REPORT ON

A HELICOPTER-BORNE

MAGNETOMETER SURVEY

SNAKE BAY, ONTARIO

NTS. 52F/7,8

MAY 1984

Doc. #2001

LLOYD M. WILSON

ESSO MINERALS CANADA

TABLE OF CONTENTS

LIST OF MAPS

(Scale: 1:5,000)

Maps

1. Total Field Magnetic Contours - Sheets 1 & 2

1. INTRODUCTION

On March 13, 1984, a helicopter - borne magnetometer survey was flown by Aerodat Limited, Toronto, on behalf of Esso Minerals Canada. The survey, located near Snake Bay in the Dryden area of northwestern Ontario, covers portions of Wapageisi Lake (M2056), Meggisi Lake (M2553), Kawashegamuk Lake (M2573) and Boyer Lake (M2582) claim sheet areas. (Figures 1 & 2).

This report is submitted to satisfy the requirements necessary to credit each of the 153 claims listed in Appendix II with 40 days. Thus these claims will be maintained in good standing for one year.

The technical information and survey specifications have been abstracted from information supplied by Aerodat Limited, Toronto. Interpretation of the magnetic survey data was carried out by L. Wilson, Geophysicist, Esso Minerals Canada.

2. LOCATION AND ACCESS

The Snake Bay prospect area is situated 52 km south-east of Dryden, Ontario. The property is adjacent to an all-weather gravel logging road known as the Snake Bay Road which is maintained by Great Lakes Forest Products of Dryden, Ontario. This road leads southward from Highway 17 at a point halfway between the villages of Dinorwic and Borups Corners. (Figure 1).

