



52F05SW0091 2.6699 DOGPAW LAKE

010

GEOPHYSICAL REPORT
ON THE
GROUND MAGNETIC SURVEYS

REPORT # 8203.4.4.A

STEPHEN LAKE GROUP
CAMERON LAKE PROJECTS
DOGPAW LAKE AREA
PROVINCE OF ONTARIO
N.T.S. 52 F 4

GOLD FIELDS CANADIAN MINING LIMITED
A Consolidated Gold Fields Group Company

Suite # 335
230 Lakeshore Road East
Mississauga, Ontario
April 1984



52F05SW0091 2.6699 DOGPAW LAKE

010C

(1)

TABLE OF CONTENTS AND ATTACHMENTS

Table of Contents & Attachments.....	1
Property Location Map.....	11
Claim Block Index Map.....	111
Introduction.....	1
Survey Location & Access.....	1
Regional Geology.....	2
Property Geology.....	2
Topography & Vegetation.....	2
Previous Surveys.....	2
Grid Description.....	3
Ground Magnetics Survey Methods.....	3
Ground Magnetics Instrumentation.....	3
Results and Interpretation Magnetics.....	4
Conclusion and Recommendations.....	4
Certificate.....	5

ATTACHMENTS

Map no. 1 MAG.....Contoured Ground Magnetics

DISTRIBUTION

Gold Fields Canadian Mining.....Mississauga, Ontario
Gold Fields Mining Corp.....Denver, Colorado
Ministry of Natural Resources.....Toronto, Ontario

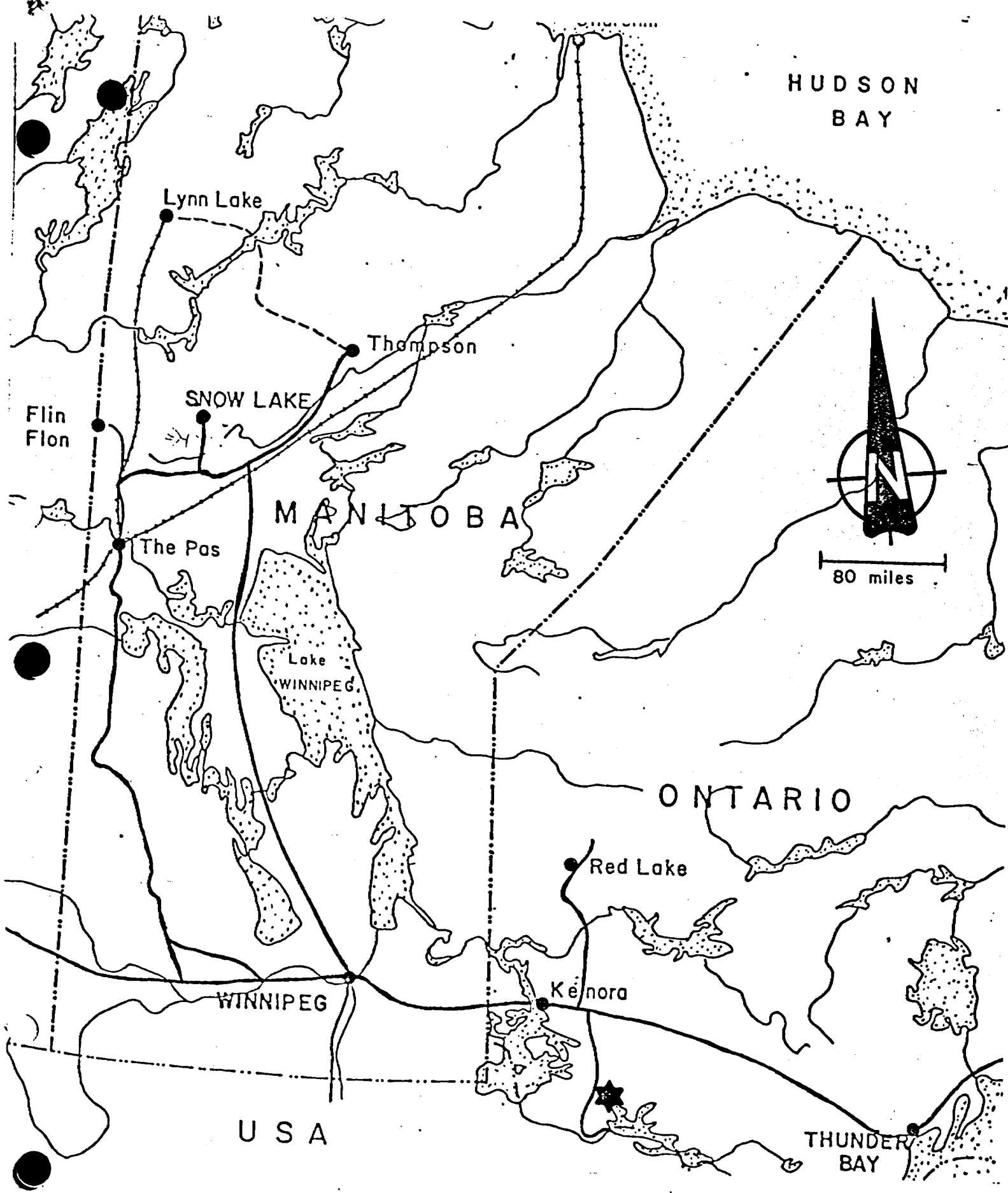
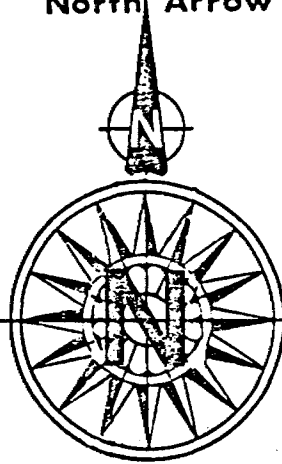


