

REPORT ON A HELICOPTER-BORNE MAGNETIC SURVEY



010

Lundmark-Akow Lakes
North Caribou Lake Area, Patricia Mining Division,
Northwestern Ontario

for

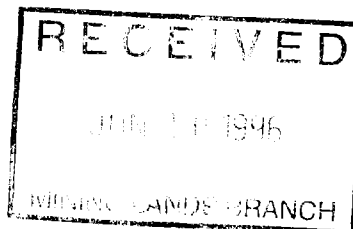
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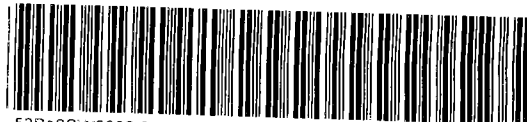
Project 9607

March, 1996

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Qual. # 68A.561



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REPORT ON HELICOPTER-BORNE MAGNETIC SURVEYS

NORTH CARIBOU LAKE AREA, NORTHWESTERN ONTARIO

1. INTRODUCTION

This report describes a helicopter-borne geophysical survey carried out on behalf of Romios Gold Resources Inc., by Aero Surveys Inc., under an agreement dated February 7, 1996. The principal geophysical sensor consisted of a high sensitivity cesium vapour magnetometer. Ancillary equipment included a GPS navigation system with GPS base station, radar altimeter, and a base station magnetometer.

One block, referred to as Lundmark and Akow Lakes, was surveyed. The survey area is located in the North Caribou Lake area of the Patricia Mining Division, Northwestern Ontario. The areal extent of the block is 60 km². The total line kilometres (combined) flown (including tie lines) was 1315.0 km (1245.0 km traverse lines plus 70.0 km tie line).

This logistical report describes the survey, the data processing, and the presentation.

2. SURVEY AREAS

The survey area is shown in figure 1. The block may be found on NTS sheets 53B/15 and 53B/16. The corner co-ordinates of the block in UTM (NAD27-Zone 15) easting and northing are as follows:

- ♦ 668,700E - 5,847,300N 667,100E - 5,850,900N
- ♦ 667,000E - 5,856,150N 665,350E - 5,855,850N
- ♦ 664,200E - 5,858,650N 664,000E - 5,859,900N
- ♦ 668,150E - 5,860,850N 673,500E - 5,848,300N

Topographic relief is low and the land is poorly drained. The area is dissected by numerous ponds and streams. Large swamps are ubiquitous. Pickle Lake, the principal town in the area for facilities, is found at latitude 51°28'N and longitude 90°10'W. The Lundmark & Akow Lakes area lies just east of North Caribou Lake and about 145 km north-northwest of Pickle Lake.

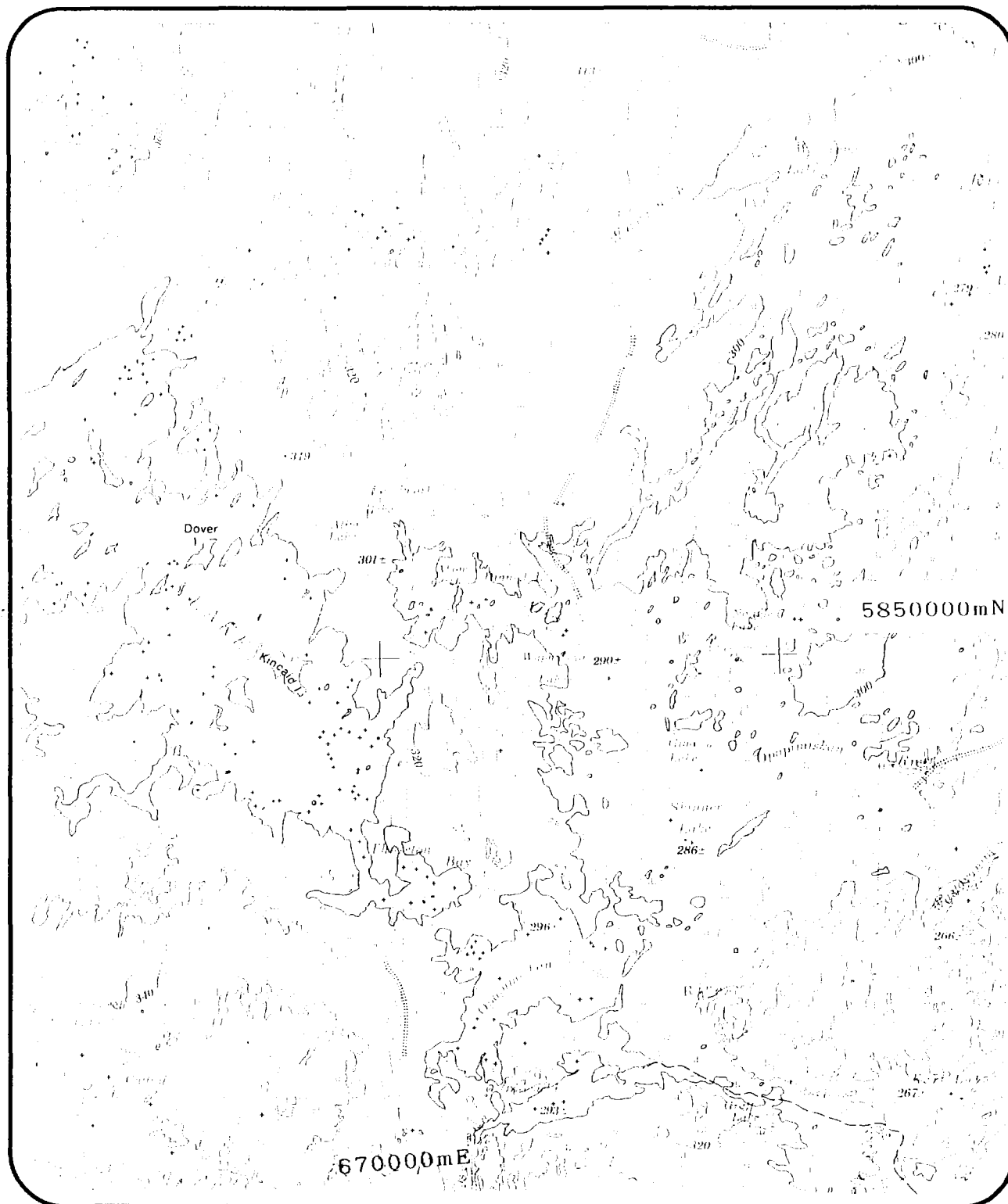


Figure 1 - LOCATION MAP
Lundmark & Akow Lakes
NTS 53B - scale 1:250,000

MAPS

The results of the survey are presented in a series of black line and colour maps at a scale of 1:10,000. Due to the size of the area, each of the two map types had to be divided into three sheets. An index map may be found on each sheet.

The blackline maps contains skeletal topographic features derived from local 1:50,000 scale topographic maps.

Map products are as follows:

- Plate 1. Total Magnetic Field Contours (colour version) on paper
- Plate 1b. Total Magnetic Field Contours (blackline version) on polyester film
- Plate 2. Vertical Magnetic Gradient Contours (colour version) on paper
- Plate 2b. Vertical Magnetic Gradient Contours (blackline version) on polyester film

All the maps show the flight path. Colour contour maps show colour fill plus superimposed line contours.

3. SURVEY SPECIFICATIONS AND PROCEDURES

The survey specifications are summarised in the following table:

AREA NAME	LINE SURVEY		LINE (km)	TIELINES (km)	FLIGHT DIRECTION	DATES FLOWN (1996)
	AREA (km ²)	SPACING (m)				
Lundmark Lake	60.0	50.0	1245.0	70.0	078-258	Feb 19,21-29

Nominal Mag sensor terrain clearance was 100 ft. (bird height above ground, i.e. helicopter is maintained 175 ft above ground). Nominal survey speed was 120 knots/hr. Scan rates for data acquisition was 0.1 second for the magnetometer and 1.0 second for GPS location and altimeter. This translates to a geophysical reading about every 4.5 metres along flight track.

Navigation was assisted by a GPS receiver and data acquisition system which reports GPS co-ordinates as WGS-84 latitude/longitude and directs the pilot over a pre-programmed survey grid. The x-y-z position of the aircraft, as reported by the GPS, is recorded along with terrain clearance, as reported by the radar altimeter, at one second intervals.

A combination magnetometer and GPS base station was set up at the base camp in Pickle Lake. The base station was used to monitor and record the diurnal magnetic variation. In the event of a magnetic storm the survey crew was forewarned and flying postponed until conditions improved. The GPS base station records static GPS positions for later differential correction of the airborne record.

The operator maintained a detailed flight log during the survey noting the times of the flight as well as any unusual geophysical or topographic feature.

On return of the aircrew to the base camp the survey data was transferred to a portable hard drive (PCMCIA) and downloaded to the data processing work station. In-field processing included differential correction of the GPS. The geophysical data and the corrected flight path were sent, via internet, to the main processing centre at the Aero Surveys office in Richmond Hill. Survey lines which showed excessive deviation after differential correction were reflight.

4. AIRCRAFT AND EQUIPMENT

4.1 Aircraft

A McDonnell Douglas 520N "Notar" helicopter - registration C-FPRX - owned and operated by Heli-Max Limited was used for the survey. Installation of the geophysical and ancillary equipment was carried out by Aero Surveys at the airport in Pickle Lake, Ont. The survey aircraft was flown at a nominal terrain clearance of 175 ft.

4.2 Magnetometer

The magnetometer employed a Scintrex CS-2 cesium vapour, optically pumped magnetometer sensor mounted in dedicated bird towed 75 ft below the helicopter. The sensitivity of the magnetometer is 0.001 nanoTesla at a 0.2 second sampling rate.

4.3 Ancillary Systems

Magnetometer and GPS Base Station

An integrated GPS and magnetometer base station was set up at the base of operations to record diurnal variations of the earth's magnetic field. GPS antenna and magnetometer sensor were linked to a laptop computer with a docking station and appropriate processor cards.

The magnetometer sensor was a Scintrex CS-2 mounted on a tripod away from potential noise sources. The clock of the base station was synchronised with GPS time in order to allow correlation with the airborne data. Digital recording resolution was 0.1 nT. The sample rate was once per second. A continuously updated profile plot of the base station values was presented on the base station screen.

The GPS base station employed a Novatel GPS card with external antenna. The static location of the antenna was recorded at one second intervals.

Radar Altimeter

A Terra TRA 3500/TRI 30 radar altimeter was used to record terrain clearance. The antenna was mounted beneath the bubble of the helicopter cockpit.

GPS Navigation System

The navigation system consisted of a Picodas PNAV navigation system comprising a PC based acquisition system, navigate[©] software, a deviation indicator in front of the aircraft pilot to direct the flight, a full screen display with controls in front of the operator, a Novatel GPS receiver card mounted in the PNAV data acquisition console, and a Novatel GPS antenna mounted on the helicopter tail assembly.

Survey co-ordinates are set-up prior to survey and the information is fed into the airborne navigation system. The co-ordinate system employed in the survey design and digital recording is WGS-84 latitude and longitude. The GPS positional data is recorded at one second intervals and used with the base station data to calculate differentially corrected locations.

Digital Acquisition System

A PDAS 1000 data acquisition system collected and recorded the digital survey data on an internal hard disk drive. Data is displayed on an LCD screen as traces to allow the operator to monitor the integrity of the system. Contents and update rates were as follows:

DATA TYPE	SAMPLING	RESOLUTION
Magnetometer	0.1 sec	0.001 nT
Position	1.0 sec	0.1 m
Radar Altimeter	0.1 sec	1 ft
GPS Clock Time	0.1 sec	
System Clock Time	0.1 sec	

5. PERSONNEL

The following Aero Surveys personnel were involved in the project

Field

Party Chief/Data Processor: Keith Hall
Operator: Barry Levy

Office

Data Processing: Andrei Bagrianski, Alessandro Colla
Reporting: Neil Fiset

The survey pilot, Francois Pinard, was employed directly by the helicopter operator - Heli-Max Limited. Overall management of the survey was carried out from the Toronto offices of Aero Surveys by Tim Bodger, President.

6. DELIVERABLES

The survey is described in a report which is provided in two copies. Folded paper copies of the colour maps are bound with the report. The maps on film base are rolled.

The maps were produced at a scale of 1:10,000. The blackline contours (plates 1b & 2b) were plotted on polyester film; the colour versions (plates 1 & 2) were plotted on paper only.

The maps show a skeletal topographic base digitised from a scanned 1:50,000 National Topographic Series (NTS) map. The basic coordinate/projection system used is Universal Transverse Mercator. For reference the NAD27 latitude and longitude are also noted on the maps. All the maps show the flight path trace with time reference fiducials marked at an appropriate interval.

The following table describes the map products accompanying the report:

PLATE NO.	DESCRIPTION
1	Total Field Magnetism contours (colour version)
1b	Total Field Magnetism contours (blackline version)
2	Vertical Gradient Magnetism contours (colour version)
2b	Vertical Gradient Magnetism contours (blackline version)

In addition to the plan maps attached to the report is a bound booklet containing the geophysical data in pseudo-analogue chart form on a line by line basis. The fields and nominal scales are described below:

CHART FIELD	VERTICAL SCALE
Total Field Magnetism - fine	1 cm = 200 nT
Total Field Magnetism - coarse	1 cm = 2000 nT
Altimeter	1 cm = 100 ft

The corrected digital data is archived on floppy diskette(s) in Geosoft XYZ format. In addition the gridded data and the magnetometer base station data is provided digitally. A description of the file formats is delivered with the digital data.

7. DATA PROCESSING AND PRESENTATION

7.1 Base Map

The skeletal base seen in Plate 1 is derived from scanning a 1:50,000 topographic sheet and then vectorising the main hydrological features (rivers, lakes) using CAD overlay under AutoCAD. The map is then output as a DXF file and in turn made compatible with Geosoft by converting to a PLT format.

The basic geographic projection/coordinate system used to create all the maps is the Universal Transverse Mercator system (UTM). All the blocks fall within UTM Zone 15.

7.2 Flight Path Map

The raw flight path, as WGS 84 latitude/longitude, is differentially corrected using the base station GPS record and the University of Calgary's C³NAVTM software. The corrected flight path is then translated into the local UTM co-ordinate system.

The flight path is drawn using linear interpolation between x,y positions from the navigation system. Positions are updated every second and expressed as UTM eastings (x) and UTM northings (y).

The time reference fiducials are drawn on the map at appropriate intervals and are used to reference the pseudo-analogue charts to the plan map.

7.3 Magnetic Data

The aeromagnetic data were corrected for diurnal variations by adjustment using the intersections of the tie lines. No corrections for the regional reference field (IGRF) were applied. The corrected profile data were interpolated on to a 25 m grid using a bicubic spline technique. The grid provided the basis for threading the presented contours. The minimum contour interval is 10 or 20 nT depending on the local magnetic activity.

The vertical gradient of the magnetic field was calculated using Geosoft's MAGMAP programme. Basically the algorithm takes the Fourier transform of the spatial domain Total Field Magnetic grid and then applies a special filter and gradient operator. The frequency domain data is then returned back to the spatial domain and plotted as a colour image. It may also be contoured.

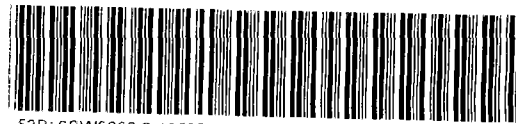
8. CONCLUSIONS

A high resolution helicopter-borne aeromagnetic survey has been completed over a claim block in the North Caribou Lake area, Patricia Mining Division, Northwestern Ontario. Total areal coverage amounts to 60 km². Total survey line coverage is 1315.0 line kilometres (1245.0 km traverse lines plus 70.0 km tie lines). Results have been presented as colour and black line maps at a scale of 1:10,000.

Respectfully submitted,

Neil Fiset, B.Sc.
Aero Surveys Inc.

March 28, 1996



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LUNDMARK LAKE - AKOW LAKE GOLD PROSPECT
NORTH CARIBOU LAKE GREENSTONE BELT

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SUMMARY

The Lundmark Lake-Akow Lake property contains a significant volume of the northern extension of the iron formation that hosts the Musselwhite gold deposits now under development at Opapimiskan Lake, 24 km south of Lundmark Lake. To date only part of the favourable geology of the property has received preliminary exploration.

