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REPORT ON THE
COMBINED AIRBORNE GEOPHYSICAL SURVEY
ON THE PROPERTY OF
MCKINNON PROSPECTING
BEARDMORE TOWNSHIP
PORCUPINE MINING DIVISION, ONTARIO

BY

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JUN 27 1988

MINING LANDS SECTION

H. FERDERBER GEOPHYSICS LTD.

June, 1988
Val d'Or, Quebec

D.M. Thai B.Sc.
Geophysicist

REPORT ON THE
COMBINED AIRBORNE GEOPHYSICAL SURVEY
ON THE PROPERTY OF
MCKINNON PROSPECTING
BEARDMORE TOWNSHIP
PORCUPINE MINING DIVISION, ONTARIO

INTRODUCTION

In February and March 1988, a combined airborne geophysical survey was carried out on the property of McKinnon Prospecting in the Township of Beardmore, Porcupine Mining Division, Ontario. Magnetic and VLF-electromagnetic data were collected by the airborne division of H. Ferderber Geophysics Ltd. The survey was flown in a north-south direction for a total of 231.35 miles from a base out of Wawa, Ontario.

The magnetic survey provides information which help define underlying geological structures and identifies potential economic mineralized concentrations which may contain variations in accessory magnetic minerals. The VLF-electromagnetic survey outlines conductive zones which may represent metallic sulphide deposits and/or shear zones containing mineralization.

PROPERTY DESCRIPTION, LOCATION AND ACCESS

The property of McKinnon Prospecting is comprised of 222 claims in the township of Beardmore, Porcupine Mining Division, Ontario. The property covers approximately 3552 hectares with 112 claims in block 1, and 110 claims in block 2. The blocks are located to the south and northeast of the township, respectively. The claims are registered with the Timmins Office of the Mining Recorder and listed in appendix I.

The property is located about 17 miles east-northeast of the town of Kapuskasing, 20 miles west-northwest of the town of Smooth Rock Falls and about 9 miles north of the Trans-Canada Highway 11. Access is best obtained by Highway 11 off the town of Fauquier where a bush road leads to the property. The Groundhog River off Highway 11, can also give access to the property.

Geological maps from the Ontario Division of Mines and aerial observations indicate that outcrops are scarce and overburden is relatively thick (25 feet over some old diamond drill holes) on the claim group. The property sports several small lakes and swamps which cover about 7% of the area, the remainder being forested. Topographic relief is very low to moderate. The Groundhog River runs northward between the two claim blocks and several creeks channel through almost the entire property.

Supplies, services and qualified manpower are available in the Kapuskasing-Smooth Rock Falls area. Transmission lines are along Highway 11.

GEOLOGY

The Ontario Department of Mines Geological Compilation sheets 2161, 2266 and the Preliminary Geological Kapuskasing Sheet No. 398 indicate that the area is underlain by an Archean age Migmatite-Metasedimentary-Metavolcanic complex. The area lacks of detailed geological mapping due to extensive overburden combined with limited outcrop exposures. Several holes have been drilled on block 1 of the property indicating that the underlying rocks strike north-northeast and dip approximately 60° west-northwest. Biotite-quartz-feldspar gneisses are prominent within the complex along with some units of amphibolite and pegmatite. The metasediments are undifferentiated, whereas the metavolcanics are of felsic to intermediate in composition.

Sulphide were encountered on three of these drill holes along with a small band of iron formation striking approximately northeast.

Pyrite-pyrrhotite mineralization is spatially associated with zones of iron formation in Caithness, Gergus, Parnell and Shearer Townships. Analyses of these sulphide occurrences show only trace amounts of copper, zinc and nickel. Disseminated chalcopyrite has been reported in an outcrop of gabbro in the northwest corner of Owen Township, 10 miles west of Kapuskasing. The pyroxenite of the Cargill Carbonatite complex contains disseminated chalcopyrite and magnetite.

Gold was discovered in the southeast part of McGowan Township before 1940 in quartz veins, sparsely mineralized with chalcopyrite, arsenopyrite and galena occurring in silicified and locally pyritized metagreywacke. There are no past nor present gold producing mines in the area.

Several long, continuous and subparallel faults trend north-northeast are delineated to the west and southwest of the property. Two diabase units (dykes) are mapped on block 2 along the Groundhog River.

INSTRUMENTATION AND SURVEY METHODS

The survey was completed using a 1972 Cessna 172, fixed-wing aircraft, Registration CF-EWK, owned and operated by H. Ferderber Geophysics Ltd. The pilot and navigator/operator were Y. Saucier and myself, respectively, of Val d'Or. Geophysical sensors were mounted in modified wing tips. The geophysical, navigation and data acquisition systems are described below.

Magnetometer

The magnetometer used was a GEM Systems GSM-11, high sensitivity airborne proton (Overhauser) magnetometer. The instrument continuously measures the Earth's magnetic field at a 0.01 gamma sensitivity for 1 reading per second to 10 readings per second. For the survey 4 readings per second at an accuracy of 0.04 gammas were read. The analog output is on 2 channels for coarse and fine displays.

VLF-EM System

A Herz Totem 2A VLF-EM system was used to measure the changes in the total field and in the vertical quadrature field on two frequencies simultaneously, with an accuracy of 1%. The primary transmitting stations were Cutler Maine, (NAA) frequency 24.0 KHz.

Radar Altimeter

The ground clearance was measured with a King 10/10 A radar altimeter. The survey was flown at a mean clearance of 300 feet with the altimeter producing an accuracy of 5% (15 feet) at this altitude.

Tracking Camera and Video Centre

A RCA TC-200 colour video camera and Galaxy 200 video centre was used to record the flight path on standard VHS type video tapes. Manual fiducials were indicated on the picture frames for reference with the digital printout. Flight path recovery was aided using a Panasonic Colour Video Monitor-S1300 and Video Cassette Recorder AG-2500.

Data Acquisition System

A Picodas Group Inc. PDAS 1100 data acquisition system featuring seven analog inputs with two frequency inputs and external interfacing was used. A Termiflex Corp. ST/32 Keyboard control unit and Sharp Corp. LCD display unit is connected to the data acquisition system. At present this system stores the altimeter readings, VLF-1 inphase, VLF-1 quadrature, VLF-2 inphase, VLF-2 quadrature, magnetic field (coarse), magnetic field (fine), and the fourth difference (noise), and fiducials on a 3.5 inch floppy diskette.

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The survey was conducted on north-south lines at an aircraft altitude of 300 feet. The lines were flown at spacings of 400 feet at a speed of approximately 90 miles per hour. Navigation was visual using airphoto mosaics, at a scale of one inch to 1320 feet; Manual fiducials and video recording were used for the flight path recovery.

DATA PRESENTATION

The aerodata was processed by BSR Resource Data Corporation of London, Ontario. Flight lines, fiducial points and geophysical responses were reproduced from the airphoto mosaics and video tapes on maps at a scale of one inch to 1320 feet (1:15,840) along with satellite images. Outline of the claim group and claim map are shown on each map sheet.

The aeromagnetic data was corrected for diurnal variations by using base lines as references. The data was then contoured at 10, 100 and 1000 gamma intervals and presented on maps MG-1 and MG-2

A base value was determined for the VLF-EM data and the change in the total field strength as a percentage of the base value was calculated. The values were plotted on maps EM-1 and EM-2. The positive values were contoured at intervals of 2%. The conductor axes were determined and numbered 1, 2, 3, etc. No priority was attached to the numbering system.

SURVEY RESULTS AND INTERPRETATION

Block 1

The airborne magnetic survey outlined two distinctive series of magnetic highs which are commonly encountered in areas with iron formation. Series one, located to the south central portion of the block, is north-northeast trending, relative narrow in width and about one mile in length. The second series, located in the northwest corner of the block, is east-west trending, narrow in width and only 1/2 mile long. The first series representing an underlying band of iron formation corresponds very well with the old drill hole results whereas the second one cannot be verified by surface geology.

The rest of the property exhibits low magnetic susceptibility which indicates that the areas are underlain by granitic gneisses to felsic metavolcanics and/or metasediments.

Several cross-cutting, discontinuous faults were interpreted and labelled in areas of distortions and breakages of contoured lines. Several possible local geological contacts were also drawn on the magnetic map.

The VLF-electromagnetic survey outlines three conductive zones on block 1 of the property and are described below.

Conductive zone 1, located to the southwest corner of block 1, is a short, localized zone with relative weak amplitude response. The zone overlies Audrey Lake, thus the conductivity is thought to be caused by lake shore effects.

Conductive zone 2, located just north of zone 1 in block 1, is also a short, localized zone with moderate amplitude response. The zone overlies a low magnetic area and partly over a small lake which may represent a localized conductive amphibolitic unit containing sulphide or reflect surface conductivity of a lake.

Conductive zone 3, located to the northeast of the corner of block 1, is a short, discontinuous zone with relative weak amplitude response. The zone overlies a presumed fault in an area of magnetic low which may represent shearing or fracturing along a fault.

Block 2

Magnetic patterns of block 2 are for more complex and generally higher in magnitude than those of block 1. The magnetic contoured lines are generally lined up in the north-northeast direction to the northeast and approximately east-west to the south indicating respectively striking direction of the underlying rocks.

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Several series of localized magnetic highs are delineated throughout the block. Some are of circular shapes representing possible dioritic to gabbroic plugs, whereas the elongated narrow bodies representing cross-cutting diabase dykes.

Several short and discontinuous bands of iron formations, as indicated on the geology maps, are possibly present on the magnetic map even though their magnitudes are not extremely high.

Faultings are abundant in areas of breakages and distortions of magnetic contoured lines. Only the prominent ones are delineated and labelled on the magnetic map.

Several small, isolated zones of high magnetics are located within low magnetic background. These probably represent isolated units of amphibolite or gabbroic sills within the migmatite-metasedimentary-metavolcanic complex.

The VLF-electromagnetic survey outlined three conductive zones on block 2 of the property and are described below.

Conductive zone 4, located to the southwestern corner of the block, is a relative short, narrow and discontinuous zone with weak amplitude response. The zone partly overlies an isolated zone of high magnetics and the Groundhog River and may represent an isolated sulphide zone associated with magnetite minerals.

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Conductive zone 5, located along the western boundary just north of conductor 4, is a short, wide and continuous zone with moderate amplitude response. The zone overlies part of the Groundhog River and the shoulder of a magnetic high and may represent an isolated sulphide zone or surface conductance.

Conductive zone 6, located along the northern boundary of block 2, is west-northwest trending, long and continuous zone with moderate amplitude response. The zone overlies a high magnetic trend and a presumed fault and may represent an underlying shear or fracture in the vicinity of a diabase dyke.

CONCLUSIONS AND RECOMMENDATIONS

The combined airborne magnetic and VLF-electromagnetic survey were successful in helping outline the underlying geology and delineating conductive zones representing possible shear/fault zones on the McKinnon Prospecting Property in Beardmore Township, Porcupine Mining Division, Ontario.

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The results of the magnetic survey in combination with surface geology where applicable indicate that the claim blocks are underlain by Archean granitic gneisses to felsic metavolcanics and/or metasediments in an undefined order in block 1. Block 2 exhibits higher magnetic susceptibility which is typical of intermediate to mafic metavolcanics to metasediments with some possible isolated units of amphibolite. Granitic gneisses appear to take up a smaller proportion in comparison to block 1.

Bands of iron formation are noticed by their magnetic high distinctiveness, shortness and discontinuity. Late diabase intrusions are recognized as narrow and elongated bodies of magnetic highs, whereas circularly-shaped bodies can also be thought as diabase plugs or gabbroic sills. Faultings are abundant on the whole property and their locations are being approximated on the magnetic maps.

The VLF-electromagnetic survey outlines 6 conductive zones of different physical properties and underlying geology. Among the conductive zones, zone 1 is thought to be caused by surface effects such as conductive overburden or lake shores; zones 2, 3, 4, 5 and 6 are thought to represent bedrock conductivity which may be associated with sulphide and/or gold bearing structures and formations.

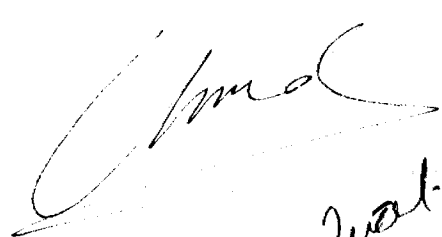
-13-

Structural and lithological diversity and complexity as indicated by the magnetic, VLF-electromagnetic and geological maps, suggest that the claims are located in favourable geologic environments for economic and/or base-metals mineralization. Exploration on the property and in the region have been discouraged in the past due to the presence of thick overburden and lack of outcrop exposures.

Further work is warranted on the property. Line cutting along with ground geophysics and re-examination of old drill holes should be carried out. On the next exploratory stages, attention should be given to the delineated bands of iron formation and the presumed intrusive bodies such as gabbroic plugs, diabase dykes etc. A preliminary diamond drilling program is to be drawn upon results of the previous phases may warrant.

Respectfully submitted,

H. FERDERBER GEOPHYSICS LTD.


D. M. Thai, B.Sc.
Geophysicist

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APPENDIX 1 - CLAIM LIST

Beardmore Township ✓56 claims ✓ Randy Salo M200110

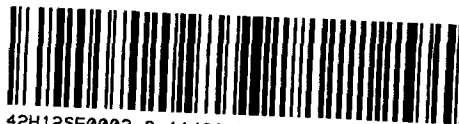
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987003	987027
987004	987028
987005	987029
987006	987030
987007	987031
987008	987032
987009	987033
987010	987034
987011	987035
987012	987036
987013	987037
987014	987038
987015	987039
987016	987040
987017	987041
987018	987042
987019	987043
987020	987044
987021	987045
987022	987046
987023	987047
987024	987048
	987049
	987050
	987051
	987052
	987053
	987054
	987055
	987056

(Cont.) Beardmore Township56 claims - Larry Salo M21107

P 986901	P 986941
986902	986942
986903	986943
986904	986944
986905	986945
986906	986946
986907	986947
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986911	986951
986912	986952
986913	986953
986914	986954
986915	986955
986916	986956
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986936	
986937	
986938	
986939	
986940	

Beardmore Township (cont.)110 claims D. McKinnon M15389

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995264	995285	995306	995224
995265	995286	995307	995225
995266	995287	995308	995226
995267	995288	995309	995227
995268	995289	995310	995228
995269	995290	995311	995229
995270	995291	995312	995230
995271	995292	995313	995231
995272	995293	995314	995232
995273	995294	995315	995233
995274	995295	995316	995234
995275	995296	995317	995235
995276	995297	995318	995236
995277	995298	995319	995237
995278	995299	995320	995238
995279	995300	995321	995239
995280	995301	995322	995240
995281	995302	995323	995241
995282	995303	995324	995242
995283	995304		995243
			995244
995215			995245
995216			995246
995217			995247
995218			995248
995219			995249
995220			995250
995221			995251
995222			995252
			995253
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			995260
			995261
			995262



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REPORT ON THE
COMBINED AIRBORNE GEOPHYSICAL SURVEYS
ON THE PROPERTY OF
MCKINNON PROSPECTING
HURDMAN, BEARDMORE, MACHIN, AND
ALEXANDRA TOWNSHIPS, ONTARIO

BY

H. FERDERBER GEOPHYSICS LTD.

RECEIVED

JUL 25 1988

July 22, 1988
Val d'Or, Quebec

MINING LANDS SECTION

L.L. Ahern, B.Sc.
Geologist

REPORT ON THE COMBINED AIRBORNE GEOPHYSICAL SURVEY
ON THE PROPERTY OF MCKINNON PROSPECTING
HURDMAN, BEARDMORE, MACHIN, AND ALEXANDRA TOWNSHIPS, ONTARIO

INTRODUCTION

Between February 29 and March 9, 1988 a combined airborne geophysical survey was completed on the McKinnon Prospecting property in Hurdman, Beardmore, Machin, and Alexandra Townships, Ontario. Magnetic and VLF-electromagnetic data was collected by the airborne division of H. Ferderber Geophysics Ltd. The survey was flown from a base at Kapuskasing, Ontario. A total of 1355.3 miles of data was collected along northeast-southwest flight lines.

The magnetic survey provides information which helps define the underlying geological structures and identifies any potential economic concentrations which may contain variations in accessory magnetic minerals. The VLF-electromagnetic survey outlines conductive zones which may represent shear zones and/or metallic sulphide deposits containing gold mineralization.

PROPERTY DESCRIPTION, LOCATION AND ACCESS

The McKinnon Property totals 1090 claims, with 34 claims in Beardmore Township, 715 claims in Hurdman Township, 148 claims in Machin Township, and 193 claims in Alexandra Township, Porcupine Mining Division, Ontario. The claims have an area of approximately 17,440 hectares in three blocks, covering 70% of Hurdman Township, 20% of Alexandra Township, and 3% of Beardmore Township, and 10% of Machin Township. The claims are registered with the Office of the Mining Recorder at Timmins, Ontario and are listed in Appendix 1.

The northern claim block is located approximately eight miles west of Highway 807 and eleven miles north of Highway 11, the southeastern claim block is located approximately twelve miles west of Highway 807 and six miles north of Highway 11, and the southwestern claim block is located approximately seven miles north of Highway 11 and the town of Gregoires Mills, and seventeen miles west of Highway 807. Access can be obtained by several bush roads extending west and north from these two highways. The Canadian National Railway and TransCanada Highway pass within six miles south of the property.

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The southeastern part of the property is approximately six miles due north of the C.N.R. station of Strickland, ten miles northwest of the town of Smooth Rock Falls, and approximately forty-two miles northwest of the city of Cochrane.

