KIDD CREEK MINES LTD.

REPORT ON GEOPHYSICAL WORK

IN

CUNNINGHAM TOWNSHIP

(CUNNINGHAM 31)

PETER LAKE NORTH GRID

NTS 41O/10

CLAIMS: P 561776
P 641208 - P 641214
P 641352

APRIL, 1984

J. A. SLANKIS

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

The geophysical work outlined a number of bedrock conductors, the most significant of which are known to be caused by pyritic and pyrrhotitic sections within a mixed oxide and sulphide facies iron formation. The remaining conductors are very weakly conductive and are almost certainly structural features. A short section of one of these conductors, zone E, contains sufficient conductive material, probably graphite, to give rise to a weak horizontal loop anomaly.

No further work can be recommended.

TABLE OF CONTENTS

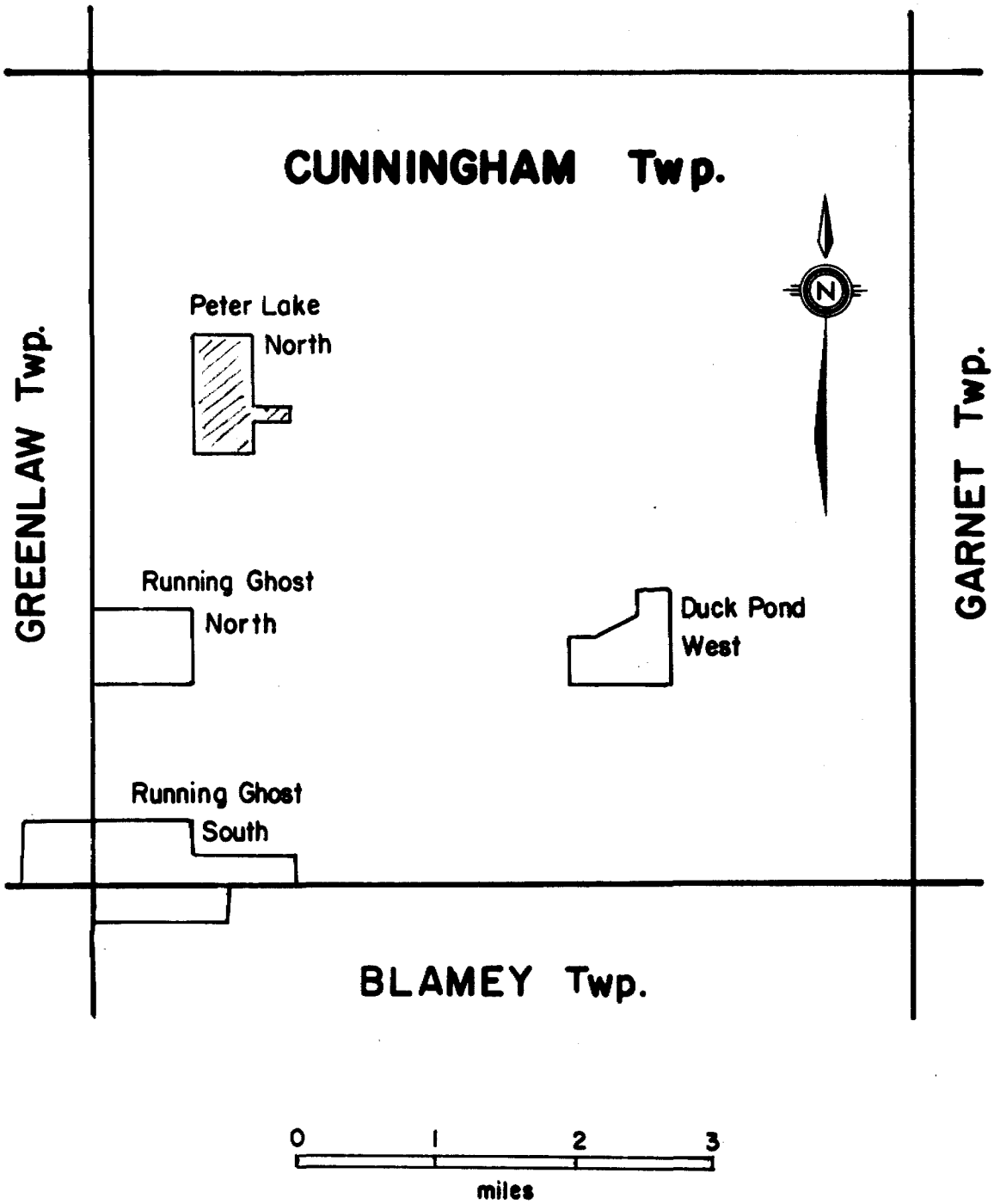


FIG. I LOCATION OF GRIDS

1. INTRODUCTION

1.1 General

Geophysical work consisting of magnetic, VLF and dual frequency horizontal loop surveys was carried out on this group of nine contiguous claims, located in the northwestern part of Cunningham Township (Fig. 1).