A two phase exploration program is recommended to test the potential for gold hosted by sulphide mineralization in 23 km strike length of tabular and folded iron formations and shear zones in associated mafic volcanic rocks. The geochemically anomalous gold content and the structural complexity of the iron formation have been identified over most of the property. Additional prospecting and geophysical surveys are needed to refine the identification of diamond drilling targets.

Phase I of the proposed exploration is a program of prospecting, magnetometer, electromagnetometer, and induced polarization surveys. Its objective is to refine the identification of targets for the diamond drilling program of Phase II.

INTRODUCTION

Romios Estates Ltd. staked 23 mining claims in the Lundmark Lake-Akow Lake area of the North Caribou Lake greenstone belt in the spring and summer of 1994. The property was staked because of its apparent stratigraphic and structural association with the large Musselwhite gold deposits at Opapimiskan Lake, 24 km south of Lundmark Lake. (Fig. 1)

The Musselwhite project, a joint venture of Placer Dome Inc. (68%) and TVX Gold Inc. (32%), has known ore reserves (June 1994) of 4.2 million tonnes grading 9.6 grams gold/tonne (4.6 million tons @ 0.28 oz. gold/ton) in the East Bay Zone and 2.9 million tonnes grading 5.9 grams gold/tonne (3.2 million tons @ 0.17 oz. gold/ton) in the West Anticline Zone.

The author was contracted to review the geology and mineral exploration history of the Lundmark Lake-Akow Lake property from published sources and the open-file mineral exploration assessment reports and maps of the Ontario Ministry of Northern Development and Mines, to recommend further exploration, if warranted, and to prepare this summary report.

As detailed in this report, the property has not been explored completely and warrants additional follow-up and primary exploration to test adequately its potential to contain mineable gold mineralization.

PROPERTY DESCRIPTION AND LOCATION

The Lundmark Lake-Akow Lake property is in the centre of the North Caribou Lake greenstone belt. It is 24 km north of the Musselwhite gold deposits. (Fig. 1)

The property consists of 23 contiguous unpatented mining claims, totalling 312 units (4992 hectares or 12,480 acres) in the Patricia Mining Division (Fig. 2). The claim numbers (all series inclusive) are: PA.1208544, PA.1208557-PA.1208565, PA.1208569, PA.1208573-PA.1208575, PA.1208991-PA.120894, PA.1209235-PA.1209237, and PA.1209251-PA.1209252.

The property mineral rights are wholly owned by Romios Estates Ltd.

ACCESS, CLIMATE, AND LOCAL RESOURCES

Access to the area is by float or ski aircraft from the town of Pickle Lake, 160 km south of Lundmark Lake. Lundmark Lake is also 24 km north of Opapimiskan Lake, the terminus of a winter road from Highway 808.

The climate of the area is polar continental, notable for prolonged winter conditions of sub-freezing temperatures and moderate to heavy snow cover. The temperate season of usually moderate rainfall is from May through October.

The property is in the Northern Coniferous Section of the Boreal Forest. The land is approximately 80% forested; tree species vary with drainage and the extent of past wildfires, and are an even distribution of mixed forest and concentrations of deciduous and coniferous trees. The main conifers are spruce, tamarack, and jackpine; the deciduous trees are aspen, birch, and alder. Muskeg covers the remainder of the property. The remoteness of the area and the generally non-commercial quality of its timber have precluded logging.

Topographic relief rarely exceeds ten meters.

GEOLOGY

The Lundmark Lake-Akow Lake property is within the Sachigo Subprovince of the Superior Province of the Precambrian Shield. The claims straddle the clastic metasedimentary core and flanking North Rim and South Rim mafic metavolcanic rocks of the Early Precambrian North Caribou Lake greenstone belt. The area is in the southeast striking, central part of the synformal greenstone belt (Fig. 3). Within the metavolcanic rocks, near and subparallel to their contact with the metasedimentary rocks, are segments of the Eyapamikama-Akow lakes and Hatch Lake iron formations. (Breaks, 1986; Thurston, 1991)

The metavolcanic rocks are mafic flows, flow breccias,

amphibolites, and schists of chlorite-actinolite to hornblende-plagioclase composition. The clastic metasediments are mainly a variety of fine grained sandstones and mudstones; some units locally contain biotite, garnet, or staurolite porphyroblasts.

The iron formations are mapped primarily on their strong magnetic signature. The western (Eyapamikama-Akow lakes) iron formation is relatively well exposed from east of Lundmark Lake to Akow Lake; a small outcrop area also occurs in the northwest corner of the property. It is subvertical, 10 m to 35 m thick, and varies from chert-magnetite to chert-grunerite in composition. Sulphides, pyrite and pyrrhotite, are common as gossans in the grunerite zones and as lenses in small shear zones, boudinaged necks in chert layers, and in the axial planar cleavage of folds where grunerite has replaced magnetite.

The eastern (Hatch Lake) iron formation is exposed only in a few small outcrops on the property but it is clearly identifiable by its aerial magnetic signature. (Fig. 4; Breaks, 1986; OGS, 1985)

The iron formations are part of the same stratigraphic unit that hosts the Musselwhite gold deposits at Opapimiskan Lake (Fig. 1)

MINERAL EXPLORATION HISTORY

Significant assay results and mineralization discoveries are plotted on Figure 5. Additional mineralization is noted on Figure 3.

In 1962, Inco Ltd. drilled a 422 Ft. hole in mafic volcanics near the sedimentary contact in the southeast corner of the property. The hole intersected minor pyrite and pyrrhotite in brecciated quartz and quartz-mica-garnet schist. (Inco Ltd., 1962)

Inco Ltd. also drilled five shallow packsack drill holes in the northwest part of the claims, north of Lundmark Lake, in 1962-1963. Only two of the holes reached bedrock and the northern drill hole intersected 74 ft. of chert-magnetite iron formation. No assays were reported. (Inco Ltd., 1963)

In 1982, Cominco Ltd. conducted an overburden drilling program along a southeast linear traverse that included 6.5 km on the Romios property, from the east side of Lundmark Lake to the south boundary of the claims (Cominco Ltd., 1982). They sampled till for gold, copper, lead, and zinc in 53 of the 61 holes drilled (1 ft.-30 ft. hole depths; 755 ft. total footage drilled). The highest gold assays were from 24 ppb to 86 ppb (between Akow Lake and Atim Lake, and southwest of the south bay of Akow Lake). The base metal assays ranged from 5 to 60 ppm.

In 1983, Eldor Resources Ltd. drilled two diamond drill holes in the northwest corner of the property, one through the iron formation and the other in mafic metavolcanics. The drilling followed ground magnetic and electromagnetic surveys of a large

area northwest of the property. The holes intersected disseminated pyrrhotite, pyrite, and chalcopyrite; and pyrrhotite and pyrite, respectively. No significant gold assays were reported.

In 1985, Aerodat Limited flew a helicopter magnetic and electromagnetic survey of the North Caribou Lake greenstone belt. The survey covered the property (Fig. 4; OGS, 1985). Both iron formations and a segment of a possible third (north of Atim Lake) are outlined clearly, together with continuous coincident zones of varying conductive intensity. Megascopic boudinage of the iron formation into segments from one to three kilometers long, separated by narrow areas one half kilometer long, also are well defined. Additional significant features are the probable expression of isoclinal folding within the iron formation: east and west of the north part of Akow Lake, north of Atim Lake, and east of Lundmark Lake.

The southeast extremity of the property, south of the north half of Akow Lake, was explored in 1985 by Geocanex Ltd. for Moss Resources Ltd. and 635479 Ontario Ltd. (Geocanex Ltd., 1985; 1986). Geocanex Ltd. did geological mapping, prospecting, trenching, and ground magnetic and electromagnetic surveys.

Assay results were up to 445 ppb gold from a quartz vein in mafic volcanics and 60 ppb gold in iron formation near the north end of the surveyed area. The geophysical surveys identified five closely spaced linear conductors that parallel 5000 ft. stratigraphic width in the southeast corner of the property. Their convergence suggests the presence of more extensive isoclinal folding than indicated by the OGS airborne survey (Figs. 4 & 5).

In 1987, Geocanex Ltd. did ground magnetic and electromagnetic surveys, geological mapping, prospecting and trenching for Explora-Five and Power Explorations Inc. on the west-central part of the Romios property, primarily the outcrop area from the northeast side of Lundmark Lake to the west side of the north half of Akow Lake (Fig. 5; Geocanex Ltd., 1987a & 1987b). The ground geophysical surveys confirmed the airborne survey definition of the iron formation and the distribution of conductive zones within and concordant to it. The latter may represent graphite, sulphides in metavolcanics or metasediments, or shear zones. In addition, two west to northwest fault/shear zone displacements were detected.

Bedrock sampling yielded numerous gold assays of up to: 790 ppb in gossans of sulphide bearing grunerite and magnetite iron formation; 190 ppb in mafic metavolcanics; 100 ppb in metasediments (wacke); 235 ppb in a quartz vein; and 170 ppb in a shear zone in metavolcanics (basalt).

MINERAL OCCURRENCES and their STATE of DEVELOPMENT

There is no history of attempts to develop any of the mineral occurrences noted on the Romios Estates Ltd. property, beyond the exploration cited above.

CONCLUSION and RECOMMENDATIONS

Prospecting on half of the outcrop area of the property and only partially within one poorly exposed iron formation has resulted in the discovery of numerous occurrences of anomalous gold content in several rock types and shear zones, in addition to gold within iron formation.

In total, less than half of the property has received primary geological and geophysical exploration. That work forms the base for advanced exploration and identifies the remaining, unexplored areas of the property.

The Lundmark Lake-Akow Lake claims contain 23 km strike length of iron formations that are spatially, compositionally, and structurally analogous to the gold hosting geology of the Musselwhite deposits. The iron formation on the property has been tested by only one deep and one shallow drill hole (Eldor Resources Ltd., 1983; Inco Ltd., 1963).

There are at least thirteen areas that should be drilled to test for gold associated with sulphides in the iron formations. They are geophysically well defined attenuation (boudinage) and isoclinal fold zones of the iron formations; conductive zones coincident with areas of decreased magnetic susceptibility in the iron formations; and conductive zones with possible gold-bearing sulphides in shear zones subparallel to the iron formations.

Precise drilling targets should be selected after an induced polarization survey of the southwest part of the property, to follow-up the primary ground geophysical surveys of Geocanex Ltd.

Ground magnetic and electromagnetic surveys of the remainder of the airborne identified iron formations in the northwest and southwest parts of the property, outside the area surveyed by Geocanex Ltd., also should be conducted and followed by induced polarization surveys of selected areas.

Surface prospecting and mapping of most of the property iron formation outcrop areas has been done; however primary prospecting is warranted in the northwest corner and in the area east of the projected Hatch Lake iron formation north of Akow Lake (Fig. 5). This work could be done concurrently with the ground geophysical surveys.

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CERTIFICATE OF THE AUTHOR

I, EDWARD D. FREY, hereby certify that:

1. I am an independent consulting geologist, residing in Wawa, Ontario (P.O. Box 1536, Wawa, Ontario POS 1K0).
2. I received a Bachelor of Arts degree (four year program, geology major) from Augustana College (Illinois) in 1966.

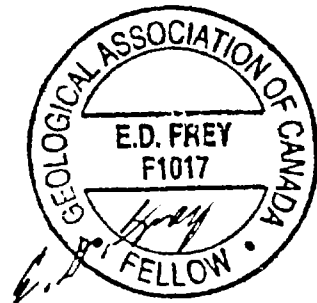
I continued my formal geological education as a graduate student and teaching assistant at Pennsylvania State University (1966-1969) and the University of Waterloo (1972-1975).

I have been practicing my profession continuously in Ontario since 1969, through private and public sector, and self employment.

I am an elected (1974) Fellow of the Geological Association of Canada.

3. I have not personally examined the Lundmark Lake - Akow Lake property of Romios Estates Ltd. in the North Caribou Lake greenstone belt, Patricia Mining Division, northwestern Ontario, described in my attached report.
4. The information contained in the attached report is based on the references cited: published maps and reports of the Ontario Geological Survey, open-file exploration assessment maps and reports obtained from the Sioux Lookout and Toronto Resident Geologist offices of the Ontario Ministry of Northern Development and Mines, and public company annual reports and press releases.
5. I have not received, nor do I expect to receive, directly or indirectly, any interest in the mining claims of Romios Estates Ltd. or of any affiliate of the company.
6. I hereby consent to the use of my attached report in a prospectus or other statement related to the raising of funds for mineral exploration.

respectfully submitted,



E. D. Frey

Edward D. Frey
20 September 1994

ph: 705-856-1355

LEGEND^{a,b}

PHANEROZOIC
QUATERNARY
RECENT

Stream, lake, and swamp deposits

PLEISTOCENE

Glacial, glaciolluvial, and lacustrine deposits

UNCONFORMITY

PRECAMBRIAN

LATE PRECAMBRIAN (?)

UNMETAMORPHOSED ROCKS

MAFIC INTRUSIVE ROCKS

10 10a Diabase

EARLY PRECAMBRIAN

UNMETAMORPHOSED ROCKS

INTERMEDIATE TO FELSIC INTRUSIVE ROCKS

9 9a Granite pegmatite

METAMORPHOSED ROCKS^{c,d}

INTERMEDIATE AND FELSIC INTRUSIVE ROCKS

8 8 Unsubdivided^f

8a Diorite

8b Quartz diorite

8c Trondhjemite

8d Tonalite

8e Granodiorite

8f Granitic pegmatite

8h Biotite trondhjemite

8j Granite

8k Quartz monzonite

8m Gneissic granite

8n Xenolithic felsic intrusive rocks (xenolith-composition indicated in parentheses)

8p Mylonitized granitoid rocks

8q Biotite-muscovite ± fluorite trondhjemite/syenite

8r Biotite-tonalite gneiss

8s Hornblende-biotite tonalite gneiss

8u Garnet-muscovite ± tourmaline granite

INTRUSIVE CONTACT

MAFIC INTRUSIVE ROCKS

7 7a Gabbro (CI = 35-90)

7b Leucogabbro (CI = 10-35)

7c Plagioclase-phyric gabbro

7d Mafic dikes, sills, small intrusions not related to mafic volcanic rocks

7f Peridotite

7h Ultramafic rocks and altered equivalents of probable intrusive origin

7j Amphibolite

7k Anorthositic gabbro

7l Gabbroic anorthosite and anorthosite

INTRUSIVE CONTACT

METASEDIMENTS

CHEMICAL METASEDIMENTS

6

6a Chert

6b Chert with pyrite and pyrrhotite

6c Chert-grunerite iron formation

6d Chert-magnetite iron formation

6e Banded iron formation tectonic breccia

6f Garnet-actinolite layers associated with banded iron formation

CLASTIC METASEDIMENTS

4

4 Unsubdivided^g

4a Clast-supported conglomerate

4b Matrix-supported conglomerate

4c Oligomictic conglomerate

4d Polymictic conglomerate

4e Boulder (>256 mm) conglomerate

4f Cobble (64 to 256 mm) conglomerate

4g Pebble (4 to 64 mm) conglomerate

4h Granule (2 to 4 mm) conglomerate

4k Wacke

4m Arenite

4n Mudstone

4p Feldspathic wacke

4r Feldspathic arenite

4t Quartz arenite

4u Amphibole-bearing mudstone/sandstone/conglomerate

4v Biotite-bearing mudstone/sandstone

4w Garnet-bearing mudstone/sandstone

4x Chlorite-bearing mudstone/sandstone conglomerate

4y Amphibole ± biotite-bearing foliated rock of probable sedimentary origin

4z Ultramafic rock interbedded with metasediments

4B Andalusite-bearing metasediments

4D Garnet-rich layers associated with metapelites and/or banded iron formation

METAVOLCANICS

INTERMEDIATE (CI = 10-35) AND FELSIC (CI = 0-10) METAVOLCANICS

3

3a Intermediate flow

3b Intermediate pyroclastic breccia, tuff-breccia

3c Intermediate tuff, lapilli-tuff

3d Felsic flow

3e Felsic pyroclastic breccia, tuff-breccia

3f Felsic tuff, lapilli-tuff

3g Subvolcanic rocks, unsubdivided

3h Subvolcanic quartz-plagioclase porphyry

3j Subvolcanic quartz-porphyry

3k Subvolcanic plagioclase-porphyry

3m Felsic volcaniclastic rocks^e

3p Intermediate dikes, sills, small intrusions

MAFIC METAVOLCANICS

2

2 Unsubdivided^g

2a Massive, fine- to medium-grained flow

2b Amygdaloidal flow

2c Pillowed flow, pillow breccia, hyaloclastite

2e Flow breccia

2g Pyroclastic breccia, tuff-breccia

2h Tuff, lapilli-tuff

2j Medium- to coarse-grained flow centres

2k Dikes, sills, small intrusions

2m Chlorite-actinolite schist of probable volcanic origin

2n Variolitic flow

2p Amphibolite

2q Metavolcanics containing diopside-plagioclase-epidote ± tourmaline ± garnet pods and/or layers

2r Hornblende-plagioclase schist characterized by millimetre- to centimetre-scale layering

2s Hornblende-porphroblastic

2t Biotite-bearing metavolcanics

2u Garnet-bearing metavolcanics

ULTRAMAFIC METAVOLCANICS

1

1a Massive flow

1b Spinifex-textured flow

1c Oliphant (polysuture)-textured flow

1d Taic-carbonate ± magnetite ± tremolite ± serpentine schist of probable volcanic origin

1e Flow top breccia

1f Pillowed flow

1h Variolitic flow

Notes

a. This is basically a field legend and may be changed as a result of subsequent laboratory investigations.

b. This legend is intended to compliment that of the previously published adjoining Map P.2965 (see Breaks *et al.* 1986). Those units and subunits missing from this legend are present in the legend for Map P.2965 (see Breaks *et al.* 1986).

c. Succession of intrusive rock units is not, in general, established.

d. Numerical succession does not imply order of deposition; many units are repeated stratigraphically, or are laterally equivalent.

e. The term "volcaniclastic" is used here to denote fragmental volcanic rocks whose mechanism of fragmentation is uncertain, commonly due to deformation.

f. Rock identification based on airborne observation.







g. Rock subdivision presently not known.







