



52F10NW0401 2.10417 AUBREY

010

1987
GEOCHEMICAL ASSESSMENT REPORT
ON THE
KOZOWY CLAIMS PROPERTY
52F/10
PN 530

RECEIVED

MINING LANDS SECTION

D. F. Bosowec
Falconbridge Ltd.
Winnipeg, Manitoba
September 29th, 1987



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TABLE OF CONTENTS

1.0 Summary
2.0 Conclusion and Recommendation
3.0 Location and Access
4.0 Introduction
5.0 Previous Work
6.0 Surficial Geology
7.0 General Geology
8.0 Sampling
 8.1 Humus
 8.2 Soil
9.0 References
10.0 Statement of Qualifications

Figures 1 Location Map
Figure 2 Claim Status

Appendix A Humus Values
 B Soil Values
 C Technical Report

Humus and Soil Location Map Accompanying Report

1.0 SUMMARY

During the time period of the 28th to 31st of July, 1987 a 25 meter interval geochemical survey was completed on contiguous claims K590318, K590552 and K706030. The three unpatented claims are located approximately 10 km south of Dryden and are under option agreement from Alex Kozowy, a local prospector from Dryden, Ontario. The majority of the geochemical samples consisted of humus, however, in areas where humus could not be collected, soil samples were taken.

Because of relatively poor outcrop exposure over the claims, it was felt that a humus/soil survey would delineate zones of anomalous gold mineralization in areas of no outcrop. Analysis of the samples revealed that the majority of the geochemical values ranged from less than 1 to 5 ppb Au. Twenty-one samples displayed values which could be considered anomalous. They generally ranged from 6 to 38 ppb Au. with one extremely anomalous value of 830 ppb Au.

2.0 CONCLUSIONS AND RECOMMENDATIONS

1) The survey indicates background Au. in humus and soil ranges from less than 1 to 5 ppb Au. This suggest any value over 5 ppb Au. would represent an anomalous value. Of values greater than 5ppb Au., one is extremely anomalous (830 ppb Au) while the remaining values ranged from 6 to 38 ppb Au..

2) The anomalous values failed to define new areas of interest, consisting mainly of randomly scattered one line anomalous. For instance, one 50 meter wide anomalous zone on L1W (22, 38 and 830 ppb Au.) is located directly south of a Voyager Exploration trench containing gold mineralization in quartz veins.

3) The recommendation is that no further work be done on the claims for the following reasons: (i) the anomalous values failed to define new areas of interest with possible strike length, and (ii) though a 50 meter wide anomalous zone was outlined on L1W, the zone was not picked up on adjacent lines east or west. This suggests that anomalous zone is directly related to the gold mineralization uncovered by the trench. However, the trench was tested by Voyager Exploration DDH K84-8 in 1984, and low Au. values were obtained.

3.0 LOCATION AND ACCESS

The Kozowy Claims are situated 10 km southwest of the Town of Dryden between Flambeau and Pritchard Lakes (Figures 1 & 2). Access to the property is by way of Ontario Provincial Highway 502 which passes through the Kozowy Claims. Two gravel roads lead into the property.

4.0 INTRODUCTION

The main objective of the Kozowy geochemical survey was to outline anomalous zones of Au. mineralization in areas of no or sparse outcrop. The majority of the 279 samples collected were humus, but in areas where humus could not be collected soil samples were taken. However, in some cases both humus and soil samples could not be collected.

Field work was carried out by D. Alderman and J. Band between the time period of the 29th to 31st of July, 1987. The samples were collected every 25 meters on a 100 meter spaced grid. Approximately 5.0 km of grid lines were covered during the survey. The 100 meter spaced grid covers contiguous unpatented claims K590318, K590552 and K706030 (see Figure 2). The claims are under option agreement from Alex Kozowy, a local prospector from Dryden, Ontario.

5.0 PREVIOUS WORK

5.1 VOYAGER EXPLORATION LTD. - 1983

Voyager Exploration Ltd. was the first to undertake a detailed evaluation of the Kozowy Claims. They completed geological mapping and ran VLF-EM and magnetometer surveys over the claims. On claim K590318, Voyager completed one trench and drilled one diamond drill hole under the trench (K84-8). The trench uncovered a set of quartz veins in an altered basalt which carried 0.249 oz/t Au. across a 16 ft. width. However, follow-up diamond drill hole K84-8 failed to encounter similar values at depth, with the highest assay being 0.008 oz/t Au over 2 feet.

5.2 KIDD CREEK MINES LTD. - 1985

During 1985, Kidd Creek Mines Ltd. completed geological mapping and sampling of the claims, and relogged Voyager Exploration DDH K84-8. Resampling of the Voyager Exploration trench failed duplicate

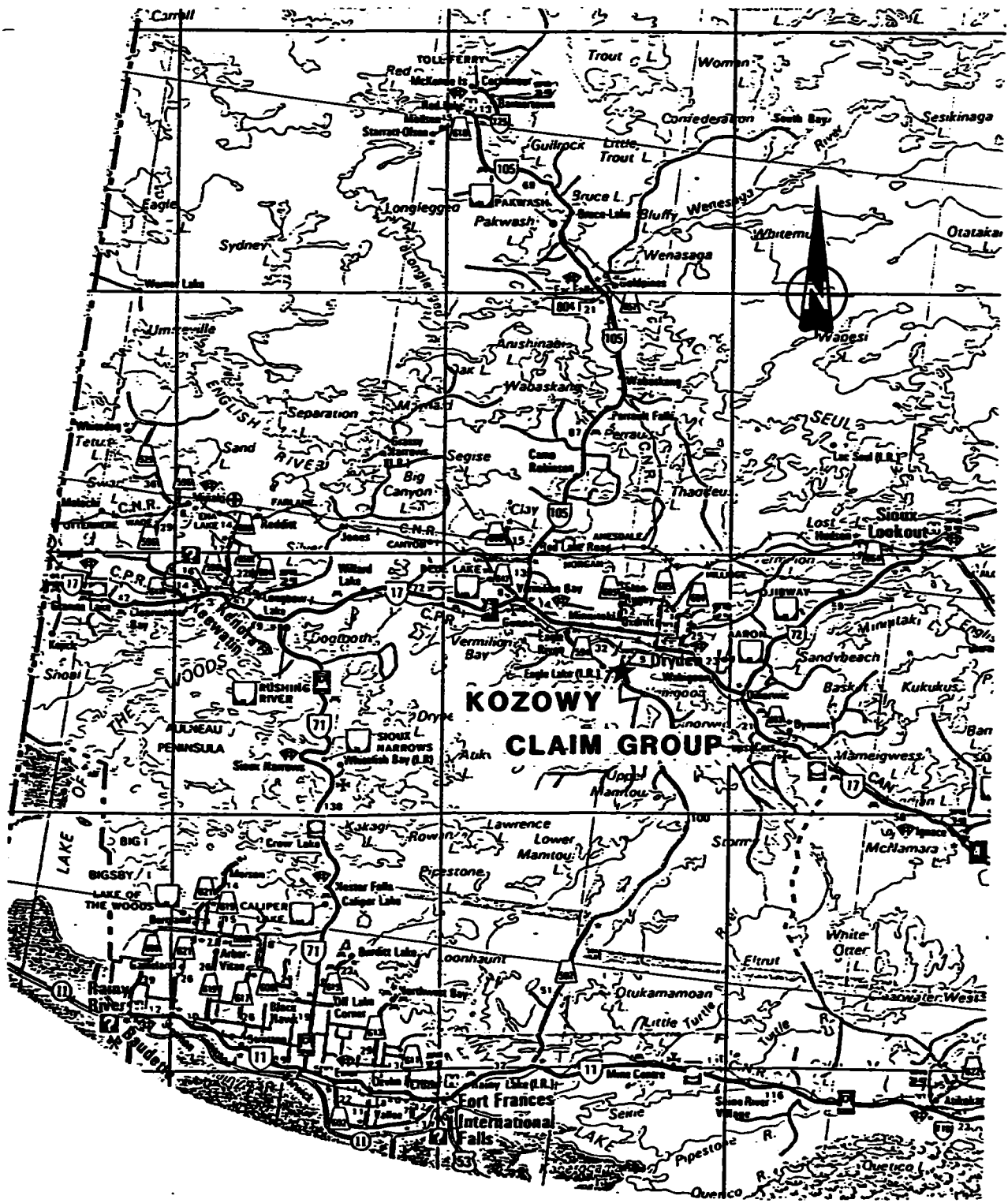
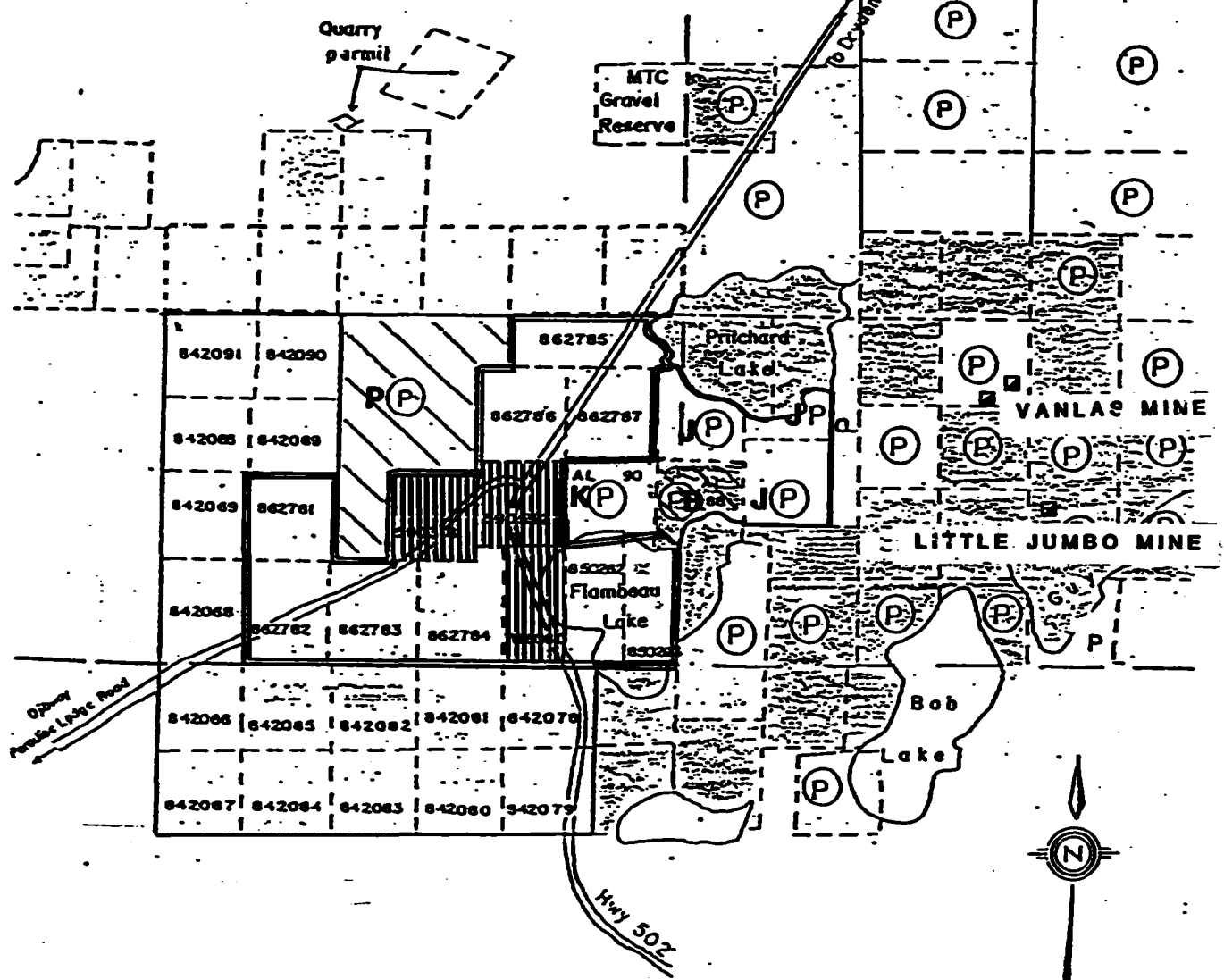




