



43B13NW0012 2 16825 BMA 528834

010

REPORT

ON A

HELICOPTER-BORNE

MAGNETIC SURVEY

BY

HIGH SENSE GEOPHYSICS

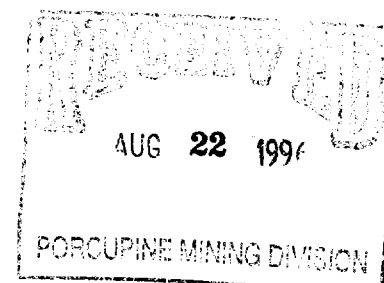
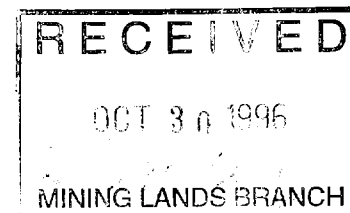
FOR

KWG RESOURCES

ON AREA

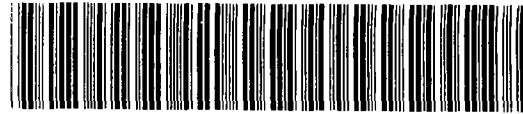
D-39

SEPTEMBER 1994



PREPARED BY: STEVE S. MUNRO, B.Sc.
August 21, 1996

Qual. #



43B13NW0012 2 16825 BMA 528834

010C

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1.0 INTRODUCTION

This report describes an airborne magnetic survey carried out by High-Sense Geophysics Limited of Toronto, Ontario, on behalf of KWG Resources Inc. of Montreal, Quebec. The purpose of the survey was to collect total magnetic field data over an area of interest to KWG located in the Missisa Lake area of the James Bay Lowlands in Ontario.

The survey was carried out from the base established at Spider Camp, located approximately 300km northeast of the town of Nakina, Ontario. A high sensitivity cesium vapour magnetometer, Global Positioning System (GPS) and a radar altimeter were mounted in a 'bird' and towed, by helicopter. The survey data was collected on August 28th, 29th, and 30th and September 17th, 1994 over an area designated as 'D-39.'

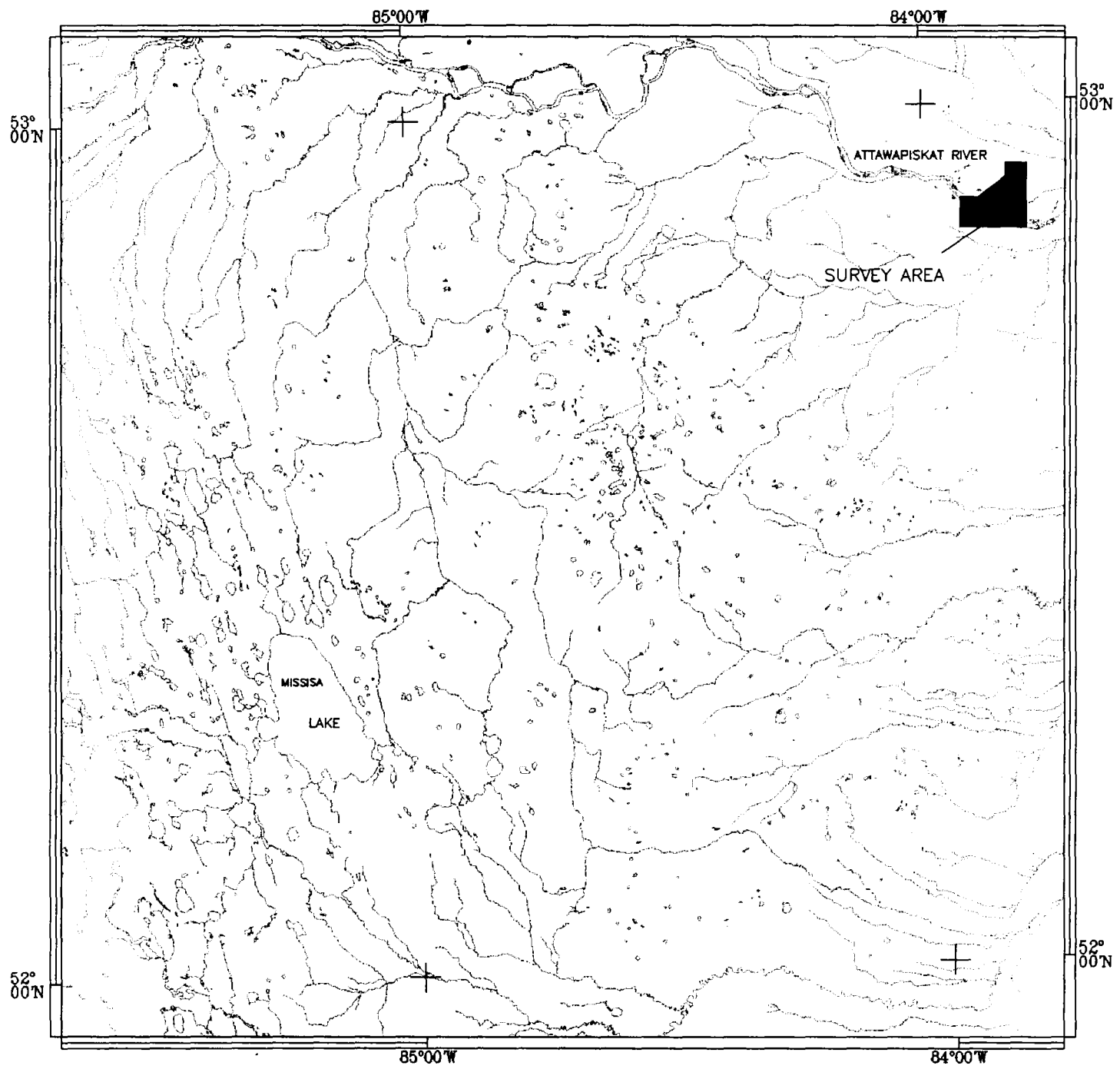
Flight line orientation was North South, with a nominal line spacing of 100 metres and a mean terrain clearance of 30m. Within the survey, approximately 522.4 line kilometers of recorded total magnetic field data were collected, covering an area approximately 50 square kilometers. The data was processed on-site, compiled in map form and presented at 1:15,000 scale. This report includes logistical details of the survey and technical descriptions of the instruments and procedures employed.

