Report

on a

Helicopter Magnetic Survey

of the

Ncentre Claim Block

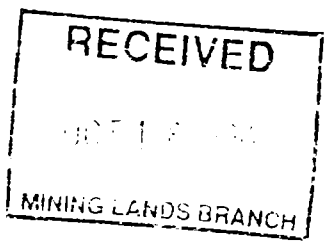
in the

James Bay Lowlands

by

KWG

September 1992



prepared June 20 / 1994

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1. Introduction:

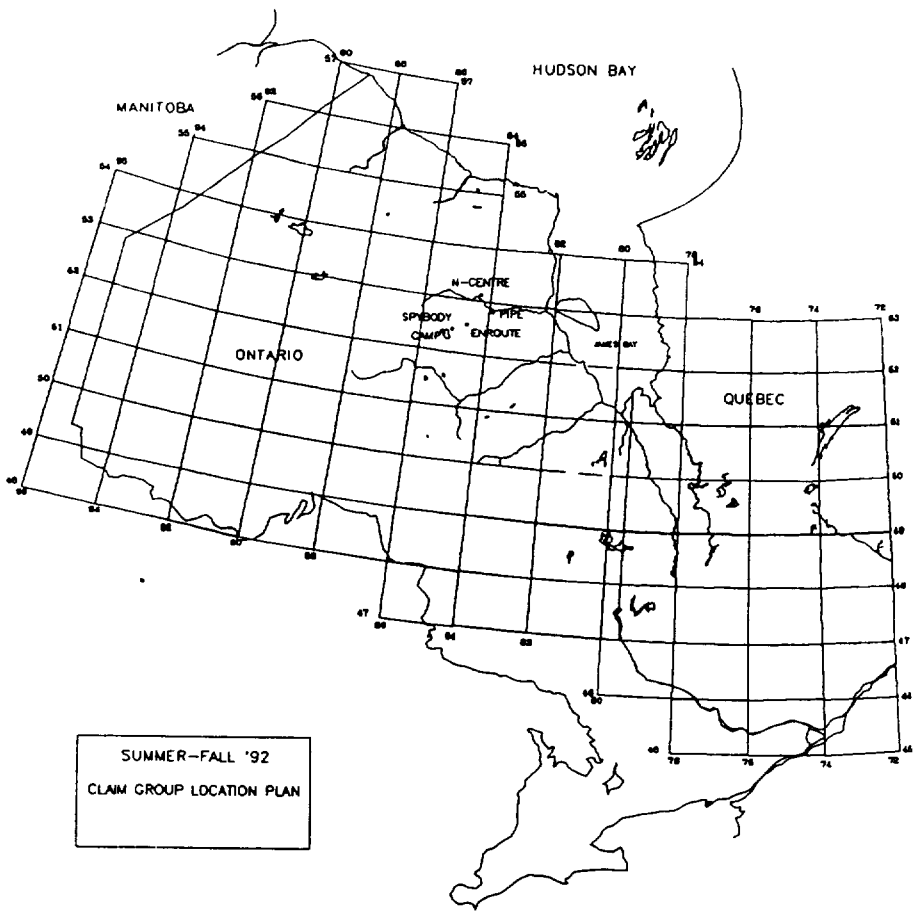
In July 1992 a field camp was established on the west shore of Missisa Lake and a reconnaissance geological investigation initiated. The investigation program, including staking, was guided by the regional aeromagnetic data published by the Geological Survey of Canada in combination with geological reports and information from prior work in the area.

Prior to leaving the area for the season, and in preparation for further exploration, a helicopter magnetometer system was contracted from Urquhart Dvorak Ltd to collect representative blocks of detailed aeromagnetic survey. During the month of September 1992 a number of small survey blocks were flown on and adjacent to the properties acquired by staking and the data was subsequently processed into contour map form and evaluated. This report presents and discusses the results of this aeromagnetic program.

2. Survey Area:

The "Ncentre" survey block area is located in the vicinity of Missisa Lake in the James Bay Lowlands of Northern Ontario as presented on the index map below. The detailed location of the survey with coordinates, planimetry and claims is presented together with the flight path and aeromagnetic contours on the map accompanying this report.

The Archean basement rocks are in general overlain by sedimentary rock, predominantly limestone. The thickness of the limestone cover is variable but in the vicinity of the project area is believed to be several hundred metres thick. The published aeromagnetic maps indicate magnetic anomalies that are probably associated with underlying mafic volcanics and the area is considered generally prospective for gold, massive sulphides and kimberlite.



3. Claims:

The block of KWG "Ncentre" claim block associated with this airborne survey consists of 800 claim units; the associated claim numbers are tabulated below.

claim	#of Units
1190624	16
1190625	16
1190626	16
1190627	16
1190628	16
1190629	16
1190630	16
1190631	16
1190637	16
1190638	16
1190639	16
1190640	16
1190646	16
1190647	16
1190648	16
1190649	16
1190655	16
1190656	16
1190657	16
1190658	16
1190662	16
1190663	16
1190664	16
1190601	12
1190666	16
1190667	16
1190668	16
1186689	15
1190604	5
1190606	16
1190607	16
1190670	16
1190671	16
1190672	16
1190603	16
1190608	16
1190609	16
1190610	16
1190611	16
1190612	16
1190613	16
1190614	16
1190808	16
1190616	16
1190617	16
1190618	16
1190619	16
1190620	16
1190621	16
1190622	16
1190623	16
	800

4. Flight Specifications:

Flight lines were flown at a nominal spacing of 100 metres on a north/south heading. Navigation and path recovery were based on a GPS navigation system. The helicopter was flown at a terrain clearance of 70 metres with the magnetic sensor towed 30 metres below at a nominal terrain clearance of 40 metres.

A total of 188 line kilometres of data, covering an area of 17 square kilometres was collected and compiled.

5. Survey Crew and Equipment:

Urquhart Dvorak Limited was contracted to provide equipment and technical services as needed to carry out the airborne survey. The survey areas and field operations were supervised by KWG , both on site and from the Scarborough exploration office.

5.1 Crew:

Airborne survey operator/navigator/technician	: Rolf Eichmanis
Field geophysicist and computer processor	: Tim Eby

5.2 Equipment:

Magnetometer: A Scintrex H-8 cesium sensor, installed in a bird towed 30 m. beneath the helicopter, measured variations of the magnetic field with a resolution of 0.01 nT at a sample rate of 10/second.

Radar Altimeter: A Sperry 220 radar altimeter recorded the ground clearance of the helicopter.

GPS : A Magnavox 4200-D GPS system was used with the antenna mounted on the towed bird. Real time raw positional information was used for navigation, post flight differential corrections were applied for final positioning.

Navigation: A PNAV 2001 navigation console coupled to the GPS receiver provided steering information during flight.

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

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 digital data for cross reference purposes.

Magnetic Base Station: An Scintrex proton magnetometer was used to record the diurnal variations of the earth's magnetic field. The output was recorded digitally on a laptop computer with a GPS time stamp.

GPS Base Station: A Magnavox 4200-D, 6 channel GPS receiver recorded raw satellite information on a laptop computer.

Data Processing Facility: A 386 PC with HP paint jet printer and Geopak software system was used to process the collected survey information.

6. Data Compilation:

6.1 Flight Path:

After the installation of the GPS base station, data was collected for a 12 hour period and a calculation of the coordinates of the antenna location computed. Following each flight the collected airborne and ground GPS data files were differentially corrected. The error associated with each satellite is calculated on the basis that the base receiver is stationary at the above coordinate. These measured errors are then removed from the helicopters GPS data prior to calculating its location. By this procedure the location of the antenna on towed bird is measured to an accuracy of about 5 metres.

The differentially corrected GPS data was output as a coordinate with a GPS time. The PDAS 1000 data acquisition system was designed to maintain its internal clock in synchronization with GPS time by continuously monitoring a GPS clock pulse provided by the Magnavox receiver. On occasion this synchronization was lost and a time slip of an integer second was introduced. These time slips were manually identified and corrected in the digital data files.

6.2 Magnetic Diurnal Correction:

The digitally recorded magnetic base station variations were subtracted from the airborne profiles.

6.3 Grid and Contour:

The corrected magnetic profile data was gridded at a 20 metre interval using Akima's bicubic spline algorithm. The gridded data set was then contoured at 25 nT intervals as appropriate for presentation.

6.4 Map Presentation:

A map at a scale of 1:50,000 was produced and presents the following information:

- Flight Path with camera fiducials
- Corrected aeromagnetic contours at 25 nT intervals
- Claim boundaries and claim numbers
- Rivers. lakes and other topographic features
- Latitude and Longitude reference coordinates

7. Interpretation and Recommendations:

The aeromagnetic data indicates a general trend in a NW/SE direction. The isolated anomaly of about 100 nT amplitude on claim 1190604 is estimated to occur at a depth in the order of 200 to 300 metres. It is suggestive of an isolated mafic intrusive and warrants more detailed geophysical investigation. Extension of detailed aeromagnetic coverage over the remainder of the "Ncentre" property is also recommended.

Respectfully submitted,

Qual. # 2.4871

R.L. Scott Hogg P. Eng.
June 20 / 1994

REGISTERED PROFESSIONAL ENGINEER
R. L. S. HOGG
PROVINCE OF ONTARIO

020

Report

2.15628

on a

Helicopter Magnetic Survey

of the

Camp Claim Block

in the

James Bay Lowlands

by

KWG

September 1992

prepared June 20 / 1994

Table of Contents

1. Introduction:

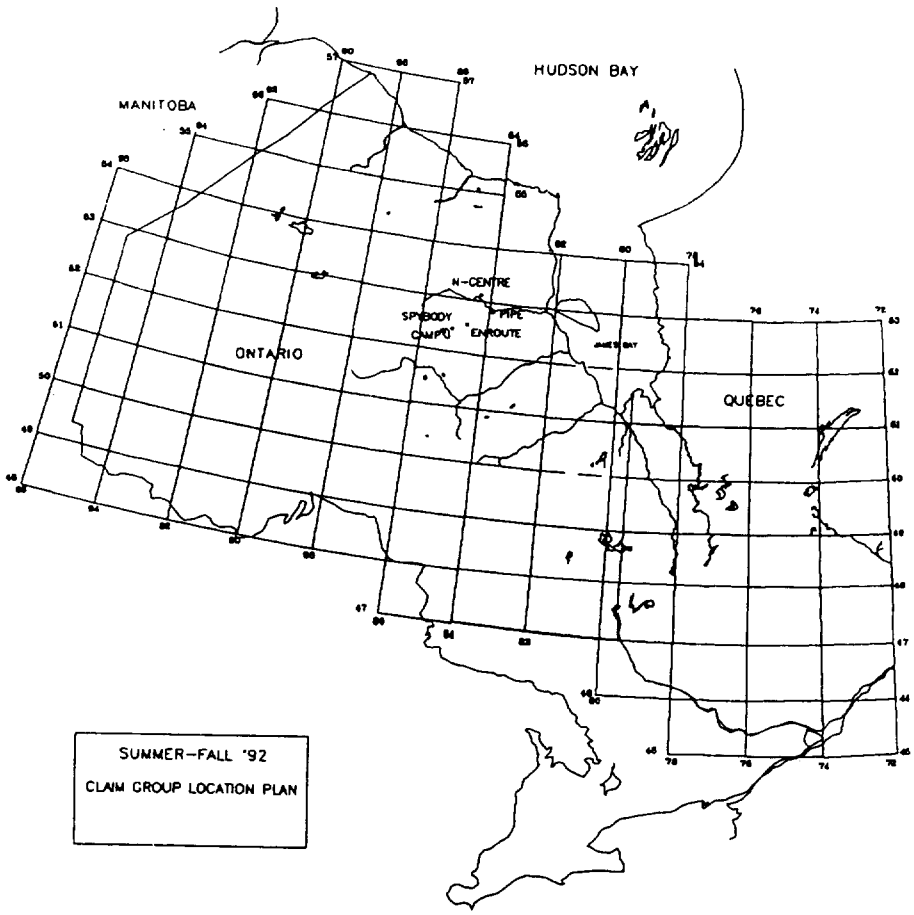
In July 1992 a field camp was established on the west shore of Missisa Lake and a reconnaissance geological investigation initiated. The investigation program, including staking, was guided by the regional aeromagnetic data published by the Geological Survey of Canada in combination with geological reports and information from prior work in the area.

