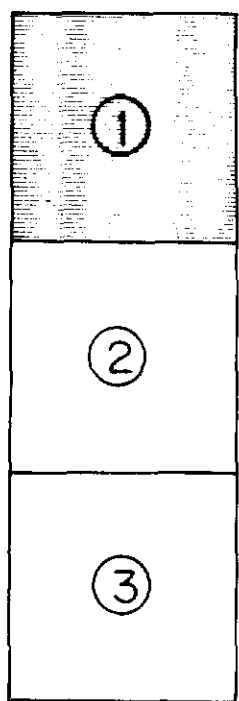
GEOLOGY

- 6 Diabase
- 5 5a - Granite
5b - Porphyritic Granite
- 4 4a - Gabbro
4b - Diorite
- 3 Metasediments
- 2 Metabasalt
- 1 Granitized

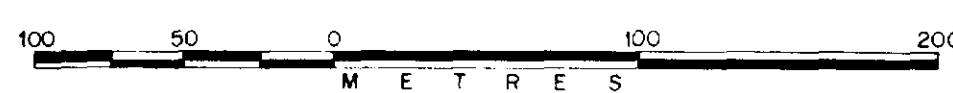
SYMBOLS

- △ Rock Sample
- Interpreted Contact
- Outcrop
- ⊕ Swamp
- ~ Ridge
- Claimpost and Claim Lines

SHEET INDEX



SCALE



IMPERIAL PLATINUM CORP.

DEMARS LAKE PROPERTY

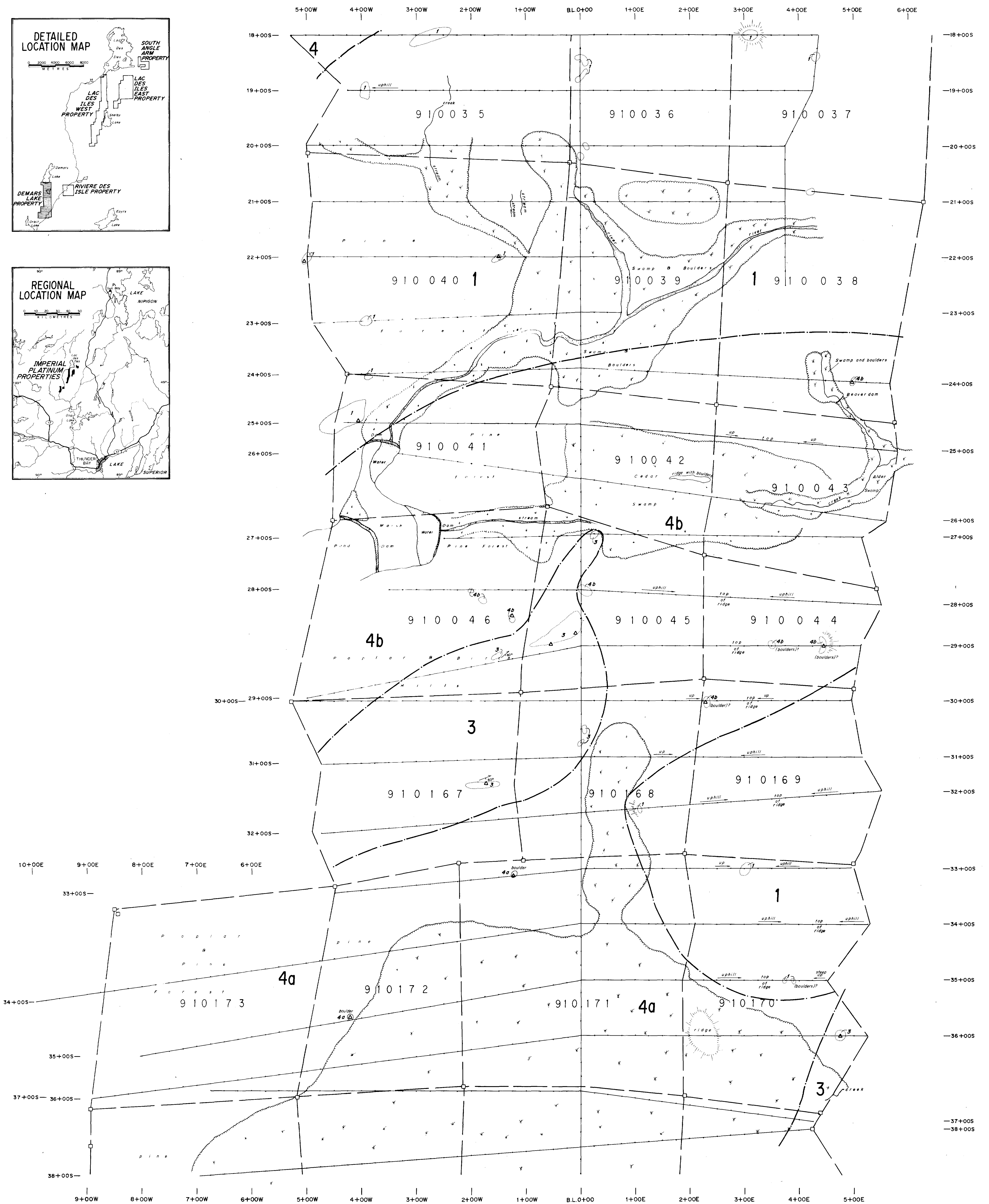
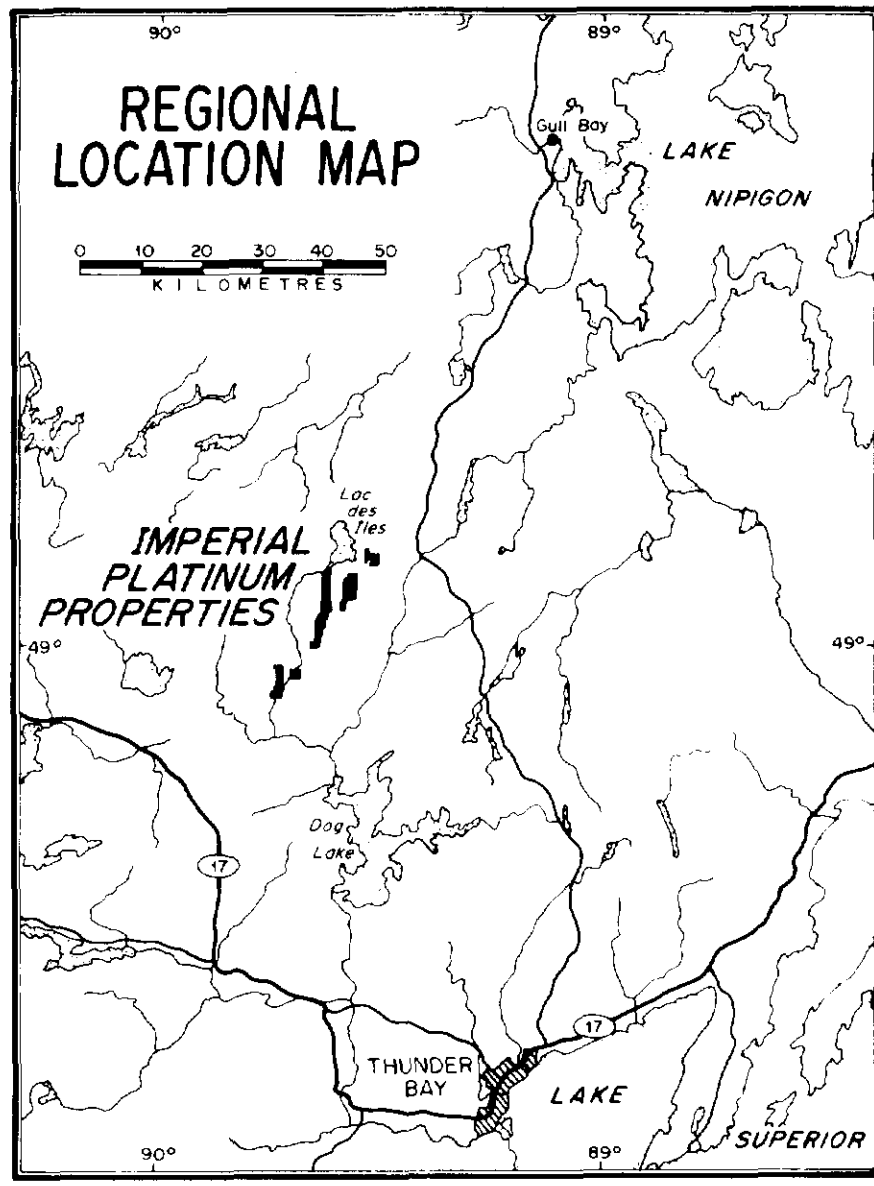
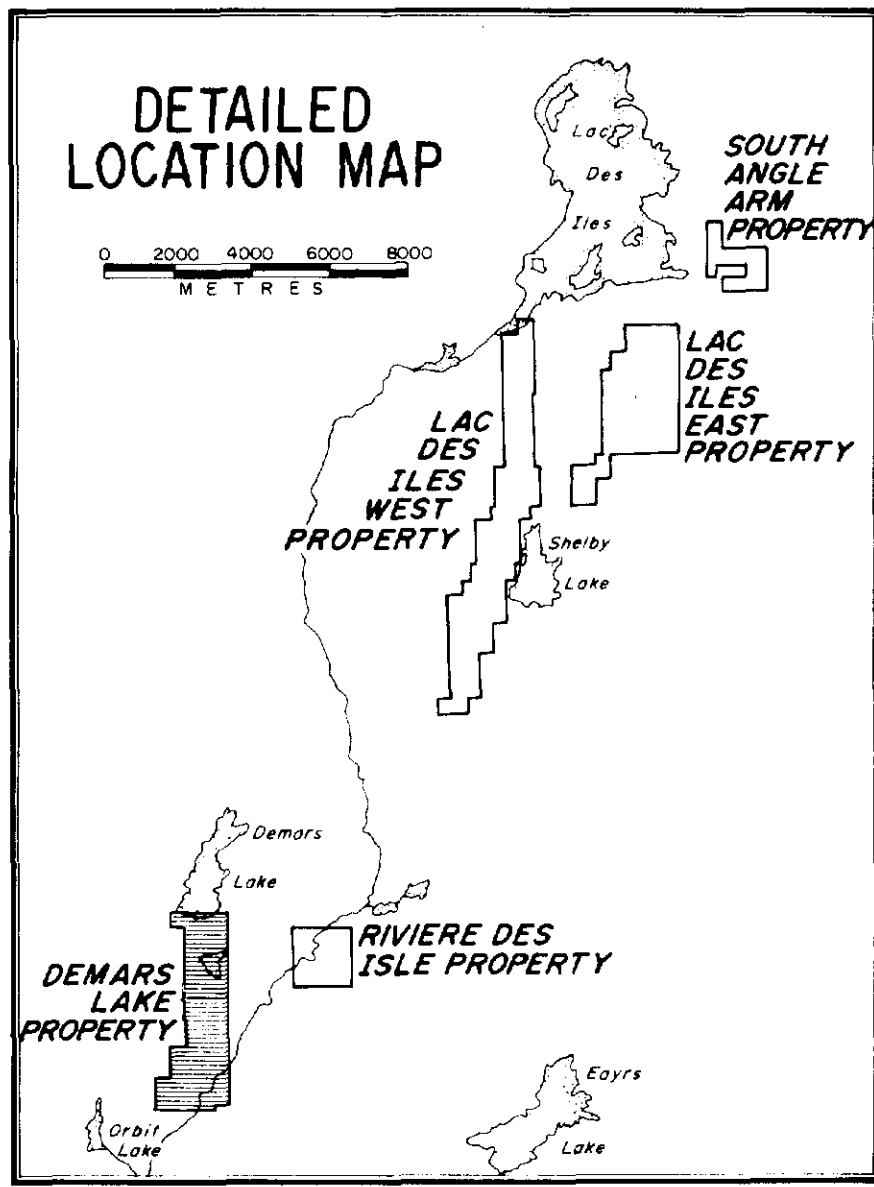
GEOLOGY

FIGURE 1 of 3	DATE NOV 1987	CHECKED BY:
DRAWN BY ABN	N.T.S. 52 H/4	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

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LEGEND

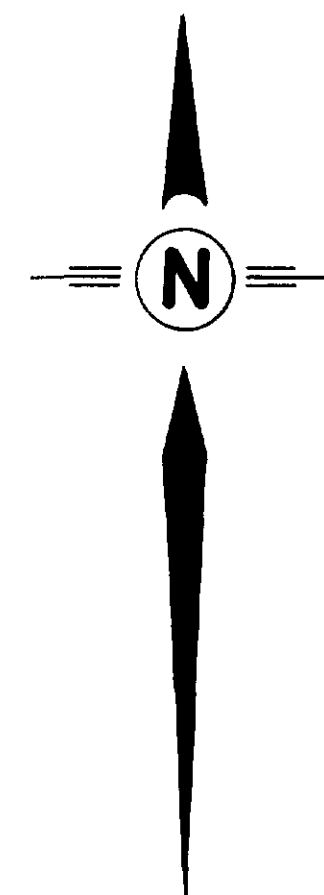
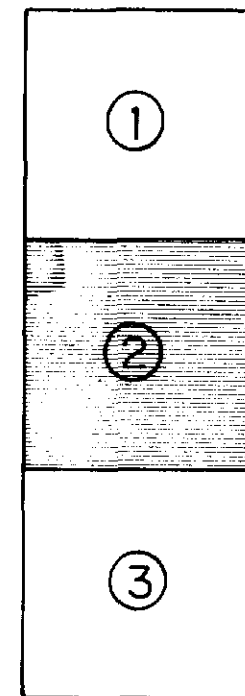
GEOLOGY

- 6 Diabase
- 5a - Granite
5b - Porphyritic Granite
- 4a - Gabbro
4b - Diorite
- 3 Metasediments
- 2 Metabasalt
- 1 Granitized

SYMBOLS

- △ Rock Sample
- Interpreted Contact
- Outcrop
- ⊙ Swamp
- ↗ Ridge
- Claimpost and Claim Lines

SHEET INDEX



SCALE



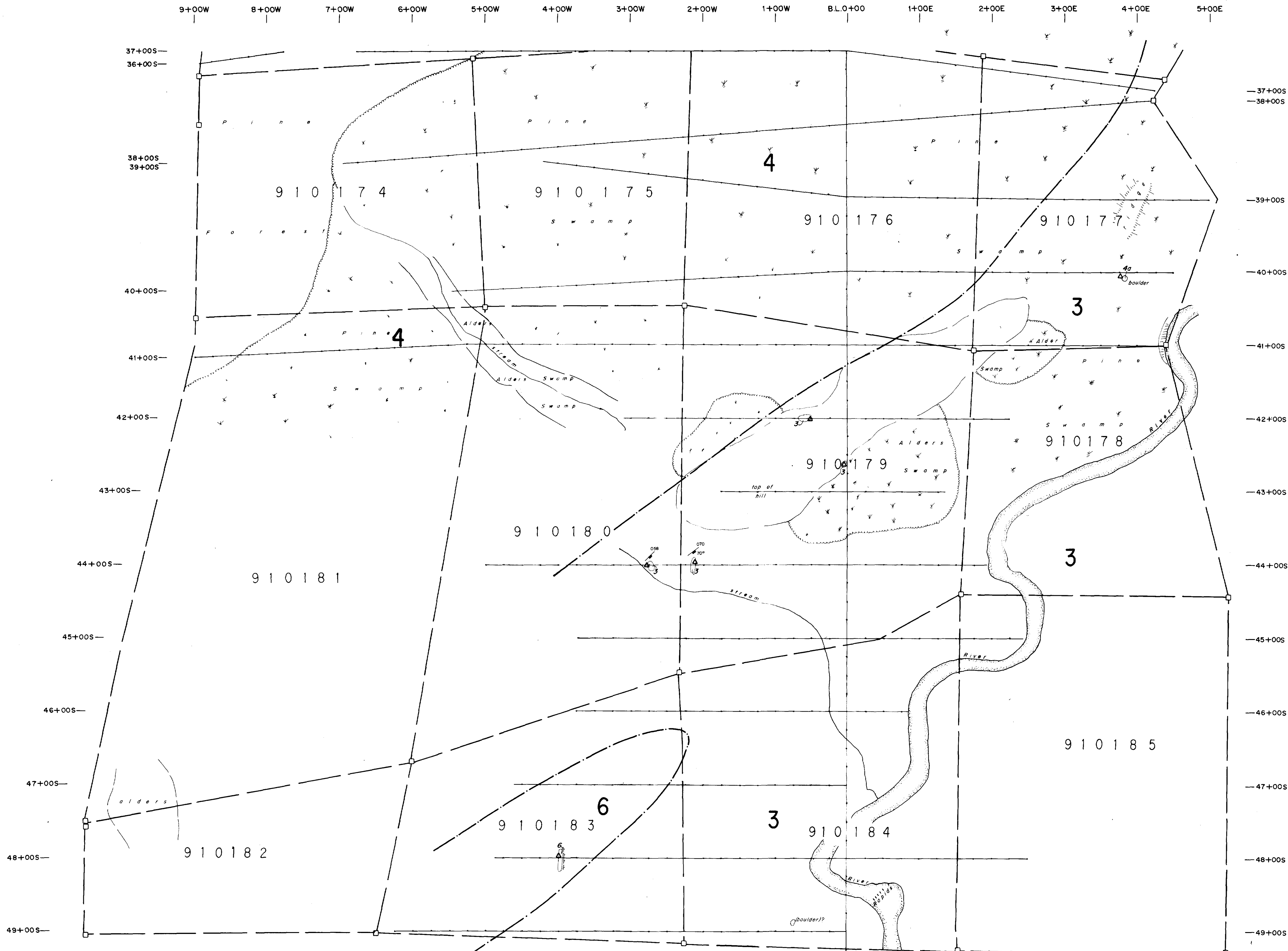
IMPERIAL PLATINUM CORP.

DEMARS LAKE PROPERTY

GEOLOGY

FIGURE 2 of 3 DATE NOV. 1987 CHECKED BY
DRAWN BY ARW N.T.S. 52 M/4 SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.

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LEGEND

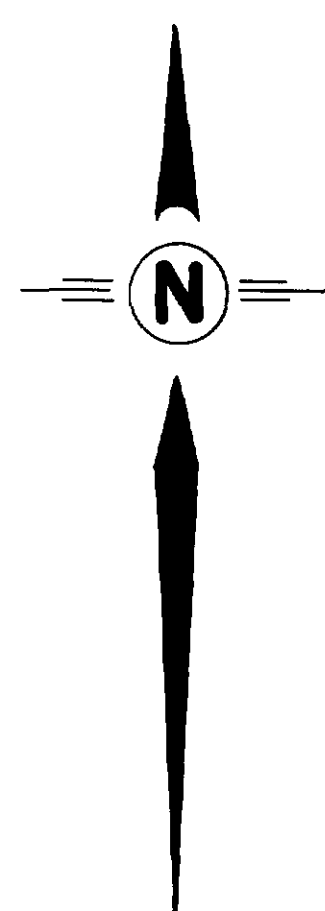
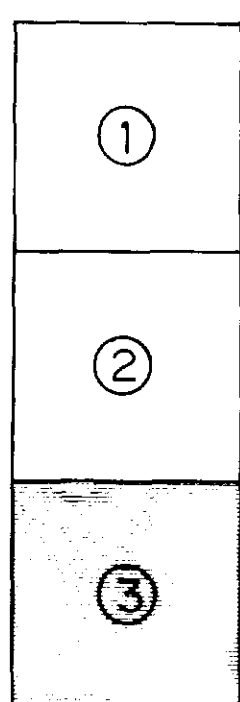
GEOLOGY

- 6 Diabase
- 5 5a - Granite
5b - Porphyritic Granite
- 4 4a - Gabbro
4b - Diorite
- 3 Metasediments
- 2 Metabasalt
- 1 Granitized

SYMBOLS

- Rock Sample
- Interpreted Contact
- Outcrop
- Swamp
- Ridge
- Claimpost and Claim Lines

SHEET INDEX



SCALE



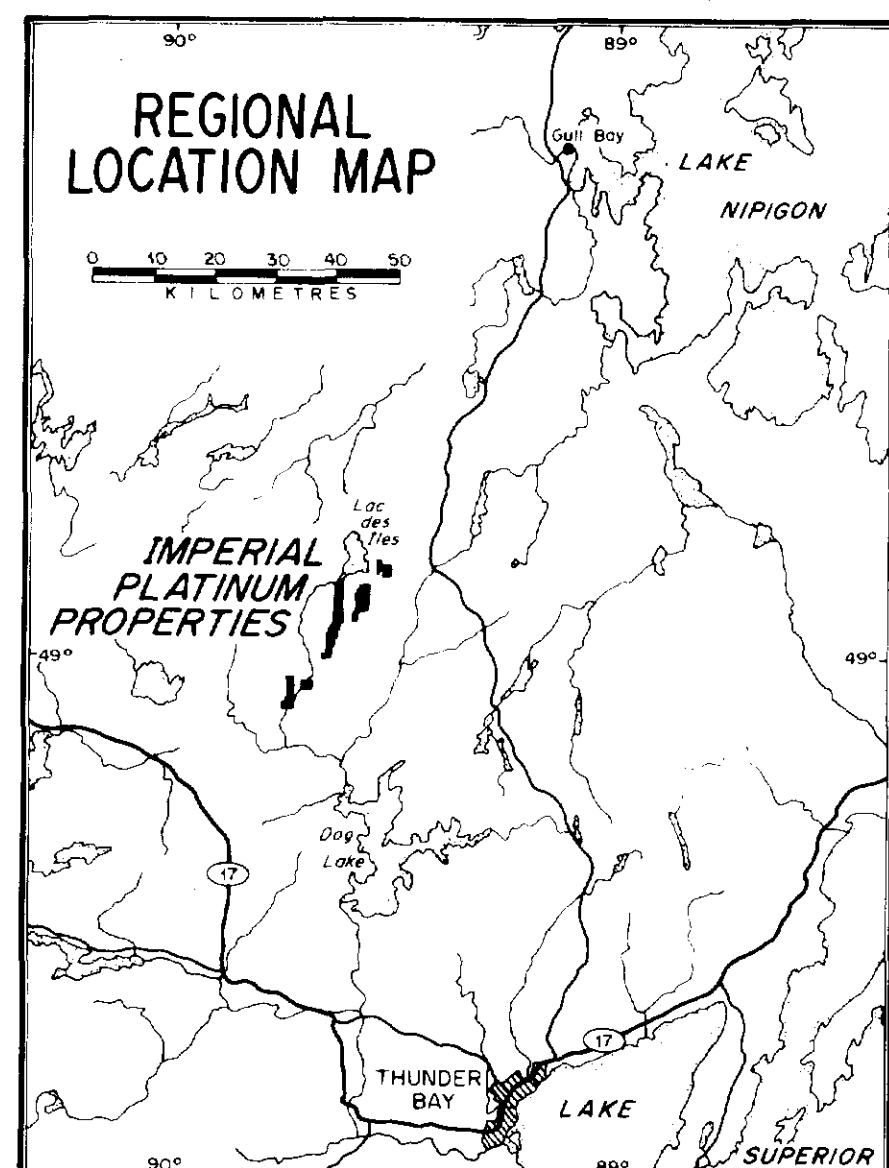
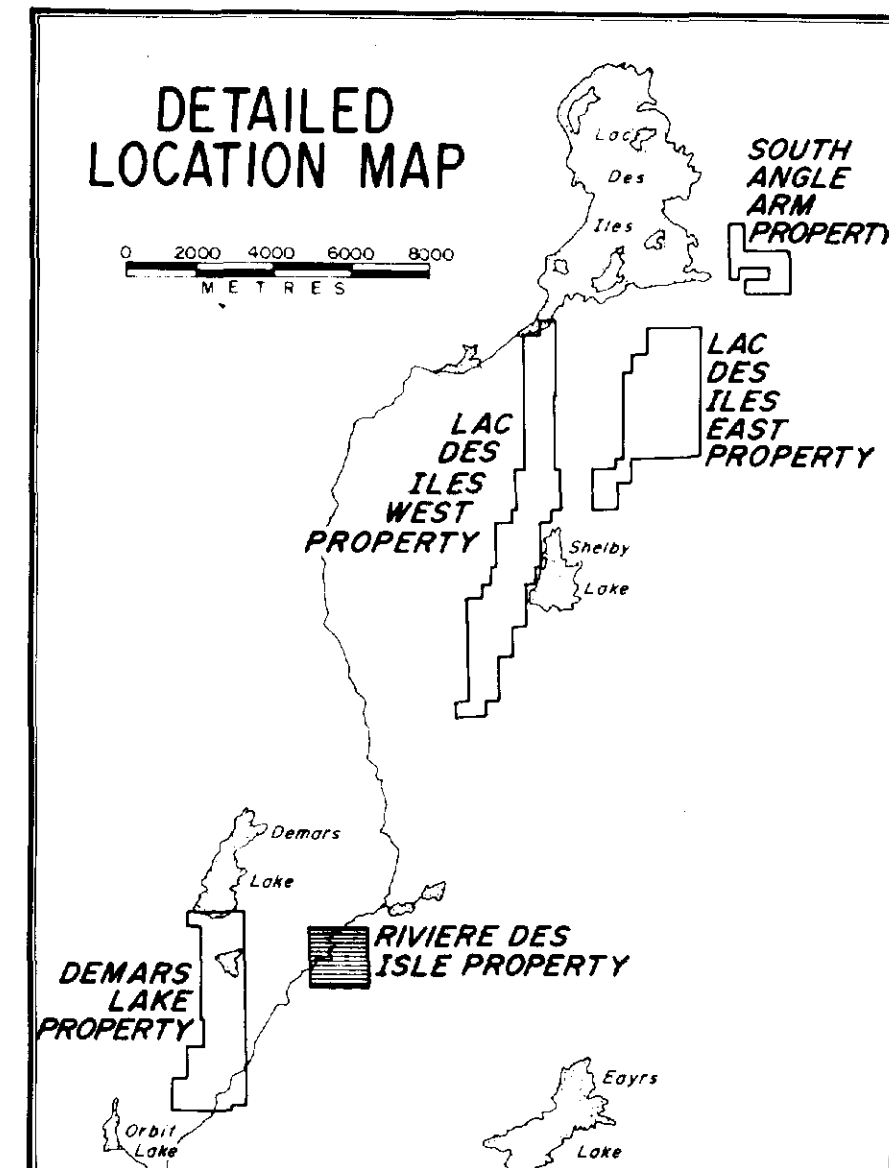
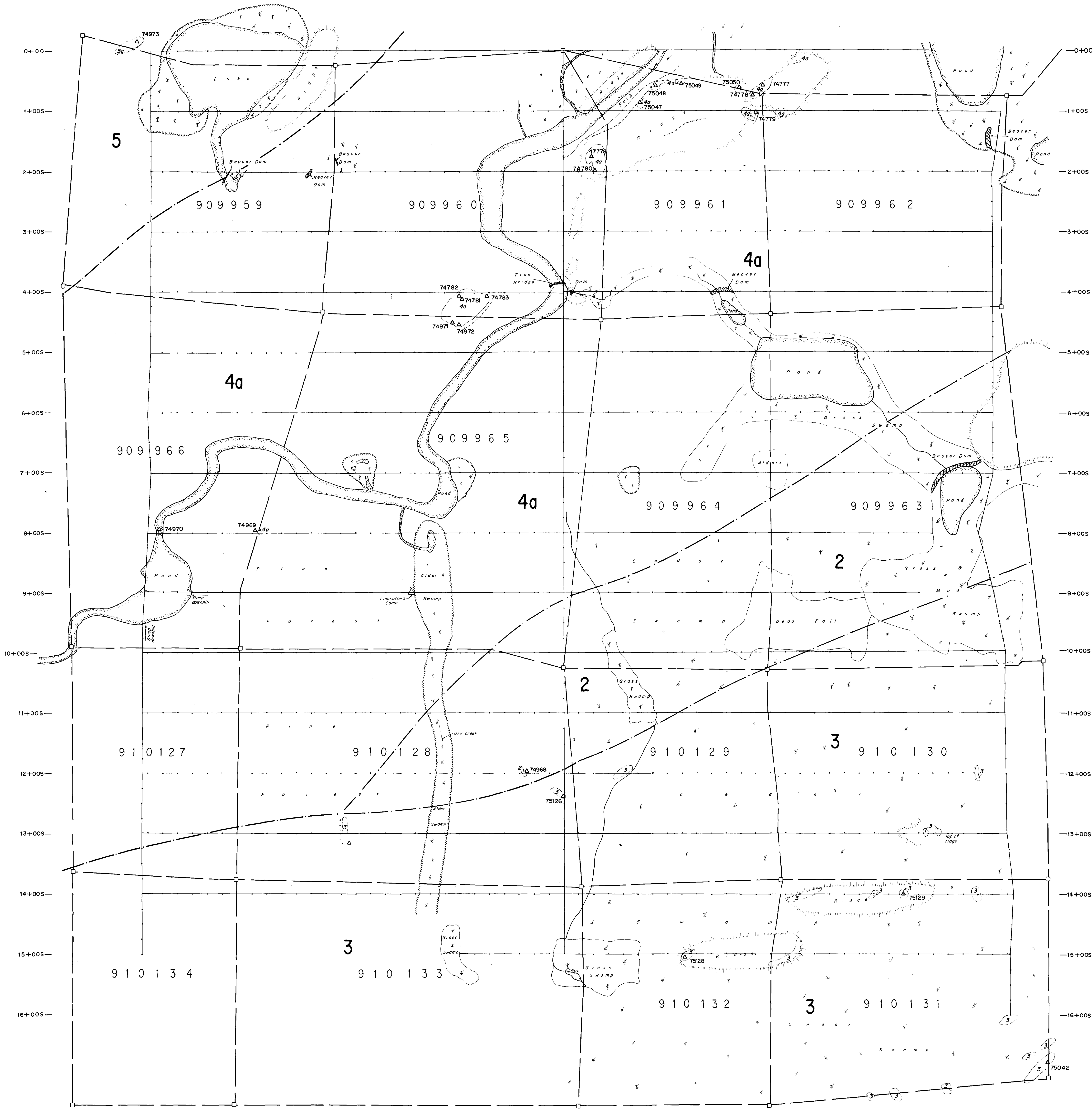
IMPERIAL PLATINUM CORP.		
DEMARS LAKE PROPERTY		
GEOLOGY		
FIGURE 3 of 3	DATE NOV 1997	CHECKED BY:
DRAWN BY: ABW	N.T.S. 54 H/4	SCALE 1:2,500
A. C. A. HOWE INTERNATIONAL LTD.		

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lets start

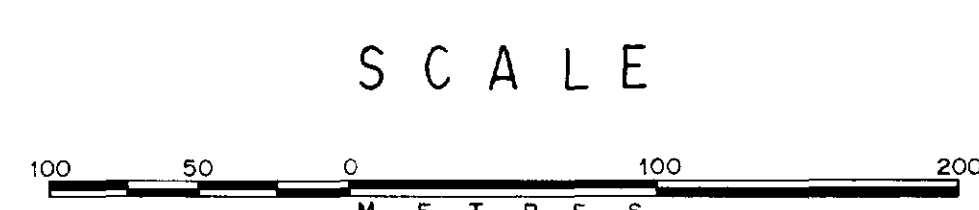


TL 7+00W 6+00W 5+00W 4+00W 3+00W 2+00W 1+00W 0+00 1+00E 2+00E 3+00E 4+00E 5+00E 6+00E 7+00E TL



LEGEND

GEOLOGY		SYMBOLS	
6	Diabase	△	Rock Sample
5	5a - Granite 5b - Porphyritic Granite	---	Interpreted Contact
4	4a - Gabbro 4b - Diorite	○	Outcrop
3	Metasediments	⊖	Swamp
2	Metabasalt	~	Ridge
1	Granitized	□	Claimpost and Claim Lines

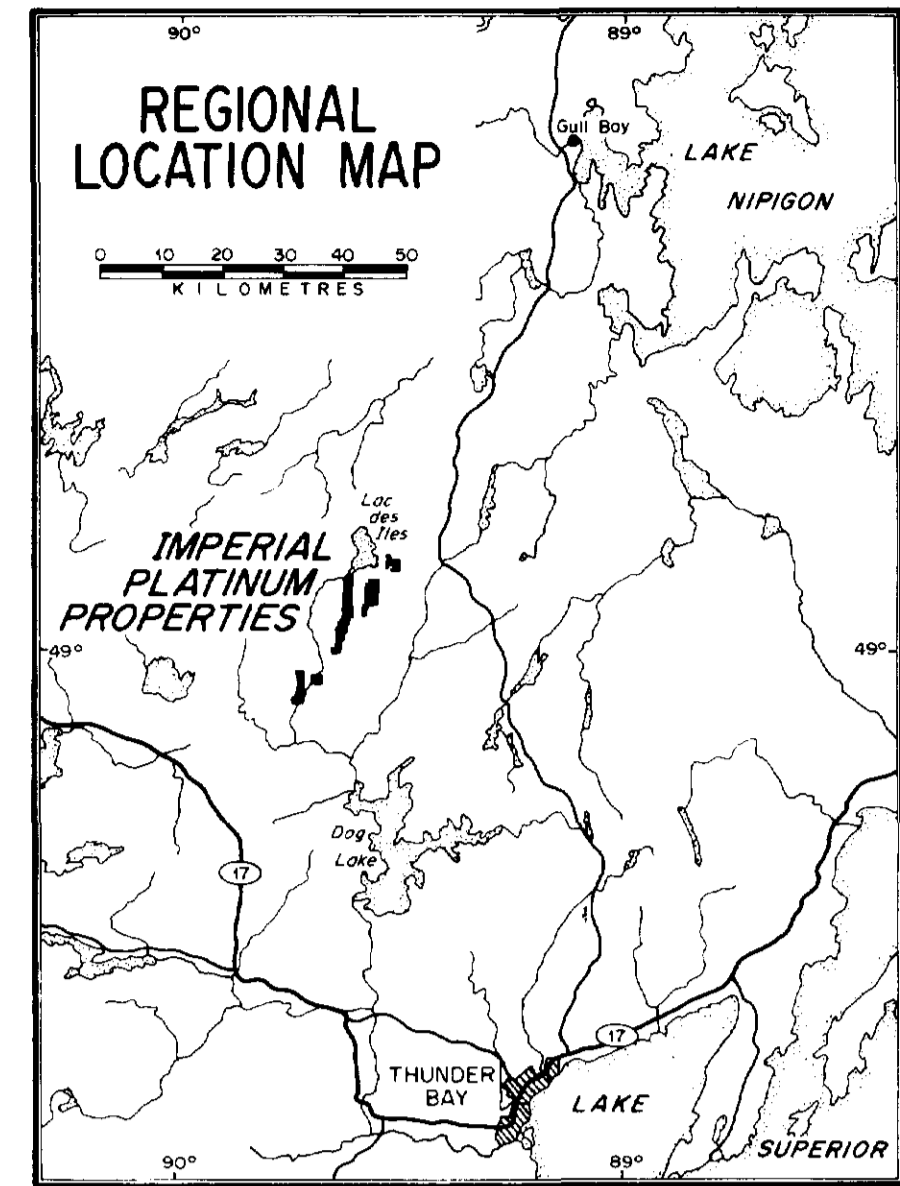
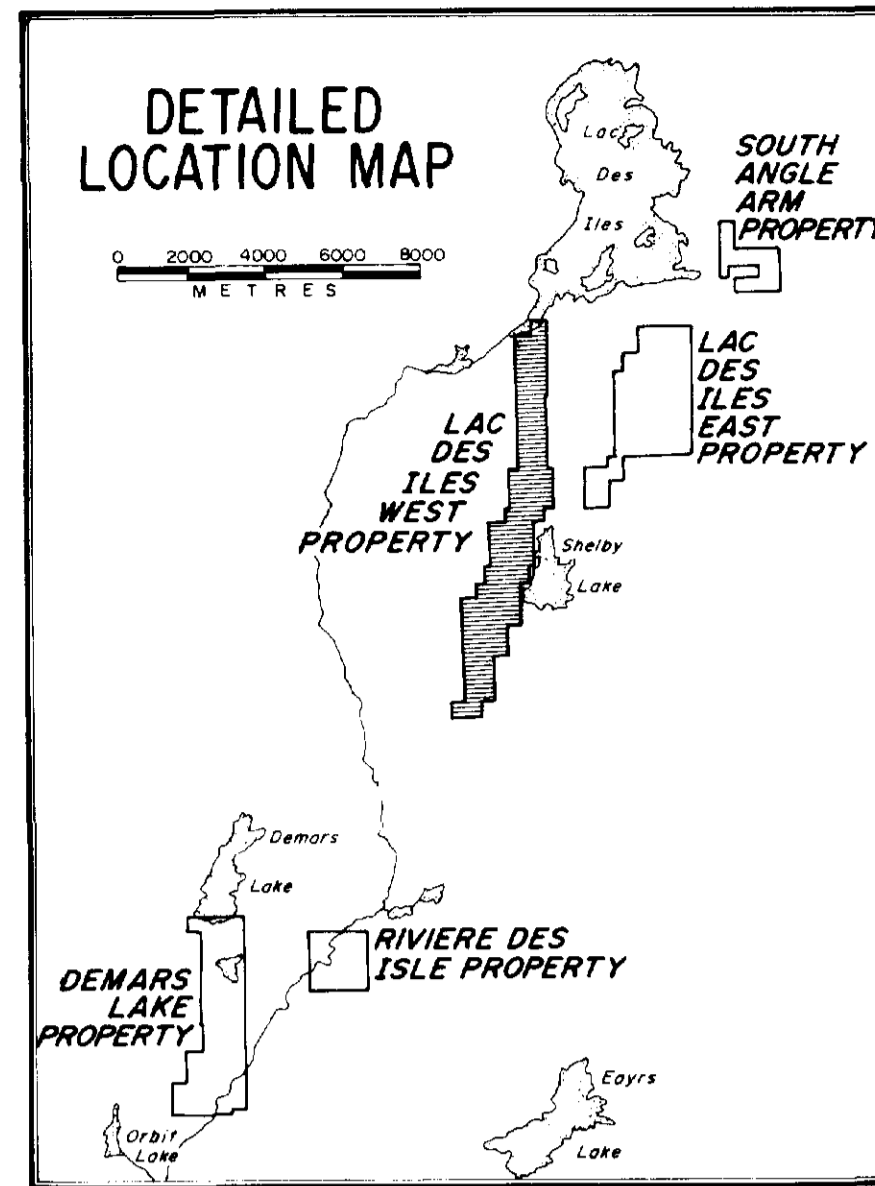
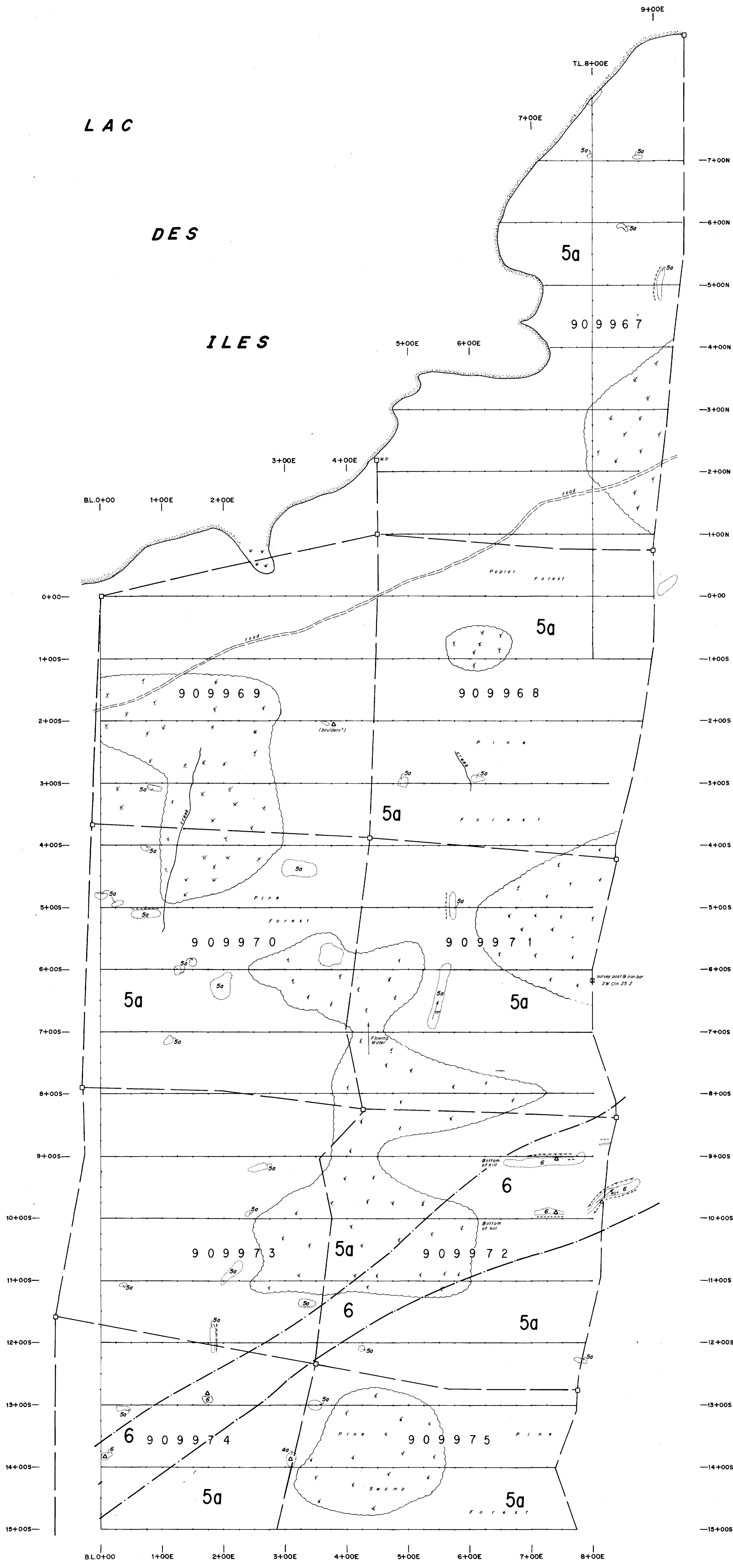


IMPERIAL PLATINUM CORP.
RIVIERE DES ILES
GEOLOGY

FIGURE 1 of 1	DATE: NOV 1987	CHECKED BY:
DRAWN BY: ABM	N.T.S. 52 N/A	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

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R. S. H.