2.0 SURVEY AREA

The survey was flown in the James Bay Lowlands of Ontario. The generally rectangular area is contained within the following geographical coordinates:

52° 51.270' Lat , 83° 55.979' Long
and 52° 55.607' Lat , 83° 48.083' Long

The location of the survey, within the above area is shown in figure 1.



SCALE 1:750,000

FIGURE 1 - SURVEY LOCATION MAP

A handwritten signature or set of initials, possibly "JL", written in black ink.

3.0 AIRCRAFT AND EQUIPMENT

3.1 Aircraft

Type: Helicopter from Abitibi Helicopters

Model: Bell 206B Long Ranger

3.2 Airborne Geophysical System

3.2.1 Magnetometer

A Scintrex H-8 Optically Pumped Cesium Split Beam Sensor, mounted in the nose of a bird towed 23m the helicopter, measured variations of the magnetic field with a resolution of 0.01nT at a sample rate of 10 records/second .

3.2.2 Altimeter

A Sperry 220 radar altimeter was used to measure the terrain clearance of the helicopter.

3.2.3 Navigation System

A Magnavox 4200-D GPS system was mounted on the towed bird. Navigation was guided by raw GPS, with flight path recovery achieved by post-flight differentially corrected GPS (which under ideal conditions can provide a coordinate accuracy of 3-5m).

3.2.4 Digital Recorder

A PDAS 1000 digital data system was used to record the magnetometer, altimeter and GPS output in digital form.

3.2.5 Analog Recorder

A RMS GR-33 dot matrix analog recorder was used to record magnetometer, altimeter, time/fiducial and calculated 4th difference profile as a magnetometer noise monitor.

3.2.6 Tracking Camera

A Sony camera and Panasonic VCR were used to record the terrain beneath the helicopter. The recorded video image was overprinted with the time reference of the analog and digital data for cross reference purposes.

3.3 Ground Monitoring System

A base station was established at Spider Camp.

3.3.1 Magnetometer

The base station employed an EDA proton magnetometer to record the diurnal variations of the Earth's magnetic field. The output was displayed graphically on a laptop computer and recorded digitally with a GPS time stamp.

3.3.2 GPS Monitor

The base station also used a Novatel 951 ten channel GPS receiver with a fixed antenna. Raw satellite data was digitally recorded on a laptop computer to enable differential correction of the corresponding airborne data.