LOCATION MAP

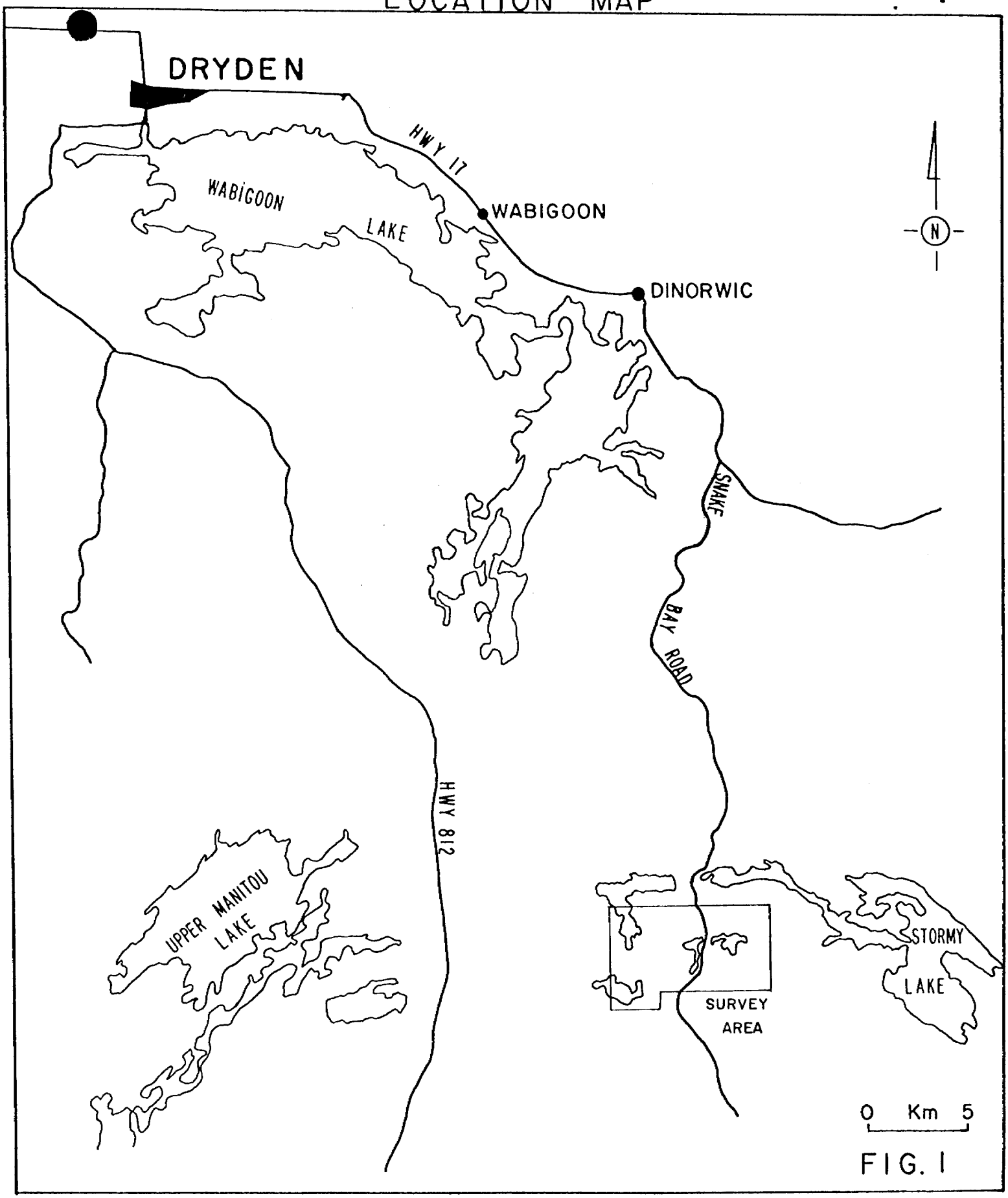

FIG. 1

SURVEY AREA

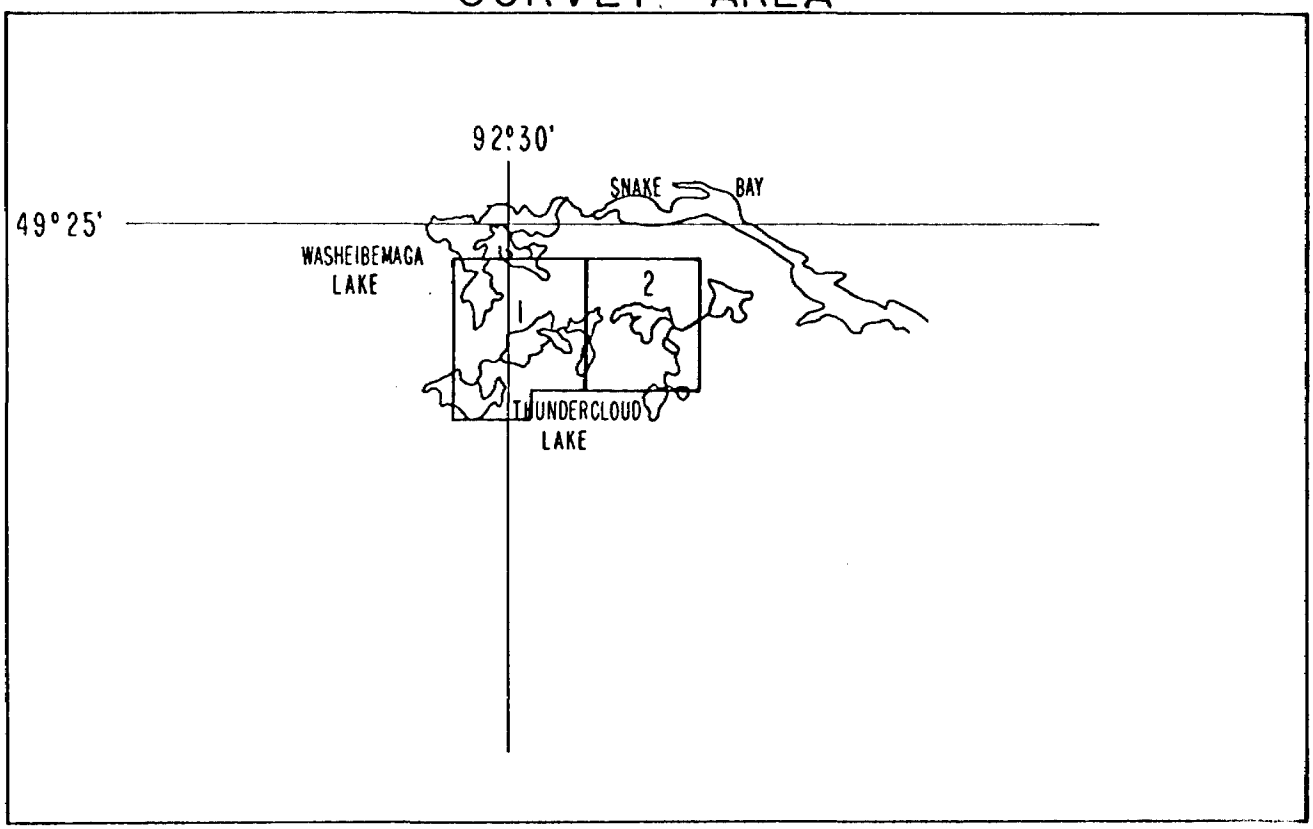

FIG. 2

2. LOCATION AND ACCESS (Cont'd)

Access to the region is gained via Highway 17, or through twice daily jet service to Dryden from Winnipeg or Toronto (via Thunder Bay). The CPR main line runs through Dinorwic and the area is served by Greyhound bus and numerous freight companies.

The area lies within the Kenora Mining Division, and is under the jurisdiction of the Dryden Ministry of Natural Resources office for the purposes of land use and work permits.

3. PREVIOUS WORK IN THE REGION

There has been extremely limited mineral exploration work in this area to date. Ontario Government mapping of most of the area was released in the spring of 1983.

The only published detailed maps of the area are a a scale of 1" to 1 mile by J. Thomson (1934; Map 42C), at 1" to 1/4 mile by Blackburn (1976 a and b) and Kresz, Blackburn and Fraser (1982 a and b); and a compilation by Blackburn (1982) at 1" to 1/2 mile scale. A detailed airborne EM and magnetometer survey was flown for the Ontario Government in 1980. Results are published at a scale of 1:20000 (O.G.S. 1981).

3. PREVIOUS WORK IN THE REGION (Cont'd)

The area was prospected for gold in the late 1800's resulting in the discovery of the Tabor Lake and Sakoose mines, situated immediately south of Borups Corners. Both are narrow, discrete, gold-bearing, quartz veins within weakly altered, country rocks. The Tabor Lake mine produced 36 ounces of gold in 1934-1935. Reserves were estimated to be 50,000 tons grading 0.5 oz Au/ton but recent exploration work by the present holder, Sulpetro Minerals Ltd., has failed to prove this gold content.

The Sakoose mines, presently held by J. Redden, produced 3669 ounces of gold from 8,828 tons of ore (0.41 oz Au/ton) between 1899 and 1947. It is estimated the deposit contains an additional 40,000 tons of ore. Redden is presently attempting to utilize a heap leach process to recover gold from broken rock in the muck pits of the former producer.

Exploration work in the region has been at a limited scale. A complete exploration history of the area is summarized by Kresz et al (1982). The majority of recent exploration work has focused upon the base metal potential of the region, but no base metal occurrences have been located.

4. REGIONAL GEOLOGY

The survey area is located within the Wabigoon subprovince of the Superior Province. The rocks in the map area are virtually all Archean, with rare Proterozoic diabase dykes. The northern part of the region adjacent to Highway 17 is covered by locally thick lacustrine clays and minor sand deposits. Outcrop is sparse. The southern portion of the region contains abundant outcrop with minor esker and till deposits.