Figure 1

FALCONBRIDGE LIMITED	
KOZOWY CLAIM GROUP	
LOCATION MAP	
SCALE	DRAWN
DATE April 4, 1987	DATA BY DF3

AUBREY Twp.

VAN HORNE Twp.



-  **Kozowy Claims**
-  **Flambeau Lake Claims**
- K** **Kozowy Patent Claim**
- J** **Jones Patent Claims**
- D** **Town of Dryden Patent Claim**
- P** **B.Perry Patent Claim**

 **AREA OF GEOCHEMICAL SURVEY**

0 1000 2000 m

FIGURE 2

FALCONBRIDGE LIMITED	
KOZOWY OPTION CLAIM STATUS	
SCALE	DRAWN
DATE April 4, 1987	DATA BY DFB

Voyager Exploration results with the best value obtained being 6.65 g/t Au. (0.19 g/t Au.) over 35 cm. Samples collected from DDH K84-8 ranged from trace to 274 ppb Au.

6.0 SURFICIAL GEOLOGY

The majority of the claim group is covered by a glacial sand plain deposit. The sand is often well sorted suggesting beach deposits of the pre-Wabigoon pro-glacial lake. Towards the south, where outcrop exposure increases, overburden consists of bouldery ground moraine.

7.0 GENERAL GEOLOGY

The rocks of the Kozowy Claims are part of the Wabigoon Subprovince. They are situated within the Lower Wabigoon Group which consists of a sequence of north facing mafic to felsic volcanic units of calc-alkalic affinity.

The local geology of the Kozowy claims consists of a sequence of felsic to mafic flows and pyroclastics intruded by granitic to gabbroic igneous intrusives. Both the volcanics and intrusives are transected by younger diabase dikes.

Gold mineralization on the claims appears to be confined to either quartz veins in sheared pyritiferous mafic volcanics or extension/brittle fracture quartz-carbonate veins in pyritiferous felsic to intermediate volcanics.

8.0 SAMPLING

8.1 HUMUS

Developed humus layers generally occurred several centimeters beneath the surface of living organic matter. It was dark brown to black in color and formed a greasy, clay-like consistency with all original vegetation completely decomposed.

A hand trowel was used for the sampling process. Any visible inorganic material or fresh vegetation (roots, leaves, etc.) was removed by hand sorting. The average sample weight was about 100 grams. All samples were partially dried prior to shipment. A total of 233 samples were shipped to X-Ray Assay Laboratories Ltd., Don Mills, Ontario for preparation and analysis for gold.

Sample preparation at X-Ray Assay Laboratories consists

of splitting the original sample into a representative 8 gram sample which is pressed into a 40 mm diameter pellet. Once pressed, the pellet is ready for gold analysis through neutron activation. The analysis procedure consists of irradiating the pellet for 22 minutes. During this period of irradiation, a germanium detector linked to a multi-channel computer, determines gold content in parts per billion. The sensitivity and detection limit provided by this procedure is 1.0 ppb.

8.2 SOIL

During the survey, the B-soil horizon was sampled. The B horizon consisted of yellowish brown sand to silty sand approximately 10 to 30 cm from the soil surface.

A hand trowel was used when sampling. Any visible organic matter or clasts larger than sand size were removed by hand sorting. An average sample weight of approximately 200 grams was collected. A total of 46 samples were shipped to X-Ray Assay Laboratories Ltd., Don Mills, Ontario for preparation and analysis for gold.

During sample preparation at X-Ray Assay Laboratories, the soil samples are dried and screened down to -80 mesh. The -80 mesh sample is ground to -200 mesh from which a 20 gram cut is made. A fused bead is produced from the 20 gram sample by fire assay. Analysis for gold begins with dissolving the fused bead in aqua regia solution. The solution is subjected to direct couple plasma emission which has a sensitivity and detection limit of 1.0 ppb.

Respectfully submitted....

DF Bosowec

D. F. Bosowec

*Anal.
2. 8/33*

9.0 REFERENCES

- Blackburn, C. E. et al.: Evaluation of Archean Volcanic-Sedimentary Sequences of the Western Wabigoon Subprovince and its Margins: A Review; Evolution of Archean Supracrustal Sequences, Geological Association of Canada Special Paper 28, 1985 p. 89-116
- Blackburn, C. E. et al.: Report of Activities 1985, Regional and Resident Geologists; Miscellaneous Paper 128, O.G.S., 1986, P. 32 - 40
- Bond, W. D.: 1985 Exploration Report, Kozowy/Dryden Property; Kidd Creek Mines Ltd, 1986 31;.
- Gittings, F. W.: Kozowy Option, Northwestern Ontario, Exploration Program 1983; Voyager Exploration Ltd., 1984, 32 p.
- Mountain, B.: Geology of Kozowy Property, Dryden, Ontario; Kidd Creek Mines Ltd., 1985 35p.

10.0 STATEMENT OF QUALIFICATIONS

I, DANIEL FREDERICK BOSOWEC, of 167 Clonard Avenue Winnipeg, Manitoba do hereby certify that I am a graduate of the University of Manitoba with an Honours degree in Geology, 1984. I have been practising my profession since 1984, a period of three and a half years. I further certify that I have no direct interest in this claim group and the accompanying report is based on the interpretation obtained during the survey of the property.