FIGURE .1

★ Survey Area

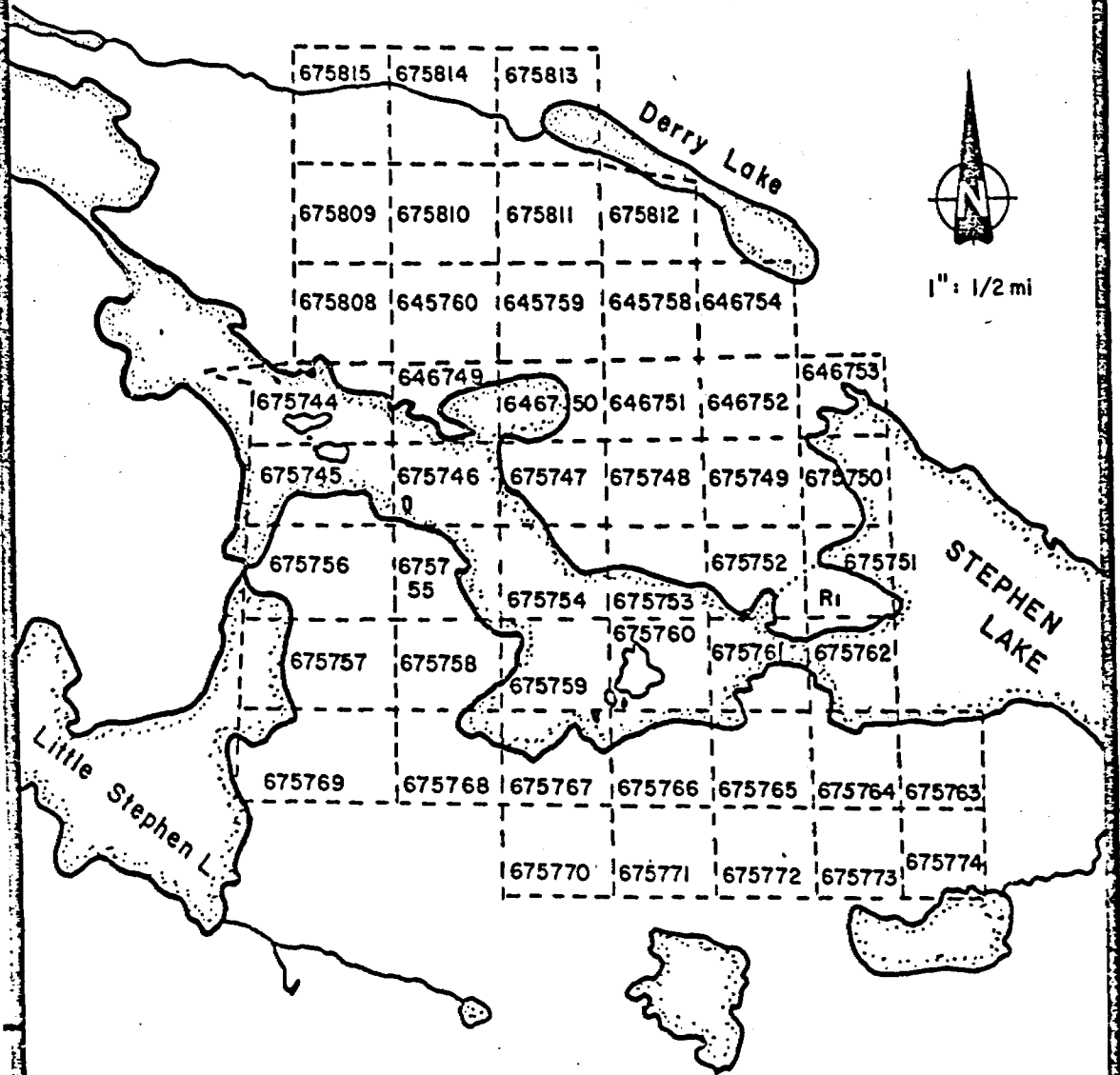
North Arrow



Base Line

Azimuth

Decl. 5°40'E



CLAIM INDEX

plan no. M.2585

STEPHEN LAKE GROUP
GROUND MAGNETIC SURVEY
REPORT # 8203.4.4.A
N.T.S. 52 F 5

INTRODUCTION

This report covers geophysical surveys on the Stephen Lake group comprising 48 unpatented mining claims numbered:
645738-645760 inclusive,
646749-646754 inclusive,
675808-675815 inclusive,
675744-675774 inclusive,
registered under Gold Fields Canadian Mining, Suite 335, 230 Lakeshore Rd. E., Mississauga, province of Ontario, L5B 1B8, tel (416) 271-0181.

In June of 1983 land portions of the property, consisting of 34 miles of cut & chained lines, were surveyed with ground magnetics (34 mi.) and a VLF-EM (31 mi.) by Phantom Exploration Services for Gold Fields Canadian Mining.

Additional line cutting (13.12 mi), VLF-EM (17.42 mi) and ground magnetics (17.67 mi) were carried out during the winter of 1984 over the water sections and claims needing extra ground coverage. This was done by Phantom Exploration Services for Gold Fields Canadian Mining.

Geophysical field work was under the supervision of Mr. Rick Middaugh of Phantom Exploration Services, of Thunder Bay, Ontario.

The overall supervision of the geophysical program and the report writing were by Claude E. Chiasson, senior technician, Gold Field Mining Corporation.

SURVEY LOCATION & ACCESS

The survey area is located in northwestern Ontario approximately 200 air miles due east of Thunder Bay. (see figure #1)

Access to the property is via highway # 71 to Nestor Falls. From Nestor Falls, the property is approximately 16 miles northeast, on the Stephen Lakes and can be accessed by float or ski equipped aircraft available from North West Flying Services in Nestor Falls.

The property can also be accessed by ground from the Whitefish Bay Indian Reservation via Dogpaw and Flint Lake with portages of approximately 700 feet.

REGIONAL GEOLOGY

The claim group is underlain mainly by Archean greenschist facies volcanic and intrusive rocks of the Woods-Wabigoon greenstone belt of the Superior Province. The northern portion of the group straddles the Pipestone-Cameron Fault.