The northern claim block is cut on the east by the Mattagami River, and contains the Hurdman Creek, Poplar Rapids River, and Leblanc Lake. The southeastern claim block is centrally divided by Poplar Rapids River from north to south. Shackleton Creek, Alex Creek, and Alex Lake are also located within the southeastern claim block. The southwestern claim block is 0.5 miles east of the Dixon Rapids within Groundhog River. The Shackleton Creek cuts the southeastern corner of this claim block from northeast to southwest. Outcrops are rare on the property, particularly since 90% of the property is covered by glacial overburden. Several very large drumlins trend north-south, and are located east of Poplar Rapids River and east and west of Shackleton Creek.

Supplies, services, and qualified manpower are readily available locally in the Timmins area.

GEOLOGY

The Ontario Department of Mines Geological Compilation Series, Coral Rapids - Cochrane Sheet, Map 2161, outlines the geology underlying the property. According to Map 2161, the McKinnon property is underlain by a Precambrian Migmatite-Metasedimentary-Metavolcanic Complex of predominantly gneisses and granites. Outcrops and diamond drilling along the Mattagami River and Poplar Rapids River have intersected pyroxenites and granite pegmatites. Diamond drilling within the central part of the southwestern claim block has intersected sulphide mineralization and hybrid granitic gneisses and hornblende-feldspar gneisses.

The major structural feature is a north-south striking fault, located approximately eight miles east of the property. It extends from Eddie Lake in the south to the town of Killoran in the north, where it divides and extends north in a north-northwesterly direction.

Three sulphide occurrences within the northern claim block and one sulphide occurrence within the southwestern claim block are composed of pyrite and pyrrhotite. According to Map 2161, these sulphide occurrences are spatially associated with zones of iron formation within the volcanic-sedimentary complexes. No producing mines or past producers are located within the map area.

INSTRUMENTATION AND SURVEY METHODS

The survey was completed using a 1972 Cessna 172, fixed-wing aircraft, call letters CF-EWK, owned and operated by H. Ferderber Geophysics Ltd. The pilot and navigator/operator were Y. Saucier and F. Longpre, respectively, of Val d'Or. Geophysical sensors were mounted in modified wing tips. The geophysical, navigation and data acquisition systems are described below.

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Magnetometer

The magnetometer used was GEM Systems GSM-11, high sensitivity airborne proton (Overhauser) magnetometer. The instrument continuously measures the Earth's magnetic field at a 0.01 gamma sensitivity for 1 reading per second or 0.05 gamma to 10 readings per second at a 0.1 gamma absolute accuracy. For the survey 4 readings per second at an accuracy of 0.04 gammas were read. The analog output is on 3 channels, from 1 to 10,000 gammas full scale.

VLF-EM System

A Herz Totem 2A VLF-EM System was used to measure the changes in the total field and in the vertical quadrature field on two frequencies simultaneously, with an accuracy of 1%. The primary transmitting station of Cutler, Maine, (NAA), frequency 24.0 KHz was employed in survey.

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Radar Altimeter

The ground clearance was measured with a King 10/10 A radar altimeter. The survey was flown at a mean clearance of 300 feet with the altimeter producing an accuracy of 5% (15 feet) at this altitude.

Tracking Camera and Video Centre

A RCA TC-200 colour video camera and Galaxy 200 video centre was used to record the flight path on standard VHS type video tapes. Manual fiducials were indicated on the picture frames for reference with digital printout. Flight path recovery was aided using a Panasonic Colour Video Monitor-S1300 and Video Cassette Recorder AG-2500.

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Data Acquisition System

A Picodas Group Inc. PDAS 1100 data acquisition system featuring seven analog inputs with two frequency inputs and external interfacing was used. A Termiflex Corp. ST/32 Keyboard control unit and Sharp Corp. LCD display unit are connected to the data acquisition system. At present this system stores the altimeter VLF-1 inphase, VLF-1 quadrature, VLF-2 inphase, VLF-2 quadrature, magnetic field (coarse), magnetic field (fine), and the fourth difference (noise), and fiducials on 3.5 inch floppy disk drive. The data is then printed out in digital and profile form.

The survey was conducted on northeast-southwest lines were flown at spacings of 440 feet at a speed of approximately 90 miles per hour. Navigation was visual using airphoto mosaics, at a scale of one inch to 1320 feet, manual fiducials and the flight path recovery system as references.

DATA PRESENTATION

Flight lines, fiducial points and geophysical responses were reproduced from the airphoto mosaics at a scale of one inch to 1320 feet (1:15,840). The outline of the claim blocks and claim map are shown on each map sheet.

The aeromagnetic data was corrected for diurnal variations by using base lines as reference and the data was contoured at 10 gamma intervals and presented on Map MG-1.

The VLF-EM was transferred from the Totem 2AG memory to printed form. A base value was determined for the VLF-EM profiled data. These values were used to correct for variations in transmitter strength and the corrected changes in the total field strengths were plotted on Map EM-1. The positive values were contoured at intervals of 2%. The conductor axes were determined and labelled 1, 2, 3, etc. No priority was attached to the labelling system.

SURVEY RESULTS AND INTERPRETATIONMagnetic Survey

The magnetic survey was successful in confirming the underlying geology as indicated on O.D.M. Map 2161. Ninety percent of the McKinnon property has a consistently low magnetic signature with values ranging from 700 to 800 gammas above background. This indicates that the rocks underlying these regions are relatively homogeneous in composition, and contain similar amounts of magnetite. O.D.M. map 2161 shows that Early Precambrian metasediments underlie this area.

VLF-Electromagnetic Survey

The VLF-electromagnetic survey was successful in outlining seventeen conductors within the McKinnon Prospecting property.

Conductor 1 is a two-line northeasterly trending conductor located in the northwestern corner of the northern block. It overlies an area of low to moderate magnetic susceptibility, and cuts the magnetic contours at right angles. Conductor 1 is located adjacent to Beardmore Creek, and could be caused by

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conductive overburden or a change in topographic relief.

Conductor 2, two subparallel northwesterly striking conductors, is located north of conductor 1 in the northwestern corner of the northern block. It overlies an area of low magnetics, and cuts the magnetic contours at right angles. Conductor 2 overlies the location of Beardmore Creek, and could be caused by a change in topographic relief.

Conductor 3 is comprised of two parallel northwesterly striking conductors, located south of Mattagami River and along the northern boundary of the northern claim block. It overlies an area of low magnetics, and may be due to conductive overburden.

Conductors 4 and 5 are two sets of very strong northwesterly striking conductors located in the northcentral part of the northern claim block. They overlie the shoulders of a magnetic high, and may be the result of shear zones within a band of iron formation.

Conductor 6 is single north-northeasterly striking conductor located in the central part of the northern claim block. It overlies an area of moderate magnetic values, and may represent a cross-cutting shear zone within a band of iron formation.

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Conductor 7 is composed of two parallel northwesterly striking conductors located along the southwestern boundary of the northern claim block. They cut the shoulders of a magnetic high at an oblique angle, and may be the result of a cross-cutting shear zone within a band of iron formation.

Conductor 8 is a single line northerly striking conductor located along the southern boundary of the northern claim block. It overlies and parallels the location of Poplar Rapids River, and may be the result of a change in topographic relief.

Conductors 9 and 10 are single line westerly striking conductors located parallel to the shores of the Mattagami River in the northern claim block. Conductor 9 overlies an area of low magnetic susceptibility, and conductor 10 cuts the shoulder of magnetic high at an oblique angle. The strength and location of these two conductors is probably due to conductive overburden or a change in topographical relief.

Conductor 11 is a two-line parallel west-northwesterly striking conductor located along the eastern boundary of the northern claim block and along the north shore of the Mattagami River. The strength and location of this conductor is probably due to a change in topographic relief.

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Conductors 12, 13, and 14 are located in the south-central part of the southeastern claim block. Conductor 12 is composed of two parallel northwesterly striking conductors; conductor 13 is composed of two subparallel westerly striking conductors; and conductor 14 is a single line northeasterly striking conductor. They overlie an area of high magnetic susceptibility, and probably represent cross-cutting shear zones within a band of iron formation.

Conductors 15, 16, and 17 are all northwesterly striking conductors located within the south-central part of the southwestern claim block. They overlie an area of low magnetic susceptibility, and may be the result of conductive overburden.

CONCLUSIONS AND RECOMMENDATIONS

The results of the combined airborne magnetic and VLF-electromagnetic surveys were successful in helping outline the property geology and in delineating 17 conductive zones underlying the McKinnon Prospecting property in Hurdman, Beardmore, Machin and Alexandra Townships, Ontario.

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The airborne magnetometer survey seems to indicate that the rocks underlying the McKinnon property are relatively homogeneous in composition, and contain similar amounts of magnetite. Northeasterly striking bands of low to moderate magnetic susceptibility appears to confirm the presence of banded iron formation within the property boundaries. Seven of the VLF-electromagnetic conductors outlined by the recent surveys appear to be the result of cross-cutting shear zones within the presumed bands of iron formation.

Further exploration work is warranted over the property, particularly in the vicinity of the possible bedrock conductor. Ground magnetic and horizontal loop-electromagnetic surveys could be performed to better define the underlying geology and to delineate and classify the conductive zone.

Respectfully submitted,

H. FERDERBER GEOPHYSICS LTD.



L.L. Ahern, B.Sc.

Geologist.

APPENDIX I - CLAIM LIST

Beardmore Township (34 claims)

P 958203	P 958212	P 958337	P 958346
958204	958213	958338	958347
958205	958214	958339	958348
958206	958215	958340	958349
958207	958216	958341	958350
958208	958333	958342	958351
958209	958334	958343	958352
958210	958235	958344	
958211	958236	958345	

Hurdman Township (715 claims)

P 958217	P 958256	P 958294	P 958332
958218	958257	958295	958527
958219	958258	958296	958528
958220	958259	958297	958529
958221	958260	958298	958530
958222	958261	958299	958531
958223	958262	958300	958532
958224	958263	958301	958533
958225	958264	958302	958534
958226	958265	958303	958535
958227	958266	958304	958536
958228	958267	958305	958537
958229	958268	958306	958538
958230	958269	958307	958539
958231	958270	958308	958540
958232	958271	958309	958541
958233	958272	958310	958542
958234	958273	958311	958651
958235	958274	958312	958652
958236	958275	958313	958653
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958240	958279	958317	958657
958241	958280	958318	958658
958242	958281	958319	958659
958243	958282	958320	958660
958244	958283	958321	958661
958245	958284	958322	958662
958246	958285	958323	958663
958247	958286	958324	958664
958248	958287	958325	958665
958249	958288	958326	958666
958250	958289	958327	958667
958251	958290	958328	958668
958253	958291	958329	958669
958254	958292	958330	958670
958255	958293	958331	958671

Hurdman Township (Cont.)

P 958672	P 958774	P 958824	P 958967
958673	958775	958825	958968
958674	958776	958826	958969
958675	958777	958827	958970
958676	958778	958828	958971
958677	958779	958829	958972
958678	958780	958830	958973
958679	958781	958831	958974
958680	958782	958832	958975
958681	958783	958833	958976
958682	958784	958834	958977
958683	958785	958835	958978
958684	958786	958836	958979
958685	958787	958837	958980
958686	958788	958838	958981
958687	958789	958839	958982
958688	958790	958840	958983
958689	958791	958841	958984
958690	958792	958842	958985
958691	958793	958843	958986
958692	958794	958844	958987
958693	958795	958845	958988
958694	958796	958846	958989
958695	958797	958847	958990
958696	958798	958941	958991
958697	958799	958942	958992
958698	958800	958943	958993
958751	958801	958944	958994
958752	958802	958945	958995
958753	958803	958946	958996
958754	958804	958947	958997
958755	958805	958948	958998
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958759	958809	958952	959002
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958761	958811	958954	959004
958762	958812	958955	959005
958763	958813	958956	959006
958764	958814	958957	968501
958765	958815	958958	968502
958766	958816	958959	968503
958767	958817	958960	968504
958768	958818	958961	968505
958769	958819	958962	968506
958770	958820	958963	968507
958771	958821	958964	968508
958772	958822	958965	968509
958773	958823	958966	968510

Hurdman Township (Cont.)

P 968511	P 968561	P 968715	P 968765
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968520	968570	968724	968774
968521	968571	968725	968775
968522	968572	968726	968776
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968525	968575	968729	968779
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968529	968579	968733	968783
968530	968580	968734	968801
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968532	968582	968736	968803
968533	968583	968737	968804
968534	968584	968738	968805
968535	968585	968739	968806
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968551	968705	968755	968822
968552	968706	968756	968823
968553	968707	968757	968824
968554	968708	968758	968825
968555	968709	968759	968826
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968559	968713	968763	968830
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Hurdman Township (Cont.)

P 968832	P 968882	P 968634	P 968684
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968876	968628	968678	
968877	968629	968679	
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968879	968631	968681	
968880	968632	968682	
968881	968633	968683	

Alexandra Township (193 claims)

P 958551	P 958601	P 958867	P 958917
958552	958602	958868	958918
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958554	958604	958870	958920
958555	958605	958871	958921
958556	958606	958872	958922
958557	958607	958873	958923
958558	958608	958874	958924
958559	958609	958875	958925
958560	958610	958876	958926
958561	958611	958877	958927
958562	958612	958878	958928
958563	958613	958879	958929
958564	958614	958880	958930
958565	958615	958881	958931
958566	958616	958882	958932
958567	958617	958883	958933
958568	958618	958884	958934
958569	958619	958885	958935
958570	958620	958886	958936
958571	958621	958887	958937
958572	958622	958888	958938
958573	958623	958889	1014190
958574	958624	958890	1014191
958575	958625	958891	1014192
958576	958626	958892	1014193
958577	958627	958893	1014194
958578	958628	958894	1014195
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958580	958630	958896	1014197
958581	958631	958897	1014198
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958585	958851	958901	1014202
958586	958852	958902	1014203
958587	958853	958903	1014204
958588	958854	958904	1014205
958589	958855	958905	1014206
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958595	958861	958911	
958596	958862	958912	
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958598	958864	958914	
958599	958865	958915	
958600	958866	958916	

Machin Township (148 claims)

P 986957	P 986994	P 987087	P 997032
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986961	986998	987091	997036
986962	986999	987092	997037
986963	987000	987093	997038
986964	987057	987094	997039
986965	987058	987095	997040
986966	987059	987096	997041
986967	987060	997005	997042
986968	987061	997006	997043
986969	987062	997007	997044
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986971	987064	997009	997046
986972	987065	997010	997047
986973	987066	997011	997048
986974	987067	997012	997049
986975	987068	997013	997050
986976	987069	997014	997051
986977	987070	997015	997052
986978	987071	997016	997053
986979	987072	997017	997054
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986981	987074	997019	997056
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986983	987076	997021	997058
986984	987077	997022	997059
986985	987078	997023	997060
986986	987079	997024	997061
986987	987080	997025	997062
986988	987081	997026	997063
986989	987082	997027	997064
986990	987083	997028	997065
986991	987084	997029	997066
986992	987085	997030	997067
986993	987086	997031	997068

CLAIM FOLDERS

ALEXANDRA TOWNSHIP (172 CLAIMS)

958551 - 958634
958851 - 958938

MARC MORRISSETTE M 23580 84
ROBERT CADA M 23578 84
172

BEARDMORE TOWNSHIP (34 CLAIMS)

958203 - 958216
958333 - 958352

HERVE ST. LOUIS M 21084 14
ADRIEN BEAUDOIN M 18830 20
34

HURDMAN TOWNSHIP (342 CLAIMS)

958217 - 958251
958253 - 958332
958527 - 958542
958651 - 958698
958751 - 958847
958941 - 959006

HERVE ST. LOUIS M 21084 35
ADRIEN BEAUDOIN M 18830 80
KIRK HILTS M 23589 16
LARRY SALO M 20010 48
RON BOULARD M 23769 97
KIRK HILTS M 23589 66
342

ALEXANDER

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APRIL 6, 1988

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HURDMAN

P. 958217	P. 958271	P. 958324
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P. 958782	P. 958835	P. 958981

P. 958783 ✓	P. 958836 ✓	P. 958962 ✓
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P. 958984 ✓	P. 958992 ✓	P. 959000 ✓
P. 958985 ✓	P. 958993 ✓	P. 959001 ✓
P. 958986 ✓	P. 958994 ✓	P. 959002 ✓
P. 958987 ✓	P. 958995 ✓	P. 959003 ✓
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P. 958989 ✓	P. 958997 ✓	P. 959005 ✓
P. 958990 ✓	P. 958998 ✓	P. 959006 ✓

BEARDMORE

P. 958203	P. 958336
P. 958204	P. 958337
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P. 958216	P. 958349
P. 958333	P. 958350
P. 958334	P. 958351
P. 958335	P. 958352

APRIL 6, 1988

Om

Mining Act

Type of Survey(s) AIRBORNE MAGNETOMETER VLF-EM	Township or Area BEARDMORE
Claim Holder(s) RANDY SALO	Prospector's Licence No. M21107
Address C/O BOX 1130, TIMMINS, ONTARIO P4N 7H6	
Survey Company H. FERDERBER GEOPHYSICS LTD.	Date of Survey (from & to) 29 02 88 09 03 88 Day Mo. Yr. Day Mo. Yr.
Name and Address of Author (of Geo-Technical report) R.A. CAMPBELL 169 PERREAULT AVENUE, VAL D'OR, QUEBEC J9P 2HA	
Total Miles of line Cut 56	

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic VLF	30
	Magnetometer	30
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
SEE ATTACHED LIST					
RECEIVED JUN 24 1988 MINING LANDS SECTION					
RECORDED MAY 11 1988					

Expenditures (excludes power stripping)

Type of Work Performed PERFORMING MINING OPERATIONS
Performed on MAY 11 1988
Calculation of Expenditure Days Credits
Total Expenditures \$ <input type="text"/> + 15 = <input type="text"/>
Total Days Credits <input type="text"/>

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date MAY 11, 1988	Recorded Holder or Agent (Signature) <i>[Signature]</i>
-----------------------------	--

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, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying DON MCKINNON, BOX 1130 TIMMINS, ONTARIO P4N 7H6
--

Date Certified MAY 11, 1988	Certified by (Signature) <i>[Signature]</i>
---------------------------------------	--

For Office Use Only

Total Days Cr. Recorded 3360	Date Recorded May 11, 1988	Mining Recorder <i>[Signature]</i>
	Date Approved as Recorded 29 Aug 88	Branch Director <i>[Signature]</i>

Total number of mining claims covered by this report of work. **56**

BEARDMORE

- | | |
|-----------|-----------|
| P. 987001 | P. 987029 |
| P. 987002 | P. 987030 |
| P. 987003 | P. 987031 |
| P. 987004 | P. 987032 |
| P. 987005 | P. 987033 |
| P. 987006 | P. 987034 |
| P. 987007 | P. 987035 |
| P. 987008 | P. 987036 |
| P. 987009 | P. 987037 |
| P. 987010 | P. 987038 |
| P. 987011 | P. 987039 |
| P. 987012 | P. 987040 |
| P. 987013 | P. 987041 |
| P. 987014 | P. 987042 |
| P. 987015 | P. 987043 |
| P. 987016 | P. 987044 |
| P. 987017 | P. 987045 |
| P. 987018 | P. 987046 |
| P. 987019 | P. 987047 |
| P. 987020 | P. 987048 |
| P. 987021 | P. 987049 |
| P. 987022 | P. 987050 |
| P. 987023 | P. 987051 |
| P. 987024 | P. 987052 |
| P. 987025 | P. 987053 |
| P. 987026 | P. 987054 |
| P. 987027 | P. 987055 |
| P. 987028 | P. 987056 |

RECORDED

MAY 11 1988

DOCUMENT No.
W/8806-171

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.