3.4 Field Processing System

A 486 computer and Panasonic B/W printer were used during preliminary field processing. Using the base station time-indexed mag and GPS, the airborne data was differentially corrected using processing software developed by High-Sense Geophysics on the 486 PC. The corrected magnetic data was plotted as contours along with the corrected flight path and faxed to KWG Resources office in Toronto for immediate interpretation. The differentially corrected data was archived on data tape and sent to KWG Resources in Toronto. Details of data compilation can be found in section 6 of this report.

4.0 PERSONNEL

Pilot	: Claude Dion (Abitibi Helicopters)
High Sense data processor	: Yvonne Renes

5.0 SURVEY PARAMETERS

Traverse Line spacing	: 100 metres
Control Line spacing	: 2 control lines for the block
Nominal Terrain clearance	: 30 metres (100 feet) sensor height
	: 45 metres (148 feet) aircraft height
Navigation	: Global Positioning System
Traverse Line direction	: UTM grid North-South
Control Line direction	: UTM grid East-West
Measurement interval	: 0.1 sec

Airspeed (nominal)	: 120 km/hour (75 miles/hour)
Measurement spacing (nominal)	: 3.3 m
Airborne Digital Record	: Radar Altimeter Total Field Magnetics Time (Local and GPS) Raw Global Positioning System (GPS) data

6.0 COMPILATION

6.1 Flight Path Correction

The GPS data was differentially corrected to remove errors introduced by the ‘selective availability’, an intentional accuracy degradation method introduced by the military. The correction process uses the known fixed location of the base station to calculate the error associated with each satellite. These errors are then removed from the survey GPS data enabling a position to be determined with an accuracy in the order of 5m, with four or more satellites in view.

The navigational correction process yields a flight path expressed in WGS 84 Latitude-Longitude coordinates. Transformation to local NAD 27 UTM coordinates used the following projection parameters:

	Semi-major axis - a (m)	Flattening -f
WGS 84	6378137.0	298.25723563
Clarke 1866 (NAD27)	6378206.4	294.9786982

Local datum shift applied (m):

ΔX	:	22
ΔY	:	-160
ΔZ	:	-190

UTM central meridian: 87° W (Zone 16)

6.2 Magnetic Corrections

Magnetic variations measured at the base station were subtracted from the airborne profiles. The cesium sensor has an inherent heading error of up to 2 nT that is a function of the orientation of the sensor relative to the magnetic field direction. This error typically produces an apparent level shift on alternate line headings. To remove this

error and supplement the base station subtraction process, the control line flown across the survey block was used to provide final adjustments.

6.3 Map Products

Flight path and contoured magnetic field data were plotted using a 486 PC computer and a Hewlett Packard 650c Design Jet colour plotter at KWG's Toronto office.

Flight path was plotted with ticks every 10th fiducial and annotations every 100th fiducial. Total magnetic field was gridded at a 10m interval using Akima's bicubic spline algorithm and contoured at an interval of 10nT. Using OGS photomaps, with a UTM coordinate grid superimposed, drainage was digitized and plotted with the contoured magnetic field and flightpath as an overlay. Also represented in the compilation are claims staked by KWG Resources Inc., within and around the survey. The data is presented at 1: 15,000 scale and included in this report..

7.0 Claims

Claims within or around the survey area, intended for consideration in assessment filing are listed as appendix I. The position of each claim is represented in the map that accompanies this report.

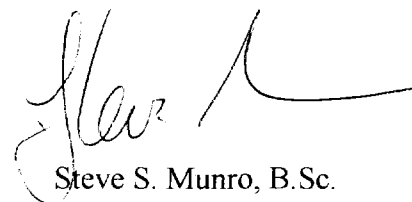
8.0 INTERPRETATION AND RECOMMENDATIONS

The total magnetic field map shows two very prominent singular anomalies, possibly indicating two shallow, intrusives. These are on ground held by Monopros Ltd. and are, in fact, drill-identified kimberlites. There is a third anomaly between the two Monopros kimberlites, just south of claim number 1190444. This anomaly is less intense, indicating a much deeper source. It is recommended that this anomaly be followed up with ground magnetics and modeled for size and depth. A single diamond drill hole should then be drilled to test the source of this anomaly.

CERTIFICATE OF QUALIFICATIONS

I, Steve S. Munro, do hereby certify:

1. that I am an exploration geophysicist, specializing in computer processing and interpretation, and reside at 614 Bayfield Street in the town of Pickering, Ontario;
2. that I am a graduate of the Physics Specialist program at the University of Toronto, Toronto Ontario and hold an honours Bachelor of Science degree as a geophysicist, dated June 9, 1992;
3. that I have been engaged in the practice of this profession since graduation;
4. that I have visited the subject area and have reviewed all the magnetic survey data mentioned herein.