PROPERTY GEOLOGY

On the north side of Stephen Lake adjacent to the Pipestone-Cameron fault, mafic, intermediate and felsic metavolcanic rocks display an intense foliation which strikes easterly. On the north shore of Stephen Lake less deformed felsic tuffs and lapilli tuffs display well developed bedding which strikes easterly and dips near vertically. Between Little Stephen Lake and Stephen Lake the felsic metavolcanic rocks strike north-north easterly. On the south shore of Stephen Lake felsic metavolcanic rocks strike easterly. Limited facing direction data suggest that the felsic metavolcanic sequence north of Stephen Lake faces south whereas the felsic metavolcanic rocks on islands adjacent to the south shore of Stephen Lake face northwest.

TOPOGRAPHY & VEGETATION

This is typical Canadian Shield topography, with rolling terrain, swamps in the low lying areas, bare outcrops or shallow overburden in the high areas, covered by deciduous coniferous forest. Maximum elevation differences are on the order of 225 feet.

Stephen Lake cuts east-west through the entire property near the central section, with a prominent bald outcrop ridge along the north shore of the lake. 25 claims are covered in whole or in part by water. A massive swamp covers the northeastern section of the property which is also the location of the Pipestone-Cameron Fault. Also, one claim numbered 675751 encompasses a crown reserve which contains Indian pictographs. For this reason no ground work was carried out on the land section of this reserve.

PREVIOUS SURVEYS

No ground geophysical surveys were carried out for or by Bold Fields Mining prior to these surveys.

GRID DESCRIPTION

Three grids were established by Phantom Exploration Services Limited in conjunction with Mr. Chris Edwards and company. The northern section baseline had an azimuth of 90 degrees. Cross lines were established every 400 feet. The lines were cut & chained at 100 foot station intervals. The lines extend to either the claim boundary to the north or to the lake section to the south. Approximately 19.3 miles were cut & chained on this section.

The southeastern grid base line was cut and chained with an azimuth of 90 degrees from the No. 3 post of claim 675770. Cross lines were turned off every 400 feet and cut & chained at 100 foot station intervals north-south to either the lake section to the north or the claim boundary to the south. Approximately 9.5 miles were cut & chained on this section.

The southwestern grid base line was cut and chained with an azimuth of 22 degrees. Cross lines were turned off every 400 feet and cut & chained at 100 foot station intervals to either the claim boundary to the south or to the lake sections. Approximately 6.8 miles were cut & chained on this section.

The water-covered section of the property was established by Phantom Exploration Services during the winter of 1984. This section consists of extensions of the existing grids with station intervals of 100 feet. Approximately 13.12 miles of line were cut & chained.

METHOD

Systematic measurement of the earth's magnetic field can aid in the geological mapping of an area. Magnetic anomalies can be produced by differences in the intrinsic magnetic susceptibilities of different rock units. The magnetic technique therefore has exploration value for delineating rock units or zones, as well as for indicating local alteration effects. Direct association of minerals possessing strong to medium magnetic susceptibilities (ie...magnetite, pyrrhotite) with economic minerals is additionally possible.

INSTRUMENTATION

The measurements of the earth's total field were taken with the Scintrex Ltd., Model MP-2 proton precession magnetometer, +/- 1 gamma accuracy. Diurnal change was monitored by the Scintrex Ltd., Model MBS-2 total field base station recorder.

The base station was located at 50W, 19+00S with a corrected value of 59,740 gammas, at a sample rate of 10 seconds.

A total of 47.08 miles of ground was surveyed of which 17.67 miles using a 50 foot station interval for a total of approximately 3418 magnetic readings.

RESULTS AND INTERPRETATION

The corrected magnetic values are presented in plan form at a scale of 1":400' on Map No. 1 MAG. The datum selected was 59,000 gammas and the data was contoured at a 100 gamma interval below the 1000 gamma level and at a 2,000 gamma interval above the 2,000 gamma level.

The data in general has an east-west magnetic trend with no apparent regional magnetic gradient. The exception to the above is the southwest grid which indicates a north-south magnetic trend of approximately 22 degrees.

They are 3 very noticeable magnetic features present. One is located between lines 24W and 64W at 6+00N to 8+00N, trending east-west with a magnetic high of up to 9,000 gammas, open to the west. The second feature lies between lines 36E and 48E at 8+00S to 20+00S, trending in an east-west direction, with a magnetic high of about 9,000 gammas, open at both ends. The third feature is a plug shaped magnetic high of about 6,000 gammas centered on line 24E at 10+00S. All of the above features are associated with mafic rock units with a high pyroxene content.

Numerous other weaker features are located throughout the grid and are probably associated with the magnetite content of the volcanic sequences of rocks in the area. An example of this is the spotty high followed by a low located on line 52W at 10+00S.

CONCLUSION & RECOMMENDATIONS

The survey was carried out as an aid to the geologist in mapping out and understanding the area.

The magnetics in general did aid in outlining the strike direction and helped in delineating some of the rock types.

Respectfully submitted



Claude E. Chiasson
Senior Technician

GOLD FIELDS MINING CORPORATION
A Consolidated Gold Fields Group Company
200 Union Boulevard --- Suite 500
Lakewood, Colorado 80228

C E R T I F I C A T E

1. I, the undersigned, Claude E. Chiasson, residing at E - 102, 857 South Van Gordon Court, Lakewood, Colorado 80228, graduated as a geological technician in 1974 from Sir Sandford Fleming College of Arts & Applied Sciences in Lindsay, Ontario.
2. I have been continuously employed in the exploration field for the past ten years in both Canada and the United States in the search for gold and massive sulfide deposits.
3. I have had considerable experience with Magnetics, VLF-EM, VLF Resistivity, HEM (transient & frequency), EIP (time & frequency), Gravity and some practical field work with MIP and MMR methods.
4. I am a member of the Prospectors & Developers Asc. of Canada for the current year.