LEGEND

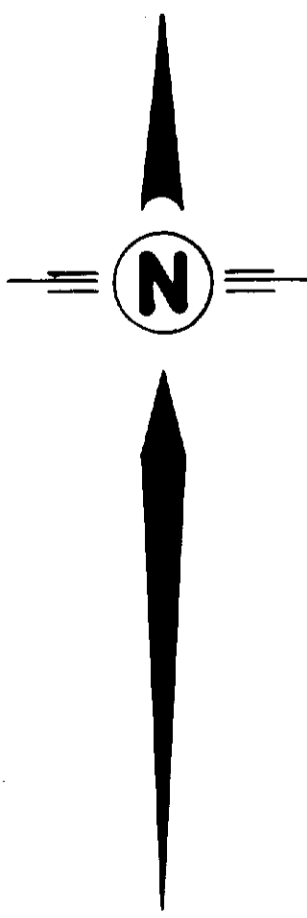
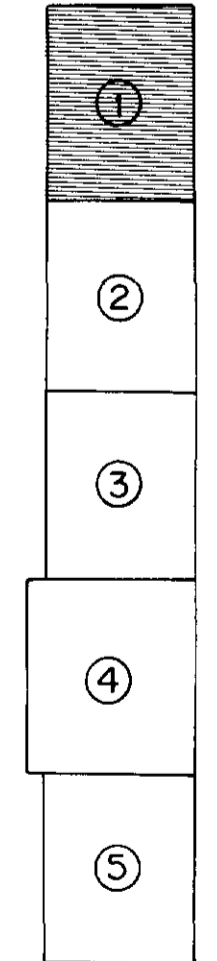
GEOLOGY

- 6 Diabase
- 5 5a - Granite
5b - Porphyritic Granite
- 4 4a - Gabbro
4b - Diorite
- 3 Metasediments
- 2 Metabasalt
- 1 Granitized

SYMBOLS

- △ Rock Sample
- Interpreted Contact
- Outcrop
- ⊕ Swamp
- ~ Ridge
- Claimpost and Claim Lines

SHEET INDEX



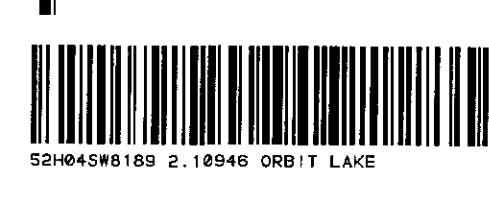
SCALE

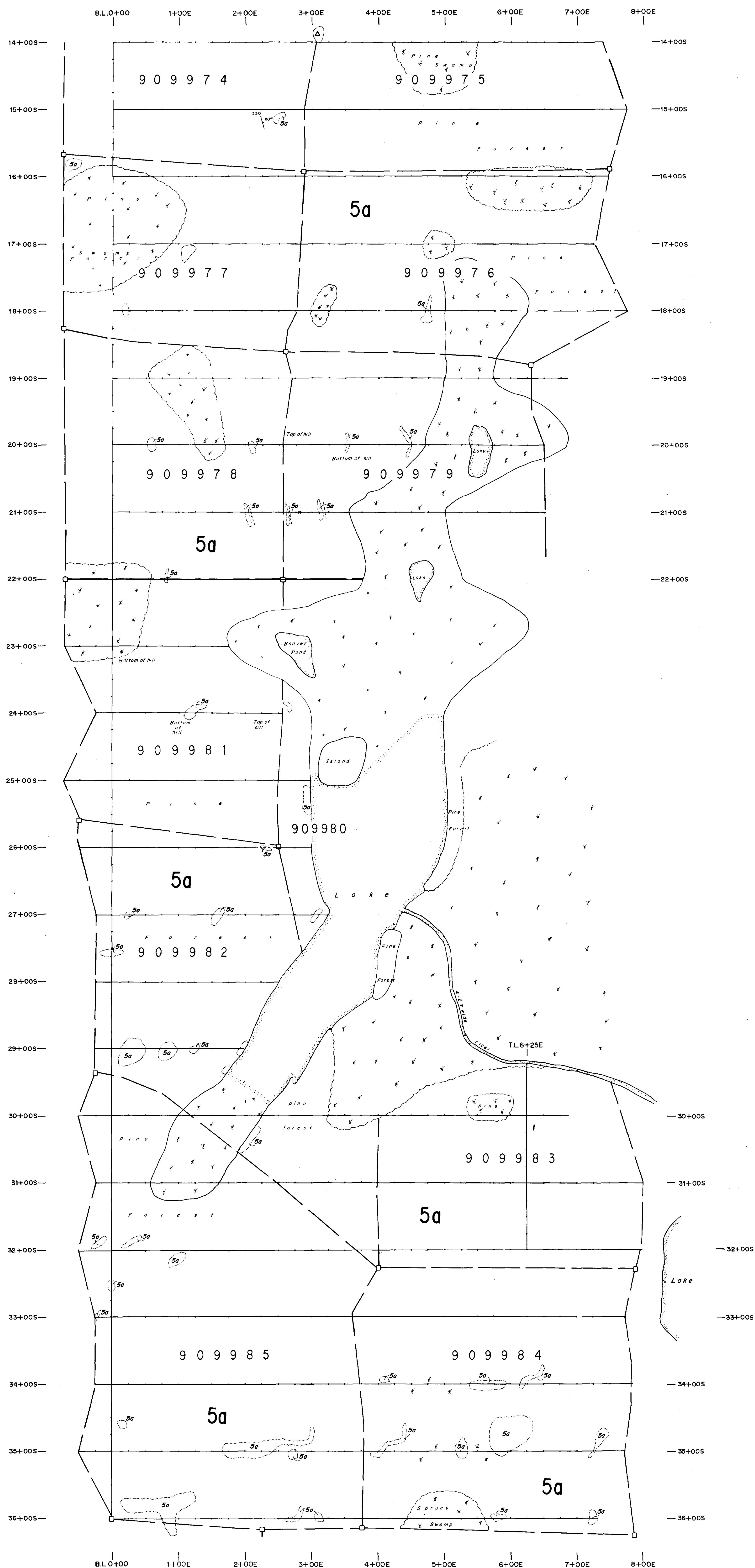


IMPERIAL PLATINUM CORP.
LAC DES ILES WEST GRID
GEOLOGY

FIGURE 1 of 2	DATE NOV 1987	CHECKED BY:
DRAWN BY: ABN	N.T.S. 52 H/4	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

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LEGEND

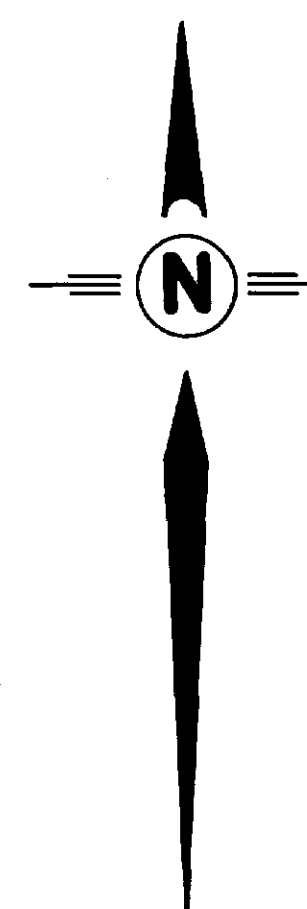
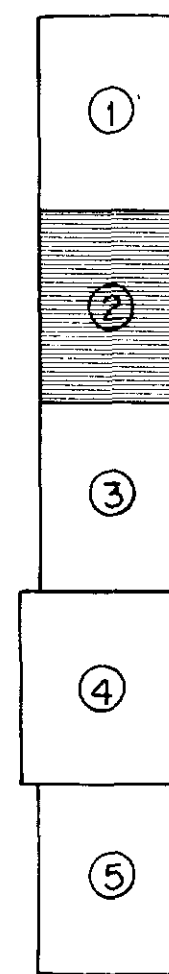
GEOLOGY

- 6 Diabase
- 5 5a - Granite
5b - Porphyritic Granite
- 4 4a - Gabbro
4b - Diorite
- 3 Metasediments
- 2 Metabasalt
- 1 Granitized

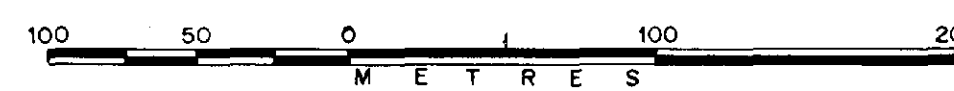
SYMBOLS

- △ Rock Sample
- Interpreted Contact
- Outcrop
- ⊗ Swamp
- ⋈ Ridge
- Claimstap and Claim Lines

SHEET INDEX



SCALE



IMPERIAL PLATINUM CORP.		
LAC DES ILES WEST GRID		
GEOLOGY		
FIGURE 2 of 2	DATE NOV 1987	CHECKED BY:
DRAWN BY: ARW	N.T.S. 52 N/4	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

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LEGEND

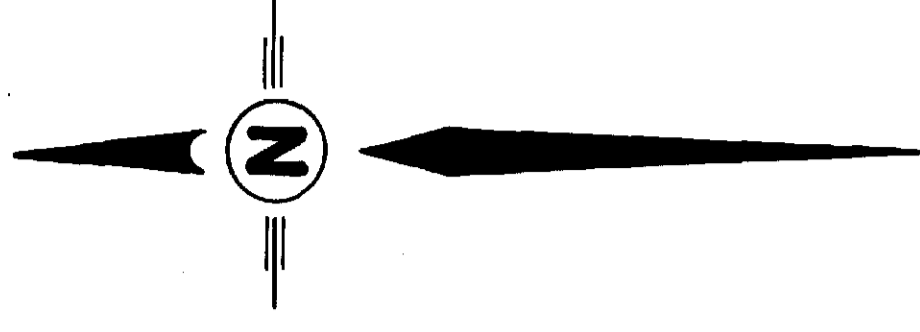
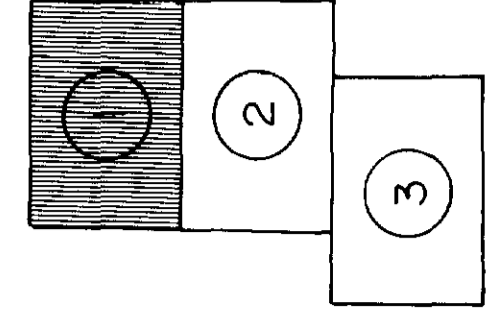
GEOLOGY

- 6 Diabase
- 5a - Granite
- 5b - Porphyritic Granite
- 4a - Gabbro
- 4b - Diorite
- 3 Metasediments
- 2 Metabasalt
- 1 Gravelized

SYMBOLS

- △ Rock Sample
- Interpreted Contact
- Outcrop
- ⊖ Swamp
- ⋈ Ridge
- Claimst and Claim Lines

SHEET INDEX



SCALE



IMPERIAL PLATINUM CORP.

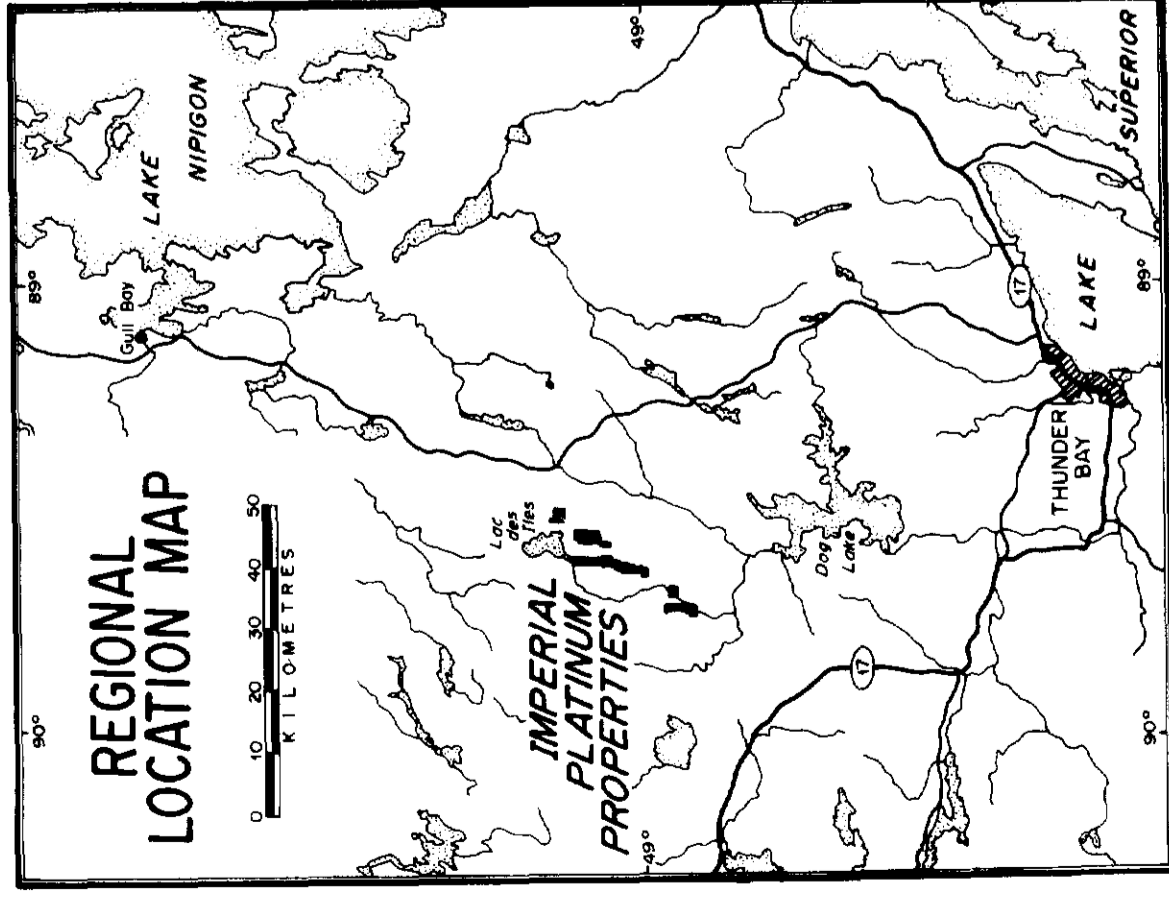
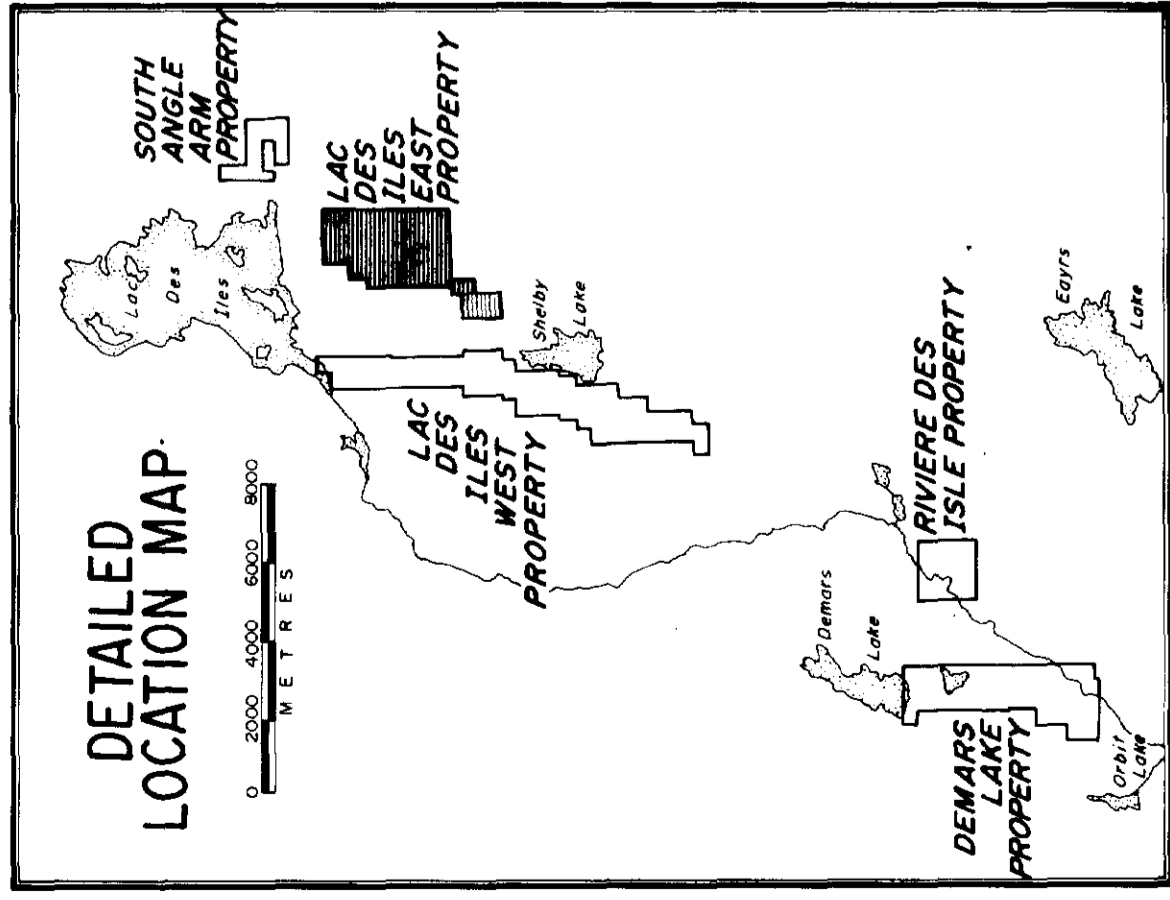
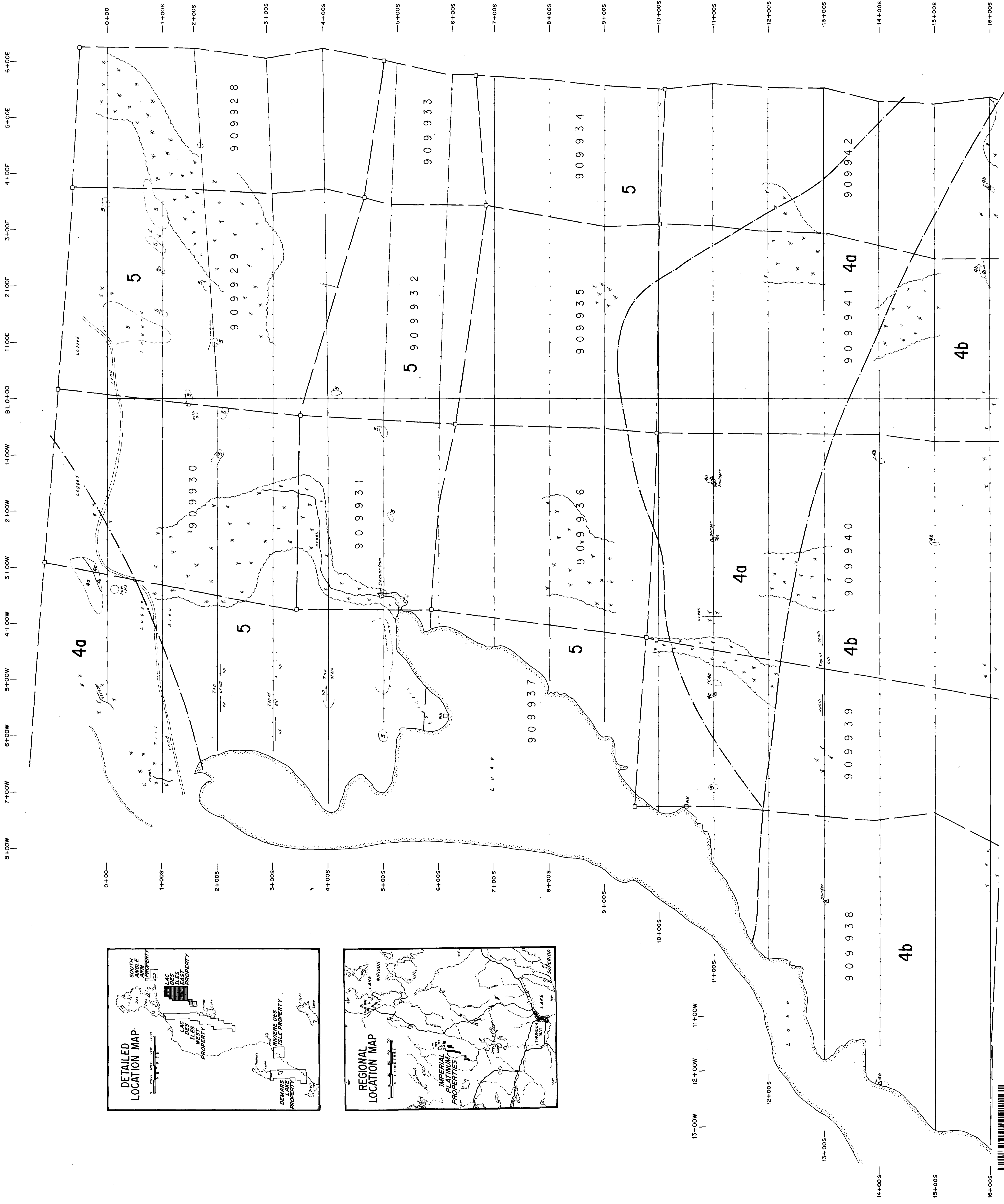
LAC DES ILES EAST GRID

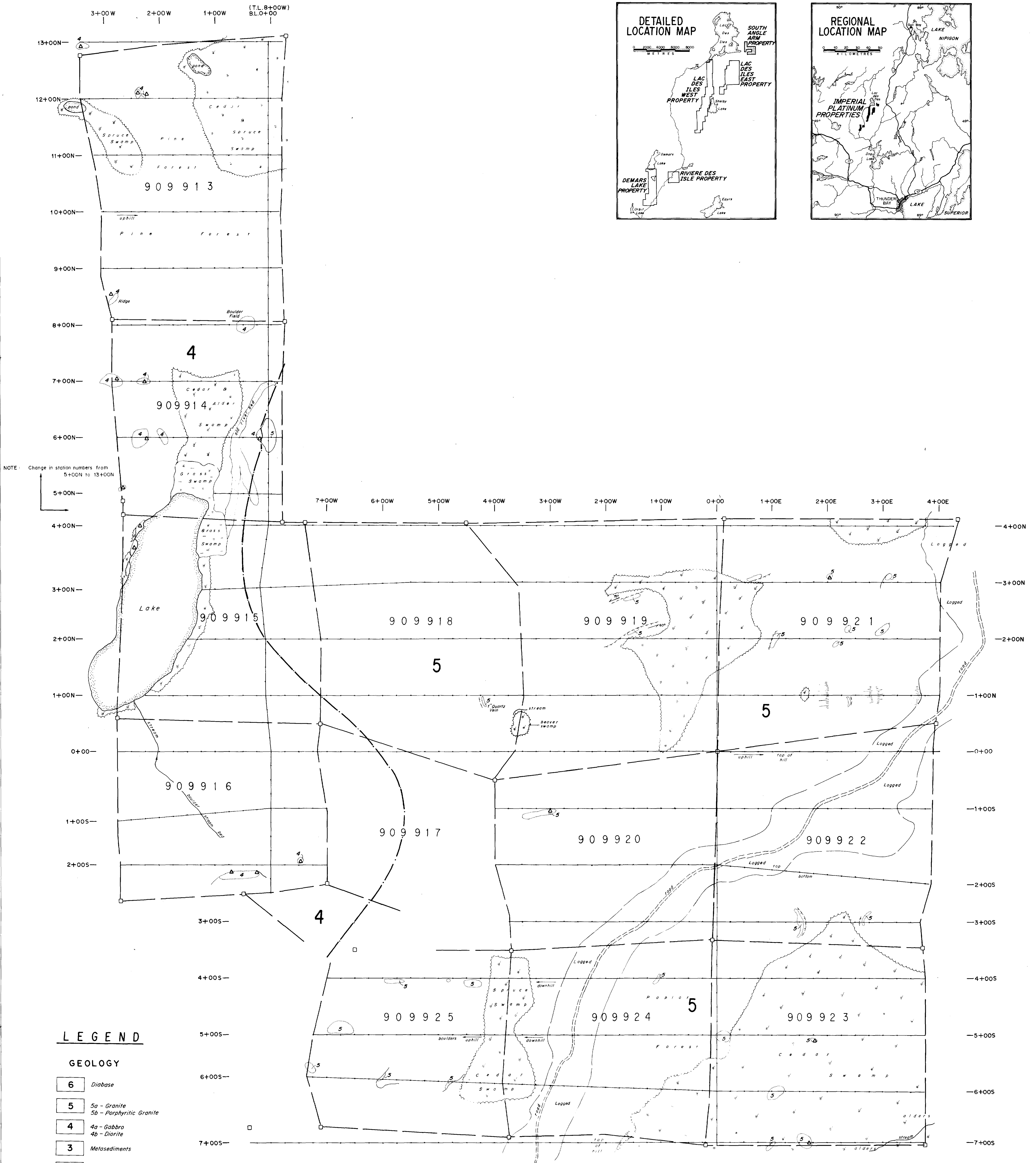
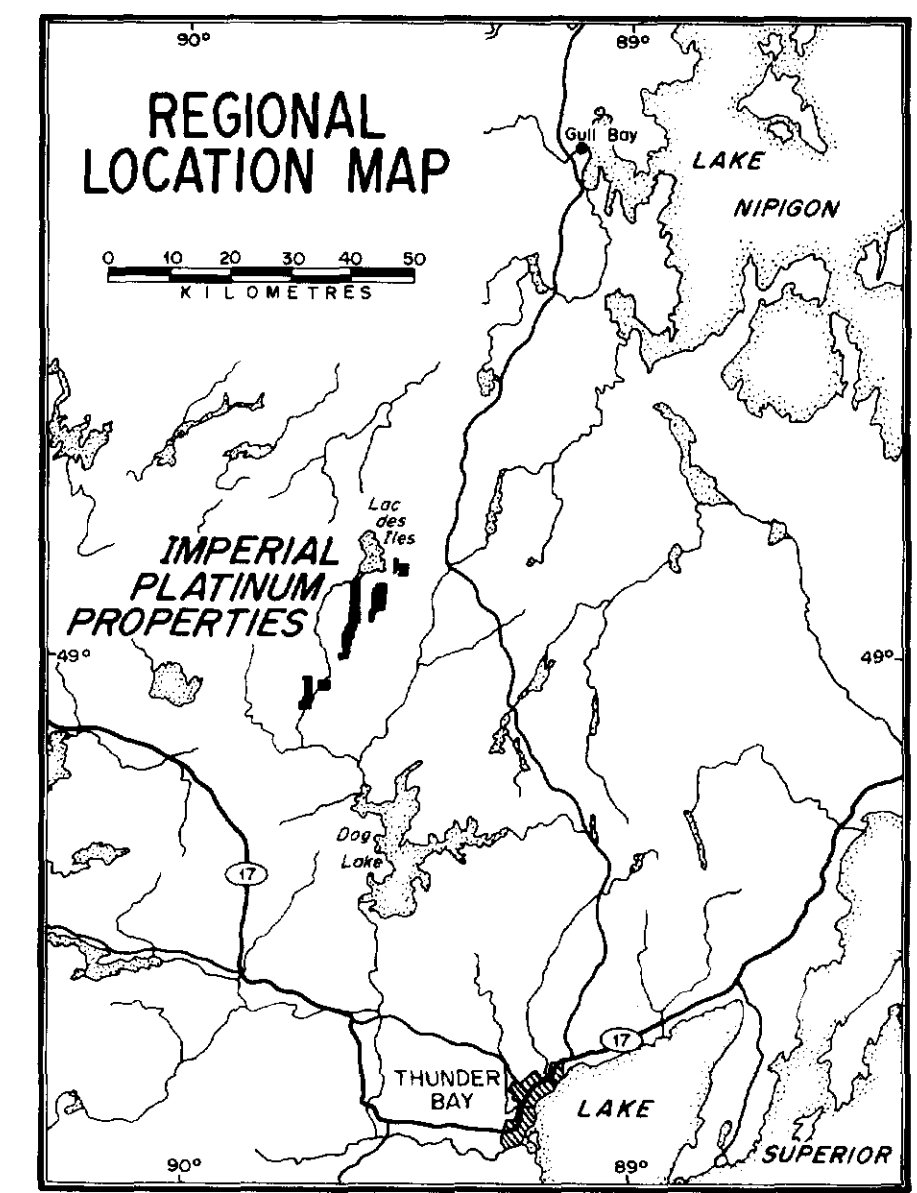
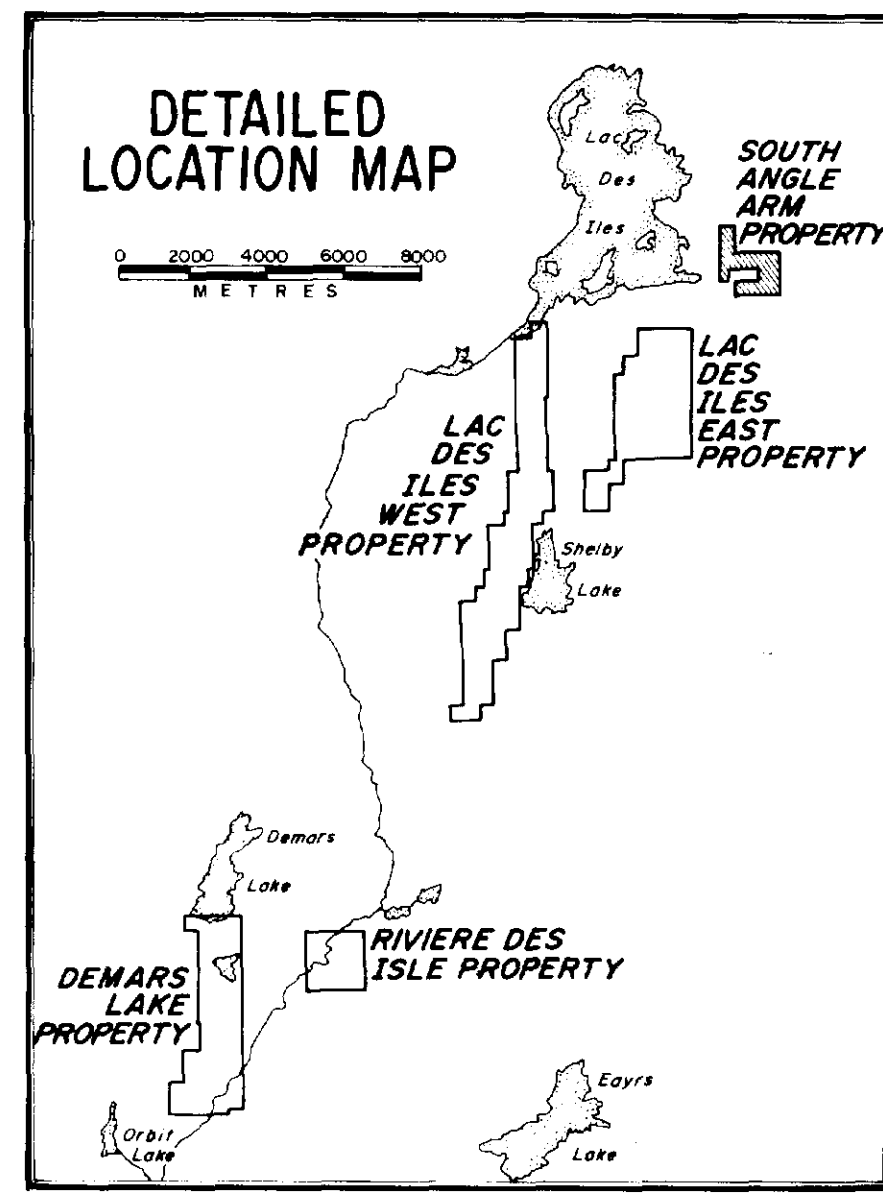
GEOLOGY

FIGURE / #1	DATE / NOV / 1987	CHECKED BY /
DRAWN BY / A.B.W.	N.T.S. / 2" = 1"	SCALE / 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

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NOTE: Change in station numbers from 5+00N to 13+00N

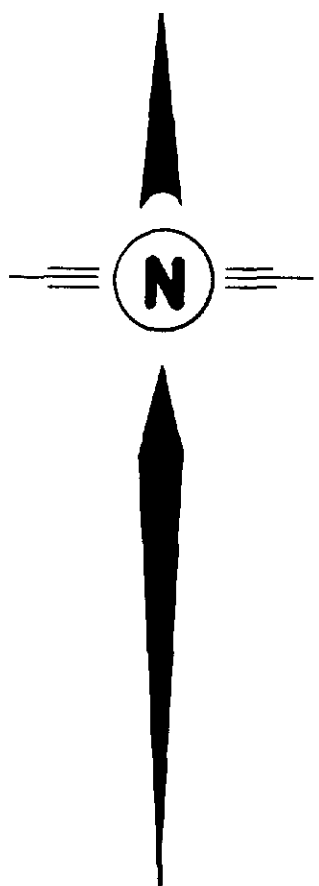
LEGEND

GEOLOGY

- 6 Diabase
- 5 5a - Granite
5b - Porphyritic Granite
- 4 4a - Gabbro
4b - Diorite
- 3 Metasediments
- 2 Metabasalt
- 1 Granitized

SYMBOLS

- △ Rock Sample
- Interpreted Contact
- Outcrop
- ⊖ Swamp
- ↗ Ridge
- Claimpost and Claim Lines



SCALE 1:2,500

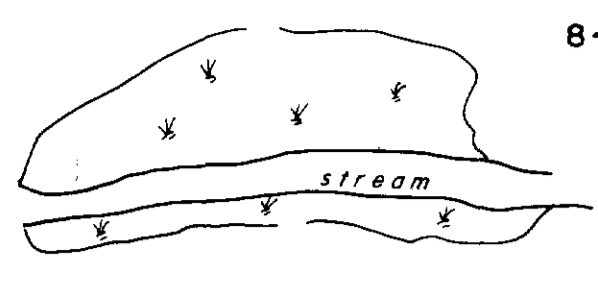
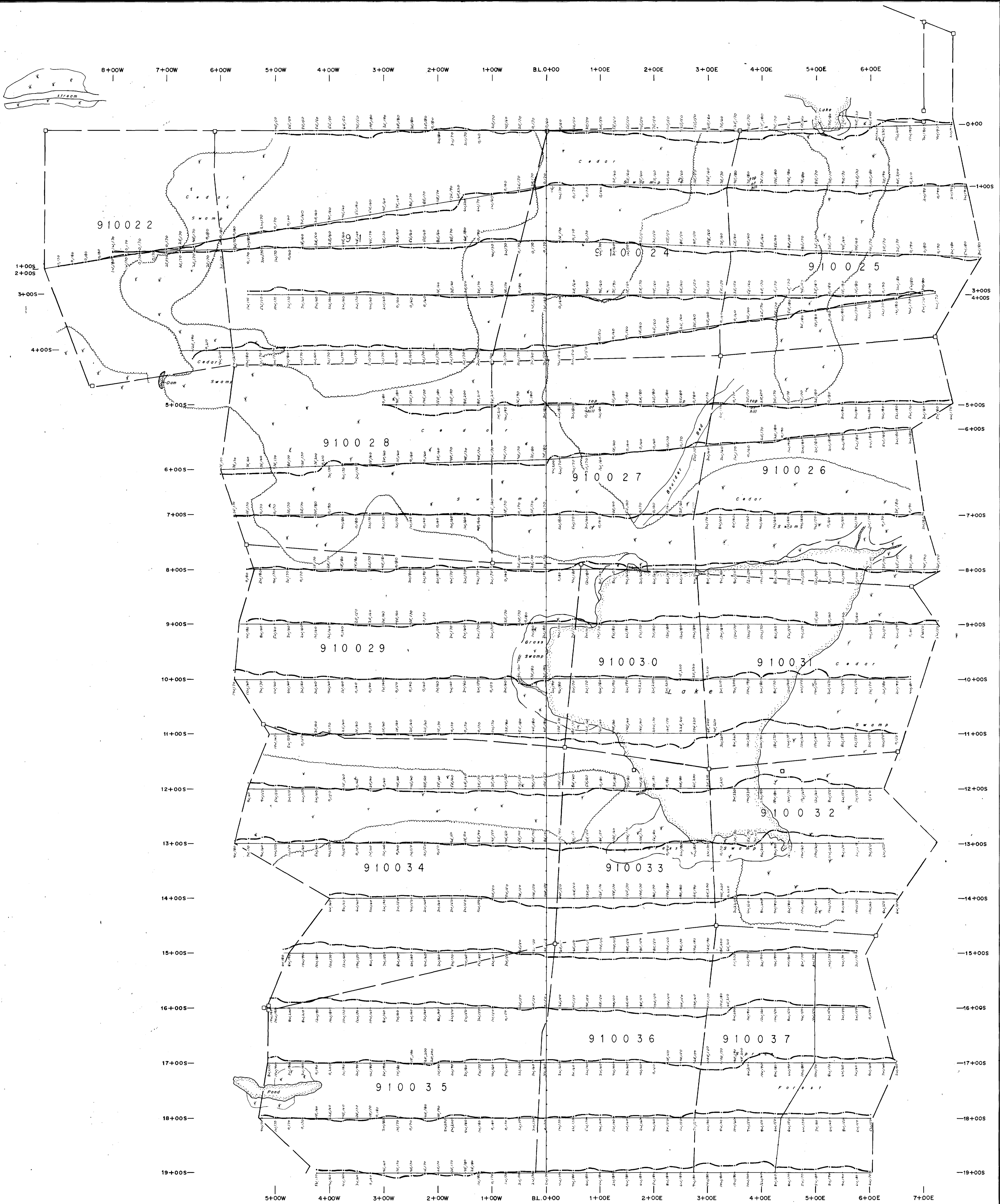