Mining Act 211426

Type of Survey(s) AIRBORNE MAGNETOMETER VLF/EM	Township or Area BEARDMORE/HURDMAN
Claim Holder(s) LARRY SALO M20010, DON MCKINNON M15389, HERVE ST. LOUIS M21084	Prospector's Licence No.
Address C/O BOX 1130 TIMMINS ONTARIO P4N 7H6	
Survey Company H. FERDERBER GEOPHYSICS LTD	Date of Survey (from & to) 29 02 88 09 03 88 Day Mo. Yr. Day Mo. Yr.
Name and Address of Author (of Geo-Technical report) R. A. CAMPBELL, 160 PERREAULT AVE. VAL D'OR QUEBEC J9P 2HA	
Total Miles of line Cut 262	

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
For each additional survey: using the same grid: Enter 20 days (for each)	- Other	
	Geological	
	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic VLF	30
	Magnetometer	30
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
SEE ATTACHED LISTS					
RECEIVED					
27 1988					
MINING LANDS SECTION					
RECORDED					
MAY 26 1988					

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

RECEIVED

Calculation of Expenditures Days Credits

Total Expenditures \$ ÷ 15 = Total Days Credits

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

MINING GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
SEP 2 1988
RECEIVED

RECORDED
MAY 26 1988

Total number of mining claims covered by this report of work. **262**

Date **MAY 24, 1988** Recorded Holder or Agent (Signature) *[Signature]*

For Office Use Only

Total Days Cr. Recorded 15,720	Date Recorded May 26, 1988	Mining Recorder <i>[Signature]</i>
	Date Approved as Recorded 29 Aug 88	Branch Director <i>[Signature]</i>

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, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

Date Certified **MAY 24, 1988** Certified by (Signature) *[Signature]*

VE ST. LOUIS M21084

OMAN

968601	P. 968633	P. 968665
968602	P. 968634	P. 968666
968603	P. 968635	P. 968667
968604	P. 968636	P. 968668
968605	P. 968637	P. 968669
968606	P. 968638	P. 968670
968607	P. 968639	P. 968671
968608	P. 968640	P. 968672
968609	P. 968641	P. 968673
968610	P. 968642	P. 968674
968611	P. 968643	P. 968675
968612	P. 968644	P. 968676
968613	P. 968645	P. 968677
968614	P. 968646	P. 968678
968615	P. 968647	P. 968679
968616	P. 968648	P. 968680
968617	P. 968649	P. 968681
968618	P. 968650	P. 968682
968619	P. 968651	P. 968683
968620	P. 968652	P. 968684
968621	P. 968653	P. 968685
968622	P. 968654	P. 968686
968623	P. 968655	P. 968687
968624	P. 968656	P. 968688
968625	P. 968657	P. 968689
968626	P. 968658	P. 968690
968627	P. 968659	P. 968691
968628	P. 968660	P. 968692
968629	P. 968661	P. 968693
968630	P. 968662	P. 968694
968631	P. 968663	P. 968695
968632	P. 968664	P. 968696

DON MCKINNON - M 15389

BEARDMORE

P. 995215	P. 995252	P. 995289
P. 995216	P. 995253	P. 995290
P. 995217	P. 995254	P. 995291
P. 995218	P. 995255	P. 995292
P. 995219	P. 995256	P. 995293
P. 995220	P. 995257	P. 995294
P. 995221	P. 995258	P. 995295
P. 995222	P. 995259	P. 995296
P. 995223	P. 995260	P. 995297
P. 995224	P. 995261	P. 995298
P. 995225	P. 995262	P. 995299
P. 995226	P. 995263	P. 995300
P. 995227	P. 995264	P. 995301
P. 995228	P. 995265	P. 995302
P. 995229	P. 995266	P. 995303
P. 995230	P. 995267	P. 995304
P. 995231	P. 995268	P. 995305
P. 995232	P. 995269	P. 995306
P. 995233	P. 995270	P. 995307
P. 995234	P. 995271	P. 995308
P. 995235	P. 995272	P. 995309
P. 995236	P. 995273	P. 995310
P. 995237	P. 995274	P. 995311
P. 995238	P. 995275	P. 995312
P. 995239	P. 995276	P. 995313
P. 995240	P. 995277	P. 995314
P. 995241	P. 995278	P. 995315
P. 995242	P. 995279	P. 995316
P. 995243	P. 995280	P. 995317
P. 995244	P. 995281	P. 995318
P. 995245	P. 995282	P. 995319
P. 995246	P. 995283	P. 995320
P. 995247	P. 995284	P. 995321
P. 995248	P. 995285	P. 995322
P. 995249	P. 995286	P. 995323
P. 995250	P. 995287	P. 995324
P. 995251	P. 995288	

Flagged

LARRY SALO M. 20010

BEARDMORE

P. 986901	P. 986920	P. 986939
P. 986902	P. 986921	P. 986940
P. 986903	P. 986922	P. 986941
P. 986904	P. 986923	P. 986942
P. 986905	P. 986924	P. 986943
P. 986906	P. 986925	P. 986944
P. 986907	P. 986926	P. 986945
P. 986908	P. 986927	P. 986946
P. 986909	P. 986928	P. 986947
P. 986910	P. 986929	P. 986948
P. 986911	P. 986930	P. 986949
P. 986912	P. 986931	P. 986950
P. 986913	P. 986932	P. 986951
P. 986914	P. 986933	P. 986952
P. 986915	P. 986934	P. 986953
P. 986916	P. 986935	P. 986954
P. 986917	P. 986936	P. 986955
P. 986918	P. 986937	P. 986956
P. 986919	P. 986938	

CLAIM HOLDERS

HURDMAN TOWNSHIP 277 CLAIMS

968501 - 968596

KIRK HILTS - M23589

968701 - 968783

ROBERT CADA - M23578

968801 - 968898

LARRY SALO - M20010

HURDMAN

P. 968501	P. 968554	P. 968711
P. 968502	P. 968555	P. 968712
P. 968503	P. 968556	P. 968713
P. 968504	P. 968557	P. 968714
P. 968505	P. 968558	P. 968715
P. 968506	P. 968559	P. 968716
P. 968507	P. 968560	P. 968717
P. 968508	P. 968561	P. 968718
P. 968509	P. 968562	P. 968719
P. 968510	P. 968563	P. 968720
P. 968511	P. 968564	P. 968721
P. 968512	P. 968565	P. 968722
P. 968513	P. 968566	P. 968723
P. 968514	P. 968567	P. 968724
P. 968515	P. 968568	P. 968725
P. 968516	P. 968569	P. 968726
P. 968517	P. 968570	P. 968727
P. 968518	P. 968571	P. 968728
P. 968519	P. 968572	P. 968729
P. 968520	P. 968573	P. 968730
P. 968521	P. 968574	P. 968731
P. 968522	P. 968575	P. 968732
P. 968523	P. 968576	P. 968733
P. 968524	P. 968577	P. 968734
P. 968525	P. 968578	P. 968735
P. 968526	P. 968579	P. 968736
P. 968527	P. 968580	P. 968737
P. 968528	P. 968581	P. 968738
P. 968529	P. 968582	P. 968739
P. 968530	P. 968583	P. 968740
P. 968531	P. 968584	P. 968741
P. 968532	P. 968585	P. 968742
P. 968533	P. 968586	P. 968743
P. 968534	P. 968587	P. 968744
P. 968535	P. 968588	P. 968745
P. 968536	P. 968589	P. 968746
P. 968537	P. 968590	P. 968747
P. 968538	P. 968591	P. 968748
P. 968539	P. 968592	P. 968749
P. 968540	P. 968593	P. 968750
P. 968541	P. 968594	P. 968751
P. 968542	P. 968595	P. 968752
P. 968543	P. 968596	P. 968753
P. 968544	P. 968701	P. 968754
P. 968545	P. 968702	P. 968755
P. 968546	P. 968703	P. 968756
P. 968547	P. 968704	P. 968757
P. 968548	P. 968705	P. 968758
P. 968549	P. 968706	P. 968759
P. 968550	P. 968707	P. 968760
P. 968551	P. 968708	P. 968761
P. 968552	P. 968709	P. 968762

P. 968553	F. 968710	F. 968763
F. 968764	F. 968821	F. 968861
F. 968765	P. 968822	F. 968862
F. 968766	P. 968823	F. 968863
F. 968767	F. 968824	F. 968864
F. 968768	P. 968825	F. 968865
F. 968769	P. 968826	F. 968866
F. 968770	P. 968827	F. 968867
P. 968771	P. 968828	F. 968868
F. 968772	P. 968829	F. 968869
F. 968773	P. 968830	F. 968870
F. 968774	P. 968831	F. 968871
F. 968775	F. 968832	F. 968872
F. 968776	P. 968833	F. 968873
F. 968777	P. 968834	F. 968874
F. 968778	F. 968835	F. 968875
P. 968779	P. 968836	F. 968876
P. 968780	P. 968837	F. 968877
P. 968781	F. 968838	F. 968878
F. 968782	F. 968839	F. 968879
F. 968783	P. 968840	F. 968880
F. 968801	P. 968841	F. 968881
F. 968802	P. 968842	F. 968882
F. 968803	P. 968843	F. 968883
F. 968804	P. 968844	F. 968884
F. 968805	P. 968845	F. 968885
F. 968806	P. 968846	F. 968886
F. 968807	P. 968847	F. 968887
F. 968808	P. 968848	F. 968888
F. 968809	P. 968849	F. 968889
F. 968810	P. 968850	F. 968890
F. 968811	F. 968851	F. 968891
F. 968812	P. 968852	F. 968892
F. 968813	F. 968853	F. 968893
F. 968814	F. 968854	F. 968894
F. 968815	P. 968855	F. 968895
F. 968816	P. 968856	F. 968896
P. 968817	P. 968857	F. 968897
F. 968818	F. 968858	F. 968898
F. 968819	P. 968859	
P. 968820	F. 968860	

2.11426

July 30

Mining Act

Type of Survey(s): AIRBORNE MAGNETOMETER VLF-EM
Township or Area: MACHIN/ ALEXANDRA
Claim Holder(s): LARRY SALO (M20010), RANDY SALO (M21107), HERVE ST. LOUIS (M21084)
Prospector's Licence No.:
Address: C/O BOX 1130 TIMMINS, ONTARIO P4N 7H6
Survey Company: H. FERDERBER GEOPHYSICS LTD.
Date of Survey (from & to): 29 02 88 | 09 03 88
Total Miles of line Cut: 169
Name and Address of Author (of Geo-Technical report): R. A. CAMPBELL, 169 PERREAU AV. VAL D'OR QUEBEC J9P 2HA

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	
For complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic VLF	30
	Magnetometer	30
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
P	1014190	4	ALEXANDRA TOLD		
	1014191		LARRY SALO		
	1014192		RANDY SALO		
	1014193				
	1014194				
	1014195				
	1014196				
	1014197				
	1014198				
	1014199				
	1014200				
	1014201				
	1014202				
	1014203				
	1014204				
	1014205				
	1014206				
	1014207				
	1014208				
	1014209				
	1014210				

RECORDED
JUN 10 1988

RECEIVED
JUN 10 1988

* SEE ATTACHED LIST

Total number of mining claims covered by this report of work: 169

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures + 15 = Total Days Credits

\$ [] + 15 = []

Instructions

Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date: JUNE 6, 1988
Recorded Holder or Agent (Signature): [Signature]

For Office Use Only

Total Days Cr. Recorded: 10140
Date Recorded: June 10, 1988
Date Approved as Recorded: [Signature]
Mining Recorder: [Signature]
Branch Director: [Signature]

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, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

DON MCKINNON, BOX 1130 TIMMINS, ONTARIO P4N 7H6

Date Certified: JUNE 6, 1988
Certified by (Signature): [Signature]

NACHII

P.986957	P.986994	P.987087	P.997032
P.986958	P.986995	P.987086	P.997033
P.986959	P.986996	P.987089	P.997034
P.986960	P.986997	P.987090	P.997035
P.986961	P.986998	P.987091	P.997036
P.986962	P.986999	P.987092	P.997037
P.986963	P.987000	P.987093	P.997038
P.986964	P.987057	P.987094	P.997039
P.986965	P.987058	P.987095	P.997040
P.986966	P.987059	P.987096	P.997041
P.986967	P.987060	P.997005	P.997042
P.986968	P.987061	P.997006	P.997043
P.986969	P.987062	P.997007	P.997044
P.986970	P.987063	P.997008	P.997045
P.986971	P.987064	P.997009	P.997046
P.986972	P.987065	P.997010	P.997047
P.986973	P.987066	P.997011	P.997048
P.986974	P.987067	P.997012	P.997049
P.986975	P.987068	P.997013	P.997050
P.986976	P.987069	P.997014	P.997051
P.986977	P.987070	P.997015	P.997052
P.986978	P.987071	P.997016	P.997053
P.986979	P.987072	P.997017	P.997054
P.986980	P.987073	P.997018	P.997055
P.986981	P.987074	P.997019	P.997056
P.986982	P.987075	P.997020	P.997057
P.986983	P.987076	P.997021	P.997058
P.986984	P.987077	P.997022	P.997059
P.986985	P.987078	P.997023	P.997060
P.986986	P.987079	P.997024	P.997061
P.986987	P.987080	P.997025	P.997062
P.986988	P.987081	P.997026	P.997063
P.986989	P.987082	P.997027	P.997064
P.986990	P.987083	P.997028	P.997065
P.986991	P.987084	P.997029	P.997066
P.986992	P.987085	P.997030	P.997067
P.986993	P.987086	P.997031	P.997068

CLAIM HOLDERS - 148 CLAIMS

LARRY SALO (M20010)	986957 - 987000
RANDY SALO (M21107)	987057 - 987096
HERVE ST. LOUIS (M21084)	997005 - 997068

RECORDED

JUN 10 1988



TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Airborne magnetic and VLF-electromagnetic
Township or Area Hurdman, Beardmore, Machin, Alexandra
Claim Holder(s) See attached list

Survey Company H. Ferderber Geophysics Ltd.
Author of Report L. Ahern
Address of Author 169 Perreault Ave, Val d'Or, Que.
Covering Dates of Survey Feb. 29 March 9, 1988
Total Miles of Line Cut 1355.3

MINING CLAIMS TRAVERSED
List numerically
P 958203 et. al.
(see attached appendix)
TOTAL CLAIMS 1090

SPECIAL PROVISIONS CREDITS REQUESTED
Geophysical
- Electromagnetic
- Magnetometer
- Radiometric
- Other
Geological
Geochemical
DAYS per claim

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)
Magnetometer 30 Electromagnetic 30 Radiometric
(enter days per claim)

DATE: July 21, 1988 SIGNATURE: L. Ahern
Author of Report or Agent

Res. Geol. Qualifications 2.11208

Previous Surveys
Table with columns: File No., Type, Date, Claim Holder

OFFICE USE ONLY

If space insufficient, attach list

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) Airborne magnetic and VLF-electromagnetic

Instrument(s) GEM GSM-11 Herz Totem 2A

(specify for each type of survey)

Accuracy 0.04 gamma and 1%

(specify for each type of survey)

Aircraft used Cessna 172

Sensor altitude 300 feet

Navigation and flight path recovery method Navigation was visual on airphoto mosaics. Flight path recovery was obtained with a RCA colour video camera Panasonic Colour Video Monitor

Aircraft altitude 300 feet Line Spacing 440 feet

Miles flown over total area 1355.3 Over claims only 833.4

Claim Holders

Marc Morrissette
Robert Cada
Herve St. Louis
Adrien Beaudoin
Kirk Hilts
Larry Salo
Ron Boulard
Randy Salo

APPENDIX I - CLAIM LIST

Beardmore Township (34 claims)

P 958203	P 958212	P 958337	P 958346
958204	958213	958338	958347
958205	958214	958339	958348
958206	958215	958340	958349
958207	958216	958341	958350
958208	958333	958342	958351
958209	958334	958343	958352
958210	958235	958344	
958211	958236	958345	

Hurdman Township (715 claims)

P 958217	P 958256	P 958294	P 958332
958218	958257	958295	958527
958219	958258	958296	958528
958220	958259	958297	958529
958221	958260	958298	958530
958222	958261	958299	958531
958223	958262	958300	958532
958224	958263	958301	958533
958225	958264	958302	958534
958226	958265	958303	958535
958227	958266	958304	958536
958228	958267	958305	958537
958229	958268	958306	958538
958230	958269	958307	958539
958231	958270	958308	958540
958232	958271	958309	958541
958233	958272	958310	958542
958234	958273	958311	958651
958235	958274	958312	958652
958236	958275	958313	958653
958237	958276	958314	958654
958238	958277	958315	958655
958239	958278	958316	958656
958240	958279	958317	958657
958241	958280	958318	958658
958242	958281	958319	958659
958243	958282	958320	958660
958244	958283	958321	958661
958245	958284	958322	958662
958246	958285	958323	958663
958247	958286	958324	958664
958248	958287	958325	958665
958249	958288	958326	958666
958250	958289	958327	958667
958251	958290	958328	958668
958253	958291	958329	958669
958254	958292	958330	958670
958255	958293	958331	958671

Hurdman Township (Cont.)