Signed in Lakewood, this 30th day of April 1984.



Claude E. Chiasson
Senior Technician

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS - If more than one survey, specify data for each type of survey

Number of Stations 2482 Number of Readings 3418

Station interval 50 & 100 feet Line spacing 400 feet

Profile scale

Contour interval 100, 500 & 2000 gammas where applicable

MAGNETIC

Instrument Scintrex MP-2 Proton Precession Magnetometer

Accuracy - Scale constant +/- 1 gamma

Diurnal correction method Scintrex MBS-2 base station chart recorder

Base Station check-in interval (hours) -

Base Station location and value L50W stn 19+00S, 59,740 gammas

ELECTROMAGNETIC

Instrument

Coil configuration

Coil separation

Accuracy

Method: Fixed transmitter Shoot back In line Parallel line

Frequency (specify V.L.F. station)

Parameters measured

GRAVITY

Instrument

Scale constant

Corrections made

Base station value and location

Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument

Method Time Domain Frequency Domain

Parameters - On time Frequency

- Off time Range

- Delay time

- Integration time

Power

Electrode array

Electrode spacing

Type of electrode

Mining Claims Traversed (List in numerical sequence)

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
KRL	645758	20	KRL	675759	20
	645759	20		675760	20
	645760	20		675761	20
	646749	20		675762	20
	646750	20		675763	20
	646751	20		675764	20
	646752	20		675765	20
	646753	20		675766	20
	646754	20		675767	20
	675744	20		675768	20
	675745	20		675769	20
	675746	20		675770	20
	675747	20		675771	20
	675748	20		675772	20
	675749	20		675773	20
	675750	20		675774	20
	675751	20		675808	20
	675752	20		675809	20
	675753	20		675810	20
	675754	20		675811	20
	675755	20		675812	20
	675756	20		675813	20
	675757	20		675814	20
				675815	20

675758 20

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

48



Ministry of
Natural
Resources

Rept
(Geo,
Geoc



52F05SW0091 2.6699 DOGPAW LAKE

124184
Please type or print.
If number of mining claims traversed exceeds space on this form, attach a list.
Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
Do not use shaded areas below.

300

Type of Survey(s) Ground Magnetics	Township or Area Dogpaw Lake M-2585
Claim Holder(s) Gold Fields Canadian Mining Ltd.	Prospector's Licence No. T-1195
Address Suite 335, 230 Lakeshore Rd. East, Mississauga, Ontario	
Survey Company Phantom Exploration Services Ltd.	Date of Survey (from & to) 1 Day 6 Mo. 83 Yr. 30 Day 04 Mo. 84 Yr.
Name and Address of Author (of Geo-Technical report) Claude E. Chiasson, E-102, 857 South Van Gordon Ct., Lakewood, CO 80228	
Total Miles of line Cut 47.08 mi	

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

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

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
KRL	645758	20	KRL	675759	20
	645759	20		675760	20
	645760	20		675761	20
	646749	20		675762	20
	646750	20		675763	20
	646751	20		675764	20
	646752	20		675765	20
	646753	20		675766	20
	646754	20		675767	20
	675744	20		675768	20
	675745	20		675769	20
	675746	20		675770	20
	675747	20		675771	20
	675748	20		675772	20
	675749	20		675773	20
	675750	20		675774	20
	675751	20		675808	20
	675752	20		675809	20
	675753	20		675810	20
	675754	20		675811	20
	675755	20		675812	20
	675756	20		675813	20
	675757	20		675814	20
	675758	20		675815	20

RECEIVED
JUN 13 1984
MINING LANDS SECTION

Expenditures (excludes power stripping)

Type of Work Performed: **METONIA DIV.**

Performed on Claim(s): **15**

Calculation of Expenditure, Days Credits

Total Expenditures: \$ ÷ 15 = Total Days Credits:

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

Total number of mining claims covered by this report of work: **48**

Date: **April 30/84**

Recorded Holder or Agent (Signature): *Claude E. Chiasson*

For Office Use Only

Total Days Cr. Recorded: **460**

Date Recorded: **May 14/84**

Date Approved: **Aug 3/84**

Mining Recorder: *McLennan*

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying
**Claude E. Chiasson, E-102, 857 South Van Gordon Court
Lakewood, CO, USA 80228**

Date Certified: **April 30/84**

Certified by (Signature): *Claude E. Chiasson*



Ministry of Natural Resources

File _____

8203.4.4.A

GEOPHYSICAL - GEOLOGICAL - GEOCHEMICAL
TECHNICAL DATA STATEMENT

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

Type of Survey(s) Ground Magnetics
Township or Area Dogpaw Lake M-25-85
Claim Holder(s) Gold Fields Canadian Mining Ltd.
Suite 335, 230 Lakeshore Rd. E, Mississauga, Ont.
Survey Company Phantom Exploration Services Ltd.
Author of Report Claude E. Chiasson
Address of Author E-102, 857 S. Van Gordon, Lakewood, CO
Covering Dates of Survey June 83 to April 84
(linecutting to office)
Total Miles of Line Cut 47.08 mi.

MINING CLAIMS TRAVERSED
List numerically

See attached list
(prefix) (number)

SPECIAL PROVISIONS
CREDITS REQUESTED

DAYS
per claim

ENTER 40 days (includes
line cutting) for first
survey.

ENTER 20 days for each
additional survey using
same grid.