IMPERIAL PLATINUM CORP
SOUTH ANGLE ARM PROPERTY
GEOLOGY

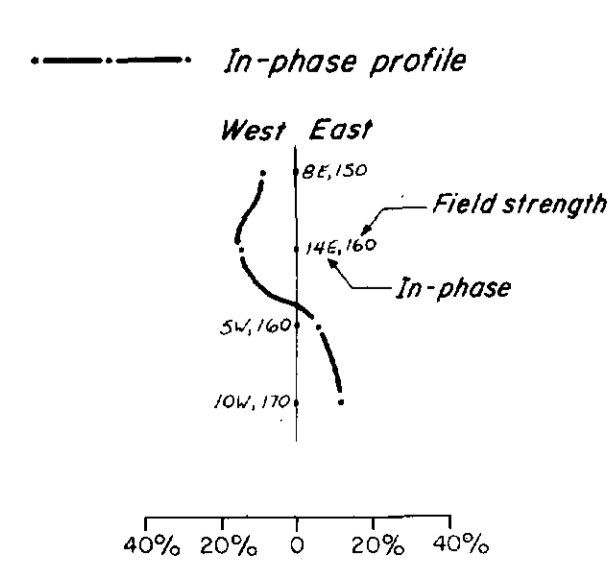
FIGURE 1 of 1	DATE NOV. 1987	CHECKED BY
DRAWN BY A.B.N.	N.T.S. 52 HW4	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

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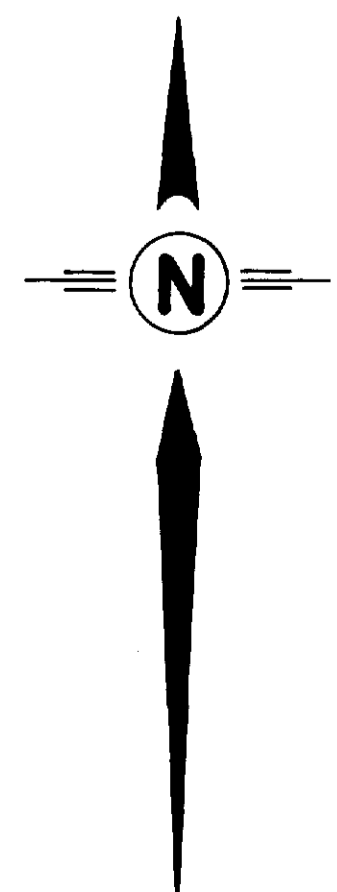
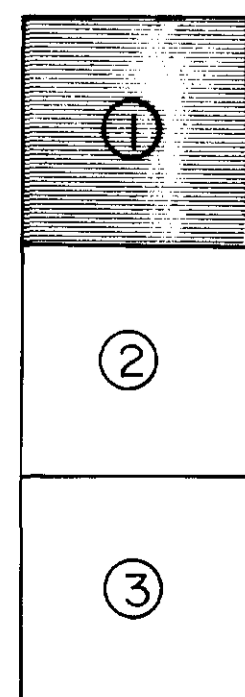




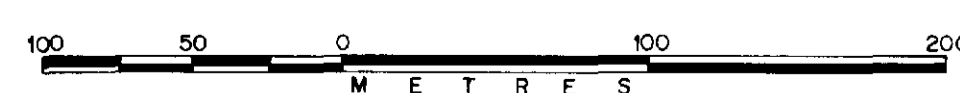
LEGEND



SHEET INDEX



SCALE



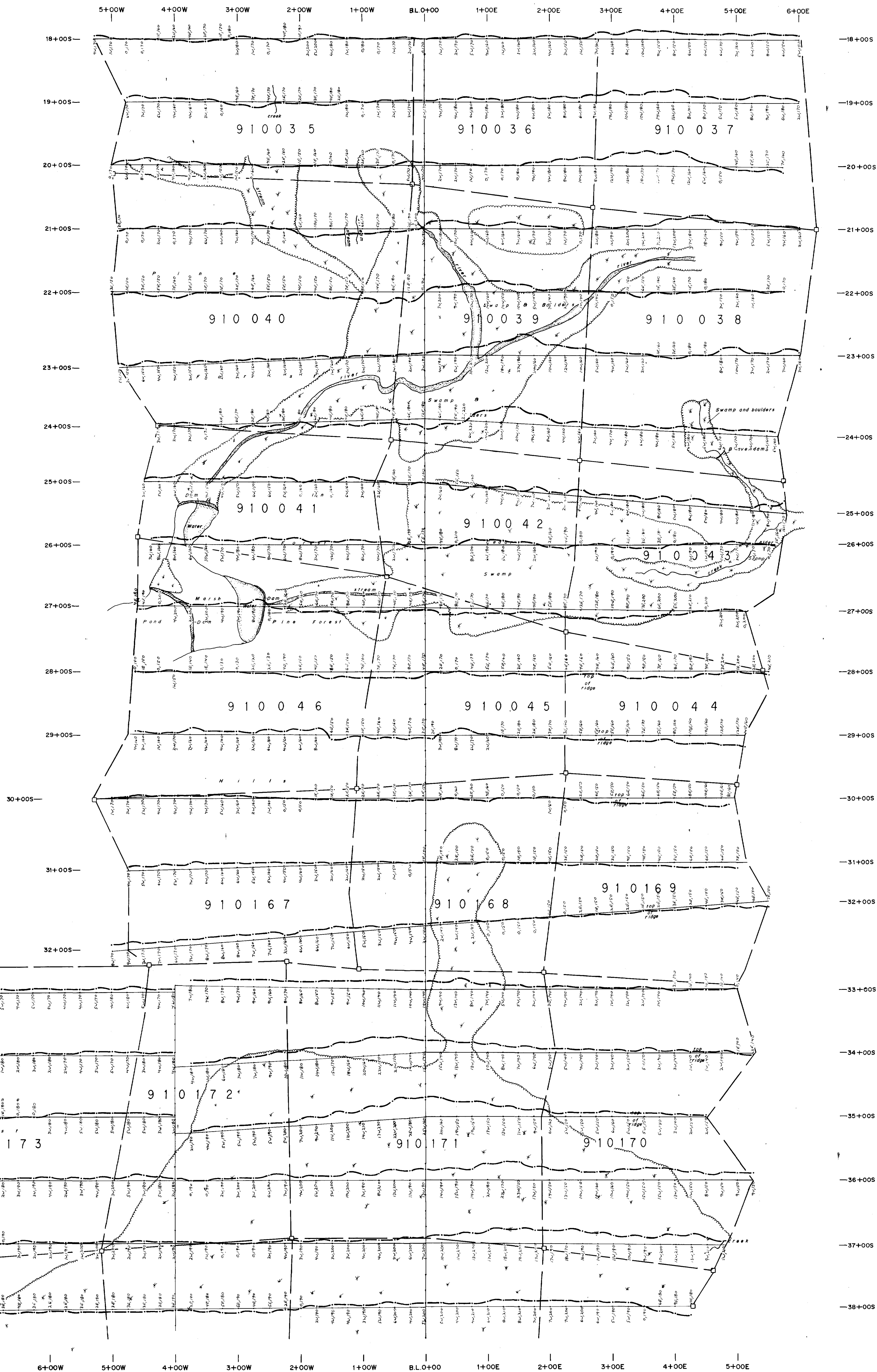
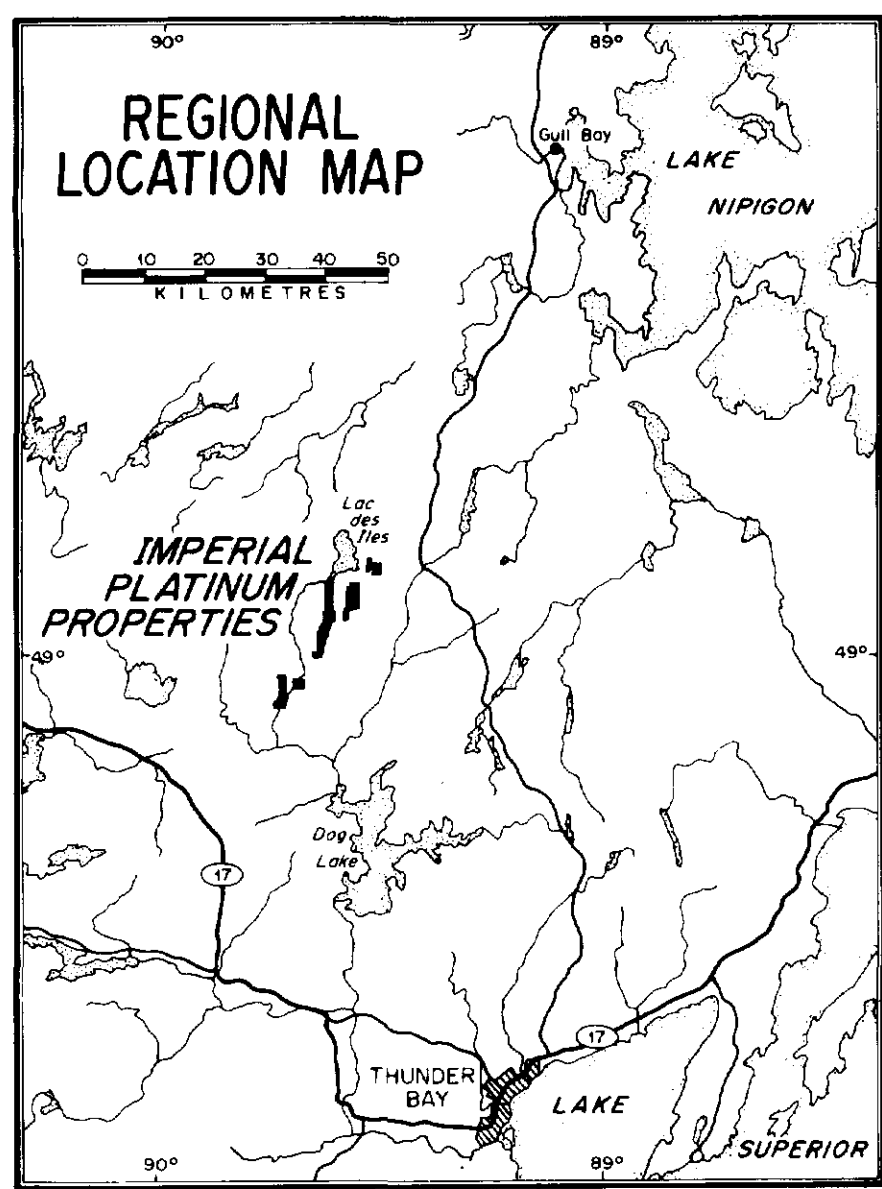
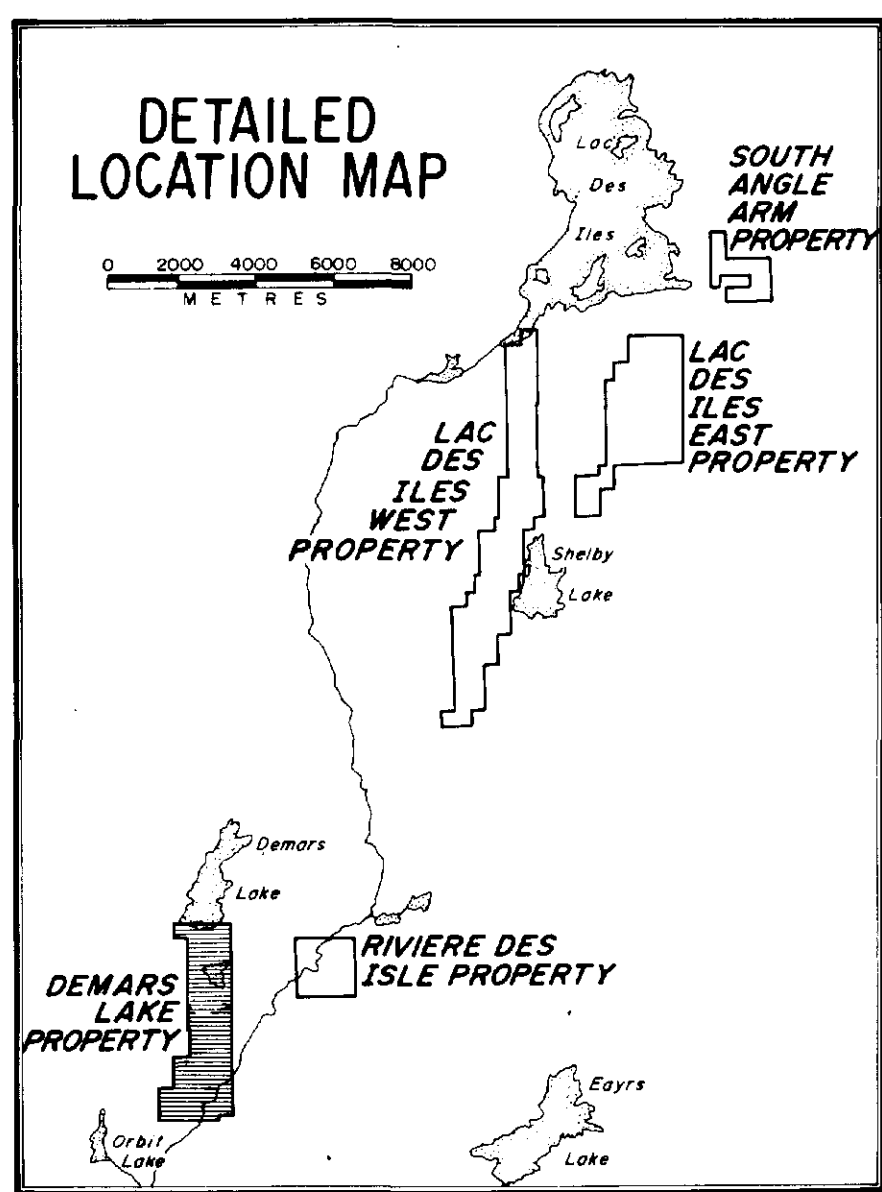
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IMPERIAL PLATINUM CORP.
 DEMARS LAKE PROPERTY
CRONE RADEM EM

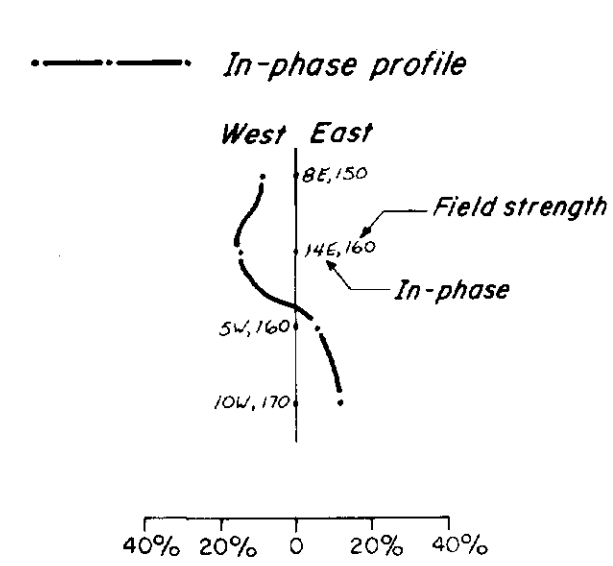
FIGURE: 1	DATE: NOV 1987	CHECKED BY:
DRAWN BY: ARW	N.T.S. 5/2 H/4	SCALE: 1/2,500
A.C.A. HOWE INTERNATIONAL LTD.		

Site Plan

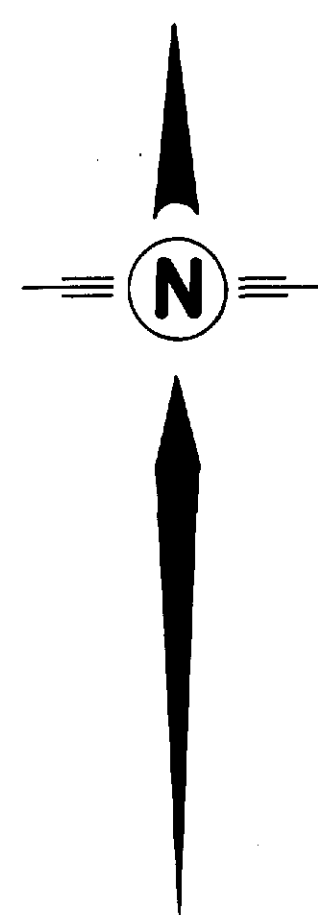
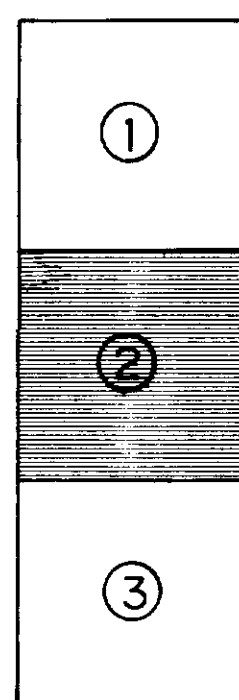




LEGEND



SHEET INDEX



SCALE



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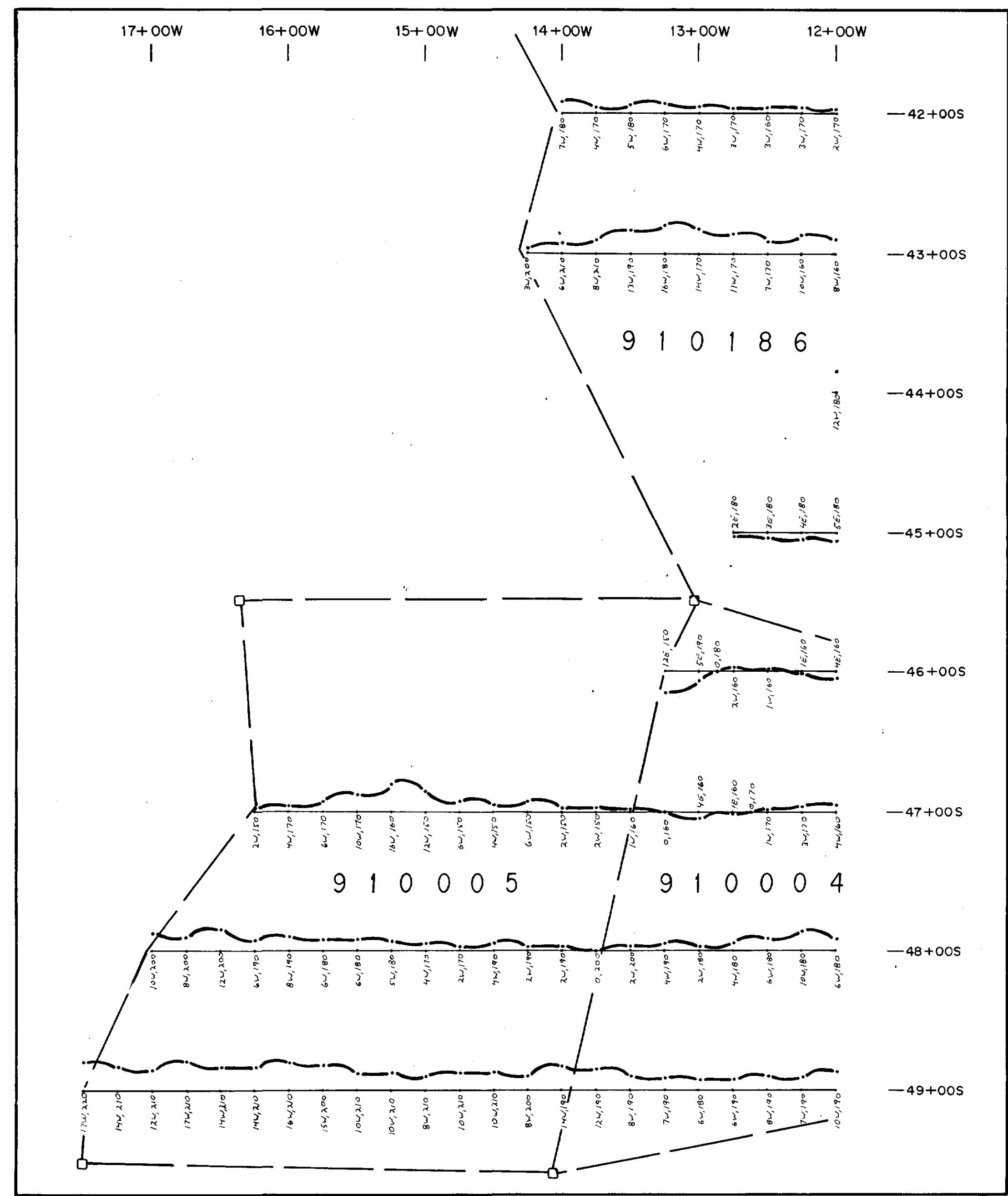
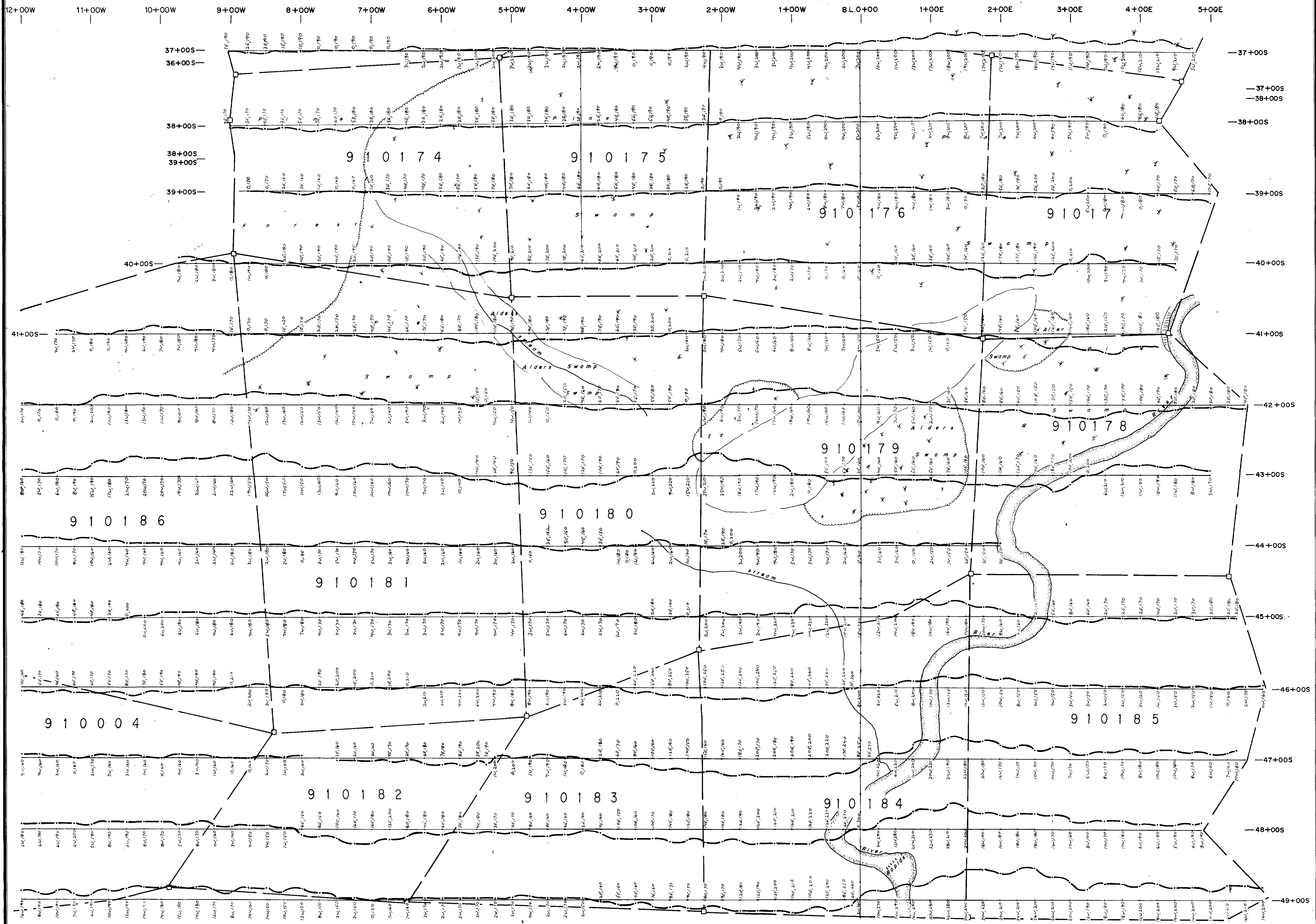
IMPERIAL PLATINUM CORP.

DEMARS LAKE PROPERTY

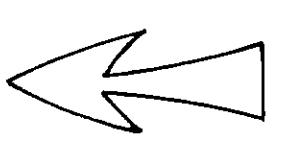
CRONE RADEM EM

FIGURE 2	DATE NOV 1987	CHECKED BY:
DRAWN BY: AHW	N.T.S. 52N/4	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

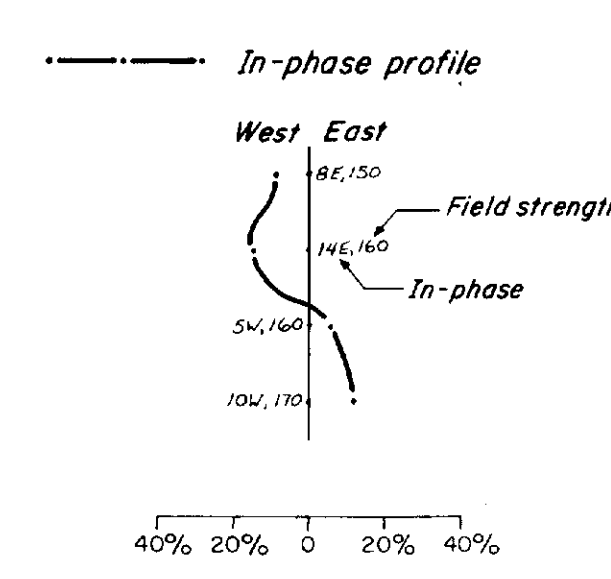
Rte Est



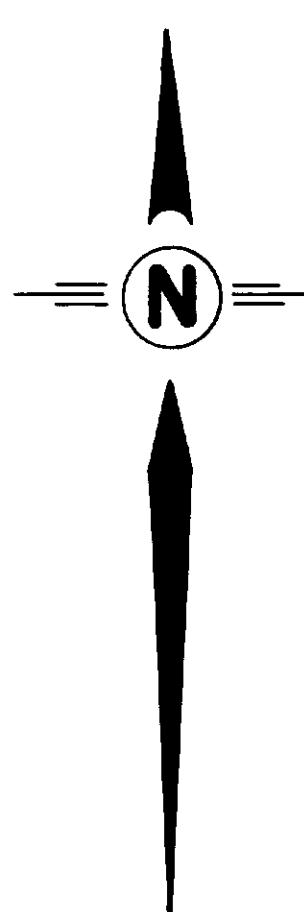
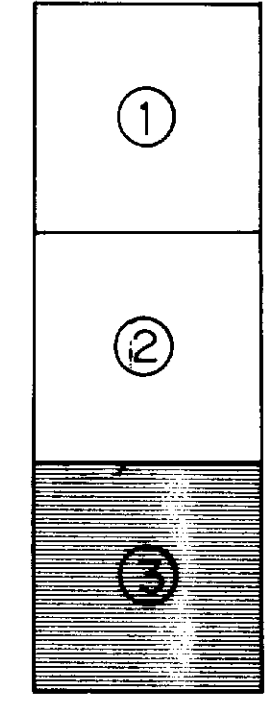
NOTE: L42 to L49
Continues from
12+00W to 17+50W



LEGEND



SHEET INDEX



SCALE

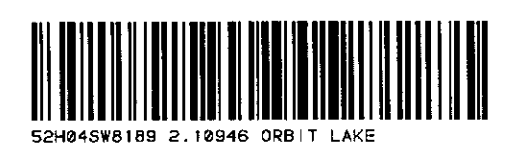


IMPERIAL PLATINUM CORP.
DEMARS LAKE PROPERTY
CRONE RADEM EM

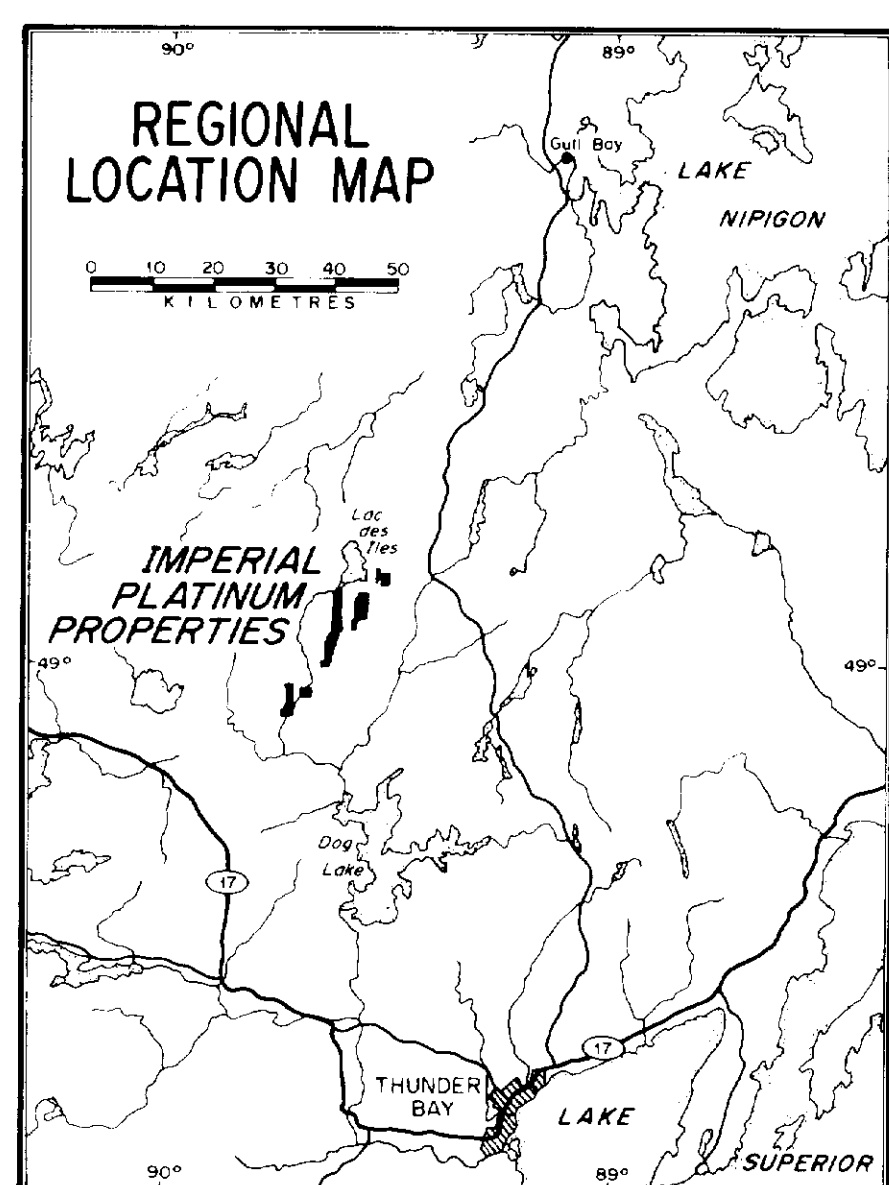
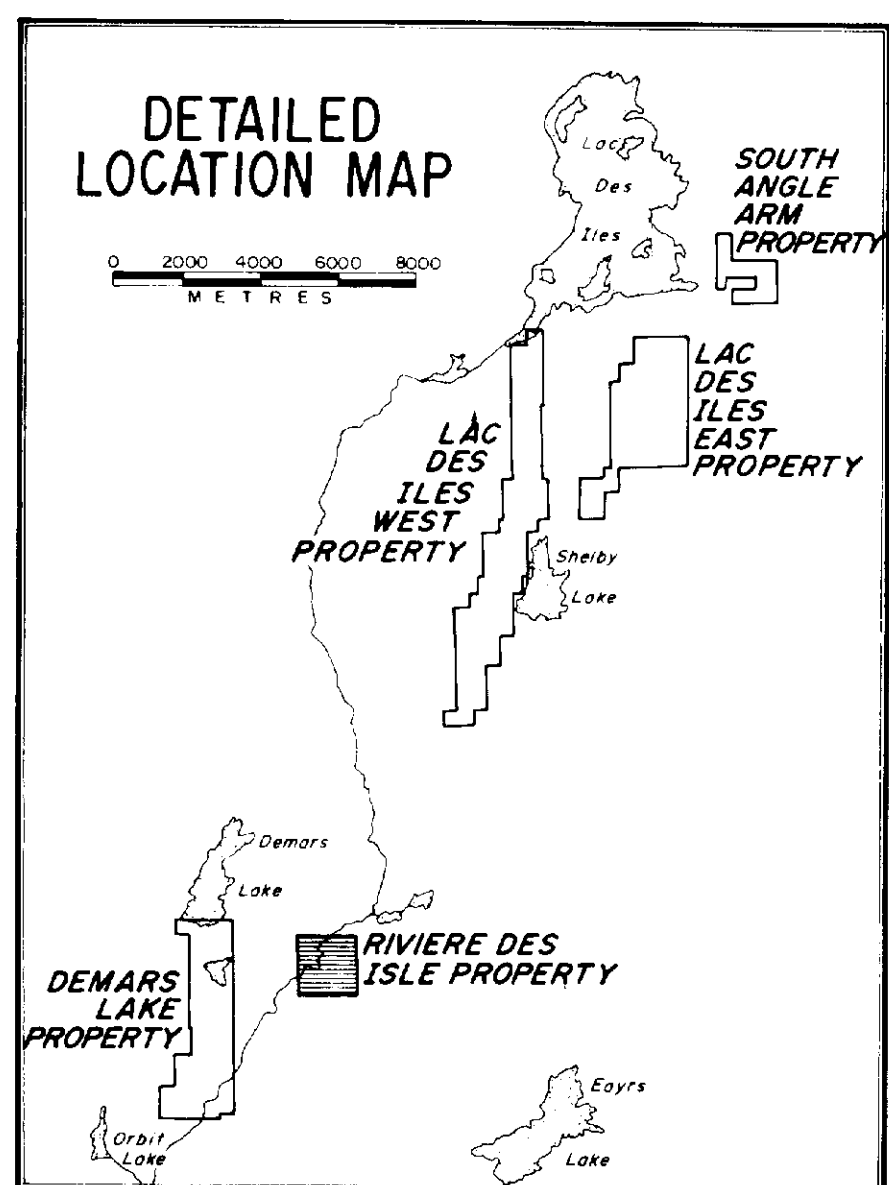
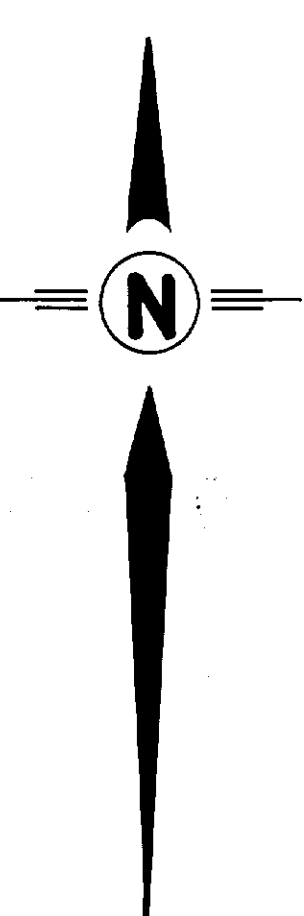
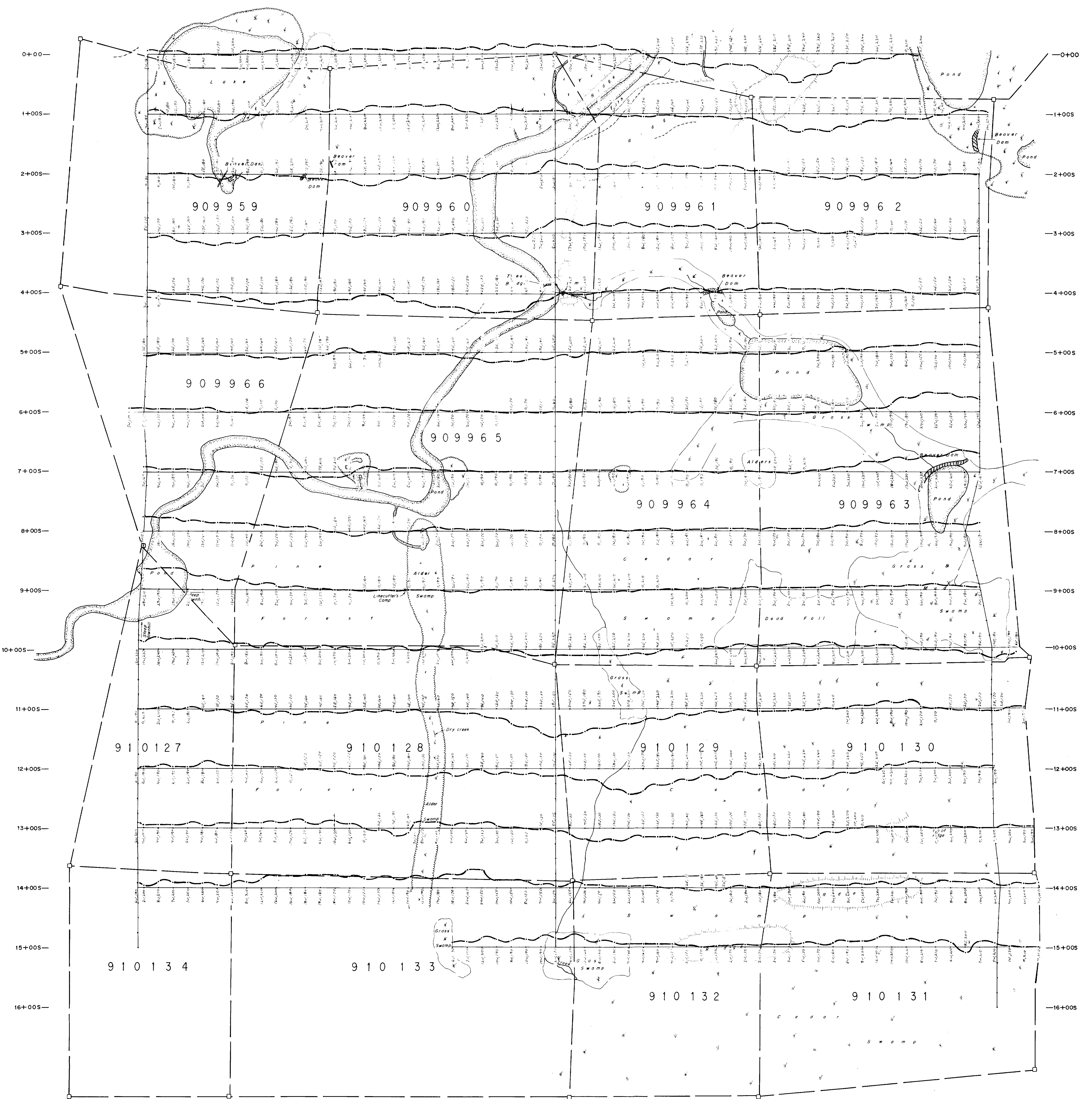
FIGURE: 3	DATE: NOV 1997	CHECKED BY:
DRAWN BY: A.G.W.	N.T.S. 54 H/4	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

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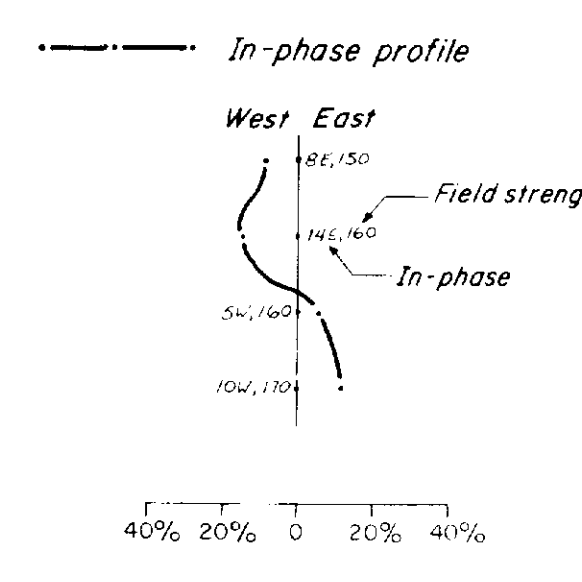
Bts Ekt