The letter "G" preceding a rock unit number, for example "G2", or preceding structural, geological boundary and iron formation designations, that is "G Fault", "GIC" and "GIF" respectively, indicates interpretation based on geophysical data only.







The letter "C" preceding a rock unit number, for example "C4", indicates that the outcrop position and identification has been compiled from published and unpublished data or assessment files; the outcrops were not examined.

The letter "D" preceding a code, for example "D2a (py, po)", refers to data compiled from diamond-drill logs filed for assessment work credits, Assessment Files Research Office, Ontario Geological Survey, Toronto (AFRO).

















DGS P.GEOL. MAPS 2834/2965/3080/2 3081

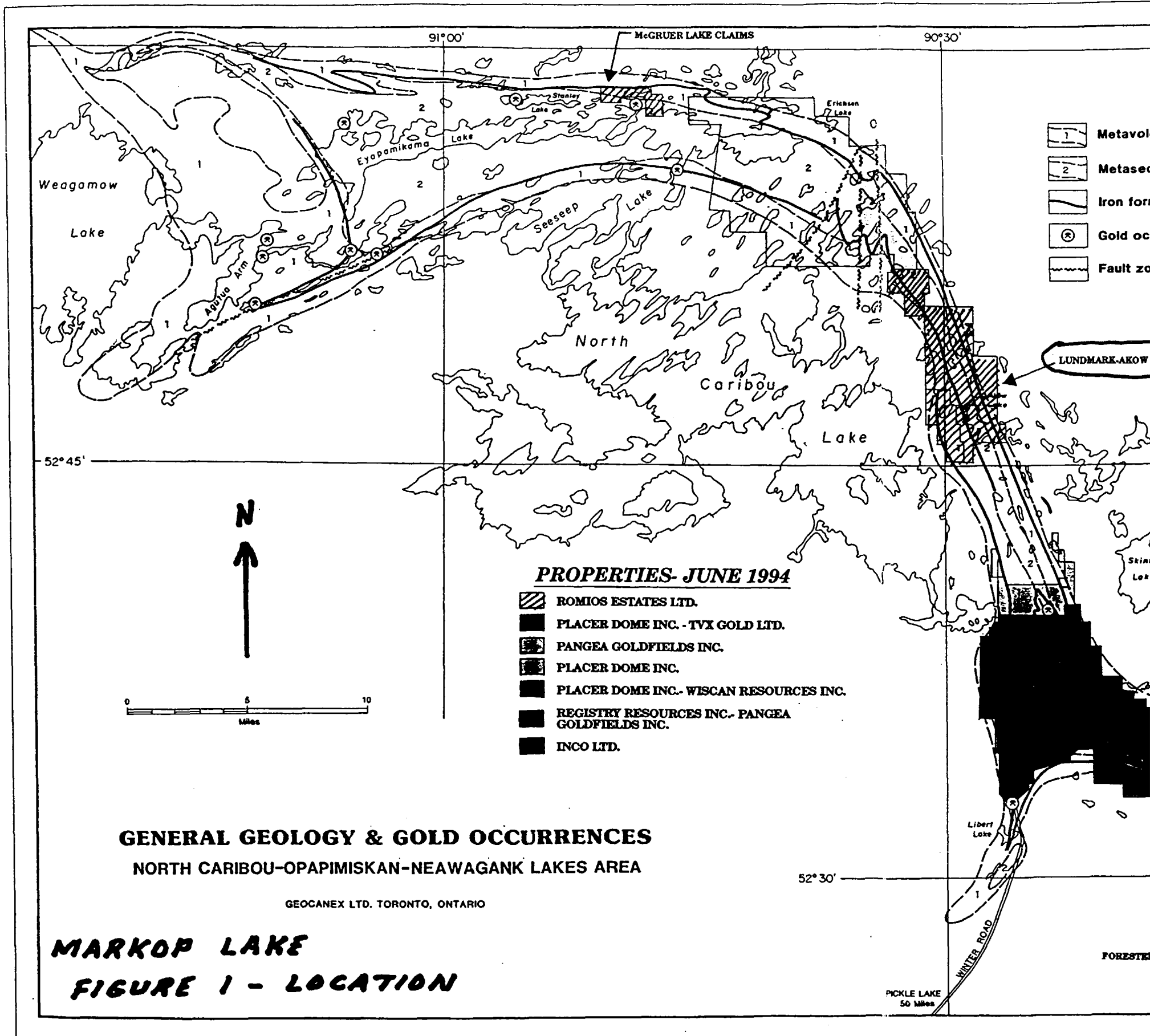
	Exploration trenching; width indicated, where known
	Shear zone; (dip unknown, inclined, vertical); arrows indicate direction of shear, where known
	Fault; position interpreted from geophysics
	Fault/deformation zone; observed and interpreted from geophysics
	Small bedrock outcrop
	Area of bedrock outcrop

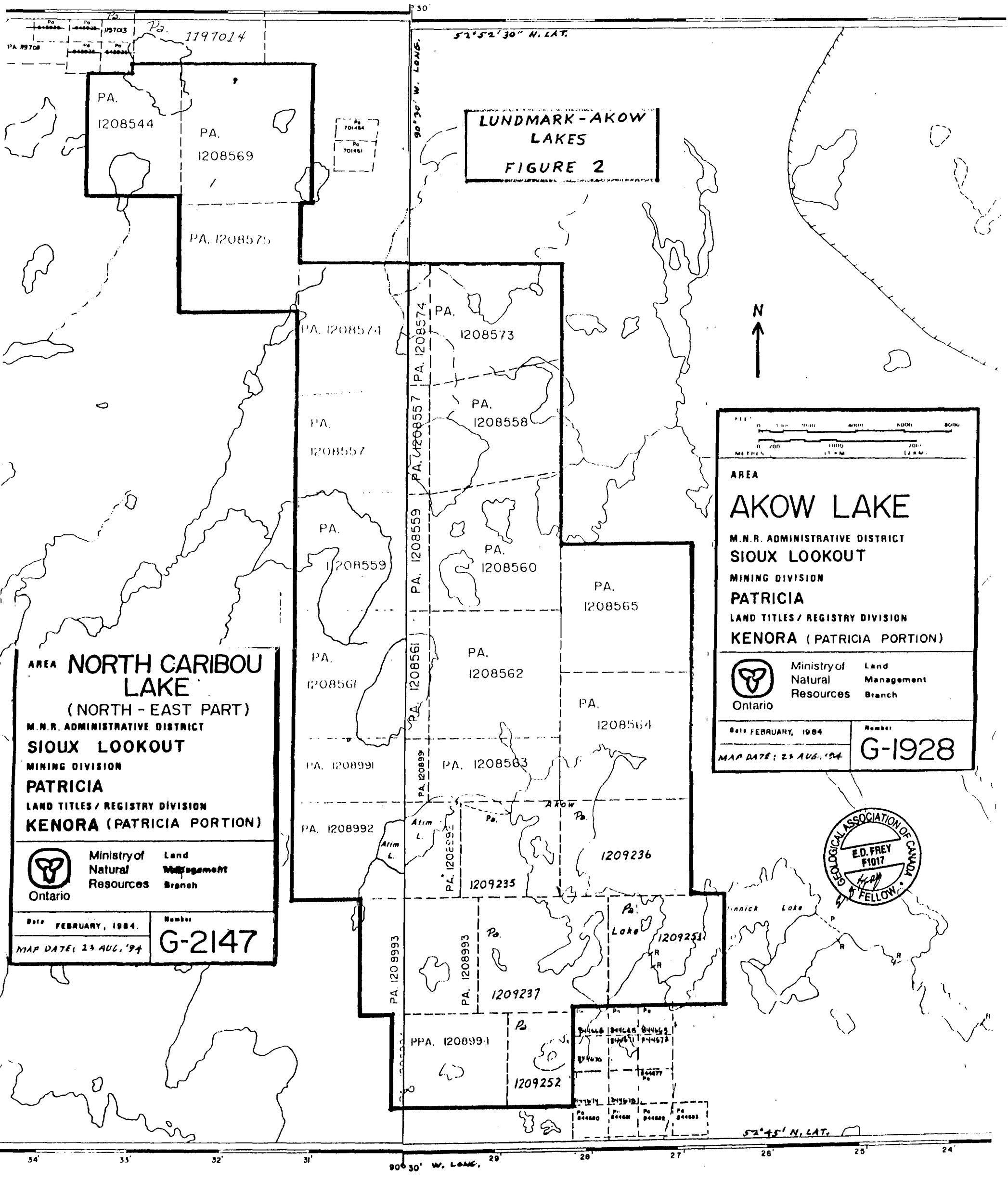
	Bedding; (inclined, vertical)
	Bedding; (inclined, vertical, overturned); top indicated by arrow
	Bedding; (inclined, vertical, overturned); top (arrow) from grain gradation
	Lava flow; top (arrow) from pillow shape and packing
	S ₁ foliation; (dip unknown, inclined, vertical)
	S ₂ foliation; (dip unknown, inclined, vertical)

	Parallel bedding and foliation; (dip unknown, inclined, vertical)
	Gneissosity; (inclined, vertical)
	Joints; (inclined, vertical)
	Lineation with plunge; generation uncertain
	Mineral and stretch lineations with plunge; (L ₁ , L ₂)
	Intersection lineations with plunge (S ₀ -S ₁ , S ₁ -S ₂)

SYMBOLS (FIG. 3)

	Geological boundary; (observed, inferred, geophysically interpreted)
	Iron formation; (interpreted from aeromagnetics, drillhole data); width exaggerated in some areas
	Mesoscopic folds, geometry known (observed fold profile); with or without fold axial trace or axial plane symbol and/or plunge symbol attached
	Fold axial trace; axial plane where dip known
	Dikes; width exaggerated on map; (vertical, inclined, dip unknown)
	Drillhole; (inclined); intersected lithology and mineralization indicated
	Magnetic attraction
	Extent of survey
	Location of Property
	Gold showing
	Mineral occurrence at the surface
	Location of assay samples
	Fold axis, with plunge; geometry (observed) of fold shown; fold generation indicated: (F ₁ , F ₂ , F ₃)
	Fold axis, with plunge; geometry (observed) of fold shown; (generation not known)
	Axial trace of macroscopic folds; (antiform, synform)
	Quartz veins, width exaggerated on map; width, where known, is indicated in parentheses; (vertical, inclined, dip unknown); veins of other composition specified