P 958672	P 958774	P 958824	P 958967
958673	958775	958825	958968
958674	958776	958826	958969
958675	958777	958827	958970
958676	958778	958828	958971
958677	958779	958829	958972
958678	958780	958830	958973
958679	958781	958831	958974
958680	958782	958832	958975
958681	958783	958833	958976
958682	958784	958834	958977
958683	958785	958835	958978
958684	958786	958836	958979
958685	958787	958837	958980
958686	958788	958838	958981
958687	958789	958839	958982
958688	958790	958840	958983
958689	958791	958841	958984
958690	958792	958842	958985
958691	958793	958843	958986
958692	958794	958844	958987
958693	958795	958845	958988
958694	958796	958846	958989
958695	958797	958847	958990
958696	958798	958941	958991
958697	958799	958942	958992
958698	958800	958943	958993
958751	958801	958944	958994
958752	958802	958945	958995
958753	958803	958946	958996
958754	958804	958947	958997
958755	958805	958948	958998
958756	958806	958949	958999
958757	958807	958950	959000
958758	958808	958951	959001
958759	958809	958952	959002
958760	958810	958953	959003
958761	958811	958954	959004
958762	958812	958955	959005
958763	958813	958956	959006
958764	958814	958957	968501
958765	958815	958958	968502
958766	958816	958959	968503
958767	958817	958960	968504
958768	958818	958961	968505
958769	958819	958962	968506
958770	958820	958963	968507
958771	958821	958964	968508
958772	958822	958965	968509
958773	958823	958966	968510

Hurdman Township (Cont.)

P 968511	P 968561	P 968715	P 968765
968512	968562	968716	968766
968513	968563	968717	968767
968514	968564	968718	968768
968515	968565	968719	968769
968516	968566	968720	968770
968517	968567	968721	968771
968518	968568	968722	968772
968519	968569	968723	968773
968520	968570	968724	968774
968521	968571	968725	968775
968522	968572	968726	968776
968523	968573	968727	968777
968524	968574	968728	968778
968525	968575	968729	968779
968526	968576	968730	968780
968527	968577	968731	968781
968528	968578	968732	968782
968529	968579	968733	968783
968530	968580	968734	968801
968531	968581	968735	968802
968532	968582	968736	968803
968533	968583	968737	968804
968534	968584	968738	968805
968535	968585	968739	968806
968536	968586	968740	968807
968537	968587	968741	968808
968538	968588	968742	968809
968539	968589	968743	968810
968540	968590	968744	968811
968541	968591	968745	968812
968542	968592	968746	968813
968543	968593	968747	968814
968544	968594	968748	968815
968545	968595	968749	968816
968546	968596	968750	968817
968547	968701	968751	968818
968548	968702	968752	968819
968549	968703	968753	968820
968550	968704	968754	968821
968551	968705	968755	968822
968552	968706	968756	968823
968553	968707	968757	968824
968554	968708	968758	968825
968555	968709	968759	968826
968556	968710	968760	968827
968557	968711	968761	968828
968558	968712	968762	968829
968559	968713	968763	968830
968560	968714	968764	968831

Hurdman Township (Cont.)

P 968832	P 968882	P 968634	P 968684
968833	968883	968635	968685
968834	968884	968636	968686
968835	968885	968637	968687
968836	968886	968638	968688
968837	968887	968639	968689
968838	968888	968640	968690
968839	968889	968641	968691
968840	968890	968642	968692
968841	968891	968643	968693
968842	968892	968644	968694
968843	968893	968645	968695
968844	968894	968646	968696
968845	968895	968647	
968846	968896	968648	
968847	968897	968649	
968848	968898	968650	
968849	968601	968651	
968850	968602	968652	
968851	968603	968653	
968852	968604	968654	
968853	968605	968655	
968854	968606	968656	
968855	968607	968657	
968856	968608	968658	
968857	968609	968659	
968858	968610	968660	
968859	968611	968661	
968860	968612	968662	
968861	968613	968663	
968862	968614	968664	
968863	968615	968665	
968864	968616	968666	
968865	968617	968667	
968866	968618	968668	
968867	968619	968669	
968868	968620	968670	
968869	968621	968671	
968870	968622	968672	
968871	968623	968673	
968872	968624	968674	
968873	968625	968675	
968874	968626	968676	
968875	968627	968677	
968876	968628	968678	
968877	968629	968679	
968878	968630	968680	
968879	968631	968681	
968880	968632	968682	
968881	968633	968683	

Alexandra Township (193 claims)

P 958551	P 958601	P 958867	P 958917
958552	958602	958868	958918
958553	958603	958869	958919
958554	958604	958870	958920
958555	958605	958871	958921
958556	958606	958872	958922
958557	958607	958873	958923
958558	958608	958874	958924
958559	958609	958875	958925
958560	958610	958876	958926
958561	958611	958877	958927
958562	958612	958878	958928
958563	958613	958879	958929
958564	958614	958880	958930
958565	958615	958881	958931
958566	958616	958882	958932
958567	958617	958883	958933
958568	958618	958884	958934
958569	958619	958885	958935
958570	958620	958886	958936
958571	958621	958887	958937
958572	958622	958888	958938
958573	958623	958889	1014190
958574	958624	958890	1014191
958575	958625	958891	1014192
958576	958626	958892	1014193
958577	958627	958893	1014194
958578	958628	958894	1014195
958579	958629	958895	1014196
958580	958630	958896	1014197
958581	958631	958897	1014198
958582	958632	958898	1014199
958583	958633	958899	1014200
958584	958634	958900	1014201
958585	958851	958901	1014202
958586	958852	958902	1014203
958587	958853	958903	1014204
958588	958854	958904	1014205
958589	958855	958905	1014206
958590	958856	958906	1014207
958591	958857	958907	1014208
958592	958858	958908	1014209
958593	958859	958909	1014210
958594	958860	958910	
958595	958861	958911	
958596	958862	958912	
958597	958863	958913	
958598	958864	958914	
958599	958865	958915	
958600	958866	958916	

Machin Township (148 claims)

P 986957	P 986994	P 987087	P 997032
986958	986995	987088	997033
986959	986996	987089	997034
986960	986997	987090	997035
986961	986998	987091	997036
986962	986999	987092	997037
986963	987000	987093	997038
986964	987057	987094	997039
986965	987058	987095	997040
986966	987059	987096	997041
986967	987060	997005	997042
986968	987061	997006	997043
986969	987062	997007	997044
986970	987063	997008	997045
986971	987064	997009	997046
986972	987065	997010	997047
986973	987066	997011	997048
986974	987067	997012	997049
986975	987068	997013	997050
986976	987069	997014	997051
986977	987070	997015	997052
986978	987071	997016	997053
986979	987072	997017	997054
986980	987073	997018	997055
986981	987074	997019	997056
986982	987075	997020	997057
986983	987076	997021	997058
986984	987077	997022	997059
986985	987078	997023	997060
986986	987079	997024	997061
986987	987080	997025	997062
986988	987081	997026	997063
986989	987082	997027	997064
986990	987083	997028	997065
986991	987084	997029	997066
986992	987085	997030	997067
986993	987086	997031	997068



TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Airborne Magnetic and VLF-electromagnetic

Township or Area Beardmore Township, Porcupine Mining Division

Claim Holder(s) Randy Salo, Larry Salo and Don McKinnon

Survey Company H. Ferderber Geophysics Ltd.

Author of Report D.M. Thai

Address of Author 169 Perreault Ave., Val d'Or, Quebec

Covering Dates of Survey February and March 1988 (linecutting to office)

Total Miles of Line Cut Flown 231.35

Table with 2 columns: (prefix), (number). Header: MINING CLAIMS TRAVERSED List numerically. Content: P 987001 et. al. (see attached list). Total CLAIMS 222.

Table with 2 columns: SPECIAL PROVISIONS CREDITS REQUESTED, DAYS per claim. Rows: Geophysical (Electromagnetic, Magnetometer, Radiometric, Other), Geological, Geochemical.

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer 32 Electromagnetic 32 Radiometric (enter days per claim)

DATE: June 23, 1988 SIGNATURE: [Signature] Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

Table with 4 columns: File No., Type, Date, Claim Holder. Multiple empty rows for data entry.

OFFICE USE ONLY

If space insufficient, attach list

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) Airborne magnetic and VLF-electromagnetic

Instrument(s) GEM GSM-11, Herz Totem 2A

(specify for each type of survey)

Accuracy 0.04 gammas absolute and 1%

(specify for each type of survey)

Aircraft used Cessna 172

Sensor altitude 300 feet

Navigation and flight path recovery method Navigation was visual on airphoto mosaics. Flight path recovery was obtained with a RCA colour video camera Panasonic Colour Video Monitor

Aircraft altitude 300 feet Line Spacing 440 feet

Miles flown over total area 231.35 Over claims only 176.25 miles



H. FERDERBER GEOPHYSICS LTD. GEOPHYSICAL & GEOLOGICAL SURVEYS
169 PERRAULT AVENUE, VAL D'OR, QUEBEC J9P 2H1 TELEPHONE 819-824-2075

July 21, 1988

Ontario Ministry of Northern Development and Mines
Manager, Mining Lands Section
Mineral Development and Lands Branch
Mines and Minerals Division
Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Re: Reports and Technical Data Statement for Report of
Work W8806-091, W8806-171, W8806 176 and W8806-188 on
1090 claims (P 958203 et. al.) in Hurdman, Beardmore,
Machin and Alexandra Townships.

Dear Sir:

Enclosed are two copies of a report and a technical data
statement for 1090 claims in Hurdman, Beardmore, Machin and
Alexandra Townships included in the above mentioned reports of
work. A claim breakdown is listed below:

Alexandra Township (193 claims)

958551 - 643	W8806-091
958851 - 938	
1014190 - 210	W8806-188

Beardmore Township (34 claims)

958203 - 216	W8806-091
958333 - 352	

RECEIVED

JUL 25 1988

MINING LANDS SECTION

Hurdman Township (715 claims)

958217 - 251	W8806-091
958253 - 332	
958527 - 542	
958651 - 698	
958751 - 847	
958941 - 9006	
968501 - 596	W8806-176
968701 - 783	
968801 - 898	
968601 - 696	W8806-171

Machin Township (148 claims)

986957 - 7000	W8806-188
987057 - 096	
997005 - 068	

The maps are to follow.

Yours truly,



L. Ahern, B.Sc.
Geologist

Tucker Twp.(M-1165)

THE TOWNSHIP OF
OF 2.11426
BEARDMORE

DISTRICT OF
COCHRANE

PORCUPINE
MINING DIVISION

SCALE: 1-INCH 40 CHAINS

LEGEND

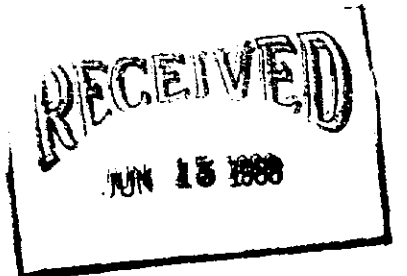
- PATENTED LAND Ⓟ
 - CROWN LAND SALE C.S.
 - LEASES Ⓛ
 - LOCATED LAND Loc.
 - LICENSE OF OCCUPATION L.O.
 - MINING RIGHTS ONLY M.R.O.
 - SURFACE RIGHTS ONLY S.R.O.
 - ROADS —
 - IMPROVED ROADS —
 - KING'S HIGHWAYS —
 - RAILWAYS —
 - POWER LINES —
 - MARSH OR MUSKEG —
 - MINES X
 - CANCELLED C
- R.U.P.*

NOTES

400' Surface Rights Reservation around all Lakes and Rivers.

Area 1,000 feet wide on either bank of the Groundhog River withdrawn from staking under Sec 36 (d) of The Mining Act. File: 145889.

NRO 88/84 - MAY 1/84



Rec. Feb 11/80

PLAN NO. **M-653**

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

Gurney Twp. (M-899)

Hurdman Twp. (M-509)

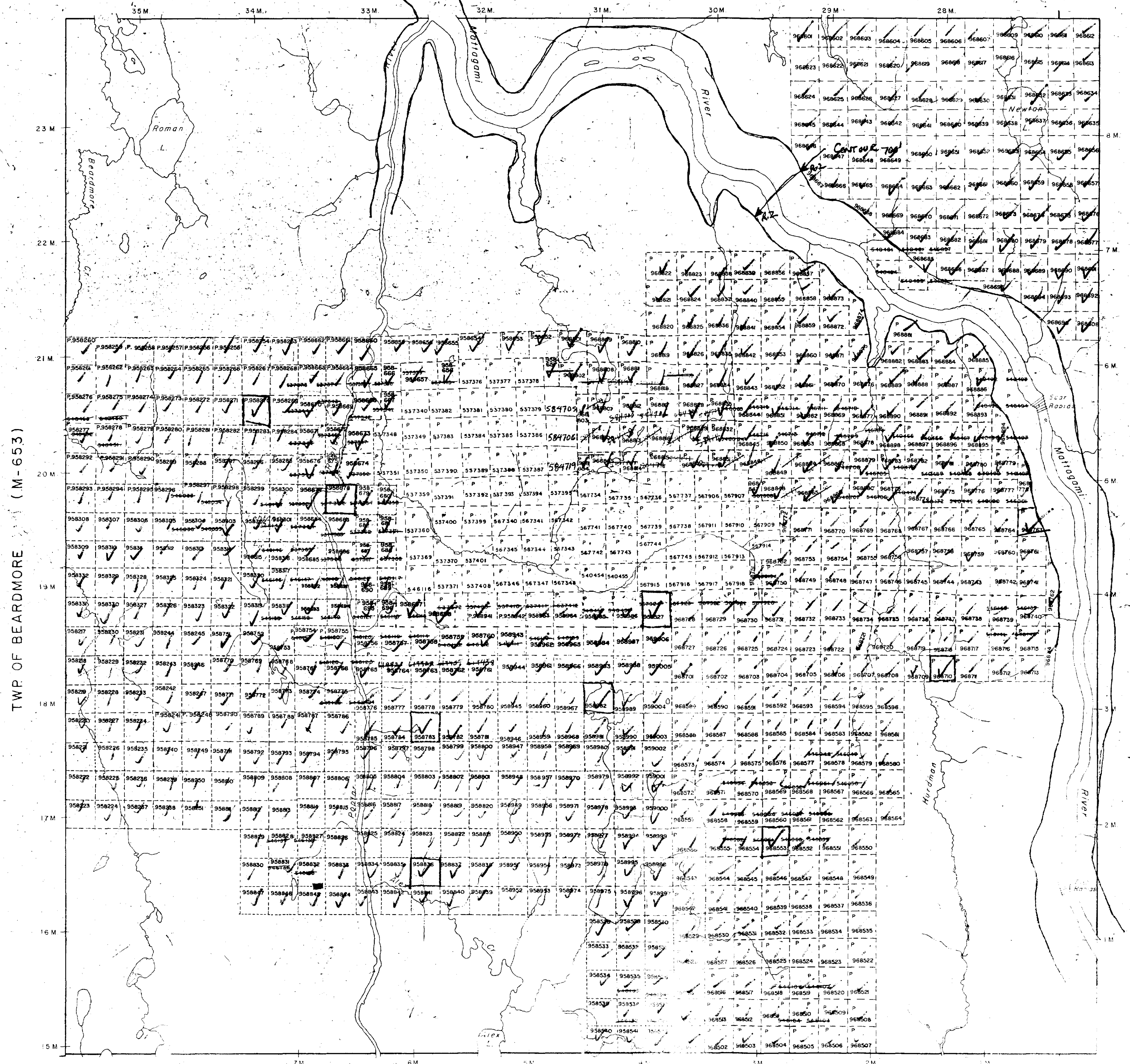
Machin Twp. (M-1025)



200

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

TWP. OF AGATE (M-1686)



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

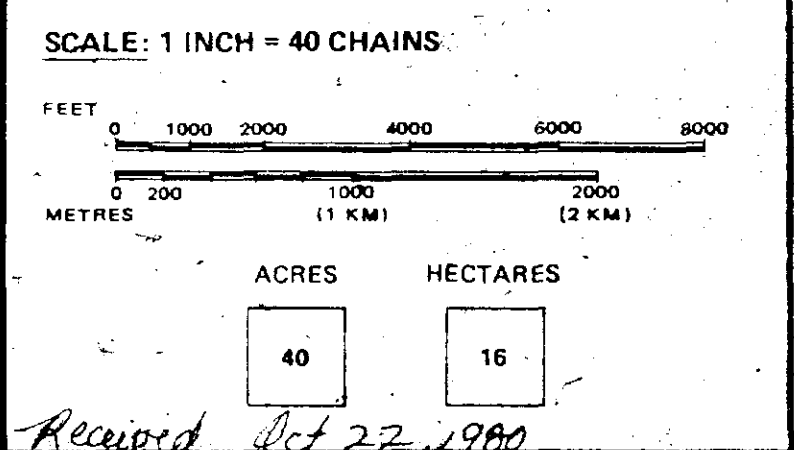
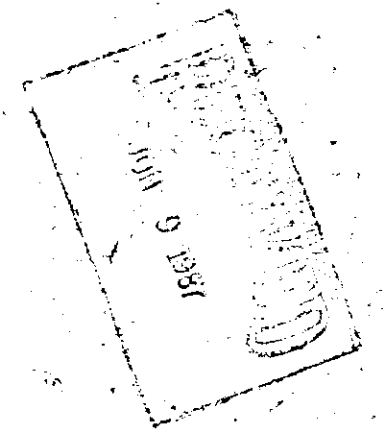
DISPOSITION OF CROWN LANDS

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	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 5, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 390, SEC. 63, SUBSEC. 1.