Prior to leaving the area for the season, and in preparation for further exploration, a helicopter magnetometer system was contracted from Urquhart Dvorak Ltd to collect representative blocks of detailed aeromagnetic survey. During the month of September 1992 a number of small survey blocks were flown on and adjacent to the properties acquired by staking and the data was subsequently processed into contour map form and evaluated. This report presents and discusses the results of this aeromagnetic program.

2. Survey Area:

The "Camp" survey block area is located in the vicinity of Missisa Lake in the James Bay Lowlands of Northern Ontario as presented on the index map below. The detailed location of the survey with coordinates, planimetry and claims is presented together with the flight path and aeromagnetic contours on the map accompanying this report.

The Archean basement rocks are in general overlain by sedimentary rock, predominantly limestone. The thickness of the limestone cover is variable but in the vicinity of the project area is believed to be several hundred metres thick. The published aeromagnetic maps indicate magnetic anomalies that are probably associated with underlying mafic volcanics and the area is considered generally prospective for gold, massive sulphides and kimberlite.



3. Claims:

The block of KWG "Camp" claim block associated with this airborne survey consists of 256 claim units; the associated claim numbers are tabulated below.

Camp	
Claim	# of Units
1190682	16
1190681	16
1190679	16
1190680	16
1190678	16
1190677	16
1190675	16
1190676	16
1190674	16
1190673	16
1190805	16
1190806	16
1190804	16
1190803	16
1190801	16
1190802	16
	256

4. Flight Specifications:

Flight lines were flown at a nominal spacing of 100 metres on a north/south heading. Navigation and path recovery were based on a GPS navigation system. The helicopter was flown at a terrain clearance of 70 metres with the magnetic sensor towed 30 metres below at a nominal terrain clearance of 40 metres.

A total of 102 line kilometres of data was collected and compiled.

5. Survey Crew and Equipment:

Urquhart Dvorak Limited was contracted to provide equipment and technical services as needed to carry out the airborne survey. The survey areas and field operations were supervised by KWG , both on site and from the Scarborough exploration office.

5.1 Crew:

Airborne survey operator/navigator/technician	: Rolf Eichmanis
Field geophysicist and computer processor	: Tim Eby

5.2 Equipment:

Magnetometer: A Scintrex H-8 cesium sensor, installed in a bird towed 30 m. beneath the helicopter, measured variations of the magnetic field with a resolution of 0.01 nT at a sample rate of 10/second.

Radar Altimeter: A Sperry 220 radar altimeter recorded the ground clearance of the helicopter.

GPS : A Magnavox 4200-D GPS system was used with the antenna mounted on the towed bird. Real time raw positional information was used for navigation, post flight differential corrections were applied for final positioning.

Navigation: A PNAV 2001 navigation console coupled to the GPS receiver provided steering information during flight.

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

Tracking Camera: A Sony camera and Panasonic VCR were used to record the terrain beneath the helicopter. The recorded video image was

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 digital data for cross reference purposes.

Magnetic Base Station: An Scintrex proton magnetometer was used to record the diurnal variations of the earth's magnetic field. The output was recorded digitally on a laptop computer with a GPS time stamp.

GPS Base Station: A Magnavox 4200-D, 6 channel GPS receiver recorded raw satellite information on a laptop computer.

Data Processing Facility: A 386 PC with HP paint jet printer and Geopak software system was used to process the collected survey information.

6. Data Compilation:

6.1 Flight Path:

After the installation of the GPS base station, data was collected for a 12 hour period and a calculation of the coordinates of the antenna location computed. Following each flight the collected airborne and ground GPS data files were differentially corrected. The error associated with each satellite is calculated on the basis that the base receiver is stationary at the above coordinate. These measured errors are then removed from the helicopters GPS data prior to calculating its location. By this procedure the location of the antenna on towed bird is measured to an accuracy of about 5 metres.

The differentially corrected GPS data was output as a coordinate with a GPS time. The PDAS 1000 data acquisition system was designed to maintain its internal clock in synchronization with GPS time by continuously monitoring a GPS clock pulse provided by the Magnavox receiver. On occasion this synchronization was lost and a time slip of an integer second was introduced. These time slips were manually identified and corrected in the digital data files.

6.2 Magnetic Diurnal Correction:

The digitally recorded magnetic base station variations were subtracted from the airborne profiles.

6.3 Grid and Contour:

The corrected magnetic profile data was gridded at a 20 metre interval using Akima's bicubic spline algorithm. The gridded data set was then contoured at 25 nT intervals as appropriate for presentation.

6.4 Map Presentation:

A map at a scale of 1:25,000 was produced and presents the following information:

- Flight Path with camera fiducials
- Corrected aeromagnetic contours at 25 nT intervals
- Claim boundaries and claim numbers
- Rivers. lakes and other topographic features
- Latitude and Longitude reference coordinates

7. Interpretation and Recommendations:

The aeromagnetic data indicates variations of about 50 nT amplitude without clear anomaly or trend development. This magnetic pattern is consistent with minor magnetic variations within magnetic basement rocks several hundred metres below surface. No further investigation is warranted on the basis of the aeromagnetic results although extended coverage over the remainder of the "Camp" property should be considered.

Respectfully submitted,

R.L. Scott Hogg, P.Eng.
June 20 / 1994

R. L. S. HOGG
REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

Qual. 2.4871

Report

on a

Helicopter Magnetic Survey

of the

NXV Claim Block

in the

James Bay Lowlands

by

KWG

September 1992

prepared June 20 / 1994

Table of Contents

1. Introduction:

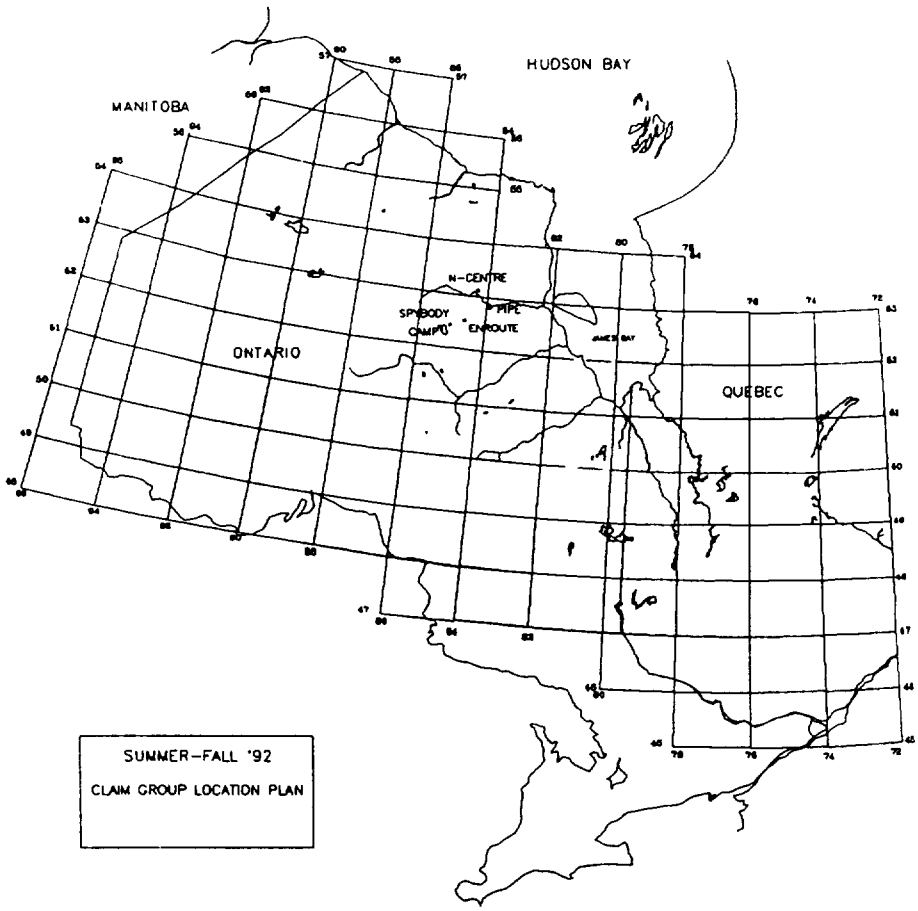
In July 1992 a field camp was established on the west shore of Missisa Lake and a reconnaissance geological investigation initiated. The investigation program, including staking, was guided by the regional aeromagnetic data published by the Geological Survey of Canada in combination with geological reports and information from prior work in the area.

Prior to leaving the area for the season, and in preparation for further exploration, a helicopter magnetometer system was contracted from Urquhart Dvorak Ltd to collect representative blocks of detailed aeromagnetic survey. During the month of September 1992 a number of small survey blocks were flown on and adjacent to the properties acquired by staking and the data was subsequently processed into contour map form and evaluated. This report presents and discusses the results of this aeromagnetic program.

2. Survey Area:

The "NXV" survey block area is located in the vicinity of Missisa Lake in the James Bay Lowlands of Northern Ontario as presented on the index map below. The detailed location of the survey with coordinates, planimetry and claims is presented together with the flight path and aeromagnetic contours on the map accompanying this report.

The Archean basement rocks are in general overlain by sedimentary rock, predominantly limestone. The thickness of the limestone cover is variable but in the vicinity of the project area is believed to be several hundred metres thick. The published aeromagnetic maps indicate magnetic anomalies that are probably associated with underlying mafic volcanics and the area is considered generally prospective for gold, massive sulphides and kimberlite.



3. Claims:

The KWG "NXV" claim block associated with this airborne survey consists of the following claims whose numbers are tabulated below.