The mapping of Blackburn (1982) in the area immediately to the east provides the basis for understanding regional geology. He has established three stratigraphic groups in the supracrustal rocks; the Boyer Lake Group; the Stormy Lake Group; and the Wapageisi Group. Blackburn has interpreted the stratigraphy as younging from South to North, with the Wapageisi Group being the oldest group, and the Boyer Lake group being the youngest.

The Wapageisi Group is a thick homoclinal sequence of northwestward facing mafic metavolcanic rocks, with numerous gabbro sills, and minor amounts of felsic intrusive and extrusive rocks, and metasedimentary rocks.

The Stormy Lake group consists of a complex sequence of coarse, clastic, sedimentary rocks (conglomerates, wackes, arkoses).

The Boyer Lake group is a sequence of mafic volcanic rocks intruded by numerous gabbro sills. Lesser amounts of felsic pyroclastic rocks and felsic intrusive rocks are also found in this area.

5. AIRCRAFT AND EQUIPMENT

5.1 AIRCRAFT

The helicopter used for the survey was an Aerospatiale A-Star 350D owned and operated by Maple Leaf Helicopters. Installation of the geophysical and ancillary equipment was carried out by Aerodat. The survey aircraft was flown at a nominal altitude of 60 meters.

5.2.1 Magnetometer

The magnetometer is a Geometrics G-803 proton precession type. The sensitivity of the instrument is 1 gamma at a 0.5 second sample rate. The sensor was towed in a bird 12 meters below the helicopter.

5.2.2 Magnetic Base Station

An IFG proton precession type magnetometer was operated at the base of operations to record diurnal variations of the earth's magnetic field. The clock of the base station was synchronized with that of the airborne system.

5.2.3 Radar Altimeter

A Hoffman HRA-100 radar altimeter was used to record terrain clearance. The output from the instrument is a linear function of altitude for maximum accuracy.

5.2.4 Tracking Camera

A Geocam tracking camera was used to record flight path on 35 mm film. The camera was operated in strip mode and the fiducial numbers for cross reference to the analog and digital data were imprinted on the margin of the film.

5.2.5 Analog Recorder

An RMS dot-matrix recorder was used to display the data during the survey. In addition to manual and time fiducials, the following data was recorded:

5.2.5 Analog Recorder (Cont'd)

Channel	Input	Scale
00	Altimeter (500 ft. at top of chart)	10 ft./mm
04	high freq. quadrature	2 ppm/mm
04	high freq. in-phase	2 ppm/mm
03	high freq. in-phase	2 ppm/mm
06	mid freq. quadrature	4 ppm/mm
05	mid freq. in-phase	4 ppm/mm
02	low freq. quadrature	2 ppm/mm
01	low freq. in-phase	2 ppm/mm
15	magnetometer	25 gamma/mm
14	magnetometer	2.5 gamma/mm
07	VLF-EM Total Field	2.5%/mm
08	VLF-EM Quadrature	2.5%/mm

5.2.6 Digital Recorder

A Perle DAC/NAV data system recorded the survey data on magnetic tape. Information recorded was as follows:

Equipment	Interval
EM	0.1 second
VLF-EM	0.5 second
magnetometer	0.5 second
altimeter	1.0 second
fiducial (time)	1.0 second
fiducial (manual)	0.2 second
MRS III	0.2 second

5.2.7 Radar Positioning System

A Motorola Mini-Ranger (MRS III) radar navigation system was utilized for both navigation and track recovery. Transponders located at fixed known locations were interrogated several times per second and the range from these points to the helicopter measured to several meter accuracy. A navigational computer triangulates the position of the helicopter and provides the pilot with navigation information. The range/range data was recorded on magnetic tape for subsequent flight path determination.

6. DATA PRESENTATON

6.1 Base Map and Flight Path Recovery

The base map is a photomosaic at a scale of 1:5,000.

The flight path was derived from the Mini Ranger radar positioning system. The distance from the helicopter to two established reference locations was measured several times per second, and the position of the helicopter mathematically calculated by triangulation. It is estimated that the flight path is generally accurate to about 10 meters with respect to the topographic detail of the base map. The flight path is presented with fiducials for cross-reference to both the analog and digital data.

6.2 Total Field Magnetic Contours

The aeromagnetic data was corrected for diurnal variations by substraction of the digitally recorded base station magnetic profile. No correction for regional variation was applied.

6.2 Total Field Magnetic Contours (Cont'd)

The corrected profile data was interpolated onto a regular grid using a cubic spline technique. The grid provided the basis for threading the presented contours at a 10 gamma interval.

The aeromagnetic data is presented with flight path and fiducials on the base map (Map 1 - Sheets 1 & 2 - Accompanying this report).

7. INTERPRETATION OF SURVEY RESULTS

Map 1 - Sheets 1 and 2 - shows the total magnetic intensity contours drawn at an interval of 10 gammas.

The Katisha - Seggemak Lakes area, located in the centre of the survey grid, shows two or more strong, NNW trending linears caused by magnetite and ilmenite bearing gabbroic intrusions. These gabbroic rocks occur in a WNW - ESE striking belt which extends from Washeibemaga Lake (NW corner of Sheet 1) to the southeast corner of the survey area (Sheet 2). This belt of gabbroic intrusions is open to the southeast of our claim group.

Magnetite concentrations within these gabbros varies along strike, as indicated by the changes in observed magnetic amplitude. The magnetite may occur in the form of pods as evidenced by the near circular magnetic anomaly observed on Line 1470 on the NE corner of Katisha Lake adjacent to the Snake Bay road.