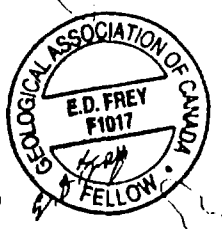


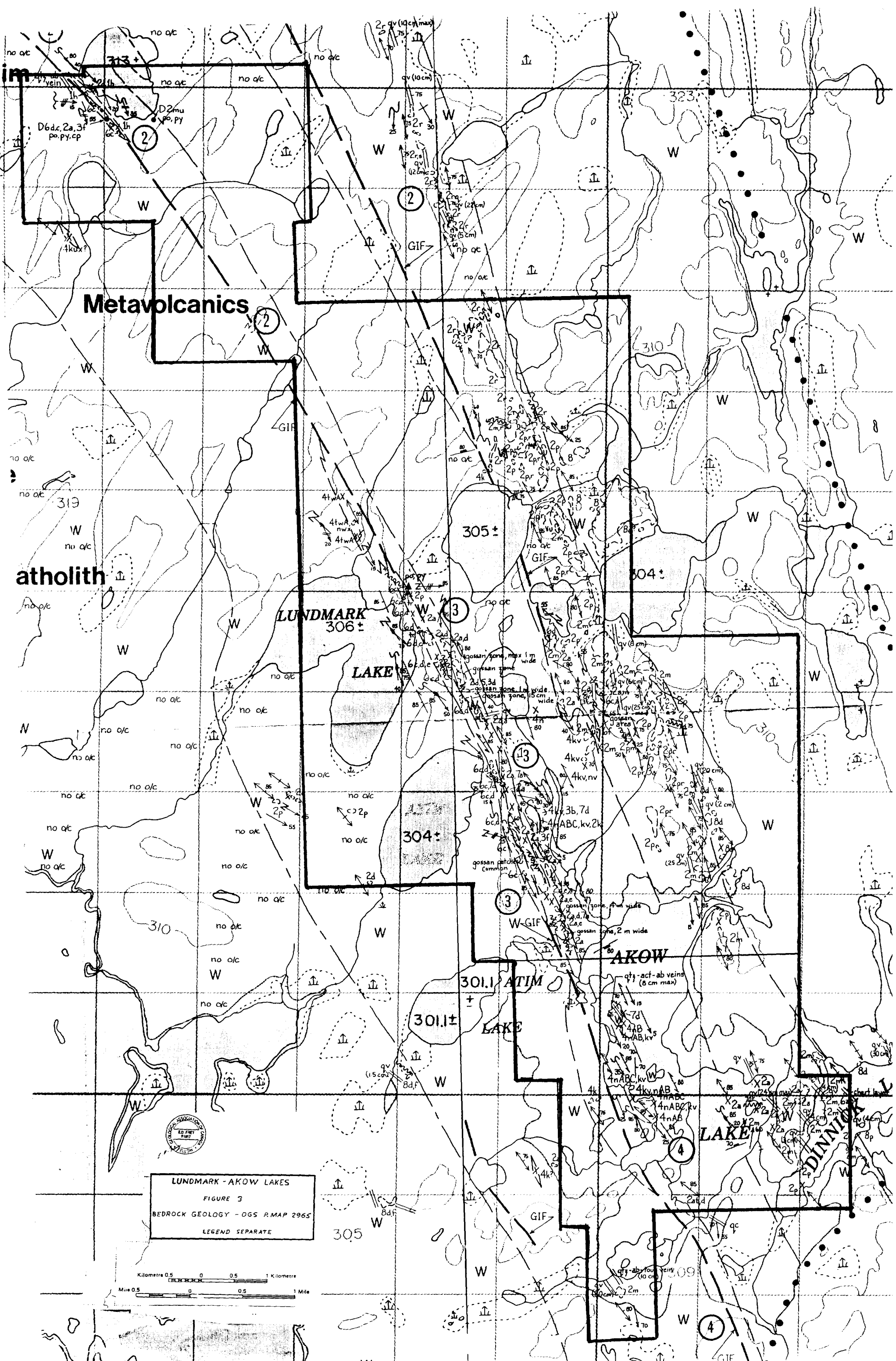
**LUNDMARK-AKOW
LAKES
FIGURE 2**

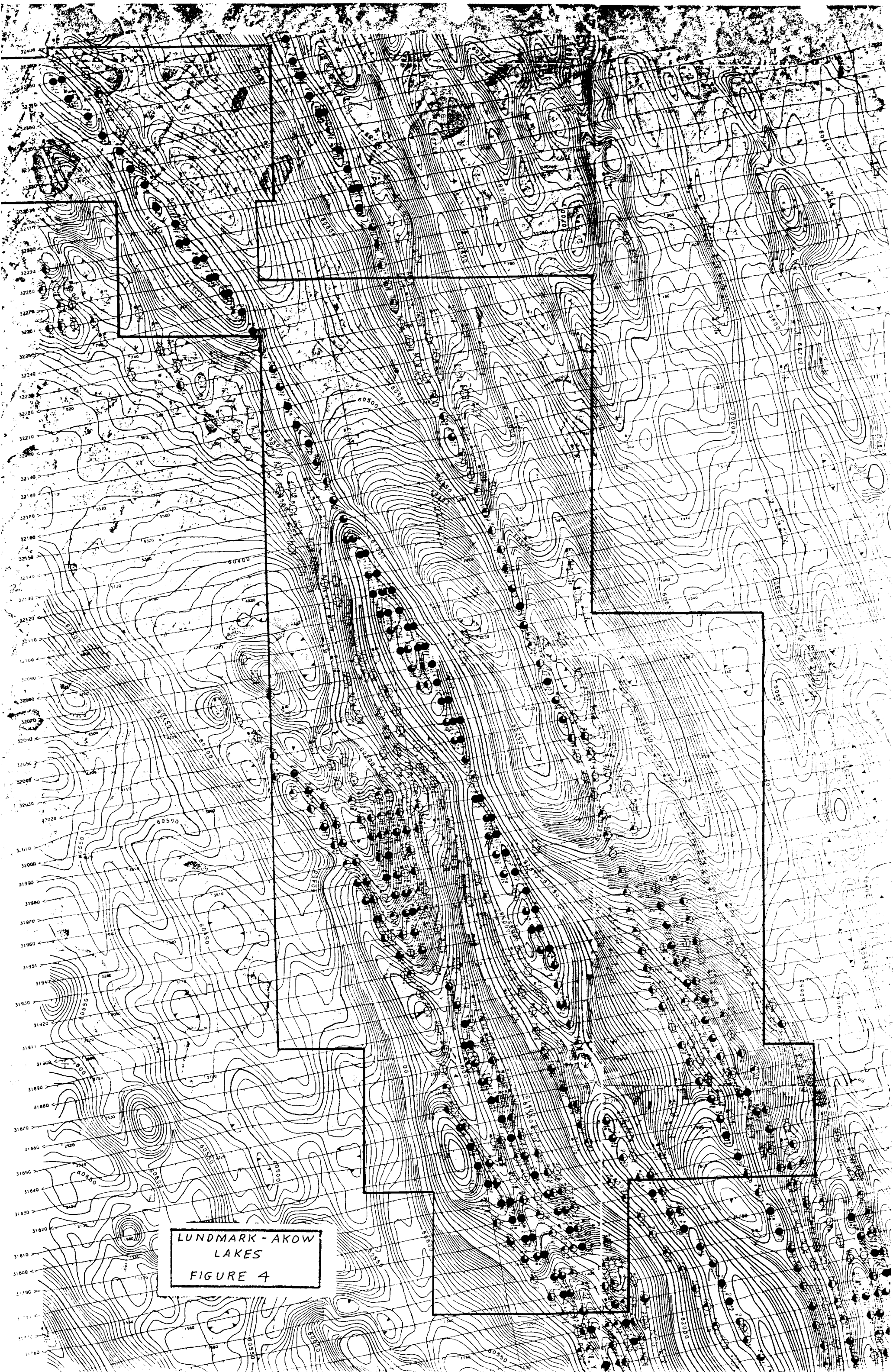


AREA AKOW LAKE M.N.R. ADMINISTRATIVE DISTRICT SIoux LOOKOUT MINING DIVISION PATRICIA LAND TITLES / REGISTRY DIVISION KENORA (PATRICIA PORTION)	
	Ministry of Land Natural Management Resources Branch
Date: FEBRUARY, 1984 MAP DATE: 23 AUG. '94	Number: G-1928

AREA NORTH CARIBOU LAKE (NORTH - EAST PART) M.N.R. ADMINISTRATIVE DISTRICT SIoux LOOKOUT MINING DIVISION PATRICIA LAND TITLES / REGISTRY DIVISION KENORA (PATRICIA PORTION)	
	Ministry of Land Natural Management Resources Branch
Date: FEBRUARY, 1984. MAP DATE: 23 AUG. '94	Number: G-2147







LUNDMARK - AKOW
LAKES
FIGURE 4



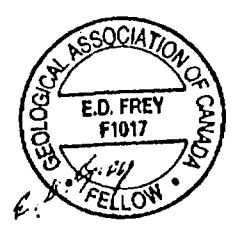
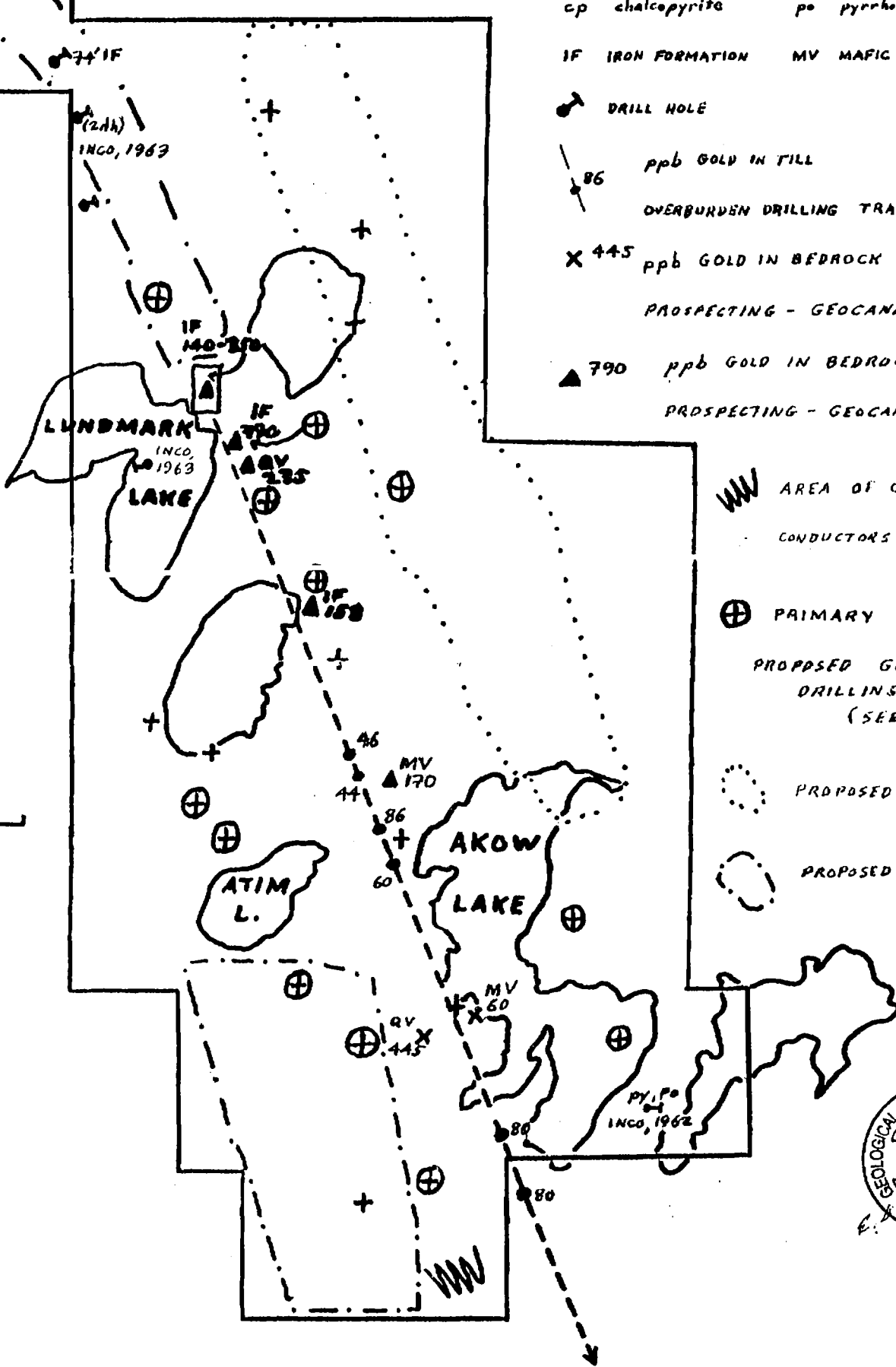
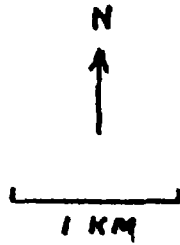
FIGURE 5

ASSAYS, MINERALIZATION, AND RECOMMENDED EXPLORATION

LEGEND

- cp chalcopyrite po pyrrhotite py pyrite
- IF IRON FORMATION MV MAFIC VOLCANICS QV QUARTZ V
- ⊕ DRILL HOLE
- 86 ppb GOLD IN TILL
- OVERBURDEN DRILLING TRAVERSE - COMINCO, 1982
- X 445 ppb GOLD IN BEDROCK
- PROSPECTING - GEOCANEX, 1985
- ▲ 790 ppb GOLD IN BEDROCK
- PROSPECTING - GEOCANEX, 1987

- W W AREA OF CONVERGENT VLF-EM CONDUCTORS - GEOCANEX, 1986
- ⊕ PRIMARY + SECONDARY
- PROPOSED GEOPHYSICAL DRILLING TARGETS (SEE ALSO FIG. 4)
- ⊙ PROPOSED SURFACE PROSPECTING
- ⊖ PROPOSED MAG. & E.M. SURVEY





53B16SW0002 2 16595 AKOW LAKE

030

**LUNDMARK-AKOW LAKE CLAIMS
NORTH CARIBOU LAKE GREENSTONE BELT
PICKLE LAKE AREA, ONTARIO**

Report prepared for : ***ROMIOS GOLD RESOURCES INC.***

Report prepared by: **FRANK GLASS**
Geologist/Geophysicist
January 31, 1996
Toronto, Ontario

January 30, 1996

ROMIOS GOLD RESOURCES INC.
147 Oakwood Avenue
Toronto, ON
M6E 2T7

SUBJECT: AIRBORNE GEOPHYSICS
 LUNDMARK-AKOW LAKES PROPERTY
 PICKLE LAKE AREA, ONTARIO

The Lundmark - Akow Lakes gold prospect comprises a total of 318 contiguous claims centred near longitude 90 30'W and latitude 52 55'N. The property is situated about 25 km north of the Placer Dome Inc.-TVX Gold Ltd. Musselwhite joint venture gold deposit. The Musselwhite deposit is accessible by an all weather road from Pickle Lake 80 km to the south.

The Lundmark-Akow Lakes property straddles part of a lengthy and continuous meta-sedimentary and meta-volcanic folded rock sequence known as the North Cariboo Lake Greenstone Belt. Limited exploration work dating from 1962 to 1988 has been completed over parts of the property. In 1985, the greenstone belt, in its entirety was surveyed for the Ontario Geological Survey (OGS) using a helicopter-borne magnetic and electromagnetic system (Aerodat). Flight line spacing was 200m. The airborne data, in contour format for the magnetic survey, are available at a scale of 1:20 000. These airborne data were later reprocessed, in solid colour, contour format, for Geocanex for use in its ground exploration activities in the area. As part of the ground exploration work completed by Geocanex, grid lines were cut over the southern half of the strike length of the central iron formation and this area was surveyed for magnetic and electromagnetic (VLF) response. The other two magnetic meta-sedimentary formations straddling the central belt were not examined.

The regional OGS aero-magnetic data have been examined in a preliminary fashion to interpret the presence of cross-cutting and oblique structures that intersect the three magnetic iron formations on the Lundmark-Akow Lakes area. Several such structures have been identified and suggest

the presence of favourable alteration zones.

The cost of preparing and surveying only five blocks varying from 1,5 km x 1,2 km in size would approach about \$20,000.00. This would still leave a significant portion of the property unmapped at high resolution.

Current practice in the exploration of complex folded structural corridors, and particularly where magnetic iron formation is present, is to use high resolution surveys where the line spacing approaches 50 m or better. Several major exploration companies now use this approach in airborne surveys to obtain complete and detailed mapping of their new areas of interest. Real time flight-line navigation and rapid instrument measurement ensure that airborne surveys produce very high resolution data bases that are essential for the detailed recognition of important small-scale fold structures.

The Lundmark-Akow Lakes property could be outlined within a rectangular block of about 50km x 12km. If this block were to be examined by an aero-magnetic survey, with a line spacing of 50 m, the total line coverage would approach 1200 line-kilometers. The data base acquired could then be used, with increased reliability, to identify the structurally complex zones that could have greater potential for hydrothermal alteration and also enhanced gold mineralisation.

Ground follow-up of the target areas would involve minimal grids on which potential drill targets could then be identified.



F. Glass
Geologist/Geophysicist
(APGGQ)
Toronto, ON



Report of Work Conducted After Recording Claim

Mining Act

Transaction Number
W9630.00037

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about the 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.

Instructions: - Please complete and submit in duplicate.

- Refer to the Mining Act
- Refer to the Mining Act
- Assessment work or consult the Mining Act
- Assessment work or consult the Mining Act
- Assessment work or consult the Mining Act
- Assessment work or consult the Mining Act



53B16SW0002 2 16595 AKOW LAKE

900

assessment work or consult the Mining Act
dup.
pany this form.

RECEIVED
JUN 24 All: 3
Received

Recorded Holder(s) Romios Estates Ltd.		Client No. 3003625
Address 147 Oakwood Avenue		Telephone No. (416) 653-1162
Mining Division Patricia	Township/Area N. Gribou Lake / Akow Lake	M or G Plan No. G-2147, G-1928
Dates Work Performed From: 01 JAN 96 June, 1994	To: May, 1996	

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	Helicopter-borne magnetic survey, compilation and interpretation of existing data, geological report
Physical Work, Including Drilling	(WIO - MAG/GEOL)
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

RECEIVED
JUN 10 1996
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs \$ 66,246.00

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
Aero Surveys Inc.	Unit 12, 30 West Beaver Creek Road, Richmond Hill, Ontario, L4B 3K1
Edward D. Frey, FGAC	P.O. Box 1536, Wawa, Ontario, P0S 1K0
Frank Glass, Geologist, Geophysicist	71, Avenue Laurier, Quebec City, Quebec, G1R 2K6

(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 May 18/96	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 Anastasios (Tom) Drivas, 147 Oakwood Avenue, Toronto, Ontario, M6E 2T7		
Telephone No. (416) 653-1162	Date May 18, 1996	Certified By (Signature)

For Office Use Only

Total Value Cr. Recorded \$ 66,246	Date Recorded 96MAY21	Acting Mining Recorder <i>[Signature]</i>	Received Stamp First Received By Fax 96MAY21
	Deemed Approval Date 96AUG21	Date Approved	
	Date Notice for Amendments Sent		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
2-16595	1308561	16
	1208559	16
	1208557	12
	1308562	16
	1308363	8
	1308565	16
	1308564	16
	1309335	9
	1209337	16
	1309352	6
	1309351	16
1309336	12	
1308558	12	
1308560	16	
1308573	16	
1305574	16	
1308575	12	
Sub-Total Number of Claims		921

Value of Assessment Work Done on this Claim	Value Applied to this Claim
\$ 3333.00	\$ 6400.00
3333.00	6400.00
3300.00	4800.00
3333.00	6400.00
1667.00	3200.00
3333.00	6400.00
3333.00	6400.00
1875.00	3600.00
3333.00	6400.00
1350.00	2400.00
3333.00	6400.00
2500.00	4800.00
2500.00	
3333.00	
3333.00	
2500.00	
\$ 145,122.00	\$ 63,600.00

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	146
\$ 14999.00	

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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: _____ Date: 07 May 18/96

63370
Continued next page

44 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	1308569	16
	1308544	16
	1308991	12 ✓
	1308992	15 ✓
	1308993	16 ✓
	1308994	12 ✓
Total Number of Claims		87 units

Value of Assessment Work Done on this Claim	Value Applied to this Claim	
\$3333.00		
3333.00		
2500.00		
3125.00		
3333.00		
2500.00		
Total Value Work Done		\$6,396.00
Total Value Work Applied		\$6,360.00

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date	
\$3333.00		
3333.00		
2500.00	\$2644.00	
3125.00		
3333.00		
2500.00		
Total Assigned From		\$3,791.00
Total Reserve		\$2,644.00

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:

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

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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:

<p>I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.</p>	<p>Signature </p>	<p>Date 6/27/96</p>
--	-------------------	--



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
W9630.00037

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2.16595
SEP 30 1996

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. Adresse: Louis Quéran, 401 La Collece 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	N/A	NIL
Contractor's borne and Consultant's Fees Interpretation of Droits de Geological, Geophy- l'entrepreneur sical & Mineral et de l'expert Exploration Data conseil Geological Reports	Type Helicopter	\$56085.50	
	Type mag survey	\$8479.00	
	Type	\$1200.00	\$65764.50
Supplies Used Fournitures (I. utilisées	Type Data Acquisition (Power)	481.50	
		\$	481.50
Equipment Rental Location de matériel	Type		
		\$	NIL
Total Direct Costs Total des coûts directs			\$66,246.00

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		
	N/A		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			N/A
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)	\$66,246.00

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	Evaluation totale demandée
	× 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 TOM DRIVAS - PRESIDENT I am authorized
(Recorded Holder, Agent, Position in Company)
(Romios Estates Ltd.)
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
Sept. 27, 1996

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines



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

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

December 5, 1996

Sharon Kemash
Mining Recorder
Queen and Fourth
P.O. Box 3000
Sioux Lookout, ON
P8T 1C6

Dear Sir or Madam:

Submission Number: 2.16595

Subject: Transaction Number(s): W9630.00037

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 Steve Beneteau at (705)670-5855.