Claim #	# of Units
1186690	2.19
1189362	3
1189376	12
1189377	12
1189378	9
1189379	4.5
1189380	4
1189381	12
1189382	2
1189383	12
1189384	12
1189385	13.75
1189386	8
1189387	16
1189388	3
1189389	16
1189390	16
1190401	16
1190402	16
1190403	8
1190404	16
1190405	13
1190406	16
1190407	13
1190408	16
1190410	16
1190411	9
1190412	14
1190413	9
1190414	16
1190415	16
1190417	4
1190418	4
1190419	12
1190420	16
1190421	12
1190422	11.25
1190423	16
1190424	16
1190425	16
1190426	3.12
1190427	16
1190428	16
1190429	16
1190431	0.81
1190432	4
1190433	16
1190434	8
1190435	16
1190436	16
1190437	16
1190439	16
1190440	3
1190441	12
1190442	16
1190443	13
1190444	16
1190445	16
1190446	1
1190447	16
1190448	16
1190449	13
1190450	16
1190451	16
1190452	16
1190453	16
1190454	16
1190455	16
1190456	16
1190457	16
1190458	16
1190459	16
1190460	16
1190461	16
1190462	16
1190463	16
1190464	16
1190465	16
1190466	16
1190467	16
1190468	16
1190469	16
1190470	16
1190471	16
1190472	16
1190473	16
1190474	14
1190475	16
1190476	16
1190477	16
1190478	16
1190479	14
1190480	16
1190481	16
1190482	16
1190483	16
1190484	14
1190485	16
1190486	16
1190488	13
1190490	15
1190491	15
1190492	12
1190493	16
1190494	16
1190495	8
1190496	2.5
1190498	16
1190499	16
1190500	8.75
1190605	4
1190699	3
1190893	2.5
1190894	2.5
	1460.87

4. Flight Specifications:

Flight lines were flown at a nominal spacing of 100 metres on a north/south heading. Navigation and path recovery were based on a GPS navigation system. The helicopter was flown at a terrain clearance of 70 metres with the magnetic sensor towed 30 metres below at a nominal terrain clearance of 40 metres.

A total of 948 line kilometres of data was collected and compiled.

5. Survey Crew and Equipment:

Urquhart Dvorak Limited was contracted to provide equipment and technical services as needed to carry out the airborne survey. The survey areas and field operations were supervised by KWG , both on site and from the Scarborough exploration office.

5.1 Crew:

Airborne survey operator/navigator/technician	: Rolf Eichmanis
Field geophysicist and computer processor	: Tim Eby

5.2 Equipment:

Magnetometer: A Scintrex H-8 cesium sensor, installed in a bird towed 30 m. beneath the helicopter, measured variations of the magnetic field with a resolution of 0.01 nT at a sample rate of 10/second.

Radar Altimeter: A Sperry 220 radar altimeter recorded the ground clearance of the helicopter.

GPS : A Magnavox 4200-D GPS system was used with the antenna mounted on the towed bird. Real time raw positional information was used for navigation, post flight differential corrections were applied for final positioning.

Navigation: A PNAV 2001 navigation console coupled to the GPS receiver provided steering information during flight.

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

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 digital data for cross reference purposes.

Magnetic Base Station: An Scintrex proton magnetometer was used to record the diurnal variations of the earth's magnetic field. The output was recorded digitally on a laptop computer with a GPS time stamp.

GPS Base Station: A Magnavox 4200-D, 6 channel GPS receiver recorded raw satellite information on a laptop computer.

Data Processing Facility: A 386 PC with HP paint jet printer and Geopak software system was used to process the collected survey information.

6. Data Compilation:

6.1 Flight Path:

After the installation of the GPS base station, data was collected for a 12 hour period and a calculation of the coordinates of the antenna location computed. Following each flight the collected airborne and ground GPS data files were differentially corrected. The error associated with each satellite is calculated on the basis that the base receiver is stationary at the above coordinate. These measured errors are then removed from the helicopters GPS data prior to calculating its location. By this procedure the location of the antenna on towed bird is measured to an accuracy of about 5 metres.

The differentially corrected GPS data was output as a coordinate with a GPS time. The PDAS 1000 data acquisition system was designed to maintain its internal clock in synchronization with GPS time by continuously monitoring a GPS clock pulse provided by the Magnavox receiver. On occasion this synchronization was lost and a time slip of an integer second was introduced. These time slips were manually identified and corrected in the digital data files.

6.2 Magnetic Diurnal Correction:

The digitally recorded magnetic base station variations were subtracted from the airborne profiles.

6.3 Grid and Contour:

The corrected magnetic profile data was gridded at a 20 metre interval using Akima's bicubic spline algorithm. The gridded data set was then contoured at 25 nT intervals as appropriate for presentation.

6.4 Map Presentation:

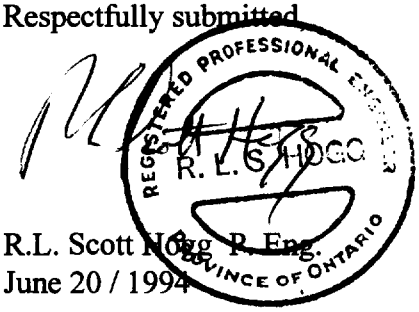
A map at a scale of 1:50,000 was produced and presents the following information:

- Flight Path with camera fiducials
- Corrected aeromagnetic contours at 25 nT intervals
- Claim boundaries and claim numbers
- Rivers. lakes and other topographic features
- Latitude and Longitude reference coordinates

7. Interpretation and Recommendations:

In the south-central and northwestern sectors of the aeromagnetic survey, broad magnetic anomalies of several hundred nT are noted. These variations are attributed to magnetic contrasts in the magnetic basement at several hundred metres depth. Four sharp isolated anomalies with amplitudes ranging from 150 to about 500 nT are noted along a NW/SE trend from claim 1190408 to 1189381. These near surface magnetic features warrant further investigation; however, they fall outside the KWG claim group. Extension of the aeromagnetic survey over the remainder of the property is recommended.

Respectfully submitted,



R.L. Scott Hogg, P. Eng.
June 20 / 1994

Qual. # 2. 4871

Report

on a

Helicopter Magnetic Survey

of the

Spybody Claim Block

in the

James Bay Lowlands

by

KWG

September 1992

prepared June 20 / 1994

Table of Contents

1. Introduction:

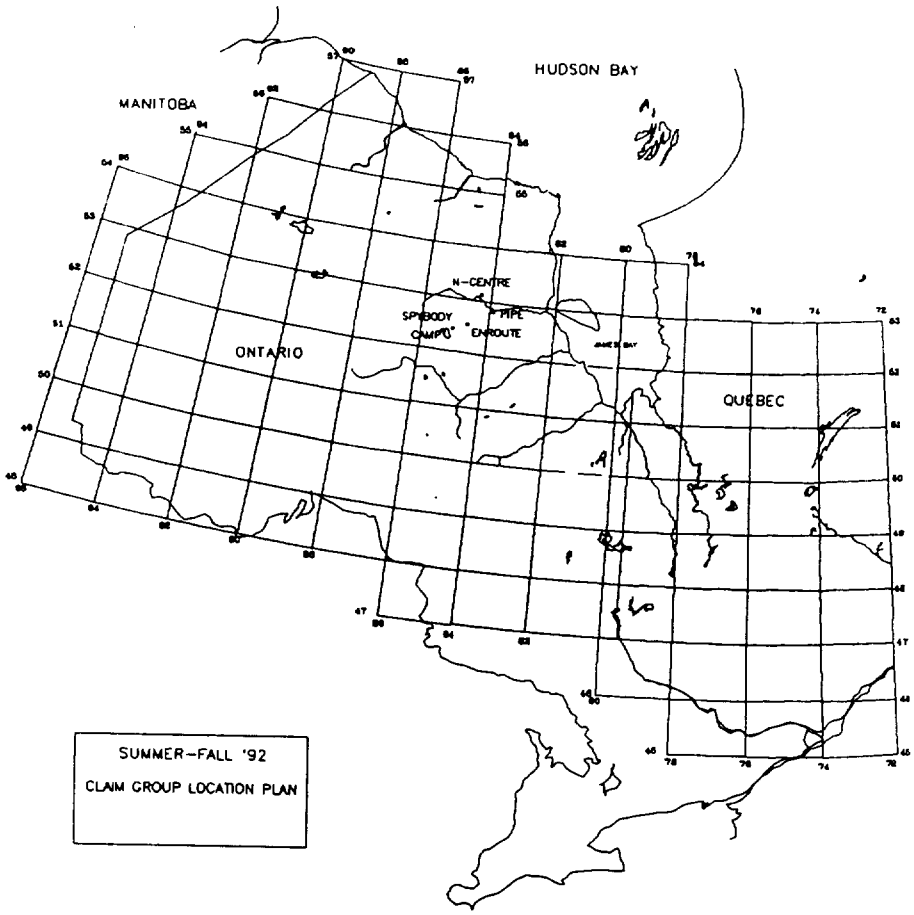
In July 1992 a field camp was established on the west shore of Missisa Lake and a reconnaissance geological investigation initiated. The investigation program, including staking, was guided by the regional aeromagnetic data published by the Geological Survey of Canada in combination with geological reports and information from prior work in the area.

Prior to leaving the area for the season, and in preparation for further exploration, a helicopter magnetometer system was contracted from Urquhart Dvorak Ltd to collect representative blocks of detailed aeromagnetic survey. During the month of September 1992 a number of small survey blocks were flown on and adjacent to the properties acquired by staking and the data was subsequently processed into contour map form and evaluated. This report presents and discusses the results of this aeromagnetic program.

2. Survey Area:

The "Spybody" survey block area is located in the vicinity of Missisa Lake in the James Bay Lowlands of Northern Ontario as presented on the index map below. The detailed location of the survey with coordinates, planimetry and claims is presented together with the flight path and aeromagnetic contours on the map accompanying this report.

The Archean basement rocks are in general overlain by sedimentary rock, predominantly limestone. The thickness of the limestone cover is variable but in the vicinity of the project area is believed to be several hundred metres thick. The published aeromagnetic maps indicate magnetic anomalies that are probably associated with underlying mafic volcanics and the area is considered generally prospective for gold, massive sulphides and kimberlite.



3. Claims:

The block of KWG "Spybody" claim block associated with this airborne survey consists of 400 claim units; the associated claim numbers are tabulated below.

spybody claims	
claim	# of Units
1190892	16
1190891	16
1190890	16
1190889	16
1190888	16
1190887	16
1190886	16
1190885	16
1190554	16
1190883	16
1190882	16
1190881	16
1190880	16
1190879	16
1190878	16
1190877	16
1190876	16
1190875	16
1190874	16
1190873	16
1190872	16
1190871	16
1190870	16
1190869	16
1190868	16
	400

4. Flight Specifications:

Flight lines were flown at a nominal spacing of 100 metres on a north/south heading. Navigation and path recovery were based on a GPS navigation system. The helicopter was flown at a terrain clearance of 70 metres with the magnetic sensor towed 30 metres below at a nominal terrain clearance of 40 metres.

A total of 60 line kilometres of data, covering an area of 7 square kilometres was collected and compiled.

5. Survey Crew and Equipment:

Urquhart Dvorak Limited was contracted to provide equipment and technical services as needed to carry out the airborne survey. The survey areas and field operations were supervised by KWG , both on site and from the Scarborough exploration office.

5.1 Crew:

Airborne survey operator/navigator/technician	: Rolf Eichmanis
Field geophysicist and computer processor	: Tim Eby

5.2 Equipment:

Magnetometer: A Scintrex H-8 cesium sensor, installed in a bird towed 30 m. beneath the helicopter, measured variations of the magnetic field with a resolution of 0.01 nT at a sample rate of 10/second.