With the exception of the gabbroic intrusions, the Wapageisi Group of mafic metavolcanic rocks is generally weakly magnetic to non-magnetic. The wedge of intermediate to felsic epiclastic rocks in the Kawijekiwa Lake area (center of Sheet 2) is generally outlined as a magnetic low.

The E-W linear, magnetic feature north of Seggemak, Katisha and Kawijekiwa Lakes occurs at or near the unconformity between the Wapageisi Group to the south and the overlying Stormy Lake Group to the north. A variety of sedimentary rocks are observed to lie along the unconformity. A magnetite iron-formation unit is mapped at the contact north of Katisha Lake. A wide variety of intrusive rocks (e.g. lamprophyre) are also localized along this contact zone. The close spatial relationship between the magnetite iron-formation unit and the intrusions which occur along the unconformity makes it difficult to sort out which gives rise to the magnetic anomaly at various points along this magnetic trend.

The magnetic features located on the north portion of Sheet 1, north of the Stormy Lake - Wapageisi contact, may be caused by gabbroic intrusives. Further mapping is required in this area to confirm this interpretation.

The N-S trending magnetic gradient along the west side of Sheet 1 is caused by the highly magnetic Thundercloud porphyry which is mapped to the west of the survey area. The source of the magnetic linear feature on the south end of Sheet 1 is not known.

Respectfully submitted,

Lloyd M. Wilson

Lloyd M. Wilson

Geophysicist

APPENDIX I

QUALIFICATIONS OF AUTHOR

Lloyd M. Wilson attended Memorial University of Newfoundland between 1966 and 1971, graduating with a B.A. (Honors) degree in Mathematics. From May, 1971 to October, 1973, Mr. Wilson worked full-time in oil and gas exploration for Amoco Canada Petroleum Co. Ltd. in Calgary, Alberta, specializing in gravity, magnetic and seismic methods. Since then he has had nine years of experience as a mineral exploration geophysicist - three with Geoterrex Ltd. (1973-1976) in Ottawa and six with Esso Minerals Canada in Toronto (1978-). For the past four years he has been involved in project planning, geophysical field activities, report writing and the training and supervision of student personnel for Esso Minerals Canada. He is a member of the Society of Exploration Geophysicists, the Prospectors and Developers Association, CIMM (Toronto Branch) and KEGS.

APPENDIX II

TECHNICAL DATA STATEMENT

File _____

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

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: Geophysical

Township or Area: Kawashegamuk Lake (M2573), Boyer Lake (M2582), Meggisi Lake (M2553), Wapageisi Lake (M2056)

Claim holder(s): Esso Resources Canada Limited

Author of Report: Lloyd M. Wilson

Address: c/o Esso Minerals Canada, Toronto

Covering Dates of Survey: March 13, 1984 (linecutting to office)

Total Miles of Line cut: _____

SPECIAL PROVISIONS CREDITS REQUESTED		DAYS per claim
ENTER 40 days (includes line cutting) for first survey.	Geophysical	
	-Electromagnetic	
	-Magnetometer	
	-Radiometric	
ENTER 20 days for each additional survey using same grid.	-Other	
	Geological	
	Geochemical	

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

Magnetometer 40 Electromagnetic _____ Radiometric _____ (enter days per claim)

DATE: May - 1984 SIGNATURE: Lloyd M. Wilson (Author of Report or Agent)

PROJECTS SECTION

Res. Geol. _____ Qualifications 24488

Previous Surveys _____

Checked by _____ date _____

GEOLOGICAL BRANCH

Approved by _____ date _____

GEOLOGICAL BRANCH

Approved by _____ date _____

MINING CLAIMS TRAVERSED
List numerically

(prefix) (number)

See attached pages.

TOTAL CLAIMS 153

Show instrument technical data in each space for type of survey submitted or indicate "not applicable"

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS

Number of Stations _____ Number of Readings _____

Station interval _____

Line spacing _____

Profile scale or Contour intervals _____

(specify for each type of survey)

MAGNETIC

Instrument _____

Accuracy - Scale constant _____

Diurnal correction method _____

Base station location _____

_____

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency _____

(specify V.L.F. station)

Parameters measured _____

GRAVITY

Instrument _____

Scale constant _____

Corrections made _____

_____

Base station value and location _____

_____

Elevation accuracy _____

INDUCED POLARIZATION -- RESISTIVITY

Instrument _____

Time domain _____ Frequency domain _____

Frequency _____ Range _____

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) Helicopter - Borne Magnetic

Instrument(s) Geometrics G-803 Proton Precession Mag.

(specify for each type of survey)

Accuracy Sensitivity 1 Gamma at 0.5 second sample rate.

(specify for each type of survey)

Aircraft used Aerospatial Astar 350D

Sensor altitude 45 Meters

Navigation and flight path recovery method A motorola mini-ranger (MRS III) radar navigation system was used for both navigation and track recovery.

Aircraft altitude 60 Meters Line Spacing 100 Meters

~~Miles~~ Km. flown over total area 350 Over claims only 245 Km.

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 _____

_____

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_____

General _____

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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 _____

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153 CLAIMS TOTAL

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900

Mining Lands Section

File No 2.6767

Control Sheet

TYPE OF SURVEY

__V__ GEOPHYSICAL

_____ GEOLOGICAL

_____ GEOCHEMICAL

_____ EXPENDITURE

MINING LANDS COMMENTS:

airborne

Doug

Signature of Assessor

29/09/84

Date

LD

FWM

Ministry of Natural Resources
Ontario

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

2.6767
#123-84

Mining Act

Meggisi Lake (M2553)
Wapageisi Lake (M2056)

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.

Type of Survey(s)
Geophysical Airborne Magnetometer

Township or Area
Kawashegamuk Lake (M2573)
Boyer Lake (2582)

Client
Esso Resources Canada Limited

Prospector's Licence No.