- Geophysical
 - Electromagnetic _____
 - Magnetometer 20
 - Radiometric _____
 - Other _____
- Geological _____
- Geochemical _____

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

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

DATE: April 30/84 SIGNATURE: Claude E. Chiasson
Author of Report or Agent

Res. Geol. _____ Qualifications 2.5825

Previous Surveys

File No.	Type	Date	Claim Holder

See appended list

TOTAL CLAIMS 48

If space insufficient, attach list

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS - If more than one survey, specify data for each type of survey

Number of Stations 2482 Number of Readings 3418
Station interval 50 & 100 feet Line spacing 400 feet
Profile scale
Contour interval 100, 500 & 2000 gammas where applicable

MAGNETIC

Instrument Scintrex MP-2 Proton Precession Magnetometer
Accuracy - Scale constant +/- 1 gamma
Diurnal correction method Scintrex MBS-2 base station chart recorder
Base Station check-in interval (hours) -
Base Station location and value L50W stn 19+00S, 59,740 gammas

ELECTROMAGNETIC

Instrument
Coil configuration
Coil separation
Accuracy
Method: [] Fixed transmitter [] Shoot back [] In line [] Parallel line
Frequency (specify V.L.F. station)
Parameters measured

GRAVITY

Instrument
Scale constant
Corrections made
Base station value and location
Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument
Method [] Time Domain [] Frequency Domain
Parameters - On time Frequency
- Off time Range
- Delay time
- Integration time
Power
Electrode array
Electrode spacing
Type of electrode

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

Corrections made _____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth - include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

Additional information (for understanding results) _____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY - PROCEDURE RECORD

Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

Values expressed in: per cent
p. p. m.
p. p. b.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, (circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

Mining Claims Traversed (List in numerical sequence)

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
KRL	645758	20	KRL	675759	20
	645759	20		675760	20
	645760	20		675761	20
	646749	20		675762	20
	646750	20		675763	20
	646751	20		675764	20
	646752	20		675765	20
	646753	20		675766	20
	646754	20		675767	20
	675744	20		675768	20
	675745	20		675769	20
	675746	20		675770	20
	675747	20		675771	20
	675748	20		675772	20
	675749	20		675773	20
	675750	20		675774	20
	675751	20		675808	20
	675752	20		675809	20
	675753	20		675810	20
	675754	20		675811	20
	675755	20		675812	20
	675756	20		675813	20
	675757	20		675814	20
	675758	20		675815	20

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

48

Mining Lands Section

File No 2.6699

Control Sheet

TYPE OF SURVEY

- GEOPHYSICAL
- GEOLOGICAL
- GEOCHEMICAL
- EXPENDITURE

MINING LANDS COMMENTS:

LD

lgd.

Arthur Barr

Signature of Assessor

Date

1984 05 14

Our File: 2.6699

Mining Recorder
Ministry of Natural Resources
808 Robertson Street
Box 5080
Kenora, Ontario
P9N 3X9

Dear Sir:

We have received reports and maps for a Geophysical (Magnetometer) Survey submitted on Mining Claims K 645758 et al in the Area of Dogpaw Lake.

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

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

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

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

R. Pichette:mc

cc: Gold Fields Canadian Mining Ltd
Suite 335
230 Lakeshore Road East
Mississauga, Ontario
L5G 1G8

GOLD FIELDS CANADIAN MINING, LTD.

A Consolidated Gold Fields Group Company

230 LAKESHORE ROAD EAST, SUITE 335
MISSISSAUGA, ONTARIO L5G 1G8
PHONE: (416) 271-0181
TELEX 06-960446

May 4, 1984

VIA COURIER

Mr. A. Barr
Mining Lands Section
Land Management Branch
Ministry of Natural Resources
Room 6450, Whitney Block
Queen's Park
Toronto, Ontario
M7A 1W3

LAND FILE CA 5046

Dear Mr. Barr:

Enclosed for assessment work credits are two copies each of a ground magnetometer survey, the pertinent maps, and the completed "Technical Data Statement" on forty-eight (48) mining claims (K645758 et al) in the Dogpaw Lake Area (M-2585) of Ontario.

Thank-you for your attention to this matter.