The surveys were performed during July, 1983 by the following Kidd Creek employees: M. W. Zang, D. Kujanpaa, R. Daigle and M. Mageau.

There is good access to this property by means of a road from Sultan, 14 km to the south, which passes just east of this grid. The crew was based at a camp at the northern end of Running Ghost Lake, 4 km south of the grid, and used this road to gain access to the property.

1.2 Previous Work

There has been extensive previous exploration work in this township, most of it concentrated on the showings of lead and zinc mineralization in the north-central part of the township.

The most recent geological map of Cunningham Township (Siragusa, 1980) shows that the Isaiah Creek fault passes through the grid, from the southeast corner to the northwest corner. West of the fault, the rocks are mainly massive intermediate to mafic metavolcanics. To the east, there are similar metavolcanics as well as granitic intrusives, a

cherty iron formation and a number of gabbroic and peridotitic intrusives.

This grid lies within the area covered by an OGS-sponsored airborne survey (OGS, 1982). Figure 2 shows the grid outline superposed on the combined EM and magnetic airborne results. The trend of high magnetic field strengths, which enters the grid from the east, originates from the mafic and ultramafic intrusives. The western end of this trend is terminated by the Isaiah Creek fault. The INPUT anomalies are all five- or six-channel responses and typically have conductivity-thickness values in the range of 10 to 20 siemens. The sources of the anomalies appear to be near-surface.

There are no written reports of previous exploration work within this grid. However, immediately to the east, extensive drilling by several companies (Texasgulf Inc., Man-East Uranium Mines Ltd., Page-Harley Mines Ltd.) discovered extensive, though generally very low grade, Cu-Zn-Pb-Ag mineralization in a cherty iron formation.

2. SURVEY RESULTS

2.1 Magnetics (EDA PPM-350, proton precession magnetometer)

The large area of intense magnetic highs and lows, which extends from approximately 15700N/Line 11600E to 16000/Line 12300E, overlies a large gabbro intrusive within which are smaller bodies of peridotite. The two most intense highs