R2 FLOODING RESERVATION ALONG MUTTACHAM RIVER TO CONTOUR ELEVATION 780 FT. RESERVED TO ONTARIO HYDRO.

P.U.P.



TOWNSHIP OF 2.11426

HURDMAN

DISTRICT

COCHRANE

MINING DIVISION

PORCUPINE

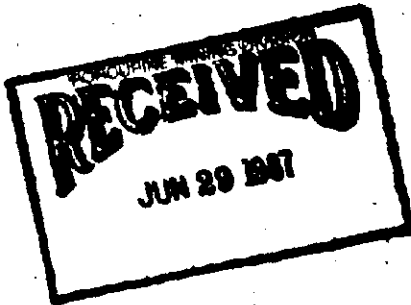


checked March 10/87 PP

TOWNSHIP
OF

2-11426

M.1025



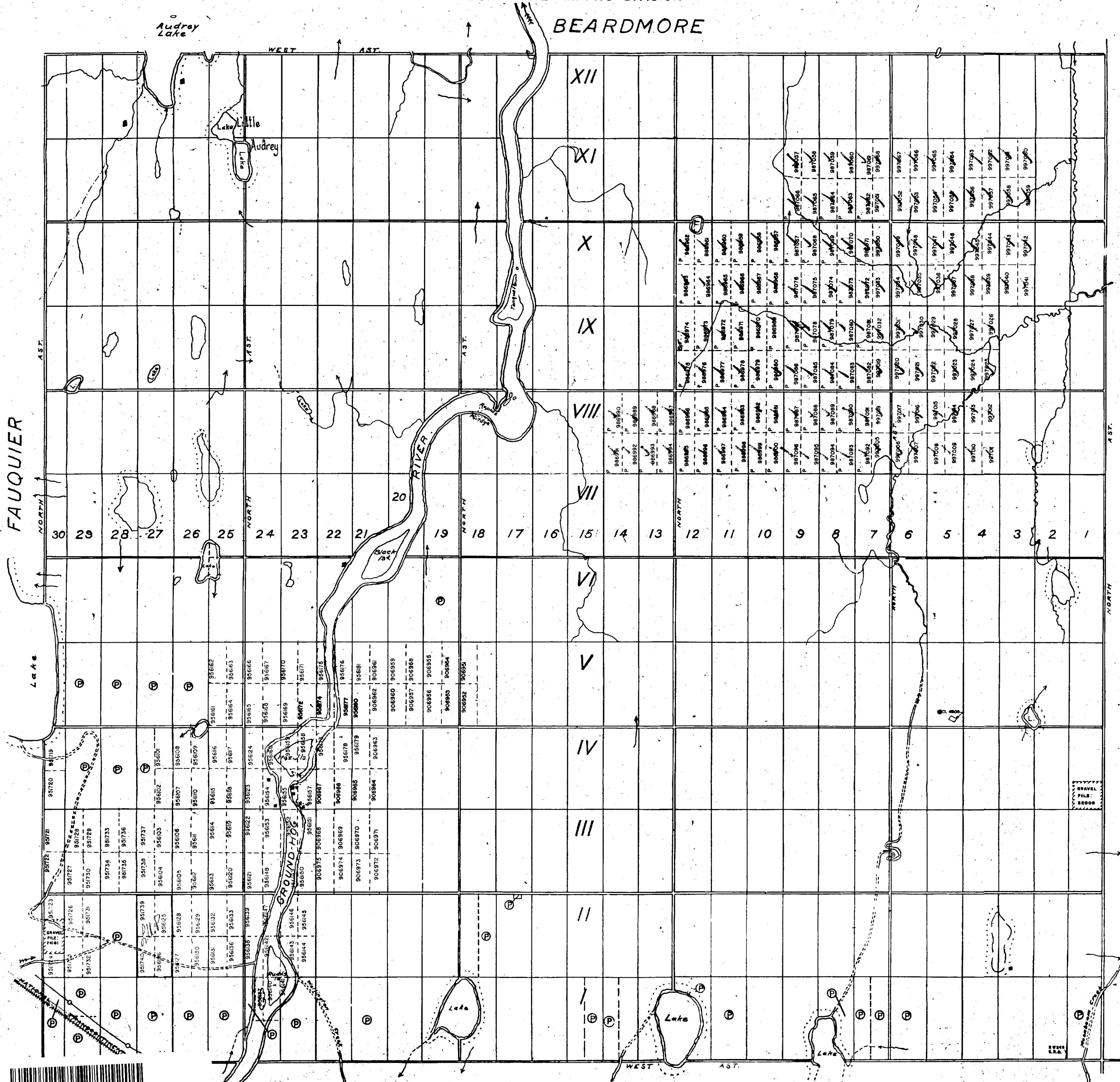
MACHIN

DISTRICT OF COCHRANE

Scale 40 Chains=1 Inch-
PORCUPINE MINING DIVISION

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

BEARDMORE



FAUQUIER

ALEXANDRA

SHACKLETON

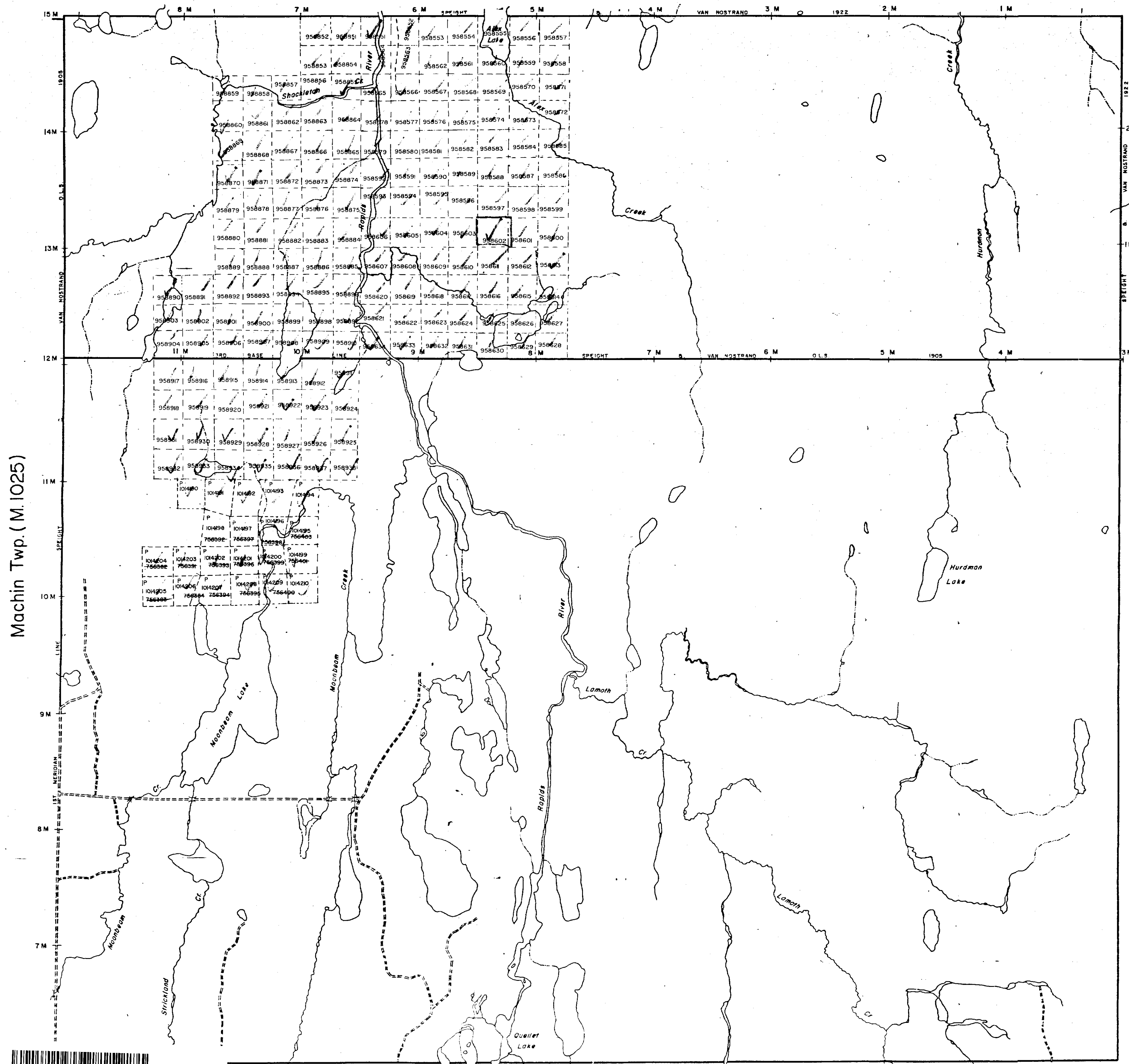
400' surface rights reservation around all lakes & rivers.



42H125E0003 2-11426 BEARDMORE

220

Hurdman Twp.(M.509)



THE TOWNSHIP OF
2.11426
ALEXANDRA

DISTRICT OF COCHRANE

PORCUPINE MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

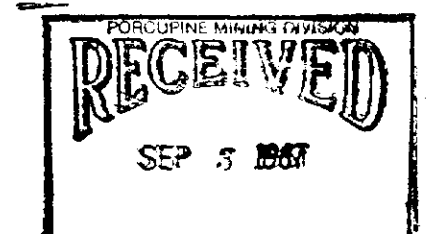
PATENTED LAND	⊙
CROWN LAND SALE	C.S.
LEASES	⊙
LOCATED LAND	L.C.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	—
IMPROVED ROADS	—
KING'S HIGHWAYS	—
RAILWAYS	—
POWER LINES	—
MARSH OR MUSKEG	—
MINES	⊙
CANCELLED	⊙

NOTES

THE SUBDIVISION OF THIS TWP., SURVEYED BY WALTER BEATTY O.L.S., AS SHOWN ON PLAN DATED 23RD DEC.1910, IS ANNULLED UNDER AUTHORITY OF SUBSECTION I, SECTION II, OF PUBLIC LANDS/ ACT 21TH. JUNE 1962. MINING CLAIMS MAY BE STAKED AS IN UNSUBDIVIDED TERRITORY.

400' Surface rRights Reservation Around All Lakes And Rivers.

--- L.U.P. (Private Road)



Received July 21/86.

Checked 0. J. 2/86 J.P. HB

PLAN NO.- M.1867

DEPARTMENT OF MINES

- ONTARIO -

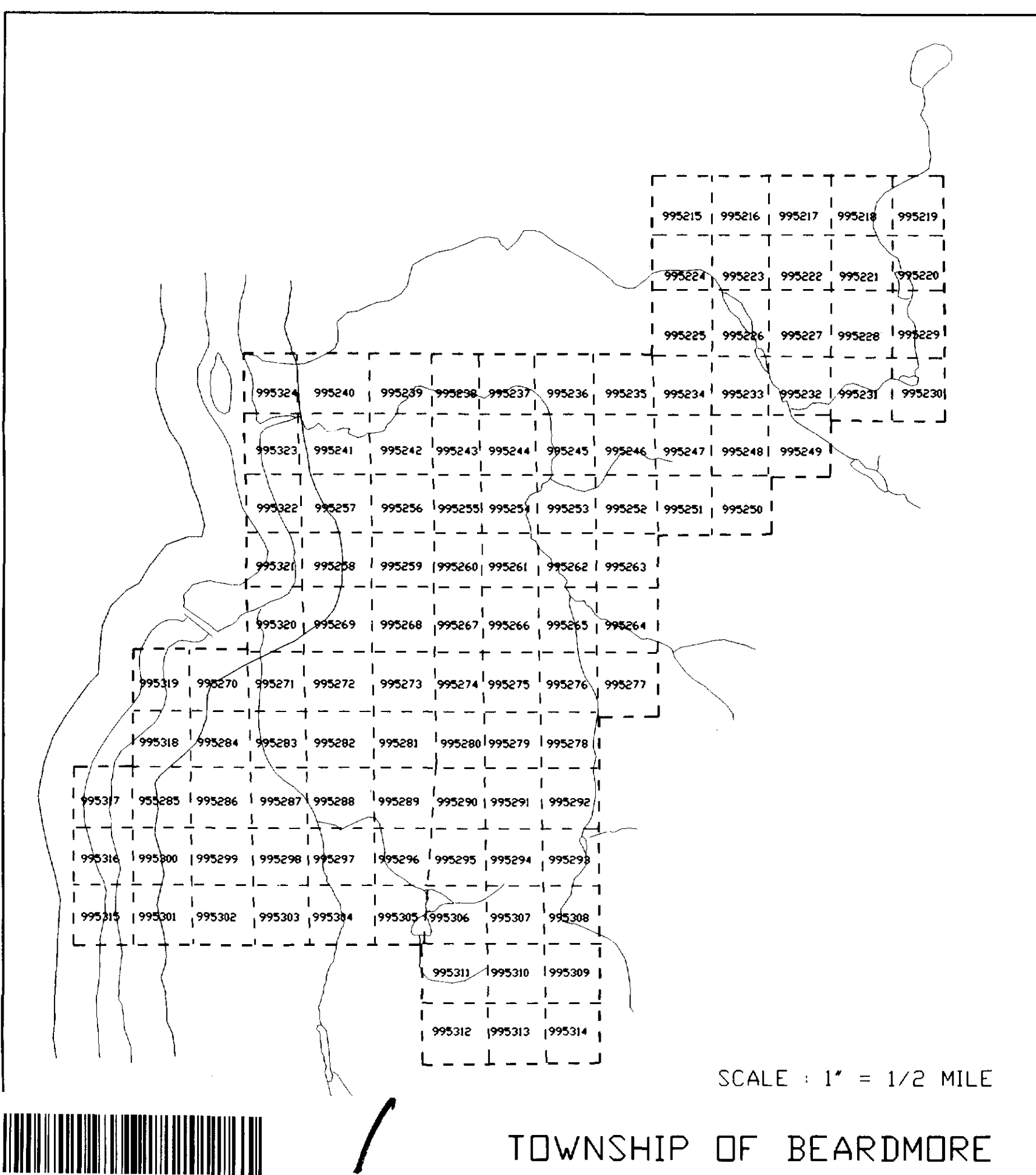
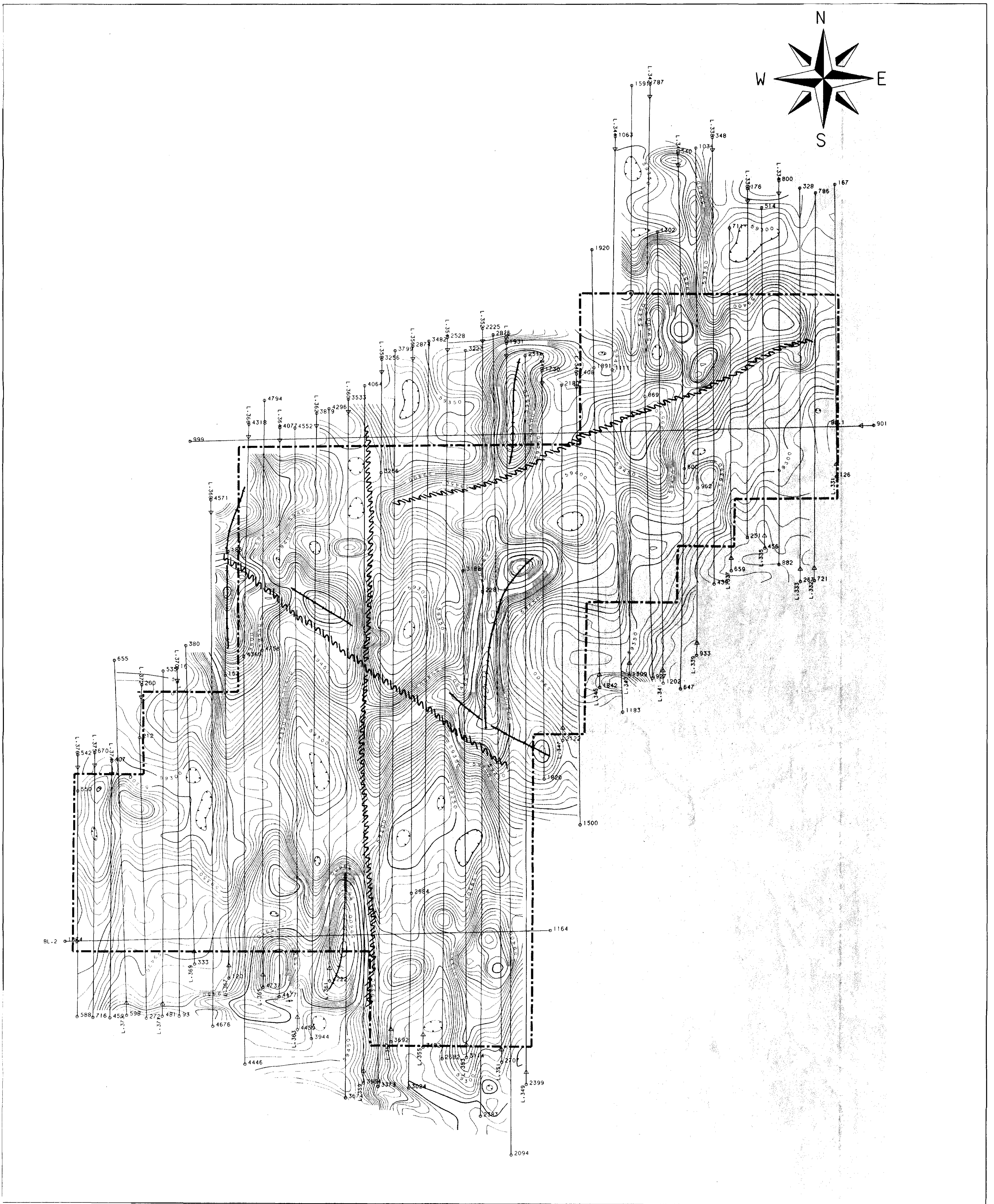
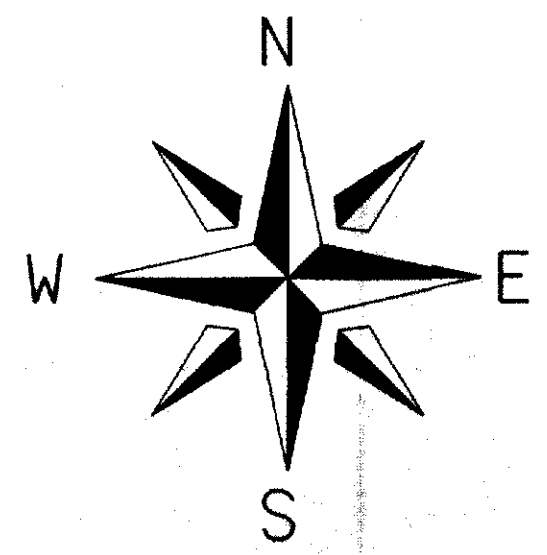
Machin Twp.(M.1025)