Address
P.O. Box 4029, Station "A", Toronto, Ont., M5W 1K3

Survey Company
Aerodat Ltd.

Date of Survey (from & to)
13 03 84 - - -
Day | Mo. | Yr. | Day | Mo. | Yr.

Total Miles of line ~~Cut~~ Flown
350 Km
Km

Name and Address of Author (of Geo-Technical report)
Lloyd M. Wilson, c/o Esso Minerals Canada, P.O. Box 4029, Station "A", Toronto, Ont., M5W 1K3

Credits Requested per Each Claim in Columns at right

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

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure 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.

Date
May 22nd, 1984

Recorded Holder or Agent (Signature)
Lloyd M. Wilson

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 the date of this survey, and that the annexed report is true.

Name and Address of Person Certifying
Lloyd M. Wilson, Esso Minerals Canada, P.O. Box 4029, Station "A", Toronto, Ontario, M5W 1K3

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
	See attached				

RECEIVED
JUN 13 1984
MINING LANDS SECTION

KENORA MINING DIV.
RECEIVED
MAY 25 1984
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

695894

Total number of mining claims covered by this report of work.
153

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
6129	May 25/84	M E Lemay (acting)
	Date Approved as Recorded	Branch Director
	Sept 4/84	

#123-84

153 CLAIMS TOTAL

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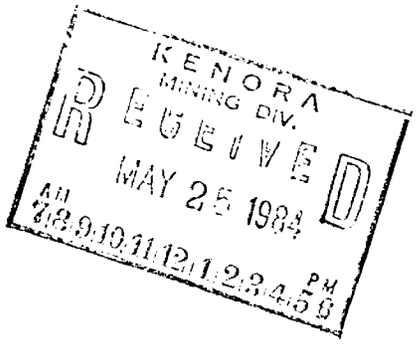

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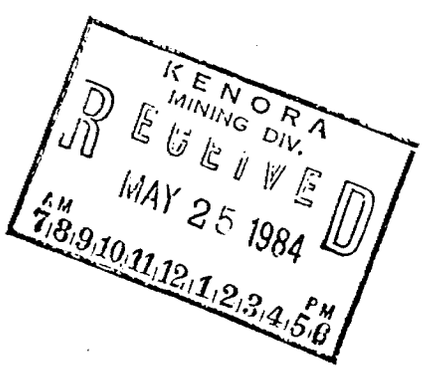

Lloyd M. Wilson, Esso Minerals Canada, P.O. Box 4029, Station "A"
Toronto, Ontario, M5W 1K3

Date Certified: May 22/84

Certified by (Signature): Lloyd M. Wilson

1362 (81/9)

#123-84

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K 727281
K 727282
K 727283
K 727284
K 727285
K 727286

EPM/ss

May 1984

Doc. #0812

ESSO MINERALS CANADA
120 ADELAIDE STREET WEST, P.O. BOX 4029, STATION "A"
TORONTO, ONTARIO M5W 1K3

S. B. MacEACHERN
Regional Exploration Manager

August 3, 1984

26767

Mr. S.E. Yundt,
Director,
Land Development Branch,
Whitney Block,
Queen's Park,
Toronto, Ontario
M7A 1W3

Dear Sir:

Re: File: 26767
Airborne Geophysical (Magnetometer) Survey submitted on Mining Claim K695894 et al in the area of Kawashegamuk Lake and Boyer Lake

Enclosed are the maps for the above mentioned survey. The outside boundry of the claim block have been indicated.

Mr. Wilson is presently in Western Canada until the end of the summer. If there are any questions, please contact me at (416) 968-5212.

Yours truly,

Mike Wong

MW/ko

July 19, 1984 Our File: 2.6767

Esso Resources Canada Ltd
P.O. Box 4029, Station "A"
Toronto, Ontario
M5W 1K3

Attention: Lloyd M. Wilson

Dear Sir:

RE: Airborne Geophysical (Magnetometer) Survey submitted on Mining Claims K 695894 et al in the Areas of Kawashegamuk Lake and Boyer Lake

---

Enclosed are the plans, in duplicate, for the above-mentioned survey. Please indicate the outside boundary of the claim block on each copy of the maps and return them to this office, quoting file 2.6767.

For further information, please contact Mr. Ray Pichette at (416)965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block,
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-4888

D. Isherwood:mc

cc: Mining Recorder
Kenora, Ontario

Encl.

1984 06 05

Your File: 2
Our File: 2.6767

Mrs. Mary Ellen Lemay
Acting Mining Recorder
Ministry of Natural Resources
808 Robertson Street
Box 5080
Kenora, Ontario
P9N 3X9

Dear Madam:

We have received reports and maps for an Airborne Geophysical (Magnetometer) Survey submitted on Mining Claims K 728109 et al in the Areas of Kawashegamuk, Boyer, Meggisi and Wapageisi Lakes.

This material will be examined and assessed and a statement of assessment work credits will be issued.

We do not have a copy of the report of work which is normally filed with you prior to the submission of this technical data. Please forward a copy as soon as possible.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416) 965-6918

A. Barr:sc

cc: Esso Minerals Canada
120 Adelaide Street West
P.O. Box 5029
Station A
Toronto, ontqrio
M5W 1K3
Attn: James Pirie.

ESSO MINERALS CANADA

120 ADELAIDE STREET WEST, P.O. BOX 4029, STATION "A"
TORONTO, ONTARIO M5W 1K3
(416) 968-5200

S. B. MacEACHERN
Regional Exploration Manager

May 17th, 1984
File:
Doc. #1914

Mining Lands Section
Whitney Block
99 Wellesley
Toronto, Ontario
M7A 1W3

Dear Sir:

Re: Mining Claims: K728109 - 728118
K728129 - 728144
K771615 - 771617
K771783 - 771812
K771822 - 771827
K743805 - 743815
K726960 - 726963
K726872 - 726873
K695894 - 695896
K726955, 726684, 726875
K718907
K727279 - 727286
K743825 - 743842
K762801 - 762810
K706166 - 706173
K719589 - 719599
K732084 - 732090
K776952, 776950, 776954

Enclosed please find the technical report for the above claims.