TL 7+00W 6+00W 5+00W 4+00W 3+00W 2+00W 1+00W BL 0+00 1+00E 2+00E 3+00E 4+00E 5+00E 6+00E TL 7+00E



LEGEND

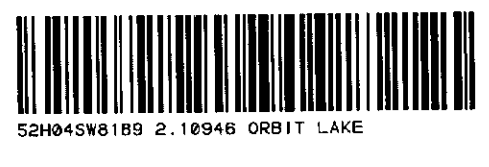


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IMPERIAL PLATINUM CORP.
 RIVIERE DES ILES
CRONE RADEM EM

FIGURE: 1	DATE: NOV 1987	CHECKED BY:
DRAWN BY: ABW	N.T.S. 52 H/4	SCALE: 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

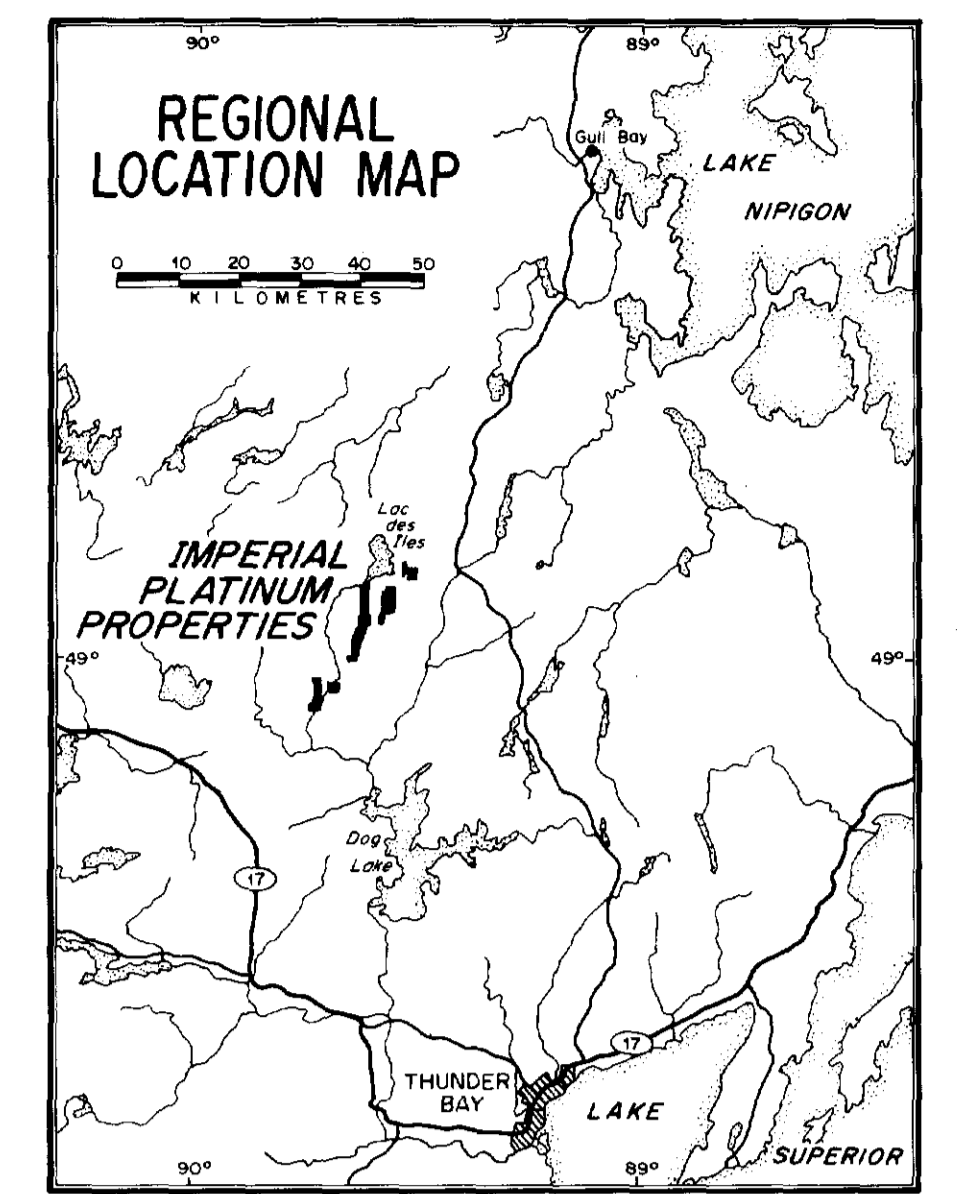
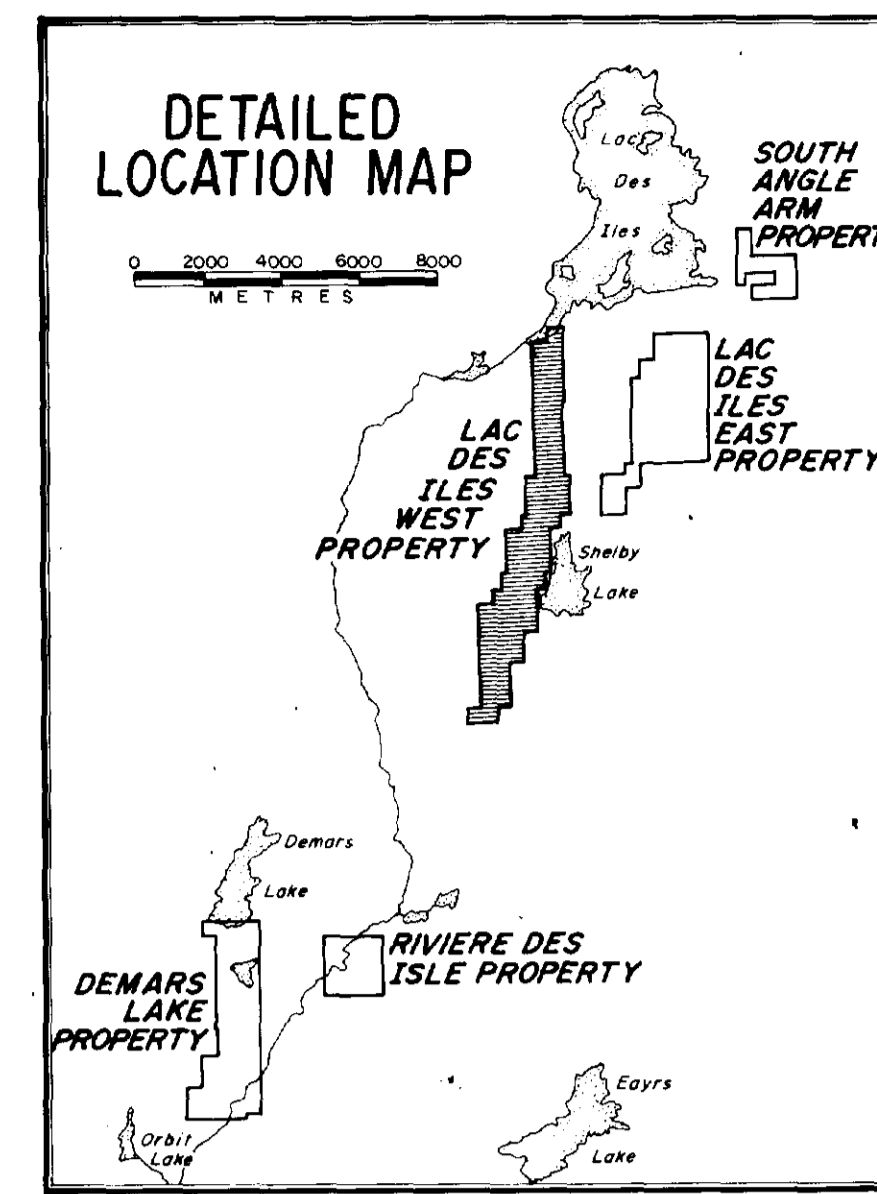
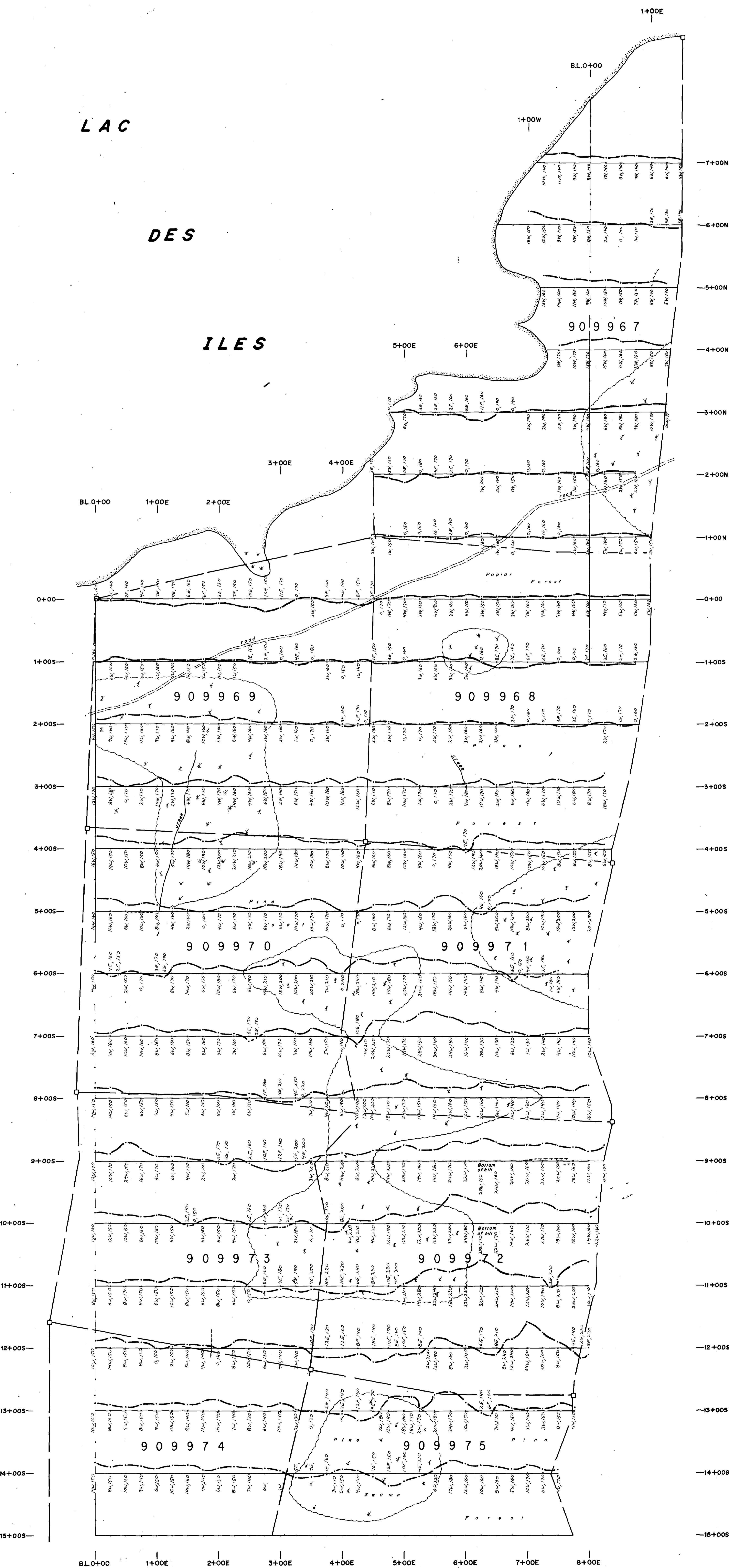
lt et



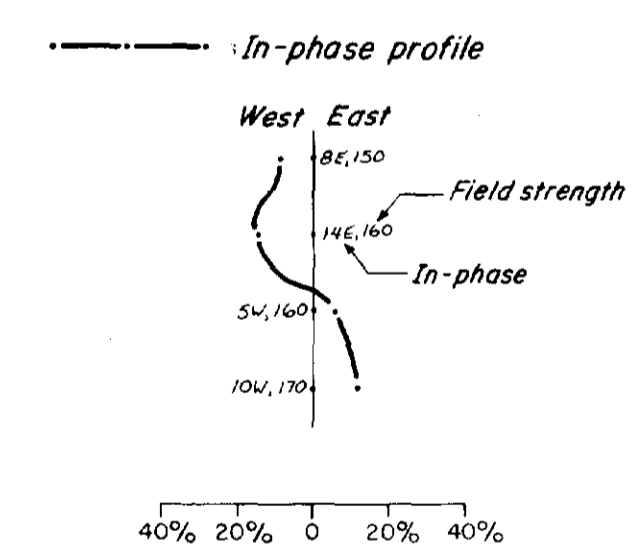
LAC

DES

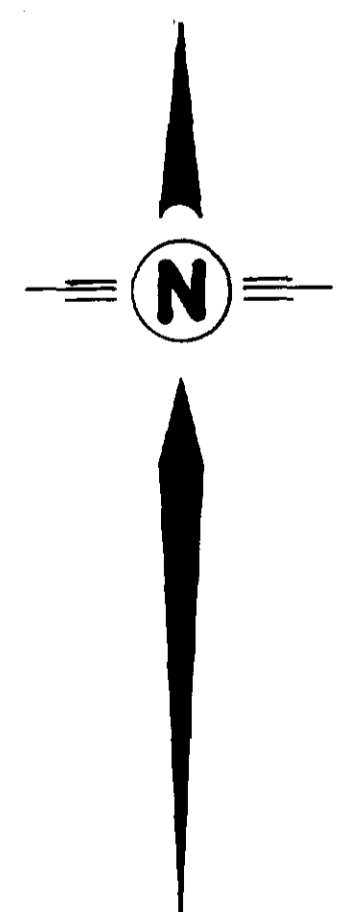
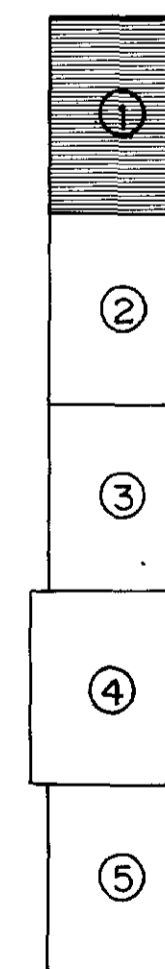
ILES



LEGEND



SHEET INDEX



SCALE



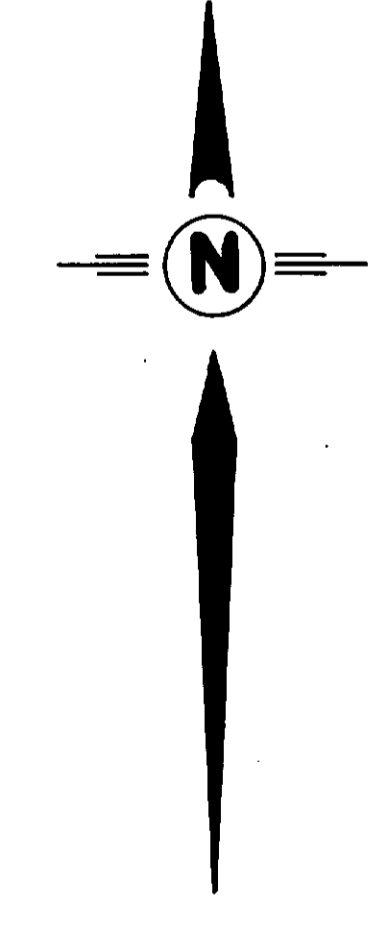
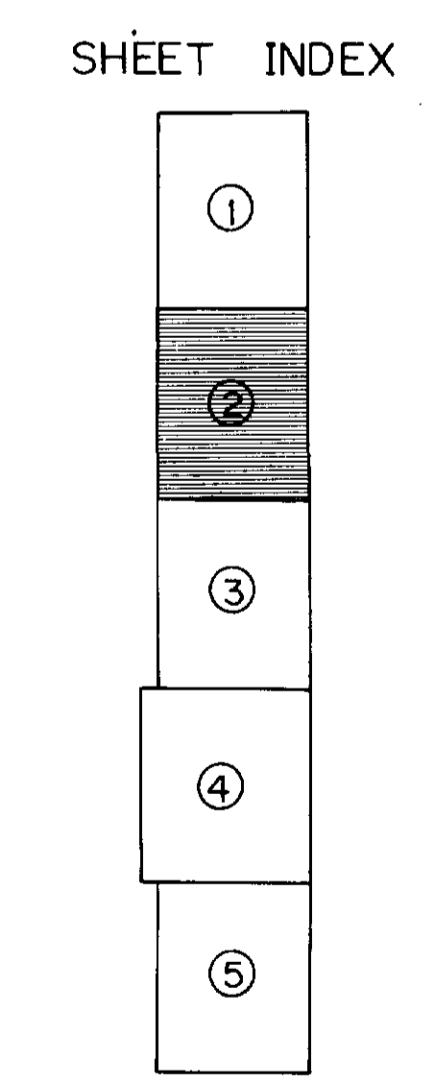
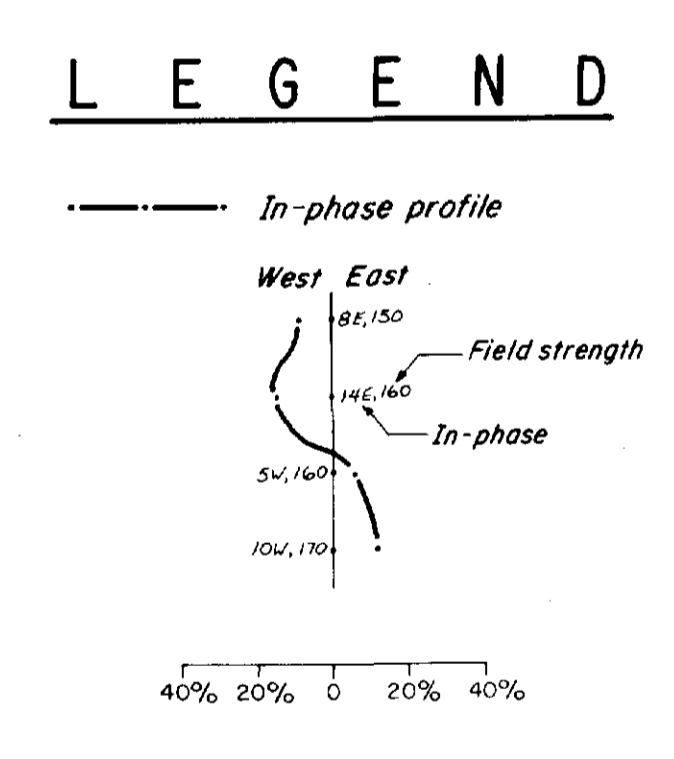
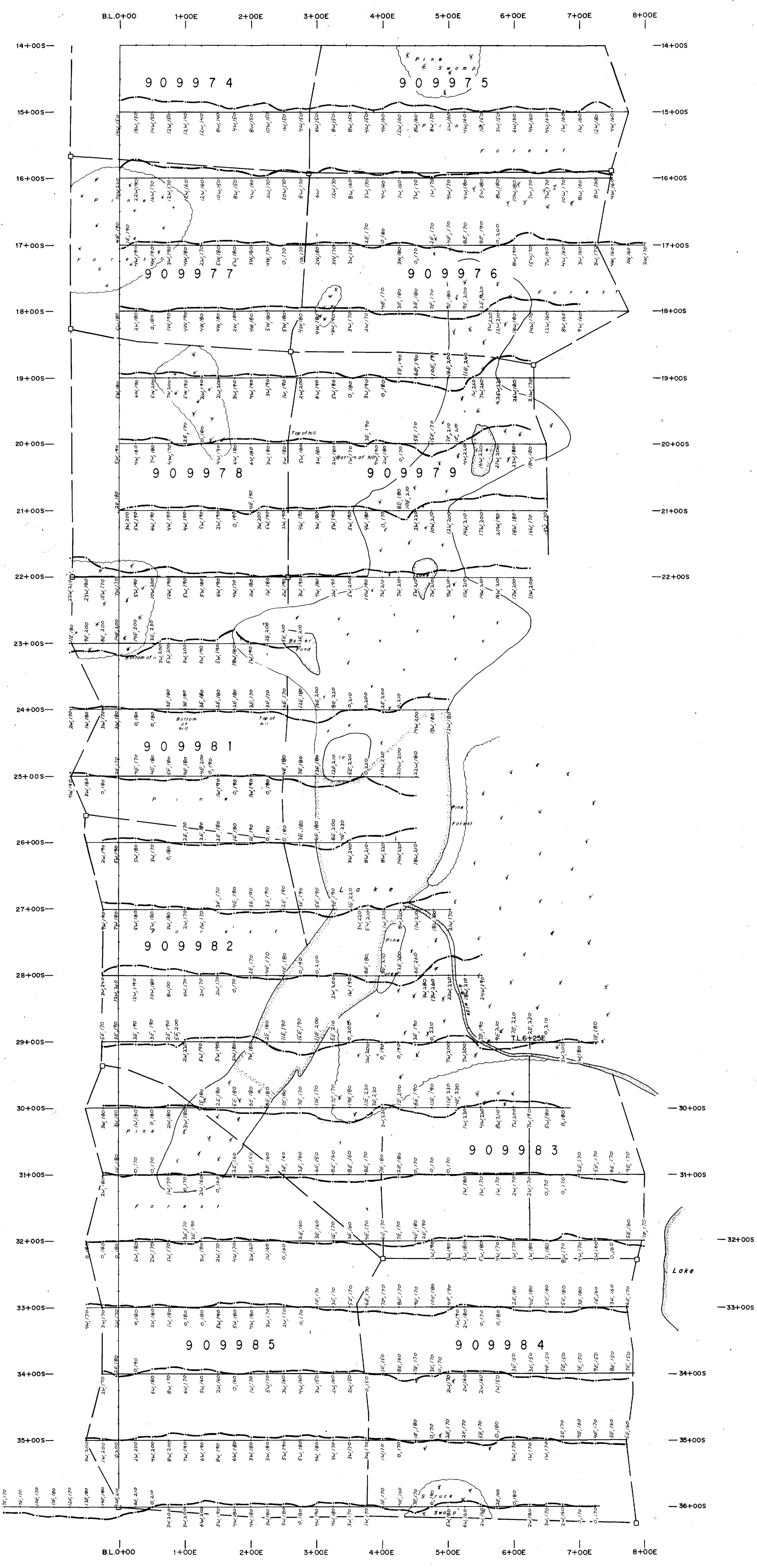
2.10946

IMPERIAL PLATINUM CORP.
LAC DES ILES WEST GRID
CRONE RADEM EM

FIGURE: 1	DATE: NOV 1987	CHECKED BY:
DRAWN BY: ABN	N.T.S. 52 H/4	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		



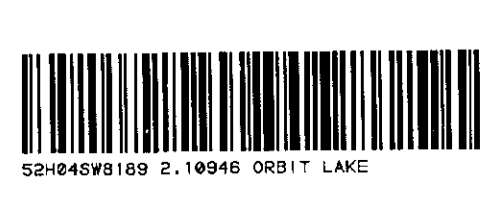
Rt. 64

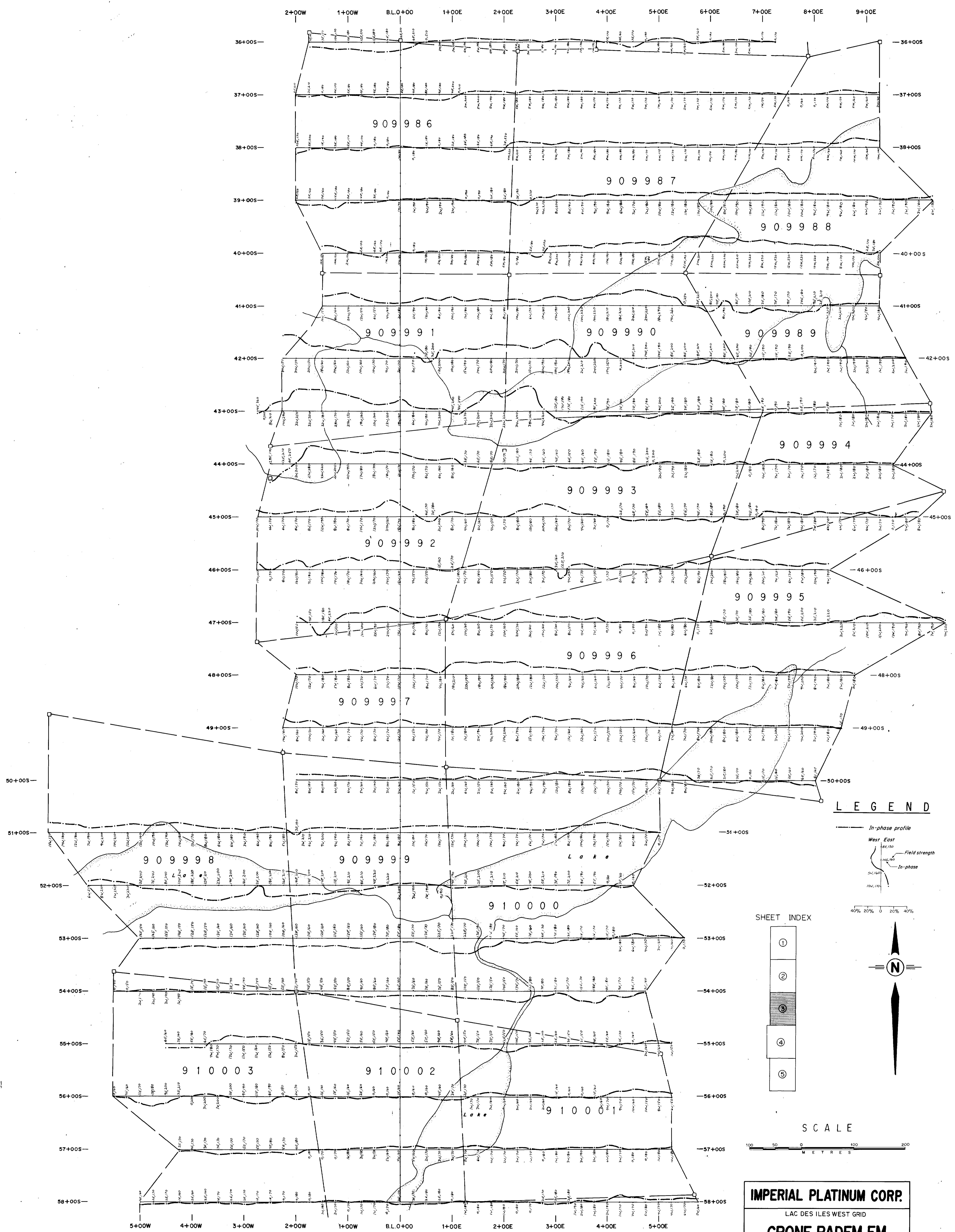


IMPERIAL PLATINUM CORP.		
LAC DES ILES WEST GRID		
CRONE RADEM EM		
FIGURE: 2	DATE: NOV 1987	CHECKED BY:
DRAWN BY: ABW	N.T.S. 52 H/4	SCALE: 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

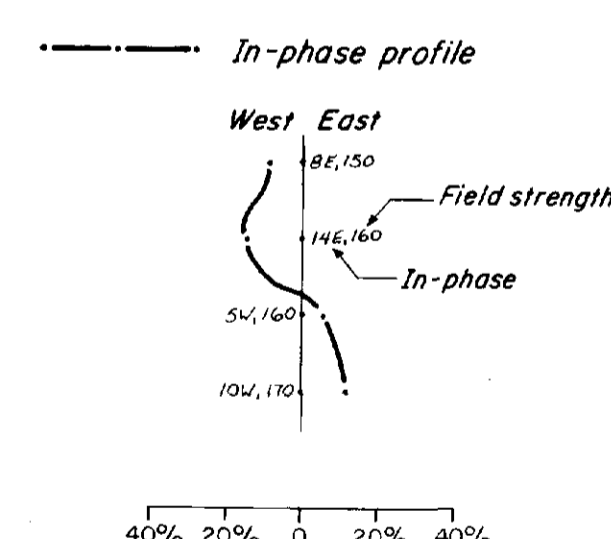
2.10946

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LEGEND



SHEET INDEX



SCALE

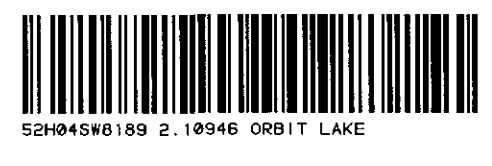


IMPERIAL PLATINUM CORP.
 LAC DES ILES WEST GRID
CRONE RADEM EM

FIGURE 3	DATE JAN. 1988	CHECKED BY
DRAWN BY ARN	N.T.S. 52 N/4	SCALE 1/2,500
A.C.A. HOWE INTERNATIONAL LTD.		

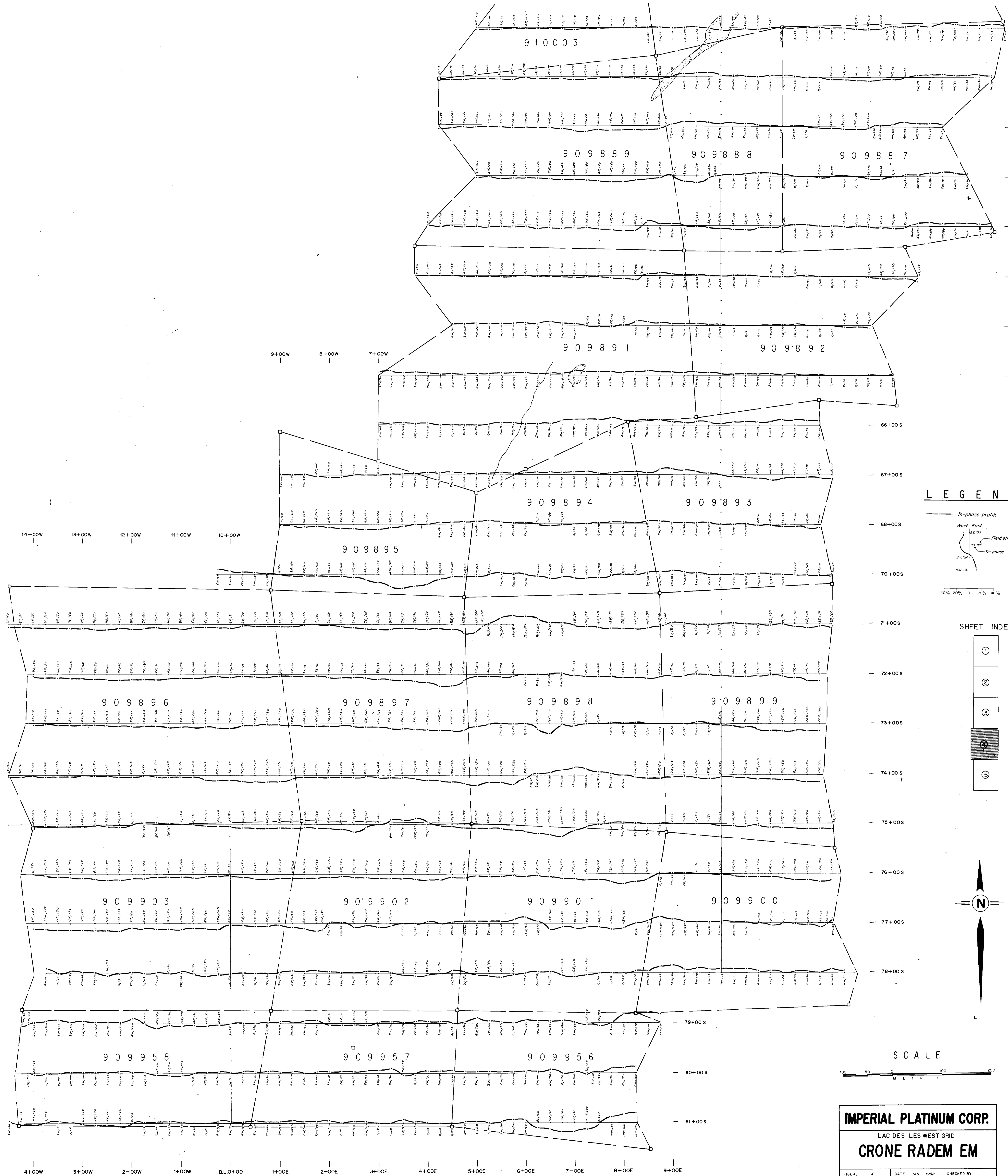
2.10946

Rte. etc.

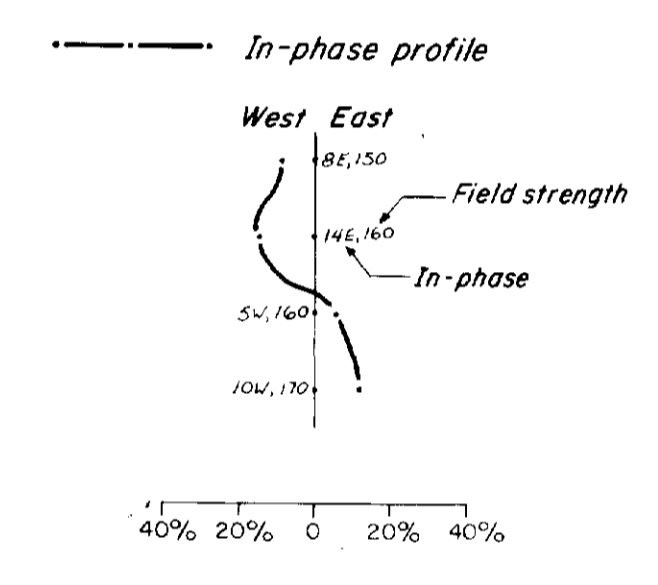


6+00W 5+00W 4+00W 3+00W 2+00W 1+00W BL.0+00 1+00E 2+00E 3+00E 4+00E 5+00E

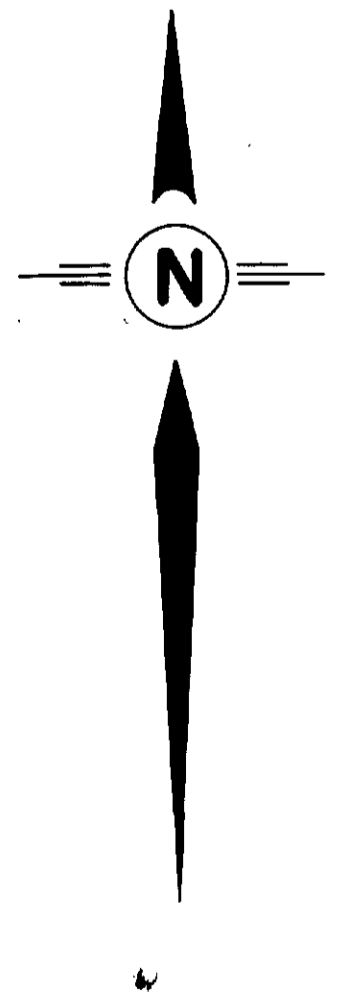
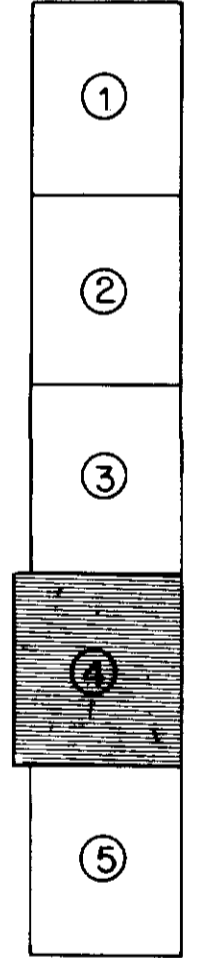
58+00S
59+00S
60+00S
61+00S
62+00S
63+00S
64+00S
65+00S



LEGEND



SHEET INDEX



SCALE

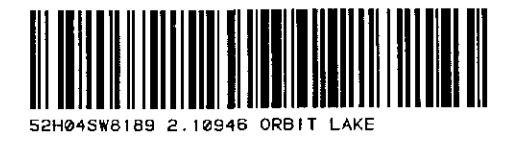


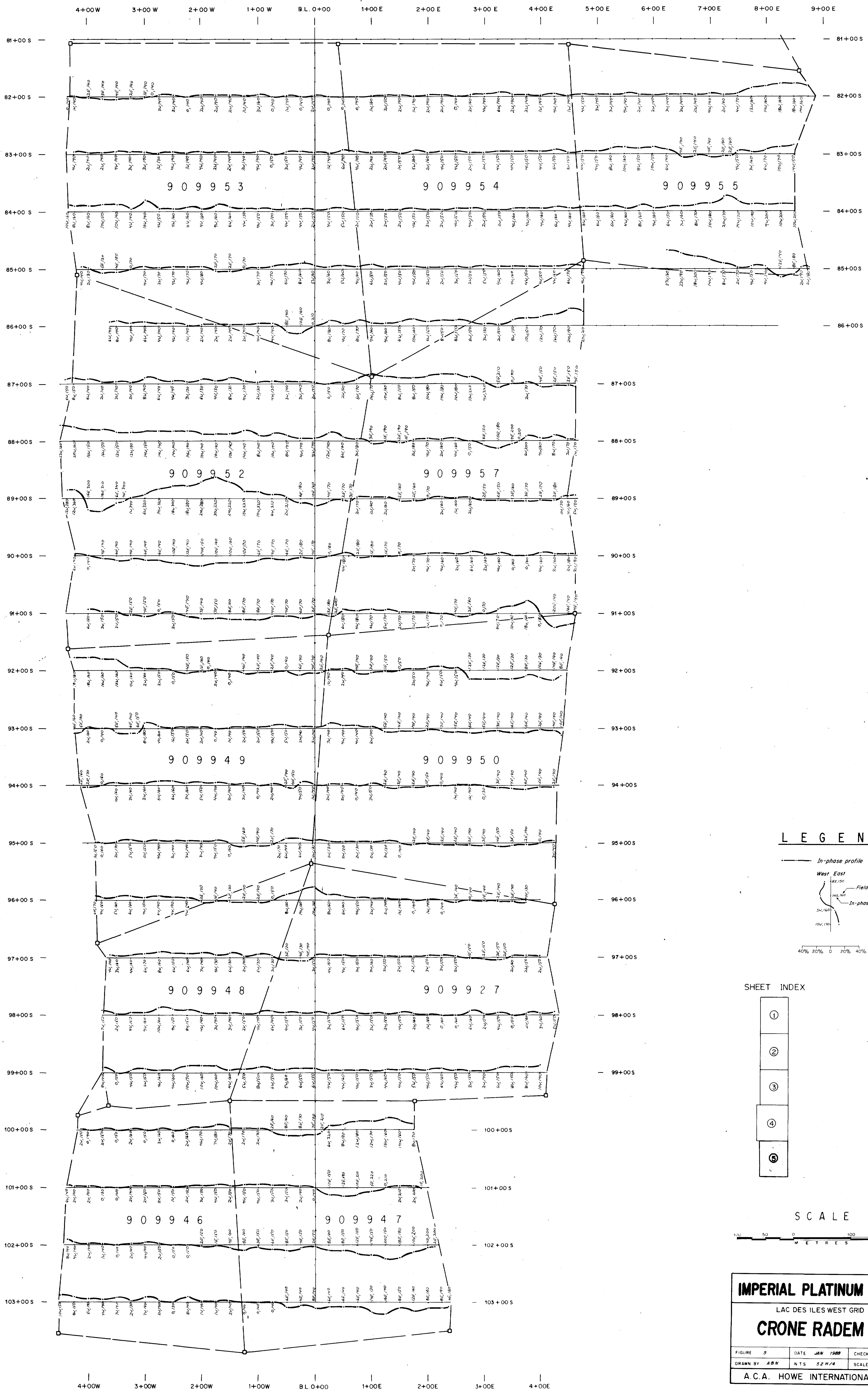
IMPERIAL PLATINUM CORP.
LAC DES ILES WEST GRID
CRONE RADEM EM

FIGURE #	DATE	W/JN 1988	CHECKED BY
DRAWN BY A.B.N.	N.T.S.	52 N/4	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.			