Radar Altimeter: A Sperry 220 radar altimeter recorded the ground clearance of the helicopter.

GPS : A Magnavox 4200-D GPS system was used with the antenna mounted on the towed bird. Real time raw positional information was used for navigation, post flight differential corrections were applied for final positioning.

Navigation: A PNAV 2001 navigation console coupled to the GPS receiver provided steering information during flight.

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

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 digital data for cross reference purposes.

Magnetic Base Station: An Scintrex proton magnetometer was used to record the diurnal variations of the earth's magnetic field. The output was recorded digitally on a laptop computer with a GPS time stamp.

GPS Base Station: A Magnavox 4200-D, 6 channel GPS receiver recorded raw satellite information on a laptop computer.

Data Processing Facility: A 386 PC with HP paint jet printer and Geopak software system was used to process the collected survey information.

6. Data Compilation:

6.1 Flight Path:

After the installation of the GPS base station, data was collected for a 12 hour period and a calculation of the coordinates of the antenna location computed. Following each flight the collected airborne and ground GPS data files were differentially corrected. The error associated with each satellite is calculated on the basis that the base receiver is stationary at the above coordinate. These measured errors are then removed from the helicopters GPS data prior to calculating its location. By this procedure the location of the antenna on towed bird is measured to an accuracy of about 5 metres.

The differentially corrected GPS data was output as a coordinate with a GPS time. The PDAS 1000 data acquisition system was designed to maintain its internal clock in synchronization with GPS time by continuously monitoring a GPS clock pulse provided by the Magnavox receiver. On occasion this synchronization was lost and a time slip of an integer second was introduced. These time slips were manually identified and corrected in the digital data files.

6.2 Magnetic Diurnal Correction:

The digitally recorded magnetic base station variations were subtracted from the airborne profiles.

6.3 Grid and Contour:

The corrected magnetic profile data was gridded at a 20 metre interval using Akima's bicubic spline algorithm. The gridded data set was then contoured at 25 nT intervals as appropriate for presentation.

6.4 Map Presentation:

A map at a scale of 1:25,000 was produced and presents the following information:

- Flight Path with camera fiducials
- Corrected aeromagnetic contours at 25 nT intervals
- Claim boundaries and claim numbers
- Rivers. lakes and other topographic features
- Latitude and Longitude reference coordinates

7. Interpretation and Recommendations:

The aeromagnetic data does not indicate any shallow near surface magnetic sources. The amplitude range of approximately 100 nT is gradually varying and is consistent with minor magnetic variations in the Archean basement at a depth of 200 to 300 metres below surface. Further investigation within the area covered by the is not recommended on the basis of the collected aeromagnetic data; however, extended survey coverage of the "Spybody" property should be considered.

Respectfully submitted,

R.L. SCOTT HOGG
REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

R.L. Scott Hogg, P. Eng.
June 20 / 1994

Qual. # 2.4871

Report

on a

Helicopter Magnetic Survey

of the

Enroute Claim Blocks

in the

James Bay Lowlands

by

KWG

September 1992

prepared June 20 / 1994

Table of Contents

1. Introduction:

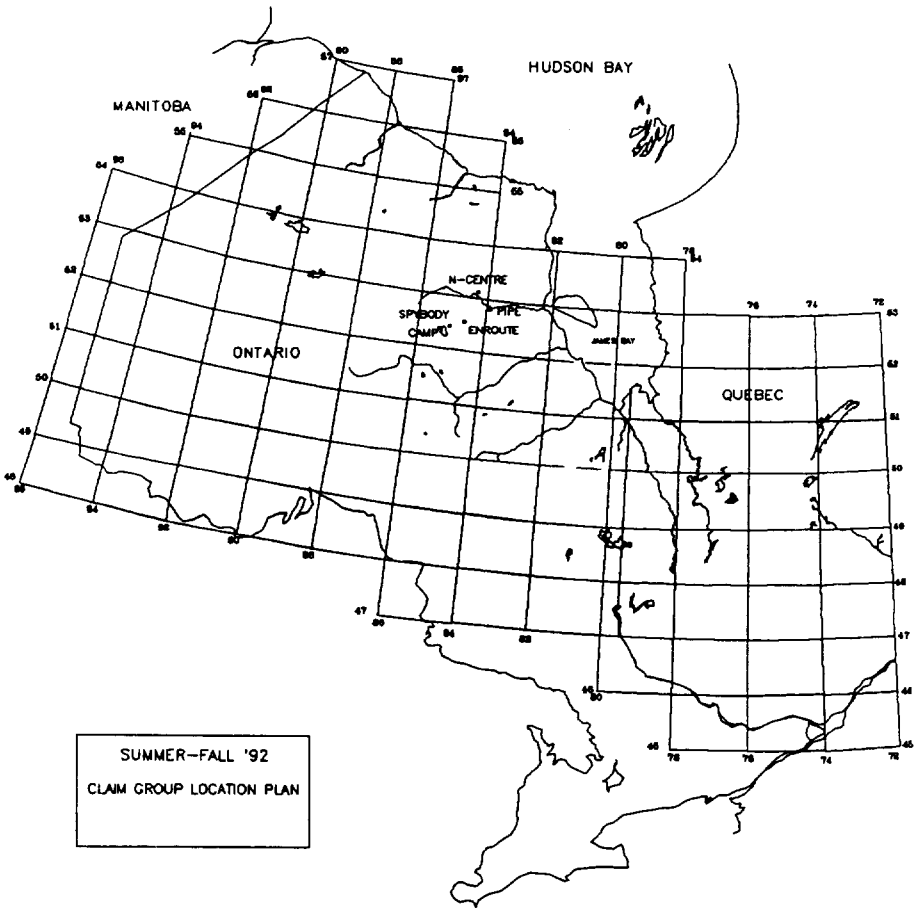
In July 1992 a field camp was established on the west shore of Missisa Lake and a reconnaissance geological investigation initiated. The investigation program, including staking, was guided by the regional aeromagnetic data published by the Geological Survey of Canada in combination with geological reports and information from prior work in the area.

Prior to leaving the area for the season, and in preparation for further exploration, a helicopter magnetometer system was contracted from Urquhart Dvorak Ltd to collect representative blocks of detailed aeromagnetic survey. During the month of September 1992 a number of small survey blocks were flown on and adjacent to the properties acquired by staking and the data was subsequently processed into contour map form and evaluated. This report presents and discusses the results of this aeromagnetic program.

2. Survey Area:

The "Enroute" survey block area is located in the vicinity of Missisa Lake in the James Bay Lowlands of Northern Ontario as presented on the index map below. The detailed location of the survey with coordinates, planimetry and claims is presented together with the flight path and aeromagnetic contours on the map accompanying this report.

The Archean basement rocks are in general overlain by sedimentary rock, predominantly limestone. The thickness of the limestone cover is variable but in the vicinity of the project area is believed to be several hundred metres thick. The published aeromagnetic maps indicate magnetic anomalies that are probably associated with underlying mafic volcanics and the area is considered generally prospective for gold, massive sulphides and kimberlite.



3. Claims:

The block of KWG "Enroute" claim block associated with this airborne survey consists of 416 claim units; the associated claim numbers are tabulated below.

Enroute	
claim	# of Units
1190892	16
1190891	16
1190890	16
1190889	16
1190888	16
1190887	16
1190886	16
1190885	16
1190884	16
1190883	16
1190882	16
1190881	16
1190880	16
1190879	16
1190878	16
1190877	16
1190876	16
1190875	16
1190874	16
1190873	16
1190872	16
1190871	16
1190870	16
1190869	16
1190868	16
1182677	16
Totals	416

4. Flight Specifications:

Flight lines were flown at a nominal spacing of 100 metres on a north/south heading. Navigation and path recovery were based on a GPS navigation system. The helicopter was flown at a terrain clearance of 70 metres with the magnetic sensor towed 30 metres below at a nominal terrain clearance of 40 metres.

A total of 736 line kilometres of data was collected and compiled.

5. Survey Crew and Equipment:

Urquhart Dvorak Limited was contracted to provide equipment and technical services as needed to carry out the airborne survey. The survey areas and field operations were supervised by KWG , both on site and from the Scarborough exploration office.

5.1 Crew:

Airborne survey operator/navigator/technician	: Rolf Eichmanis
Field geophysicist and computer processor	: Tim Eby

5.2 Equipment:

Magnetometer: A Scintrex H-8 cesium sensor, installed in a bird towed 30 m. beneath the helicopter, measured variations of the magnetic field with a resolution of 0.01 nT at a sample rate of 10/second.

Radar Altimeter: A Sperry 220 radar altimeter recorded the ground clearance of the helicopter.

GPS : A Magnavox 4200-D GPS system was used with the antenna mounted on the towed bird. Real time raw positional information was used for navigation, post flight differential corrections were applied for final positioning.

Navigation: A PNAV 2001 navigation console coupled to the GPS receiver provided steering information during flight.

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

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 digital data for cross reference purposes.

Magnetic Base Station: An Scintrex proton magnetometer was used to record the diurnal variations of the earth's magnetic field. The output was recorded digitally on a laptop computer with a GPS time stamp.

GPS Base Station: A Magnavox 4200-D, 6 channel GPS receiver recorded raw satellite information on a laptop computer.

Data Processing Facility: A 386 PC with HP paint jet printer and Geopak software system was used to process the collected survey information.

6. Data Compilation:

6.1 Flight Path:

After the installation of the GPS base station, data was collected for a 12 hour period and a calculation of the coordinates of the antenna location computed. Following each flight the collected airborne and ground GPS data files were differentially corrected. The error associated with each satellite is calculated on the basis that the base receiver is stationary at the above coordinate. These measured errors are then removed from the helicopters GPS data prior to calculating its location. By this procedure the location of the antenna on towed bird is measured to an accuracy of about 5 metres.

The differentially corrected GPS data was output as a coordinate with a GPS time. The PDAS 1000 data acquisition system was designed to maintain its internal clock in synchronization with GPS time by continuously monitoring a GPS clock pulse provided by the Magnavox receiver. On occasion this synchronization was lost and a time slip of an integer second was introduced. These time slips were manually identified and corrected in the digital data files.

6.2 Magnetic Diurnal Correction:

The digitally recorded magnetic base station variations were subtracted from the airborne profiles.

6.3 Grid and Contour:

The corrected magnetic profile data was gridded at a 20 metre interval using Akima's bicubic spline algorithm. The gridded data set was then contoured at 25 nT intervals as appropriate for presentation.

6.4 Map Presentation:

A map at a scale of 1:100,000 was produced and presents the following information:

- Flight Path with camera fiducials
- Corrected aeromagnetic contours at 25 nT intervals
- Claim boundaries and claim numbers
- Rivers. lakes and other topographic features
- Latitude and Longitude reference coordinates

7. Interpretation and Recommendations:

A relatively strong magnetic anomaly of about 500 nT amplitude is noted in the vicinity of 84° 51' W and 52° 22' N. This anomaly is suggestive of an isolated mafic intrusive and further investigation including detailed geophysical mapping and possible drilling should be considered. The weaker anomaly immediately to the northeast of this feature should also be included in any further investigation.