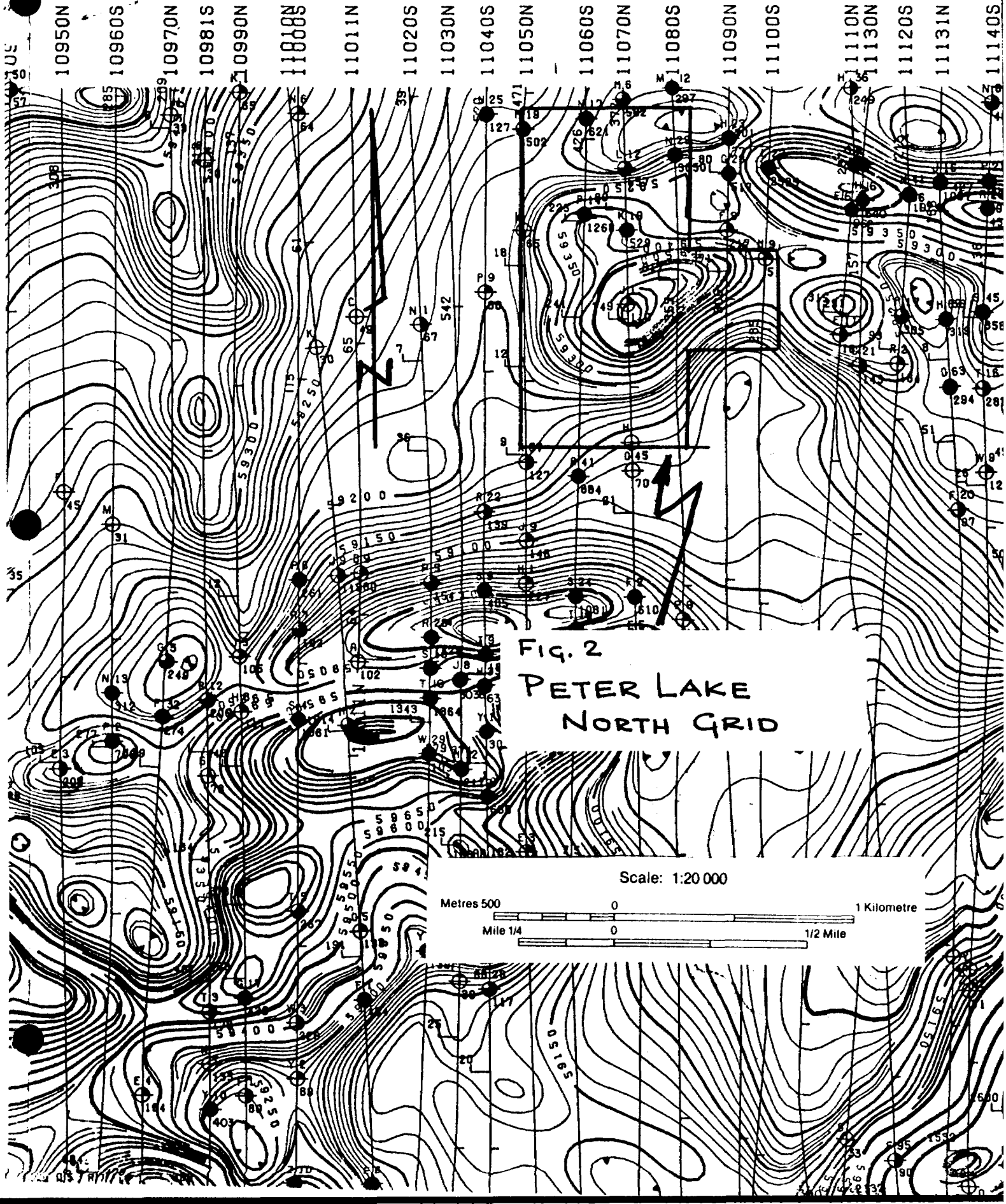


Fig. 2

PETER LAKE
NORTH GRID

(15640N/Line 11600E and 15740N/Line 11700E) occur over peridotite.

The remaining major magnetic feature, the discontinuous high from 16080N/Line 11500E to 16380N/Line 11900E, is caused by a magnetite rich section of a cherty, mixed sulphide and oxide facies iron formation.

2.2 VLF (Crone Geophysics RADEM, VLF Transmitter NAA, Cutler, Maine, 17.8 kHz)

Many of the anomalies detected by this survey appear to be caused by surficial sources, primarily transitions from overburden to outcrop. These are labelled "S" on the VLF map. Interestingly, nearly all of these overburden anomalies occur in areas underlain by granite.

The anomaly labelled "F" is interpreted to be the trace of the Isaiah Creek fault.

Anomalies A, B and C, as well as several nearby isolated anomalies on Line 11900E, are caused by multiple conductive sections in the cherty, mixed sulphide and oxide facies iron formation. The higher conductivity is due to pyrite and pyrrhotite stringers.

It is not clear whether anomaly D arises from an overburden or bedrock source. As interpreted, the anomaly passes over or near several outcrops, which might give rise to overburden effects; however, there is also the possibility that the gabbro bedrock contains conductive sulphides.

Anomalies E, G and H appear to reflect structural features within the gabbro, possibly shear zones.

2.3 Horizontal Loop (Apex Parametrics Max Min II, Tx - Rx = 80 m, 444 Hz and 1777 Hz)

Most of the horizontal loop responses are associated with the iron formation and arise from pyrite and/or pyrrhotite rich sections within the formation. All three conductors (A, B and C) display variable conductivities along strike, and on many lines the anomalies are incompletely defined because of water obstacles or proximity to the edge of the grid.

Conductor A has its highest conductivity on Line 11900E (15 to 20 siemens), but the value decreases westward to 4 siemens on Line 11500E. Its width is 20 metres on Line 11500E, the only line where an interpretation is possible, and its depth of burial is minimal, a few metres at most. Most probably, the conductor dips to the south at approximately 60°.

The only parameters that can be determined for conductor B are that its conductance is less than 10 siemens and that it is very shallowly buried.

On Line 11500E, conductor C is 5 to 7 metres wide, is located at a depth of less than 15 metres, has a conductance of 15 siemens and dips to the south.