Steve S. Munro, B.Sc.
August 21, 1996

APPENDIX I - LIST OF CLAIMS

Township	Claim No	Recording Date	Due Date	Claim Status	# of Units	Area (Ha)	Work Required	Work Applied	Total Reserve
BMA 527834	1189377	24-Aug-92	24-Aug-00	A	12	192	\$ 1,327	\$ 32,273	\$ -
	1190403	02-Sep-92	02-Sep-97	A	9	144	\$ 3,600	\$ 10,800	\$ -
	1190404	24-Aug-92	24-Aug-96	A	16	256	\$ 6,400	\$ 12,800	\$ -
	1190455	24-Aug-92	24-Aug-96	A	16	256	\$ 6,400	\$ 12,800	\$ -
BMA 528834	1190414	02-Sep-92	02-Sep-96	A	16	256	\$ 6,400	\$ 12,800	\$ -
	1190440	02-Sep-92	02-Sep-96	A	3	48	\$ 1,200	\$ 2,400	\$ -
	1190443	02-Sep-92	02-Sep-96	A	13	208	\$ 5,200	\$ 10,400	\$ -
	1190444	02-Sep-92	02-Sep-96	A	16	256	\$ 6,400	\$ 12,800	\$ -
	1190445	02-Sep-92	02-Sep-96	A	16	256	\$ 6,400	\$ 12,800	\$ -
	1190454	24-Aug-92	24-Aug-96	A	16	256	\$ 6,400	\$ 12,800	\$ -
	1190893	16-Sep-92	16-Sep-96	A	3	48	\$ 1,200	\$ 2,400	\$ -
	1190894	16-Sep-92	16-Sep-97	A	3	48	\$ 1,200	\$ 3,600	\$ -

Report of Work Conducted After Recording Claim

Transaction Number
 W9660.00516

Mining Act

AMENDED

Some information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 5A5, telephone (705) 670-7264.

2.16825

- Instructions:
- Refer to the Mining Act and Regulatory Recorder.
 - A separate copy of this form must be
 - Technical reports and maps must accompany



900

Recorded Holder(s) KWG Resources Inc	Client No. 224701
Address #1000-350 Bay St, Toronto Ontario, M5H 2S6	Telephone No. (416) 869-0626
Mining Division Porcupine	M or G Plan No. BMA 528834
Township/Area Attawapiskat	
Date Work Performed From: Aug 28 th , 1994	To: Sept 17 th , 1994

Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	Helicopter-borne magnetic Survey
<input type="checkbox"/> Physical Work, Including Drilling	
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

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Total Assessment Work Claimed on the Attached Statement of Costs \$ 23,750

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
Hi Sense Geophysics	47 Jefferson Ave, Toronto, Ontario

(Attach a schedule if necessary)

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

Certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest of the current recorded holder.

Date	Recorded Holder or Agent (Signature)
Oct 15/96	[Signature]

Verification of Work Report

Certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying

Steve Munro, 614 Bayfield St. Pickering, Ont

Phone No.	Date	Certified By (Signature)
905-831-2137	Aug 21/96	[Signature]

Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
23,750.		Undated Ray White	
	Deemed Approval Date	Date Approved	
	Nov-20/96	NOTICATED	
	Date Notice for Amendments Sent		
			AUG 22 1996



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des mines

**Statement of Costs
for Assessment Credit**

**État des coûts aux fins
du crédit d'évaluation**

Mining Act/Loi sur les mines

Transaction No./N° de transaction

W9660.00516

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

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

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type		
	Airborne Geophysical Survey	\$23,750	
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		

**Total Direct Costs
Total des coûts directs**

2. Indirect Costs/Coûts indirects

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

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			

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**Sub Total of Indirect Costs
Total partiel des coûts indirects**

**Amount Allowable (not greater than 20% of Direct Costs)
Montant admissible (n'excédant pas 20 % des coûts directs)**

**Total Value of Assessment Credit
(Total of Direct and Allowable
Indirect costs)** **Valeur totale du crédit
d'évaluation
(Total des coûts directs
et indirects admissibles)**

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

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

Filing Discounts

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

Total Value of Assessment Credit	Total Assessment Claimed
x 0.50 =	

Remises pour dépôt

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

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

Certification Verifying Statement of Costs

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

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

to make this certification

Attestation de l'état des coûts

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

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

à faire cette attestation.