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: 2.16595

Date Correspondence Sent: December 05, 1996

Assessor: Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9630.00037	1208561	AKOW LAKE, NORTH CARIBOU LAKE (NORTH-EAST)	Approval After Notice	December 02, 1996

Section:

15 Airborne Geophy AMAG

Assessment credit has been approved as outlined on the attached Credit Distribution form.

Correspondence to:

Mining Recorder
Sioux Lookout, ON

Resident Geologist
Sioux Lookout, ON

Assessment Files Library
Sudbury, ON

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

ROMIOS ESTATES LTD.
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: December 05, 1996

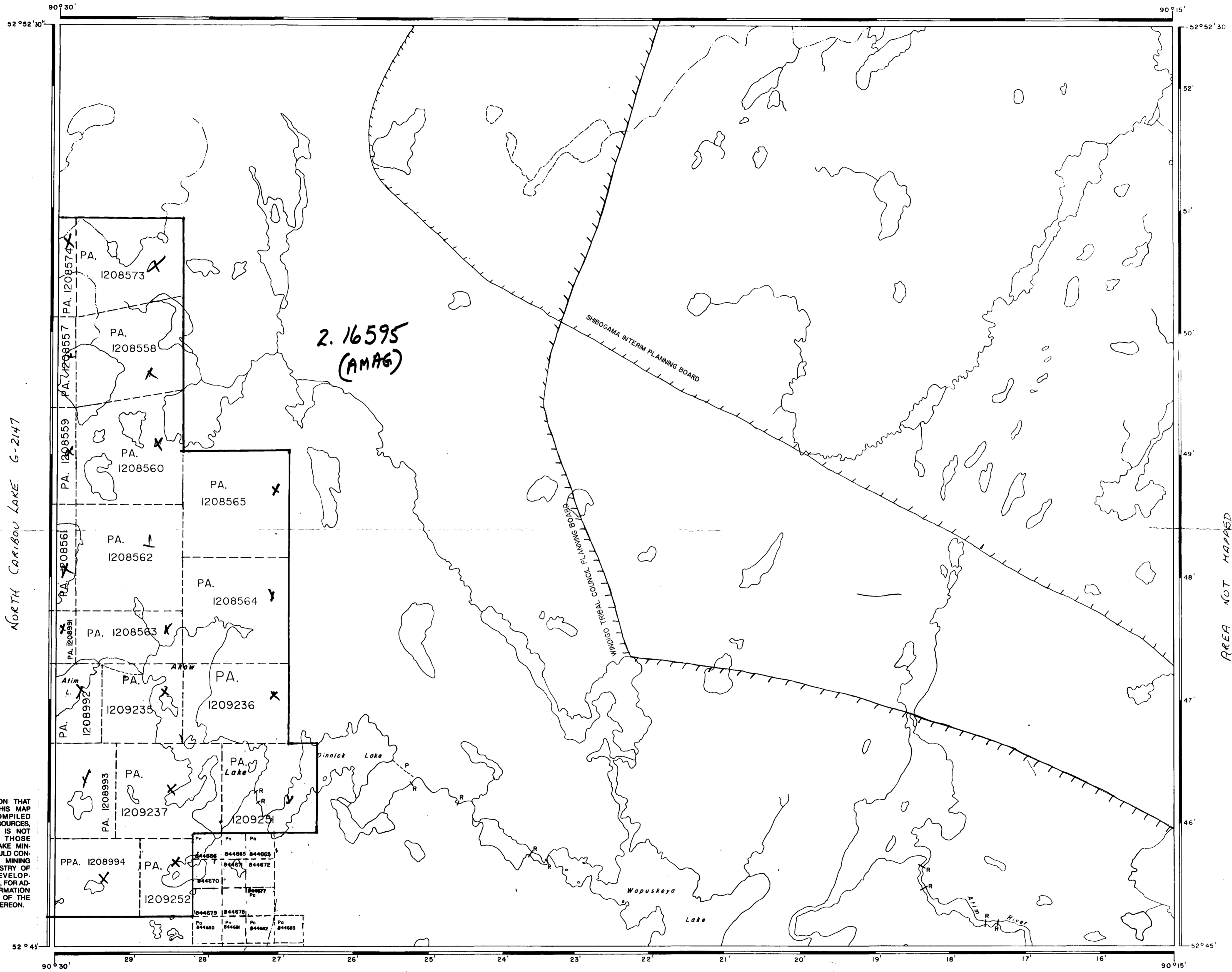
Submission Number: 2.16595

Transaction Number: W9630.00037

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1208561	2,882.00
1208559	2,882.00
1208557	2,161.00
1208562	2,882.00
1208563	1,441.00
1208565	2,882.00
1208564	2,882.00
1209235	1,621.00
1209237	2,882.00
1209252	1,081.00
1209251	2,882.00
1209236	2,161.00
1208558	2,161.00
1208560	2,882.00
1208573	2,882.00
1208574	2,882.00
1208575	2,161.00
1208569	2,882.00
1208544	2,882.00
1208991	2,161.00
1208992	2,698.00
1208993	2,882.00
1208994	2,161.00
Total: \$	57,273.00

Case File 2191
 REC-944420
 Date 9/21/94
 May 21/94
 J. H. H. H. H.
 May 21/94

WACKUSK LAKE G-2243



2.16595
(AMAG)

N/E PART
 NORTH CARIBOU LAKE G-2147

AREA NOT MAPPED

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.

SKINNER LAKE G-2210

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

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

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

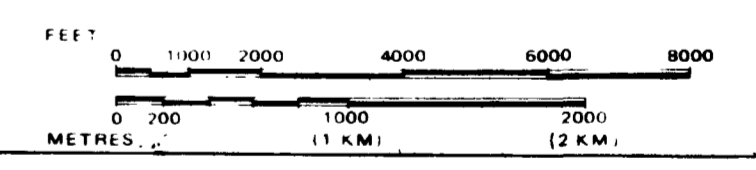
Description	Order No.	Date	Disposition	File

AREA IN WINDIGO TRIBAL COUNCIL PLANNING BOARD FOR DETAILS CALL 737-1585

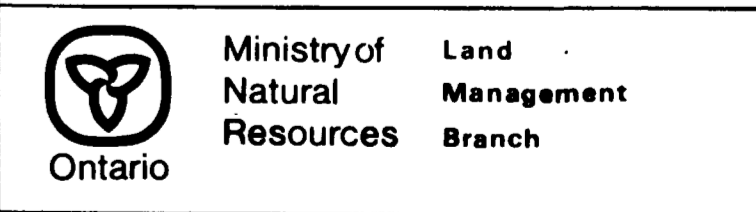
2.16595

AREA IN SHIBOGAMA INTERIM PLANNING BOARD
 CALL FOR DETAILS 737-2662

SCALE: 1 INCH = 40 CHAINS



AREA
AKOW LAKE
 M.N.R. ADMINISTRATIVE DISTRICT
 SIOUX LOOKOUT
 MINING DIVISION
PATRICIA
 LAND TITLES / REGISTRY DIVISION
KENORA (PATRICIA PORTION)



Date FEBRUARY, 1984. Number **G-1928**

527902



200

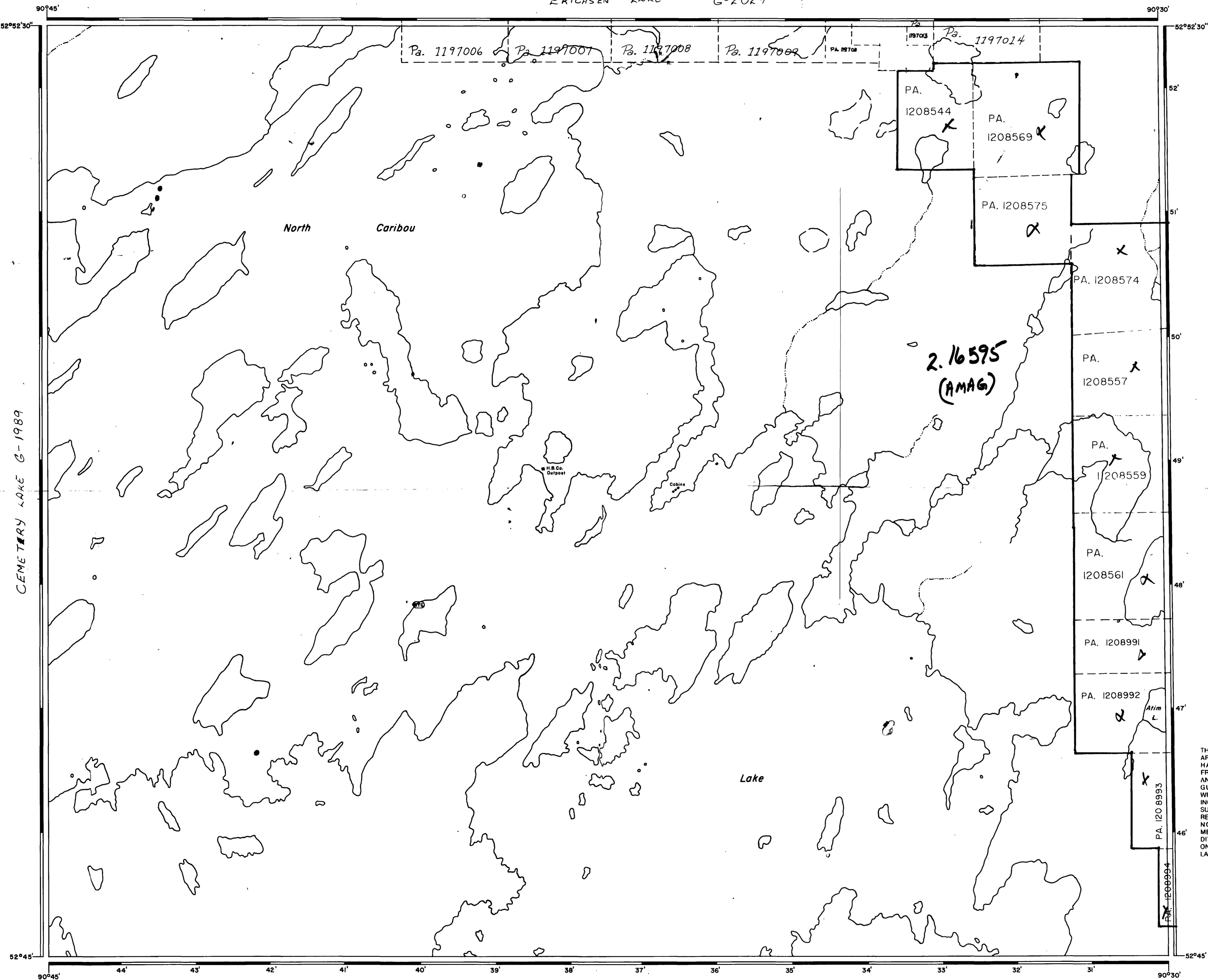
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Jan 2/91

May 16/91 D

August 30, 1990
REC- 94 14130
MAY 31/94 REC
J.P. 81/4 C
94 216 22 REC
94 216 23 REC
94 216 24 REC

ERICHSEN LAKE G-2029



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

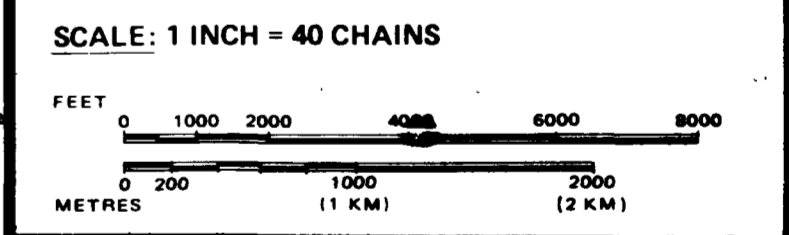
DISPOSITION OF CROWN LANDS

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 8, 1913, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 83, SUBSEC. 1.

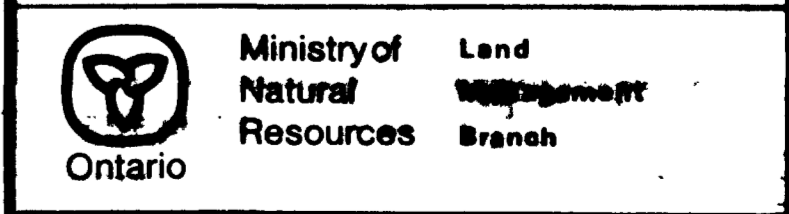
REFERENCES

- AREAS WITHDRAWN FROM DISPOSITION
- M.R.O. - MINING RIGHTS ONLY
 - S.R.O. - SURFACE RIGHTS ONLY
 - M.+S. - MINING AND SURFACE RIGHTS
- | Description | Order No. | Date | Disposition | File |
|-----------------------|-----------|------|-------------|------|
| REMOTE TOURIST SET-UP | 675 | | | |
- AREA IN WINDIGO TRIBAL COUNCIL PLANNING BOARD FOR DETAILS CALL 737-1585



