



42A05NE0001 2.8818 GODFREY

010

KIDD CREEK MINES LTD.

GEOPHYSICAL REPORT

ON

GODFREY 23

N.T.S.: 42-A-12

PROJECT #242

RECEIVED

JAN 20 1986

MINING LANDS SECTION

JANUARY, 1986

S. TAYLOR

SUMMARY AND RECOMMENDATIONS

Horizontal loop EM, magnetic and VLF surveys were carried out over seven contiguous claims in Godfrey Township.

The horizontal loop EM survey outlined three north trending anomalies. None of these anomalies have previously been tested by diamond drilling. The strongest anomaly is on Line 3100 South at 1760 East. Anomaly width is narrow on the 444 Hz response, but much greater on the higher frequency data. This is the recommended location of a test hole, but any location along either anomaly B or C can be justified.

The magnetic results are dominated by north northwest trending linear features which are interpreted as diabase dike responses.

VLF results indicate several north northwest trending features, most of which correspond to magnetic features (ie. geological contacts), or HLEM anomalies.



42A05NE0001 2.8818 GODFREY

010C

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MAP 2: HLEM RESULTS: 1777 Hz (BACK POCKET)

MAP 3: MAGNETIC RESULTS (BACK POCKET)

MAP 4: VLF RESULTS (BACK POCKET)

INTRODUCTION

Horizontal loop EM, magnetic and VLF surveys were carried out in September and October 1985 over seven contiguous claims in Godfrey Township. These claims are located in S1/2 Concession III, W1/2 Lot 8, S1/2 Concession II, northeast corner Lot 9, S1/2 Concession II, northeast corner Lot 8 (Figure 1), N1/2 Concession II, E1/2 and southwest corner Lot 8. The following is a list of claims covered in this report:

P-833269

P-833641 - P-833643 inclusive

P-834023

P-834027

P-836903

The property is accessed via bush roads branching off Highway 576.

The geophysical survey crew included R. Daigle, B. Keen and B. Pigeon.

GENERAL GEOLOGY

The area consists of steeply dipping felsic and mafic volcanics which have been intruded by gabbroic units and north-south trending diabase dikes.

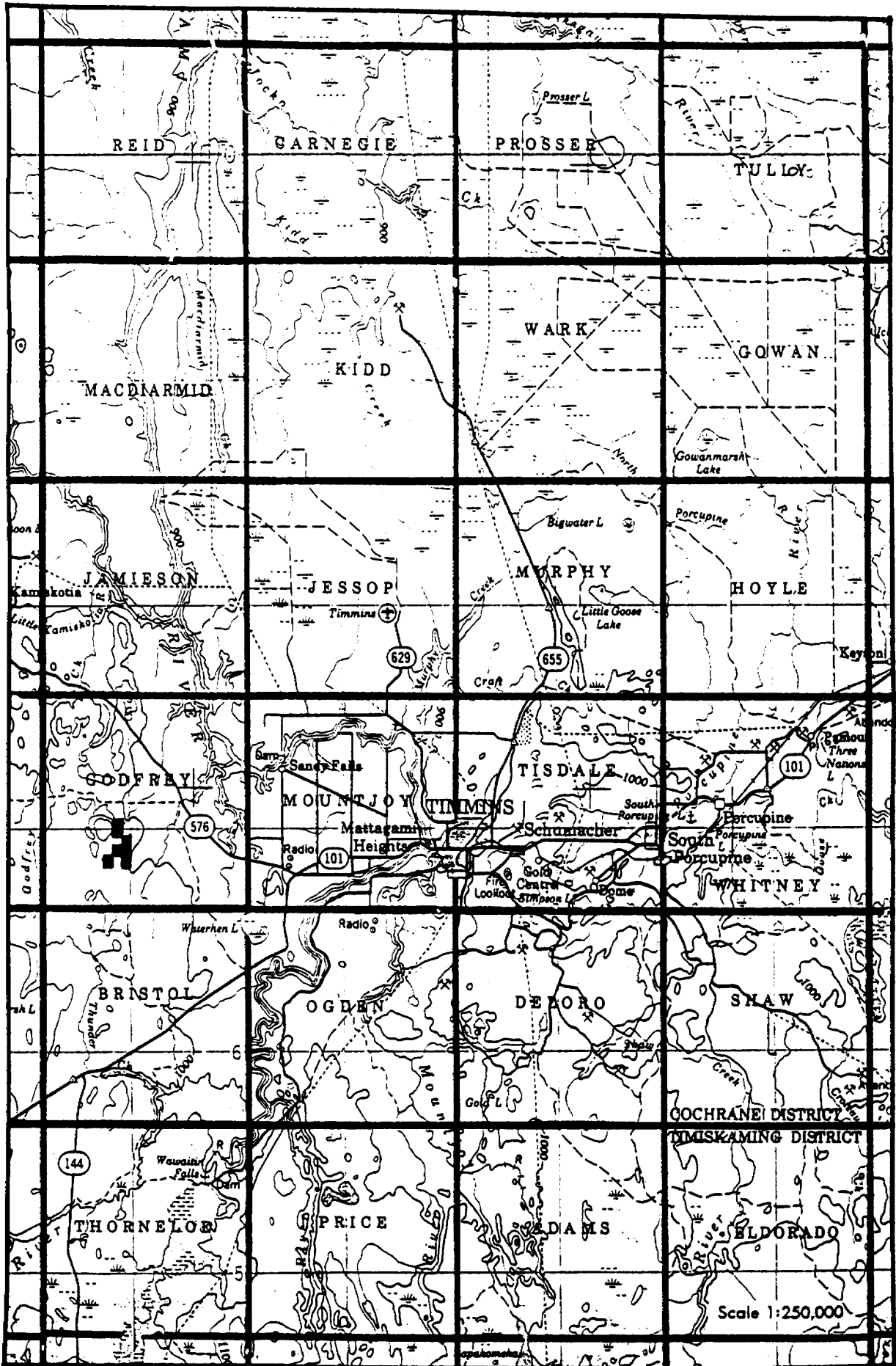


FIGURE 1: LOCATION MAP

PREVIOUS WORK

Several companies have conducted geophysical surveys over all or part of the seven claims covered in this report. These companies include Broulan Reef Mines (dip angle survey, 1955), Maple Bay Mines (EM, 1961), Utopia Mines (EM and mag, 1962; IP, 1963), Consolidated Sannorm Mines Ltd. (IP, 1963), Mespil Mines (airborne EM and mag, 1964), Tex-Sol (VLF, 1971), Conwest Exploration Ltd. (Turam, mag, AEM, 1974). The data collected in these surveys is available from assessment files in Timmins. Airborne EM (INPUT) and magnetic surveys were flown for Texasgulf Sulfur in 1981 by Questor Surveys.

In addition to geophysics, Samim mapped and carried out lithogeochemical analysis over the area in 1982.

Eight holes are known to have been drilled on these seven claims. Utopia Mines drilled four holes (two in 1962, one in 1963, one in 1964). The first three holes were drilled to test an east-west trending EM conductor. Holes were located in N1/2 of claim P-836903. All holes intersected minor pyrite; one hole intersected chalcopyrite. The fourth hole was drilled approximately 300 m north and was inclined to the east. This hole also intersected pyrite. In 1965, Consolidated Sannorm Mines Ltd. drilled an IP anomaly. The hole was collared at

approximately 2400 South 1700 East and inclined to the west. The source of the anomaly was not intersected. In 1974, Conwest Exploration Ltd. drilled a hole to test a Turam anomaly. The collar of the hole is not on the grid (approximate location 3450 South, 1700 East) but it was drilled westward onto the property. The hole intersected graphite and minor sulfides. In 1982, Samin Canada Ltd. drilled a hole collared at approximately 1870 South, 1670 West. This hole was drilled northward at -55° . Minor gold was recorded.

SURVEY DETAILS

A north-south baseline was established and crosslines were cut at 100 m intervals. Lines were picketed every 20 m (Figure 2).

The horizontal loop EM survey was carried out with an Apex Parametrics Max Min II using a coil separation of 120 m. The in-phase and quadrature components of the secondary field were measured as a percentage of the primary field. Readings were taken every 20 m at frequencies 444 Hz and 1777 Hz. A total of 459 stations were sampled along 9.52 km of line.

The magnetic readings were taken with a Scintrex IGS-2/MP-4. This instrument is a proton precession

KIDD CREEK MINES LTD.

Exploration Division

Timmins, ONTARIO

GODFREY 23

GODFREY Twp.