Webster Twp.(M.612)

Haggart Twp.(M.488)



42H125E8803 2.11426 BEARDMORE



LEGEND

- TOTAL FIELD CONTOUR INTERVAL 10 GAMMAS
- FIDUCIAL POINT
- ▷ LINE DIRECTION
- ⊖ MAGNETIC LOW
- 10 GAMMAS
- 50 GAMMAS
- 100 GAMMAS
- ⚡ FAULTS (INTERPRETED)
- DYKES (INTERPRETED)

2-11426

AIRBORNE MAGNETIC SURVEY

CLIENT

MCKINNON PROSPECTING



H. Ferderber
H. Ferderber Geophysics Ltd.

AREA

BEARDMORE TWP.

SCALE

1" = 1/4 MILE

DATE

APRIL 1988

PROCESSED BY

BSR Resource Data Corp.

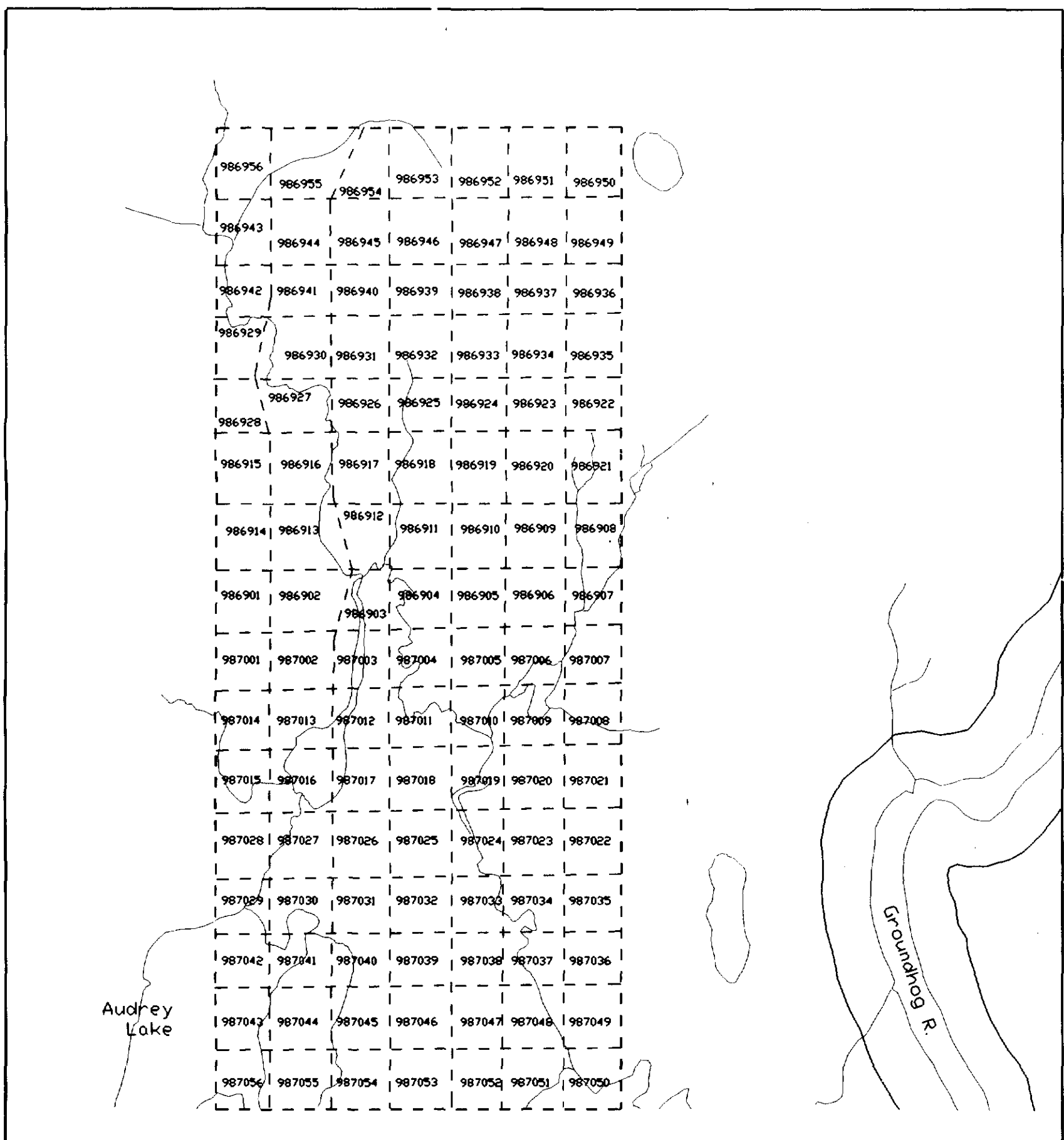
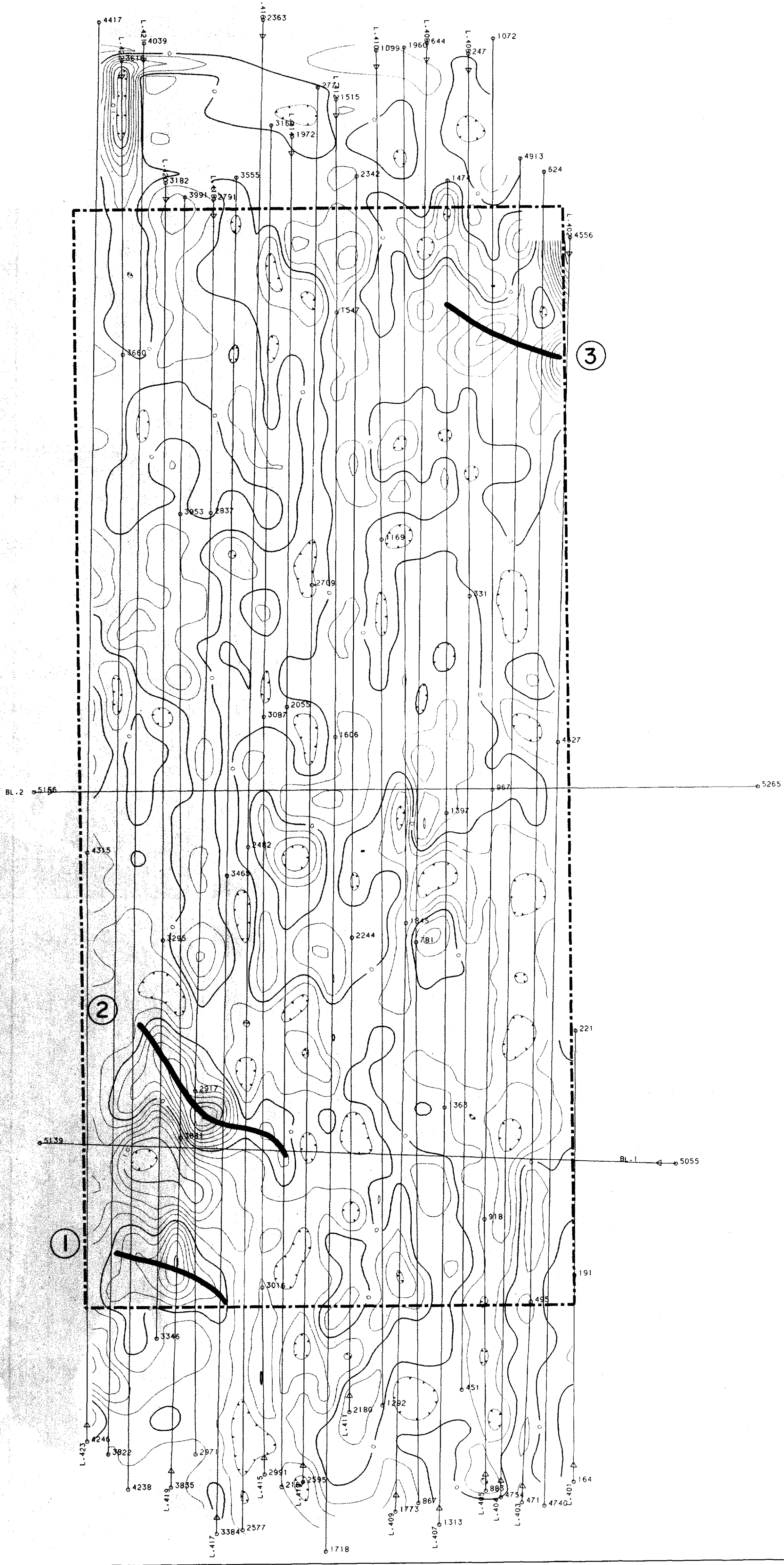
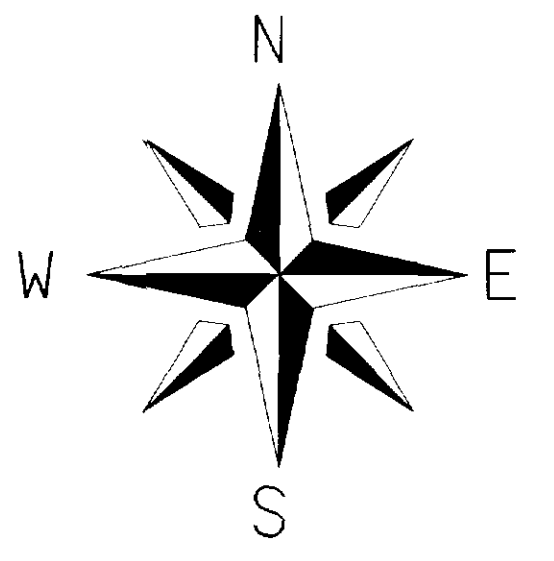
DRAWN BY

M.J.C.

MAP OR SHEET NO.

MG-2





LEGEND

- TOTAL FIELD CONTOUR INTERVAL 2 %
- FIDUCIAL POINT
- ▷ LINE DIRECTION
- STATION USED: CUTLER, MAINE, USA. (NAA 240 KHZ.)
- ⊖ LESS THAN ZERO
- 2 %
- 0 %
- INFERRED V.L.F. CONDUCTOR AXIS

2-11426

AIRBORNE V.L.F.-EM SURVEY

CLIENT
MCKINNON PROSPECTING

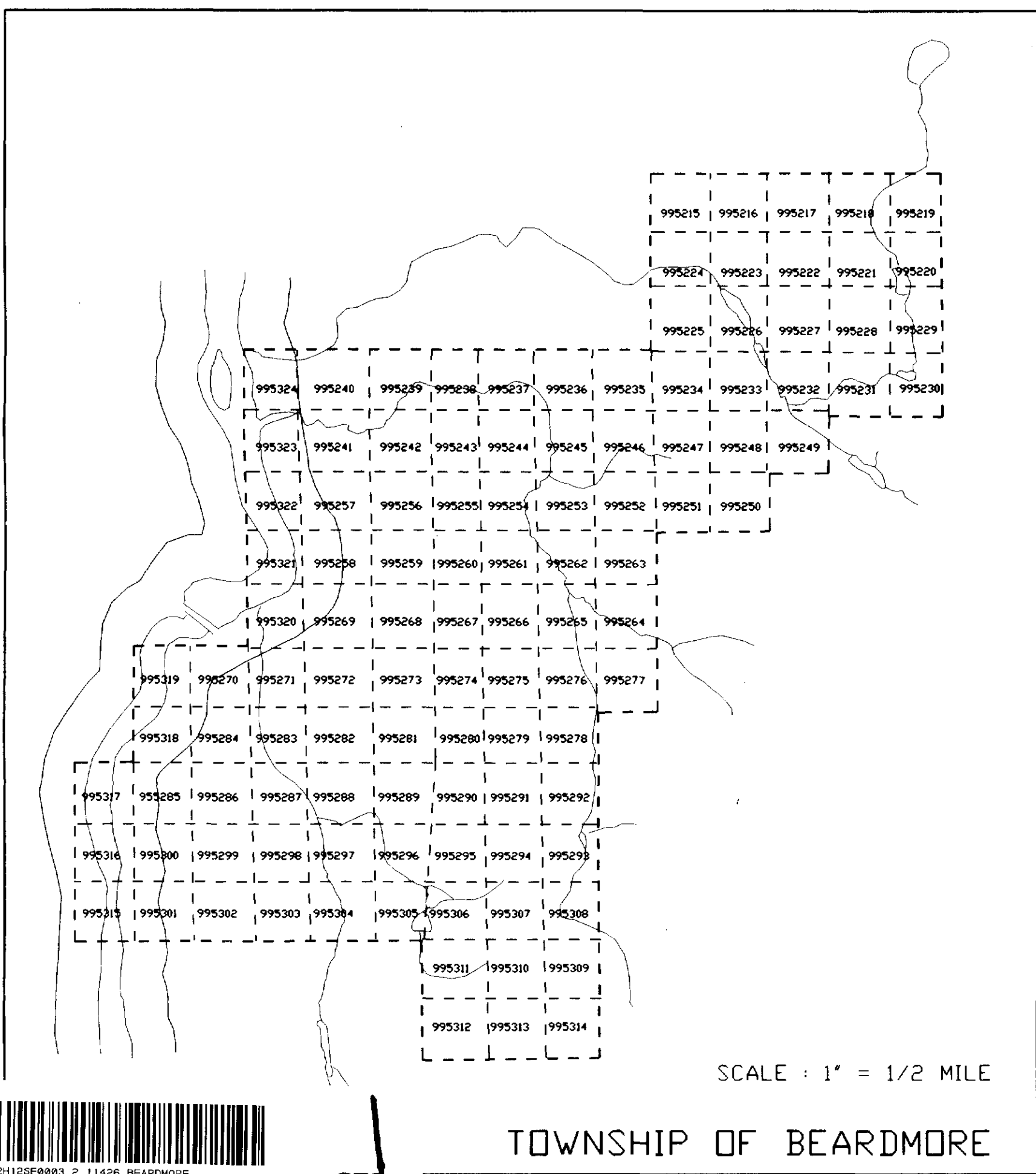
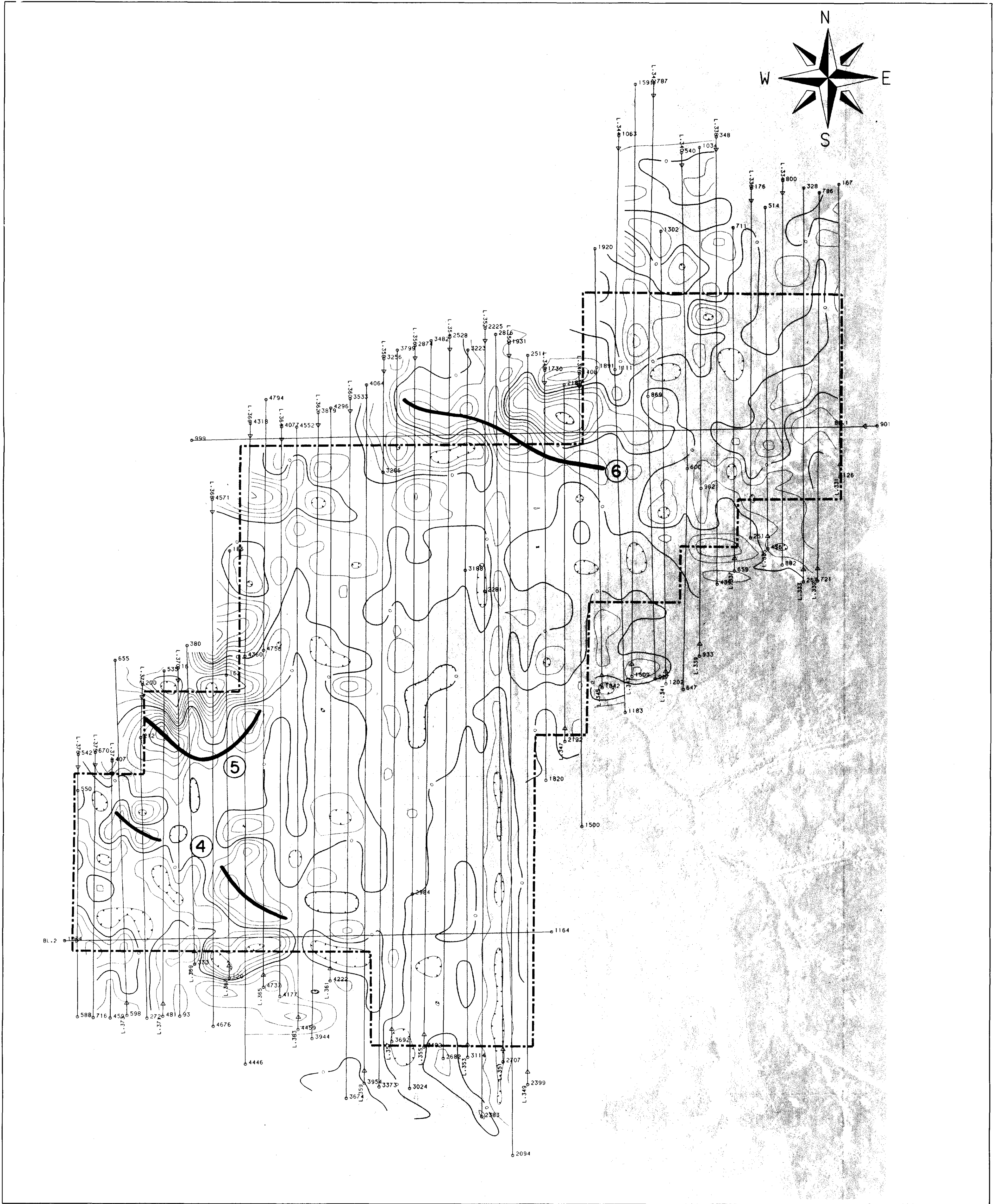
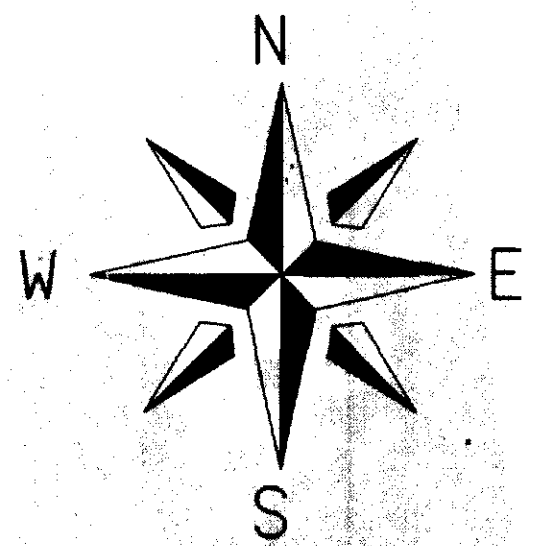
PROCESSED BY
H. Ferderber Geophysics Ltd.