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

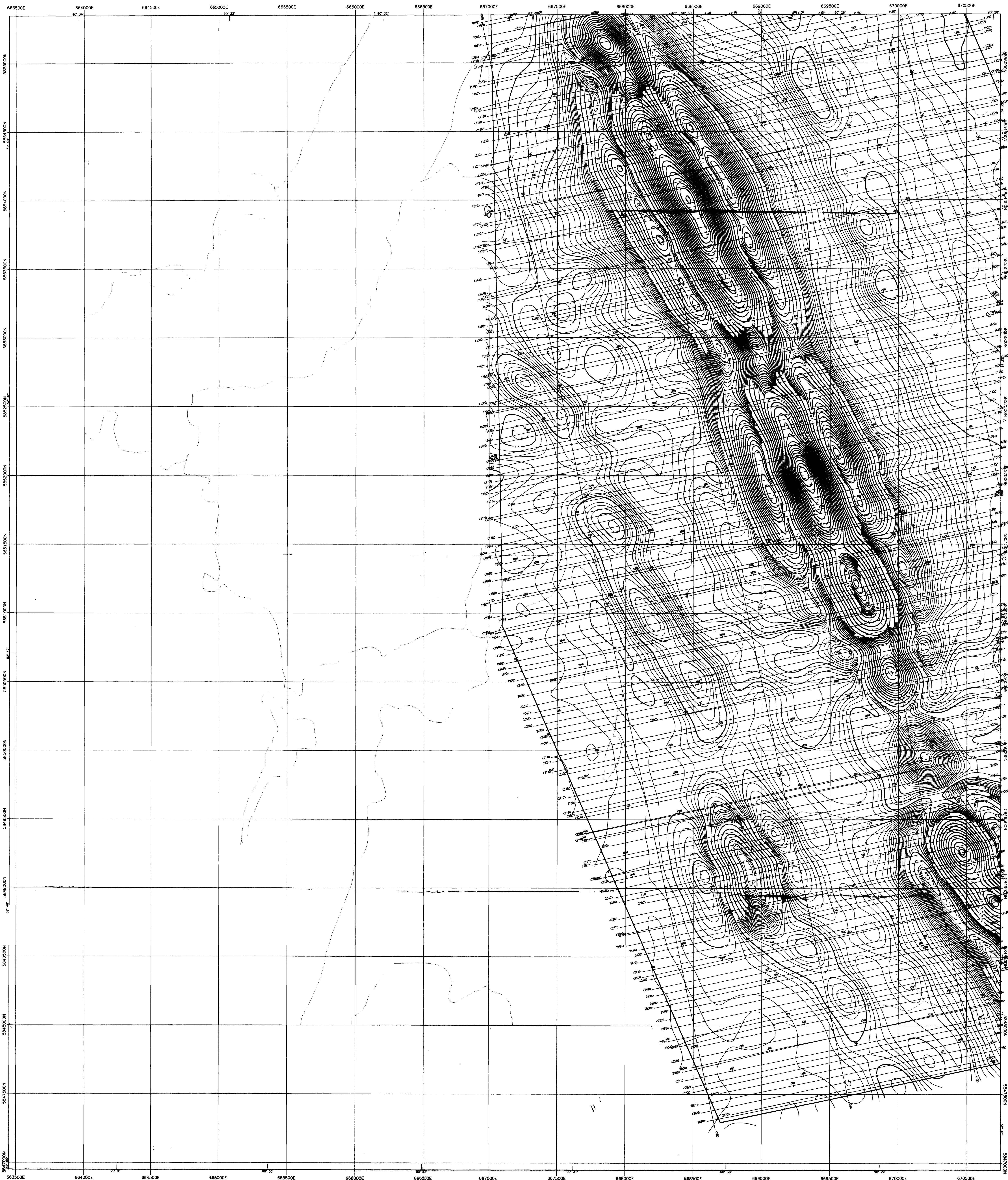
AREA NORTH CARIBOU LAKE (NORTH - EAST PART)
M.N.R. ADMINISTRATIVE DISTRICT
SIOUX LOOKOUT
MINING DIVISION
PATRICIA
LAND TITLES / REGISTRY DIVISION
KENORA (PATRICIA PORTION)



Date FEBRUARY, 1984. Number G-2147

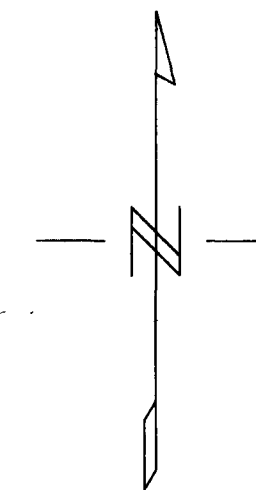
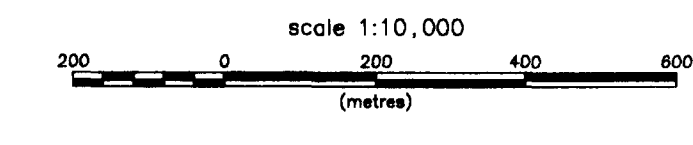


S.E. ARM NORTH CARIBOU LAKE G-2215



Flight path derived from differentially corrected GPS.

Survey Specifications:
 Aircraft: MDHC 520N "NOTAR"
 Acquisition System: PDAS-1000
 Magnetometer: Caesium Vopour CS-2
 Mag Sensitivity: 0.001 nT
 Nominal Terrain Clearance: (100 ft)
 Nominal Sample Interval: 4.5 metres (0.1 sec)
 Flight Line Spacing: 50 metres
 Flight Line Direction: 78 Degrees N



3	
1	2

Sheet Index

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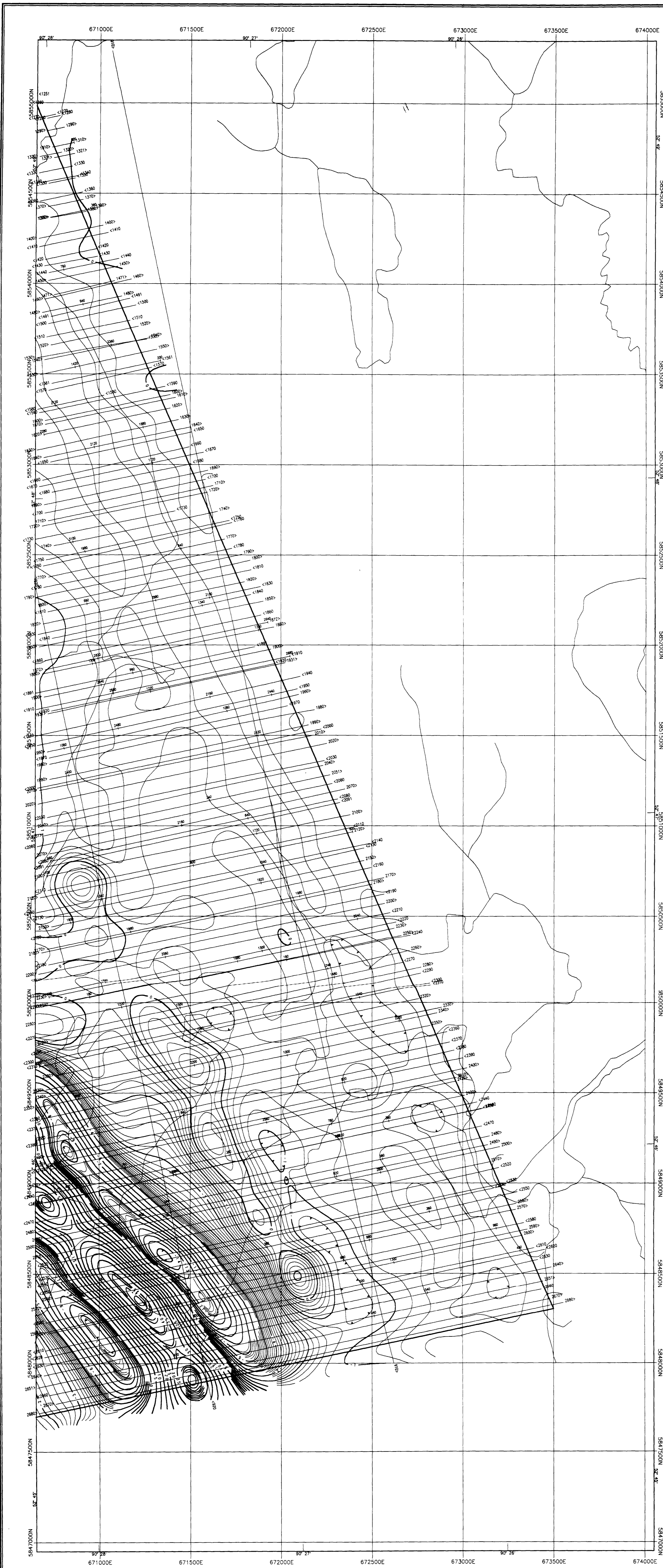
Romios Gold Resources Inc.
 Lundmark - Akow Lakes Area
 Northern Ontario, CANADA

FIRST VERTICAL DERIVATIVE
 Sheet 1

Flown and processed by
 Aero Surveys Inc.
 #12 - 30 West Beaver Creek Rd.
 Richmond Hill, Ont., L4B 3K1

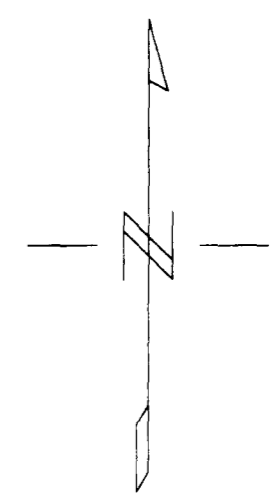
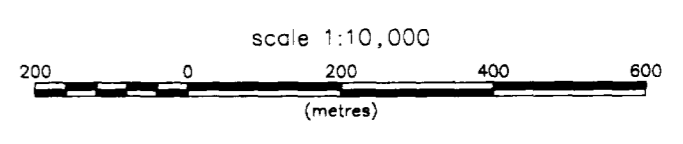
February-March, 1996





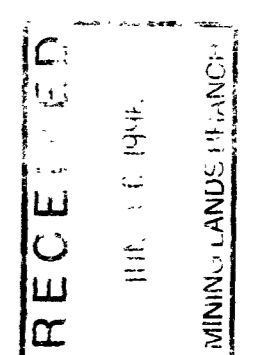
Flight path derived from differentially corrected GPS.

Survey Specifications:
 Aircraft: MDHC 520N "NOTAR"
 Acquisition System: PDAS-1000
 Magnetometer: Cesium Vapour CS-2
 Mag Sensitivity: 0.001 nT
 Nominal Terrain Clearance: (100 ft)
 Nominal Sample Interval: 4.5 metres (0.1 sec)
 Flight Line Spacing: 50 metres
 Flight Line Direction: 78 Degrees N



3	
1	2

Sheet Index



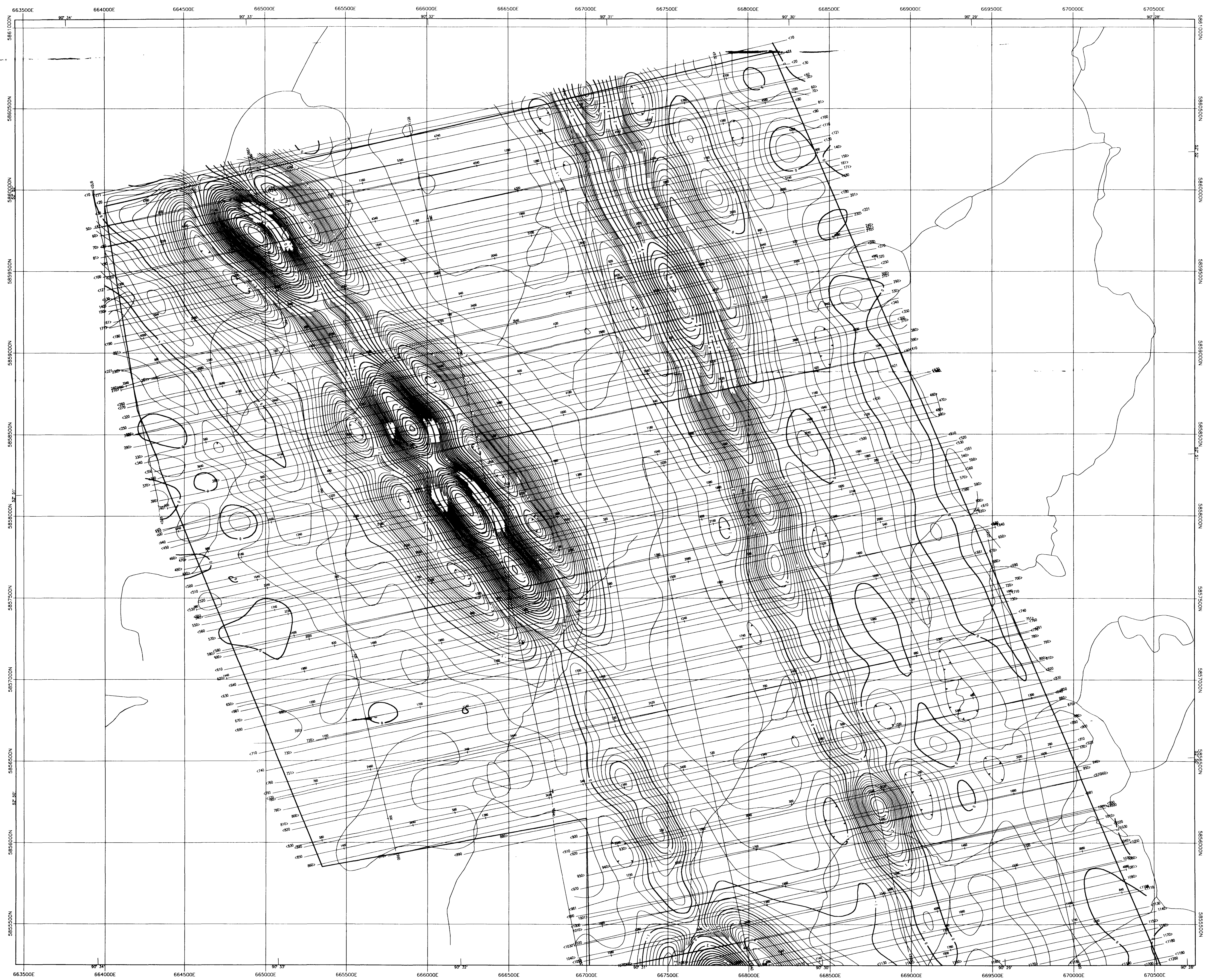
Romios Gold Resources Inc.
 Lundmark - Akow Lakes Area
 Northern Ontario, CANADA

FIRST VERTICAL DERIVATIVE
 Sheet 2

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 Richmond Hill, Ont., L4B 3K1

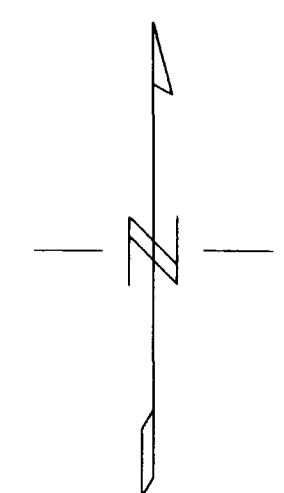
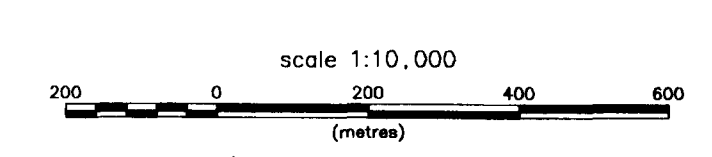
2.16595





Flight path derived from differentially corrected GPS.

Survey Specifications:
 Aircraft: MDHC 520N "NOTAR"
 Acquisition System: PDAS-1000
 Magnetometer: Cesium Vapour CS-2
 Mag Sensitivity: 0.001 nT
 Nominal Terrain Clearance: (100 ft)
 Nominal Sample Interval: 4.5 metres (0.1 sec)
 Flight Line Spacing: 50 metres
 Flight Line Direction: 78 Degrees N



3	
1	2

Sheet Index

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16595

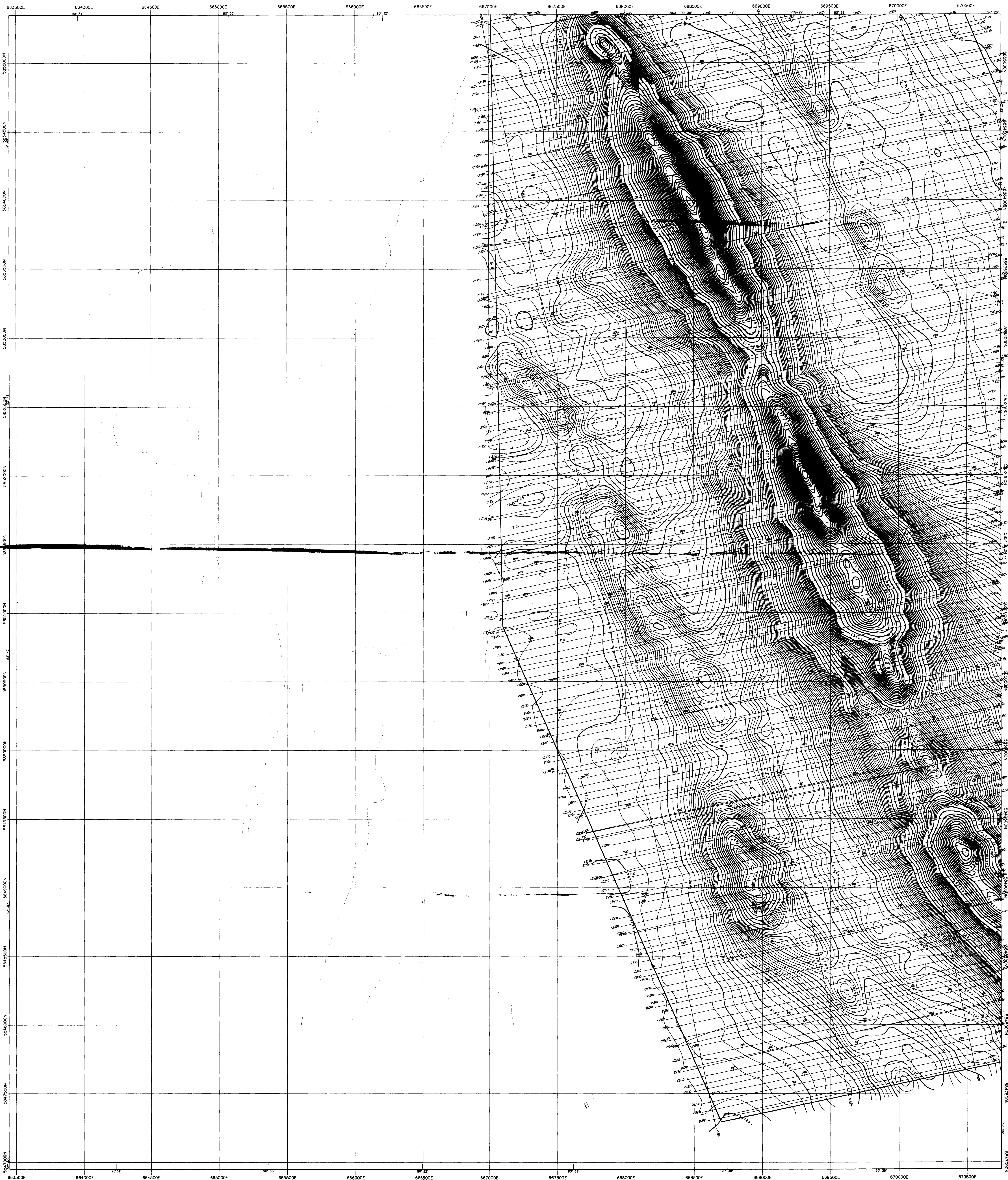
Romios Gold Resources Inc.
 Lundmark - Akow Lakes Area
 Northern Ontario, CANADA