GEOFYSICS
COMPILATION

SCALE 1 : 10,000

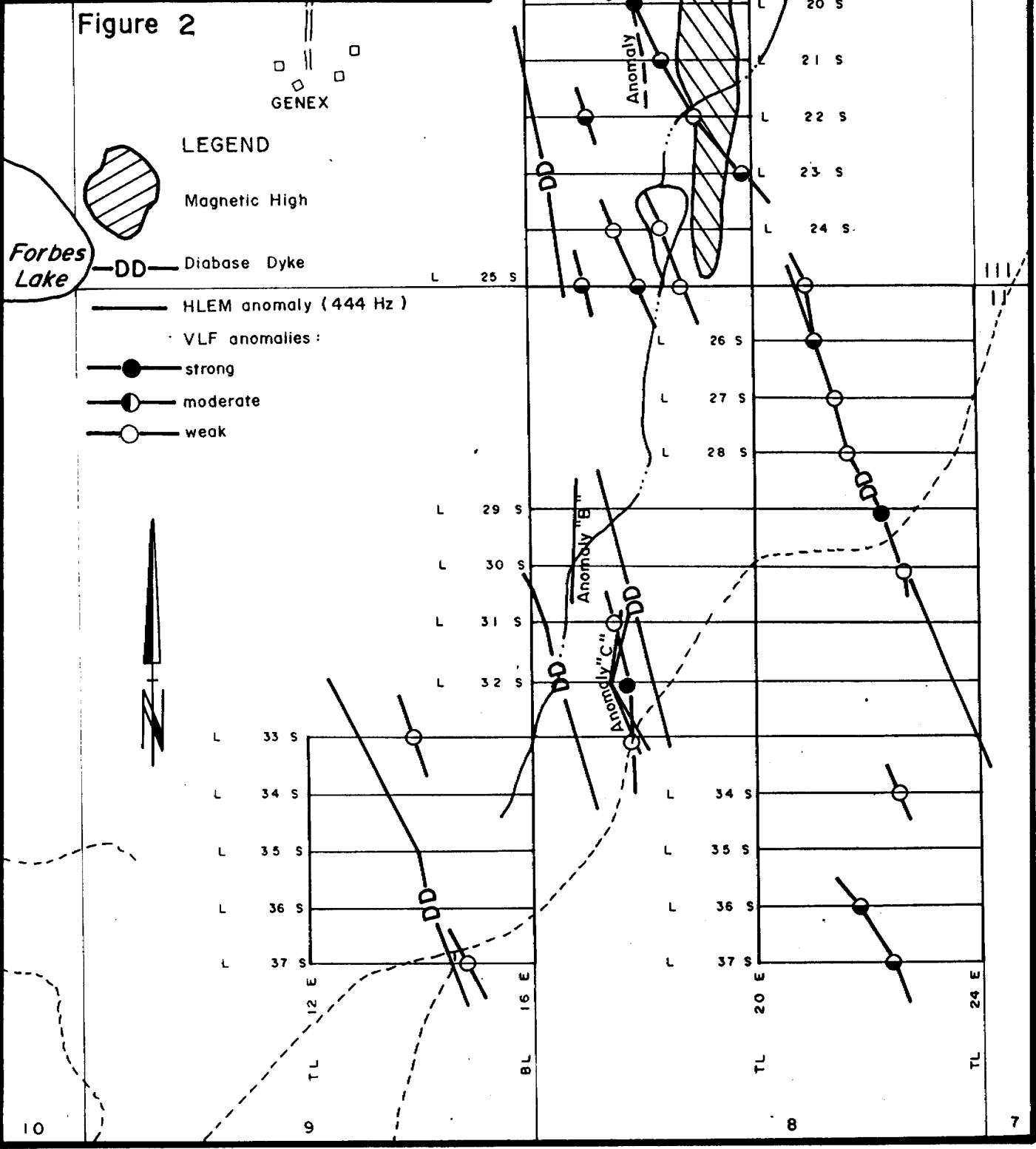
Date: Taylor

Drawn: Milene

Project N^o: 242

Date: 16/OI/86

Figure 2



magnetometer which measures the earth's total magnetic field to an accuracy of ± 0.1 gamma. The diurnal drift was monitored every 30 seconds with a Scintrex MP-3 base station magnetometer located at 1600 East on Line 1700 South. The base value was set at 59,107 gammas. A total of 769 readings were taken along 13.33 km of line.

A Scintrex IGS-2/VLF-4 was used in the VLF-EM survey. Parameters measured include the horizontal field strength and the in-phase and quadrature components of the vertical field normalized to the horizontal field. The transmitter station used was Annapolis, Maryland which transmits at a frequency of 21.4 kHz. Seven hundred and seventy readings were taken along 13.35 km of line.

HLEM RESULTS

The results of a horizontal loop EM survey indicate three conductive zones striking north to northwest (Maps 1 and 2).

Anomaly A, located between 1900 and 2100 South, suggests the presence of a moderately conductive source (Table 1). The response width is narrow except on Line 2000 South at high frequency.

Anomaly B is located only on Lines 2900 and 3000 South. The source is also narrow, but of higher conductivity than

ANOMALY A: 444 Hz, 120 m COIL SEPARATION

Line	Anomaly Center	Anomaly Width	Indicated Depth	I. P Max.	O. P Max.	Response Parameter	Conductivity Thickness	Remarks
1900 S	1700 E	narrow	42m	-2	-4		4.5	assume dip = 90° very weak response
2000 S	1800 E	narrow	12m	-1	-3		1.5	
2100 S	1810 E	narrow	66m	-2	-2		11	

ANOMALY B: 444 Hz, 120 m COIL SEPARATION

Line	Anomaly Center	Anomaly Width	Indicated Depth	I. P Max.	O. P Max.	Response Parameter	Conductivity Thickness	Remarks
2900 S	1680 E	narrow	43	-8	-7		19	
3000 S	1680 E	narrow	35	-3	-6		5	

ANOMALY C: 444 Hz, 120 m COIL SEPARATION

Line	Anomaly Center	Anomaly Width	Indicated Depth	I. P Max.	O. P Max.	Response Parameter	Conductivity Thickness	Remarks
3100 S	1760 E	narrow	46m	-7	-6		19	
3200 S	1740 E	narrow	46m	-6	-6		16	
3300 S	1785 E	10 m	49m	-3	-4		7	

Anomaly A. The average depth to the conductor is 40 m (Table 2). The anomaly width appears to be greater on high frequency data, but interpretation is hindered by Anomaly C interference.

Anomaly C, located between Lines 3000 and 3300 South, is the strongest of the three anomalies, and lies at depth of 45-50m (Table 3). Anomaly width varies from narrow to 10 m on low frequency data and up to 30 m on high frequency.

None of the three anomalies have been previously tested by diamond drilling. The recommended target for drilling is Anomaly C on Line 3100 South. Conductivity is highest here and width is 30 m on high frequency data. Drilling along any part of either Anomaly B or C can also be justified, based on conductor conductivity and width calculations.

A weak anomaly is present at 2130 East on Line 2600 South in the high frequency data (Map 2). It can be seen as a weak quadrature response on adjacent lines. This anomaly appears to be stronger on the EM survey conducted by Utopia Mines, and it is possible that the conductor is stronger at depth. A PEM survey would determine if this is true.

MAGNETIC RESULTS

The results of a magnetometer survey (Map 3) indicate north northwest trending features. The linear nature of

these anomalies suggests the sources are diabase dikes. The large magnetic high, located on map 3, is a broad linear feature which could represent several closely spaced diabase dikes. HLEM Anomaly A is located on the southern flank of this anomaly. Anomalies A and B are located between two dikes. The anomalies do not appear to have an associated magnetic response.

VLF RESULTS

VLF results (map 4) indicate north northwest trending features. With the exception of a few localized anomalies, the anomalies can be correlated to magnetic features (ie. geological contact) or HLEM conductors. The results of all surveys are compiled in Figure 2.

Sharon Taylor

D E C L A R A T I O N

I graduated from Mount Allison University in 1982 with a B.Sc. in geology and from Queen's University in 1985 with an M.Sc. in geophysics.

I am a fellow of the Society of Exploration Geophysicists, the European Association of Exploration Geophysicists, and the Prospectors and Developers Association.

Sharon Taylor
SHARON TAYLOR

GENERAL GEOLOGY

The area consists of steeply dipping felsic and mafic volcanic units with gabbroic intrusions and north-south trending diabase dikes.

PREVIOUS WORK

Several companies have conducted geophysical surveys over all or part of the forty claims covered in this report. These companies include Copper-Man Mines Ltd. (electrical resistivity and magnetic surveys, 1959) Rual Porcupine Mines Ltd. (mag, 1945), Broulan Reef Mines (dip angle survey, 1955), Mespi Mines (VEM, mag, airborne EM and mag, 1964), Mespi Mines (Crone JEM, 1966), Hollinger Mines (mag, EM, 1968), Noranda Mines (mag, EM, 1975), Northern Mines Inc. (HL, 1976) Hollinger Mines (VLF, 1978), Samin (HL, mag, 1981-1982). Data collected from these surveys is available from assessment files in Timmins. Airborne EM and mag was flown for Texasgulf in 1981. In addition, Rual Porcupine Mines Ltd. (1945), Utopia Mines Ltd. (1961), Hollinger (1968-1970) and Samin (1982) carried out mapping and lithogeochemical analysis over part of the surveyed area. Kennoco Explorations Canada Ltd. (1952) carried out trenching, dug a pit and sunk a timbered shaft (claim P-634756).

GENERAL GEOLOGY

The area consists of steeply dipping felsic and mafic volcanic units with gabbroic intrusions and north-south trending diabase dikes.