D. F. BOSOWEC

APPENDIX A

SAMPLE	AU PPB
FSC 37501	NH
FSC 37502	3
FSC 37503	3
FSC 37504	<3
FSC 37505	11
FSC 37506	7
FSC 37507	NSS
FSC 37508	1
FSC 37509	1
FSC 37510	<1
FSC 37511	NSS
FSC 37512	<1
FSC 37513	<1
FSC 37514	<1
FSC 37515	<1
FSC 37516	<1
FSC 37517	<1
FSC 37518	<1
FSC 37519	<1 ✓
FSC 37520	<1
FSC 37521	<1
FSC 37522	<1
FSC 37523	1
FSC 37524	<1
FSC 37525	<1
FSC 37526	1
FSC 37527	<1
FSC 37528	<1
FSC 37529	NH
FSC 37530	<1
FSC 37531	<1
FSC 37532	<1
FSC 37533	<1
FSC 37534	<1
FSC 37535	NH
FSC 37536	<1
FSC 37537	2
FSC 37538	NSS
FSC 37539	<1
FSC 37540	<3
FSC 37541	<1
FSC 37542	<1
FSC 37543	<1
FSC 37544	2
FSC 37545	<2
FSC 37546	NSS
FSC 37547	<1
FSC 37548	NSS

NSS - NOT SUFFICIENT SAMPLE

NH - NOT HUMUS

SAMPLE	AU PPB
FSC 37549	NSS
FSC 37550	<1
FSC 37551	NSS
FSC 37552	NSS
FSC 37553	<2
FSC 37554	NH
FSC 37555	NH
FSC 37556	<1
FSC 37557	NH
FSC 37558	<1
FSC 37559	<2
FSC 37560	1
FSC 37561	2
FSC 37562	<1
FSC 37563	<1
FSC 37564	<1
FSC 37565	<2
FSC 37579	4
FSC 37580	3
FSC 37581	<2
FSC 37582	2
FSC 37583	NH
FSC 37584	15
FSC 37585	2
FSC 37586	<2
FSC 37587	3
FSC 37588	<1
FSC 37589	14
FSC 37590	1
FSC 37591	NH
FSC 37592	NH
FSC 37593	<1
FSC 37594	<1
FSC 37595	<1
FSC 37596	<1
FSC 37597	28
FSC 37598	<3
FSC 37599	<3
FSC 37600	<1
FSC 37601	<5
FSC 37602	11
FSC 37603	10
FSC 37604	9
FSC 37605	2
FSC 37606	3
FSC 37607	2
FSC 37608	3
FSC 37609	<5

NSS - NOT SUFFICIENT SAMPLE

NH - NOT HUMUS

SAMPLE	AU PPB
FSC 37610	NH
FSC 37611	<1
FSC 37612	NH
FSC 37613	5
FSC 37614	2
FSC 37615	1
FSC 37616	3
FSC 37617	2
FSC 37618	2
FSC 37619	4
FSC 37620	2
FSC 37621	8
FSC 37622	2
FSC 37623	1
FSC 37624	3
FSC 37625	3
FSC 37626	1
FSC 37627	3
FSC 37628	2
FSC 37629	<5
FSC 37630	4
FSC 37631	<1
FSC 37632	<5
FSC 37633	2
FSC 37634	NH
FSC 37635	NH
FSC 37636	NH
FSC 37637	<2
FSC 37638	<5
FSC 37639	NH
FSC 37640	NH
FSC 37641	4
FSC 37642	<5
FSC 37643	<5
FSC 37644	NH
FSC 37645	NH
FSC 37646	NH
FSC 37647	<5
FSC 37648	<4
FSC 37649	NH
FSC 37650	4
FSC 37651	<1
FSC 37652	2
FSC 37653	<4
FSC 37654	2
FSC 37655	3
FSC 37656	NH
FSC 37657	<4

NH - NJT HUMUS

SAMPLE	AJ PPB
FSC 37658	1
FSC 37659	<4
FSC 37660	NH
FSC 37661	NH
FSC 37662	NH
FSC 37663	6
FSC 37664	NH
FSC 37665	830 X
FSC 37666	38 X
FSC 37667	NH
FSC 37668	<5
FSC 37669	NH
FSC 37670	NH
FSC 37671	NH
FSC 37672	<5
FSC 37673	<4
FSC 37674	NH
FSC 37675	NH
FSC 37676	<5
FSC 37677	<1
FSC 37678	2
FSC 37679	<4
FSC 37680	<1
FSC 37681	2
FSC 37682	NH
FSC 37683	4
FSC 37684	<3
FSC 37685	<3
FSC 37686	NH
FSC 37687	<5
FSC 37688	<1
FSC 37689	NH
FSC 37690	NH
FSC 37691	NH
FSC 37692	5
FSC 37693	NH
FSC 37694	NH
FSC 37695	<4
FSC 37696	NH
FSC 37697	4
FSC 37698	NH
FSC 37699	3
FSC 37700	2
FSC 37701	<1
FSC 37702	<1
FSC 37703	7
FSC 37704	5
FSC 37705	2

NH - NOT HJMUS

SAMPLE	AJ PP6
FSC 37706	2
FSC 37707	<1
FSC 37708	2
FSC 37709	1
FSC 37710	1
FSC 37711	<1
FSC 37712	2
FSC 37713	3
FSC 37714	1
FSC 37715	1
FSC 37716	<1
FSC 37717	<1
FSC 37718	2
FSC 37719	2
FSC 37720	NH
FSC 37721	NH
FSC 37722	NH
FSC 37723	NH
FSC 37724	NH
FSC 37725	<1
FSC 37726	<2
FSC 37727	10
29.2 → FSC 37728	2
FSC 37730	<5
FSC 37731	1
FSC 37732	<1
FSC 37733	<1
FSC 37734	<5
FSC 37735	<4
FSC 37736	NH
FSC 37737	11
FSC 37738	37 X
FSC 37739	8
FSC 37740	<12
FSC 37741	<1
FSC 37742	2

NH - NOT HUMUS

SAMPLE	AU PPB
FSC 37743	<1
FSC 37744	<1
FSC 37745	<1
FSC 37746	<1
FSC 37747	<1
FSC 37748	3
FSC 37749	<1
FSC 37750	<1
FSC 37751	<1
FSC 37752	<1
FSC 37753	<1
FSC 37754	4
FSC 37755	1

W F Bowen

APPENDIX B

25-SEP-87 REPORT 1772 REF.FILE 29410-C1 PAGE 1 OF 1

SAMPLE	AU PPB
FSC 37501	<1
FSC 37529	11
FSC 37535	<1
FSC 37554	<1
FSC 37555	<1
FSC 37557	<1
FSC 37583	<1
FSC 37591	<1
FSC 37592	<1
FSC 37610	<1
FSC 37612	<1
FSC 37634	2
FSC 37635	1
FSC 37636	1
FSC 37639	2
FSC 37640	1
FSC 37644	3
FSC 37645	4
FSC 37646	<1
FSC 37649	<1
FSC 37656	3
FSC 37660	<1
FSC 37661	<1
FSC 37662	3
FSC 37664	2
FSC 37667	22
FSC 37669	<1
FSC 37670	<1
FSC 37671	<1
FSC 37674	<1
FSC 37675	<1
FSC 37682	<1
FSC 37686	<1
FSC 37689	<1
FSC 37690	<1
FSC 37691	<1
FSC 37693	<1
FSC 37694	<1
FSC 37696	<1
FSC 37698	1
FSC 37720	<1
FSC 37721	4
FSC 37722	<1
FSC 37723	<1
FSC 37724	4
FSC 37736	5

APPENDIX C



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) Humus and Soil Geochemistry
Township or Area Aubrey Twp.
Claim Holder(s) Kidd Creek Mines Ltd, Box 40 Commerce
Court West, Toronto, Ontario
Survey Company Falconbridge Ltd.
Author of Report Daniel F. Bosowec
Address of Author 167 Clonard Avenue, Winnipeg, Man.
Covering Dates of Survey July 28/87 to July 31/87
(Incutting to office)
Total Miles of Line Cut _____

MINING CLAIMS TRAVERSED List numerically	
(prefix)	(number)
K	590318
K	590552
K	706030
TOTAL CLAIMS _____	

<u>SPECIAL PROVISIONS CREDITS REQUESTED</u>	<u>DAYS per claim.</u>
ENTER 40 days (includes line cutting) for first survey. ENTER 20 days for each additional survey using same grid.	Geophysical
	–Electromagnetic _____
	–Magnetometer _____
	–Radiometric _____
	–Other _____
Geological _____	
Geochemical _____	20

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)
Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: September 24/87 SIGNATURE: [Signature]
Author of Report or Agent

Res. Geol. _____ Qualifications _____

<u>Previous Surveys</u>			
File No.	Type	Date	Claim Holder

OFFICE USE ONLY

If space insufficient, attach list

GEOCHEMICAL SURVEY - PROCEDURE RECORD

Numbers of claims from which samples taken Three claims K590318, K590552 and K706030

Total Number of Samples 279

Type of Sample 233 Humus 46 Soil
(Nature of Material)

Average Sample Weight 100 g (Humus); 200 g (Soil)

Method of Collection Hand trowel

Soil Horizon Sampled B and Organic

Horizon Development Variable

Sample Depth 10 to 30 cm

Terrain Sand Plain

Drainage Development Variable

Estimated Range of Overburden Thickness 0
to 10 m

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis Soil -80 mesh

General _____

Humus Samples: Sample is split to
yield 8 g sample which is pressed into
a 40 mm pellet. Pellet analyzed for Au.
ppb by neutron activation. Sensitivity
and detection limit of the procedure
is 1.0 ppb Au.

ANALYTICAL METHODS

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

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

Others Au

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ 279 tests)

Name of Laboratory X-Ray Assay Laboratories

Extraction Method _____

Analytical Method See notes below

Reagents Used _____

General _____

Soil Samples: Sample is ground to
-200 mesh from which a 20 gram cut
is made. A fused bead is produced
from the sample by fire assay. The
bead is dissolved in aqua regia and
the solution is subjected to direct
couple plasma emission. The sensitivity
of the method is 1 ppb Au. and the
detection limit is 1ppb Au.