Signature _____ Date Aug 21/96

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines



November 25, 1996

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

Gary White
Mining Recorder
60 Wilson Avenue, 1st Floor
Timmins, ON
P4N 2S7

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

Dear Sir or Madam:

Submission Number: 2.16825

Subject: Transaction Number(s): W9660.00516

After reviewing the Work Report(s) we have prepared this letter and the attached summary, which lists the results of our review. Requirements of the Assessment Work Regulation may not have been fully met. Please examine the summary to determine the next course of action concerning the identified Work Report(s).

NOTE: The 90 day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, is no longer in effect for this submission.

PLEASE NOTE ANY REQUESTED REVISIONS MUST BE SUBMITTED IN DUPLICATE.

If the anniversary dates for the mining claims affected by this correspondence have not passed, a number of options are available. Please contact the Mining Recorder to discuss these options.

If you have any questions regarding this correspondence, please contact Bruce Gates at (705) 670-5856.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Ron C. Gashinski".

ORIGINAL SIGNED BY
Ron C. Gashinski
Senior Manager, Mining Lands Section
Mines and Minerals Division

Work Report Assessment Results

Submission Number: 2.16825

Date Correspondence Sent: November 25, 1996

Assessor: Bruce Gates

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9660.00516	1190455	ATTAWAPISKAT	Approval After Notice	November 25, 1996

Section:

15 Airborne Geophy AMAG

We have received your letter of November 18, 1996 from Mr. Steve Munro accepting the credit reduction, as outlined in the 45 Day Notice of November 4, 1996.

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

Correspondence to:

Mining Recorder
Timmins, ON

Resident Geologist
Timmins, ON

Assessment Files Library
Sudbury, ON

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

Steve Munro
PICKERING, ONTARIO, CANADA

RESSOURCES KWG INC.
TORONTO, ONTARIO

Distribution of Assessment Work Credit

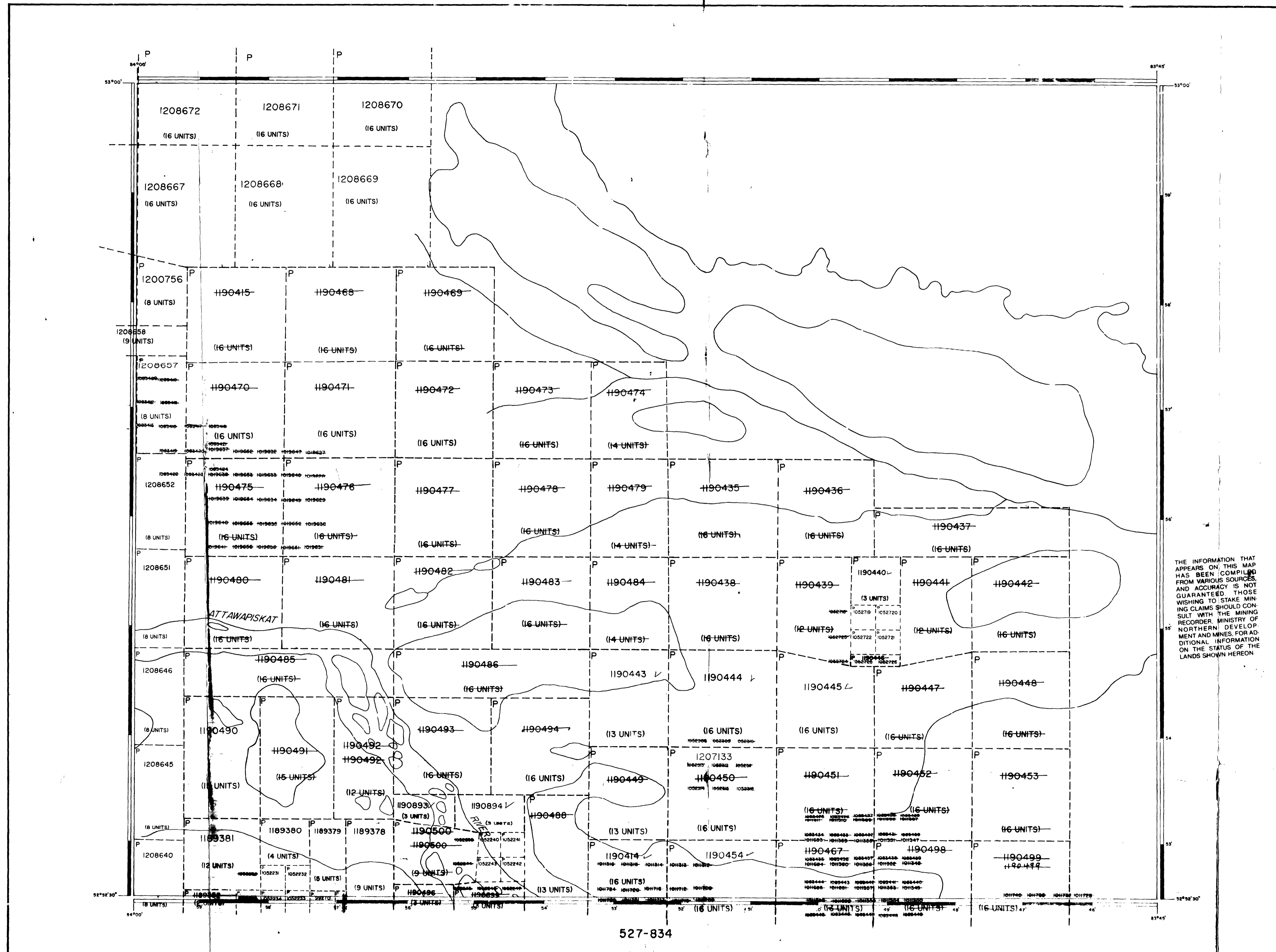
The following credit distribution reflects the value of assessment work performed on the mining land(s). Please contact the Mining Recorder to determine if this affects the status of your claims.