Respectfully submitted,

Qual. #2.4871

R.L. Scott Hogg P. Eng.
June 20 / 1994

REGISTERED PROFESSIONAL ENGINEER
R. L. S. HOGG
PROVINCE OF ONTARIO

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9460.00182

Personal information collected on this form is obtained under the authority of the this collection should be directed to the Provincial Manager, Mining Lands, Ir Sudbury, Ontario, P3E 6A5, telephone (705) 670-7284.

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for r Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

43G04SW0001 2.15628 JAMES BAY LOWLANDS

900

2.15628

Recorded Holder(s): KWG RESOURCES INC	Client No.: 224701
Address: SUITE 3200 - 630 RENE LEVESQUE BLVD. W. MONTREAL	Telephone No.: 514-866-6001
Mining Division: PORCUPINE	Township/Area:
M or G Plan No.: G3849, G3850, G3851	
Date Work Performed: From: JULY 28, 1992 To: DECEMBER 15, 1992	

#3B156

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	HELICOPTER MAGNETOMETER SURVEY (AIRBORNE)
	Physical Work, Including Drilling	
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs $ 32,445.00 (9.24% of $351,138.37)

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
SCOTT AGGG P.ENG	1 DEERWOOD CRESCENT, DON MILLS ONT M3C1N7

(attach a schedule if necessary)

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

I 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 by the current recorded holder.

Date: Aug. 16/94 Recorded Holder or Agent (Signature):

Certification of Work Report

I 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: NEIL NOVAK. 138 CRANSTON AVE. CAMBRIDGE ONT N1T 1J7

Telephone No.: 519-624-2444 Date: Aug. 16/94. Certified By (Signature):

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Recorded Holder or Agent (Signature)
$23,876.	Deemed Approval Date: Nov. 15, 1994	Date Approved	
	Date Notice for Amendments Sent		

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PORCUPINE MINING DIVISION

0241 (2001)

e qui suit:

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Réserve : travaux à réclamer à une date ultérieure	Valeur transférée de ce claim	Valeur affectée à ce claim	Valeur des travaux d'évaluation exécutés sur ce claim	Nombre d'unités	Numéro de claim	Numéro de rapport sur les travaux exécutés pour l'affectation de la réserve

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
2.15628	P-1190667	16	0	$6400		
	P-1190657	16	0	$6400		
	P-1190639	16	0	$6400		
	P-1190662	16	0	$6400		
	P-1190647	16	0	$6400		
	P-1190601	12	$5407.53	0		
	P-1186689	15	$7210.04	0		
	P-1190604	5	$3004.18	$445.18	2559	
	P-1190603	16	$8411.71			
	P-1190608	16	$8411.72			
	Total Number of Claims: 10		Total Value Work Done: $32,445.18	Total Value Work Applied: 32445.18	Total Assigned From: 2559	Total Reserve: -0-

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☑ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature [signature]	Date Aug 16/94

Ministry of Northern Development and Mines
Ontario
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

2.15628

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 quesiton sur la collece de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4e 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	24,376.35	24,376.35
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type A/B Heli-mag (T.G.)	32,114.20	
	A/B Heli-mag (UOL)	98,172.91	
	[illegible]	60,946.97	
	Heli-support (CH)	77,494.88	
			268,[illegible]
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
	Total Direct Costs Total des coûts directs		[illegible]

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 Lenenberger Air Services	159,269.08	
			159,269.08
Food and Lodging Nourriture et hébergement	Camp costs (C)	9,360.00	
			9,360 –
Mobilization and Demobilization Mobilisation et démobilisation	Heli + fuel (AF)	20,861.63	
	Travel crew (T)	12,147.13	
			[illegible],[illegible]06.76
	Sub Total of Indirect Costs Total partiel des coûts indirects		[illegible]
	Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)		[illegible],[illegible]23.06
	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)		$361,135.37

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
	× 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
	× 0,50 =	

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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 Agent (Recorded Holder, Agent, Position in Company) I am authorized

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 ______ (titulaire enregistré, représentant, poste occupé dans la compagnie) je suis autorisé

à faire cette attestation.

Signature	Date
[signature]	Aug 16/94

0212 (04/91)

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9460.00183

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.15628

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s): KWG RESOURCES INC		Client No.: 224701
Address: SUITE 3200 - 630 RENE LEVESQUE BLVD W. MONTREAL PQ		Telephone No.: 514-866-6001
Mining Division: PORCUPINE	Township/Area	M or G Plan No.: G4446, G4447
Dates Work Performed: From: JULY 28, 1992	To: DECEMBER 15, 1992	

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	HELICOPTER MAGNETOMETER SURVEY (AIRBORNE)
	Physical Work, Including Drilling	
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

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MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs $ 17,592.00 (5.01% of $351,138.37)

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
SCOTT HOGG P.ENG	1 DEEPWOOD CRESCENT, DON MILLS ONT. M3C 1N7

(attach a schedule if necessary)

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

I 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 by the current recorded holder.	Date: Aug 16/94	Recorded Holder or Agent (Signature):

Certification of Work Report

I 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		
NEIL D. NOVAK 133 CRANSTON AVE. CAMBRIDGE ONT N1T 1J7		
Telephone No.: 519-624-2444	Date: Aug 16/94	Certified By (Signature):

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Total Value Cr. Recorded	Date Recorded	Mining Recorder	Recorded Holder or Agent (Signature)
$12,946	Deemed Approval Date: Nov. 15, 1994	Date Approved	
	Date Notice for Amendments Sent		

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PORCUPINE MINING DIVISION

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	P 1190675	16	0	6,400	0	4,792
	P 1190678	16	0	6,400	0	
	P 1190676	16	5,026.29		5,026.29	
	P 1190673	16	2,513.15		2,513.15	
	P 1190803	16	5,026.29		5,026.29	
	P 1190802	16	5,026.30		5,026.30	
	6		17,592.03	12,800	17,592.03	4,792
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

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MINING LANDS BRANCH

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

1. ☑ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature: [signature] Date: Aug. 14/94

0241 (03/91)

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: FILE
W9460.00184

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.15628

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s): KWG Resources Inc.		Client No.: 224701
Address: Suite 3200 - 630 Rene Levesque Blvd. W. Montreal PQ.		Telephone No.: 514-866-6001
Mining Division: Porcupine	Township/Area:	M or G Plan No.: G1252, G1253
Dates Work Performed: From: July 23/92	To: December 15/92	

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	Helicopter Magnetometer Survey (Airborne)
	Physical Work, Including Drilling	
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

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MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs $ 163,666.00 (46.617% of $351,138.37)

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
Scott Hogg P. Eng.	1 Deepwood Cres., Don Mills, Ontario M3C 1N7

(attach a schedule if necessary)

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

I 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 by the current recorded holder.	Date: Aug 16/94	Recorded Holder or Agent (Signature):

Certification of Work Report

I 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: Neil D. Novak 138 Cranston Ave Cambridge Ont. N1T 1J7		
Telephone No.: 1-519-624-2444	Date: Aug. 16/94	Certified By (Signature):

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Re
$120,442	Deemed Approval Date: Nov. 15, 1994	Date Approved	
	Date Notice for Amendments Sent		

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AUG 17 1994
PORCUPINE MINING DIVISION

0241 (03/91)

2.15628

Claim Number	Number of Claim Units	Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve
P-1189379	5	4327	$2000	2327	
P-1189378	9	8652	$3600	5052	
P-1189380	4	3845	$1600	2245	
P-1189382	2	1923	$800	1123	
P-1189381	12	11,536	$4800	6736	
P-1190490	15	6,729	$6000	729	
P-1190491	15	6,729	$6000	729	
P-1190492	12	5,768	$4800	968	
P-1190493	16	1,923	$6400		
P-1190494	16	0	$6400		
P-1190893	3	961	$1200		
P-1190894	3	0	$1200		
P-1190500	9	2884	$3600		
P-1190496	3	961	$1200		
P-1190699	3	0	$1200		
P-1189377	12	2884	$4800		
P-1189376	12	0	$4800		
P-1190403	9	0	$3600		
P-1190404	16	2884	$6400		
P-1190405	13	2884	$5200		
P-1190414	16	0	$6400		
P-1190488	13	0	$5200		
P-1190449	13	0	$5200		
P-1190450	16	0	$6400		
P-1190454	16	0	$6400		
P-1190455	16	0	$6400		
P-1190459	16	0	$6400		
P-1190463	16	0	$6400		
P-1190407	13	3845	$5200		
P-1190406	16	3845	$6400		
P-1190401	16	0	$6400		
P-1190402	16	0	$6400		
P-1190408	16	3845	$6400		
P-1190422	11	0	$4400		
P-1190411	9	0	$3600		
P-1190431	1	0	$400		6
P-1189362	3	2884	0	2884	
P-1189383	12	11,536	0	11,536	
P-1189384	12	11,536	0	11,536	
P-1189385	14	13,218	0	13,218	
P-1189386	8	7,691	0	7,691	
P-1189387	16	15,381	0	15,381	
P-1189388	3	2,884	0	2,884	
P-1189389	5	4,807	0	4,807	
P-1189390	10	9,613	0	9,613	
P-1180495	8	7,691	0	7,691	
Total Number of Claims: 46		Total Value Work Done: 163,666	Total Value Work Applied: 163,600	Total Assigned From: 104,150	Total Reserve: 6

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MINING LANDS BRANCH

Ministry of Northern Development and Mines

Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: File W9460.00185

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.15628

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s)		Client No.
KWG RESOURCES INC.		224701
Address		Telephone No.
Suite 3200 - 630 Rene Levesque Blvd W. Montreal PQ		514-966-6001
Mining Division	Township/Area	M or G Plan No.
PORCUPINE		G 3854
Dates Work Performed From: JULY 28 1992	To: DECEMBER 15 1992	

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	HELICOPTER MAGNETOMETER SURVEY (AIRBORNE)
	Physical Work, Including Drilling	
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs $ 10,359.60 (2.95% of $351,138.37)

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
SCOTT HOGG P.ENG.	1 DEERWOOD CRESCENT, DON MILLS ONT. M3C 1N7.