Oct #152-87



Ministry of Natural Resources

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

Instructions: - Please type or print.



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The M

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Form header section containing: Type of Survey(s) Analytical costs (human analyses), Claim Holder(s) Kidd Creek Mines, Address 40th Floor, Commerce Court West, Toronto, Ontario M5L 1B4, Survey Company Falconbridge Limited, Date of Survey (from & to) 28 Day 7 Mo 87 Yr, Total Miles of line Cut NA, Name and Address of Author (of Geo-Technical report) R.B. Sand, 100-3074 Portage Avenue, Winnipeg, Manitoba R3K 0Y2

Credits Requested per Each Claim in Columns at right. Table with columns: Special Provisions, Geophysical, Days per Claim, Man Days, Airborne Credits.

Mining Claims Traversed (List in numerical sequence). Table with columns: Mining Claim Prefix, Mining Claim Number, Expend. Days Cr. Includes a 'RECEIVED' stamp and a 'MINING LANDS SECTION' stamp with date AUG 12 1987.

Expenditures (excludes power stripping). Type of Work Performed geochemical analysis, Performed on Claim(s) 590318, 590552, 706030. Calculation of Expenditure Days Credits: Total Expenditures \$ ÷ 15 = Total Days Credits.

Date August 11/87, Recorded Holder or Agent (Signature) [Signature]

Total number of mining claims covered by this report of work. 3

For Office Use Only. Total Days Cr. Recorded 60, Date Recorded Aug 12/87, Mining Recorder [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 R.b. Sand 100-3074 Portage Avenue, Winnipeg, Manitoba R3K 0Y2

Date Certified August 11/87, Certified by (Signature) [Signature]



Ministry of
Natural
Resources

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

Instructions: - Please type or print **#153-8**
- 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." column
- Do not use shaded areas below.

2.10417

The Mining Act

Type of Survey(s) Analytical costs (humus analyses)		Township or Area Aubrey Twp & Contact Bay	
Claim Holder(s) Kidd Creek Mines		Prospector's Licence No. T 1848	
Address 40th Floor, Commerce Court West, Toronto, Ontario M5L 1B4			
Survey Company Falconbridge Limited		Date of Survey (from & to) 28 7 87 31 7 87	
Name and Address of Author (of Geo-Technical report) R.B. Band, 100-3074 Portage Avenue, Winnipeg, Manitoba R3K 0Y2		Total Miles of line Cut	

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
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		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
K	590318	17			
	590552	5			
	706030	39.8			
	850262	40			
	850263	40			

reduced to maximum

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1987

MINING LANDS SECTION

KENOR.
MINING DIV.
AUG 12 1987
AM 8 9 10 11 12 1 2 3 4 5 6 PM

Expenditures (excludes power stripping)

Type of Work Performed
Geochemical Analyses

Performed on Claim(s)
590318, 590552, 706030

Calculation of Expenditure Days Credits

Total Expenditures	÷	15	=	Total Days Credits
\$ 2129.60				142

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. **5**

590318

Date **August 11/87**

Recorded by (Signature) *R.B. Band*

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
142	Aug 12 1987	<i>[Signature]</i>
Date Approved as Recorded	Branch Director	
1987.10.29	<i>[Signature]</i>	

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
R.B. Band Falconbridge Limited, 100-3074 Portage Avenue, Winnipeg, Manitoba R3K 0Y2

Date Certified **August 11/87**

Certified by (Signature) *[Signature]*

RECEIVED

2 1987

MINING LANDS SECTION

FALCONBRIDGE

THIS VOUCHER SHOULD BE DETACHED AND RETAINED BY PAYEE

No. 001228

No. 001422

INVOICE DATE MO. D. YR.	INVOICE NUMBER	REFERENCE	AMOUNT
08/04/87	36-73464		162.00
08/04/87	36-73465		390.50
08/04/87	36-73466		1,420.00
08/06/87	36-73478		128.90
08/06/87	36-73479		145.00
08/11/87	36-73496		72.50
TOTAL			2,338.90



FALCONBRIDGE
WINNIPEG EXPLORATION

TO
CANADIAN IMPERIAL BANK OF COMMERCE
PORTAGE AND CAVALIER BRANCH, 3371 PORTAGE AVENUE
WINNIPEG, MANITOBA R3K 0W9


No. 001422


VOUCHER NO.	VENDOR NO.	DATE	AMOUNT
001228	3100	08/17/87	\$2,338.90
			\$2,338.90

PAY TO THE ORDER OF
WARNOCK HERSEY PROF. SERV. LTD
128 ELMSLIE STREET
LASALLE, P.Q.

H8R 1V8

GENERAL ACCOUNT
Falconbridge Limited

PER  AUTHORIZED SIGNATURE

PER  **NOT NEGOTIABLE** AUTHORIZED SIGNATURE



HEAD OFFICE
SIEGE SOCIAL

128 Elmslie, LaSalle, Qué., Canada H8R 1V8 — Tel. (514) 366-3100

OFFICE ADDRESS:
LIEU DU BUREAU D'ÉMISSION:

1154 Sanford
Wpg. Man.

DATE August 6, 1987	CLIENT NO. 37372	PROJECT NO.-N° DE PROJET 50762-C7-100000	DISTRICT 051	CLIENTS ORDER NO.: N° COMM. DU CLIENT
------------------------	---------------------	---	-----------------	---------------------------------------

INVOICED TO/FACTURÉ À

REPORTED TO/RAPPORT TRANSMIS À

Falconbridge Limited
100 - 3074 Portage Ave.
Winnipeg, Manitoba
R3K 0Y2

Handwritten signature

RECEIVED
AUG 10 1987

Falconbridge ~~100 - 3074 Portage Ave.~~

REPORT DATE DATE DU RAPPORT	REPORT NO. NO. DU RAPPORT	
	G12928-12937	<p>10, 1 A.T., Au. dets. @ \$12.50 = \$125.00 ✓ 10, Sample preps. @ \$2.00 = 20.00 ✓ \$145.00</p> <p><i>FC 37566 - 37575</i></p> <p><i>QX529</i></p> <p><i>B</i></p>
FALCONBRIDGE LIMITED		

VOUCHER NUMBER				VENDOR NUMBER	3100
ACCOUNT	COST CENTRE	AMOUNT	CR	X	
248.60/1.6.08	005.53.0	145.00			
DUE DATE			CURRENCY		
APPROVED	CODED	EXT & ADJS	A/PAY	CHECKED	
<i>Rhb</i>	<i>RB</i>	<i>102</i>			

REMIT PAYMENT TO: /FAIRE REMISE À:
WARNOCK HERSEY PROFESSIONAL SERVICES Ltd.
LES SERVICES PROFESSIONNELS WARNOCK HERSEY Ltée

INVOICE NO. / FACTURE NO.

36-73479

128 Elmslie
LA SALLE, P.Q. H8R 1V8

PLEASE ATTACH COPY OF INVOICE TO YOUR REMITTANCE
VEUILLEZ INCLURE COPIE DE FACTURE AVEC VOTRE REMISE

THIS ACCOUNT FOR PROFESSIONAL SERVICES IS DUE ON PRESENTATION • COMPTE DE SERVICES PROFESSIONNELS, EXIGIBLE SUR PRÉSENTATION
ALL OVERDUE ACCOUNTS SHALL BEAR INTEREST AT THE RATE OF 2% PER MONTH. (24% PER ANNUM)
UN INTÉRÊT DE 2% PAR MOIS. SERA CALCULÉ SUR LES COMPTES EN ARRÉRAGES. (24% PAR ANNÉE)

FALCONBRIDGE

THIS VOUCHER SHOULD BE DETACHED AND RETAINED BY PAYEE

No. 001155

No. 001345

INVOICE DATE MO. D. YR.	INVOICE NUMBER	REFERENCE	AMOUNT
07/13/87	36-73407		116.00
TOTAL			116.00



FALCONBRIDGE
WINNIPEG EXPLORATION

TO
CANADIAN IMPERIAL BANK OF COMMERCE
PORTAGE AND CAVALIER BRANCH, 3371 PORTAGE AVENUE
WINNIPEG, MANITOBA R3K 0W9

No. 001345

VOUCHER NO.	VENDOR NO.	DATE	AMOUNT
001155	3100	07/15/87	\$116.00
			\$116.00

GENERAL ACCOUNT
Falconbridge Limited

PAY TO THE ORDER OF

WARNOCK HERSEY PROF. SERV. LTD
128 ELMSLIE STREET
LASALLE, P.Q.