Date: November 25, 1996

Submission Number: 2.16825

Transaction Number: W9660.00516

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1190455	1,573.00
1190414	1,400.00
1190454	1,591.00
1190403	915.00
1189377	996.00
1190404	1,036.00
1190440	418.00
1190443	268.00
1190444	882.00
1190445	1,405.00
1190893	218.00
1190894	486.00
Total: \$	11,188.00



LEGEND

HIGHWAY AND ROUTE No.

OTHER ROADS

TRAILS

SURVEYED LINES: TOWNSHIPS, BASE LINES, FT., 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 6 1812, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 62, SUBSEC. 1

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 2000

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY

S.R.O. - SURFACE RIGHTS ONLY

M.P.S. - MINING AND SURFACE RIGHTS

Description Order No. Disposition File

2.16825

RECEIVED DECEMBER 1, 1987

AREA

528-834

M.N.R. ADMINISTRATIVE DISTRICT

MOOSONEE W 9660.005/6

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

KENORA/PATRICIA PORTION

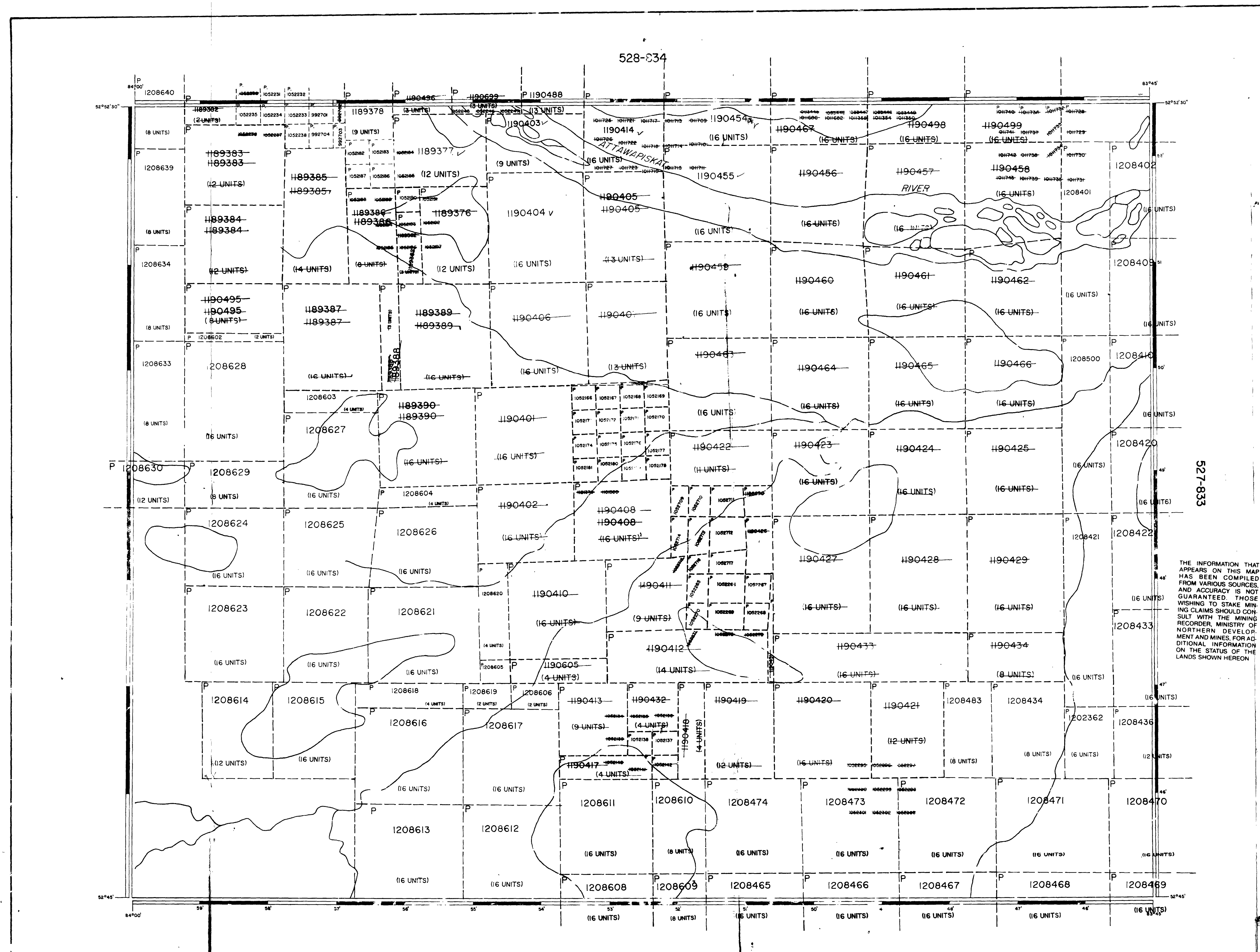
Ministry of Natural Resources Ministry of Northern Development and Mines