(attach a schedule if necessary)

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

I 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 by the current recorded holder.	Date	Recorded Holder or Agent (Signature)
	AUG 16/94	

Certification of Work Report

I 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		
NEIL D. NOVAK 138 CRANSTON AVE CAMBRIDGE ONT. N1T 1J7		
Telephone No.	Date	Certified By (Signature)
1-519-624-2444	AUG 16/94	

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received
$7,623			
	Deemed Approval Date: Nov. 15 1994	Date Approved	
	Date Notice for Amendments Sent		

RECEIVED
AUG 17 1994
PORCUPINE MINING DIVISION

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
2.15628	P-1190892	16	2486.06	3954		0.58
	P-1190897	16	2,486.06	6400		
	P-1190882	16	2,071.72	0	2,071.72	
	P-1190877	16	1,657.37	0	1,657.37	
	P-1190872	16	1,657.37	0	1,657.37	
	Total Number of Claims: 5		Total Value Work Done: 10,358.58	Total Value Work Applied: 10,358.00	Total Assigned From: 5,386.46	Total Reserve: 0.53

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☑ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date Aug 16/94

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number
PCE
W9460.00186

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.15628

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s)		Client No.
KWG RESOURCES INC.		224701
Address		Telephone No.
SUITE 3300 - 630 RENE LEVESQUE BLVD W. MONTREAL PQ		514-866-6001
Mining Division	Township/Area	M or G Plan No.
PORCUPINE		G 3854, G 4148
Dates Work Performed From: JULY 28 1992	To: DECEMBER 15 1992	

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	HELICOPTER MAGNETOMETER SURVEY (AIRBORNE)
	Physical Work, Including Drilling	
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs $ 127,042.00 (36.19% of $351,138.57)

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
SCOTT HOGG P.ENG	1 DEERWOOD CRESCENT, DON MILLS ONTARIO M3C 1N7

(attach a schedule if necessary)

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

I 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 by the current recorded holder.	Date	Recorded Holder or Agent (Signature)
	AUG. 16/94	

Certification of Work Report

I 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		
NEIL D. NOVAK 138 CRANSTON AVE CAMBRIDGE ONT. N1T 1J7		
Telepone No.	Date	Certified By (Signature)
1-519-624-2444	AUG 16/94	

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Recorded Holder
$93,491			
	Deemed Approval Date: Nov. 15, 1994	Date Approved	
	Date Notice for Amendments Sent		

RECEIVED
AUG 17 1994
PORCUPINE MINING DIVISION

0241 (03/91)

2.15628

...nber for Applying Reserve	Claim Number (see Note 2)	...of Claim Units	...Value of Assessment Work Done on this Claim	...Value Applied to this Claim	...Value Assigned from this Claim	...Reserve: Work to be Claimed at a Future Date
	P-1182677	16	30,379.56	6400	23,979.56	
	P-1190868	16	35,903.13	6400	29,503.13	
	P-1190869	16	19,332.46	6400	12,932.46	
	P-1190873	16	33,141.36	6400	26,741.36	
	P-1190878	16	8,285.35	6400	1,885.35	
	P-1190884	16		6400		
	P-1190889	16		6400		
	P-1190885	16		6400		
	P-1190890	16		6400		
	P-1190891	16		6400		
	P-1190888	16		6400		
	P-1190883	16		6400		
	P-1190879	16		6400		
	P-1190880	16		6400		
	P-1190881	16		6400		
	P-1190874	16		6400		
	P-1190875	16		6400		
	P-1190886	16		6400		
	P-1190876	16		6400		
	P-1190892	16		5441		
	20		127,041.86	127,041	95,041.86	0.86
	TOTAL NUMBER OF CLAIMS		TOTAL VALUE OF WORK DONE	TOTAL VALUE OF WORK APPLIED	TOTAL ASSIGNED FROM	TOTAL RESERVE

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

1. ☑ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature: [signature]

Date: Aug 14/94

Ontario

Ministry of Northern Development and Mines
Ministère du Développement du Nord et des Mines

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

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

Our File: 2.15628
Transaction #: W9460.182,183
184,185,186

November 7, 1994

Mining Recorder
Ministry of Northern Development
and Mines
60 Wilson Avenue
1st Floor
Timmins, Ontario
P4N 2S7

Dear Mr. White:

RE: APPROVAL OF ASSESSMENT WORK ON MINING CLAIMS P1190667 ET. AL. IN THE ATTAWAPISKAT RIVER AREA.

The assessment credits for Airborne Geophysics, section 15 of the Mining Act Regulations, as listed on the original Report of Work, have been approved as of **November 7, 1994.**

Please indicate this approval on the claim record sheets.

If you have any questions concerning this submission please contact Dale Messenger at (705) 670-5858.

ORIGINAL SIGNED BY:

Ron C. Gashinski
Senior Manager, Mining Lands Section
Mining and Land Management Branch
Mines and Minerals Division

DEM/jl
Enclosures:

cc: Assessment Files Office
Sudbury, Ontario

Resident Geologist
Timmins, Ontario

BMA 524844 G-4148

1190892 (16 UNITS) | 1190891 (16 UNITS) | 1190890 (16 UNITS) | 1190889 (16 UNITS) | 1190888 (16 UNITS) | 1209008 | 1209007 | 1209006 | 1209063

1190887 (16 UNITS) | 1190886 (16 UNITS) | 1190885 (16 UNITS) | 1190884 (16 UNITS) | 1190883 (16 UNITS) | 1209004 | 1182677 | 1209005 | 1209064

1190882 (16 UNITS) | 1190881 (16 UNITS) | 1190880 (16 UNITS) | 1190879 (16 UNITS) | 1190878 (16 UNITS) | 1209003 | 1209002 | 1209001

1190877 (16 UNITS) | 1190876 (16 UNITS) | 1190875 (16 UNITS) | 1190874 (16 UNITS) | 1190873 (16 UNITS)

1190872 (16 UNITS) | 1190871 (16 UNITS) | 1190870 (16 UNITS) | 1190869 (16 UNITS) | 1190868 (16 UNITS)

RIVER

MISSISA

Amag 2.15628

STRING BOG

P 1209091

BMA 523-843 G-4166

523-844

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

LEGEND

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

DISPOSITION OF CROWN LANDS

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

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

SCALE: 1 INCH = 40 CHAINS

FEET: 0 1000 2000 4000 6000 8000

METRES: 0 500 1000 (1 KM) 2000 (2 KM)

ISSUED
OCT 13 1994
PORCUPINE MINING DIVISION

2.15628

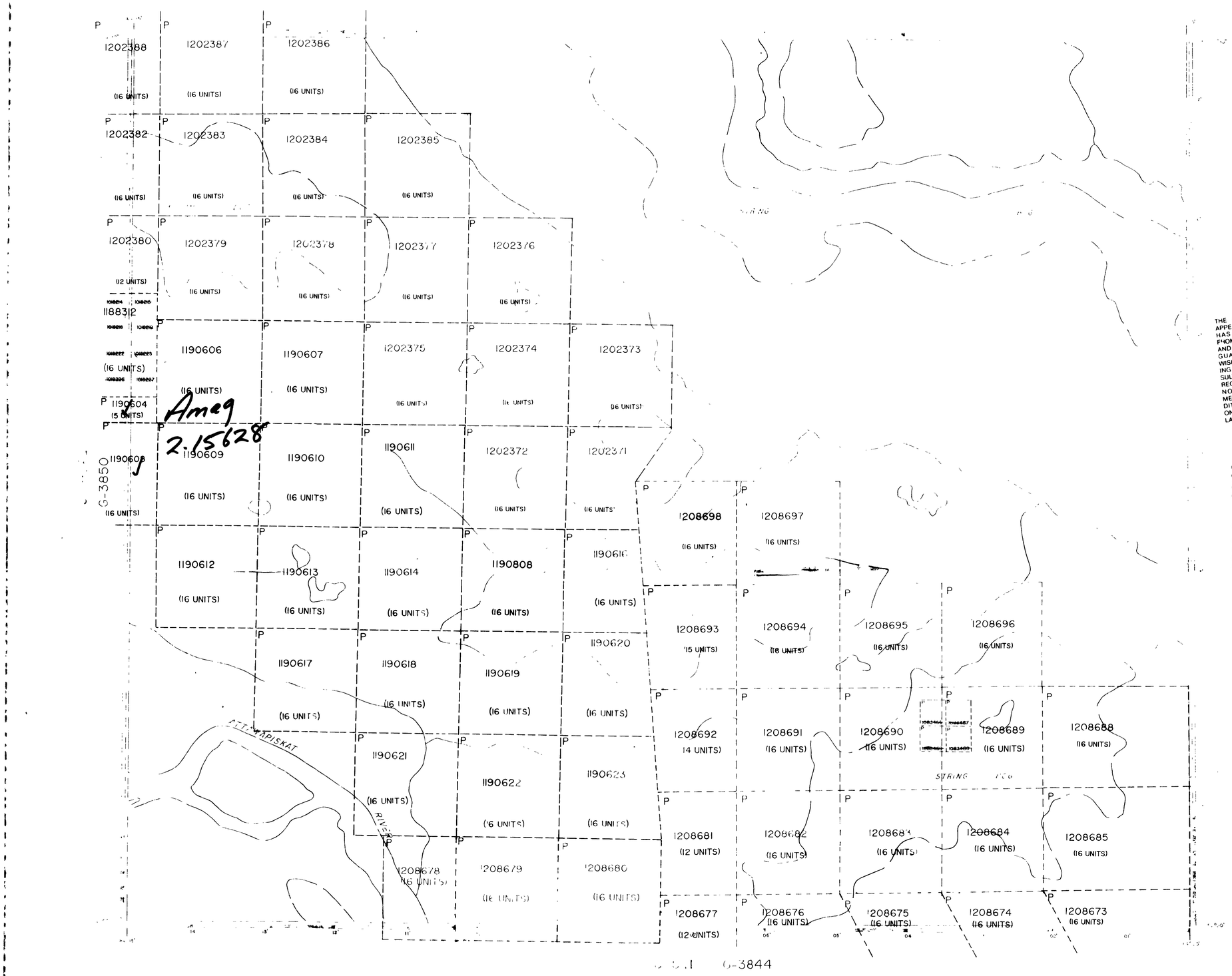
RECEIVED
OCT 18 1994
MINING LANDS BRANCH

AREA
EAST OF MISSISA LAKE
M.N.R. ADMINISTRATIVE DISTRICT
MOOSONEE
MINING DIVISION
PORCUPINE
LAND TITLES / REGISTRY DIVISION
KENORA / PATRICIA PORTION

Ontario Ministry of Natural Resources | Ministry of Northern Development and Mines

Date JUNE / 1988

Number G-3854



THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES. 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.