Yours truly,



Driffield M. Cameron
Senior Geologist

cc J. Graham

encls:2

RECEIVED

MAY 7 1984

MINING LANDS SECTION

Total checked

26699

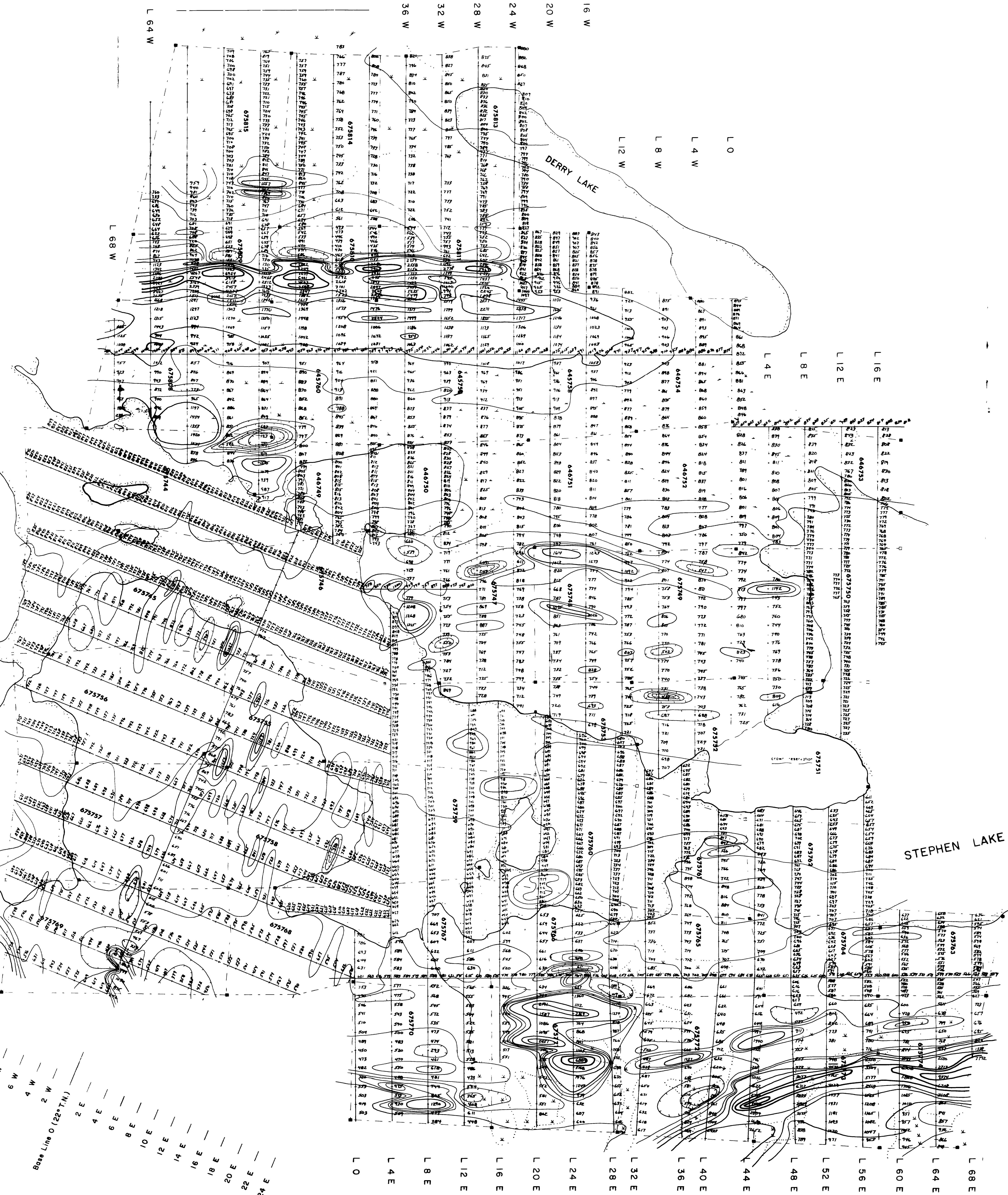
may

645758	✓	645759	✓
59	✓	60	✓
60	✓	61	✓
646749	✓	62	✓
50	✓	63	✓
51	✓	64	✓
52	✓	65	✓
53	✓	66	✓
54	✓	67	✓
675744	✓	68	✓
45	✓	69	✓
46	✓	70	✓
47	✓	71	✓
48	✓	72	✓
49	✓	73	✓
50	✓	74	✓
51	1/4	675808	✓
52	✓	9	✓
53	✓	10	✓
54	✓	11	✓
55	✓	12	✓
56	✓	13	✓
57	✓	14	✓
58	✓	15	1/4