PREVIOUS WORK

Several companies have conducted geophysical surveys over all or part of the forty claims covered in this report. These companies include Copper-Man Mines Ltd. (electrical resistivity and magnetic surveys, 1959) Rual Porcupine Mines Ltd. (mag, 1945), Broulan Reef Mines (dip angle survey, 1955), Mespi Mines (VEM, mag, airborne EM and mag, 1964), Mespi Mines (Crone JEM, 1966), Hollinger Mines (mag, EM, 1968), Noranda Mines (mag, EM, 1975), Northern Mines Inc. (HL, 1976) Hollinger Mines (VLF, 1978), Samin (HL, mag, 1981-1982). Data collected from these surveys is available from assessment files in Timmins. Airborne EM and mag was flown for Texasgulf in 1981. In addition, Rual Porcupine Mines Ltd. (1945), Utopia Mines Ltd. (1961), Hollinger (1968-1970) and Samin (1982) carried out mapping and lithogeochemical analysis over part of the surveyed area. Kenneco Explorations Canada Ltd. (1952) carried out trenching, dug a pit and sunk a timbered shaft (claim P-634756).



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) Geophysical
Township or Area Godfrey
Claim Holder(s) Kidd Creek Mines Ltd., P.O. Box 1140
571 Moneta Avenue, Timmins, Ontario
Survey Company Kidd Creek Mines Ltd.
Author of Report Sharon Taylor
Address of Author P.O. Box 1140, Timmins, Ontario
Covering Dates of Survey May 28/85 to Jan. 16, 1986
(linecutting to office)
Total Miles of Line Cut 18.0 km

MINING CLAIMS TRAVERSED
List numerically

Table with 2 columns: (prefix) and (number). Rows include P 833269, P 833641, P 833642, P 833643, P 834023, P 834037, P 836903.

If space insufficient, attach list

SPECIAL PROVISIONS CREDITS REQUESTED table with columns: Description, Geophysical, Geological, Geochemical, DAYS per claim.

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

Magnetometer Electromagnetic Radiometric
(enter days per claim)

DATE: Jan. 16, 1986 SIGNATURE: [Signature]
Author of Report or Agent

Res. Geol. Qualifications

Previous Surveys

Table with 4 columns: File No., Type, Date, Claim Holder

TOTAL CLAIMS 7

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations 663 Number of Readings HLEM 459 Mag 769 VLF 770
Station interval 20 m Line spacing 100 m
Profile scale HLEM 1cm = 20%, VLF 1 cm = 50 degrees
Contour interval mag. 50 gammas

MAGNETIC

Instrument Scintrex IGS-2/MP-4 Proton Precession magnetometer
Accuracy - Scale constant + 0.1 gamma
Diurnal correction method Base Station Recorder
Base Station check-in interval (hours) 30 seconds
Base Station location and value 1700S, 1600E base value 59,107

ELECTROMAGNETIC

Instrument Apex Parametrics Max Min II
Coil configuration Horizontal Loop
Coil separation 120 m
Accuracy + 1%
Method: [] Fixed transmitter [] Shoot back [x] In line [] Parallel line
Frequency 444 Hz and 1777 Hz (specify V.L.F. station)
Parameters measured Secondary field as a percent of the primary field

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 Electromagnetic

Instrument IGS-2/VLF-4

Accuracy ± 1 Field strength, $\pm 1\%$ secondary components

Parameters measured In phase and quadrature components of secondary field as a percent of the primary field.

Additional information (for understanding results) Station utilized was Annapolis, Maryland (21.4 kHz).

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 _____



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

423/85.
28818
Mining Act

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

Jan 8/86

Type of Survey(s) Geophysical		Township or Area Godfrey	
Claim Holder(s) Kidd Creek Mines Ltd.		Prospector's Licence No. T-1848	
Address 571 Moneta Avenue, P. O. Box 1140, Timmins, Ontario P4N 7H9			
Survey Company Kidd Creek Mines Ltd.	Date of Survey (from & to) 11 10 85 17 10 85 Day Mo. Yr. Day Mo. Yr.		Total Miles of line Cut 18.0 km
Name and Address of Author (of Geo-Technical report) Sharon Taylor, P. O. Box 1140, 571 Moneta Avenue, Timmins, Ontario P4N 7H9			

Credits Requested per Each Claim in Columns at right

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

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
P	833269				
	833641				
	833642				
	833643				
	834023				
	834037				
	836903				

RECEIVED
DEC 8 1985
MINING LANDS SECTION

RECORDED
NOV 19 1985

PORCUPINE MINING DIVISION
RECEIVED
NOV 19 1985

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures \$ ÷ 15 = Total Days Credits

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

Total number of mining claims covered by this report of work. **7**

Date **Nov. 19, 1985** Recorded Holder or Agent (Signature) *Sharon Taylor*

For Office Use Only

Total Days Cr. Date Recorded **560 Nov 19/85** Mining Recorder *[Signature]*

Date Approved as Reported **10.1.27** Branch Director *[Signature]*

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
Sharon Taylor, Kidd Creek Mines Ltd., P. O. Box 1140, 571 Moneta Avenue, Timmins, Ontario P4N 7H9

Date Certified **Nov. 19, 1985** Certified by (Signature) *Sharon Taylor*

Kidd Creek Mines Ltd.

Box 1140
571 Moneta Avenue,
Timmins, Ontario P4N 7H9
(705) 267-1188

Exploration Division

January 16, 1986

Mr. Ray Pichette
Director, Land Management Branch
Whitney Block, Room 6450
Queen's Park
TORONTO, Ontario
M7A 1W3

Dear Sir:

Re: GODFREY TOWNSHIP

Enclosed please find duplicate copies of a report and maps covering claims in Godfrey Township. The claims aforementioned are P-833269 et al.

Your prompt attention to this matter would be greatly appreciated.

Yours truly,

Sharon Taylor
SHARON TAYLOR

ST/pp
Encls.

RECEIVED

JAN 20 1986

MINING LANDS SECTION

Kidd

January 8, 1986

Report of Work 423/85

Kidd Creek Mines Ltd
571 Moneta Avenue
P.O. Box 1140
Timmins, Ontario
P4N 7H9

Dear Sirs:

RE: Mining Claims P 833269, et al,
in Godfrey Township

I have not received the reports and maps (in duplicate)
for Geophysical (Magnetometer, Electromagnetic and VLF)
Surveys on the above-mentioned mining claims.

As the assessment "Report of Work" was recorded by the
Mining Recorder on November 19, 1985 the 60 day period
allowed by Section 77 of the Mining Act for the submission
of the technical reports and maps to this office will
expire on January 18, 1986.

If the material is not submitted to this office by January 18,
1986 I will have no alternative but to instruct the Mining
Recorder to delete the work credits from the claim record
sheets.

For further information, please contact Mr. Arthur Barr at
(416)965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-4888

AB/mc

cc: Mining Recorder - Timmins, Ontario

Encl.

Kidd Creek Mines Ltd.

Box 1140
571 Moneta Avenue,
Timmins, Ontario P4N 7H9
(705) 267-1188

Exploration Division

January 24, 1986

Mr. Ray Pichette
Director, Land Management Branch
Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3

RECEIVED
JAN 30 1986
MINING LANDS SECTION

Dear Sir:

Re: Godfrey Township

Enclosed please find duplicate copies of page 3 of an assessment report entitled Geophysical Report on Godfrey 21. There was a line omitted from the bottom of the page in the original report.

Your prompt attention to this matter would be greatly appreciated.

Yours truly

Sharon Taylor
SHARON TAYLOR

ST/pp
Enc's.

*Pat. Please
return file
2.8818.*

KIDD

Mining Lands Section

File No 28818

Control Sheet

TYPE OF SURVEY GEOPHYSICAL
 GEOLOGICAL
 GEOCHEMICAL
 EXPENDITURE

MINING LANDS COMMENTS:

lga
L.S.