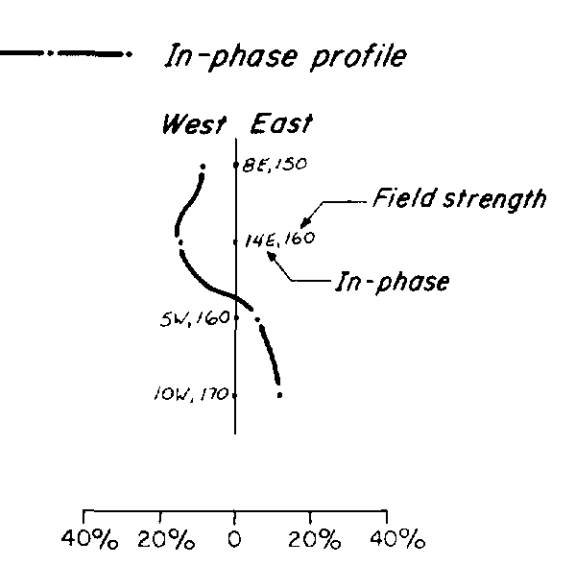
2.10946

etc etc





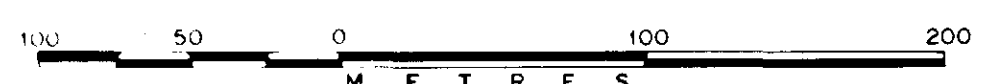
LEGEND



SHEET INDEX

1
2
3
4
5

SCALE

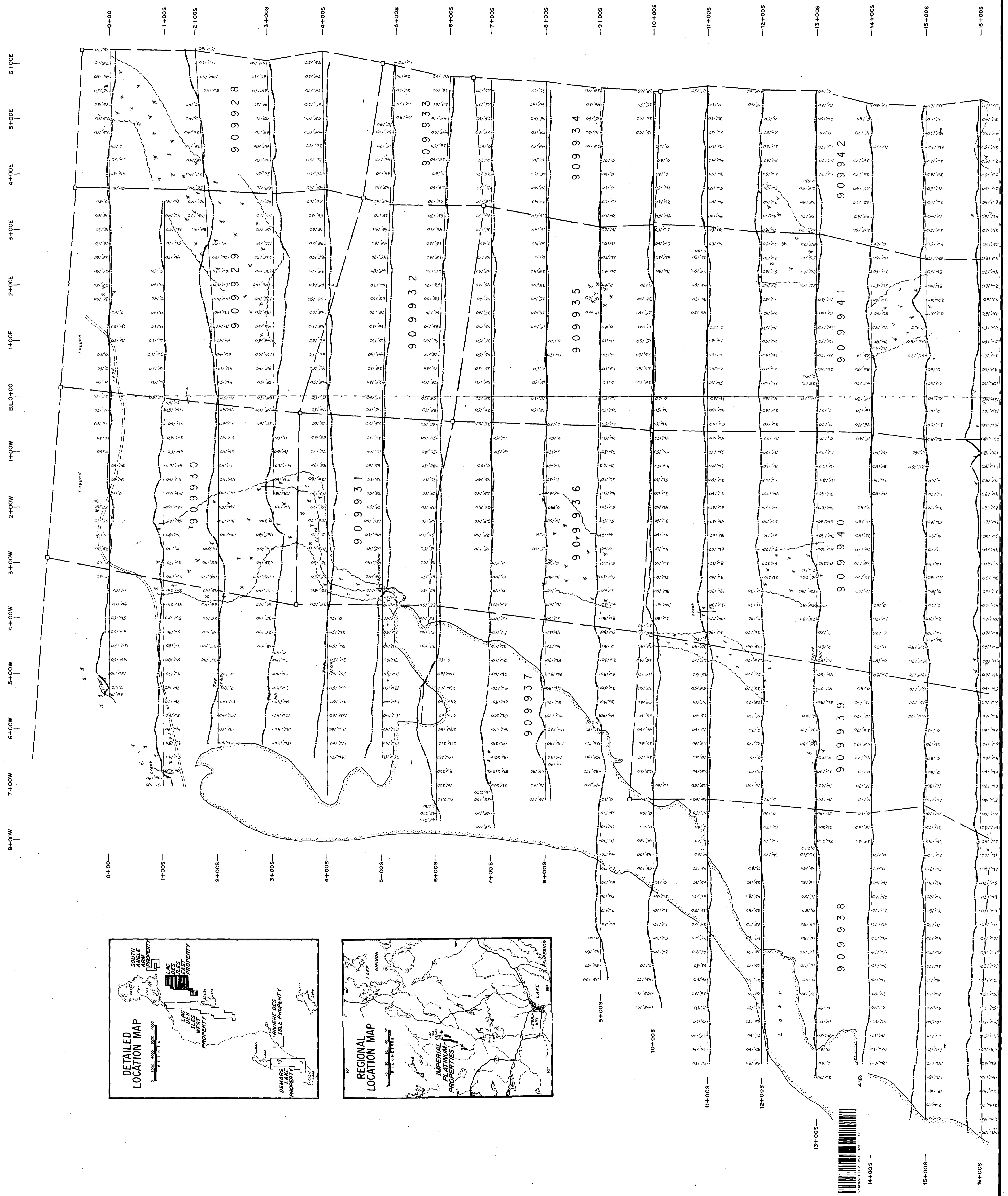
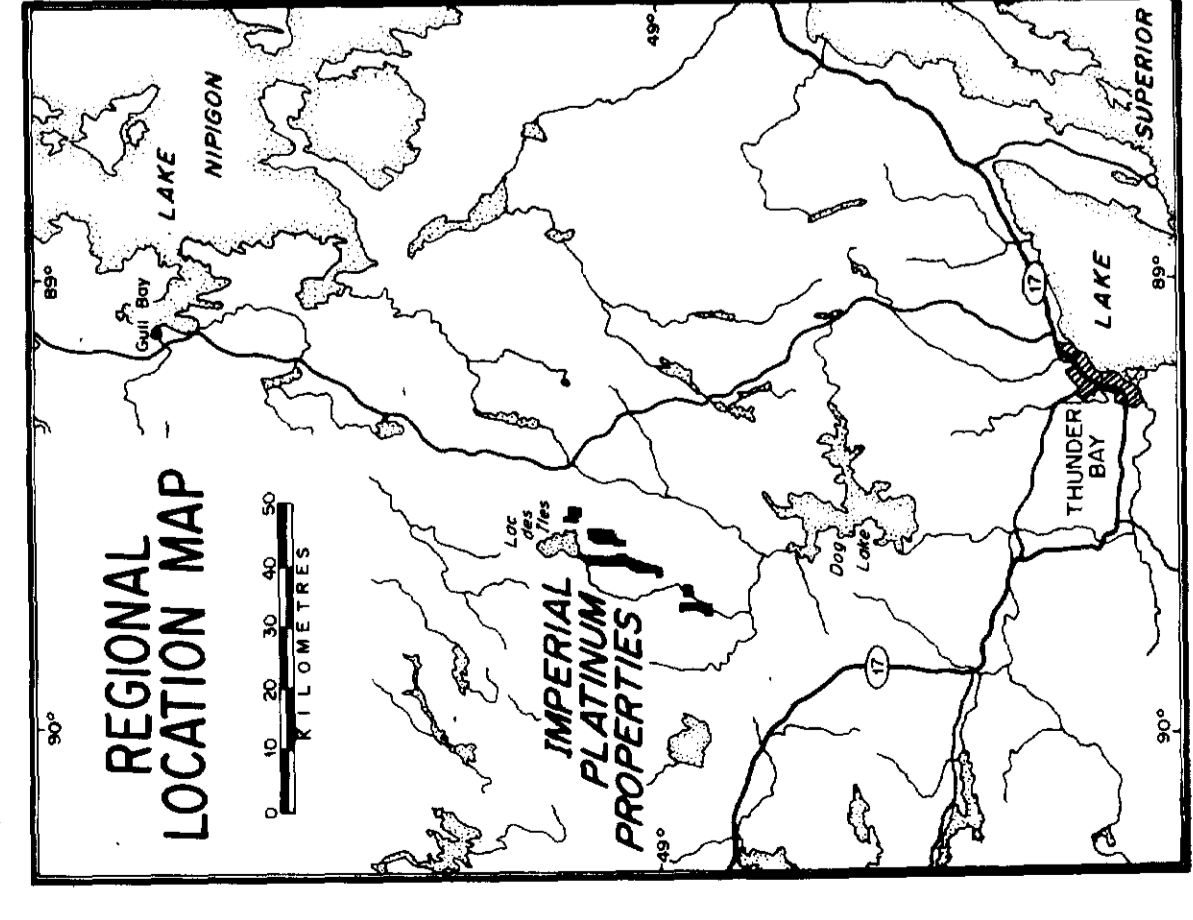
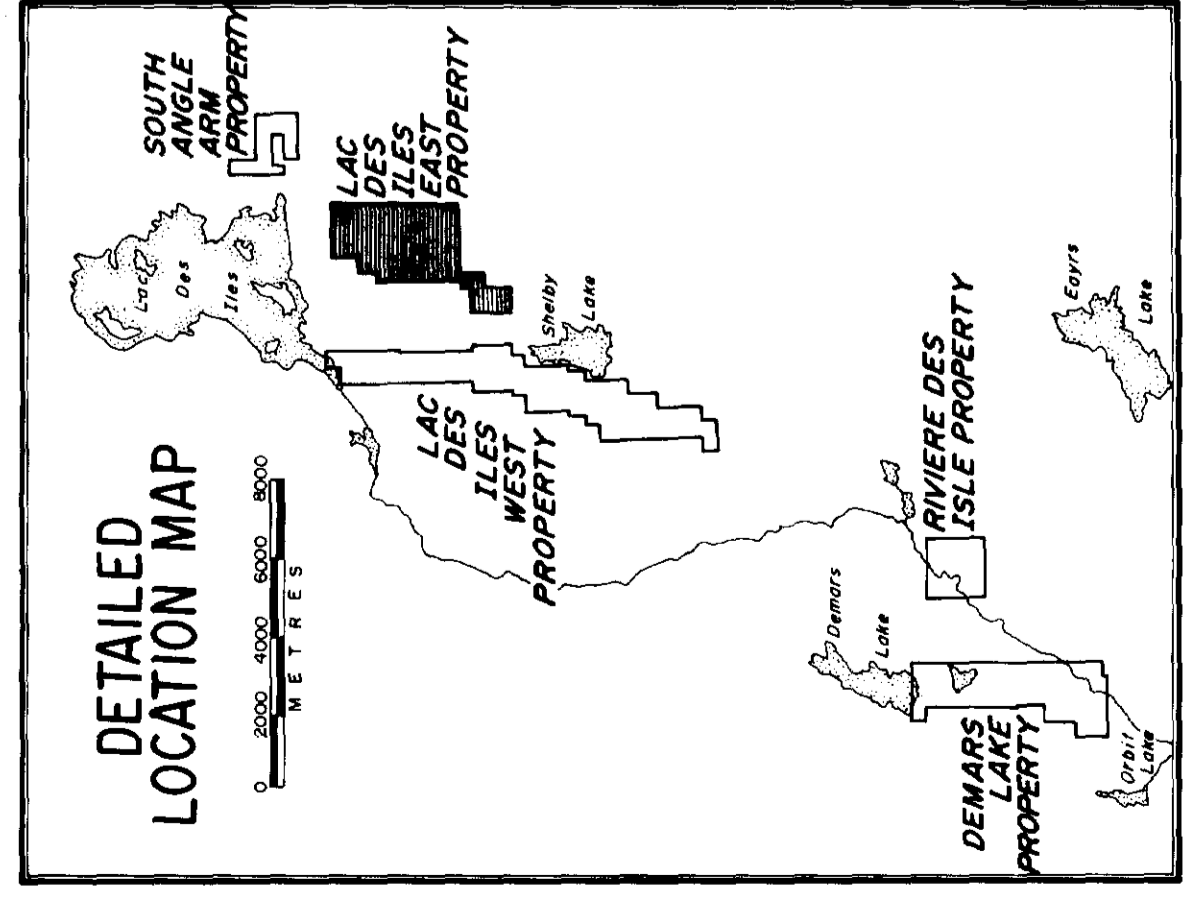


IMPERIAL PLATINUM CORP.		
LAC DES ILES WEST GRID		
CRONE RADEM EM		
FIGURE 5	DATE JUN 1988	CHECKED BY
DRAWN BY ABN	N.TS 52 H/A	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

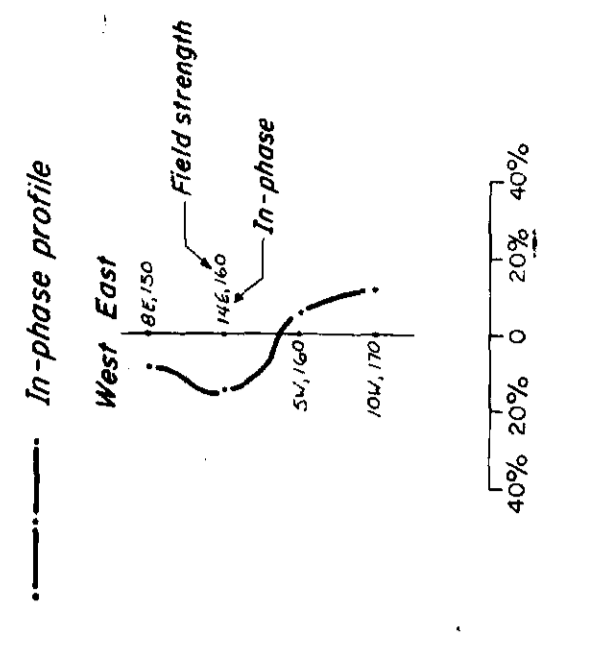
2.10946

Pete Stutz

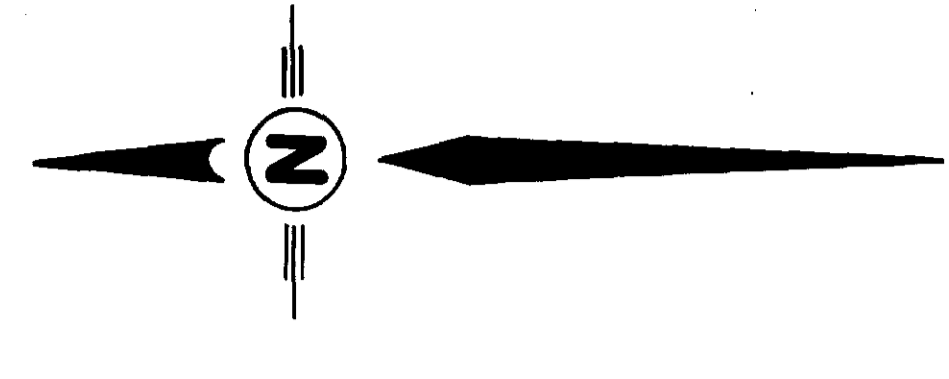
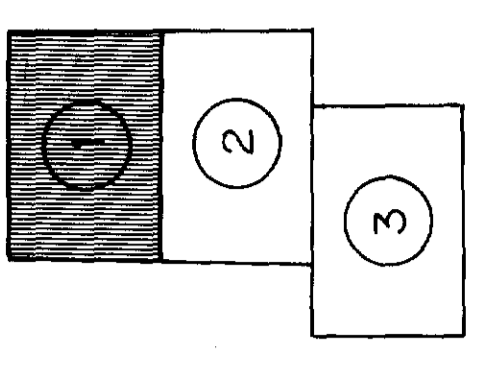




LEGEND



SHEET INDEX



SCALE



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IMPERIAL PLATINUM CORP.
LAC DES ILES EAST GRID

CRONE RADEM EM

FIGURE: 1	DATE: NOV 1987	CHECKED BY:
DRAWN BY: J.S.P.	N.T.S. 2: 1	SCALE: 1:2,500

A.C.A. HOWE INTERNATIONAL LTD.

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IMPERIAL PLATINUM CORP.
LAC DES ILES EAST GRID

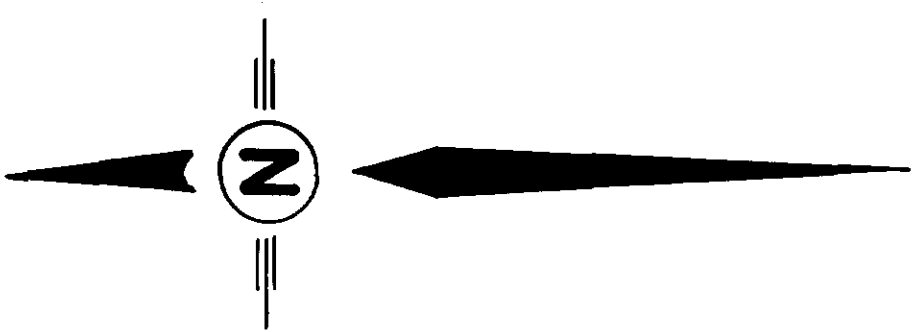
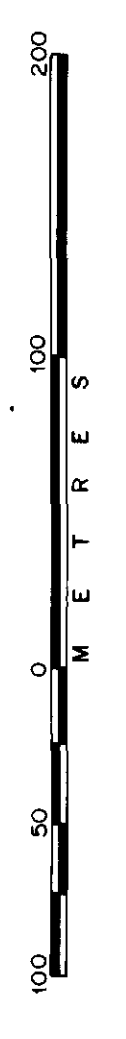
CRONE RADEM EM

FIGURE 2	DATE: JAN 1999	CHECKED BY:
DRAWN BY: ABB	N.T.S. 5/4	SCALE 1/2,000

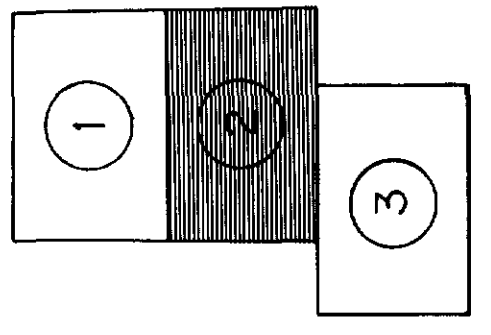
A.C.A. HOWE INTERNATIONAL LTD.

2.10946

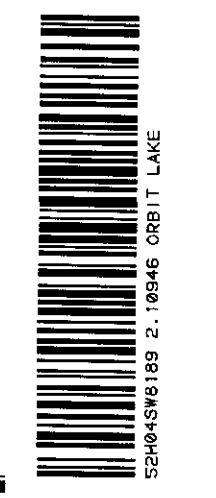
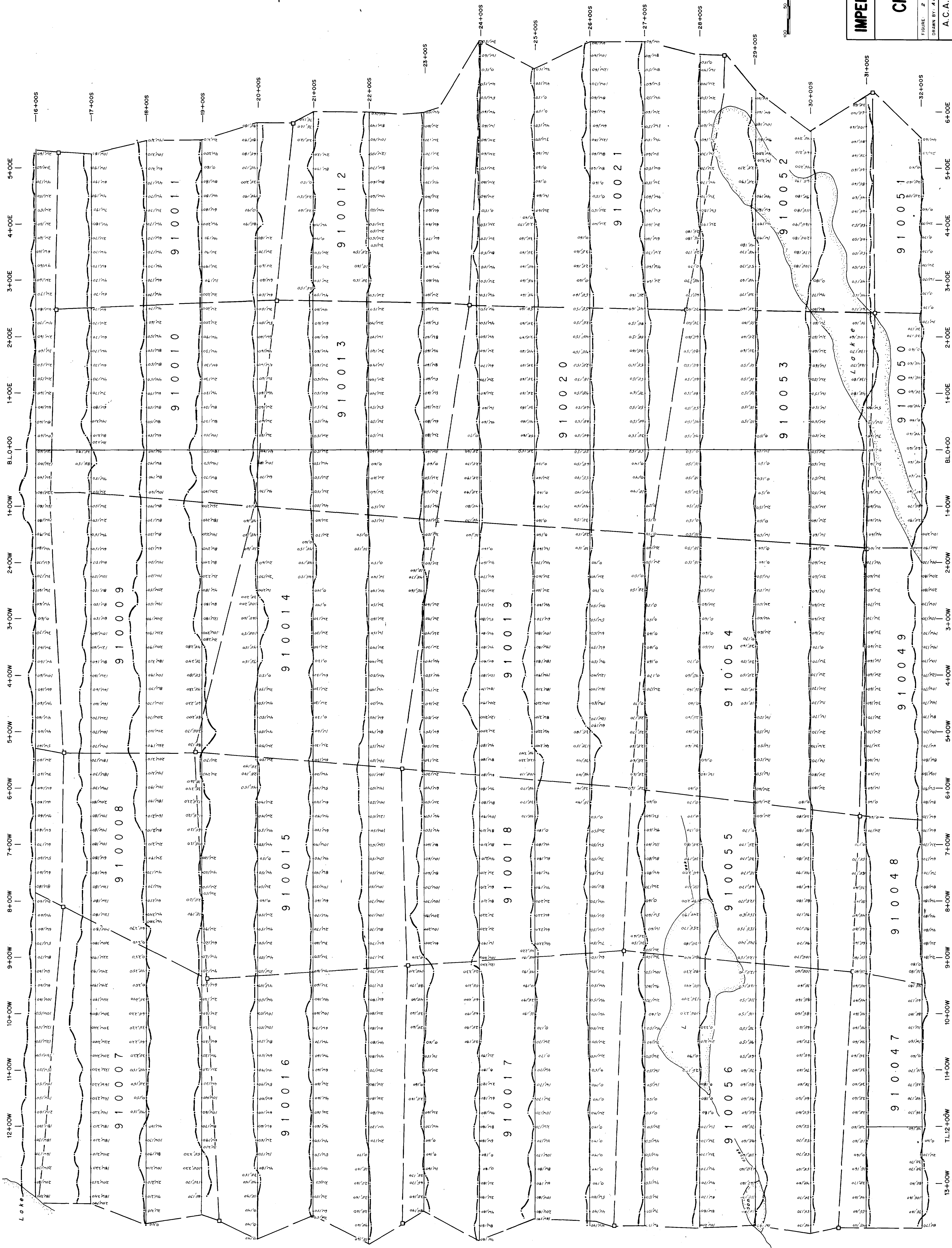
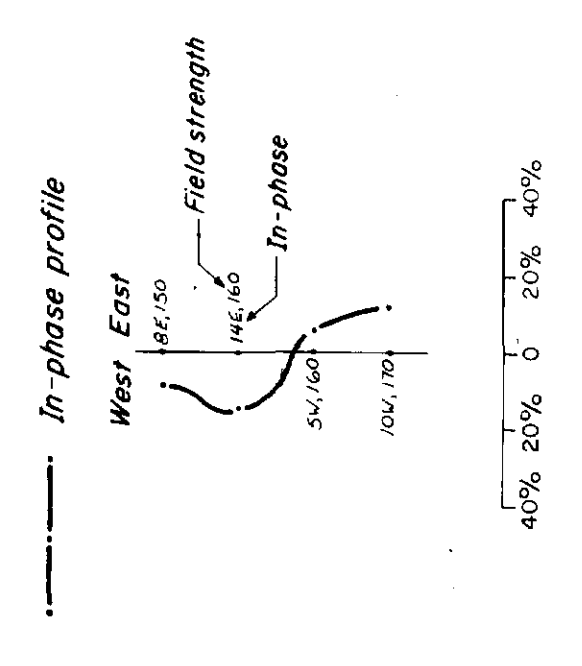
SCALE

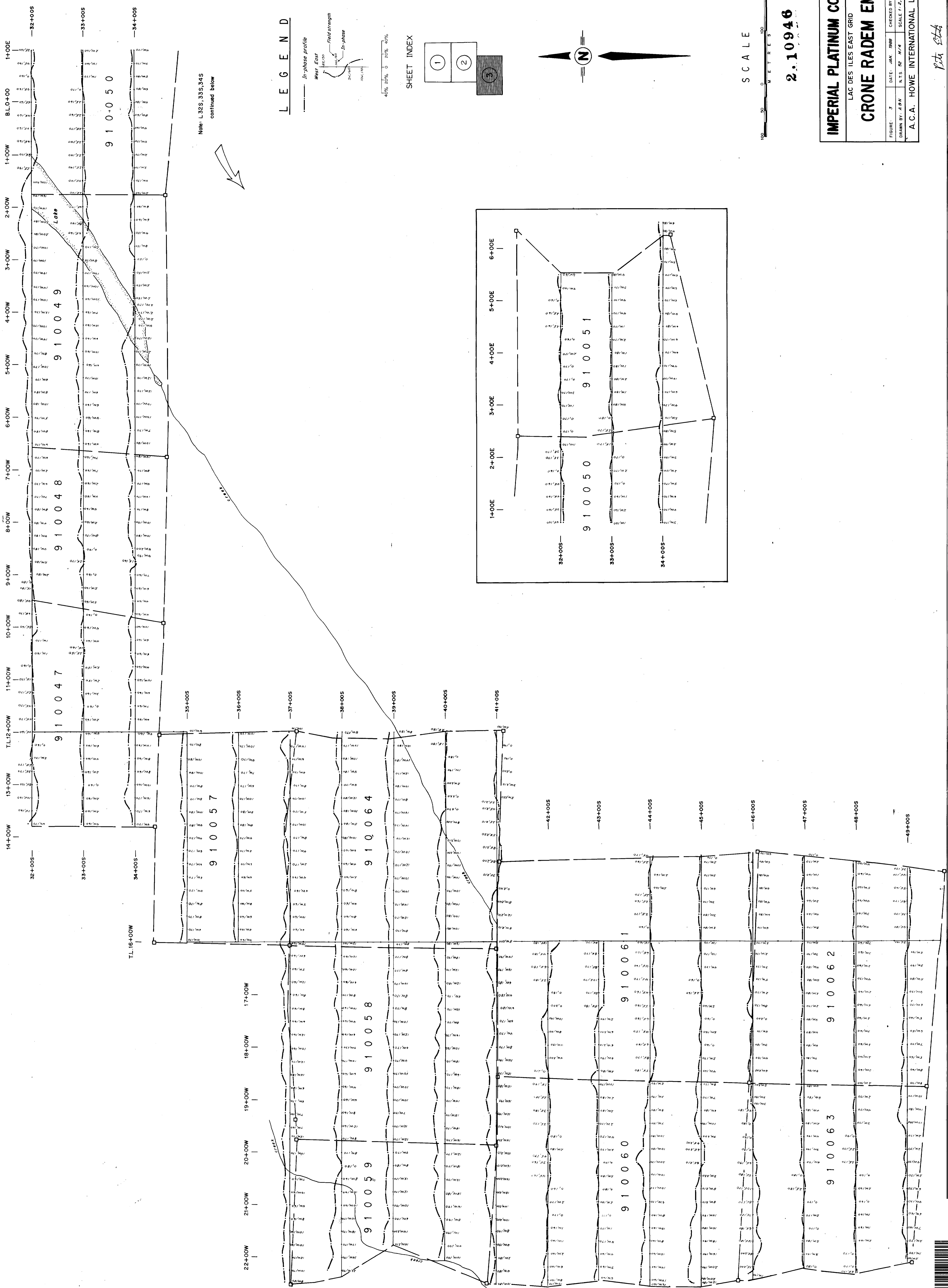


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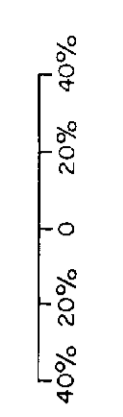
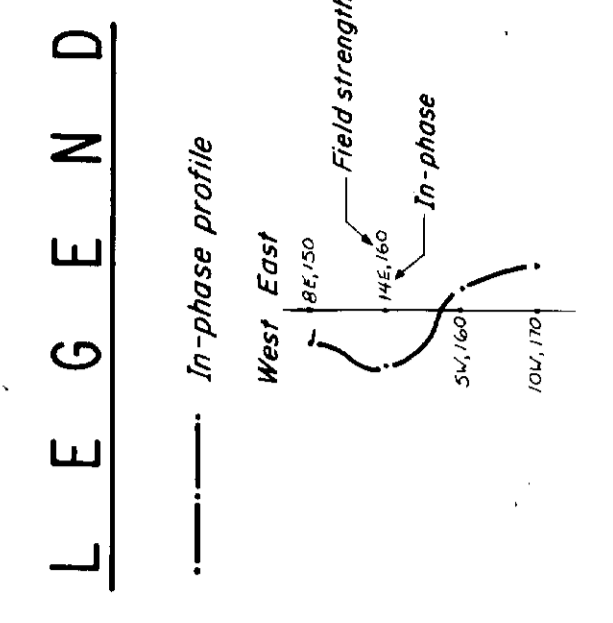


LEGEND

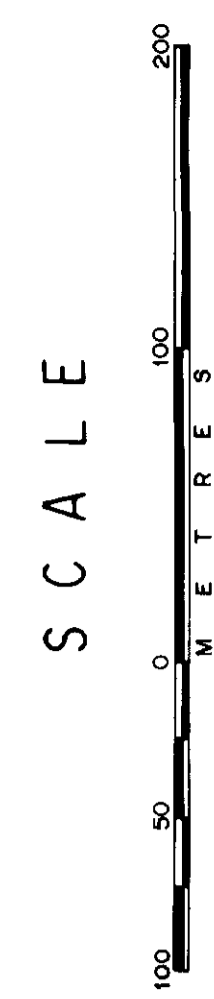
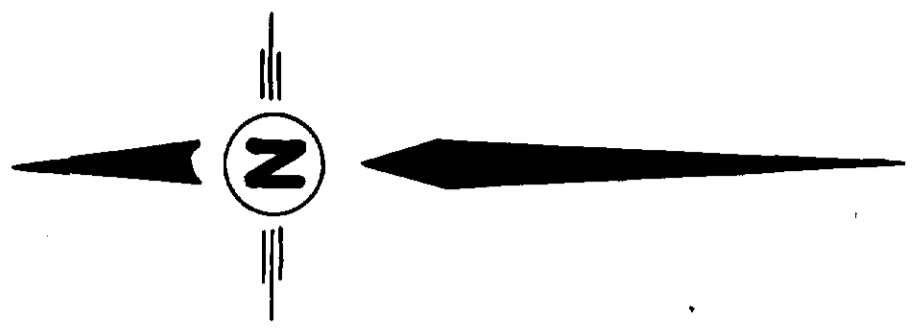
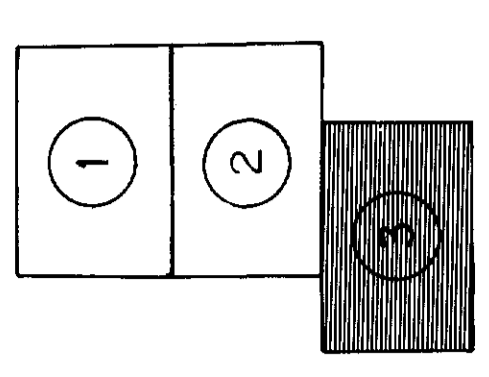




Note: L32S, 33S, 34S
continued below



SHEET INDEX



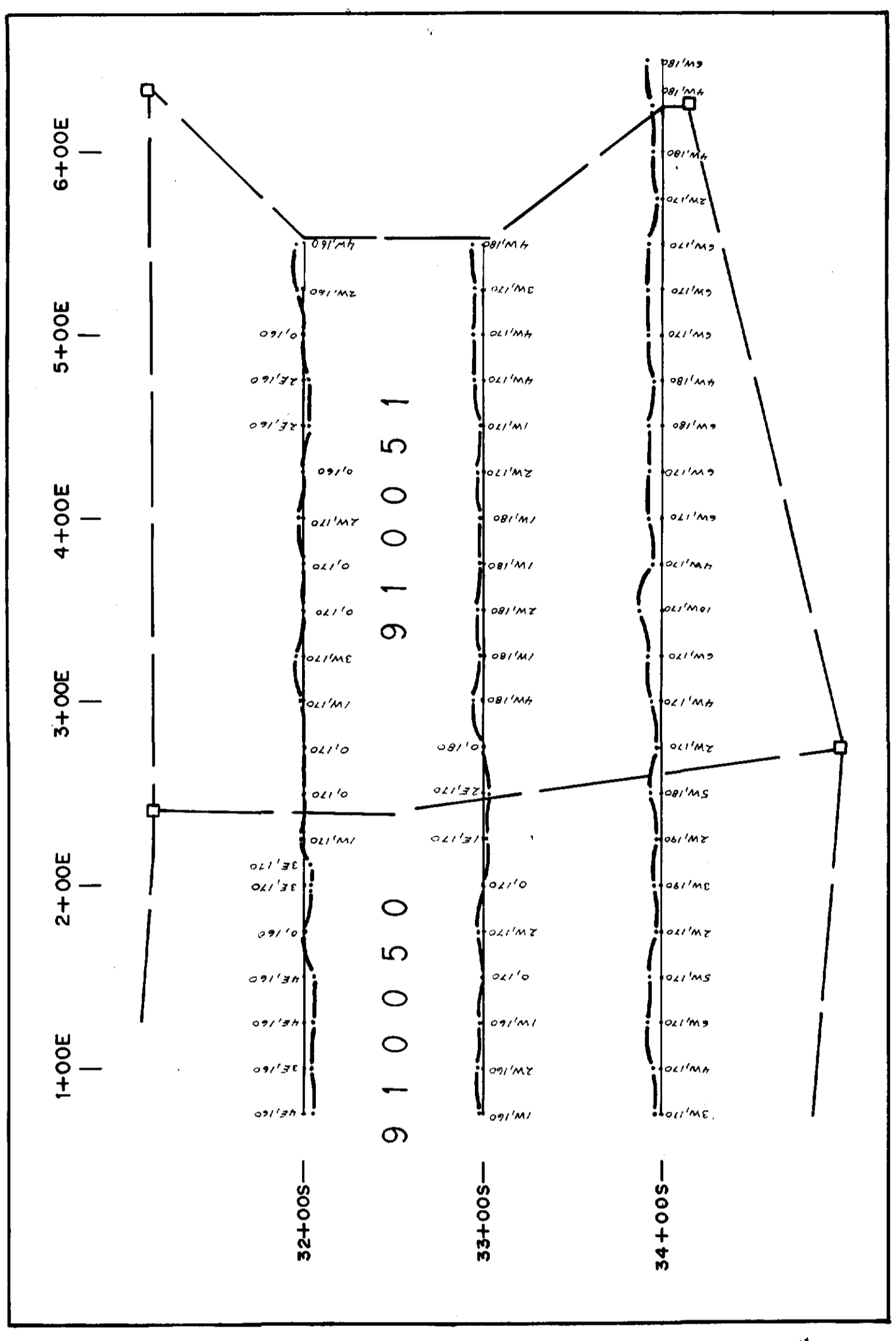
2.10946

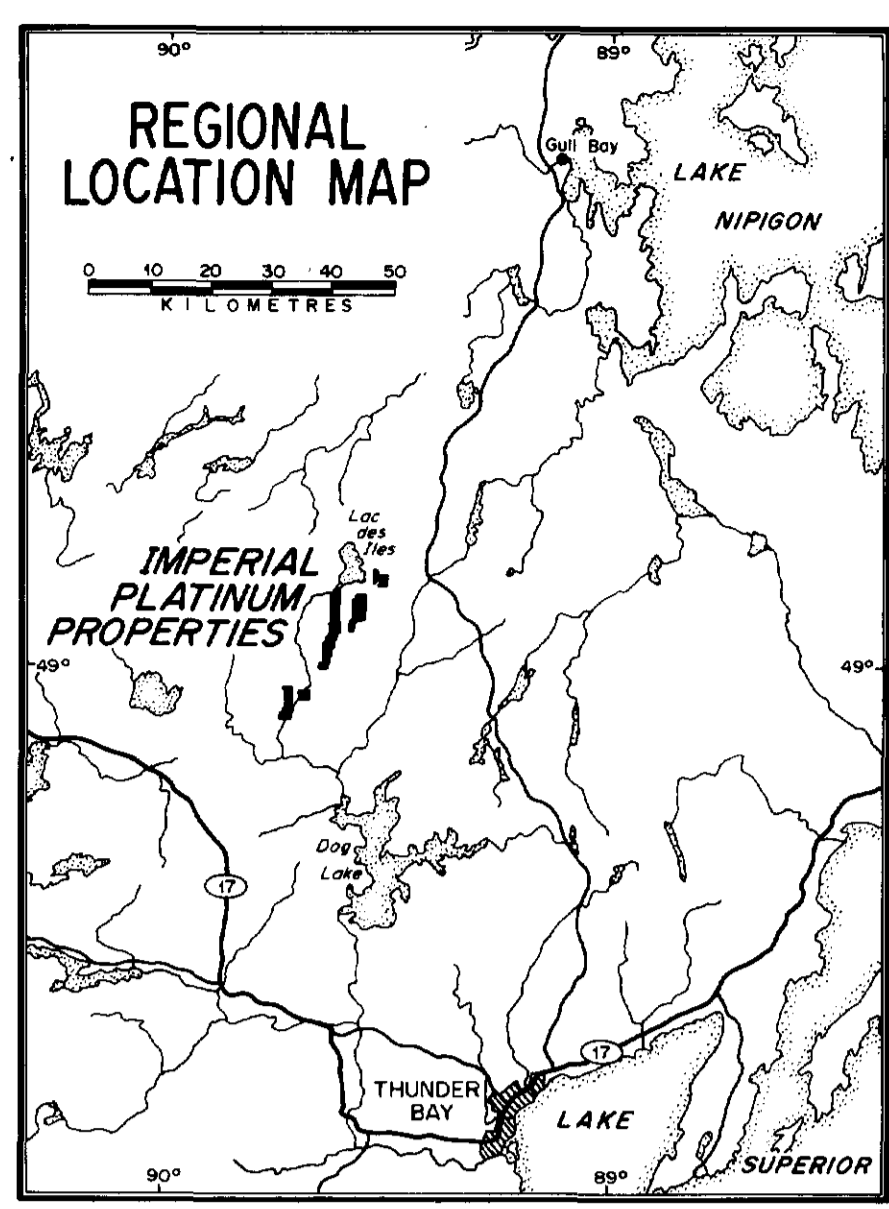
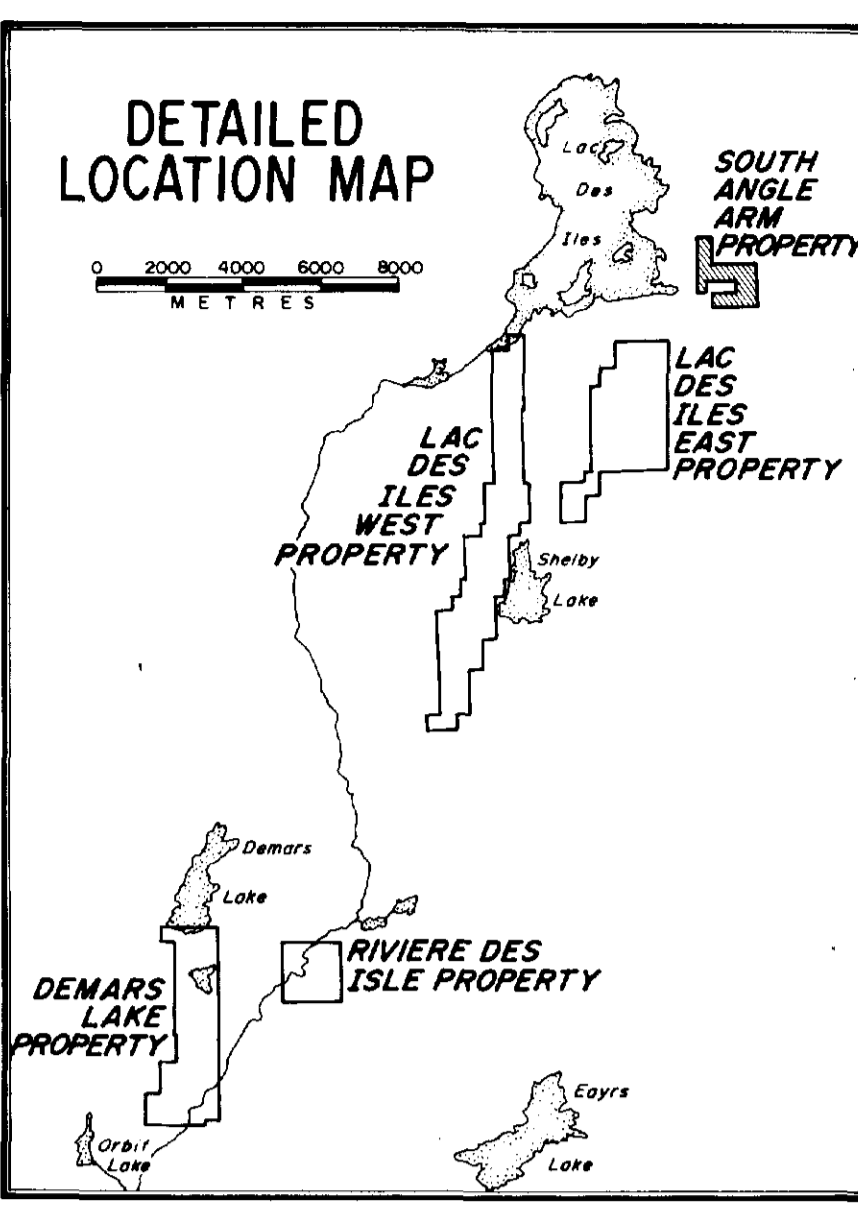
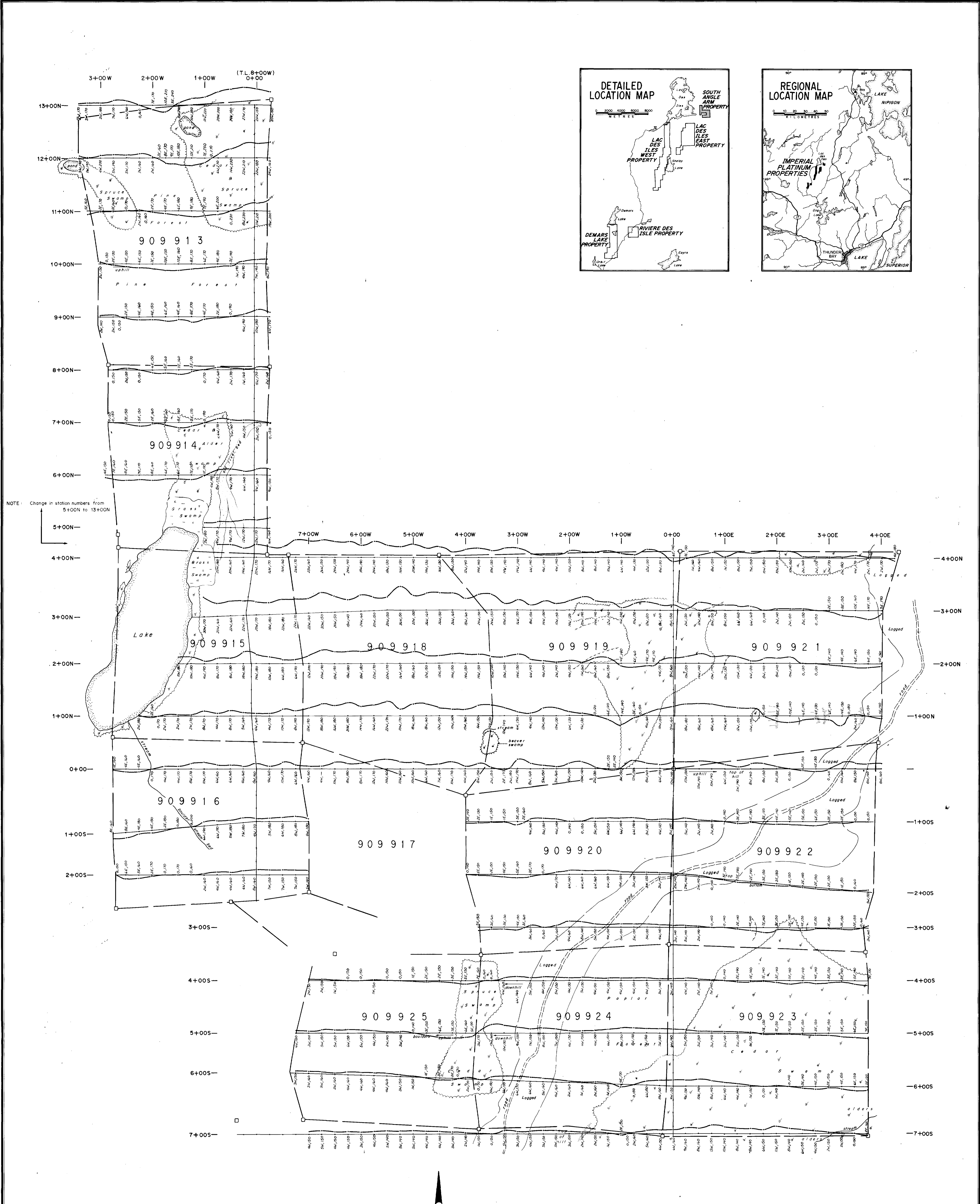
IMPERIAL PLATINUM CORP.
LAC DES ILES EAST GRID
CRONE RADEM EM

FIGURE: 3	DATE: JAN 1996	CHECKED BY:
DRAWN BY: A.B.W.	N.T.S. 52 H/4	SCALE: 1/2,500

A.C.A. HOWE INTERNATIONAL LTD.