LEGEND

HIGHWAY AND NUMBER
OTHER ROADS
TRAILS
SURVEYED LINES
TOWNSHIP, BASE LINES ETC.
LOT & MINING LANDS PARCELS ETC.
UNSURVEYED LINES
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC.
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

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

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

SCALE 1 INCH = 40 CHAINS

AREAS WITHDRAWN FROM DISPOSITION

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

Disposition | Order No. | Date | Description | File

ISSUED
OCT 13 1994
PORCUPINE MINING DIVISION

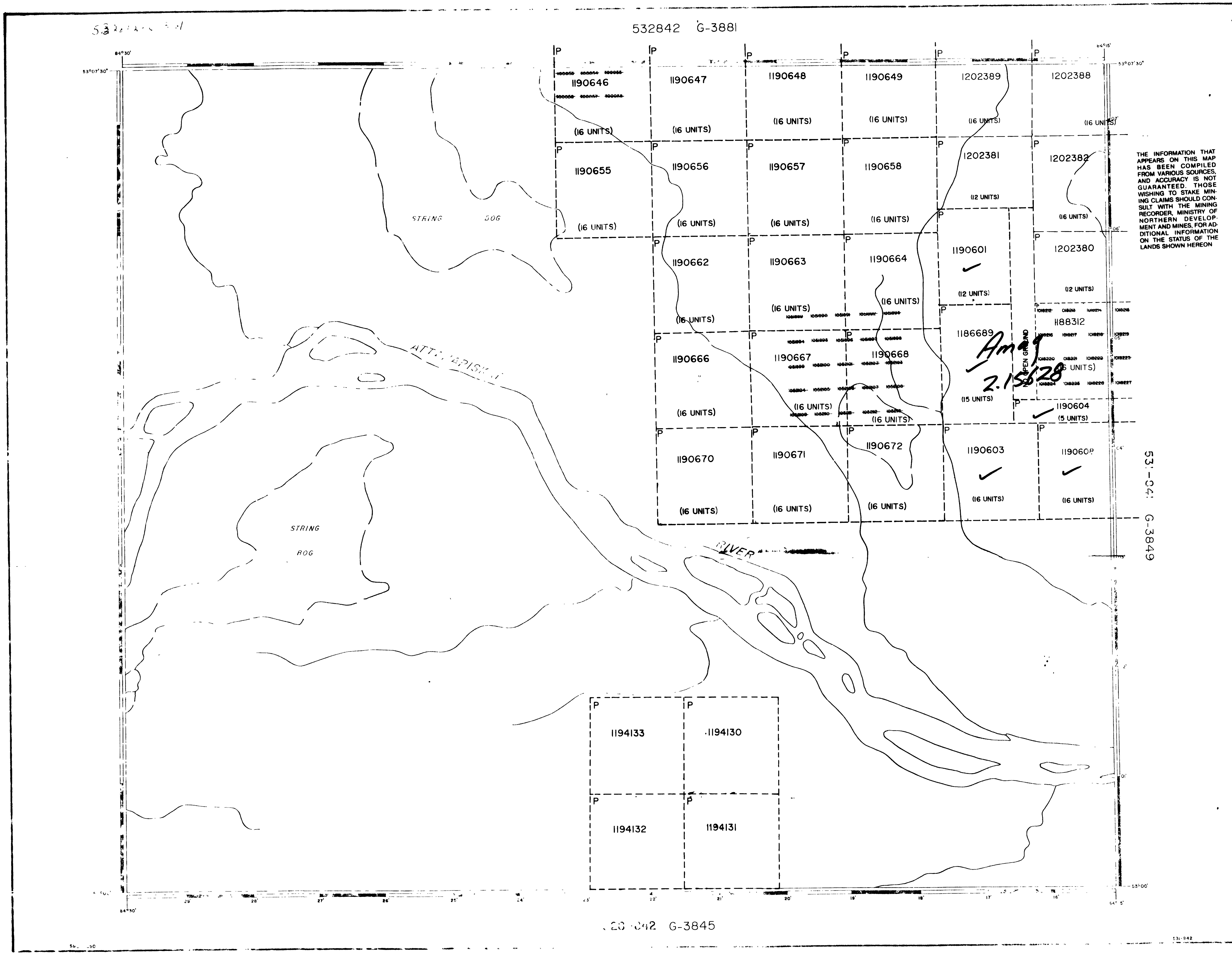
RECEIVED
OCT 14 1994
MINING LANDS BRANCH

AREA
531-841
M.N.R. ADMINISTRATIVE DISTRICT
MOOSONEE
MINING DIVISION
PORCUPINE
2.156 28
LAND TITLES / REGISTRY DIVISION
KENORA/PATRICIA PORTION

Ontario Ministry of Natural Resources
Ministry of Northern Development and Mines

Date MAY/1988
Number G-3849

2.15628



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

LEGEND

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

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◐
" , MINING RIGHTS ONLY	◑
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	◧
" , MINING RIGHTS ONLY	◨
LICENCE OF OCCUPATION	▼
ORDER IN COUNCIL	OC
RESERVATION	⊙
CANCELLED	⊗
SAND & GRAVEL	ⓢ

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

SCALE: 1 INCH = 40 CHAINS

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

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

ISSUED
OCT 13 1994
PORCUPINE MINING DIVISION

RECEIVED
OCT 14 1994
MINING LANDS BRANCH

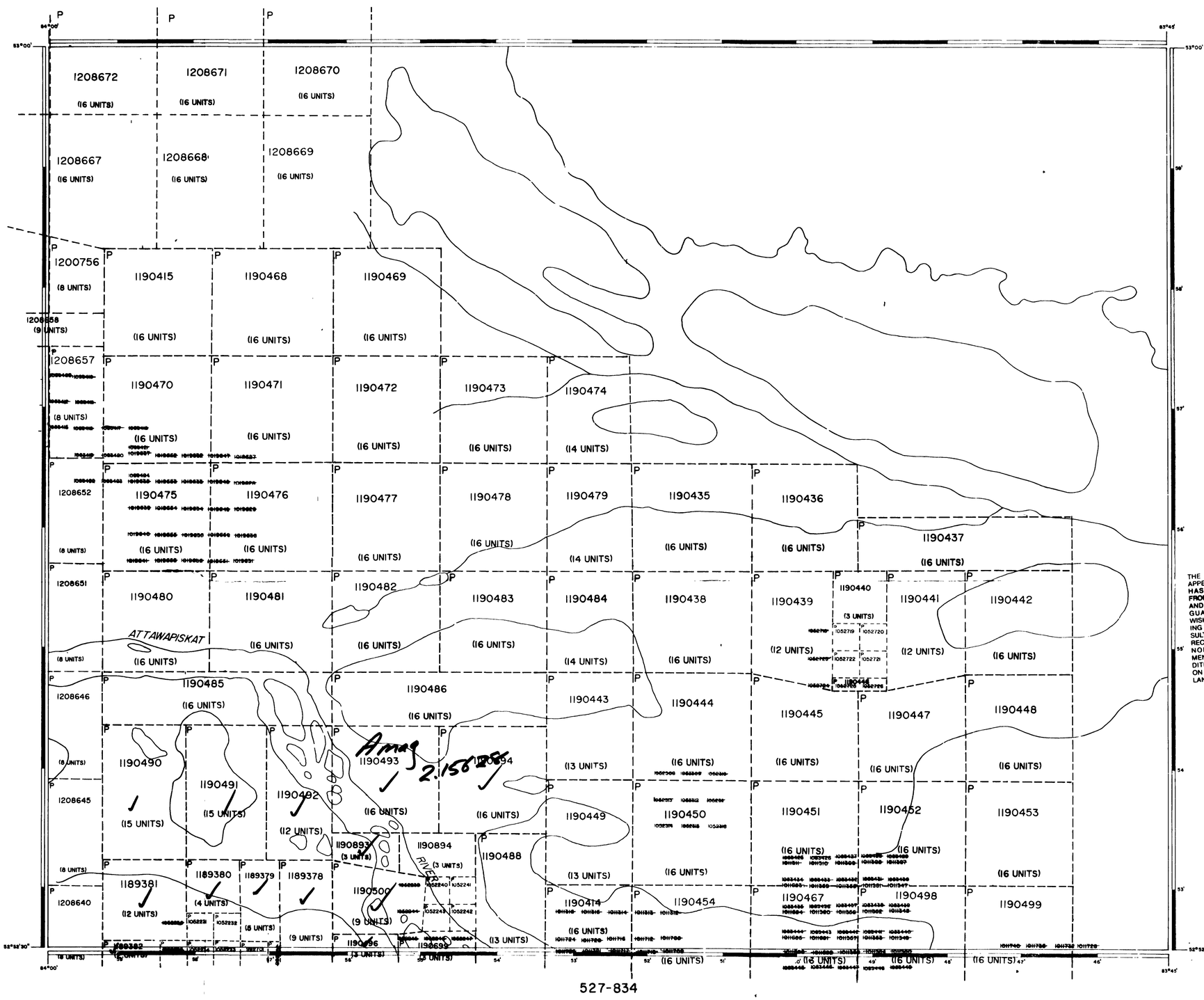
AREA

531-842

M.N.R. ADMINISTRATIVE DISTRICT
MOOSONEE **2.15628**
MINING DIVISION
PORCUPINE
LAND TITLES / REGISTRY DIVISION
KENORA/PATRICIA PORTION