J. Hurst
Signature of Assessor

Jan 26/86
Date

m CM ULF

2.8818

833269

✓

✓

✓

641

✓

✓

✓

42

✓

✓

✓

43

✓

✓

✓

834023

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31

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836903

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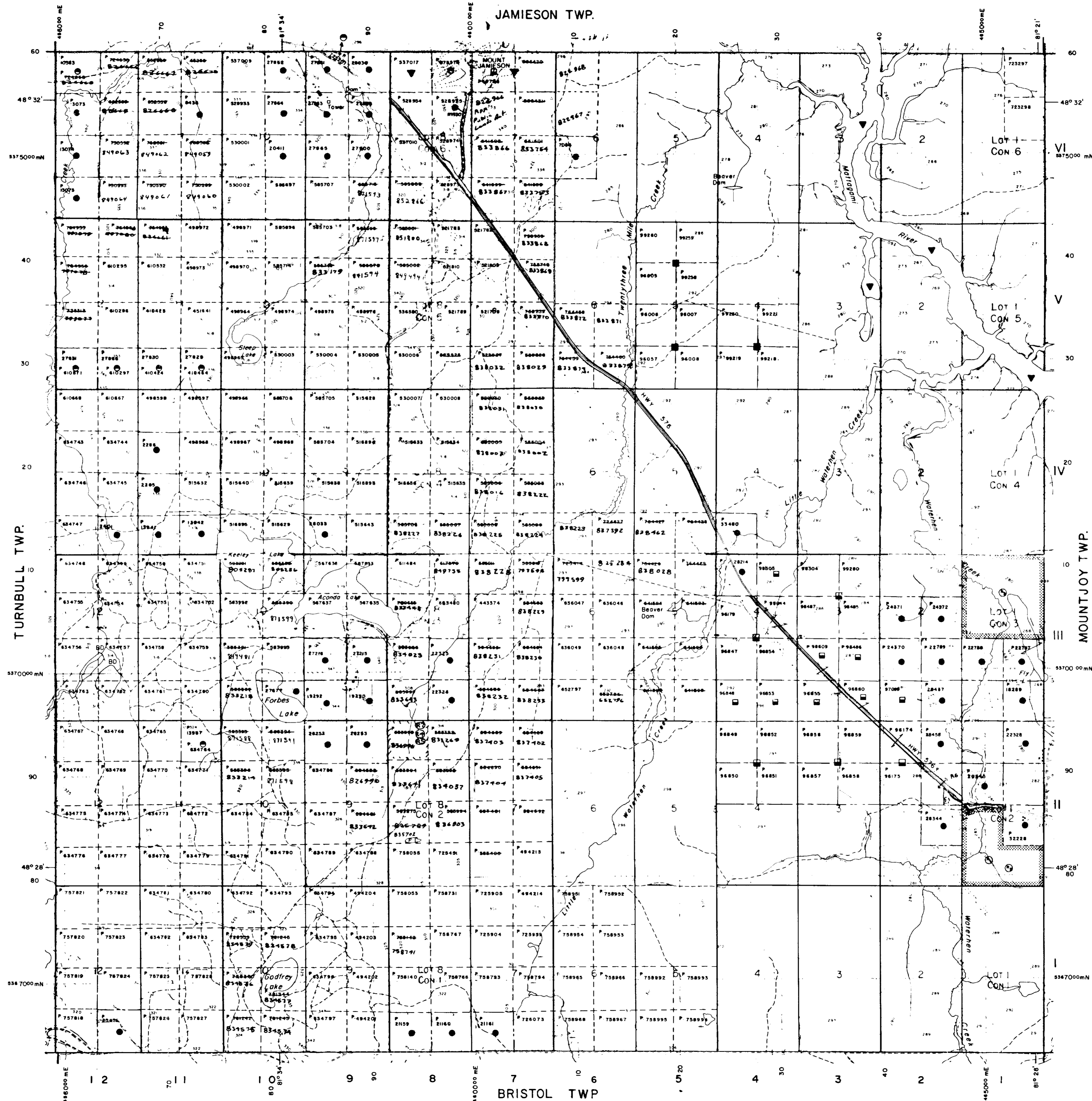
A

MAP SYMBOLOLOGY

Aerial Cableway	Pipeline (above ground)
Boundary	Railroad
International	Single Track
Provincial	Double Track
District/Township	Abandonment
Section Boundary	Turbine
Approximate	Road
Lot/Concession	Highway County
Approximate	Township
Perimeter Boundary	Access (road of doubtful or no status)
Approximate	Trail, Back Road (single/double)
Bridge	Rapids
Road, Railway	Double line river with multiple rapids
Building	Double line river with multiple rapids
Chimney	Reservoir
Cliff, Pit, Pile	River, Stream, Canal
Contours	Approximate
Interpretation	Location of flow
Approximate	Rock
Approximate	Spot Elevation (from altimeter)
Control Points	Tower
Horizontal	Transmission Line
Vertical	Pole
Vertical	Pillar
Culvert	Utility Poles
Falls	Wharf, Deck, Pier
Double line river	Wooded Area
Fence, Hedge, Wall	
Feature Outline (Construction features, etc.)	
Flooded Land	
Lock	
Marsh or Swamp	
Moat	
Mine Head Frame	
Outcrop	

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
⊙ - S.R.O. UNDER APPLICATION FOR AGRICULTURAL PURPOSES				
⊙ - CERTIFIED AGRICULTURAL LAND - 26/8/82 SUBJECT TO SEC 41(1) OF THE MINING ACT				
⊙ - BONA FIDE APPLICATION				
⊙ - Pending S.R. Disposition under P.L.A.				
⊙ - Pending proceedings, land not open				
⊙ - ALSO ONLY NO. 15, 85-835628				

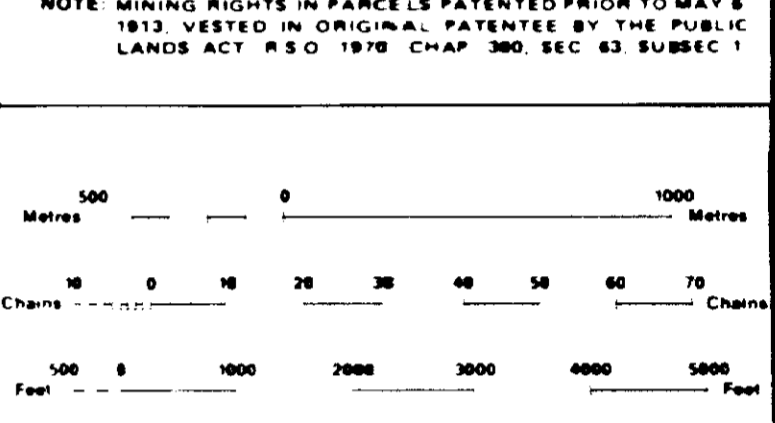


LEGEND

Highway and Route No	Other Roads
Survey Lines	UNSURVEYED LINES
Lot Lines	Parcel Boundary
Mining Claims Etc	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	○



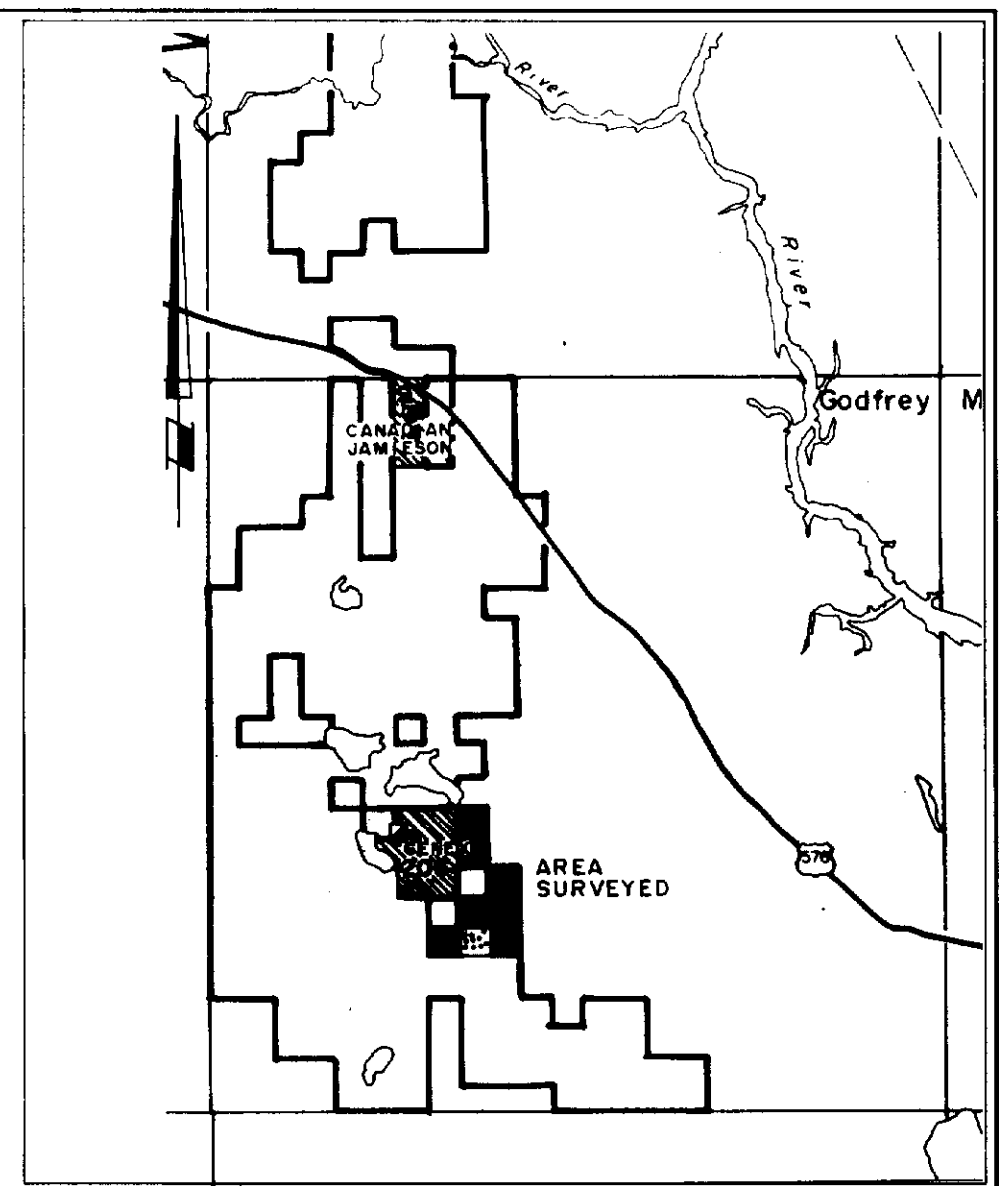
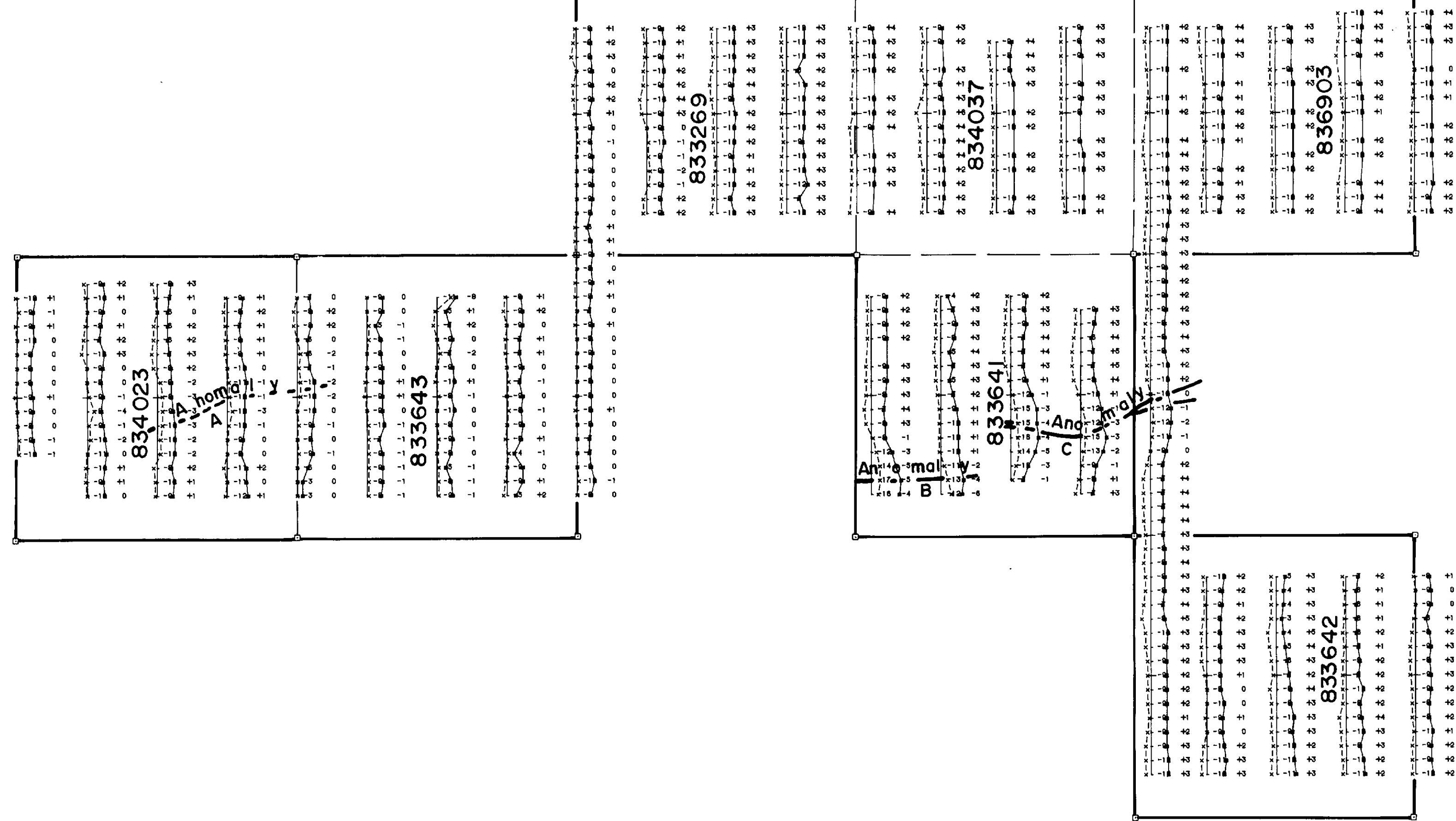
NOTES
FLOODING RIGHTS ON EITHER SIDE OF THE MATTAGAMI RIVER TO HEPC