Yours truly,

RECEIVED
MAY 18 1984
MINING LANDS SECTION

.....
James Pirie
District Geologist
Tel. (416) 968-5208

JP/ss

c.c. S.B. MacEachern

200

Turtlepond Lake - G-2595

Harper Lake - G-2584

Kawashegamuk Lake - G-2585

Meggisi Lake - G-2688

92°45' 92°30' 49°30' 49°22'30"

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	R
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

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
R	PARK RESERVE	W 71/85	85/8/05	S & M	186815

SCALE 1 INCH - 40 CHAINS

0 1000 2000 4000 6000 8000
METRES 0 200 1000 2000
(1 KM) (2 KM)

AREA

BOYER LAKE

M.N.R. ADMINISTRATIVE DISTRICT

DRYDEN

MINING DIVISION

KENORA

LAND TITLES / REGISTRY DIVISION

KENORA

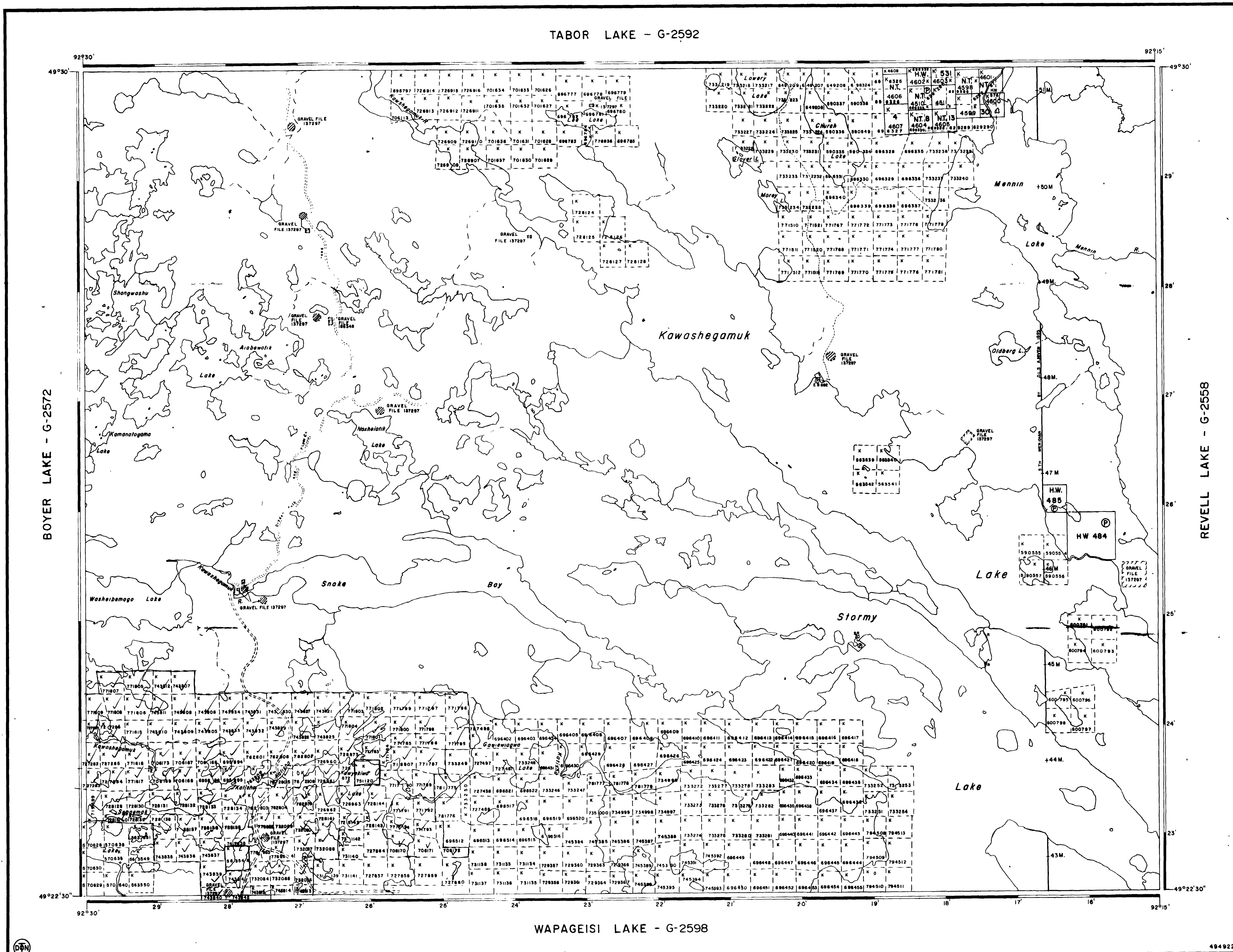
Ministry of Natural Resources — Land Management Branch

Ontario

Date JANUARY 1984

Number G-2572

494923



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	
CANCELLED	C

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

Roads indicated Dryden Paper Co Private Road may be used by prospectors only after permission is obtained from Dryden Paper Co. Dryden, Ont.