Date NOVEMBER 7/1987 Number G-1252

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

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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 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 43, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 2000

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

RECEIVED DECEMBER 1, 1987

AREA

527-834

M.C.A. ADMINISTRATIVE DISTRICT
MOOSONEE
MINING DIVISION
FORCUNE 16825
LAND TITLES REGISTRY DIVISION
KENORA/PATRICIA PORTION

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OCT 30 1986
MINING LANDS BRANCH

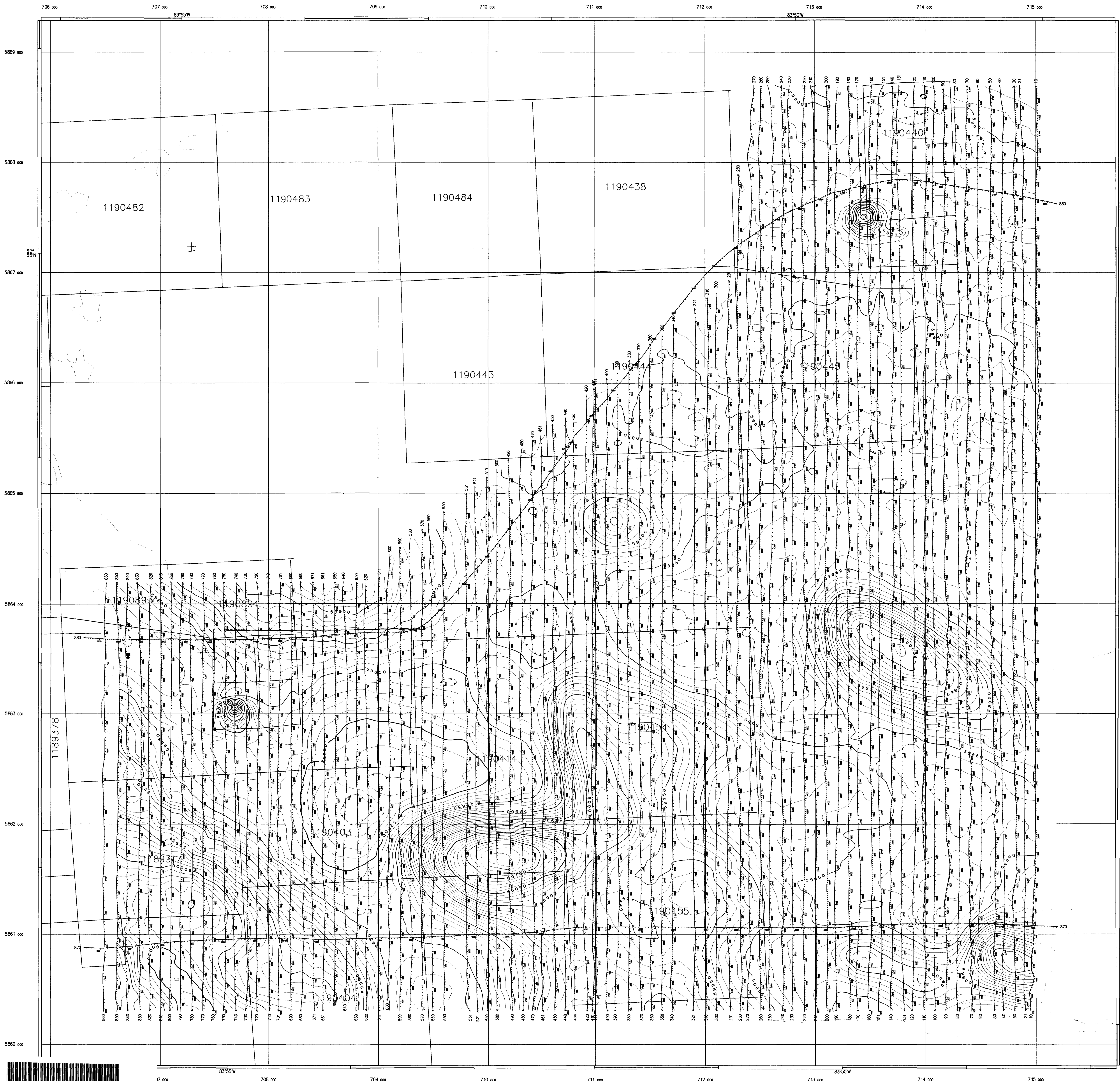
Ministry of Natural Resources Ontario

Ministry of Northern Development and Mines

Date: NOVEMBER/87

Number: **G-1253**

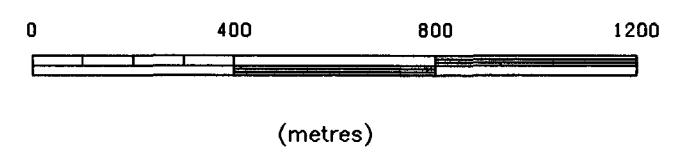