AREA
BEARDMORE TWP.
SCALE
1" = 1/4 MILE
DATE
APRIL 1988

MAP OR SHEET NO.
EM-1
DRAWN BY
M.J.C.



OF BEARDMORE SCALE : 1" = 1/2 MILE



LEGEND

- FIDUCIAL POINT
- ▷ LINE DIRECTION
- STATION USED: CUTLER, MAINE, USA. (NAA 24.0 KHZ)
- ⊖ LESS THAN ZERO
- 2 %
- 0 %
- INFERRED V.L.F. CONDUCTOR AXIS

2-11426

AIRBORNE V.L.F.-EM SURVEY

CLIENT

MCKINNON PROSPECTING



H. Ferderber Geophysics Ltd.

AREA

BEARDMORE TWP.

SCALE

1" = 1/4 MILE

DATE

APRIL 1988

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BSR Resource Data Corp.
150 KENT ST. LONDON, ONT. N6A-1L3 (519) 661-0300

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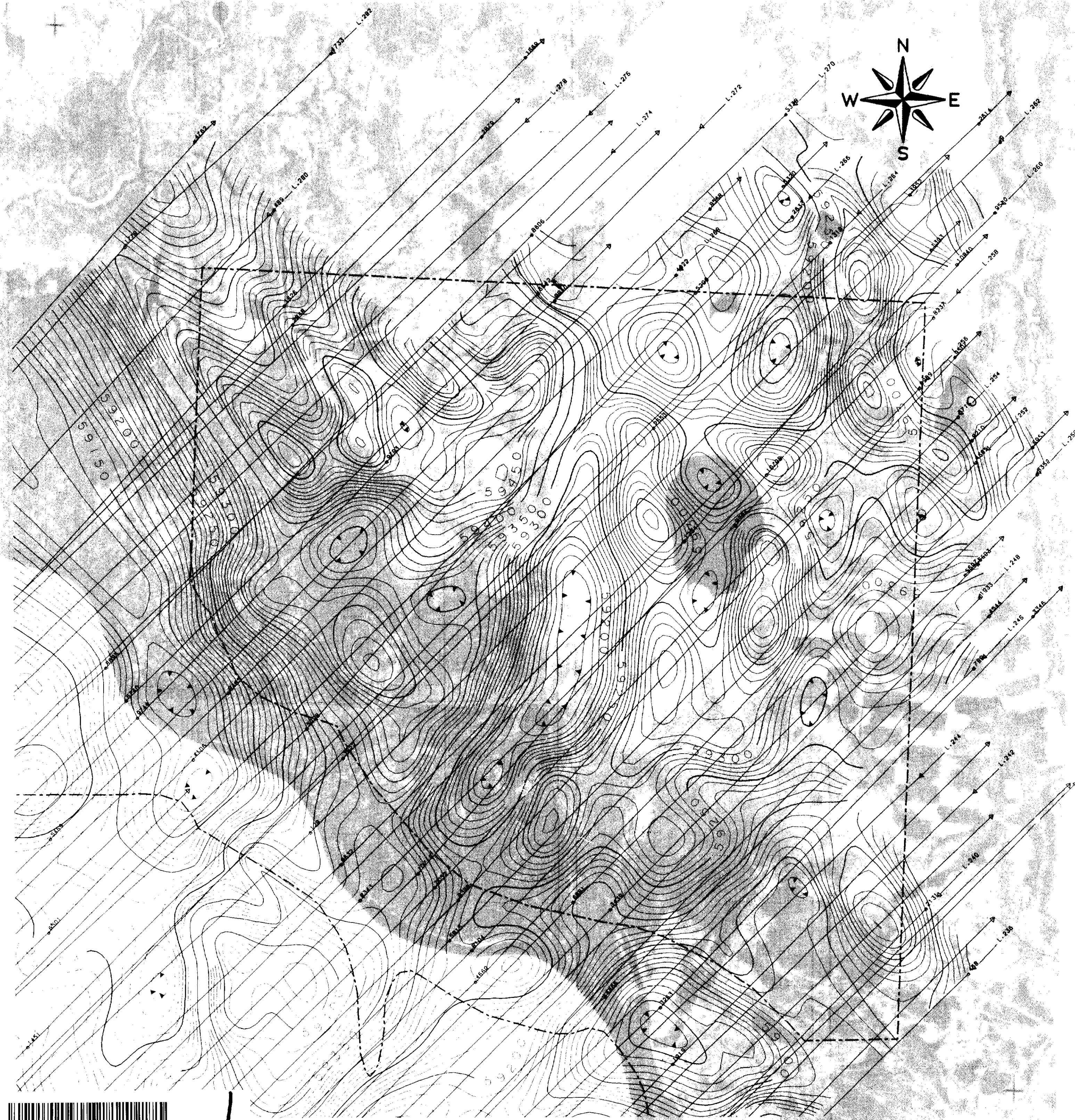
M.J.C.

MAP OR SHEET NO.

EM-2



276



AGATE TWP

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968624	968625	968626	968627	968628	968629	968630	968631	968632	968633	968634
968645	968644	968643	968642	968641	968640	968639	968638	968637	968636	968635
968646	968647	968648	968649	968650	968651	968652	968653	968654	968655	968656
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ADANAC TWP

HURDMAN TWP

CLAIM MAP

SCALE : 1" = 1/2 MILE

LEGEND

- TOTAL FIELD CONTOUR INTERVAL 10 GAMMAS
- FIDUCIAL POINT
- ▽ LINE DIRECTION
- ⊙ MAGNETIC LOW
- 10 GAMMAS
- 50 GAMMAS
- 100 GAMMAS

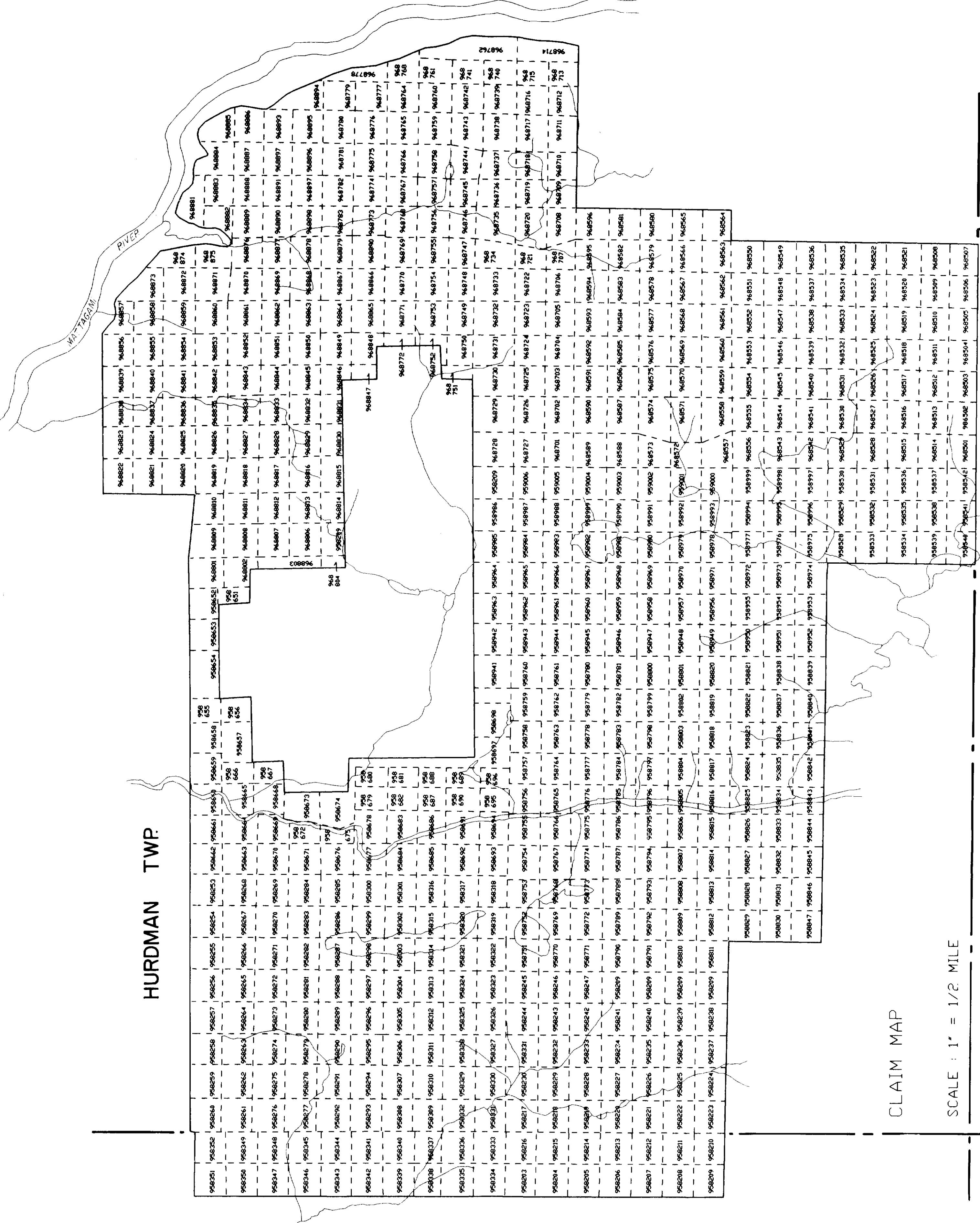
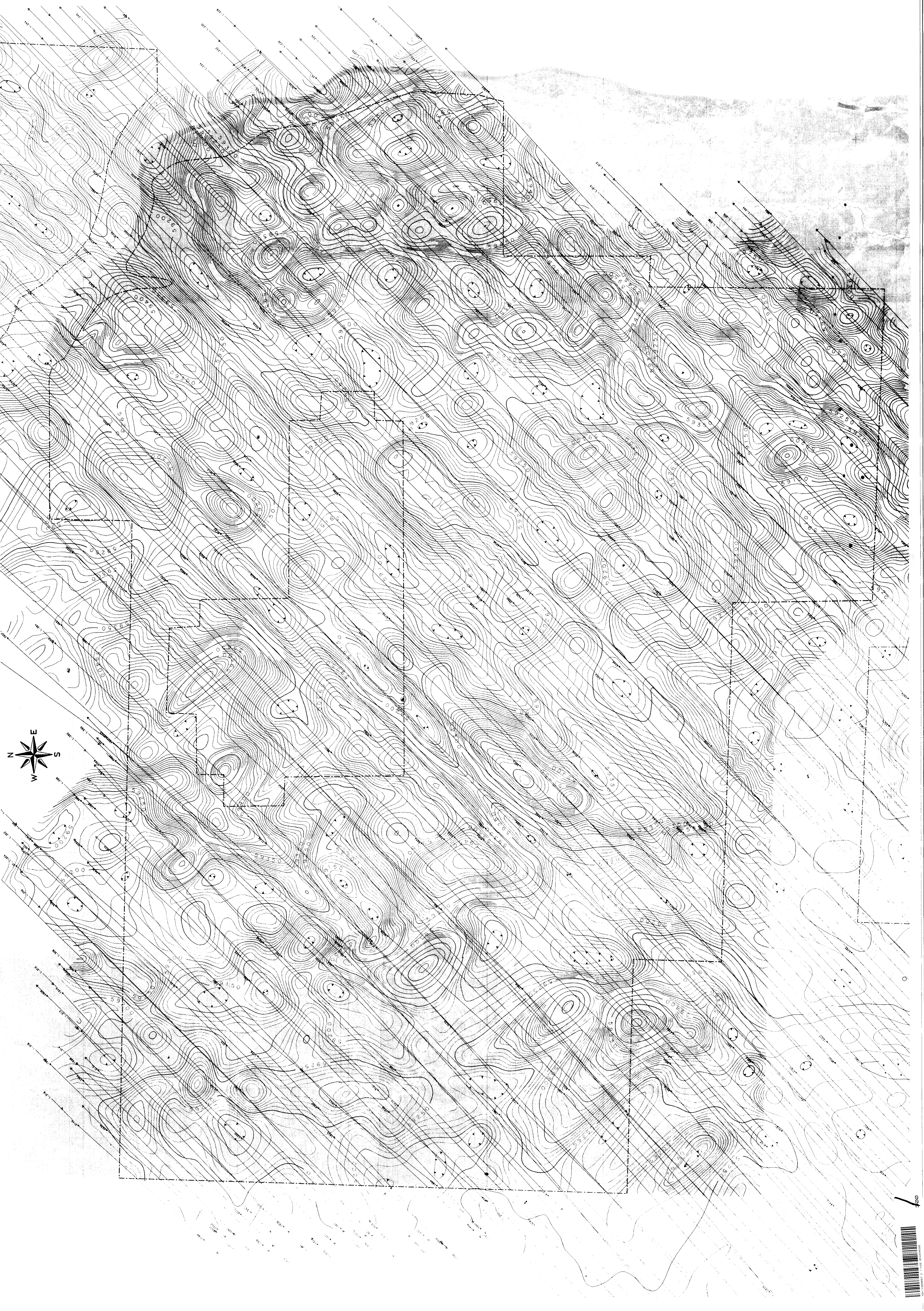
2-11426

AIRBORNE MAGNETIC SURVEY

MCKINNON PROSPECTING

CLIENT		AREA	
MCKINNON PROSPECTING		HURDMAN TWP. <i>Lisa Ahern</i>	
PROCESSED BY		SCALE	DATE
BSR Resource Data Corp.		1" = 1/4 MILE	APRIL 1988
DRAWN BY		MAP OR SHEET NO.	
M.J.C.		MG-1	