SCALE: 1 INCH = 40 CHAINS

AREA
KAWASHEGAMUK LAKE

M.N.R. ADMINISTRATIVE DISTRICT
DRYDEN / IGNACE

MINING DIVISION
KENORA

LAND TITLES / REGISTRY DIVISION
KENORA

Ministry of Natural Resources Ontario — Land Management Branch

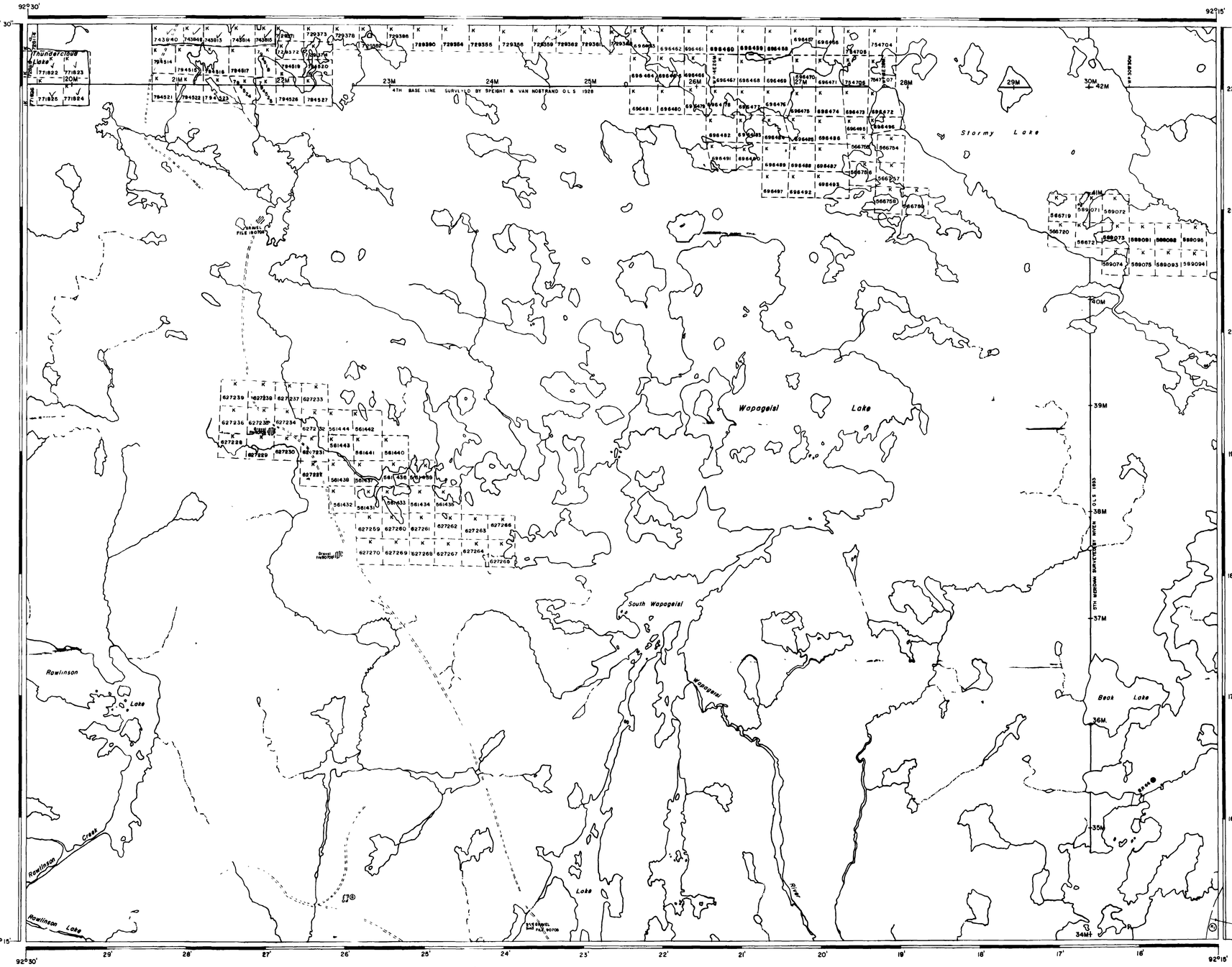
Date FEBRUARY, 1984 — Number G-2585

494922

52F07NE0024 2.6767 KAWASHEGAMUK LAKE 210

TRIM LINE

KAWASHEGAMUK LAKE G-2585



MEGGISI LAKE G-2688

BENDING LAKE G-2534

ISLETS LAKE G-2677

493922

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	R
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP 380, SEC 62, SUBSEC 1

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
5	WM/77	11/08/77	S.R.O.	118385

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)

AREA

WAPAGEISI LAKE

M.N.R. ADMINISTRATIVE DISTRICT
DRYDEN
MINING DIVISION
KENORA
LAND TITLES / REGISTRY DIVISION
KENORA

Ministry of Natural Resources
Ontario

Land [illegible]
Branch [illegible]