FIRST VERTICAL DERIVATIVE
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 Richmond Hill, Ont., L4B 3K1

February-March, 1996

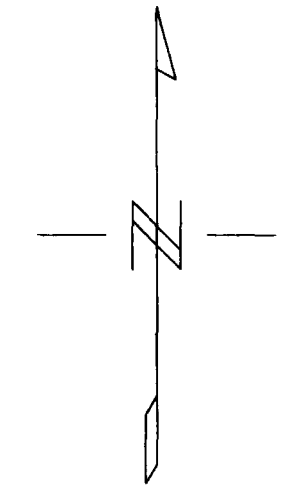
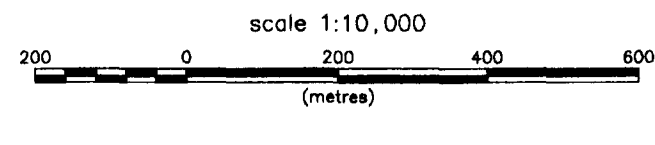




Notes:
 Data was gridded at 25 metre interval and levelled with tie lines.
 Flight path derived from differentially corrected GPS.

Survey Specifications:
 Aircraft: MDHC 520N "NOTAR"
 Acquisition System: PDAS-1000
 Magnetometer: Caesium Viscour CS-2
 Mag Sensitivity: 0.001 nT
 Nominal Terrain Clearance: (100 ft)
 Nominal Sample Interval: 4.2 metres (0.1 sec)
 Flight Line Spacing: 50 metres
 Flight Line Direction: 78 Degrees N

Contour Interval 25, 100 and 500 metres



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3	
1	2

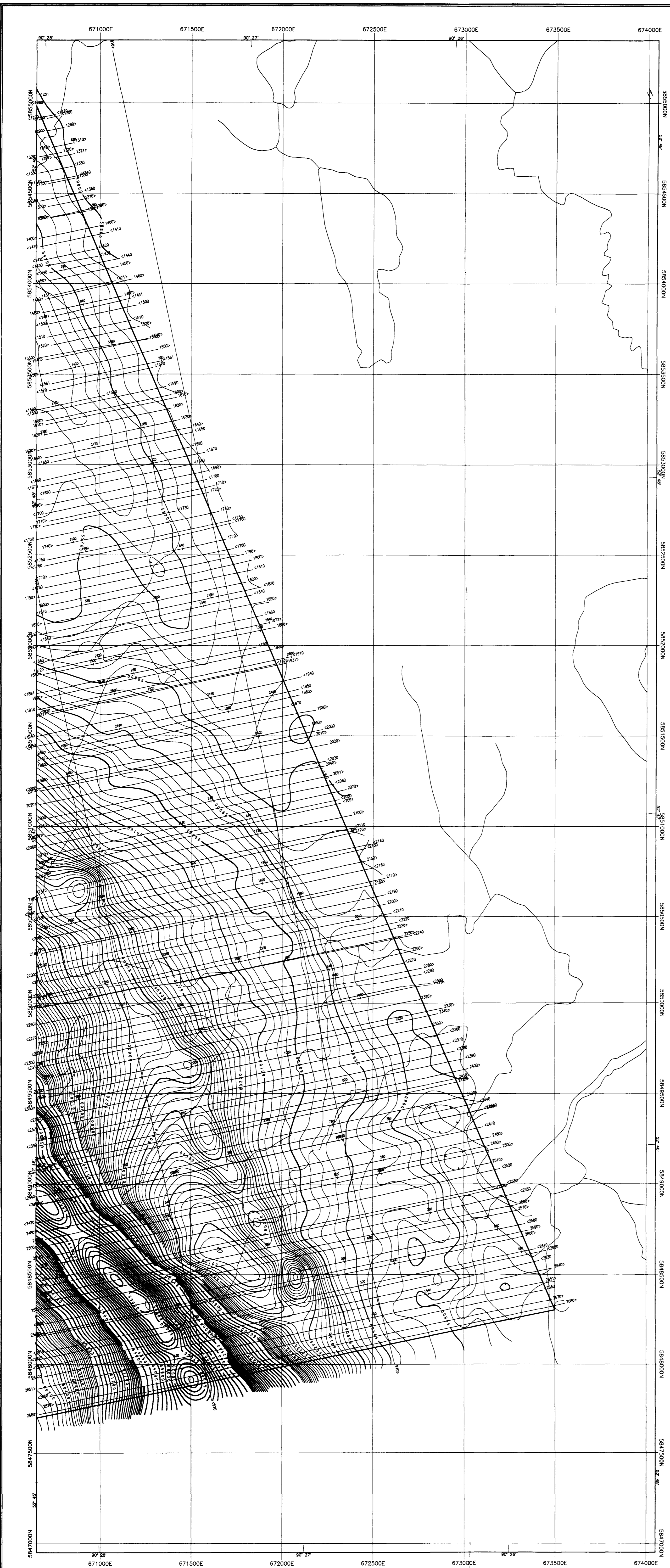
Sheet Index

2.16595
 Romios Gold Resources Inc.
 Lundmark - Akow Lakes Area
 Northern Ontario, CANADA
TOTAL MAGNETIC FIELD
 Sheet 1

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 #12 - 30 West Beaver Creek Rd.
 Richmond Hill, Ont., L4B 3K1

February-March, 1998

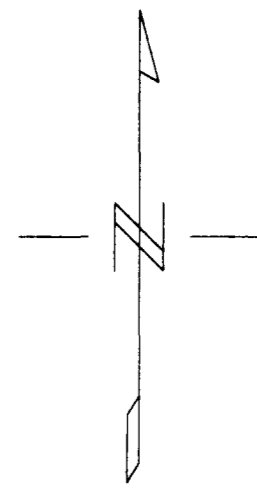
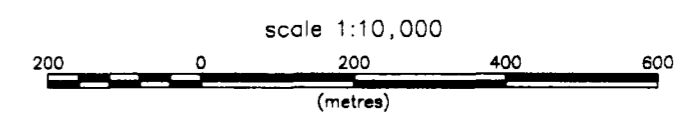




Notes:
 Data was gridded at 25 metre interval and levelled with tie lines.
 Flight path derived from differentially corrected GPS.

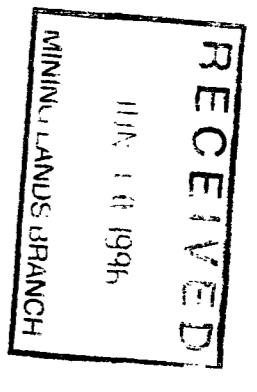
Survey Specifications:
 Aircraft: MDHC 520N "NOTAR"
 Acquisition System: PDAS-1000
 Magnetometer: Cesium Vapour CS-2
 Mag Sensitivity: 0.001 nT
 Nominal Terrain Clearance: (100 ft)
 Nominal Sample Interval: 4.5 metres (0.1 sec)
 Flight Line Spacing: 50 metres
 Flight Line Direction: 78 degrees N

Contour Interval: 25, 100 and 500 metres



3	
1	2

Sheet Index



19.16595

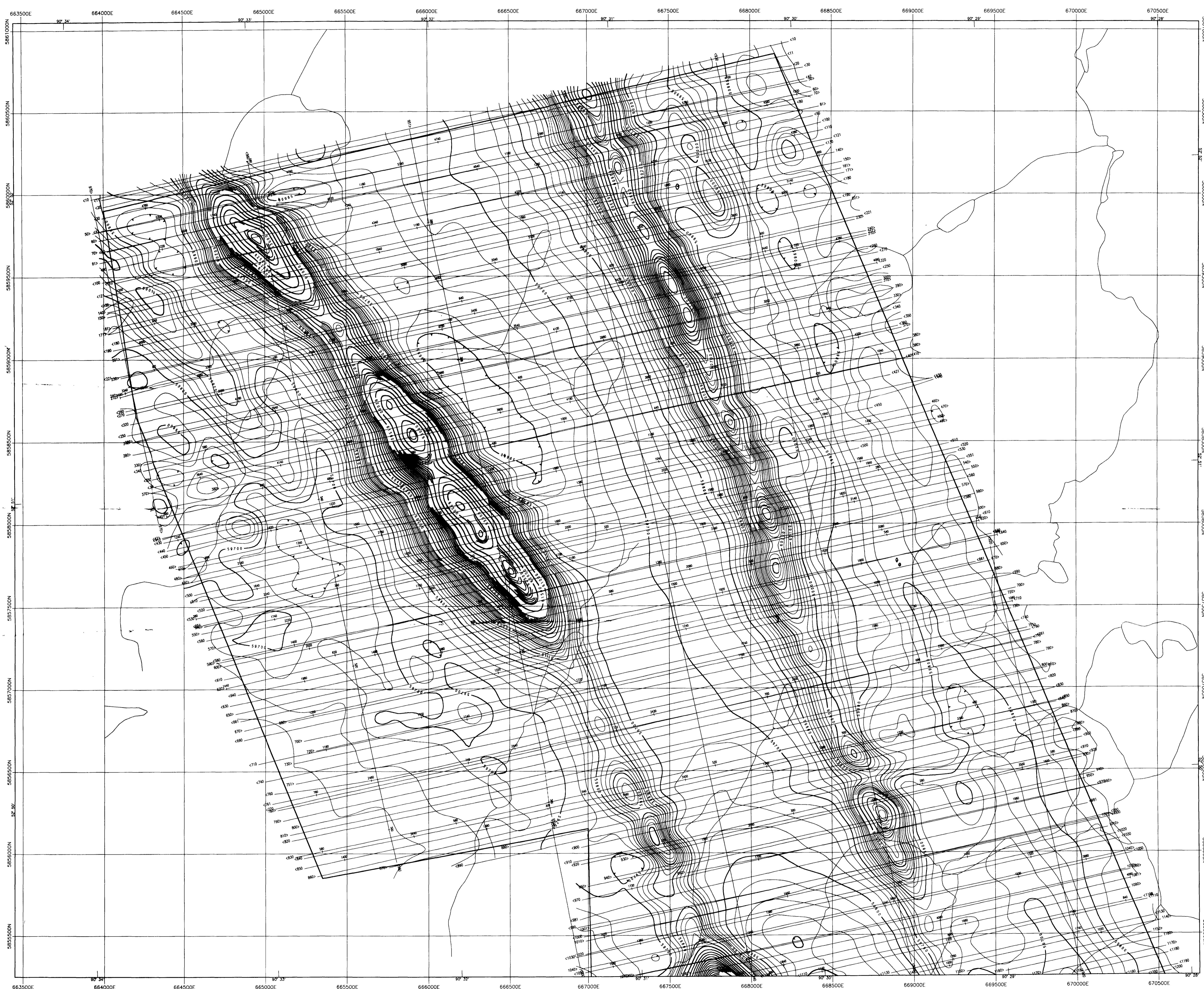
Romios Gold Resources Inc.
 Lundmark - Akow Lakes Area
 Northern Ontario, CANADA

TOTAL MAGNETIC FIELD
 Sheet 2

Flown and processed by
 Aero Surveys Inc.
 #12 - 30 West Beaver Creek Rd.
 Richmond Hill, Ont., L4B 3K1

February-March, 1998

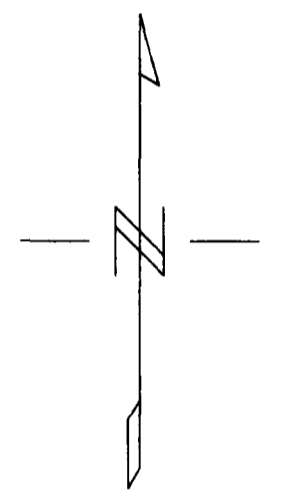
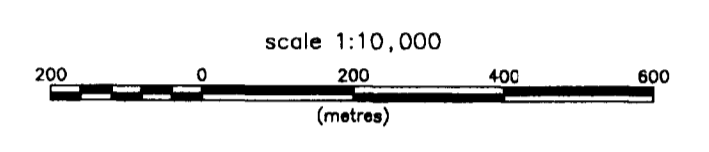




Notes:
 Data was gridded at 25 metre interval and levelled with tie lines.
 Flight path derived from differentially corrected GPS.

Survey Specifications:
 Aircraft: MDHC 520N "NOTAR"
 Acquisition System: PDAS-1000
 Magnetometer: Cesium Vapour CS-2
 Mag Sensitivity: 0.001 nT
 Nominal Terrain Clearance: (100 ft)
 Nominal Sample Interval: 4.5 metres (0.1 sec)
 Flight Line Spacing: 50 metres
 Flight Line Direction: 78 Degrees N

Contour Interval 25, 100 and 500 nanoTesla



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 JUN 16 1998
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3	
1	2