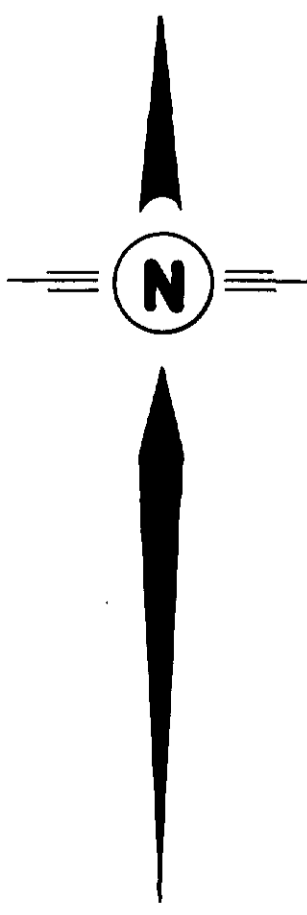
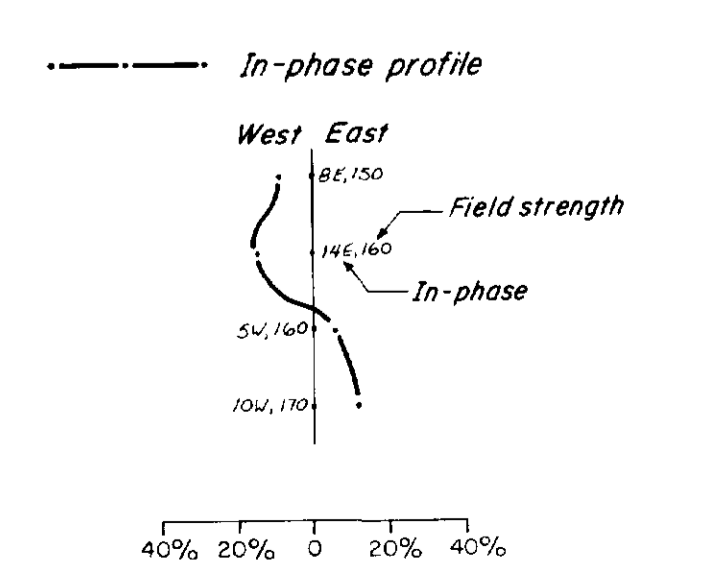
1/24 5/24



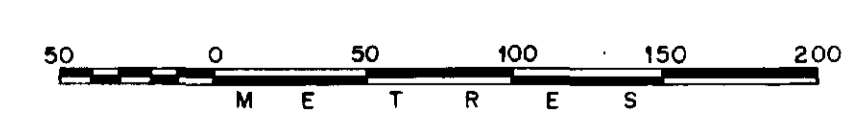


NOTE: Change in station numbers from 5+00N to 13+00N

LEGEND



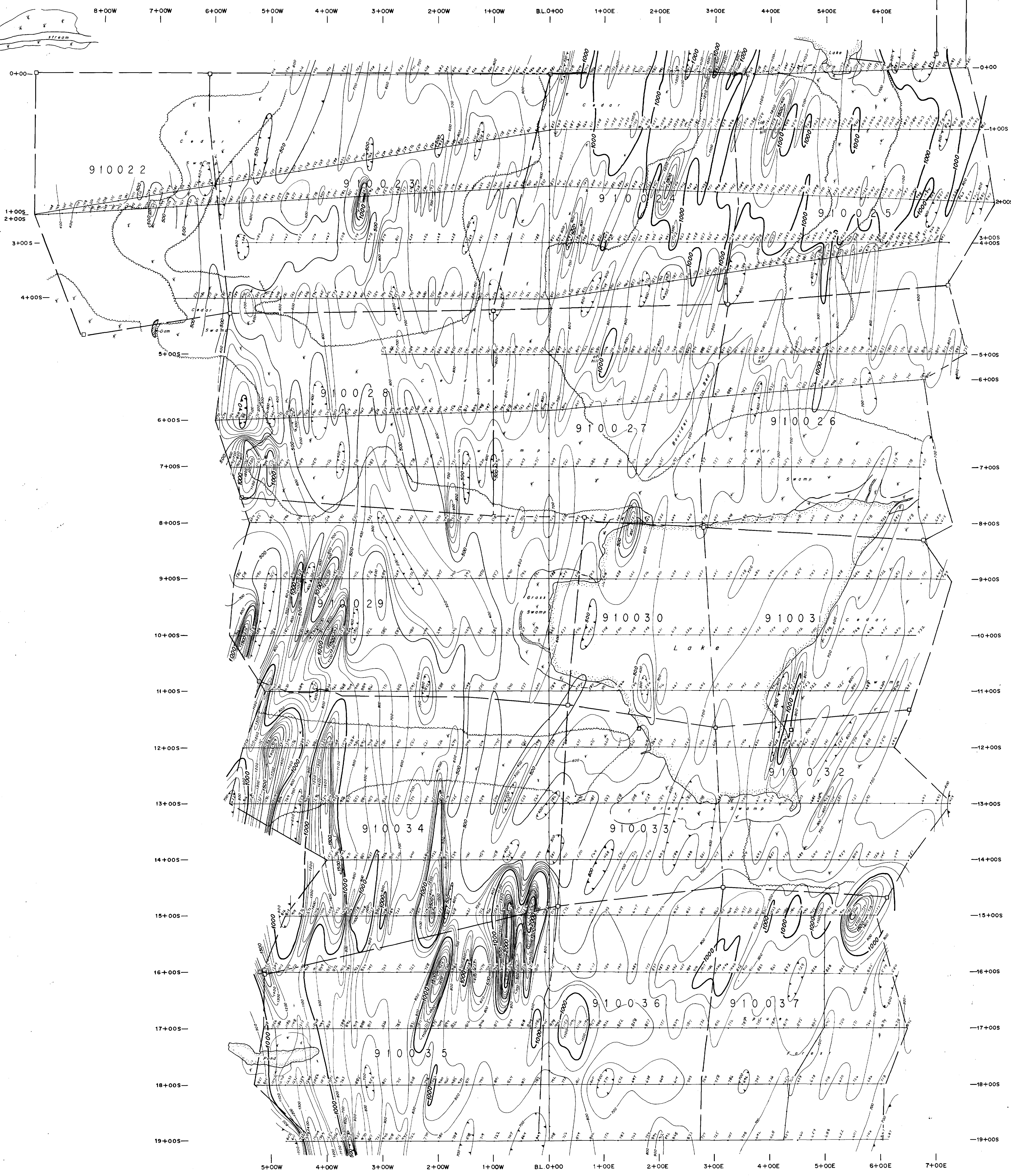
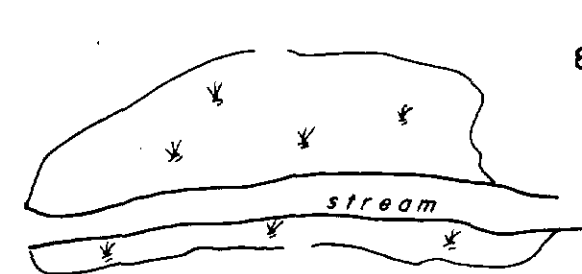
SCALE 1:2,500



2.10946

IMPERIAL PLATINUM CORP.		
SOUTH ANGLE ARM PROPERTY		
CRONE RADEM EM		
FIGURE: 1	DATE: NOV 1987	CHECKED BY:
DRAWN BY: AHW	N.T.S. 52 W/4	SCALE: 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

let et

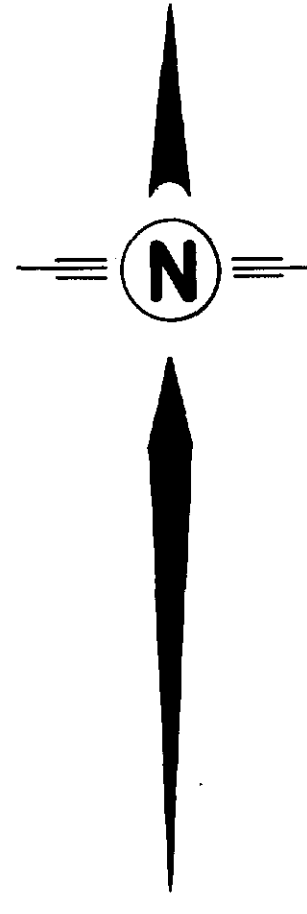
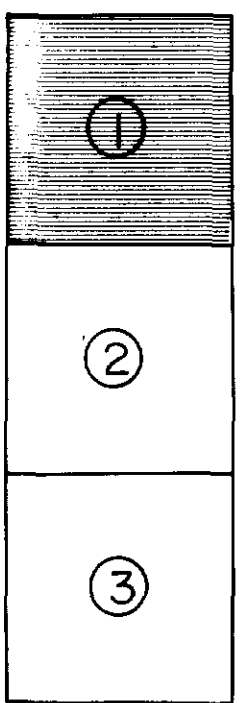


LEGEND

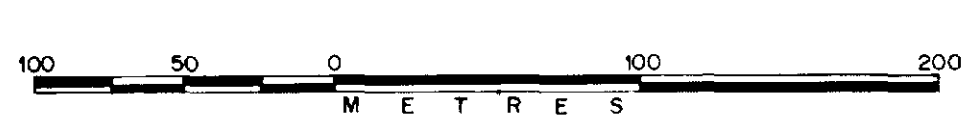
- Magnetic value
- Magnetic contour
- Magnetic depression
- CONTOURS:**
- 1000 gamma interval
- 500 gamma interval
- 100 gamma interval

BASE LEVEL: 59,000 gammas
INSTRUMENT: Barringer Proton Magnetometer

SHEET INDEX



SCALE



IMPERIAL PLATINUM CORP.

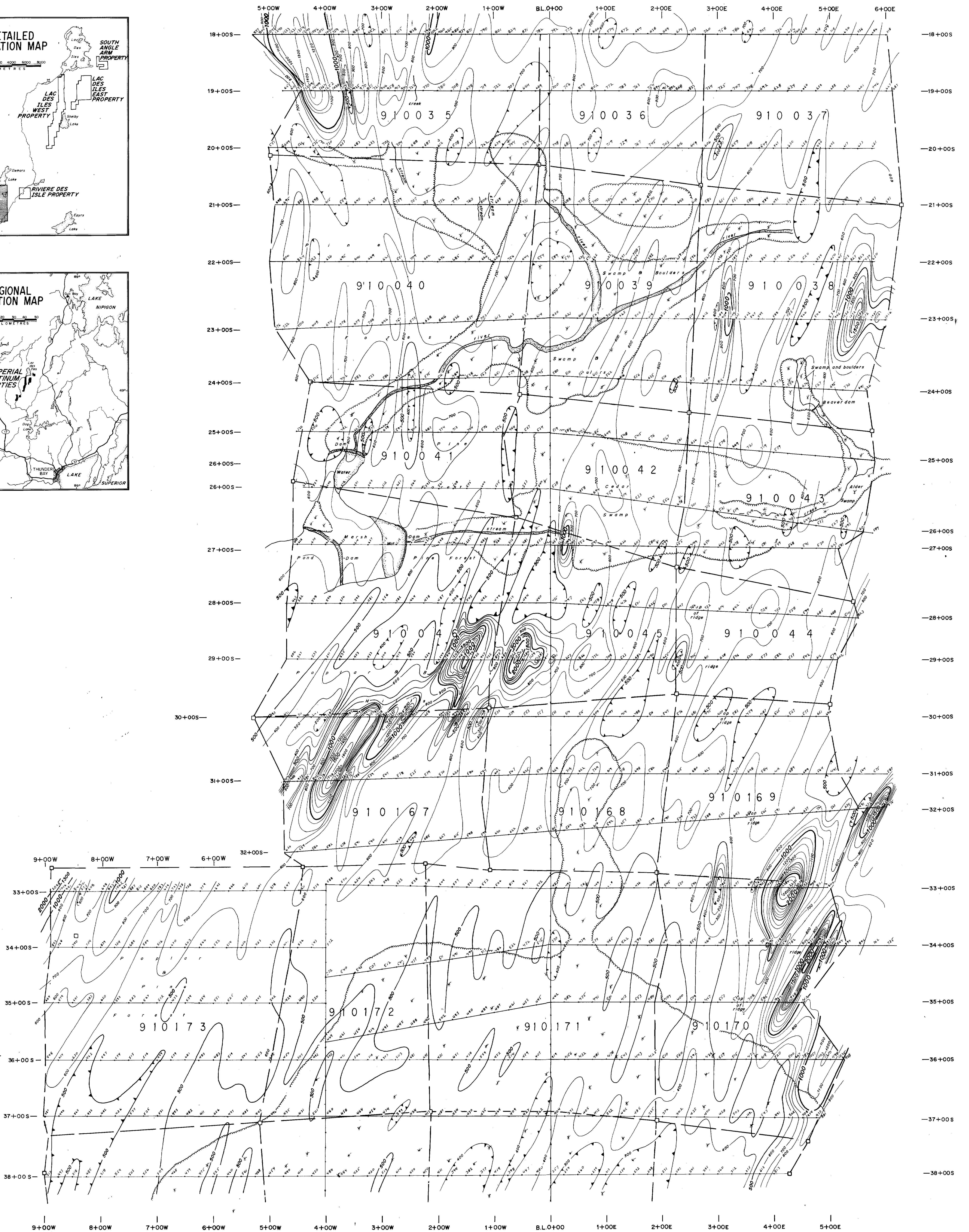
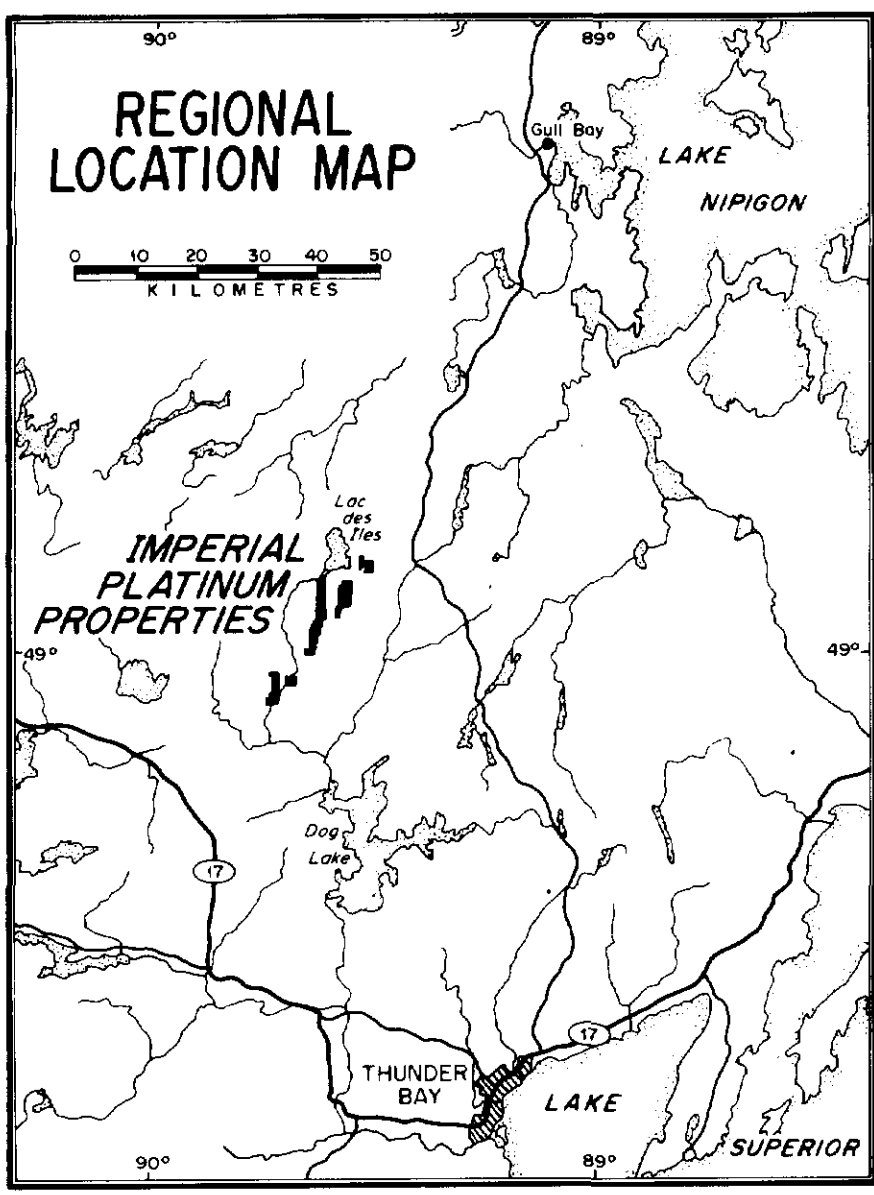
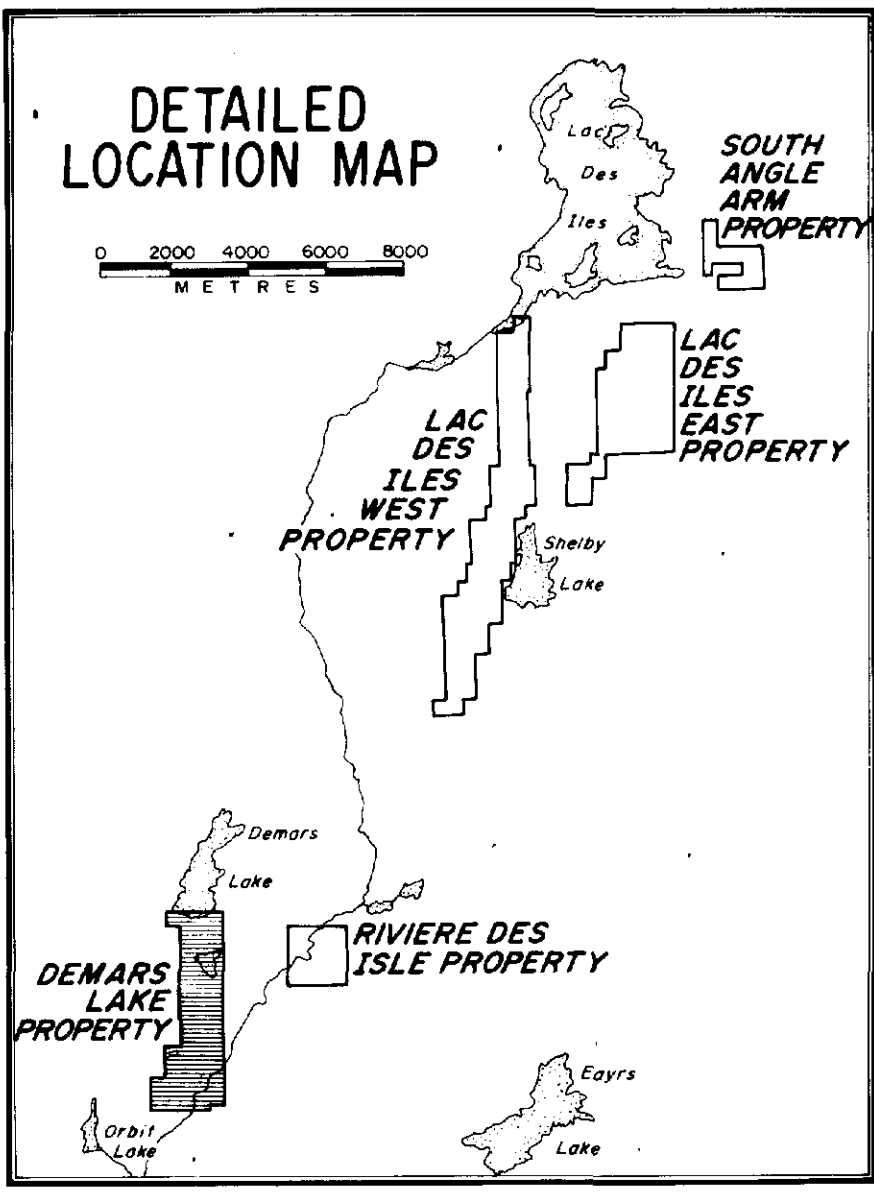
DEMARS LAKE PROPERTY
MAGNETOMETER SURVEY

FIGURE 1	DATE NOV 1987	CHECKED BY
DRAWN BY: ABW	N.T.S. 52 N/4	SCALE 1/2,500
A.C.A. HOWE INTERNATIONAL LTD.		

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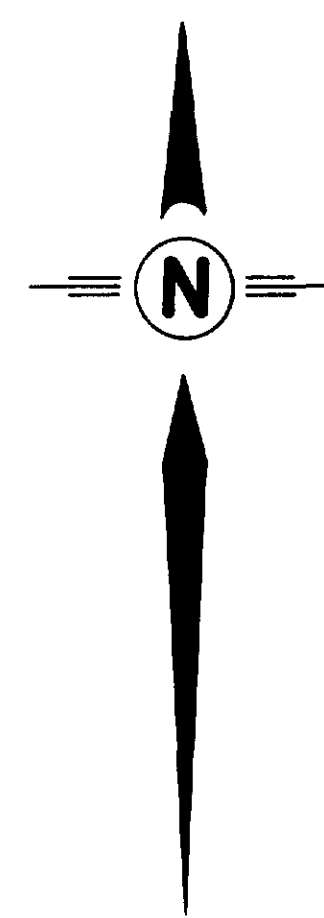
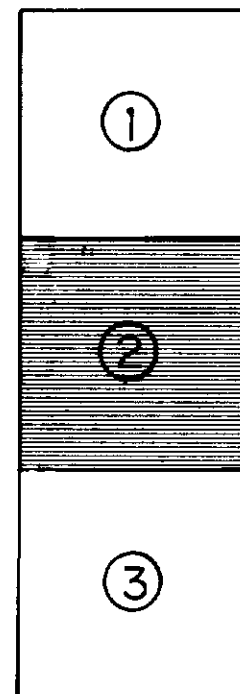




LEGEND

- Magnetic value
 - Magnetic contour
 - Magnetic depression
- CONTOURS:
- 1000 gamma interval
 - 500 gamma interval
 - 100 gamma interval
- BASE LEVEL: 59,000 gammas

SHEET INDEX



SCALE

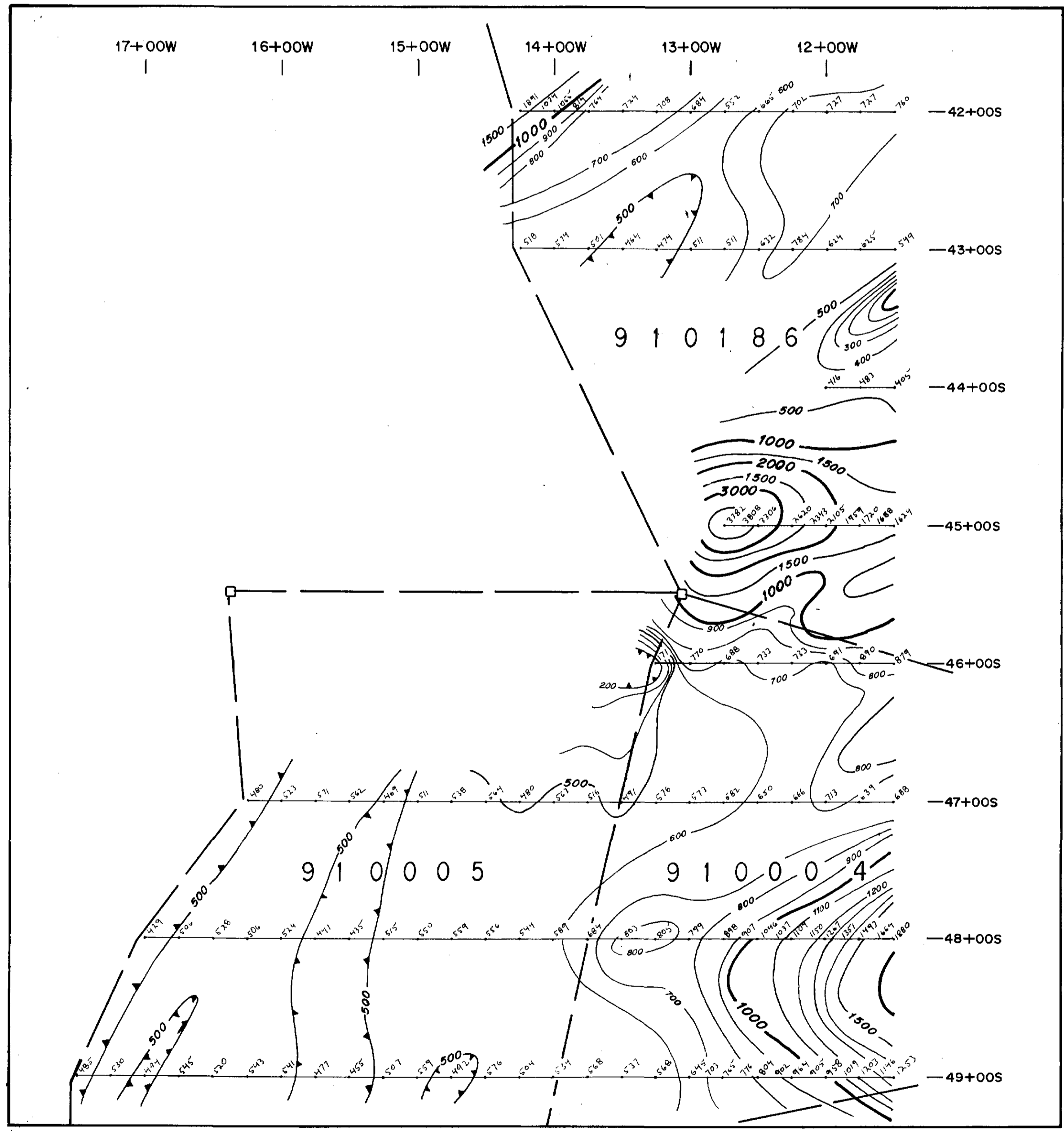
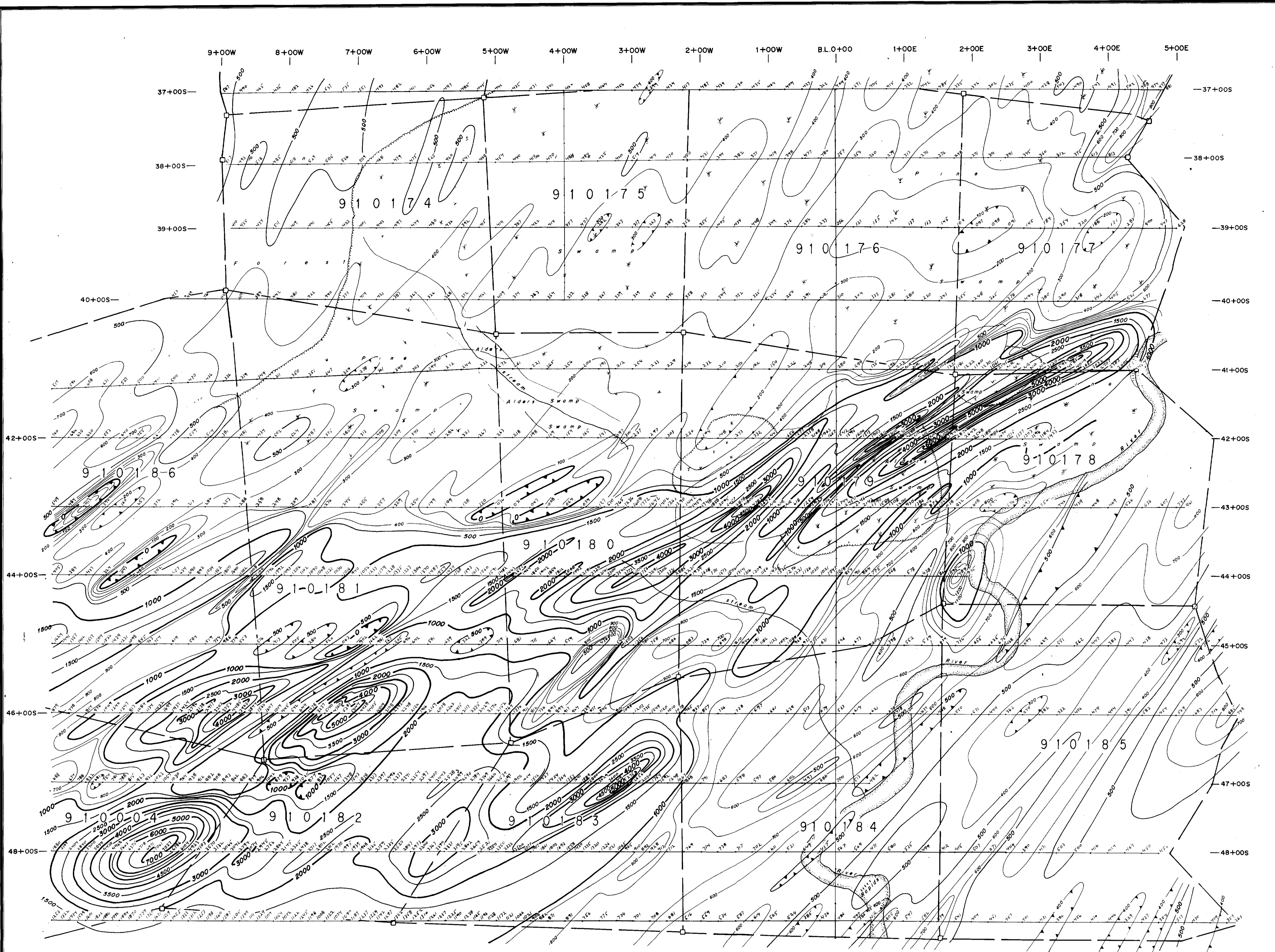


IMPERIAL PLATINUM CORP.
 DEMARS LAKE PROPERTY
MAGNETOMETER SURVEY

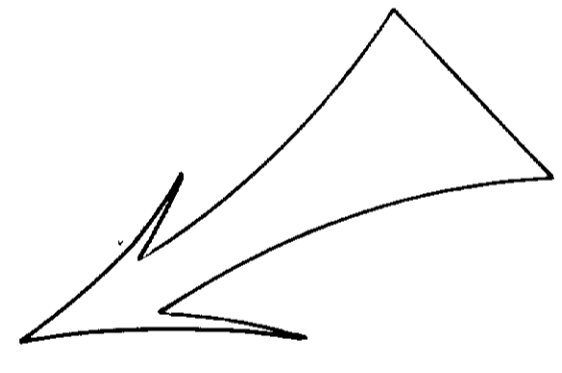
FIGURE 2	DATE NOV. 1987	CHECKED BY:
DRAWN BY: ABW	N.T.S. 52 N/4	SCALE 1:2,500
A. C. A. HOWE INTERNATIONAL LTD.		

2.10946

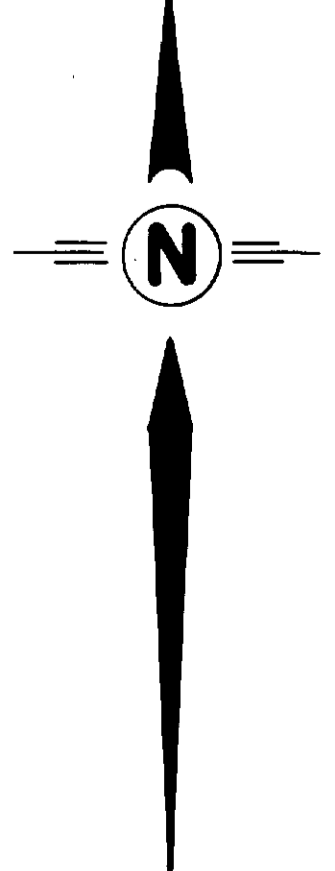
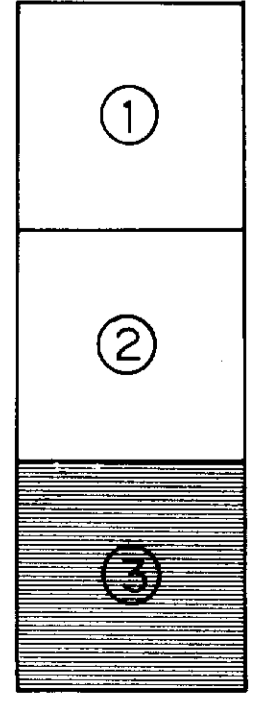
Ret. St
460



NOTE: L42S to L49S
continues from 11+50W
to 17+50W



SHEET INDEX



S.C.A.L.E



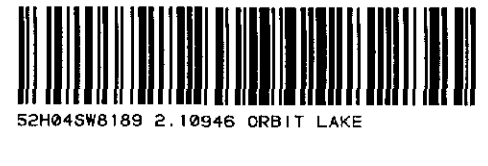
IMPERIAL PLATINUM CORP.