Up to date as of:
Dec 18/85

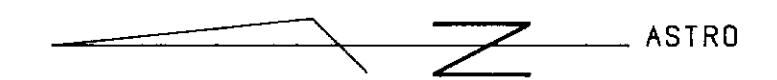
TOWNSHIP
GODFREY
M.N.S. ADMINISTRATIVE DISTRICT
TIMMINS
MINING DIVISION
PORCUPINE
LAND TITLES / REGISTRY DIVISION
COCHRANE

LINE 1700 S
 LINE 1800 S
 LINE 1900 S
 LINE 2000 S
 LINE 2100 S
 LINE 2200 S
 LINE 2300 S
 LINE 2400 S
 LINE 2500 S
 LINE 2600 S
 LINE 2700 S
 LINE 2800 S
 LINE 2900 S
 LINE 2920 S
 LINE 3000 S
 LINE 3020 S
 LINE 3100 S
 LINE 3120 S
 LINE 3200 S
 LINE 3220 S
 LINE 3320 S
 LINE 3400 S
 LINE 3500 S
 LINE 3600 S
 LINE 3700 S

22 E —
 20 E —
 18 E —
 16 E —
 14 E —



KEY MAP SCALE 1 : 100,000



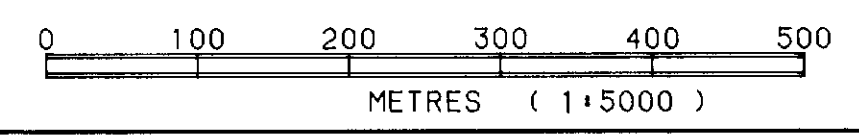
HLEM ANOMALY
 — strong
 - - - weak
 □ IDEALIZED CLAIM POST LOCATIONS