Sheet Index

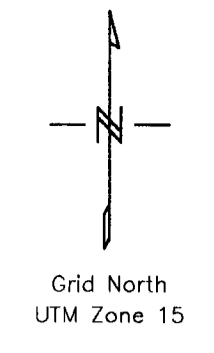
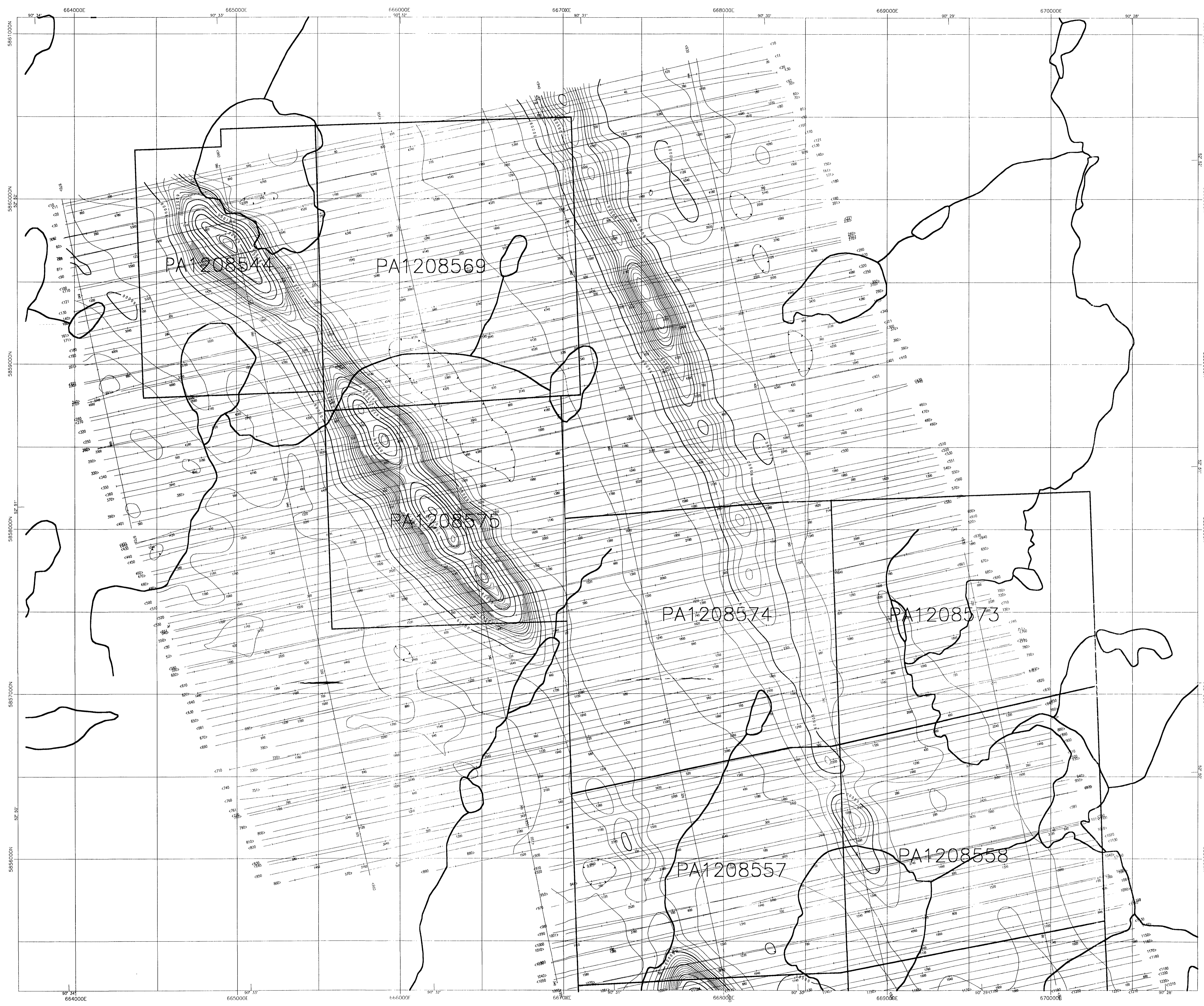
2.16595

Romios Gold Resources Inc.
 Lundmark - Akow Lakes Area
 Northern Ontario, CANADA

TOTAL MAGNETIC FIELD
 Sheet 3

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 Richmond Hill, Ont., L4B 3K1

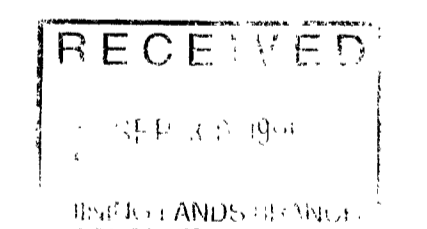




Grid North
UTM Zone 15

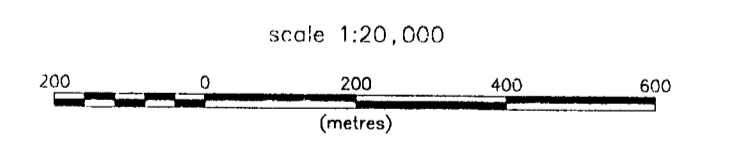
8366

2.16595



Notes:
Grid cell size: 25 metres
Flight path derived from differentially corrected GPS.
Data levelled using tie lines.

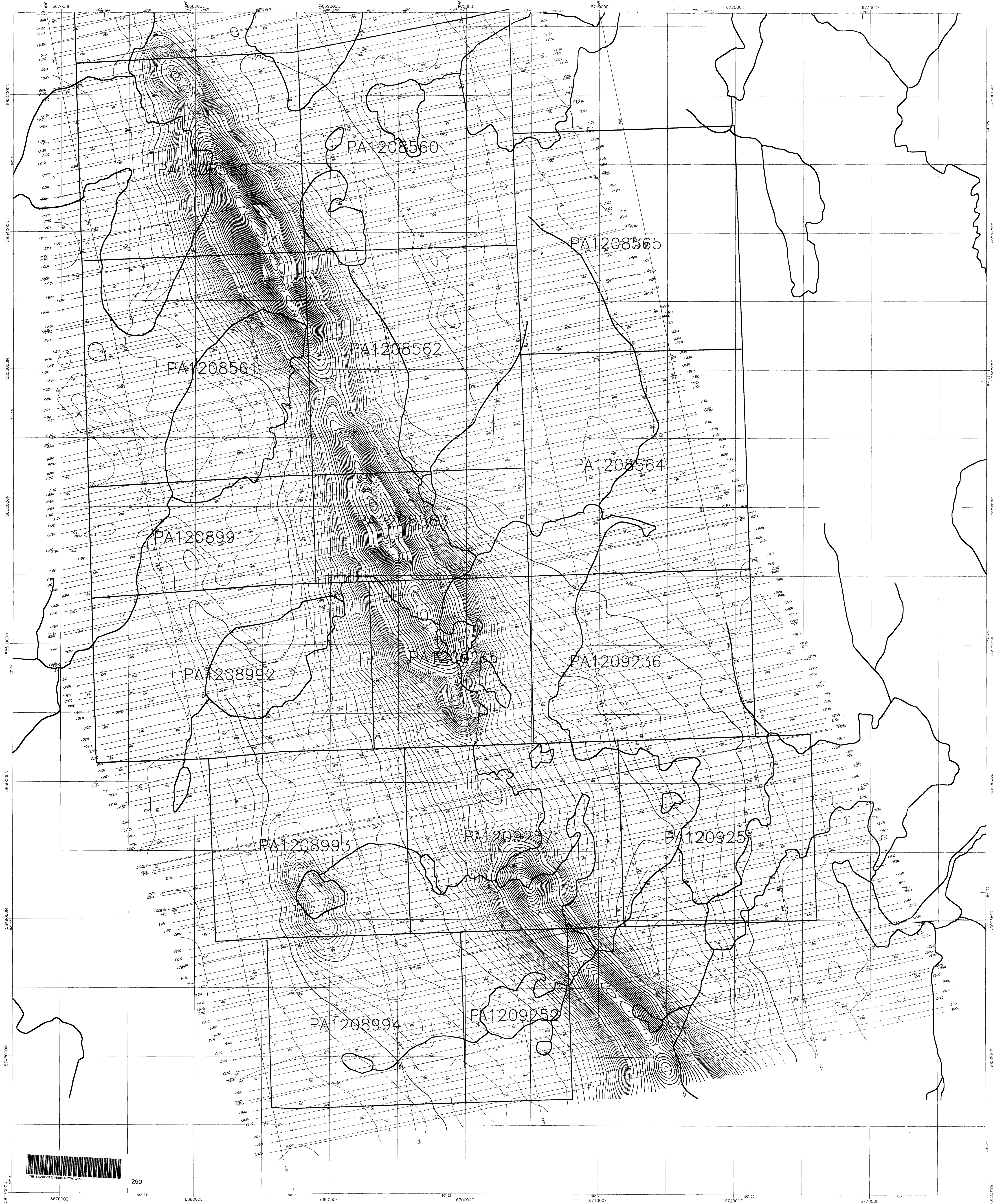
Survey Specifications:
Aircraft: M/D HUS2 Notar
Acquisition System: PDAS-1000
Magnetometer: Cesium Vapour CS-2
Mag Sensitivity: 0.001 nT
Nominal Sample Interval: 4.5 metres (6.1 sec)
Terrain Clearance: 33 metres (100 ft)
Flight Line Spacing: 50 metres
Flight Line Direction: N78E
Contour interval: 100, 500 & 2500 nT



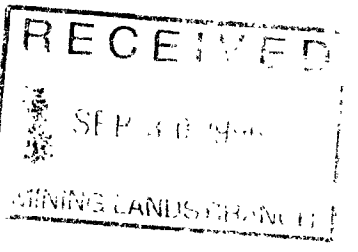
Romios Gold Resources Inc.
North Caribou Lake Area, Patricia Mining Division
TOTAL FIELD MAGNETICS
Lundmark-Akow
NIS 533/15 & 533/16

Flown and processed by
Aero Surveys Inc.
107 Toronto Street South
Uxbridge, Ont., L9P 1H4
Sept, 1996



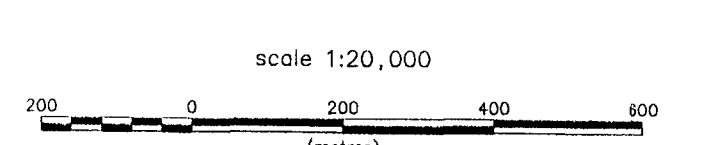


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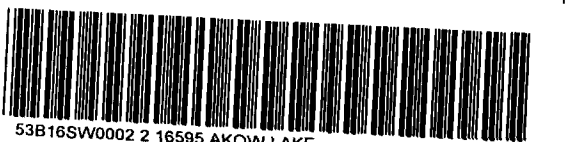
Notes:
Grid cell size: 25 metres
Flight path derived from differentially corrected GPS.
Data levelled using the lines.

Survey Specifications:
Aircraft: M/D HUS2 Nolar
Acquisition System: PDA-1000
Magnetometer: Cesium Vapour CS-2
Mag Sensitivity: 0.001 nT
Nominal Sample Interval: 4.5 metres (0.1 sec)
Terrain Clearance: 33 metres (100 ft)
Flight Line Spacing: 50 metres
Flight Line Direction: N78E
Contour interval: 100, 500 & 7500 nT

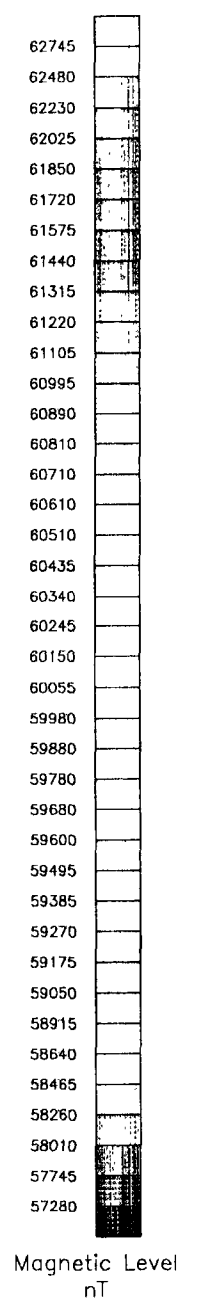
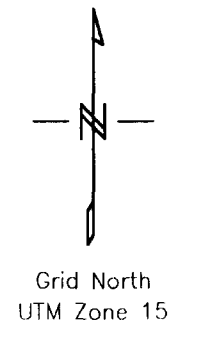
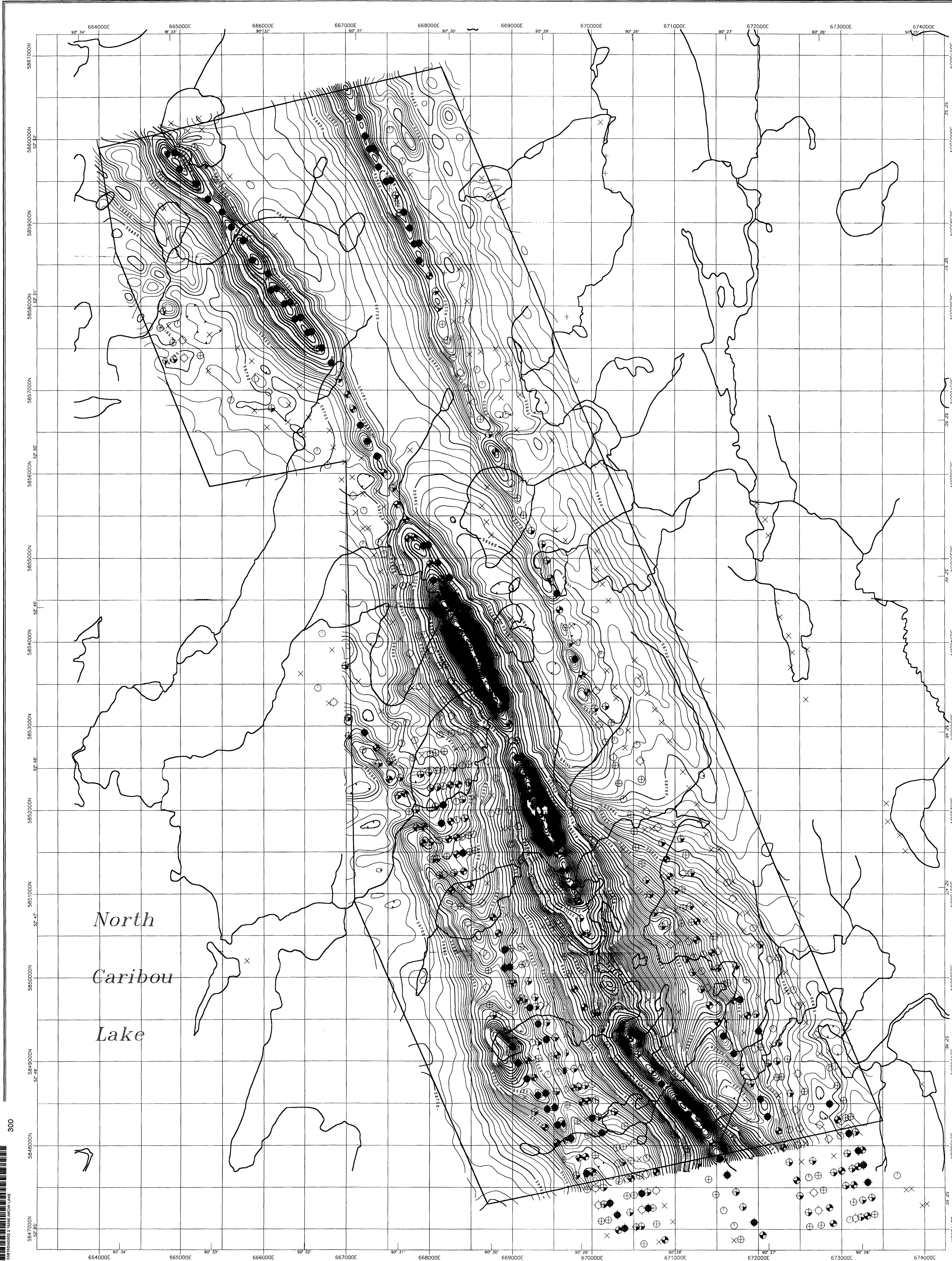


Romios Gold Resources Inc.
North Caribou Lake Area, Patricia Mining Division
TOTAL FIELD MAGNETICS
Lundmark-Akow
NTS 53B/15 & 53B/16

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107 Toronto Street South
Uxbridge, Ont., L9P 1H4
Sept. 1998



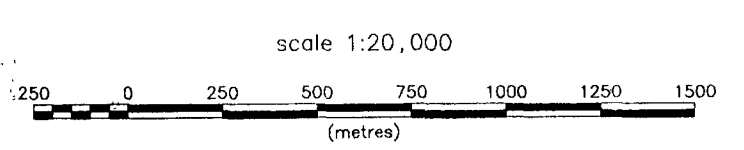
290



- Anomaly Symbols by Conductance (siemens):
- >32 ... ●
 - 16-32 ... ⊙
 - 8-16 ... ⊕
 - 4-8 ... ⊗
 - 2-4 ... ⊖
 - 1-2 ... ⊕
 - <1 ... ×
 - very weak ... +

Notes:
 Flight path derived from differentially corrected GPS.
 EM anomalies derived from OGS AEM & Total Intensity Survey, Opapimiskin Lake Area, Geophysical/Geochemical Map Series, Maps 80736 & 80738, scale 1:20,000, 1985.

Survey Specifications:
 Aircraft: M-D HU52 Notar (C-FPRX)
 EM System: Geotech Hummingbird 3 Frequency Magnetometer; Cesium Vapour CS-2
 Mag Sensitivity: 0.001 nT
 Nominal Sample Interval: 4.5 metres (0.1 sec)
 Terrain Clearance: 33 metres (100 ft)
 Flight Line Spacing: 50 metres
 Flight Line Direction: N078E



Romios Gold Resources Inc.
 North Caribou Lake Area, NW Ontario
**TOTAL FIELD MAGNETICS
 & EM ANOMALIES**
Lundmark-Akow Lakes
 NTS 53B/15 & 53B/16

Flown and processed by
 Aero Surveys Inc.
 #12 - 30 West Beaver Creek Rd.
 Richmond Hill, Ont., L4B 3K1
 January, 1996

2.16595



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