Anomaly E reflects a 20 metres wide source of low conductivity, probably a graphitic section within a major shear zone.

REFERENCES

Siragusa, G. M., 1980: Cunningham Township Area, District of Sudbury; Ontario Geological Survey Prelim. Map P.2339 Geological Ser., Scale 1:15840 or 1 inch to ¼ mile. Geology 1978.

OGS, 1982: Airborne Electromagnetic and Total Intensity Magnetic Survey, Swayze Area, Isaiah Lake Sheet, District of Sudbury; by Questor Surveys Limited for the Ontario Geological Survey, Map 80 546 Geophysical/Geochemical Series, Scale 1:20,000. Survey and Compilation December, 1980, to February, 1981.

W8406 00091

Ministry of Natural Resources
Ontario

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

+9

41010NE0026 2.8630 CUNNINGHAM

900

The Mi...

— Do not use shaded areas below.

Type of Survey(s)
GEOPHYSICAL

Township or Area
CUNNINGHAM TWP.

Claim Holder(s)
KIDD CREEK MINES LTD.

Prospector's Licence No.
T-1

Address
357 BAY ST., STE. 300, TORONTO, ONTARIO M5H 2T7

Survey Company
KIDD CREEK MINES LTD.

Date of Survey (from & to)
1 5 83 (Day | Mo. | Yr.) — 1 3 84 (Day | Mo. | Yr.)

Total Miles of line Cut
12.6 km

Name and Address of Author (of Geo-Technical report)
J. A. SLANKIS, KIDD CREEK MINES LTD.

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical - Electromagnetic	40
	- Magnetometer	20
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other V1f	20
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

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.

Date: FEB 24, 1984

Recorded Holder or Agent (Signature): J. A. Slankis

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
P	561776				
	641208				
	641209				
	641210				
	641211				
	641212				
	641213				
	641214				
	641352				

RECEIVED
1 1984
MINING LANDS SECTION

PORCUPINE M... ON
RECEIVED
MAR 1984
A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

RECORDED
MAR 1984
Receipt No.

all revised statement

Total number of mining claims covered by this report of work: 9

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
120	March 1/84	
	Date Approved as Recorded	Branch Director of Mining Recorder

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
J. A. SLANKIS - 357 BAY ST., STE. 300, TORONTO, ONTARIO M5H 2T7

Date Certified: FEB 24, 1984

Certified by (Signature): J. A. Slankis

Mining Lands Section

File No 2.6630

Control Sheet

TYPE OF SURVEY ✓ GEOPHYSICAL

____ GEOLOGICAL

____ GEOCHEMICAL

____ EXPENDITURE

MINING LANDS COMMENTS:

Doug

Signature of Assessor

3/07/84

Date

LD

1984 08 10

Your File: 91-84
Our File: 2.6630

Mr. Bruce Hanley
Mining Recorder
Ministry of Natural Resources
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

RE: Notice of Intent dated July 16, 1984.
Geophysical (Electromagnetic, Magnetometer & V.L.F.) Survey on Mining Claims P 561776 et al in the township of Cunningham.

The assessment work credits as listed with the above mentioned Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

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

D. Isherwood:sc

cc: Kidd Creek Mines Limited
357 Bay Street
Suite 300
Toronto, Ontario
M5H 2T7

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

cc: Resident Geologist
Timmins, Ontario

Ministry of Natural Resources
Ontario

Technical Assessment Work Credits

File 2.6630

Date 1984 07 16

Mining Recorder's Report of Work No. 91-84

Recorded Holder
KIDD CREEK MINES LTD

Township or Area
CUNNINGHAM TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	P 561776 641208 to 213 inclusive 641352
Electromagnetic 40 days	
Magnetometer 20 days	
Radiometric ____ days	
Induced polarization ____ days	
Other VLF 20 days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological ____ days	
Geochemical ____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☐ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

20 DAYS ELECTROMAGNETIC
10 DAYS MAGNETOMETER
10 DAYS VLF

P 641214

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ Insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77(19) — 60:

828 (83/6)

Ministry of
Natural
Resources

Ontario

July 31/84

1984 07 16

Your File: 91-84
Our File: 2.6630

Mr. Bruce W. Hanley
Mining Recorder
Ministry of Natural Resources
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact Mr. R.J. Pichette at 416/965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3

D. Isherwood:mc

Encls.

cc: Kidd Creek Mines Limited
357 Bay Street
Suite 300
Toronto, Ontario
M5H 2T7

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Ministry of Natural Resources

Ontario

Notice of Intent

for Technical Reports

1984 07 16

2.6630/91-84

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Land Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.