DEMARS LAKE PROPERTY
MAGNETOMETER SURVEY

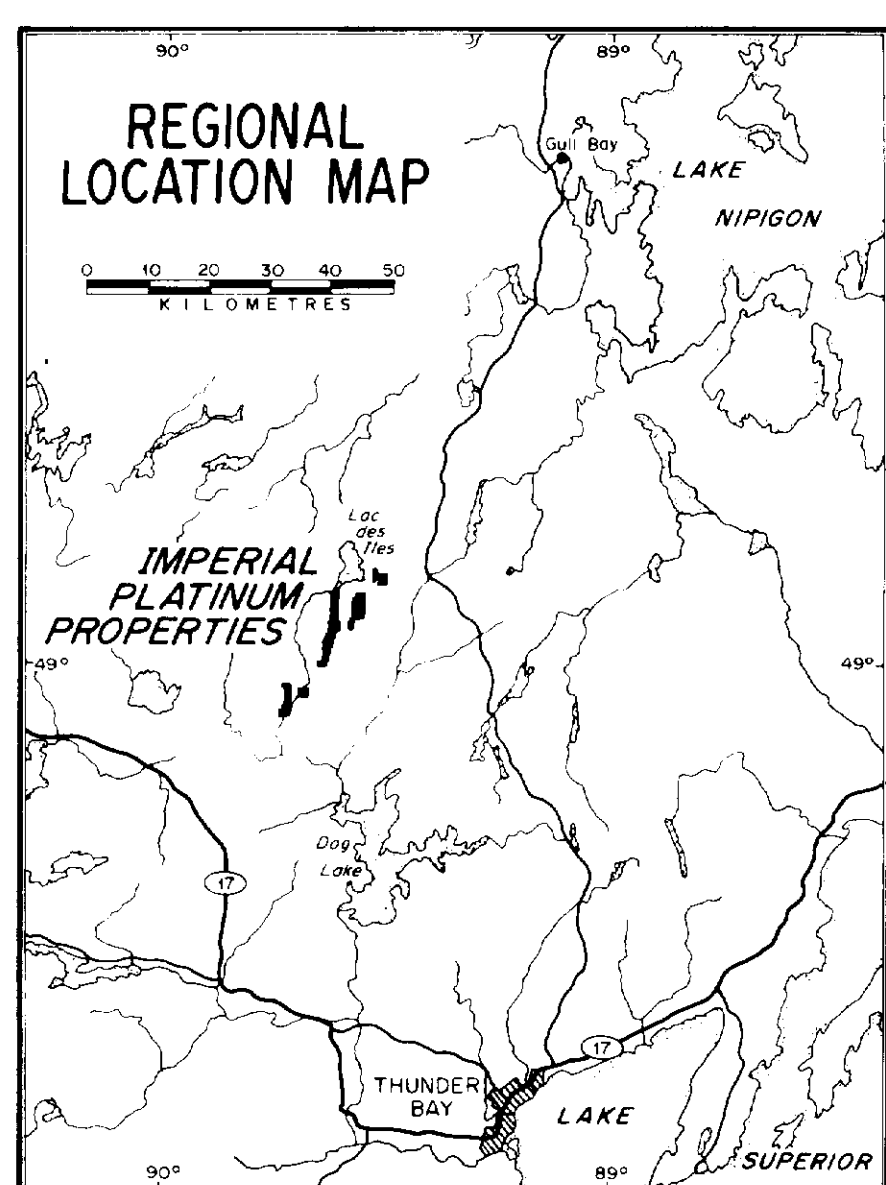
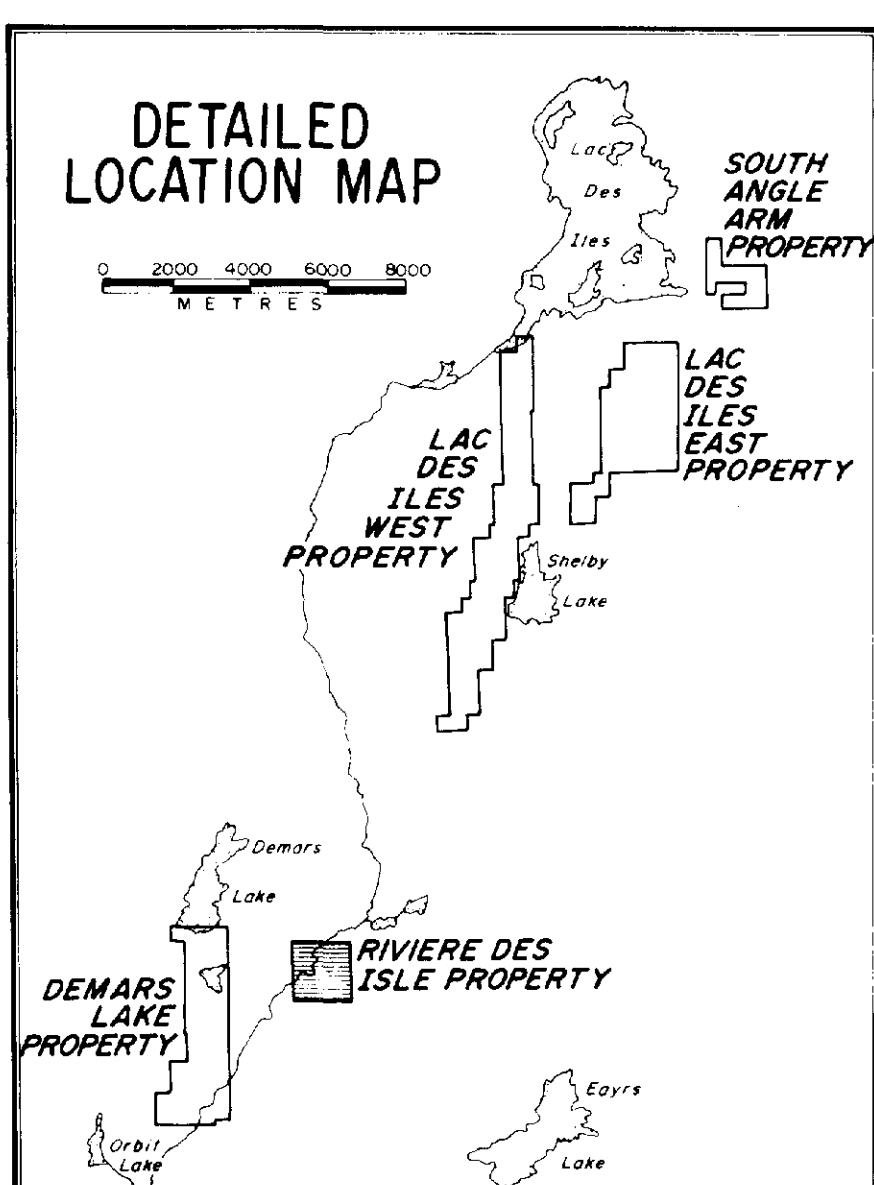
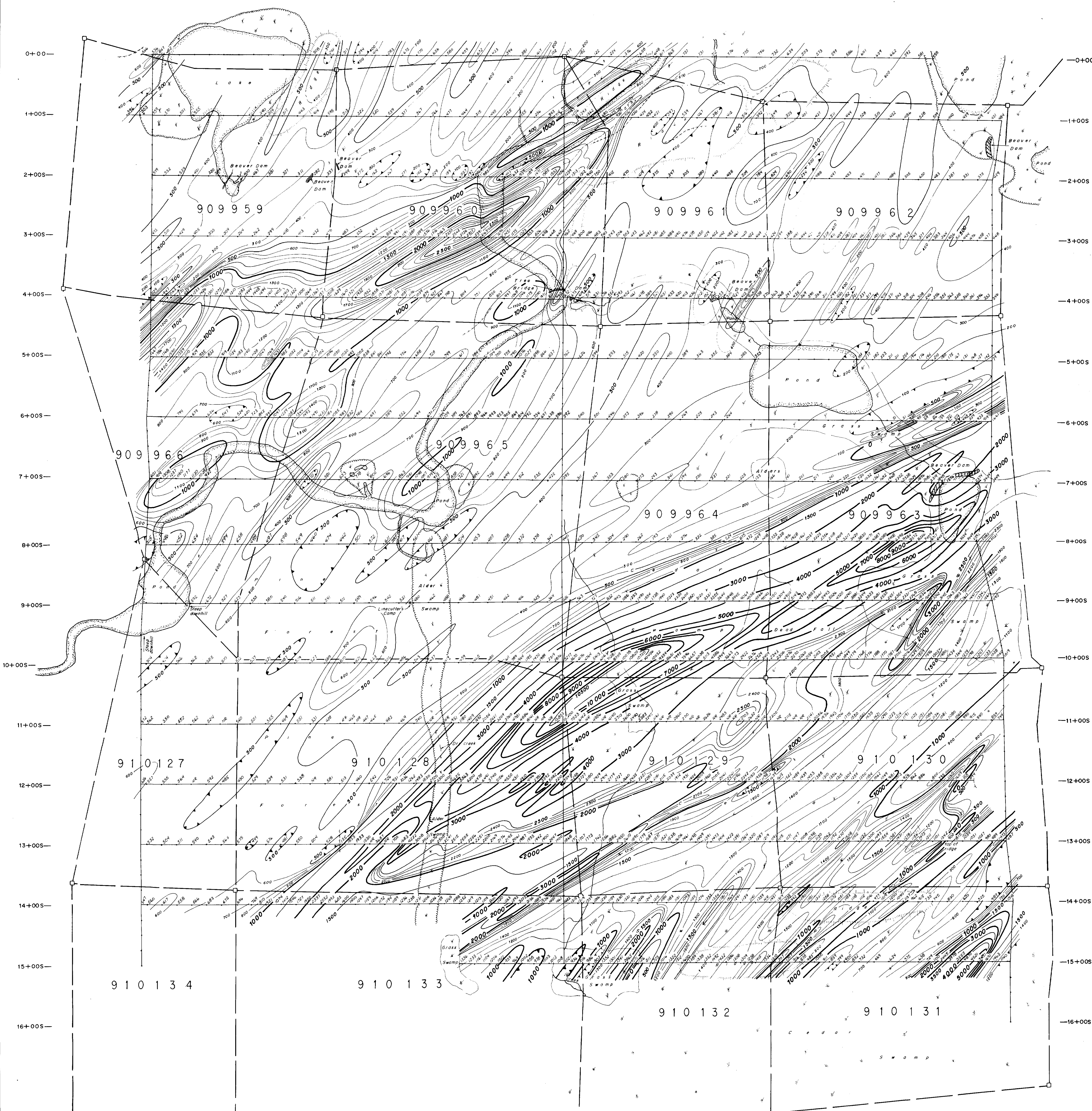
FIGURE 3	DATE NOV 1987	CHECKED BY:
DRAWN BY: AAW	N.T.S. 54 H/4	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

2.10946

etc etc



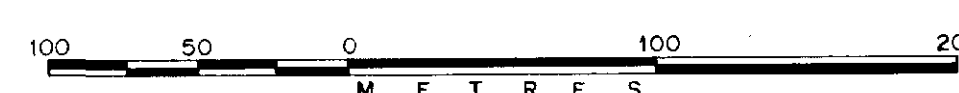
TL 7+00W 6+00W 5+00W 4+00W 3+00W 2+00W 1+00W BL 0+00 1+00E 2+00E 3+00E 4+00E 5+00E 6+00E TL 7+00E



LEGEND

- Magnetic value
- Magnetic contour
- Magnetic depression
- CONTOURS
- 1000 gamma Interval
- 500 gamma Interval
- 100 gamma Interval
- BASE LEVEL: 59,000 gammas
- INSTRUMENT: Barringer Proton Magnetometer

SCALE



IMPERIAL PLATINUM CORP.
 RIVIERE DES ILES
MAGNETOMETER SURVEY

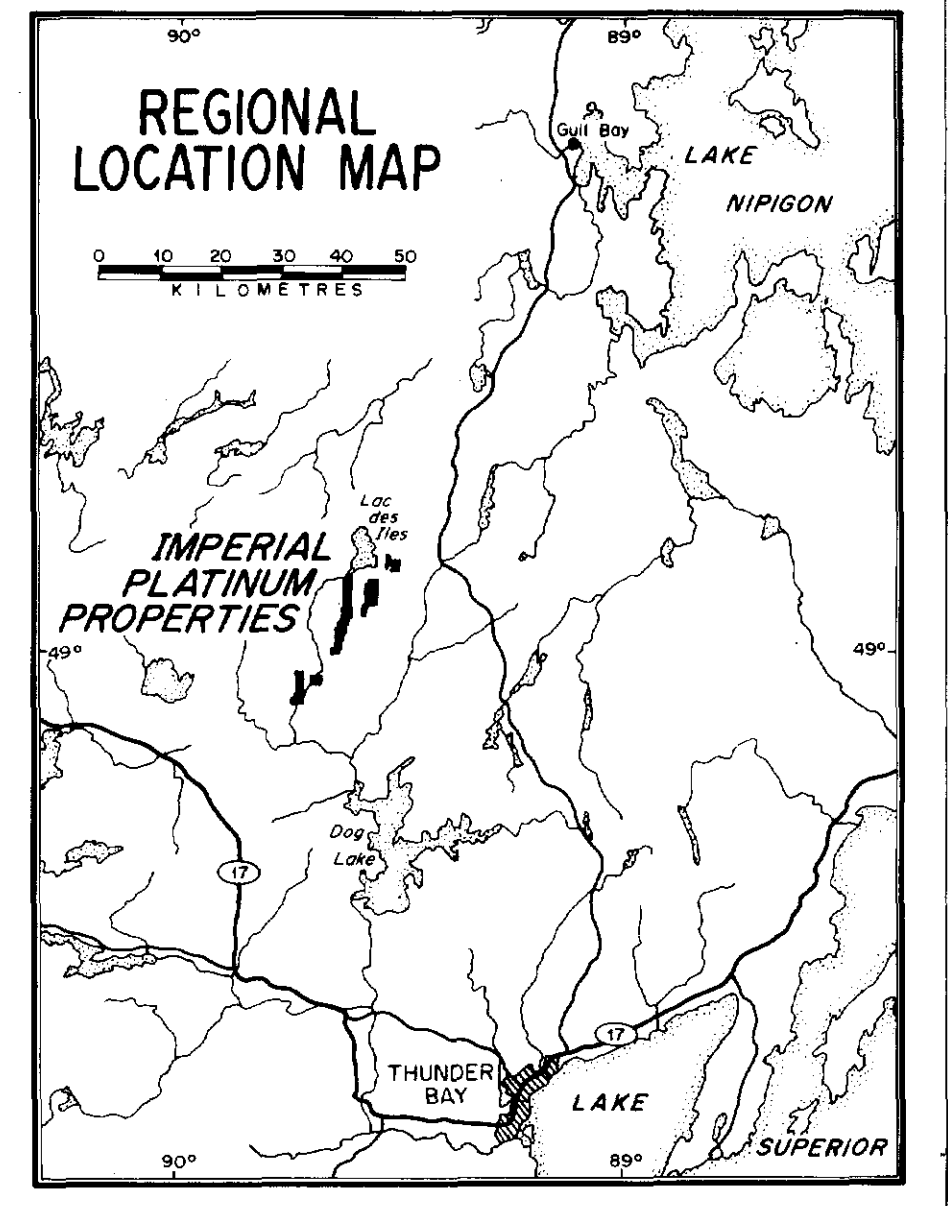
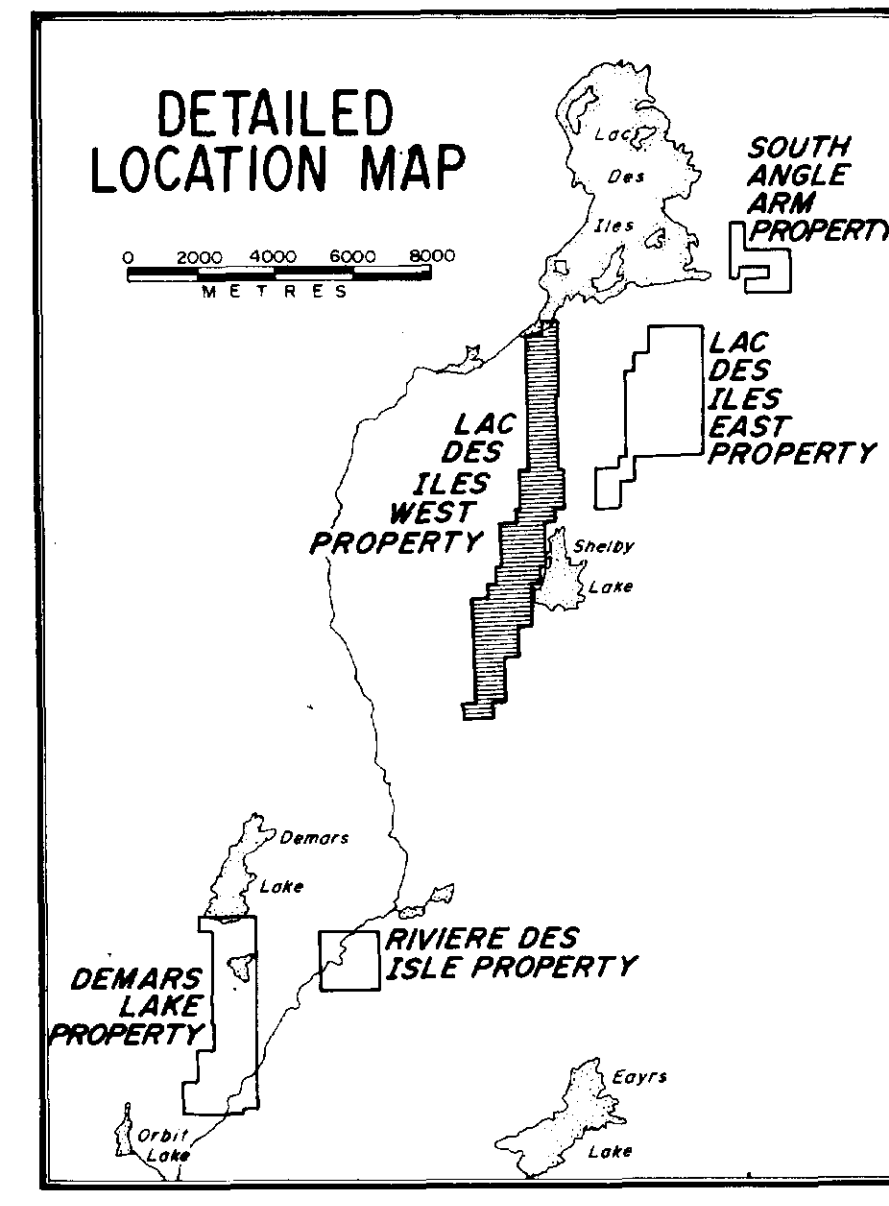
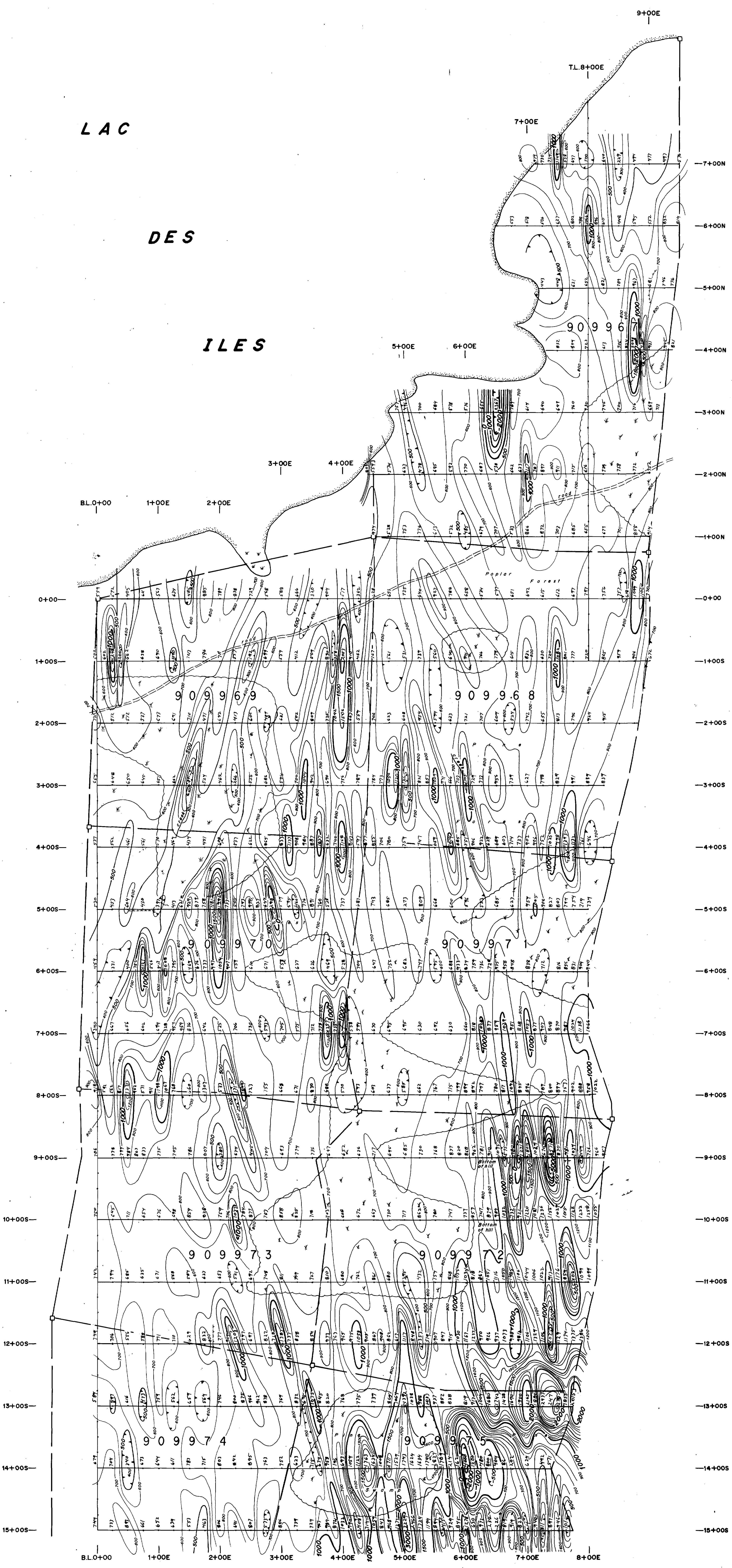
FIGURE: 1	DATE: NOV 1987	CHECKED BY:
DRAWN BY: ABN	N.T.S. 52 N/4	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

2. 10946

Rete Set



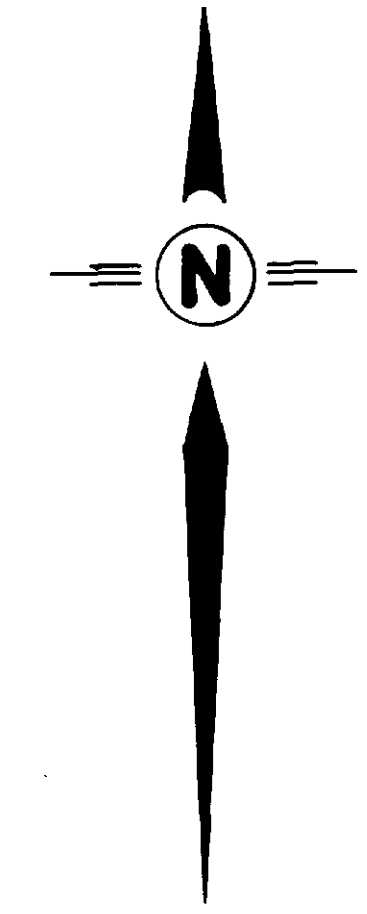
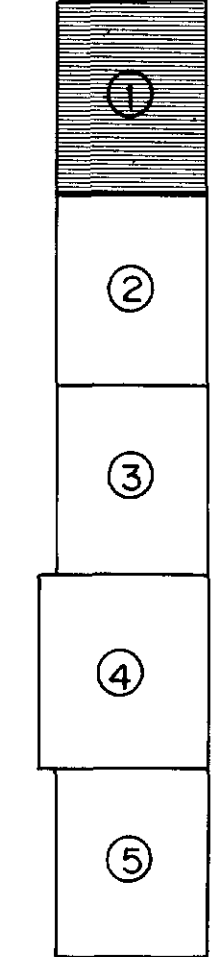
LAC
DES
ILES



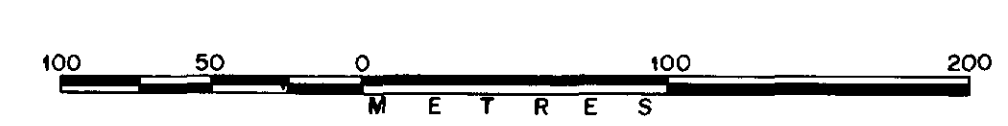
LEGEND

- Magnetic value
 - Magnetic contour
 - Magnetic depression
- CONTOURS:
- 1000 gamma Interval
 - 500 gamma Interval
 - 100 gamma Interval
- BASE LEVEL: 59,000 gammas
- INSTRUMENT: Barringer Proton Magnetometer

SHEET INDEX



SCALE

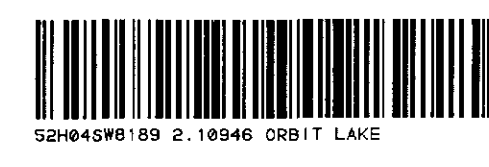


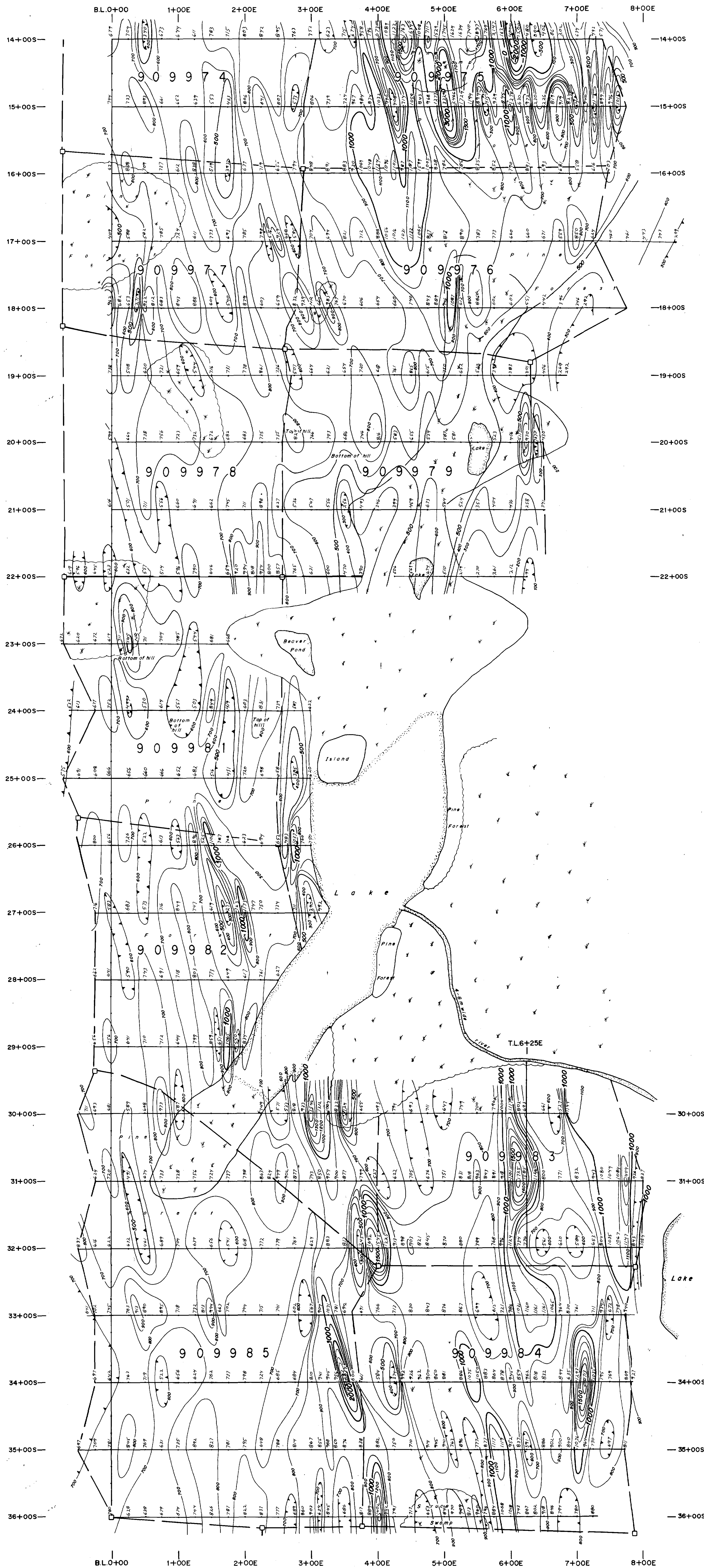
IMPERIAL PLATINUM CORP.
LAC DES ILES WEST GRID
MAGNETOMETER SURVEY

FIGURE: 1	DATE: NOV. 1987	CHECKED BY:
DRAWN BY: ABN	N.T.S. 52 H/4	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

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etc etc

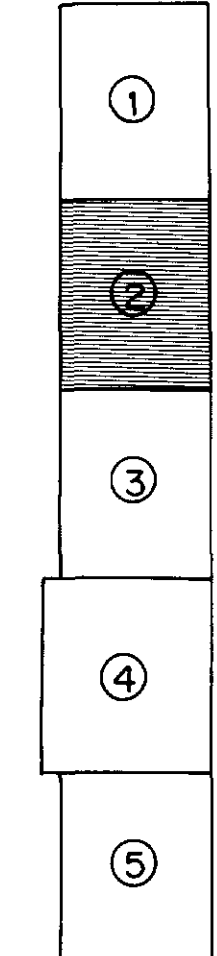




LEGEND

- Magnetic value
 - Magnetic contour
 - Magnetic depression
- CONTOURS:
- 1000 gamma Interval
 - 500 gamma Interval
 - 100 gamma Interval
- BASE LEVEL: 59,000 gammas
- INSTRUMENT: Barringer Proton Magnetometer

SHEET INDEX



SCALE

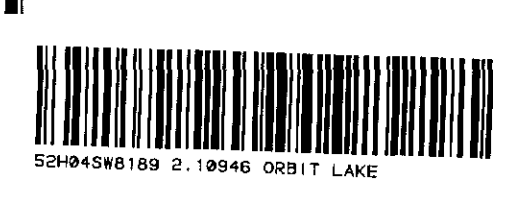


IMPERIAL PLATINUM CORP.
 LAC DES ILES WEST GRID
MAGNETOMETER SURVEY

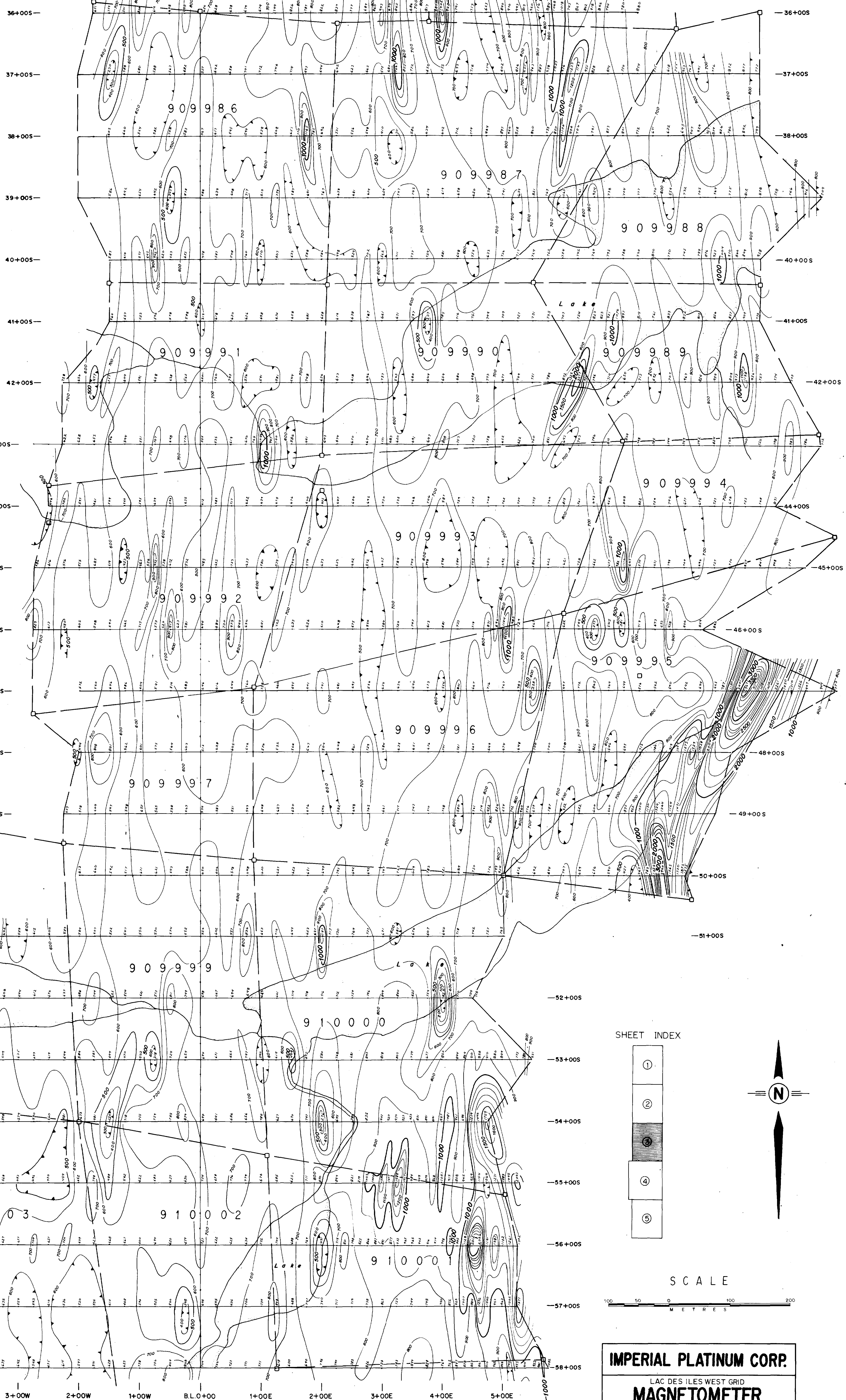
FIGURE: 2	DATE: NOV. 1987	CHECKED BY:
DRAWN BY: ARW	N.T.S. 32 N/4	SCALE: 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

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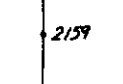
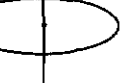
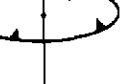


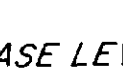
etc etc



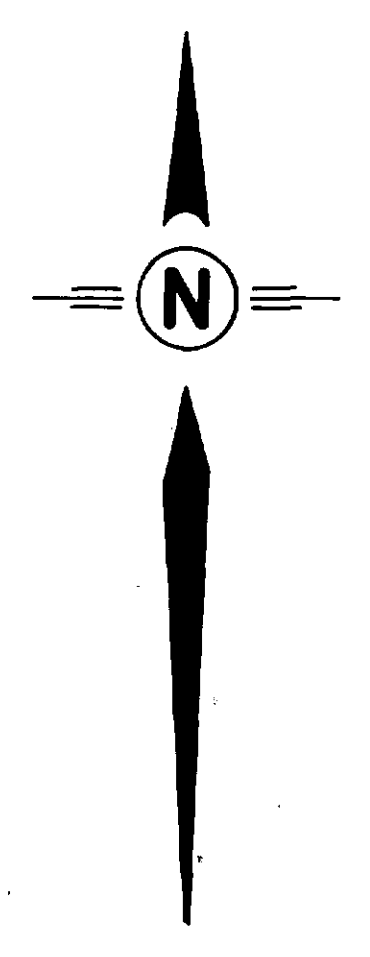
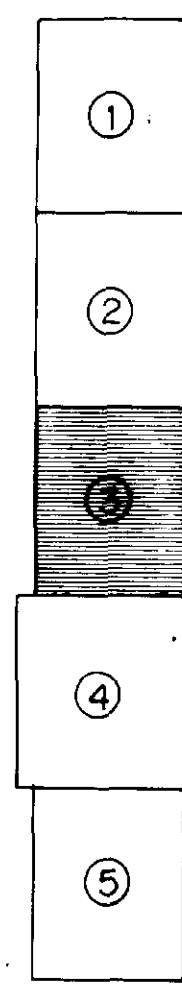
2+00W 1+00W B.L.0+00 1+00E 2+00E 3+00E 4+00E 5+00E 6+00E 7+00E 8+00E 9+00E



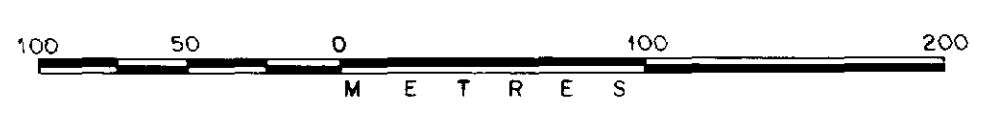
LEGEND

-  Magnetic value
-  Magnetic contour
-  Magnetic depression
- CONTOURS:**
-  1000 gamma Interval
-  500 gamma Interval
-  100 gamma Interval
- BASE LEVEL: 59,000 gammas**
- INSTRUMENT: Barringer Proton Magnetometer**

SHEET INDEX



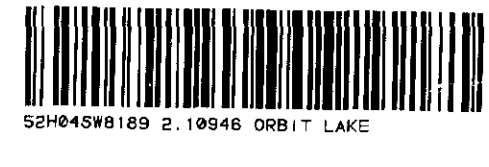
SCALE

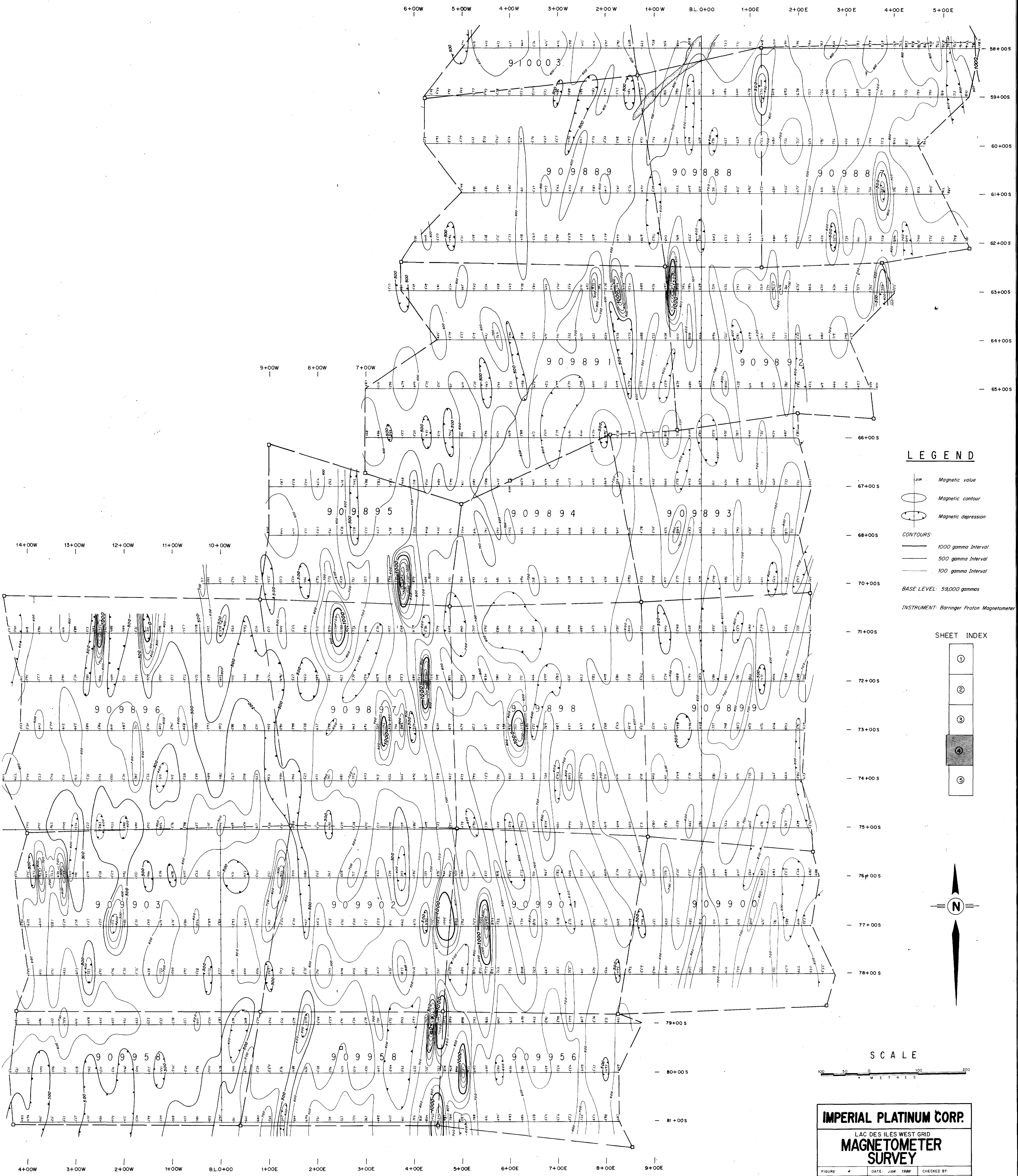


IMPERIAL PLATINUM CORP.
 LAC DES ILES WEST GRID
MAGNETOMETER SURVEY

FIGURE 3	DATE JAN 1988	CHECKED BY
DRAWN BY A.B.V.	N.T.S. 52 N/4	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

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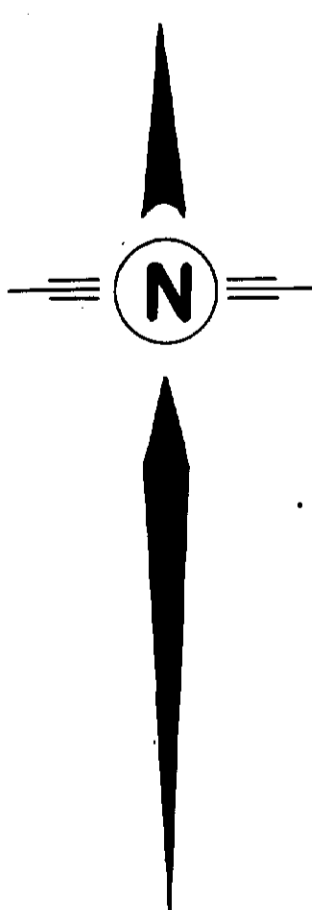


LEGEND

- Magnetic value
- Magnetic contour
- Magnetic depression
- CONTOURS:**
- 1000 gamma Interval
- 500 gamma Interval
- 100 gamma Interval
- BASE LEVEL: 59,000 gammas**
- INSTRUMENT: Barringer Proton Magnetometer**

SHEET INDEX

- ①
- ②
- ③
- ④
- ⑤



SCALE

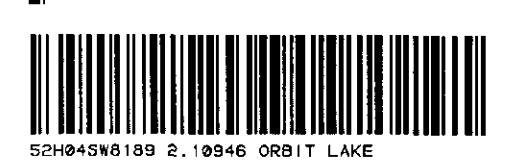


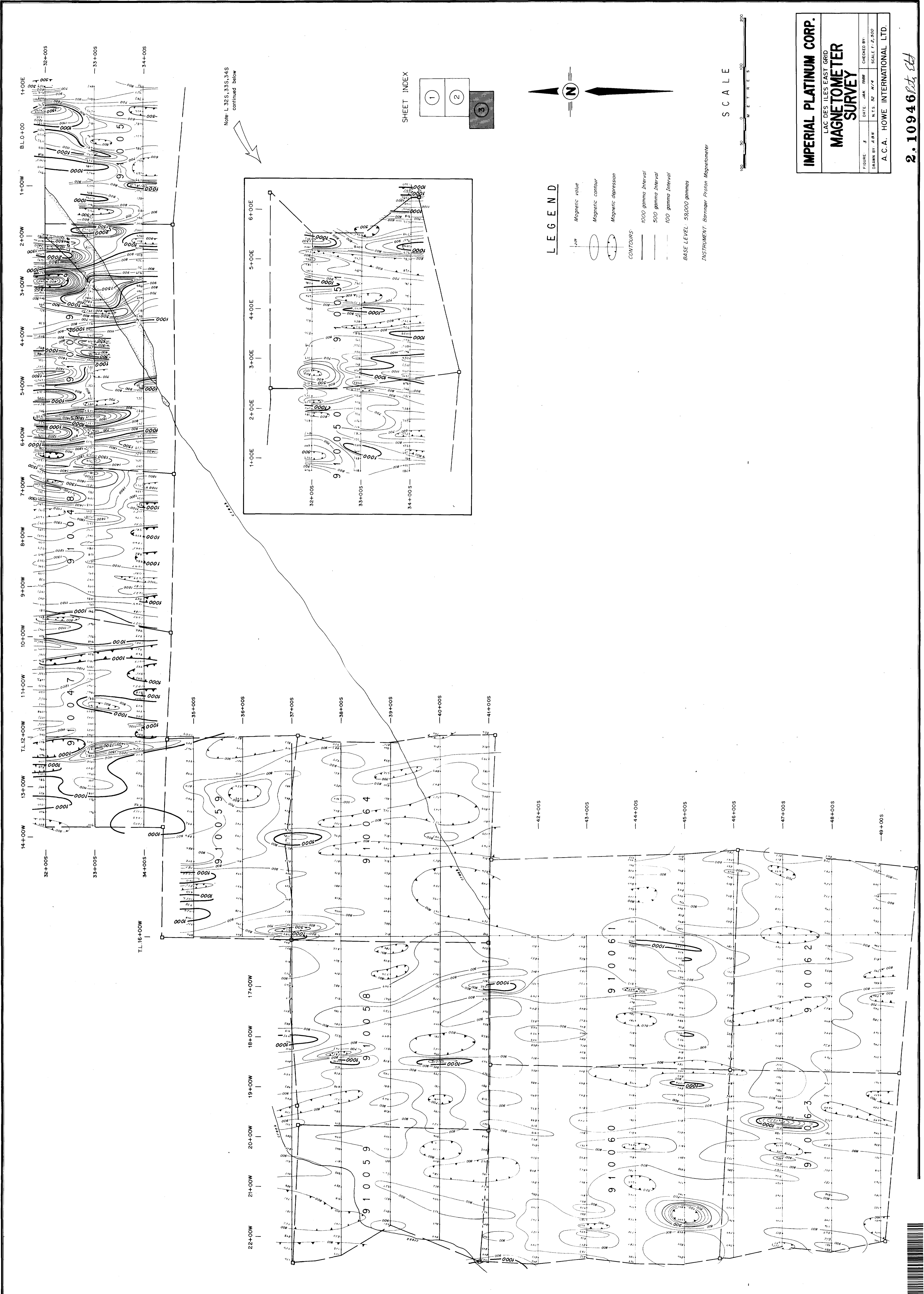
IMPERIAL PLATINUM CORP.
 LAC DES ILES WEST GRD
MAGNETOMETER SURVEY

FIGURE 4	DATE: JAN 1988	CHECKED BY:
DRAWN BY: ABN	N.T.S. 52 N/4	SCALE: 1/2,500
A.C.A. HOWE INTERNATIONAL LTD.		