LEGEND

INSTRUMENT : APEX PARAMETRICS MAXMIN I
 FREQUENCY : 444 Hz
 COIL SPACING : 120 METRES
 PROFILE SCALE : 1 CM = 20%

444 Hz
 IN-PHASE READINGS
 QUADRATURE READINGS

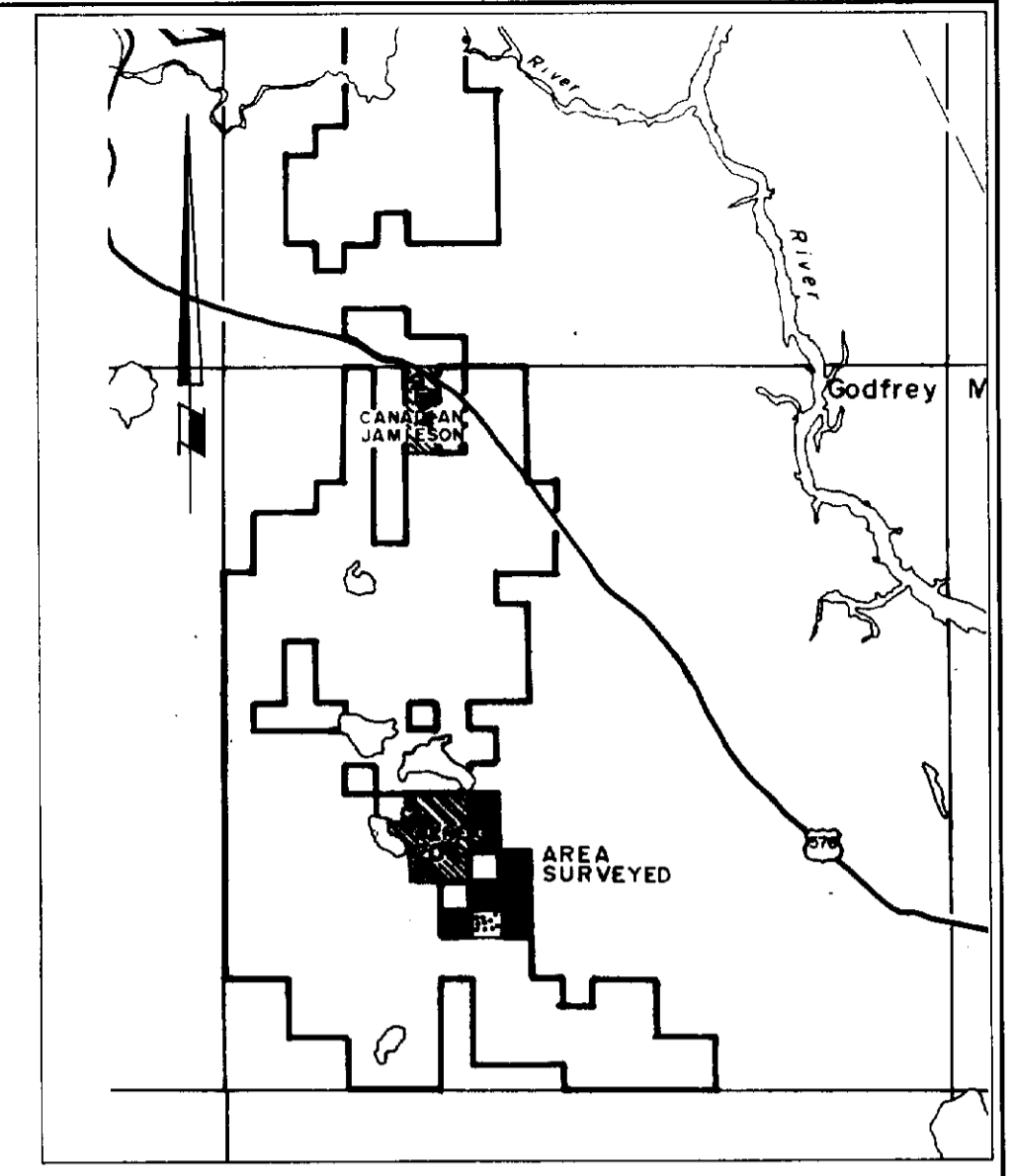
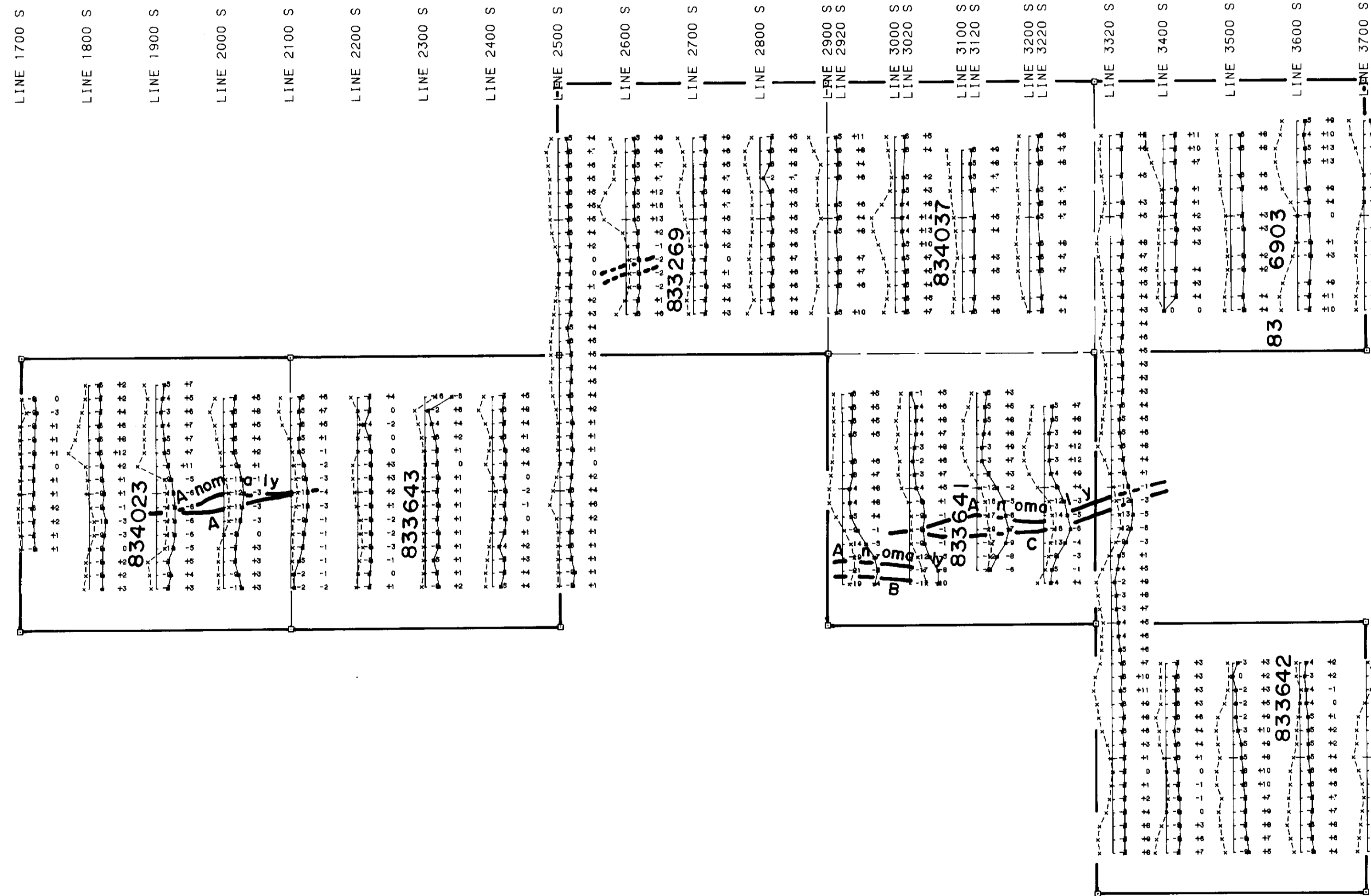
+ READINGS - READINGS



28818

KIDD CREEK MINES LTD.		
HORIZONTAL LOOP SURVEY		
GODFREY TOWNSHIP		
GODFREY 23		
NTS:42-A-12		PROJ. #242
WORK BY	DATE	FILE NAME
Shawn Taylor	1985	8560D23.HL

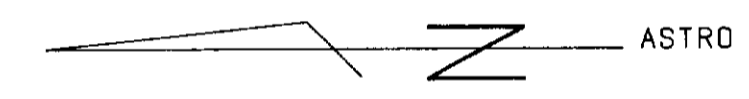




KEY MAP SCALE 1 : 100,000

22 E —
 20 E —
 18 E —
 16 E —
 14 E —

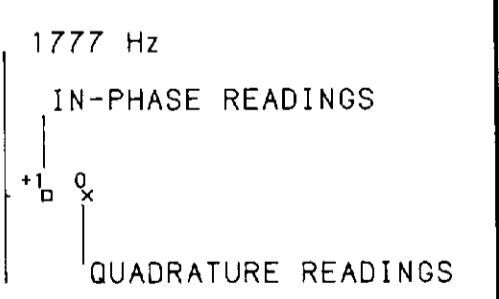
LINE 1700 S
 LINE 1800 S
 LINE 1900 S
 LINE 2000 S
 LINE 2100 S
 LINE 2200 S
 LINE 2300 S
 LINE 2400 S
 LINE 2500 S
 LINE 2600 S
 LINE 2700 S
 LINE 2800 S
 LINE 2900 S
 LINE 2920 S
 LINE 3000 S
 LINE 3020 S
 LINE 3100 S
 LINE 3120 S
 LINE 3200 S
 LINE 3220 S
 LINE 3320 S
 LINE 3400 S
 LINE 3500 S
 LINE 3600 S
 LINE 3700 S



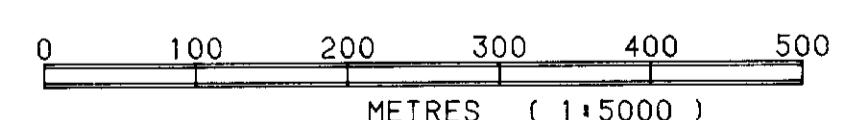
HLEM ANOMALY
 — strong
 - - - weak
 □ IDEALIZED CLAIM POST LOCATIONS

LEGEND

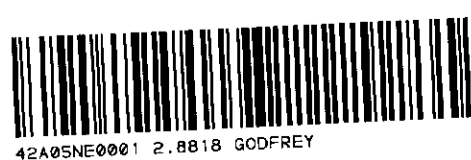
INSTRUMENT : APEX PARAMETRICS MAXMIN I
 FREQUENCY : 1777 Hz
 COIL SPACING : 120 METRES
 PROFILE SCALE : 1 CM=20M