H8R 1V8

PER  AUTHORIZED SIGNATURE
PER  AUTHORIZED SIGNATURE

NOT NEGOTIABLE

Warnock Hersey

HEAD OFFICE
SIEGE SOCIAL

128 Elmslie, LaSalle, Qué., Canada H8R 1V8 — Tel. (514) 366-3100

ISSUING OFFICE ADDRESS:
ADRESSE DU BUREAU D'ÉMISSION:

1154 Sanford
Wpg. Man.

DATE July 13, 1987	CLIENT NO. 37372	PROJECT NO.-N° DE PROJET 50762-C7-100000	DISTRICT 051	CLIENTS ORDER NO.: N° COMM. DU CLIENT PO#Kozowy
-----------------------	---------------------	---	-----------------	--

INVOICED TO/FACTURÉ À

REPORTED TO/RAPPORT TRANSMIS À

Falconbridge Limited
100 - 3074 Portage Ave.
Winnipeg, Manitoba
R3K 0Y2

RECEIVED
JUL 15 1987

Falconbridge Nickel Mines Ltd.

REPORT DATE DATE DU RAPPORT	REPORT NO. NO. DU RAPPORT	
	G11825-32	8, 1 A.T., Au. dets. @ \$12.50 = \$100.00 ✓ 8, sample preps @ \$2.00 = 16.00 ✓ <u>\$116.00</u>

FALCONBRIDGE LIMITED

VOUCHER NUMBER				VENDOR NUMBER	3100
ACCOUNT	COST CENTRE	AMOUNT	CR	X	
248,601,608	0,05,530	116.00			
			A		
			A		
			A		
			A		
DATE	CURRENCY				
APPROVED	CODED	EXT & ADDS	A/PAY	CHECKED	
<i>RBS</i>	<i>HS</i>	<i>HS</i>			

REMIT PAYMENT TO: / FAIRE REMISE À:

WARNOCK HERSEY PROFESSIONAL SERVICES Ltd.
LES SERVICES PROFESSIONNELS WARNOCK HERSEY Ltée

INVOICE NO. / FACTURE NO.

36-73407

128 Elmslie

LA SALLE, P.Q. H8R 1V8

PLEASE ATTACH COPY OF INVOICE TO YOUR REMITTANCE
VEUILLEZ INCLURE COPIE DE FACTURE AVEC VOTRE REMISE

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ALL OVERDUE ACCOUNTS SHALL BEAR INTEREST AT THE RATE OF 2% PER MONTH. (24% PER ANNUM)
UN INTÉRÊT DE 2% PAR MOIS, SERA CALCULÉ SUR LES COMPTES EN ARRÉRAGES. (24% PAR ANNÉE)

FALCONBRIDGE

THIS VOUCHER SHOULD BE DETACHED AND RETAINED BY PAYEE

No. 001377

No. 001582

INVOICE DATE MO. D. YR.	INVOICE NUMBER	REFERENCE	AMOUNT
09/18/87	1654		1,178.05
09/21/87	1680		710.20
09/24/87	1726		266.05
09/24/87	1727		277.45
09/24/87	1728		1,224.85
09/25/87	1759		2,646.75
09/25/87	1760		610.35
09/25/87	1772		363.40
09/29/87	1802		202.00
10/02/87	1885		8,199.30
09/22/87	M0033		156.45
TOTAL			15,834.85



FALCONBRIDGE
WINNIPEG EXPLORATION

TO
CANADIAN IMPERIAL BANK OF COMMERCE
PORTAGE AND CAVALIER BRANCH, 3371 PORTAGE AVENUE
WINNIPEG, MANITOBA R3K 0W9

No. 001582

VOUCHER NO.	VENDOR NO.	DATE	AMOUNT
001377	5755	10/14/87	\$15,834.85
			\$15,834.85

PAY TO THE ORDER OF
XRAY ASSAY LABORATORIES LTD.
1885 LESLIE STREET
DON MILLS, ONTARIO

GENERAL ACCOUNT
Falconbridge Limited

PER

AUTHORIZED SIGNATURE

PER

NOT NEGOTIABLE

AUTHORIZED SIGNATURE

M3B 3J4

FALCONBRIDGE

THIS VOUCHER SHOULD BE DETACHED AND RETAINED BY PAYEE

No. 001332

No. 001531

INVOICE DATE	INVOICE NUMBER	REFERENCE	AMOUNT
08/20/87	1397		834.00
08/25/87	1399		438.10
08/28/87	1442		114.40
08/28/87	1443		487.20
08/17/87	1480		909.25
09/03/87	1497		946.25
09/14/87	1608		1,591.00
TOTAL			5,320.20
			\$5,320.20



FALCONBRIDGE
WINNIPEG EXPLORATION

TO
CANADIAN IMPERIAL BANK OF COMMERCE
PORTAGE AND CAVALIER BRANCH, 3371 PORTAGE AVENUE
WINNIPEG, MANITOBA R3K 0W9


No. 001531

VOUCHER NO.	VENDOR NO.	DATE	AMOUNT
001332	5755	09/25/87	\$5,320.20
			\$5,320.20

PAY TO THE ORDER OF
XRAY ASSAY LABORATORIES LTD.
1885 LESLIE STREET
DON MILLS, ONTARIO

GENERAL ACCOUNT
Falconbridge Limited

M3B 3J4

PER  AUTHORIZED SIGNATURE

PER **NOT NEGOTIABLE** AUTHORIZED SIGNATURE

XRAL

X-RAY ASSAY LABORATORIES INC.

1885 LESLIE STREET • DON MILLS ONTARIO M3B 3J4 • (416) 445-5755

COPY TO

INVOICE TO

FALCONBRIDGE LIMITED
 ATTN: R. B. BOND
 3074 PORTAGE AVENUE, SUITE 100
 WINNIPEG, MANITOBA
 R3K 0Y2

COPY

SUBMITTED TO

FALCONBRIDGE LIMITED
 ATTN: R. B. BOND
 3074 PORTAGE AVENUE, SUITE 100
 WINNIPEG, MANITOBA
 R3K 0Y2

INVOICE NO	CUSTOMER NO	WORK ORDER NO	DATE SUBMITTED
1442	228	28791	10-AUG-87

TERMS

TERMS NET 30 DAYS
 1.5% PER MONTH INTEREST ON ACCOUNT OVER 30 DAYS

CLIENTS PO NO	CLIENT PROJECT NO	TYPE OF SAMPLES SUBMITTED
	F-SOILS	HUMUS

NO OF PKGS	SHIPPED VIA	WAY BILL NO	SHIPPED FROM
1 BAG	BPX		

QUANTITY	DESCRIPTION METHOD	XRAL CODE	UNIT COST	AMOUNT
1. 13	AU. BIOGEOCHEMISTRY, REGULAR DETECTION LIMIT	13, 2, 20, 0, 0, 0	7.50	97.50
2. 13	HUMUS, DRYING & BLENDING	99, 2, 0, 0, 0, 0	1.30	16.90

**X-RAY ASSAY LABORATORIES
 LIMITED**

1885 LESLIE STREET • DON MILLS, ONTARIO M3B 3J4

PAID OCT 23 1987

(Darpelli Certified)

ENTERED SEP 4 1987

SUB-TOTAL \$ 114.40

MISC. CHARGES	SHIPPING CHARGES	CUSTOM BROKERAGE	TELEP	MINIMUM CHARGES
	OTHER			SURCHARGE - RUSH SERVICE

TOTAL IN \$ 114.40

OFFICE COPY

XRAL

X-RAY ASSAY LABORATORIES INC.

1885 LESLIE STREET • DON MILLS ONTARIO M3B 3J4 • (416) 445-5755

COPY TO

COPY

INVOICE TO

FALCONBRIDGE LIMITED
 ATTN: D. ALDERMAN
 3074 PORTAGE AVENUE, SUITE 100
 WINNIPEG, MANITOBA
 R3K 0Y2

CUSTOMER NO. 228

SUBMITTED TO

FALCONBRIDGE LIMITED
 ATTN: D. ALDERMAN
 3074 PORTAGE AVENUE, SUITE 100
 WINNIPEG, MANITOBA
 R3K 0Y2

INVOICE NO	INVOICE DATE	WORK ORDER NO	DATE SUBMITTED
1608	14-Sep-87	28722	4-Aug-87

TERMS

TERMS NET 30 DAYS
 1.5% PER MONTH INTEREST ON ACCOUNT OVER 30 DAYS

CLIENTS PO NO	CLIENT PROJECT NO	TYPE OF SAMPLES SUBMITTED
		HUMUS

NO OF PKGS	SHIPPED VIA	WAY BILL NO	SHIPPED FROM
3 BAGS	SMALL FRY		

QUANTITY	DESCRIPTION METHOD	XRAL CODE	UNIT COST	AMOUNT
1. 174	AU. BIOGEOCHEMISTRY, REGULAR DETECTION LIMIT	13, 2, 20, 0, 0, 0	7.50	1305.00
2. 220	HUMUS, DRYING & BLENDING	99, 2, 0, 0, 0, 0	1.30	286.00

**X-RAY ASSAY LABORATORIES
 LIMITED**
 1885 LESLIE STREET • DON MILLS, ONTARIO M3B 3J4

PAID OCT 23 1987

Gasparelli
 (certified)

SUB-TOTAL \$ 1591.00

MISC. CHARGES	SHIPPING CHARGES	CUSTOM BROKERAGE	TELETYPE	MINIMUM CHARGES
	OTHER			SURCHARGE RUSH SERVICE

TOTAL IN Cdn \$ 1591.00

OFFICE COPY

XRAL

X-RAY ASSAY LABORATORIES INC.