LEGEND

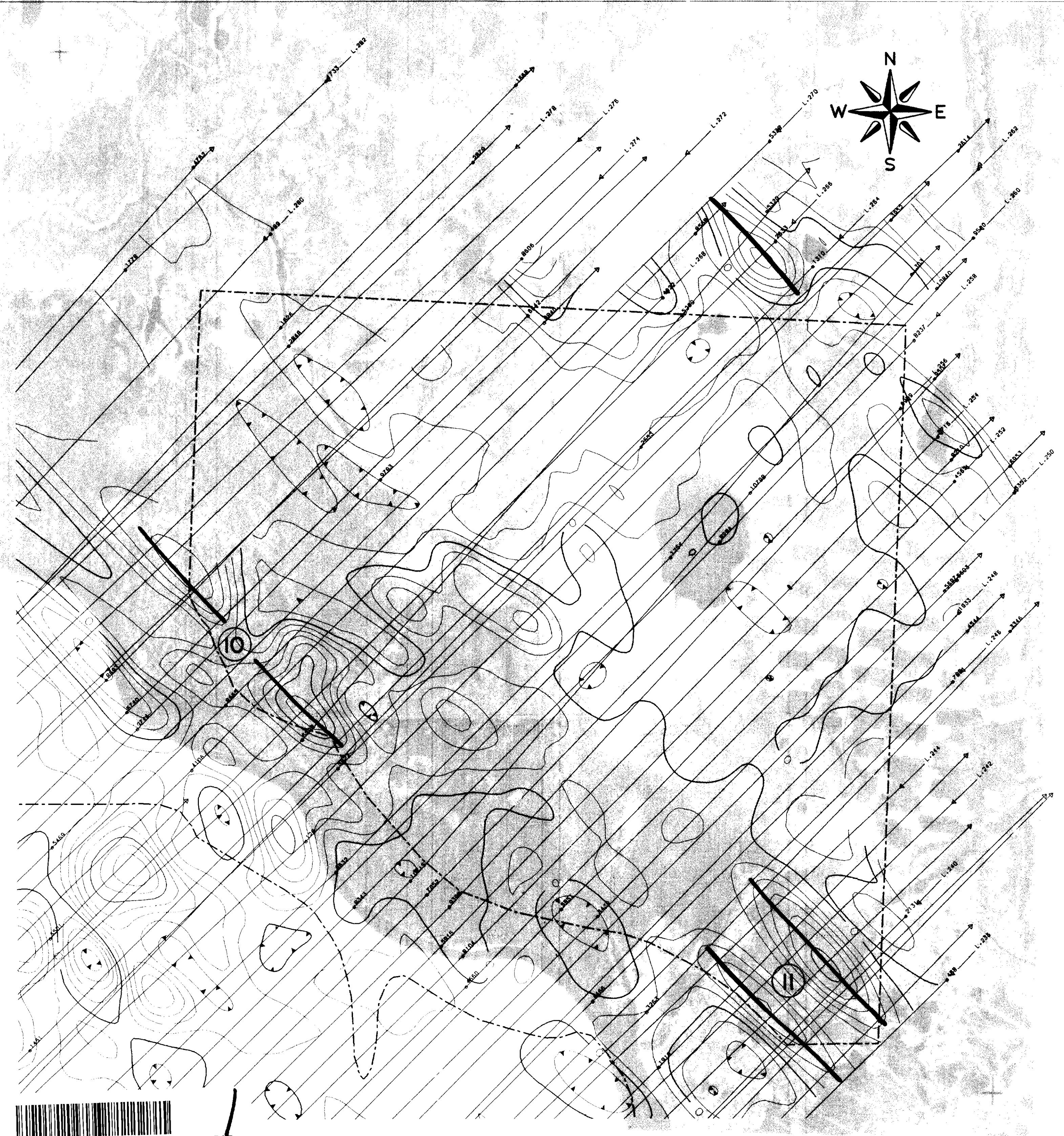
- TOTAL FIELD CONTOR INTERVAL 10 GAMMAS
- FIDUCIAL POINT
- ▷ LINE DIRECTION
- ⊗ MAGNETIC LTV
- 10 GAMMAS
- 50 GAMMAS
- 100 GAMMAS

2-11426

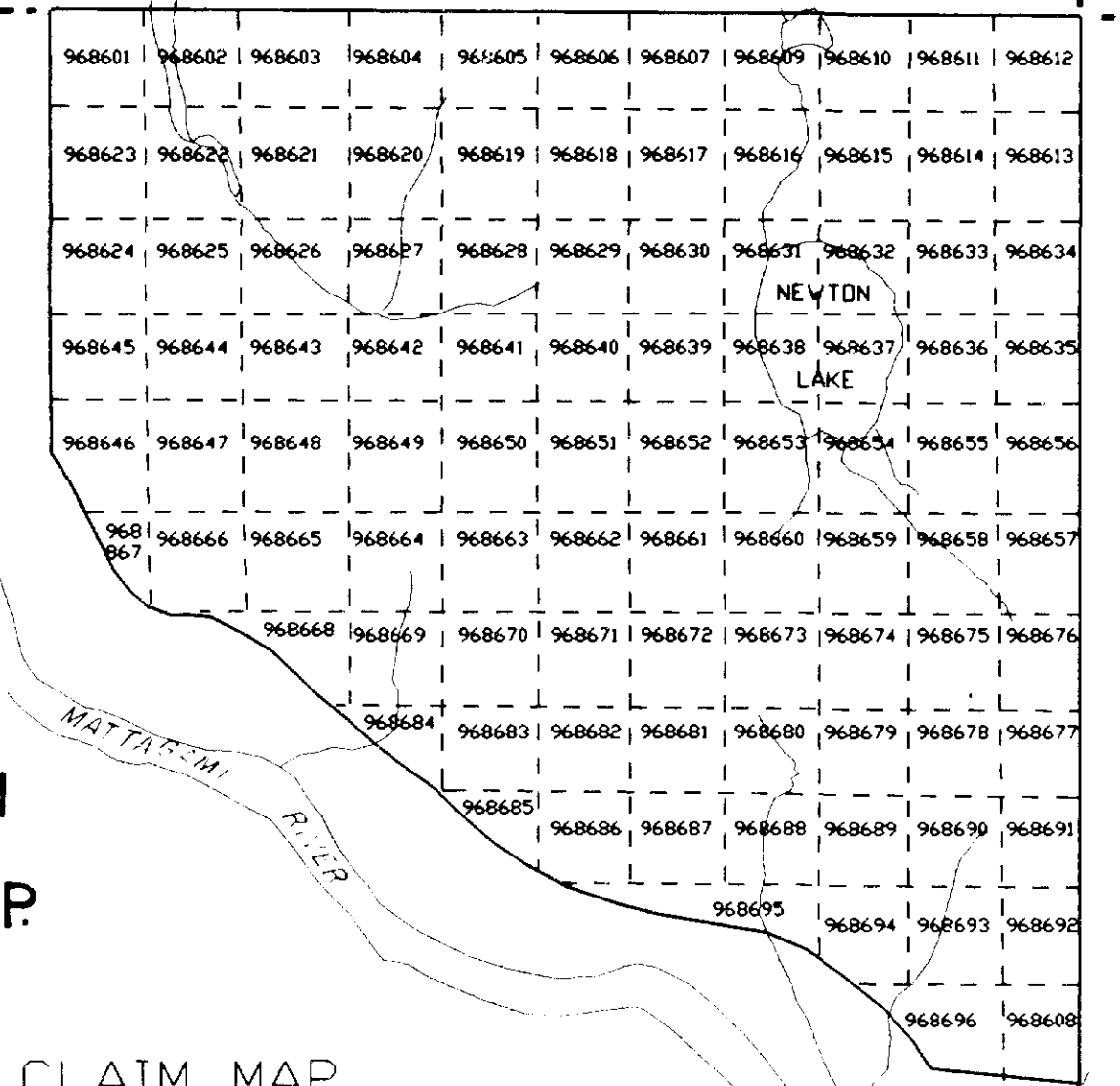
AIRBORNE MAGNETIC SURVEY
MCKINNON PROSPECTING


 H. Fendler Geophysics Ltd.
 BEARDMORE TWP
 SCALE: 1" = 1/4 MILE
 DATE: APRIL 1988
 MAP NO. 262/142
 PROJECT NO. 142
 PROJECTED BY: H.F.





AGATE TWP.



ADANAC TWP.

HURDMAN TWP.


CLAIM MAP
SCALE: 1" = 1/2 MILE

LEGEND

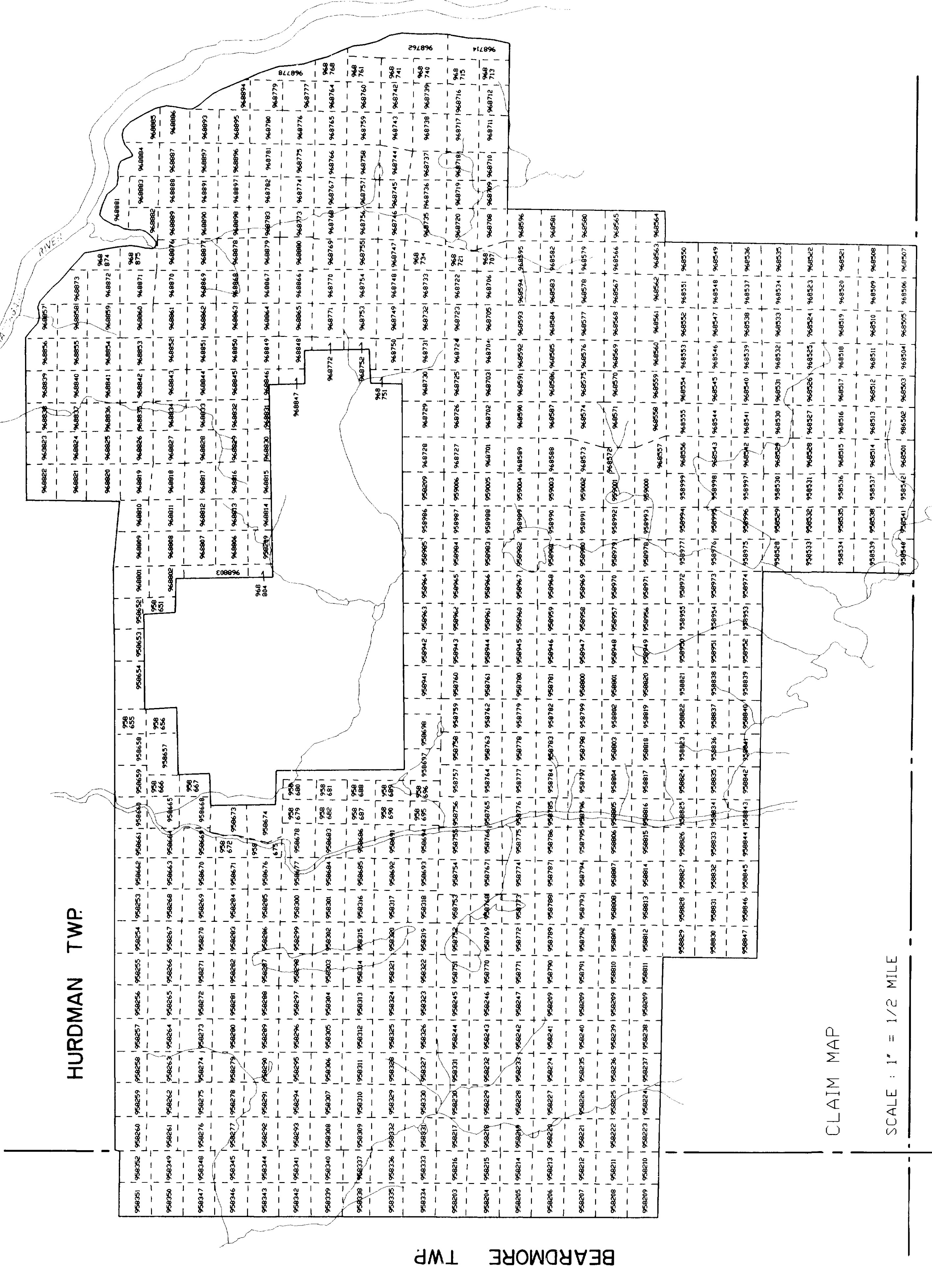
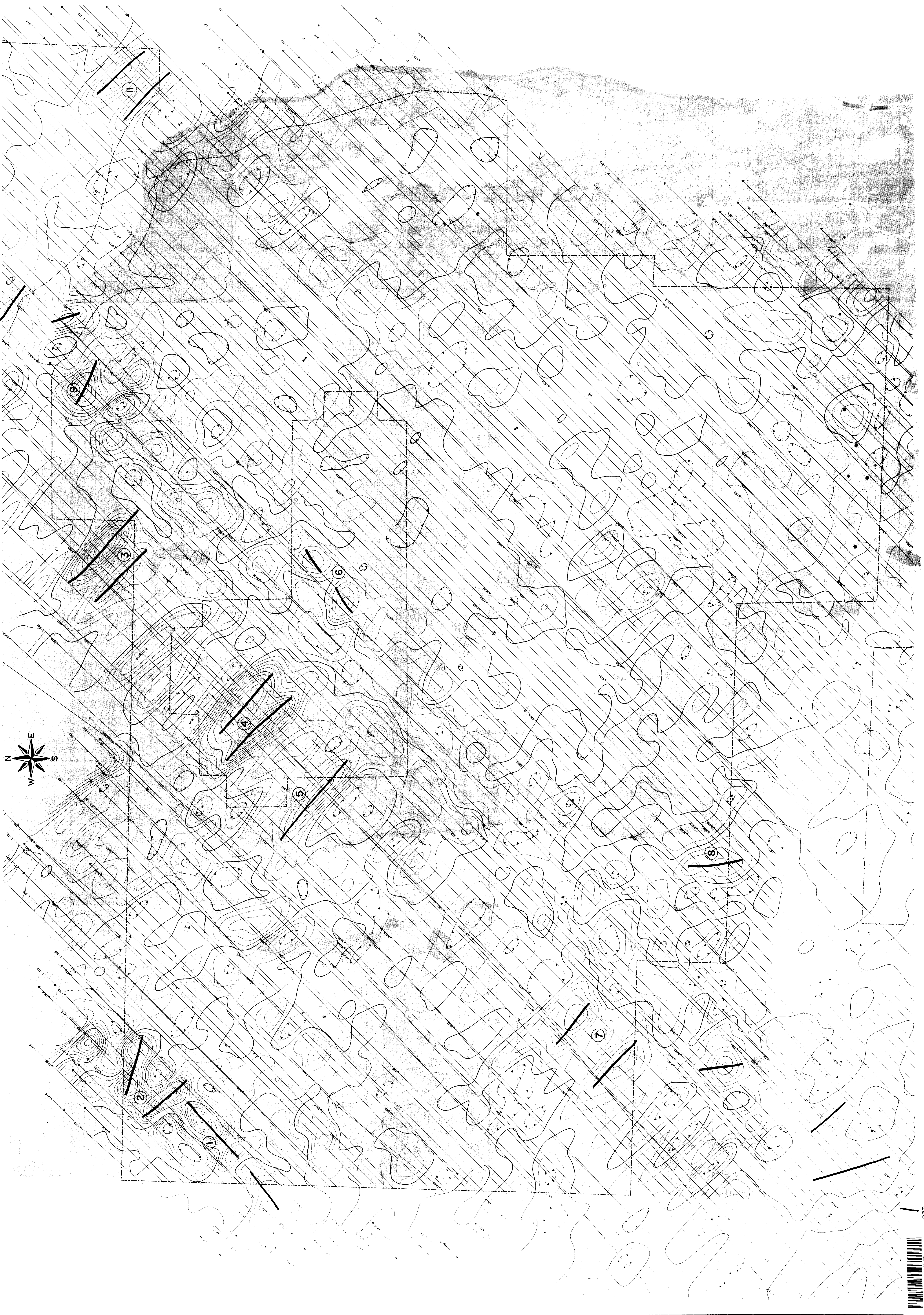
- TOTAL FIELD CONTOUR INTERVAL 2 %
- FIDUCIAL POINT
- ▷ LINE DIRECTION
- STATION USED: CUTLER, MAINE, USA (N.A.A. 24.0 KHZ)
- ⊖ LESS THAN ZERO
- 2 %
- 0 %
- CONDUCTOR AXIS

2-11426

AIRBORNE V.L.F.-EM SURVEY

CLIENT		AREA	
MCKINNON PROSPECTING		HURDMAN TWP. <i>J. A. Horn</i>	
 H. Ferderber Geophysics Ltd.	SCALE	DATE	
	1" = 1/4 MILE	APRIL 1988	
PROCESSED BY	DRAWN BY	MAP OR SHEET NO.	
BSR Resource Data Corp. 150 KENT ST. LONDON, ONT. N6A-1L3 (519) 661-0300	M.J.C.	EM-1	





LEGEND

- TOTAL FIELD CONTROL INTERVAL 2 X
- FINANCIAL POINT
- ▶ LINE DIRECTION
- STATION USED OVER WIRE (SEE WIRE DATA SHEET)
- LESS THAN ZERO
- 0.2
- CONSTRUCTION AXES

2/1/86

AIRBORNE V.L.F.-EM SURVEY
MCKINNON PROSPECTING

CLIENT: **H. Fenderberg Geophysics Ltd**
 PROJECT: **BEARDMORE TWP**
 SCALE: **1" = 1/4 MILE**
 DATE: **APRIL 1988**
 DRAWN BY: **M.J.C.**
 CHECKED BY: **B.S.R.**
 PROJECT NO: **88-03-037-66-000**
 DRAWING NO: **EM-2**