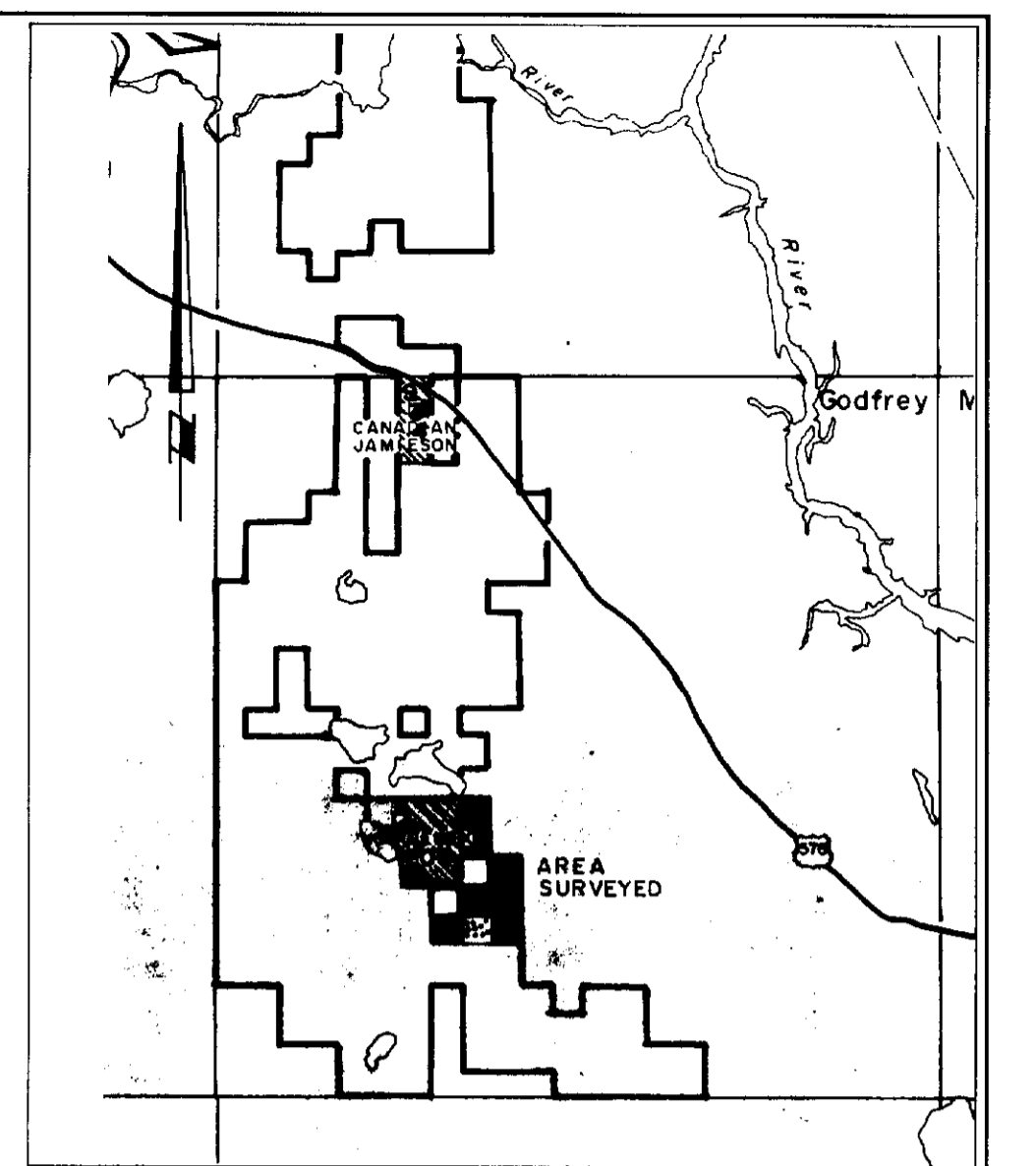
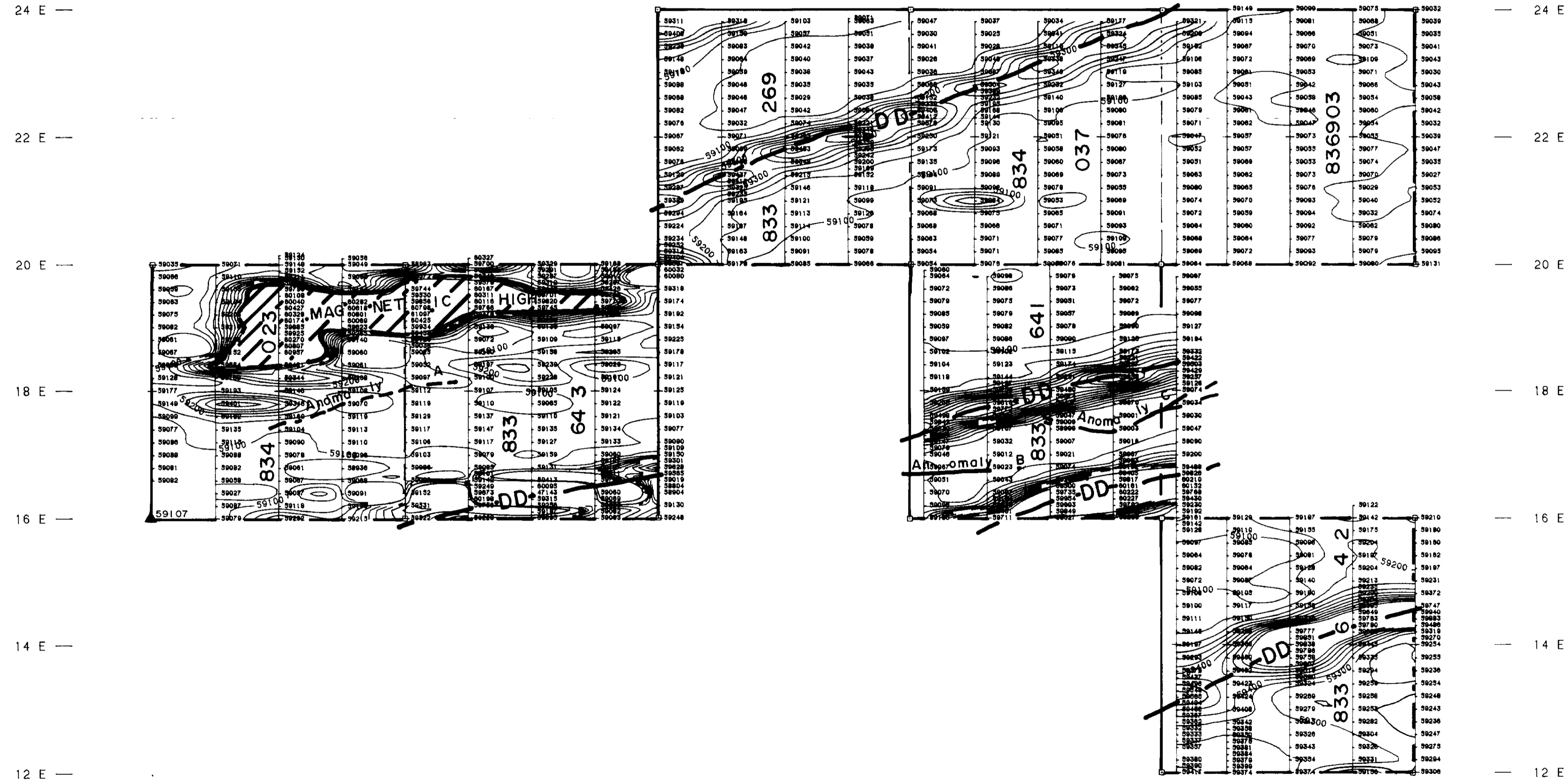
2878



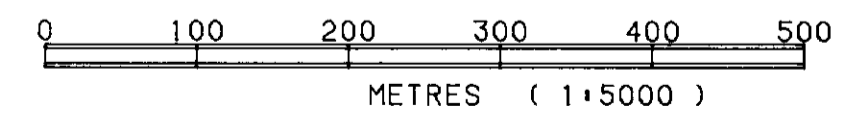
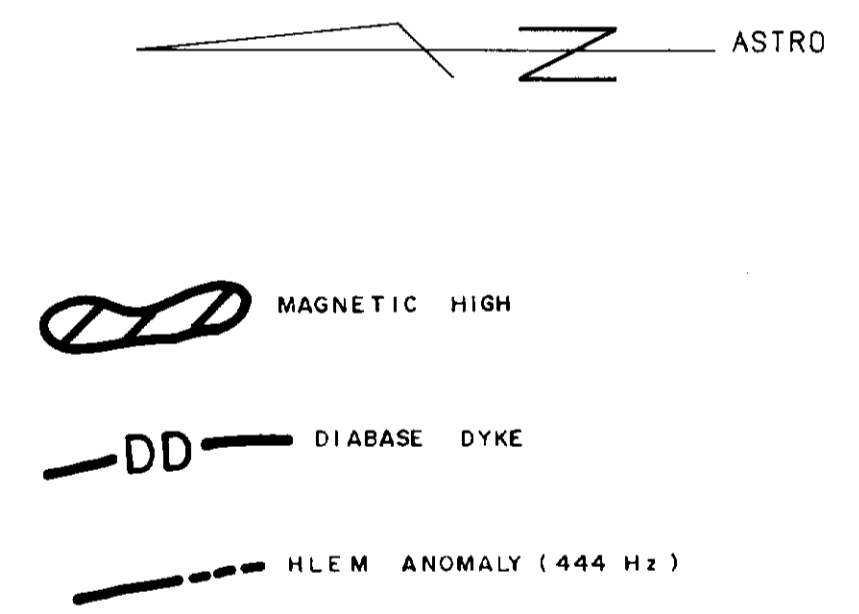
KIDD CREEK MINES LTD.		
HORIZONTAL LOOP SURVEY		
GODFREY TOWNSHIP		
GODFREY 23		
NTS: 42-A-12		PROJ. #242
WORK BY	DATE	FILE NAME
Shawn Taylor	1985	8560D23.HL



LINE 1700 S
 LINE 1800 S
 LINE 1900 S
 LINE 2000 S
 LINE 2100 S
 LINE 2200 S
 LINE 2300 S
 LINE 2400 S
 LINE 2500 S
 LINE 2600 S
 LINE 2700 S
 LINE 2800 S
 LINE 2900 S
 LINE 2920 S
 LINE 3000 S
 LINE 3020 S
 LINE 3100 S
 LINE 3120 S
 LINE 3200 S
 LINE 3220 S
 LINE 3320 S
 LINE 3400 S
 LINE 3500 S
 LINE 3600 S
 LINE 3700 S



KEY MAP SCALE 1 : 100,000



KIDD CREEK MINES LTD.