1885 LESLIE STREET • DON MILLS, ONTARIO M3B 3J4 • (416) 445-5755

COPY TO:

COPY

CUSTOMER NO. 228

VOICE TO
 FALCONBRIDGE LIMITED
 ATTN: D. ALDERMAN
 3074 PORTAGE AVENUE, SUITE 100
 WINNIPEG, MANITOBA
 R3K 0Y2

SUBMITTED TO
 FALCONBRIDGE LIMITED
 ATTN: D. ALDERMAN
 3074 PORTAGE AVENUE, SUITE 100
 WINNIPEG, MANITOBA
 R3K 0Y2

INVOICE NO	INVOICE DATE	WORK ORDER NO	DATE SUBMITTED
1772	25-Sep-87	29410	21-Sep-87
TERMS			
TERMS NET 30 DAYS 1.5% PER MONTH INTEREST ON ACCOUNT OVER 30 DAYS			

CLIENTS P.C. NO	CLIENT PROJECT NO	TYPE OF SAMPLES SUBMITTED
		SOIL

NO OF PKGS	SHIPPED VIA	WAY BILL NO	SHIPPED FROM
	POH		

QUANTITY	DESCRIPTION METHOD	XRAL CODE	UNIT COST	AMOUNT
1. 46	AU. PPB	2, 10, 7, 0, 0, 0	7.00	322.00
2. 46	SOIL, DRYING & SCREENING	99, 2, 0, 0, 0, 0	0.90	41.40
			SUB-TOTAL	\$ 363.40

X-RAY ASSAY LABORATORIES
 LIMITED
 1885 LESLIE STREET • DON MILLS, ONTARIO M3B 3J4

PAID OCT 23 1987

Compelli
 (certified)

MISC. CHARGES	SHIPPING CHARGES	CUSTOM BROKERAGE	TELEX	MINIMUM CHARGES
	OTHER			SURCHARGE - RUSH SERVICE

TOTAL IN Cdn \$ 363.40

OFFICE COPY



FALCONBRIDGE LIMITED

Suite 100 - 3074 Portage Ave.
Winnipeg, Manitoba, R3K 0Y2
Telex 07-57251 Telephone 204/888-9860

FILE: 6-7-91

September 28th, 1987

TO: Mining Recorder
Kenora Division
808 Robertson Street
KENORA, Ontario P9N 3X9

RE: Invoices Numbered
X-Ray Assay Laboratories and Invoices numbered
1608, 1442, 1772

Warnock Hersey Professional Services Ltd. Invoices
numbered 36-73478, 36-73407, 36-73479

I HEREBY CERTIFY that these invoices have been paid.

RECEIVED
OCT 09 1987
MINING LANDS SECTION

R. B. BAND
Senior Exploration Geologist

HEAD OFFICE
SIEGE SOCIAL

128 Elmslie, LaSalle, Qué., Canada H8R 1V8 — Tel. (514) 366-3100

ISSUING OFFICE ADDRESS:
ADRESSE DU BUREAU D'ÉMISSION:

1154 SANFORD ST.
WPG, MAN.

DATE August 6, 1987	CLIENT NO. 37372	PROJECT NO.-N° DE PROJET 50762-C7-100000	DISTRICT 051	CLIENTS ORDER NO.: N° COMM. DU CLIENT
------------------------	---------------------	---	-----------------	---------------------------------------

INVOICED TO/FACTURÉ À

REPORTED TO/RAPPORT TRANSMIS À

Falconbridge Limited
100 - 3074 Portage Ave.
Winnipeg, Manitoba
R3K 0Y2

RECEIVED
AUG 10 1987

Falconbridge Nickel Mines Ltd.

Kozanoff

REPORT DATE DATE DU RAPPORT	REPORT NO. NO. DU RAPPORT	
	G12938-44	7, 1 A.T., Au. dets. @ \$12.50 = \$87.50 ✓ 7, Sample preps. @ \$2.00 = 14.00 ✓ Collect charge bus = 27.40 ✓ \$128.90

KO-AD 9401 to 9407

*I hereby certify that this invoice has been paid.
R. B. [Signature]
25 Sept '87*

FALCONBRIDGE LIMITED

VOUCHER NUMBER				VENDOR NUMBER	3100
ACCOUNT	COST CENTRE	AMOUNT	CR	X	
2,48,601,608	0,0,5,53,0	128.90			
ISSUE DATE	CURRENCY				
APPROVED <i>[Signature]</i>	CODED <i>[Signature]</i>	EXT & AGES	APAY	CHECKED	

A Commissioner For Oaths
for the Province of Manitoba

My Commission expires
February 25th, 1989.

REMIT PAYMENT TO: / FAIRE REMISE A:

WARNOCK HERSEY PROFESSIONAL SERVICES Ltd.
LES SERVICES PROFESSIONNELS WARNOCK HERSEY Ltée

INVOICE NO. / FACTURE NO.

36-73478

128 Elmslie
LA SALLE, P.Q. H8R 1V8

PLEASE ATTACH COPY OF INVOICE TO YOUR REMITTANCE
VEUILLEZ INCLURE COPIE DE FACTURE AVEC VOTRE REMISE

THIS ACCOUNT FOR PROFESSIONAL SERVICES IS DUE ON PRESENTATION • COMPTE DE SERVICES PROFESSIONNELS. EXIGIBLE SUR PRÉSENTATION
ALL OVERDUE ACCOUNTS SHALL BEAR INTEREST AT THE RATE OF 2% PER MONTH. (24% PER ANNUM)
UN INTÉRÊT DE 2% PAR MOIS. SERA CALCULÉ SUR LES COMPTES EN ARRÉRAGES. (24% PAR ANNÉE)

HEAD OFFICE
SIEGE SOCIAL

128 Elmslie, LaSalle, Qué., Canada H8R 1V8 — Tel. (514) 366-3100

ISSUING OFFICE ADDRESS:
ADRESSE DU BUREAU D'ÉMISSION:

1154 Sanford
Wpg. Man.

DATE July 13, 1987	CLIENT NO. 37372	PROJECT NO.-N° DE PROJET 50762-C7-100000	DISTRICT 051	CLIENTS ORDER NO.. N° COMM DU CLIENT PO#Kozowy
-----------------------	---------------------	---	-----------------	---

INVOICED TO/FACTURÉ À

REPORTED TO/RAPPORT TRANSMIS À

Falconbridge Limited
100 - 3074 Portage Ave.
Winnipeg, Manitoba
R3K 0Y2

RECEIVED
JUL 15 1987

Falconbridge Nickel Mines Ltd.

REPORT DATE DATE DU RAPPORT	REPORT NO. NO. DU RAPPORT	
	G11825-32	<p>8, 1 A.T., Au. dets. @ \$12.50 = \$100.00 ✓ 8, sample preps @ \$2.00 = 16.00 ✓ \$116.00</p> <p><i>[Signature]</i></p> <p>I hereby certify that this invoice has been paid.</p> <p><i>[Signature]</i> 25 Sept 1987</p>

FALCONBRIDGE LIMITED

VOUCHER NUMBER	VENDOR NUMBER 3150		
ACCOUNT	COST CENTRE	AMOUNT	CR X
248,601,608	0,05,530	116.00	
DATE	CURRENCY		
APPROVED <i>[Signature]</i>	CODED <i>[Signature]</i>	EXT & ADDS <i>[Signature]</i>	A/PAY
			CHECKED

[Signature]
A Commissioner For Oaths
for the Province of Manitoba

My Commission expires
February 25th, 1989.

REMIT PAYMENT TO: / FAIRE REMISE À:

WARNOCK HERSEY PROFESSIONAL SERVICES Ltd.
LES SERVICES PROFESSIONNELS WARNOCK HERSEY Ltée

INVOICE NO. / FACTURE NO.

36-73407

128 Elmslie
LA SALLE, P.Q. H8R 1V8
PLEASE ATTACH COPY OF INVOICE TO YOUR REMITTANCE
VEUILLEZ INCLURE COPIE DE FACTURE AVEC VOTRE REMISE

THIS ACCOUNT FOR PROFESSIONAL SERVICES IS DUE ON PRESENTATION • COMPTE DE SERVICES PROFESSIONNELS, EXIGIBLE SUR PRÉSENTATION
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UN INTÉRÊT DE 2% PAR MOIS, SERA CALCULÉ SUR LES COMPTES EN ARRÉRAGES. (24% PAR ANNÉE)

HEAD OFFICE
SIEGE SOCIAL

128 Elmslie, LaSalle, Qué., Canada H8R 1V8 — Tel. (514) 366-3100

ISSUING OFFICE ADDRESS:
ADRESSE DU BUREAU D'ÉMISSION:

1154 Sanford St.
Wpg. Man.

DATE August 6, 1987	CLIENT NO. 37372	PROJECT NO.-N° DE PROJET 50762-C7-100000	DISTRICT 051	CLIENTS ORDER NO. N° COMM. DU CLIENT
------------------------	---------------------	---	-----------------	--------------------------------------

INVOICED TO/FACTURÉ À

REPORTED TO/RAPPORT TRANSMIS À

Falconbridge Limited
100 - 3074 Portage Ave.
Winnipeg, Manitoba
R3K 0Y2

K. Zucchi

RECEIVED
AUG 10 1987

Falconbridge Ltd. ~~1154 Sanford St.~~

REPORT DATE DATE DU RAPPORT	REPORT NO. NO. DU RAPPORT	
--------------------------------	------------------------------	--

G12928-12937 10, 1 A.T., Au. dets. @ \$12.50 = \$125.00 ✓
10, Sample preps. @ \$2.00 = 20.00 ✓
\$145.00

*FC 37566-
37575*

Q 7529

B

I hereby
certify that this
invoice has
been paid.