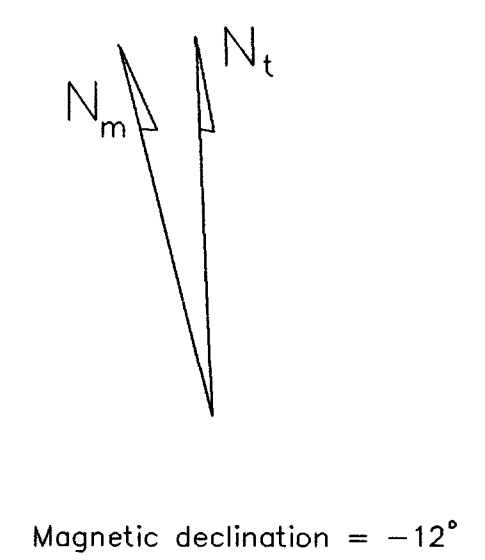
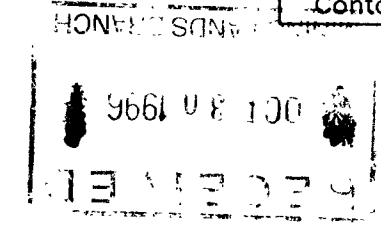




SURVEY SPECIFICATIONS
 Sensor Elevation: 30m Mean Terrain Clearance
 Line Spacing: 100m

EQUIPMENT
 Aircraft: Bell 206B Long Ranger
 Magnetometer: Scintrex Optically Pumped Cesium
 Altimeter: Sperry 220
 Navigation: Magnavox 4200-D GPS

COMPILATION
 Flight Path: Differential GPS, corrected and transformed to NAD-27 UTM coordinate system
 Magnetics: Diurnal corrected with reference to base station and control lines, with supplemental micro-levelling
 Grid Interval: 10m
 Contour Interval: 10, 50, 250 nT



KWG RESOURCES LTD
SPIDER 1 PROJECT - JAMES BAY LOWLANDS
TOTAL MAGNETIC FIELD

Scale: 1:15,000 Date Flown: Sept / 94
 Area: D-39 Date Compiled: Sept / 94
 Survey flown and compiled by High-Sense Geophysics Ltd