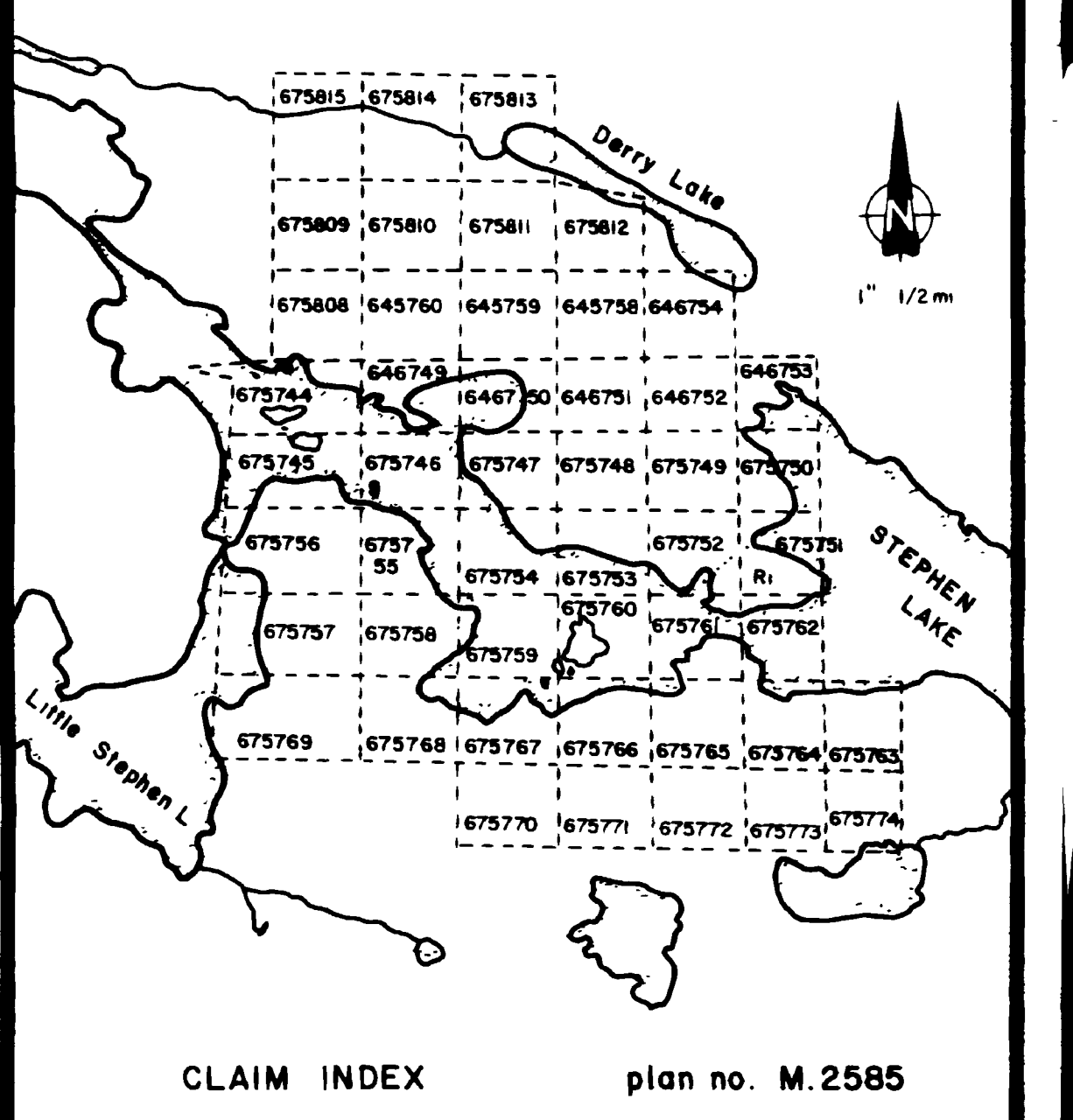
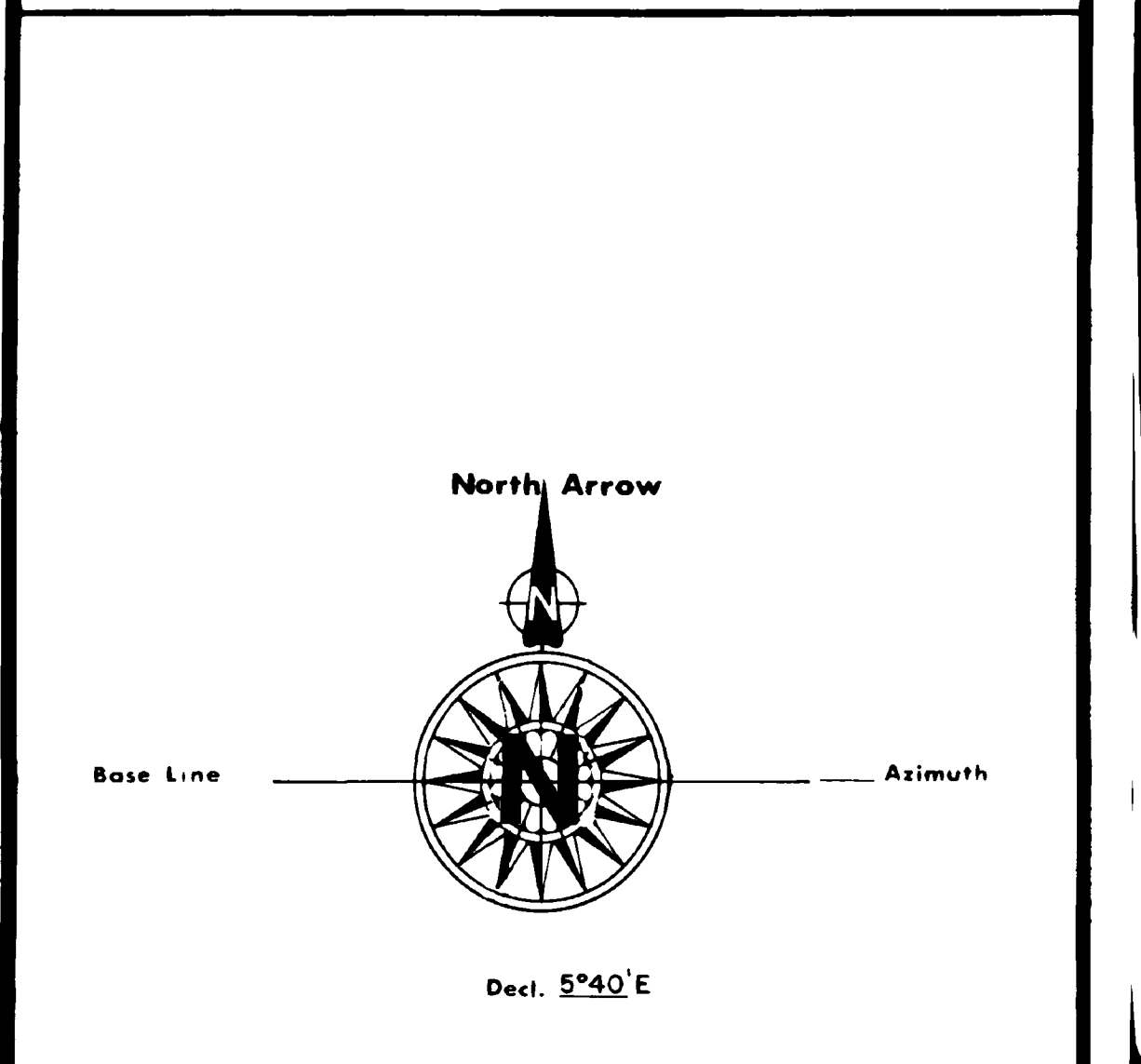
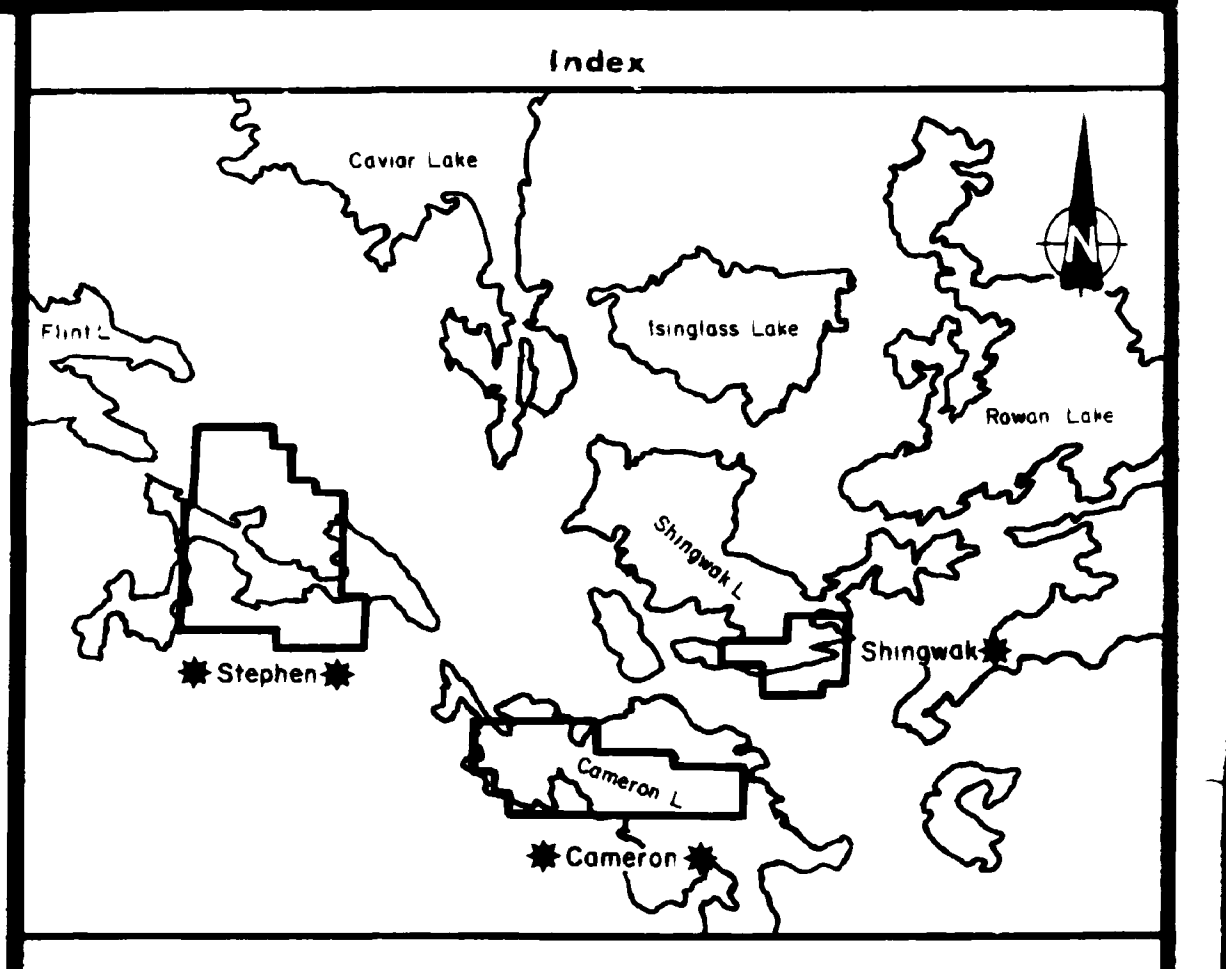
1/4 list go