FALCONBRIDGE LIMITED

VOUCHER NUMBER	VENDOR NUMBER 3100		
ACCOUNT	COST CENTRE	AMOUNT	CR X
248.60/16.08	005.530	145.00	
DUE DATE	CURRENCY		
APPROVED <i>Rbb</i>	CODED <i>83</i>	EXT & ADJS <i>102</i>	A/PAY CHECKED

Rbb
25 Sept 1987

Dorman
A Commissioner for Oaths
for the Province of Manitoba
My Commission expires
February 25th, 1989

REMIT PAYMENT TO: / FAIRE REMISE À:

WARNOCK HERSEY PROFESSIONAL SERVICES Ltd.
LES SERVICES PROFESSIONNELS WARNOCK HERSEY Ltée

INVOICE NO. / FACTURE NO.

36-73479

128 Elmslie
LA SALLE, P.Q. H8R 1V8
PLEASE ATTACH COPY OF INVOICE TO YOUR REMITTANCE
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UN INTÉRÊT DE 2% PAR MOIS, SERA CALCULÉ SUR LES COMPTES EN ARRÉRAGES. (24% PAR ANNÉE)

11-11-2



Warnock Hersey Professional Services Ltd.

1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

WINNIPEG August 6, 1987

ASSAY OF 7 SAMPLE ROCK

RECEIVED July 31, 1987 FROM Falconbridge - Winnipeg, Man.

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD	SILVER					
		GRAMS / TONNE	GRAMS TONNE	PER CENT.	PER CENT.	PER CENT.	PER CENT.	PER CENT.
G12938	KO-AD9401	1.37						
12939	9402	0.34						
12940	9403	0.17						
12941	9404	0.17						
12942	9405	TRACE						
12943	9406	0.17						
12944	9407	TRACE						

MF Beswick

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON

Gold at per oz.
Silver at per oz.

Warnock Hersey Professional Services Ltd.

Per *B. Daklin*



Warnock Hersey Professional Services Ltd.

1154 Sanford Street Winnipeg Manitoba R3E 2Z9 (204)786-7546 Telex 07-57254

WINNIPEG August 6, 1987

ASSAY OF 10 SAMPLE ROCK

RECEIVED July 31, 1987 FROM Falconbridge - Winnipeg, Man.

LABORATORY NUMBERS	MARKS ON SAMPLES	GOLD	SILVER					
		GRAMS / TONNE	GRAMS TONNE	PER CENT.	PER CENT.	PER CENT.	PER CENT.	PER CENT.
G12928	FC37566	1.89						
12929	37567	3.26						
12930	37568	0.17						
12931	37569	TRACE						
12932	37570	TRACE						
12933	37571	TRACE						
12934	37572	TRACE						
12935	37573	TRACE						
12936	37574	0.17						
12937	37575	TRACE						

M. H. Braden

THE FOLLOWING CURRENT QUOTATIONS:
THE VALUES WHERE GIVEN ARE BASED ON

Gold at per oz.
Silver at per oz.

Warnock Hersey Professional Services Ltd.

Per

73479

XRAL

X-RAY ASSAY LABORATORIES INC.

1885 LESLIE STREET • DON MILLS ONTARIO M3B 2J4 • (416) 445-5751

RECEIVED

OFFICE TO:
 FALCONBRIDGE LIMITED
 ATTN: D. ALDERMAN
 3074 PORTAGE AVENUE, SUITE 100
 WINNIPEG, MANITOBA
 R3K 0Y2

COPY TO:

SEP 31 1987

RECEIVED
Falconbridge Limited

RECEIVED

CUSTOMER NO. 228

SHIPPED TO:
 FALCONBRIDGE LIMITED
 ATTN: D. ALDERMAN
 3074 PORTAGE AVENUE, SUITE 100
 WINNIPEG, MANITOBA
 R3K 0Y2

OCT 09 1987

INVOICE NO.	INVOICE DATE	WORK ORDER NO.	DATE SUBMITTED
1608	14-Sep-87	28722	4-Aug-87

MINING LANDS SECTION

TERMS NET 30 DAYS
 1.5% PER MONTH INTEREST ON ACCOUNT OVER 30 DAYS

INSTRUMENT P.O. NO.	CLIENT PROJECT NO.	TYPE OF SAMPLES SUBMITTED
		HUMUS

NO. OF BAGS	SHIPPED VIA	WAYBILL NO.	SHIPPED FROM
3 BAGS	SMALL FRY		

QUANTITY	DESCRIPTION METHOD	XRAL CODE	UNIT COST	AMOUNT
1 174	AU. BIOGEOCHEMISTRY, REGULAR DETECTION LIMIT	13. 2.20. 0. 0. 0	7.50	1305.00
2 220	HUMUS, DRYING & BLENDING	99. 2. 0. 0. 0. 0	1.30	286.00

I hereby certify that this invoice has been paid.
R. B. D. 25 Sept 1987.

FALCONBRIDGE LIMITED

VOUCHER NUMBER		VENDOR NUMBER	
A66GUNT		5755	
24,8603,608	COST CENTRE	AMOUNT	CR X
	005,530	1,591.00	
DATE	CURRENCY	A/PAY	CHECKED
APPROVED	CODED	EXT & ADDS	

Brennan
 A Commissioner For Oaths
 for the Province of Manitoba.

My Commission expires
 February 25th, 1989.

SUB-TOTAL \$ 1591.00

SHIPPING CHARGES	CUSTOM BROKERAGE	TELEX	MINIMUM CHARGES
OTHER			SURCHARGE - RUSH SERVICE

ORIGINAL INVOICE

TOTAL IN \$ CDN \$ 1591.00

XRAL

X-RAY ASSAY LABORATORIES INC.

1885 LESLIE STREET • DON MILLS ONTARIO M3B 3J4 • (416) 445-5755

COPIES TO:

COPY TO:

FALCONBRIDGE LIMITED
ATTN: R. B. BAND
3074 PORTAGE AVENUE, SUITE 100
WINNIPEG, MANITOBA
R3K 0Y2

RECEIVED
SEP 2 1987

Falconbridge

SHIPPED TO:

FALCONBRIDGE LIMITED
ATTN: R. B. BAND
3074 PORTAGE AVENUE, SUITE 100
WINNIPEG, MANITOBA
R3K 0Y2

CUSTOMER NO. 228

INVOICE NO.	INVOICE DATE	WORK ORDER NO.	DATE SUBMITTED
1442	20-AUG-87	28791	10-AUG-87

TERMS NET 30 DAYS
1.5% PER MONTH INTEREST ON ACCOUNT OVER 30 DAYS

WTS P.O. NO.	CLIENT PROJECT NO.	TYPE OF SAMPLES SUBMITTED
	F-SOILS	HUMUS

NO. OF BAGS	SHIPPED VIA	WAY BILL NO.	SHIPPED FROM
1 BAG	BPX		

QUANTITY	DESCRIPTION METHOD	XRAL CODE	UNIT COST	AMOUNT
1 13	AU BIOGEOCHEMISTRY, REGULAR DETECTION LIMIT	13, 2, 20, 0, 0, 0	7.50	97.50 ✓
2 13	HUMUS, DRYING & BLENDING	99, 2, 0, 0, 0, 0	1.30	16.90 ✓

I hereby certify that this invoice has been paid.
R.B. Band
Sept 25 1987

FALCONBRIDGE LIMITED

VOUCHER NUMBER		VENDOR NUMBER		5755
ACCOUNT	COST CENTRE	AMOUNT	CR	X
24.8.6.0.3.6.08	005.5.5.5	114.40		
	5.30		A	
			A	
			A	
			A	
DUE DATE		CURRENCY		
APPROVED	CODED	EXT & ADDS	A/PAY	CHECKED
<i>R.B. Band</i>	<i>(initials)</i>	<i>(initials)</i>		

Duman
A Commissioner For Oaths
for the Province of Manitoba.

My Commission expires
February 25th, 1989.

SUB-TOTAL \$ 114.40

SHIPPING CHARGES	CUSTOM BROKERAGE	TELEX	MINIMUM CHARGES
OTHER	DISCOUNTS		DISCOUNTS

ORIGINAL INVOICE

TOTAL IN

\$ 114.40 ✓

XRAL

X-RAY ASSAY LABORATORIES INC.