Ministry of Natural Resources
Ontario

Geotechnical Report Approval

File 2.6630

Mining Lands Comments

☐ To: Geophysics

Comments

☐ Approved ☐ Wish to see again with corrections | Date | Signature

☐ To: Geology - Expenditures

Comments

☐ Approved ☐ Wish to see again with corrections | Date | Signature

☐ To: Geochemistry

Comments

L D.

☐ Approved ☐ Wish to see again with corrections | Date | Signature

☐ To: Mining Lands Section, Room 6462, Whitney Block. (Tel: 5-1380)

1593 (81/10)

1984 05 09

Your File: 91
Our File: 2.6630

Mr. Bruce Hanley
Mining Recorder
Ministry of Natural Resources
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

We have received reports and maps for a Geophysical (Electromagnetic, Magnetometer and V.L.F.) Survey submitted under Special Provisions (credit for Performance and Coverage) on mining claims P 561776 et al in the Township of Cunningham.

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

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

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

A. Barr:sc

cc: Kidd Creek Mines Limited
357 Bay Street
Ste. 300
Toronto, Ontario
M5H 2T7

Approved Reports of Work sent out

Notice of Intent filed

Approval after Notice of Intent sent out

Duplicate sent to Resident Geologist

Duplicate sent to A.F.R.O.

Ontario

Ministry of Natural Resources

File _____

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) Geophysical

Township or Area Cunningham Township

Claim Holder(s) Kidd Creek Mines Ltd.
357 Bay St., Suite 300, Toronto M5H 2T7

Survey Company Kidd Creek Mines Ltd.

Author of Report J. A. Slankis

Address of Author As above

Covering Dates of Survey June, 1983 - March, 1984 (linecutting to office)

Total ~~Miles~~ km of Line Cut 10.7

SPECIAL PROVISIONS CREDITS REQUESTED

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

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	40
–Magnetometer	20
–Radiometric	
–Other (VLF)	20
Geological	
Geochemical	

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

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

DATE: March 30, 1984 SIGNATURE: J. A. Slankis
Author of Report or Agent

Res. Geol. _____ Qualifications 2686

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
P	561776
P	641208
P	641209
P	641210
P	641211
P	641212
P	641213
P	641214
P	641352

If space insufficient, attach list

TOTAL CLAIMS 9

OFFICE USE ONLY

837 (5/79)

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations: Mag. - 644, VLF - 584, Horizontal Loop - 284 — Number of Readings: Mag. - 644, VLF - 584, Horizontal Loop - 568

Station interval: Mag. & VLF: 20 m, HL: 40 & 20 m — Line spacing: 100 metres

Profile scale: VLF: 1 cm = 10°, HL: 1 cm = 10%

Contour interval: 200 nanoteslas

MAGNETIC

Instrument: EDA Instruments Inc., PPM-350, proton precession, total field

Accuracy – Scale constant: ±1 nanotesla

Diurnal correction method: EDA PPM-400, base station memory magnetometer

Base Station check-in interval (hours):

Base Station location and value: At north end of Running Ghost Lake, 4 km south of grid.

ELECTROMAGNETIC

Instrument: Apex Parametrics, Max Min II

Coil configuration: Horizontal Loop

Coil separation: 80 metres

Accuracy: ±1%

Method: ☐ Fixed transmitter ☐ Shoot back ☒ In line ☐ Parallel line

Frequency: 444 Hz and 1777 Hz
(specify V.L.F. station)

Parameters measured: In-phase and quadrature components of secondary field as percent of transmitted 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 VLF

Instrument Crone Geophysics Ltd., RADEM

Accuracy ±1°

Parameters measured Dip angle of total field

_____

Additional information (for understanding results) The signal from the VLF transmitter at Cutler, Maine (NAA, 17.8 kHz) was used.