Date: FEBRUARY, 1984

G-2598

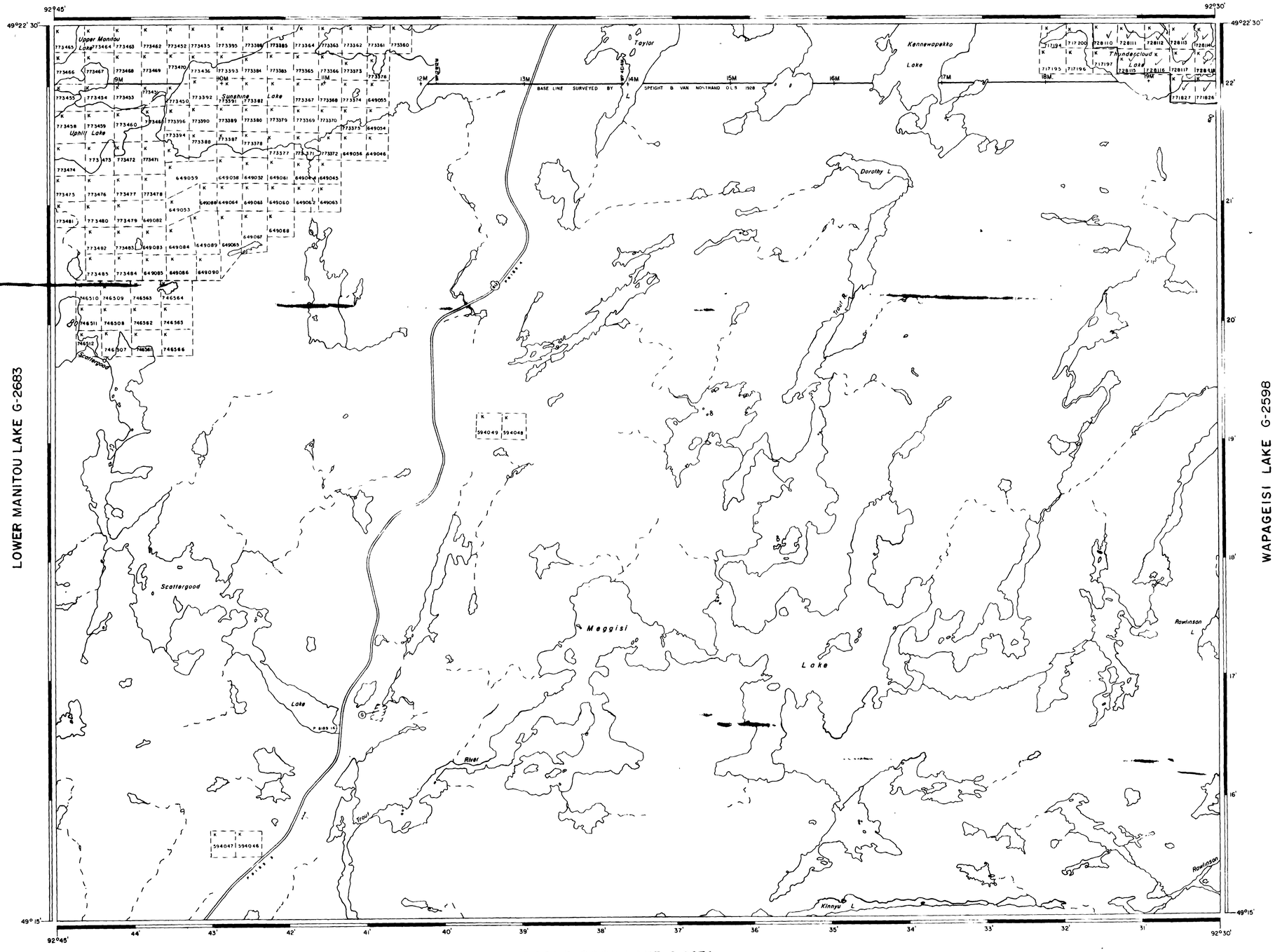
TRIM LINE

220

BOYER LAKE G-2572

LOWER MANITOU LAKE G-2683

WAPAGEISI LAKE G-2598



EAGLE ROCK LAKE G-2672

493923

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 8 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP 380, SEC 63, SUBSEC 1

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

SAND AND GRAVEL

◔ QUARRY PERMIT

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

AREA

MEGGISI LAKE

M.N.R. ADMINISTRATIVE DISTRICT

FORT FRANCES

MINING DIVISION

KENORA

LAND TITLES / REGISTRY DIVISION

KENORA

Ministry of Natural Resources — Land Management Branch

Ontario

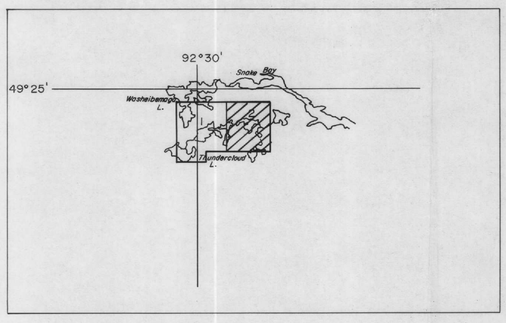
Date FEBRUARY, 1984.

Number G-2688

TRIM LINE

Horizontal control..... MRS III
Average bird height ..... 45 metres
Line spacing..... 100 metres

LEGEND
250 gammas.....
50 gammas.....
10 gammas.....



ESSO MINERALS CANADA

TOTAL FIELD MAGNETIC MAP

DRYDEN AREA
ONTARIO

26767

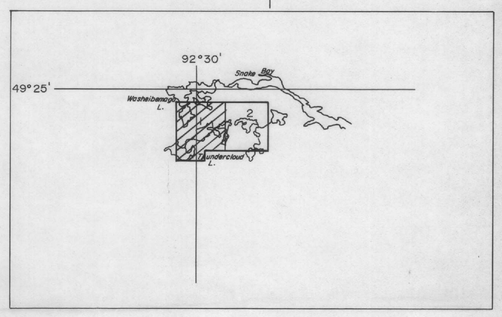
SCALE 1/ 5,000
0 330 660 1/4 mile
0 100 250 1/2 Kilometre

AERODAT LIMITED

DATE: March 1984
N.T.S. No: 52F
MAP No: # 2

Horizontal control ..... MRS III
Average bird height ..... 45 metres
Line spacing ..... 100 metres

LEGEND
250 gammas .....
50 gammas .....
10 gammas .....



ESSO MINERALS CANADA

TOTAL FIELD MAGNETIC MAP

DRYDEN AREA
ONTARIO

26767

SCALE 1/ 5,000
0 330 660 1/4 mile
0 100 250 1/2 Kilometre

AERODAT LIMITED

DATE: March 1984
N.T.S. No: 52F
MAP No: 1