Tie Line 38 N
 36 N
 34 N
 32 N
 30 N
 28 N
 26 N
 24 N
 22 N
 20 N
 18 N
 16 N
 14 N
 12 N
 10 N
 8 N
 6 N
 4 N
 2 N
 Base Line 0
 2 S
 4 S
 6 S
 Tie Line 8 S

L 40 N
 L 36 N
 L 32 N
 L 28 N
 L 24 N
 L 20 N
 L 16 N
 L 12 N
 L 8 N
 L 4 N
 L 0



38 N Tie Line
 36 N
 34 N
 32 N
 30 N
 28 N
 26 N
 24 N
 22 N
 20 N
 18 N
 16 N
 14 N
 12 N
 10 N
 8 N
 6 N
 4 N
 2 N
 Base Line 0 (90° T N)
 2 S
 4 S
 6 S
 Tie Line 8 S
 10 S
 12 S
 14 S
 16 S
 18 S
 20 S
 22 S
 24 S
 28 S Tie Line
 30 S
 32 S
 34 S
 36 S
 38 S
 40 S
 42 S
 44 S



Legend

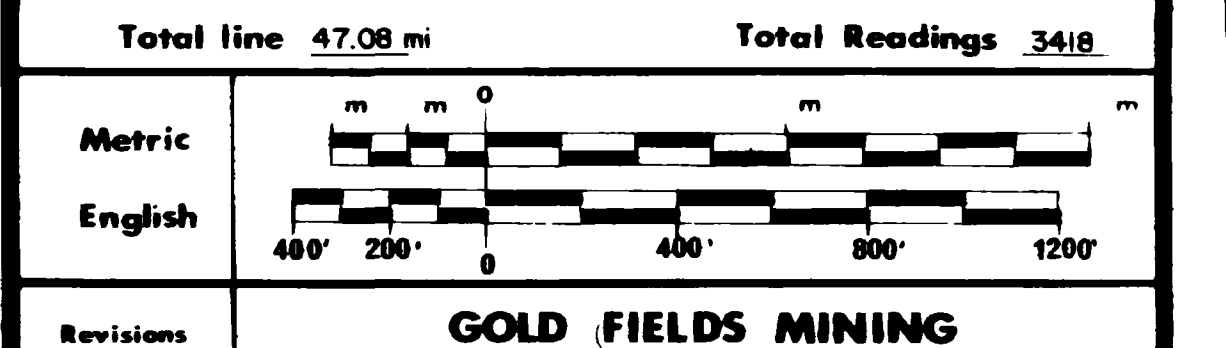
	Lake		Cliff
	Stream		Terrain bdy
	Wet Swamp		O.C. Out crop
	Swamp		Claim post
	Beaver Dam		B.M.
	Road		B.S. (Base Station)
	Winter Road		d.e.h.
	Rail Road		Shaft
	Power line		Building

MAGNETICS

Type: PROTON PRECESSION
 Datum: 59,000 ft. TOTAL FIELD
 Instrument: SCINTREX MP-2
 Operator: Phantom Expl. Ltd.,
 Base Recorder: SCINTREX MBS-2
 Base Location: appx. 50W, 19S - North grid
 Base Vaise: 59,740 ft.

CONTOUR INTERVAL:

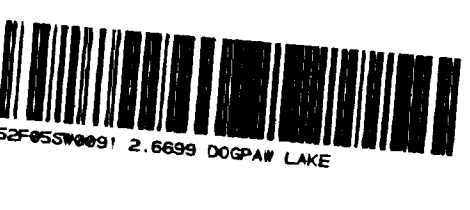
2000 GAMMA	
500 GAMMA	
100 GAMMA	



GOLD FIELDS MINING

STEPHEN LAKE GROUP
 Cameron Lake Project
 Kenora Mining Division, ONT.

Scale: 1 inch = 400 feet Map No.: 8203.4.4
 Date: Aug. 1983 I. MAG
 Grid by: *[Signature]*
 Contour by: *[Signature]* NT 5 52 F 5



30/004/04
[Signature]