_____

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 _____

_____

_____

_____

_____

_____

_____

_____

_____

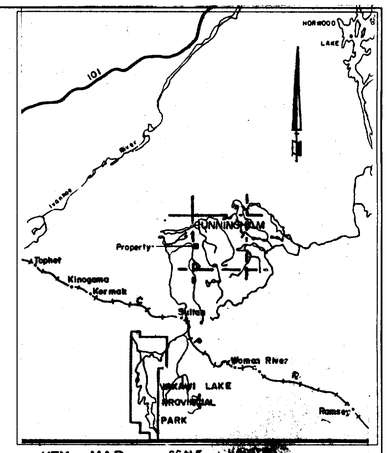
#91 #2.6630

	VLF	EM	mag
P 561776	✓	?	✓
641208	✓	✓	✓
209	✓	✓	✓
210	✓	✓	✓
211	✓	✓	✓
212	✓	✓	✓
213	✓	✓	✓
214	1/2	1/2	1/2
641352	✓	✓	✓

LINE 11200 E
LINE 11300 E
LINE 11400 E
LINE 11500 E
LINE 11600 E
LINE 11700 E
LINE 11800 E
LINE 11900 E
LINE 12000 E
LINE 12100 E
LINE 12200 E
LINE 12300 E

164 N
162 N
160 N
158 N
156 N
154 N
152 N

P-641214
P-561776
P-641213
P-641212
P-641352
P-641210
P-641211
P-641209
P-641208



KEY MAP SCALE 1:500,000

ASTRO

41010NE0026 2.6638 CUNNINGHAM 200

LEGEND

INSTRUMENT : EDA PPM-350
TYPE : PROTON PRECESSION. TOTAL FIELD
READINGS IN GAMMAS
▲ MAGNETIC BASE STATION

0 40 80 120 160 200
METRES (1:2000)

KIDD CREEK MINES LTD.

MAGNETIC SURVEY
PETER LAKE NORTH
CUNNINGHAM 31

NTS : 41-O-10 PROJ.# 75

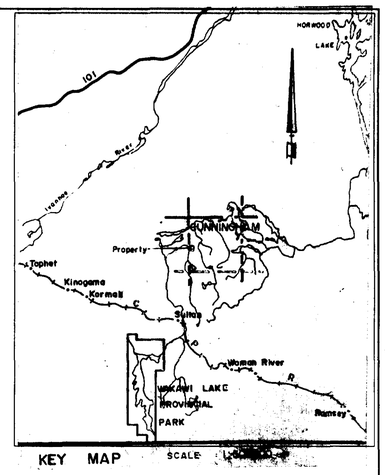
WORK BY	DATE
2382D	1983

J.A. Blanchard

LINE 11200 E
LINE 11300 E
LINE 11400 E
LINE 11500 E
LINE 11600 E
LINE 11700 E
LINE 11800 E
LINE 11900 E
LINE 12000 E
LINE 12100 E
LINE 12200 E
LINE 12300 E

164 N
162 N
160 N
158 N
156 N
154 N
152 N

P-641214
P-561776
P-641213
P-641212
P-641352
P-641210
P-641211
P-641209
P-641208



KEY MAP SCALE 1:250,000

N
ASTRO

Magnetic high
Magnetic low

LEGEND

INSTRUMENT : EDA PPM-350
TYPE : PROTON PRECESSION. TOTAL FIELD
READINGS IN GAMMAS
▲ MAGNETIC BASE STATION

0 40 80 120 160 200
METRES (1:2000)

KIDD CREEK MINES LTD.

MAGNETIC SURVEY
PETER LAKE NORTH
CUNNINGHAM 31

NTS · 41-O-10 PROJ. # 75

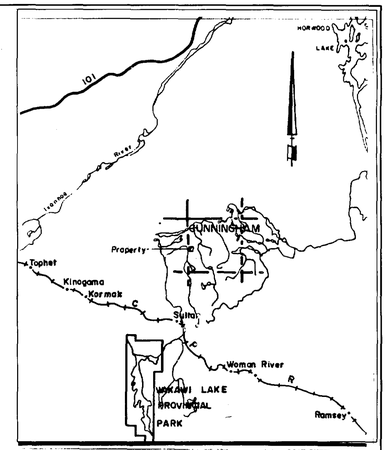
WORK BY	DATE
2382C	1983

210

LINE 11200 E
LINE 11300 E
LINE 11400 E
LINE 11500 E
LINE 11600 E
LINE 11700 E
LINE 11800 E
LINE 11900 E
LINE 12000 E
LINE 12100 E
LINE 12200 E
LINE 12300 E

164 N
162 N
160 N
158 N
156 N
154 N
152 N

P-641214
P-561776
P-641213
P-641212
P-641352
P-641210
P-641211
P-641209
P-641208



KEY MAP SCALE 1:500,000

● Srong VLF Anomaly
○ Weak VLF Anomaly
?○ Possible VLF Anomaly
F Fault

220

N
ASTRO

LEGEND

DIP ANGLE (DEGREES)

12 N

INSTRUMENT : CRONE RADEM
STATION : CUTLER, 17.8 KHz
PROFILE SCALE : DIP ANGLE 1 CM= 10°

← S DIPS N DIPS →

0 40 80 120 160 200
METRES (1:2000)

KIOD CREEK MINES LTD.