Ontario
Ministry of Natural Resources
Ministry of Northern Development and Mines

Date: MAY/1988
Number: G-3850



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527-834

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

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 400 1000 1 KM 2000 2 KM

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

ISSUED
OCT 1 3 1994
PORCUPINE MINING DIVISION

2.156 28
RECEIVED DECEMBER 1, 1987

RECEIVED
OCT 1 8 1994
MINING LANDS BRANCH

AREA
528-834

M.N.R. ADMINISTRATIVE DISTRICT
MOOSONEE

MINING DIVISION
PORCUPINE

LAND TITLES / REGISTRY DIVISION
KENORA/PATRICIA PORTION

Ontario
Ministry of Natural Resources
Ministry of Northern Development and Mines

Date NOVEMBER /1987

Number G-1252

528-834

527-833

ATTAWAPISKAT RIVER

Amag 2.15628

LEGEND

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

DISPOSITION OF CROWN LANDS

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

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

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

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

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

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

ISSUED
OCT 13 1994
PORCUPINE MINING DIVISION

2.15628

RECEIVED
OCT 18 1994
MINING LANDS BRANCH

RECEIVED DECEMBER 1, 1987

AREA
527-834

M.N.D. ADMINISTRATIVE DISTRICT
MOOSONEE

MINING DIVISION
PORCUPINE

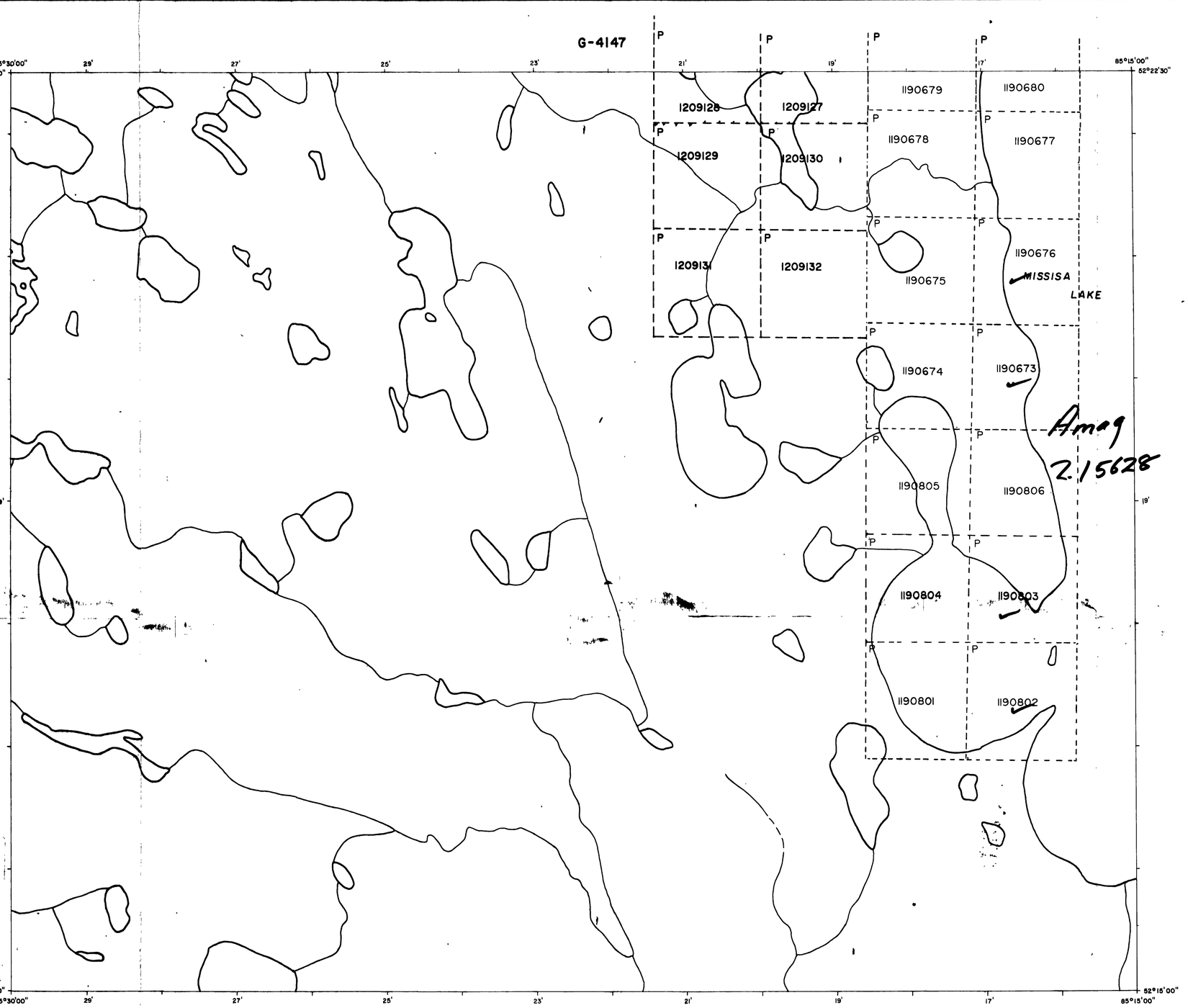
LAND TITLES / REGISTRY DIVISION
KENORA/PATRICIA PORTION

Ontario Ministry of Natural Resources | Ministry of Northern Development and Mines

Date NOVEMBER/1987 | Number G-1253

G-3852

G-4147



Amag
2.15628

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SMD 4146

523-852

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	

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

ISSUED
OCT 1 3 1994
PORCUPINE MINING DIVISION

RECEIVED
OCT 1 8 1994
MINING LANDS BRANCH

SCALE: 1 INCH = 40 CHAINS

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

AREA
WEST OF MISSISA LAKE
M.N.R. ADMINISTRATIVE DISTRICT
MOOSONEE
MINING DIVISION 2.15628
PORCUPINE
LAND TITLES / REGISTRY DIVISION
KENORA / PATRICIA PORTION

Ontario Ministry of Natural Resources
Ministry of Northern Development and Mines

Date OCTOBER / 1992
ACTIVATED NOVEMBER 09, 1992.

Number
G-4146

43G04SW0001 2 15628 JAMES BAY LOWLANDS

52 25'N

85 00'W

84 55'W

52 20'N

85 00'W

84 55'W

1190892 6/16	1190891 0/16	1190890 0/16	1190889 0/16	1190888 0/16
1190887 6/16	1190886 0/16	1190885 0/16	1190884 0/16	1190883 0/16
1190882 5/16	1190881 0/16	1190880 0/16	1190879 0/16	1190878 0/16
1190877 4/16	1190876 0/16	1190875 0/16	1190874 0/16	1190873 0/16
1190872 4/16	1190871 0/16	1190870 0/16	1190869 0/16	1190868 0/16

SPYBODY

HELICOPTER MAGNETIC SURVEY

FLIGHT SPECIFICATIONS

Nominal Line Spacing	100m
Nominal Sensor Height	40m
Navigation	Differential GPS (NAD27)

EQUIPMENT

Magnetometer	Scintrex H-8 Cesium Sensor
Altimeter	Sperry 220 Radar Altimeter
GPS	Magnavox 4200-D
Digital Data	PDAS 1000
Analog Data	RMS GR-33

MAP KEY

1190499 — Claim Boundary; Registration Number

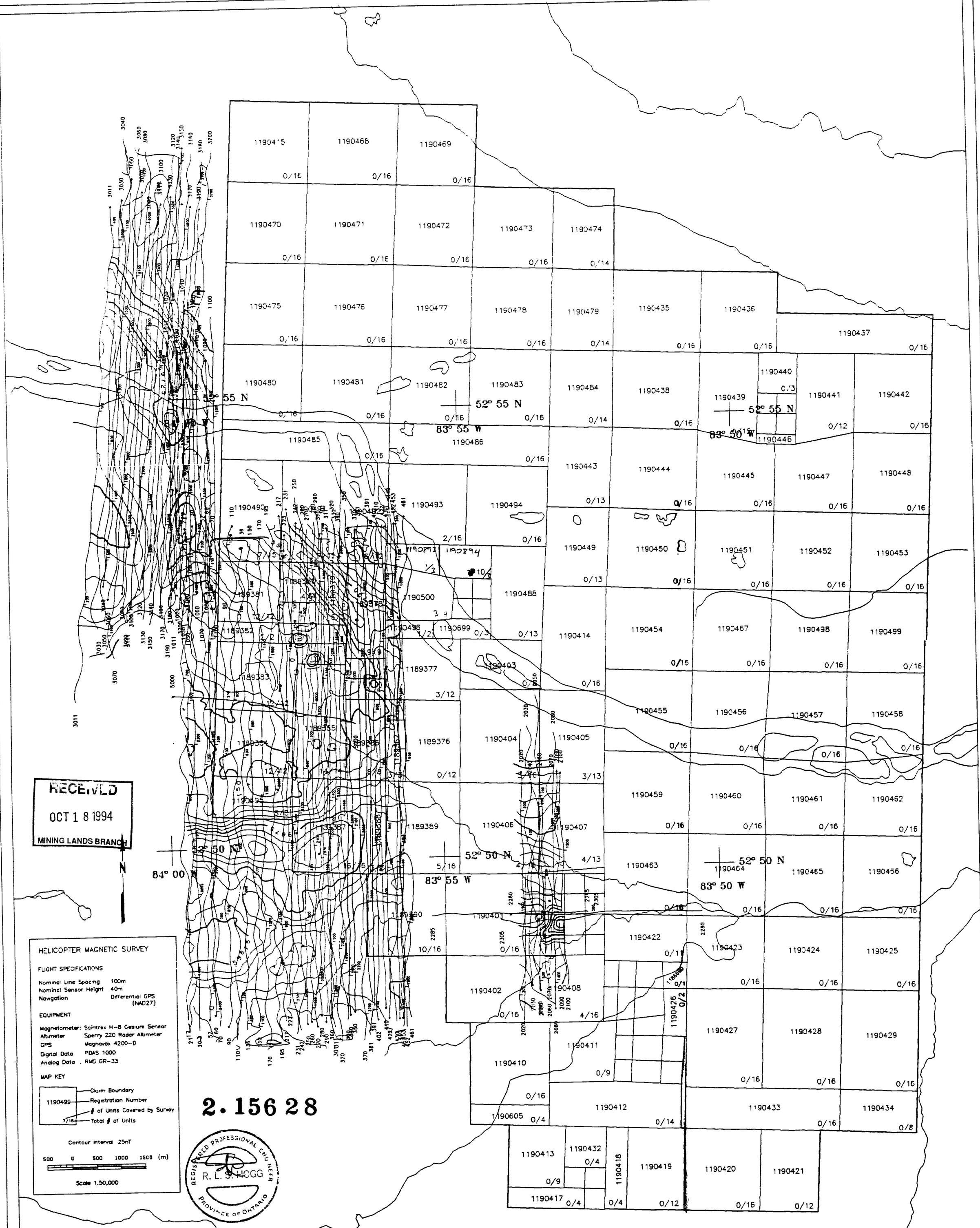
7/16 — # of Units Covered by Survey; Total # of Units

Contour Interval 25nT

250 0 250 500 750 (m)

Scale 1:25,000

N



2.156 28

53° 10 N
84° 25 W

53° 10 N
84° 20 W

53° 10 N
84° 15 W

53° 10 N
84° 10 W

53° 10 N
84° 05 W

1190624 0/16	1190625 0/16	1190626 0/16	1190627 0/16
1190628 0/16	1190629 0/16	1190630 0/16	1190631 0/16
1190637 0/16	1190638 0/16	1190639 0/16	1190640 0/16
1190646 0/16	1190647 0/16	1190648 0/16	1190649 0/16
1190655 0/16	1190656 0/16	1190657 0/16	1190658 0/16
1190662 0/16	1190663 0/16	1190664 0/16	
1190666 0/16	1190667 0/16	1190668 0/16	
1190670 0/16	1190671 0/16	1190672 0/16	

N-CENTRE

HELICOPTER MAGNETIC SURVEY

FLIGHT SPECIFICATIONS

Nominal Line Spacing	100m
Nominal Sensor Height	40m
Navigation	Differential GPS (NAD27)

EQUIPMENT

Magnetometer:	Scintrex H-8 Cesium Sensor
Altimeter	Sperry 220 Radar Altimeter
GPS	Magnavox 4200-D
Digital Data	PDAS 1000
Analog Data	RMS GR-33

MAP KEY

1190499 — Claim Boundary
Registration Number
# of Units Covered by Survey
7/16 — Total # of Units

Contour Interval. 25nT

500 0 500 1000 1500 (m)

Scale 1:50,000

N

REGISTERED PROFESSIONAL ENGINEER
R. V. HOGG
PROVINCE OF ONTARIO

53° 05 N
84° 25 W

53° 05 N
84° 20 W

53° 05 N
84° 10 W

53° 05 N
84° 05 W

1190606 0/16	1190607 0/16			
1190609 0/16	1190610 0/16	1190611 0/16		
1190612 0/16	1190613 0/16	1190614 0/16	1190808 0/16	1190616 0/16
1190617 0/16	1190618 0/16	1190619 0/16	1190620 0/16	
1190621 0/16	1190622 0/16	1190623 0/16		

53° 00 N
84° 20 W

53° 00 N
84° 15 W

53° 00 N
84° 10 W

53° 00 N
84° 05 W

1190682 0/16

1190681 0/16

1190679 0/16

1190680 0/16

1190678 0/16

1190677 0/16

1190675 0/16

1190676 0/16

1190674 0/16

1190805 0/16

1190804 0/16

1190801 0/16

52 20'N

85 20'W

52 20'N

85 15'W

52 15'N

85 15'W

MISSISSA

LAKE

CAMP

HELICOPTER MAGNETIC SURVEY

FLIGHT SPECIFICATIONS

Nominal Line Spacing	100m
Nominal Sensor Height	40m
Navigation	Differential GPS (NAD27)

EQUIPMENT

Magnetometer	Scintrex H-8 Cesium Sensor
Altimeter	Sperry 220 Radar Altimeter
GPS	Magnavox 4200-D
Digital Data	PDAS 1000
Analog Data	RMS GR-33

MAP KEY

1190499/7/16 — Claim Boundary; Registration Number; # of Units Covered by Survey; Total # of Units

Contour Interval 25nT

250 0 250 500 750 (m)

Scale 1:25 000

2.15628