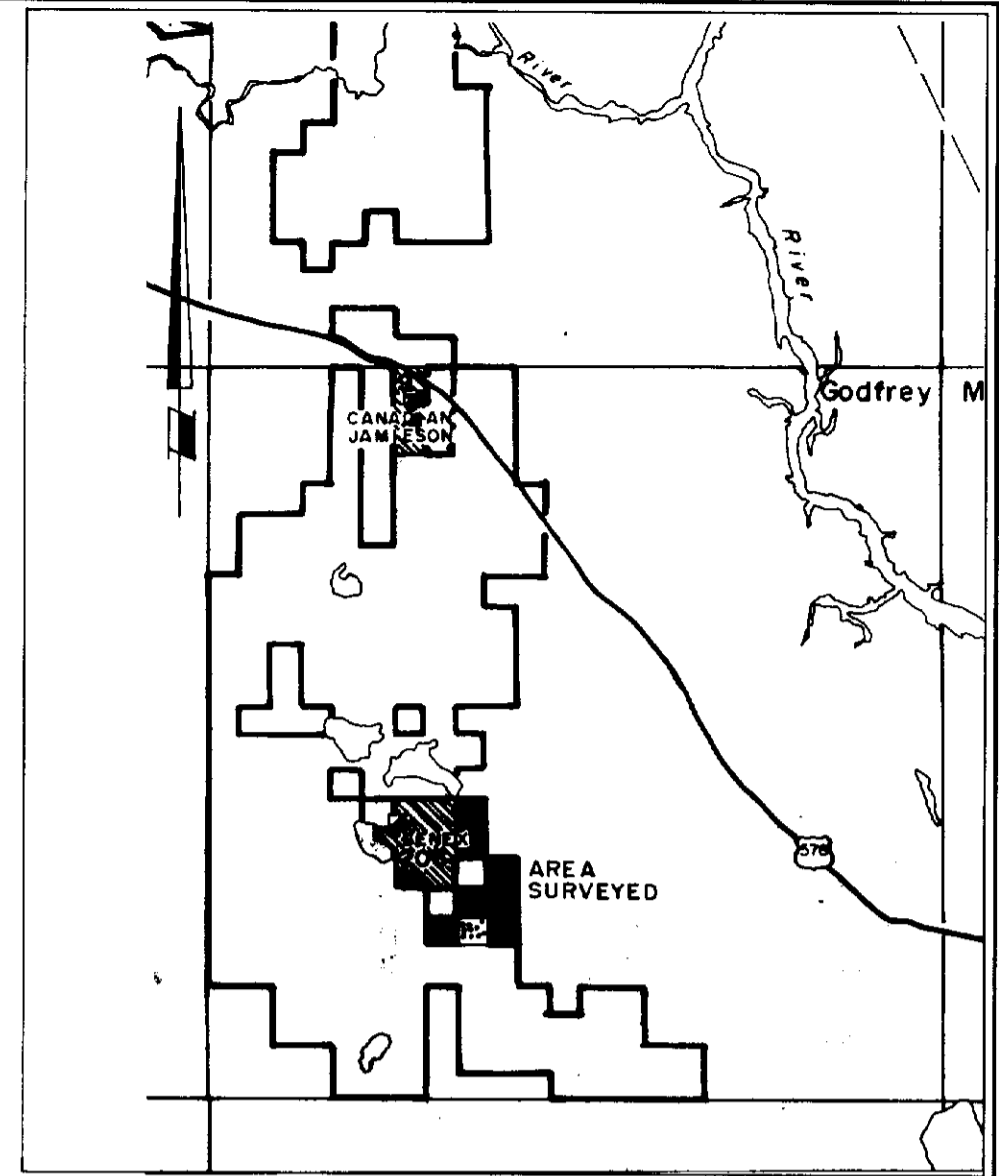
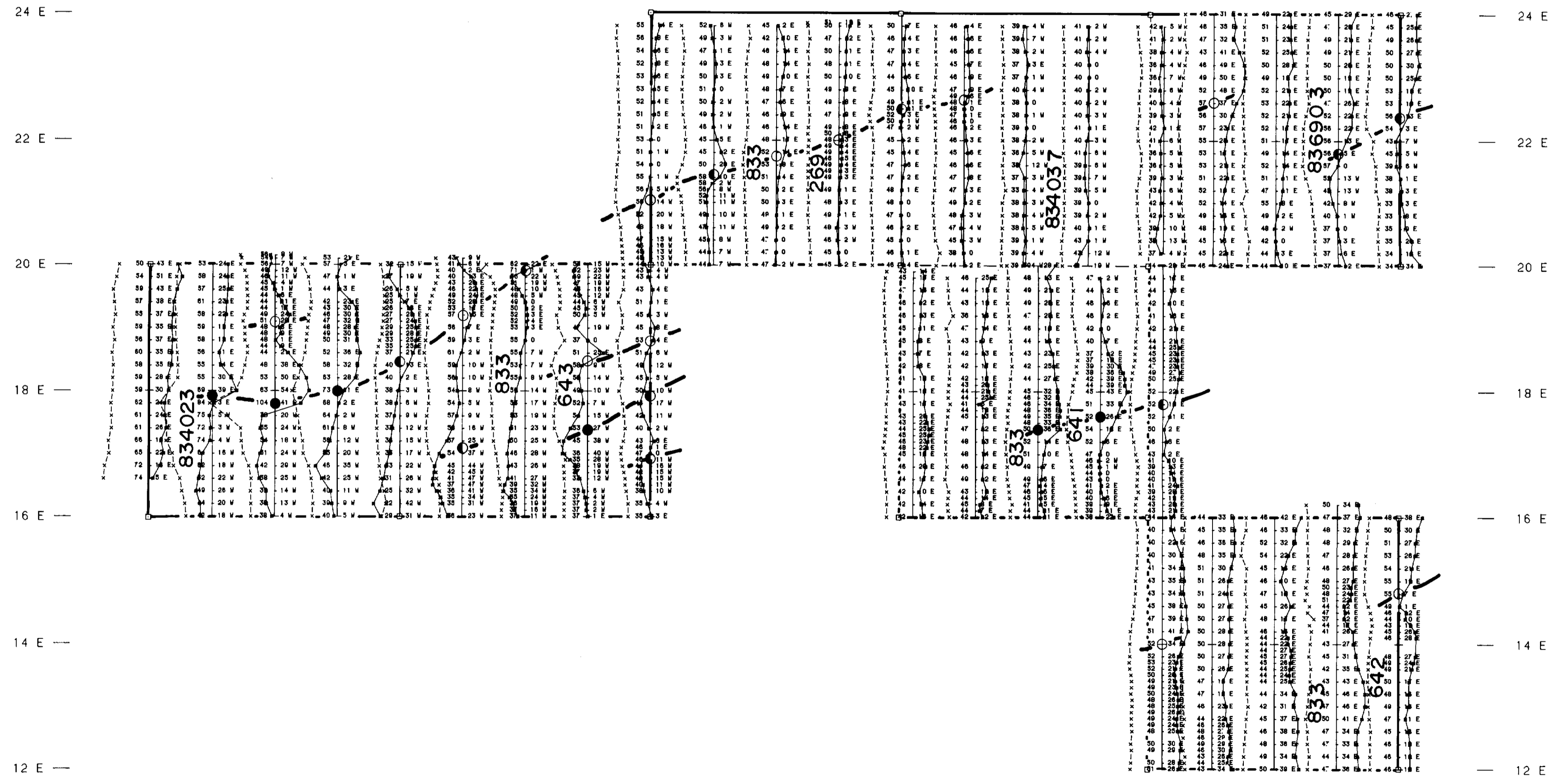
MAGNETIC SURVEY
 GODFREY TOWNSHIP
 GODFREY 23

NTS:42-A-12 PROJ. #242

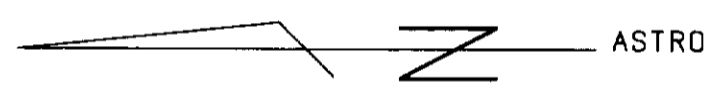
WORK BY	DATE	FILE NAME
Shawn Taylor	1985	85G0D23.MAG



LINE 1700 S
 LINE 1800 S
 LINE 1900 S
 LINE 2000 S
 LINE 2100 S
 LINE 2200 S
 LINE 2300 S
 LINE 2400 S
 LINE 2500 S
 LINE 2600 S
 LINE 2700 S
 LINE 2800 S
 LINE 2900 S
 LINE 2920 S
 LINE 3000 S
 LINE 3020 S
 LINE 3100 S
 LINE 3120 S
 LINE 3200 S
 LINE 3220 S
 LINE 3320 S
 LINE 3400 S
 LINE 3500 S
 LINE 3600 S
 LINE 3700 S



KEY MAP SCALE 1 : 100,000

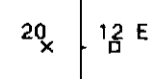


- VLF ANOMALIES
- strong
 - moderate
 - weak
 - IDEALIZED CLAIM POST LOCATIONS

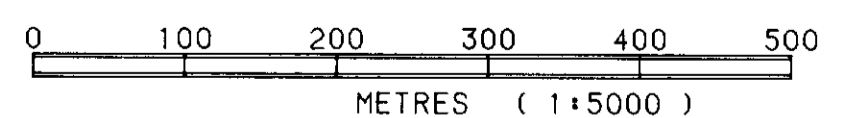
LEGEND

INSTRUMENT + SCINTREX IGS-2/VLF-4
 STATION + ANNAPOLIS, 21.4 KHz
 PROFILE SCALE + DIP ANGLE 1 CM = 50°
 FIELD STRENGTH 1 cm = 50

FIELD STRENGTH (HORIZONTAL) DIP ANGLE (DEGREES)



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KIDD CREEK MINES LTD.		
V L F SURVEY		
GODFREY TOWNSHIP		
GODFREY 23		
NTS:42-A-12		PROJ. #242
WORK BY	DATE	FILE NAME
Shawn Taylor	1985	85G0D23.VLF