V L F SURVEY
PETER LAKE NORTH
CUNNINGHAM 31

NTS:41-O/10 PROJ.#75

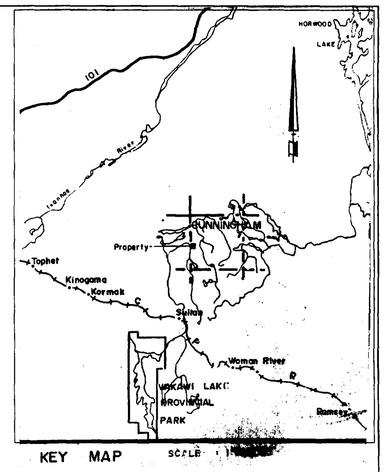
WORK BY	DATE
2382B	1984

2660

LINE 11200 E
LINE 11300 E
LINE 11400 E
LINE 11500 E
LINE 11600 E
LINE 11700 E
LINE 11800 E
LINE 11900 E
LINE 12000 E
LINE 12200 E
LINE 12300 E

164 N
162 N
160 N
158 N
156 N
154 N

P 641214
P-561776
P-641213
P-641212
P-641352
P-641210
P-641211
P-641209
P-641208



KEY MAP SCALE 1

Good Conductor
Fair Conductor
Poor Conductor
S C Short Cable

230

N
ASTRO

LEGEND

444 Hz
IN-PHASE READINGS
QUADRATURE READINGS

INSTRUMENT : APEX PARAMETRICS MAXMIN II
FREQUENCY : 444 Hz
COIL SPACING : 80 METRES
PROFILE SCALE : 1 CM= 10%

← + READINGS — READINGS →

0 40 80 120 150 200
METRES (1:2000)

KIDD CREEK MINES LTD.

HORIZONTAL LOOP SURVEY
PETER LAKE NORTH
CUNNINGHAM 31

NTS: 41-0-10 PROJ.#75

WORK BY	DATE
2302	1983

J.A. Sloan

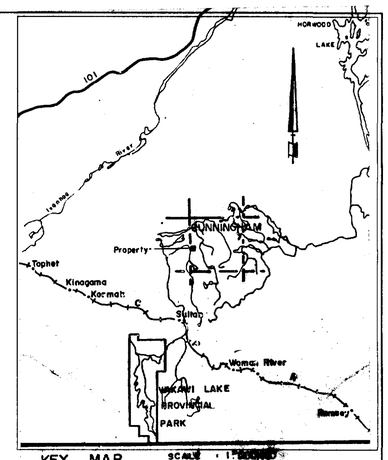
LINE 11200 E
LINE 11300 E
LINE 11400 E
LINE 11500 E
LINE 11600 E
LINE 11700 E
LINE 11800 E
LINE 11900 E
LINE 12000 E
LINE 12200 E
LINE 12300 E

164 N
162 N
160 N
158 N
156 N
154 N

P-641214
P-561776
P-641213
P-641212
P-641352
P-641210
P-641211
P-641209
P-641208

A
B
C
E

Good Conductor
Fair Conductor
Poor Conductor
S C Short Cable



KEY MAP SCALE 1" = 1 MILE

N
ASTRO

LEGEND

1777 Hz
IN-PHASE READINGS
QUADRATURE READINGS

INSTRUMENT : APEX PARAMETRICS MAXMIN II
FREQUENCY : 1777 Hz
COIL SPACING : 80 METRES
PROFILE SCALE : 1 CM= 10%
← + READINGS − READINGS →

0 40 80 120 160 200
METRES (1:2000)

KIDD CREEK MINES LTD.

HORIZONTAL LOOP SURVEY
PETER LAKE NORTH
CUNNINGHAM 31

NTS:41-O-10 PROJ.#75

WORK BY	DATE
2382A	1983

240

2630