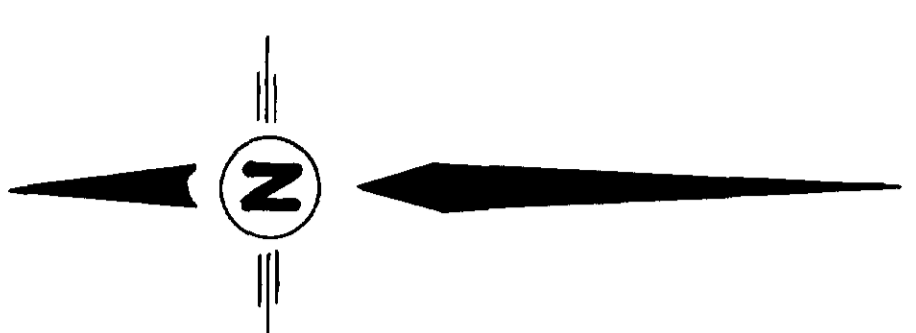
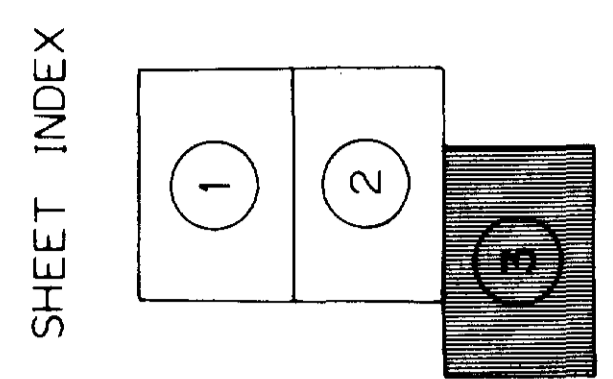
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Pete Galt





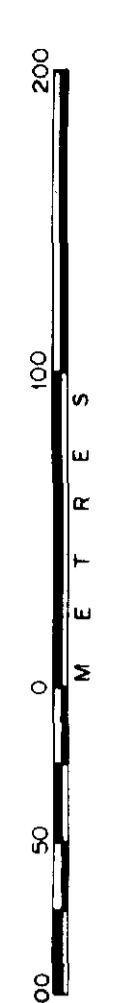
Note: L 325, 335, 345 continued below



LEGEND

- Magnetic value
- Magnetic contour
- Magnetic depression
- CONTOURS
- 1000 gamma Interval
- 500 gamma Interval
- 100 gamma Interval
- BASE LEVEL: 59,000 gammas
- INSTRUMENT: Barnard Proton Magnetometer

SCALE



IMPERIAL PLATINUM CORP.
 LAC DES ILES EAST GRID
MAGNETOMETER SURVEY

FIGURE	3	DATE	JAN 1988	CHECKED BY	
DRAWN BY	A.B.V.	N.T.S.	52	SCALE	1:2,500
A.C.A. HOWE INTERNATIONAL LTD.					

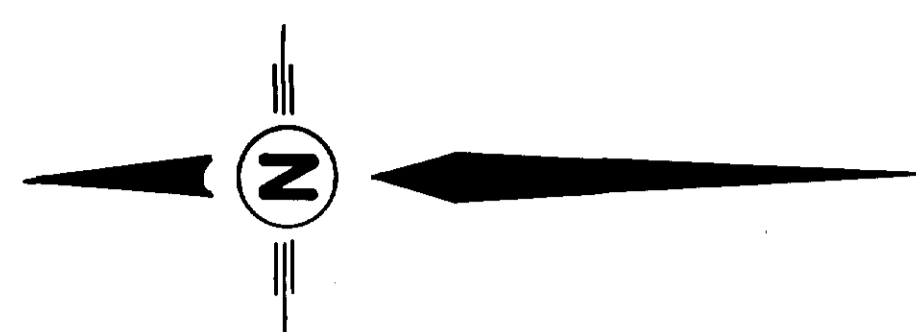
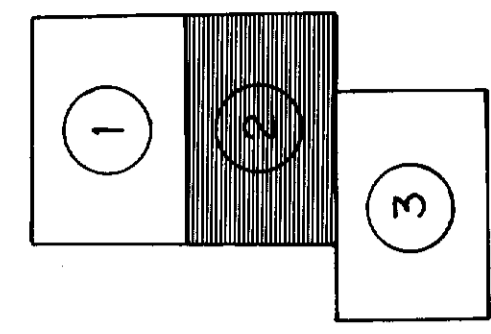
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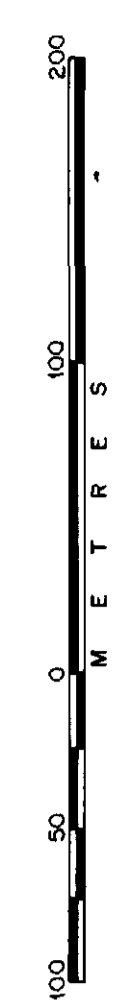
LEGEND

- Magnetic value
- Magnetic contour
- Magnetic depression
- CONTOURS
- 1000 gamma Interval
- 500 gamma Interval
- 100 gamma Interval
- BASE LEVEL 55000 gammas
- INSTRUMENT: Barnagar Proton Magnetometer

SHEET INDEX

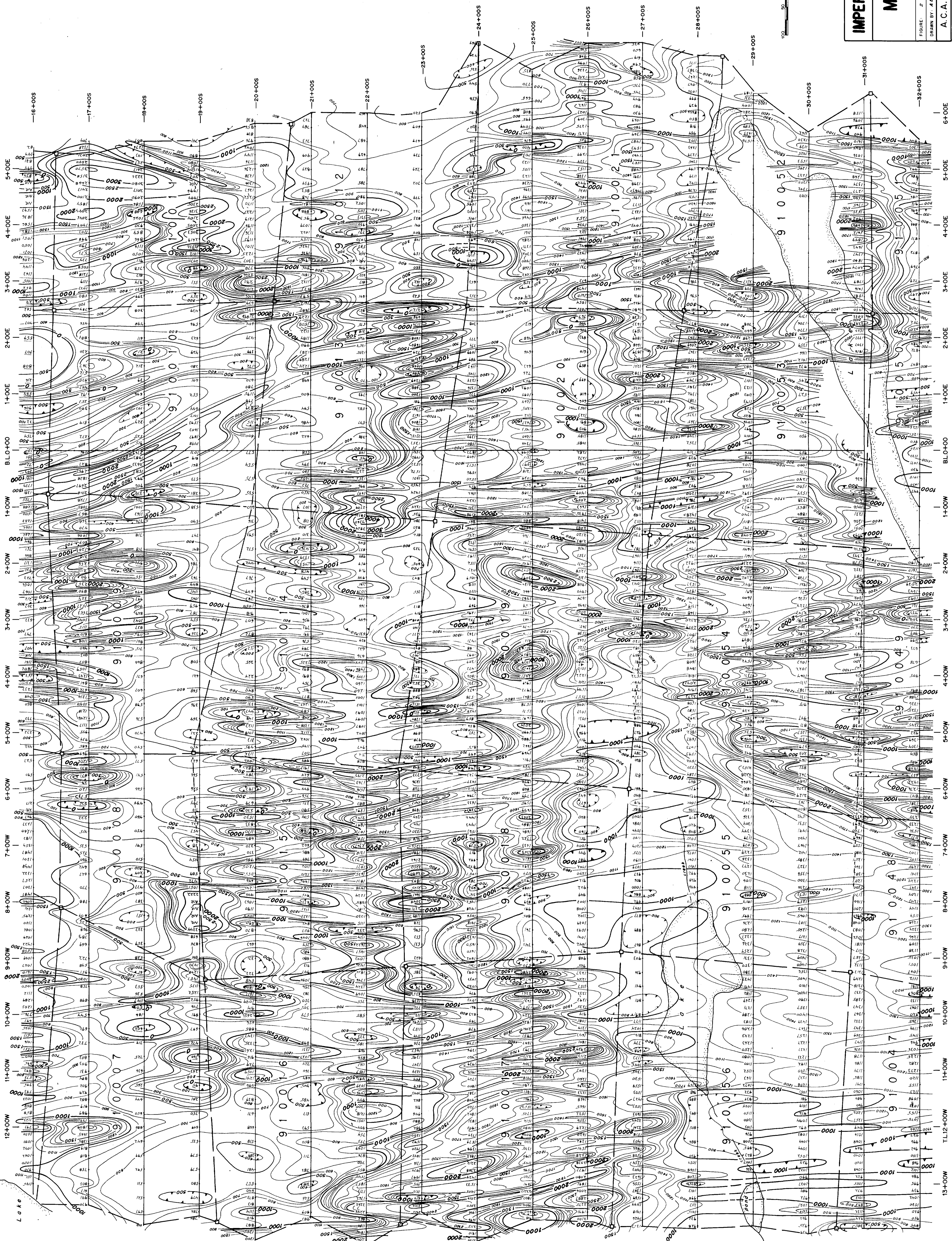


SCALE



IMPERIAL PLATINUM CORP.
LAC DES ILES EAST GRID
MAGNETOMETER SURVEY
FIGURE: 2
DATE: JAN 1988
DRAWN BY: A.B.N.
CHECKED BY: N.T.S.
SCALE: 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.

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IMPERIAL PLATINUM CORP.
 LAC DES ILES EAST GRID
MAGNETOMETER SURVEY

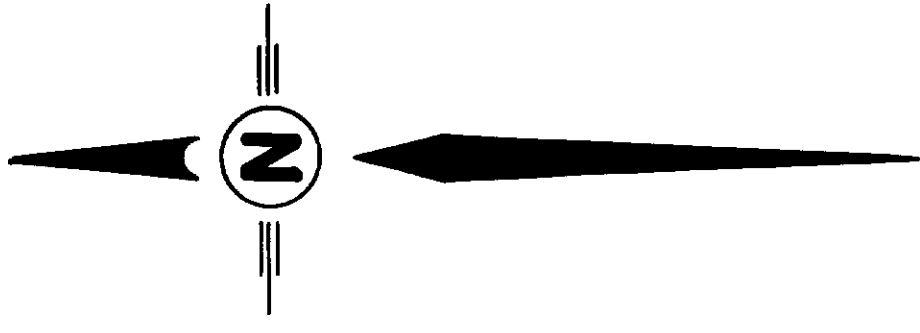
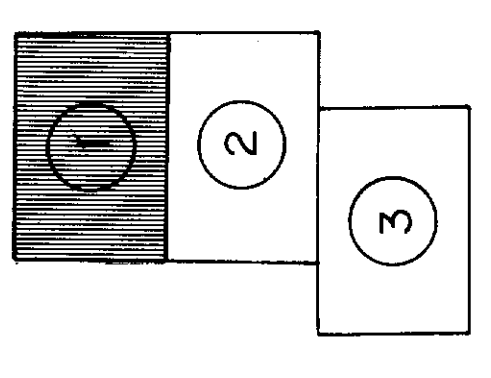
FIGURE 1	DATE NOV 1987	CHECKED BY
DRAWN BY A.S.H.	N.T.S. 52 1/4"	SCALE 1:2,500
A.C.A. HOWE INTERNATIONAL LTD.		

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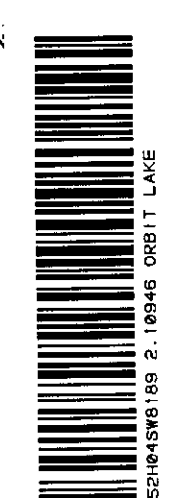
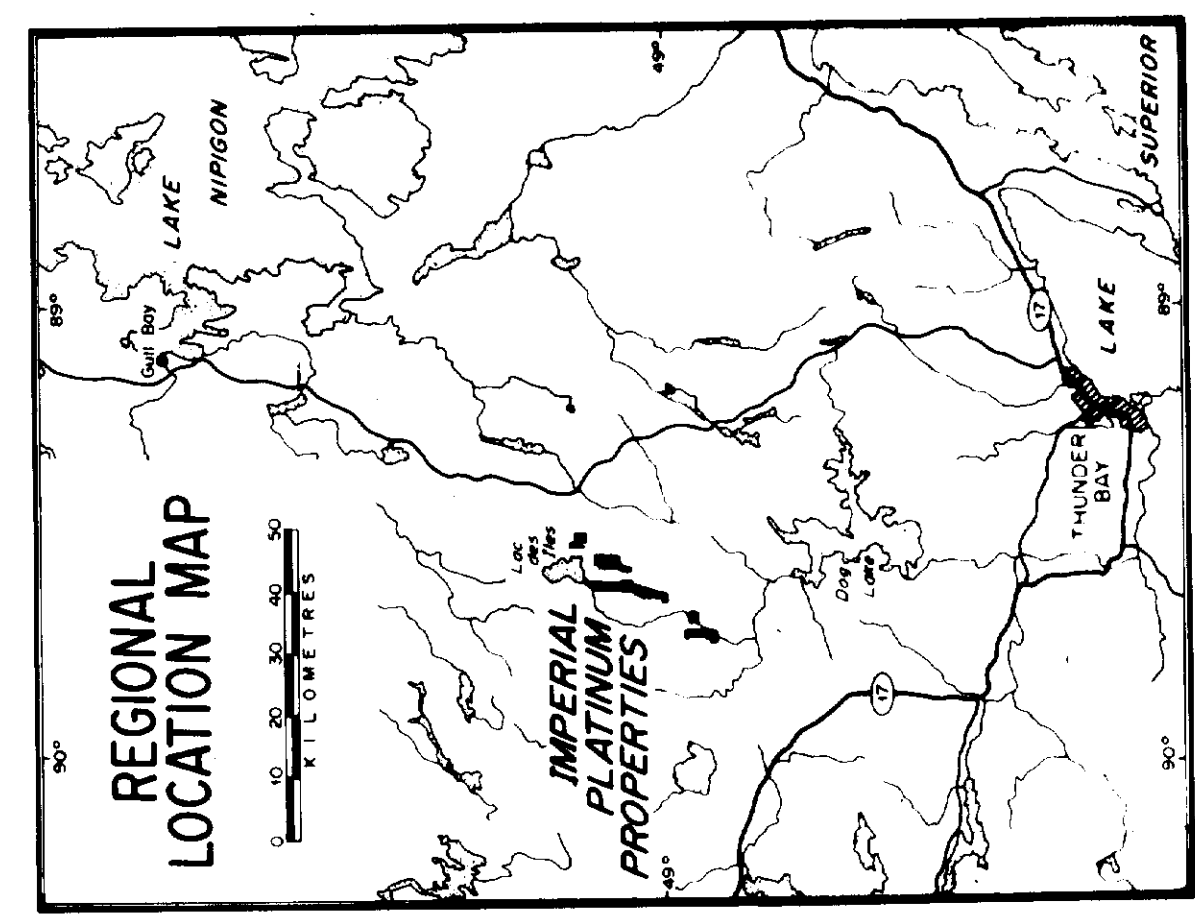
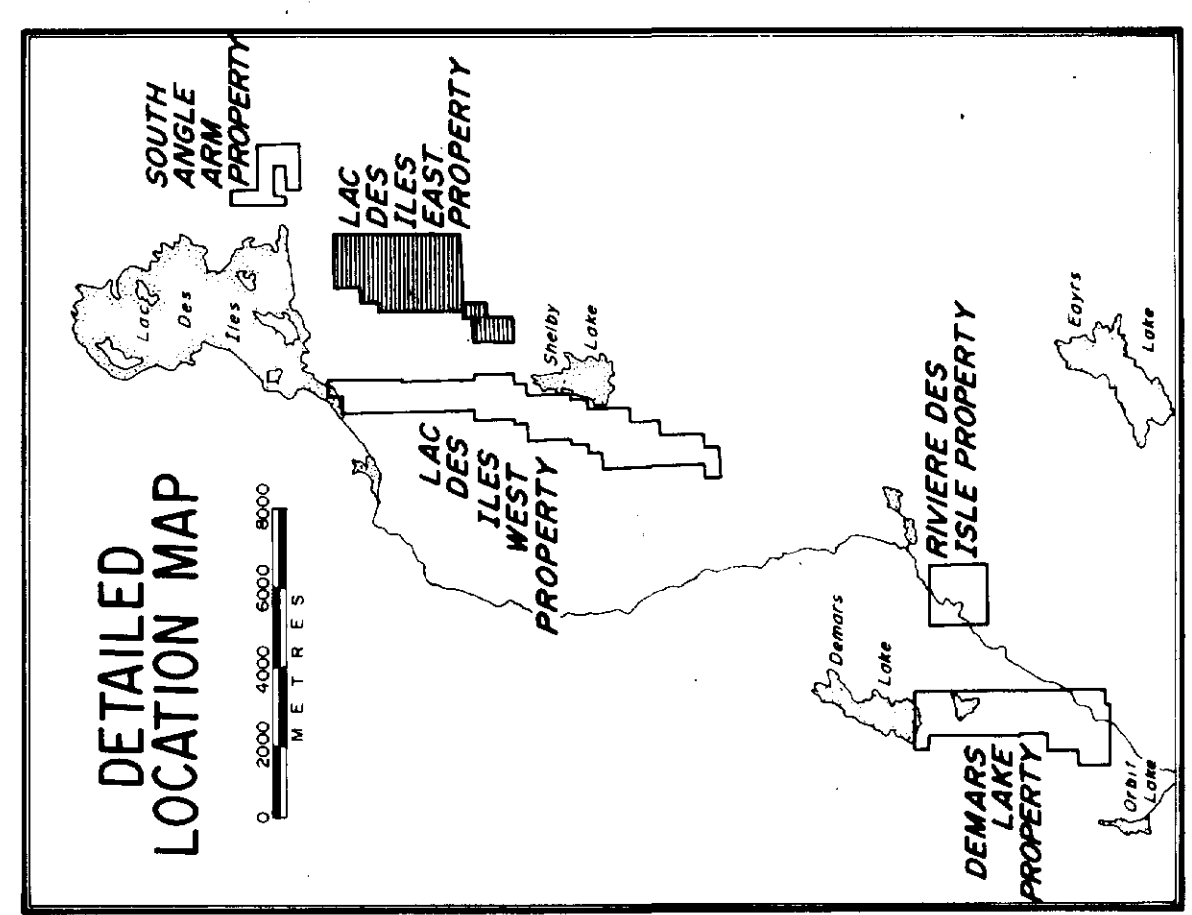
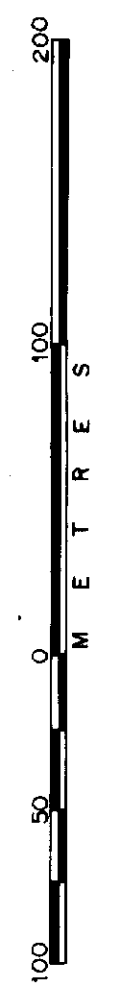
LEGEND

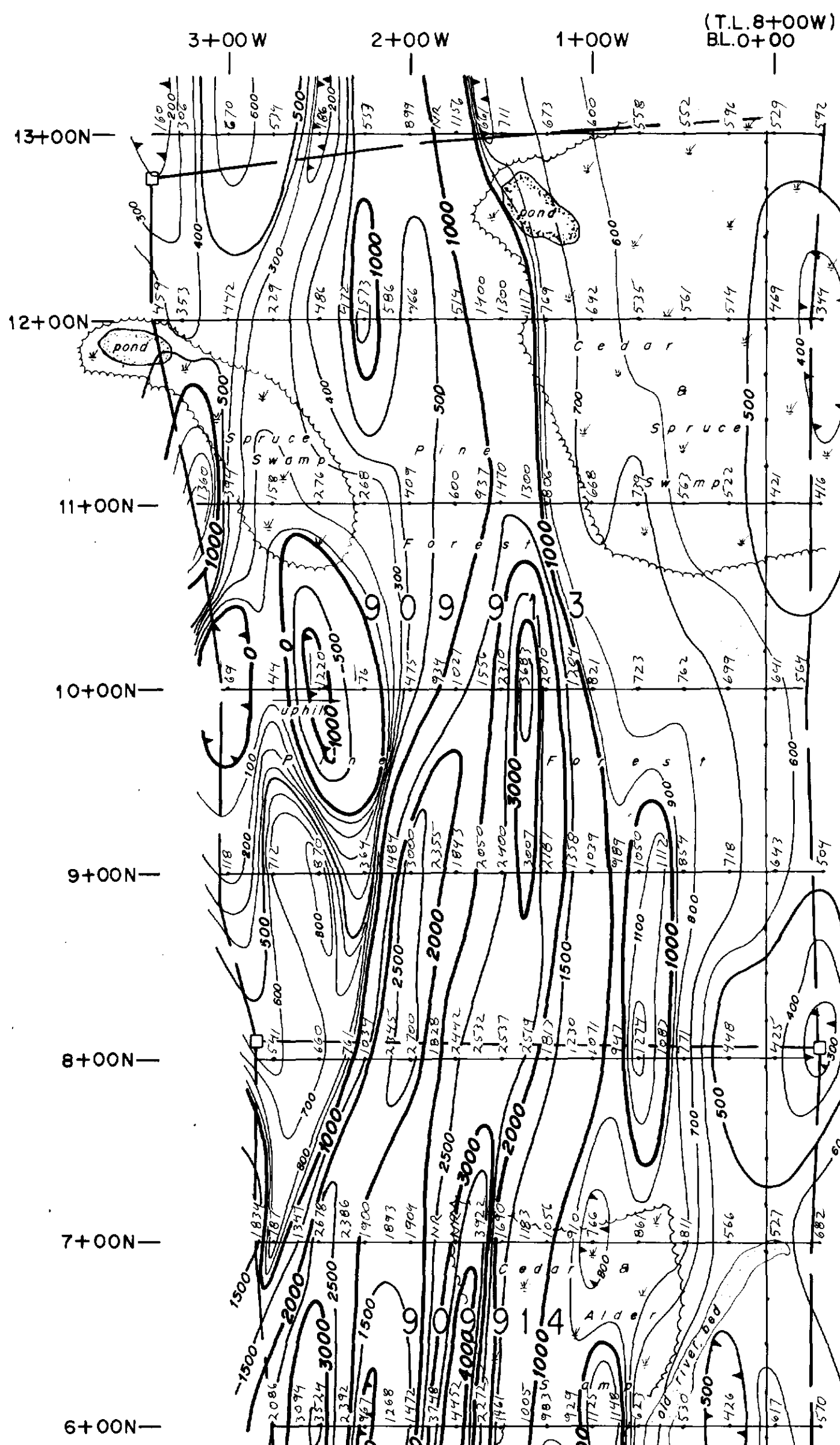
- Magnetic value
 - Magnetic contour
 - Magnetic depression
- CONTOURS
- 1000 gamma Interval
 - 500 gamma Interval
 - 100 gamma Interval
- BASE LEVEL: 59,000 gammas
- INSTRUMENT: Barinder Proton Magnetometer

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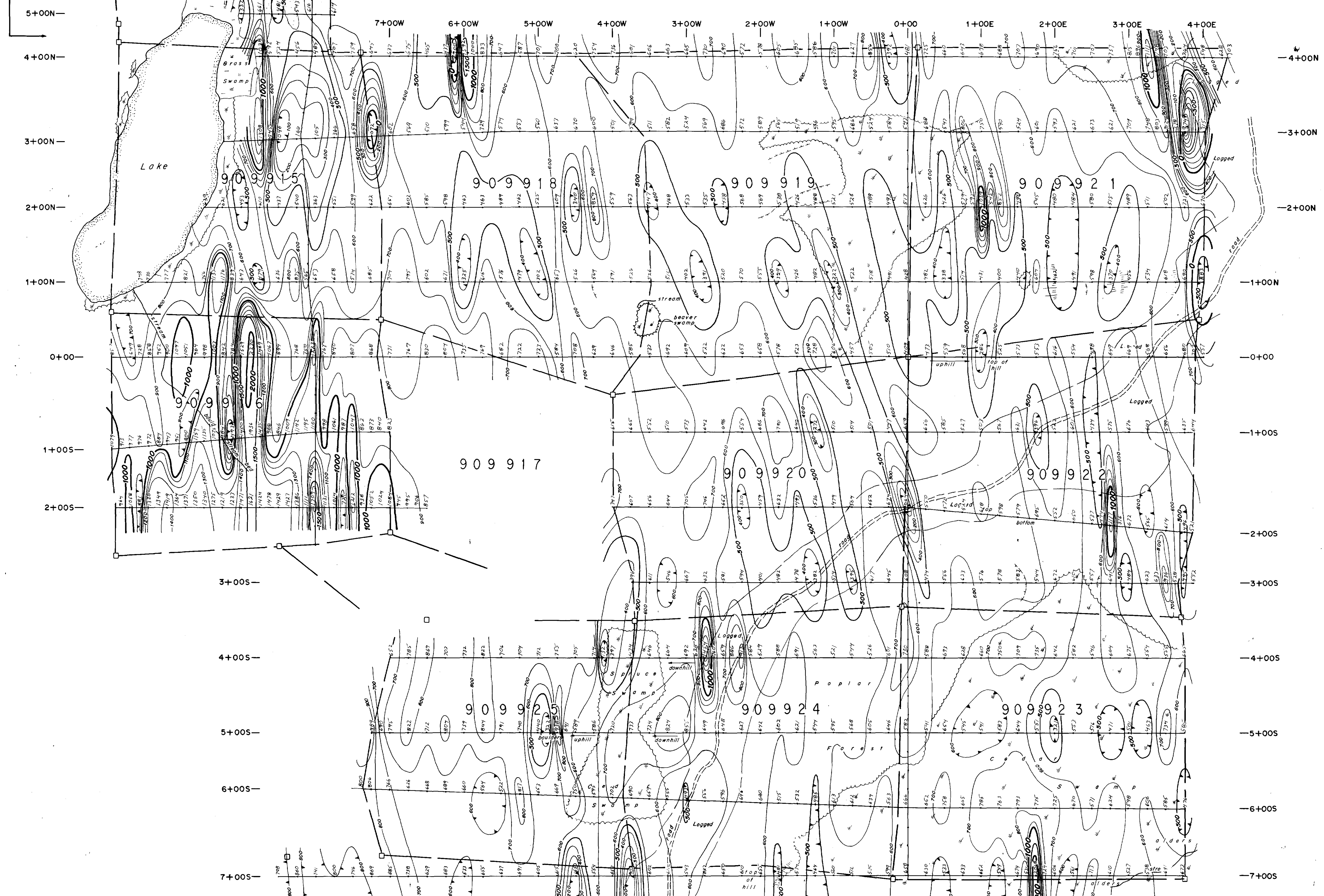


SCALE





NOTE: Change in station numbers from 5+00N to 13+00N



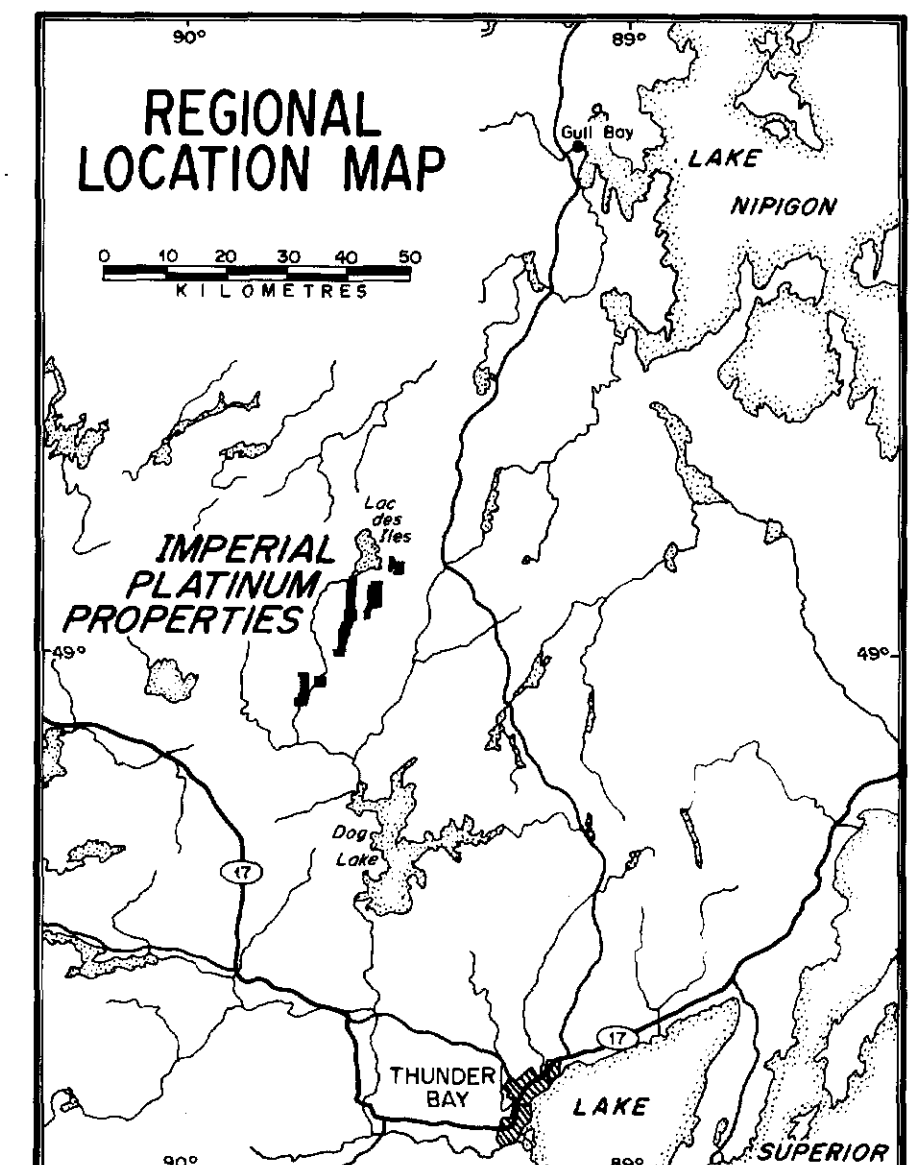
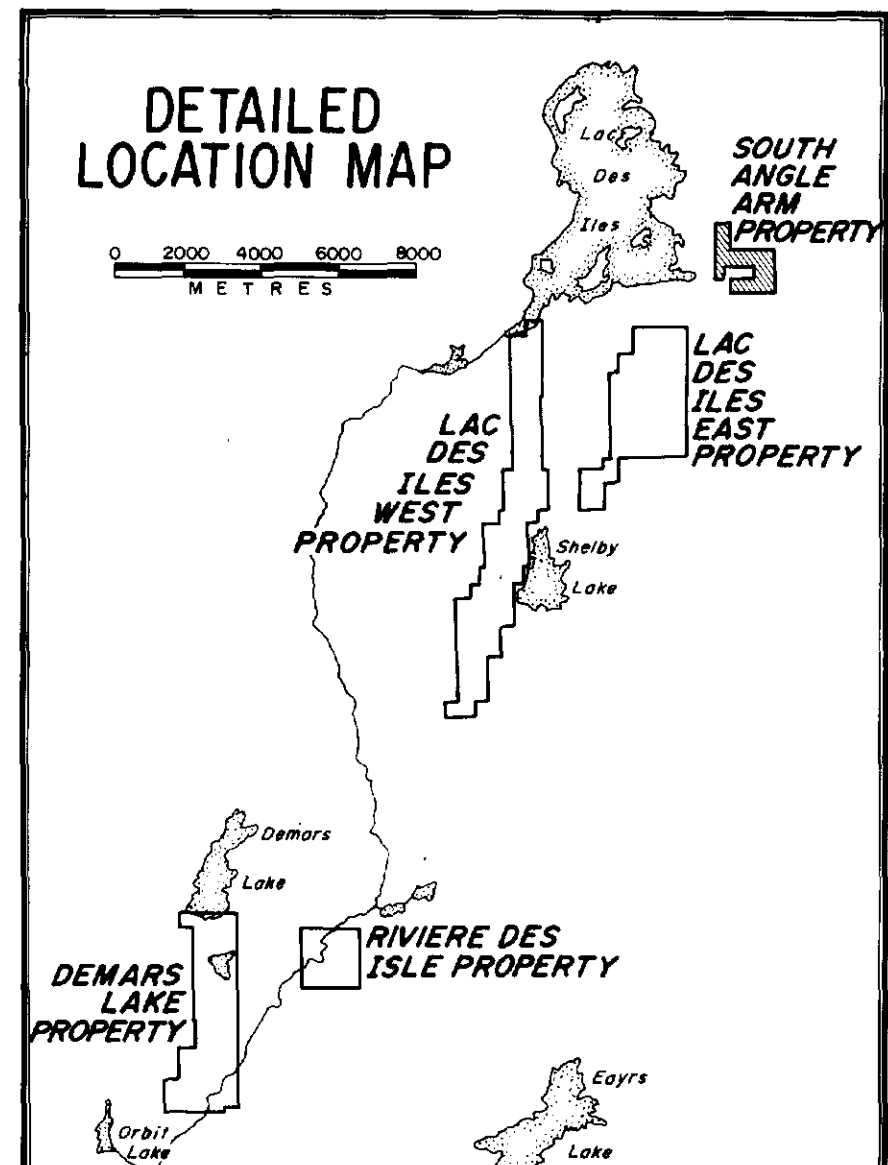
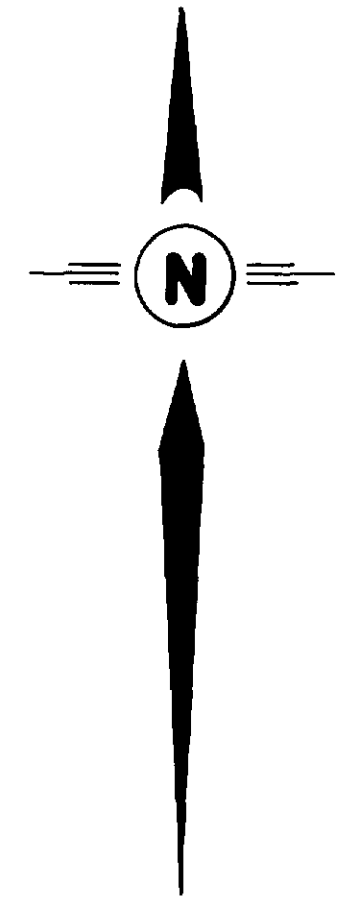
LEGEND

- Magnetic value
- Magnetic contour
- Magnetic depression

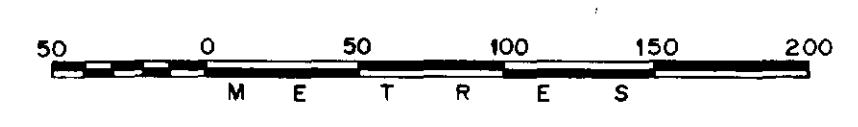
- CONTOURS:
- 1000 gamma Interval
 - 500 gamma Interval
 - 100 gamma Interval

BASE LEVEL: 59,000 gammas

INSTRUMENT: Barringer Proton Magnetometer



SCALE 1:2,500



IMPERIAL PLATINUM CORP.
 SOUTH ANGLE ARM PROPERTY
MAGNETOMETER SURVEY

FIGURE: 7	DATE: NOV 1987	CHECKED BY:
DRAWN BY: A & W	N.T.S. 52 H/4	SCALE: 1:2,500
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