1885 LESLIE STREET • DON MILLS ONTARIO M3B 3J4 • (416) 445-5755

COPY TO

ICE TO

FALCONBRIDGE LIMITED
ATTN: D. ALDERMAN
3074 PORTAGE AVENUE, SUITE 100
WINNIPEG, MANITOBA
R3K 0Y2

CUSTOMER NO. 228

SHIPPED TO

FALCONBRIDGE LIMITED
ATTN: D. ALDERMAN
3074 PORTAGE AVENUE, SUITE 100
WINNIPEG, MANITOBA
R3K 0Y2

INVOICE NO	INVOICE DATE	WORK ORDER NO	DATE SUBMITTED
1772	25-Sep-87	29410	21-Sep-87

TERMS

TERMS NET 30 DAYS
1.5% PER MONTH INTEREST ON ACCOUNT OVER 30 DAYS

ITS P.O. NO.	CLIENT PROJECT NO.	TYPE OF SAMPLES SUBMITTED
		SOIL

QUANTITY	DESCRIPTION METHOD	XRAL CODE	UNIT COST	AMOUNT
46	AU, PPB	2, 10, 7, 0, 0, 0	7.00	322.00
46	SOIL, DRYING & SCREENING	99, 2, 0, 0, 0, 0	0.90	41.40

I hereby certify that the invoice is in the process of being paid.

*W. Bowen
for
R B Band.*

SUB-TOTAL \$ 363.40

SHIPPING CHARGES	CUSTOM BROKERAGE	TELEF	MINIMUM CHARGES

DISC. CHARGES

TOTAL IN \$ 363.40

OFFICE COPY

RECEIVED

MS

CERTIFICATE OF ANALYSIS

SEP 21 1987

Falconbridge Limited

PN. 530

TO: FALCONBRIDGE LIMITED
ATTN: D. ALDERMAN
3074 PORTAGE AVENUE, SUITE 100
WINNIPEG, MANITOBA
R3K 0Y2

CUSTOMER NO. 228

DATE SUBMITTED
4-AUG-87

REPORT 1608

REF. FILE 28722-

228 HUMUS

WERE ANALYSED AS FOLLOWS:

NOTE: 1000 PPM	METHOD	DETECTION LIMIT
AU PPB	NA	1.000

M. Bourne

DATE 14-SEP-87

X-RAY ASSAY LABORATORIES LIMITED
CERTIFIED BY *[Signature]*

SAMPLE	AU PPB
FSC 37501	NH
FSC 37502	3
FSC 37503	3
FSC 37504	<3
FSC 37505	11
FSC 37506	7
FSC 37507	NSS
FSC 37508	<1
FSC 37509	<1
FSC 37510	<1
FSC 37511	NSS
FSC 37512	<1
FSC 37513	<1
FSC 37514	<1
FSC 37515	<1
FSC 37516	<1
FSC 37517	<1
FSC 37518	<1
FSC 37519	<1 ✓
FSC 37520	<1
FSC 37521	<1
FSC 37522	<1
FSC 37523	1
FSC 37524	<1
FSC 37525	<1
FSC 37526	1
FSC 37527	<1
FSC 37528	<1
FSC 37529	NH
FSC 37530	<1
FSC 37531	<1
FSC 37532	<1
FSC 37533	<1
FSC 37534	<1
FSC 37535	NH
FSC 37536	<1
FSC 37537	2
FSC 37538	VSS
FSC 37539	<1
FSC 37540	<3
FSC 37541	<1
FSC 37542	<1
FSC 37543	<1
FSC 37544	2
FSC 37545	<2
FSC 37546	VSS
FSC 37547	<1
FSC 37548	VSS

W.F. Browne

NSS - NOT SUFFICIENT SAMPLE
NH - NOT HUMUS

SAMPLE	AU PPB
FSC 37549	NSS
FSC 37550	<1
FSC 37551	NSS
FSC 37552	NSS
FSC 37553	<2
FSC 37554	NH
FSC 37555	NH
FSC 37556	<1
FSC 37557	NH
FSC 37558	<1
FSC 37559	<2
FSC 37560	1
FSC 37561	2
FSC 37562	<1
FSC 37563	<1
FSC 37564	<1
FSC 37565	<2
FSC 37579	4
FSC 37580	3
FSC 37581	2
FSC 37582	2
FSC 37583	NH
FSC 37584	15
FSC 37585	2
FSC 37586	<2
FSC 37587	3
FSC 37588	<1
FSC 37589	14
FSC 37590	1
FSC 37591	NH
FSC 37592	NH
FSC 37593	<1
FSC 37594	<1
FSC 37595	<1
FSC 37596	<1
FSC 37597	28
FSC 37598	<3
FSC 37599	<3
FSC 37600	<1
FSC 37601	<5
FSC 37602	11
FSC 37603	10
FSC 37604	9
FSC 37605	2
FSC 37606	3
FSC 37607	2
FSC 37608	3
FSC 37609	<5

Not Base

NSS - NOT SUFFICIENT SAMPLE
NH - NOT RUN

SAMPLE	AU PPS
FSC 37610	NH
FSC 37611	<1
FSC 37612	NH
FSC 37613	5
FSC 37614	2
FSC 37615	1
FSC 37616	3
FSC 37617	2
FSC 37618	2
FSC 37619	4
FSC 37620	2
FSC 37621	8
FSC 37622	2
FSC 37623	1
FSC 37624	3
FSC 37625	3
FSC 37626	1
FSC 37627	3
FSC 37628	2
FSC 37629	<5
FSC 37630	4
FSC 37631	<1
FSC 37632	<5
FSC 37633	2
FSC 37634	NH
FSC 37635	NH
FSC 37636	NH
FSC 37637	<2
FSC 37638	<5
FSC 37639	NH
FSC 37640	NH
FSC 37641	4
FSC 37642	<5
FSC 37643	<5
FSC 37644	NH
FSC 37645	NH
FSC 37646	NH
FSC 37647	<5
FSC 37648	<4
FSC 37649	NH
FSC 37650	4
FSC 37651	<1
FSC 37652	2
FSC 37653	<4
FSC 37654	2
FSC 37655	3
FSC 37656	NH
FSC 37657	<4

NH Base

NH -- NOT HUMUS

SAMPLE	AJ PPB
FSC 37658	1
FSC 37659	<4
FSC 37660	NH
FSC 37661	NH
FSC 37662	NH
FSC 37663	6
FSC 37664	NH
FSC 37665	830 X
FSC 37666	33 X
FSC 37667	NH
FSC 37668	<5
FSC 37669	NH
FSC 37670	NH
FSC 37671	NH
FSC 37672	<5
FSC 37673	<4
FSC 37674	NH
FSC 37675	NH
FSC 37676	<5
FSC 37677	<1
FSC 37678	2
FSC 37679	<4
FSC 37680	<1
FSC 37681	2
FSC 37682	NH
FSC 37683	4
FSC 37684	<3
FSC 37685	<3
FSC 37686	NH
FSC 37687	<5
FSC 37688	<1
FSC 37689	NH
FSC 37690	NH
FSC 37691	NH
FSC 37692	6
FSC 37693	NH
FSC 37694	NH
FSC 37695	<4
FSC 37696	NH
FSC 37697	4
FSC 37698	NH
FSC 37699	3
FSC 37700	2
FSC 37701	<1
FSC 37702	<1
FSC 37703	7
FSC 37704	6
FSC 37705	2

NH - NOT HJMUS

At Base 4

SAMPLE	AJ	PPB
FSC 37706		2
FSC 37707	DETE	<1
FSC 37708		2
FSC 37709		1
FSC 37710		1
FSC 37711		<1
FSC 37712		2
FSC 37713		3
FSC 37714		1
FSC 37715		1
FSC 37716		<1
FSC 37717		<1
FSC 37718		2
FSC 37719		2
FSC 37720	ADVSE NH	
FSC 37721	NH	
FSC 37722	NH	
FSC 37723	NH	
FSC 37724	NH	
FSC 37725		<1
FSC 37726		<2
FSC 37727		10
FSC 37728		2
FSC 37730		<5
FSC 37731		1
FSC 37732		<1
FSC 37733		<1
FSC 37734		<5
FSC 37735		<4
FSC 37736		NH
FSC 37737		11
FSC 37738		37 X
FSC 37739		8
FSC 37740		<12
FSC 37741		<1
FSC 37742		2

212 →

DETECTION LIMIT

Handwritten signature: J.F. Beane

NH - NO HUMUS

CERTIFICATE OF ANALYSIS

TO: FALCONBRIDGE LIMITED
ATTN: R.B. BAND
3074 PORTAGE AVENUE, SUITE 100
WINNIPEG, MANITOBA
R3K 0Y2

CUSTOMER NO. 228

DATE SUBMITTED
10-AUG-87

REPORT 1442

REF. FILE 28791-SR

13 HUMUS PROJ. F-SOILS
WERE ANALYSED AS FOLLOWS:

	METHOD	DETECTION LIMIT
AU PP8	NA	1.000

W.F. Beaves

DATE 28-AUG-87

X-RAY ASSAY LABORATORIES LIMITED
CERTIFIED BY

OFFICE COPY: DISTRIBUTION 228- 1- 12 R212:
VOICE : 228- 1- 12

28-AUG-87 REPORT 1442 REF. FILE 28791-SR PAGE 1 OF 1

SAMPLE	AU PPB
FSC 37743	<1
FSC 37744	<1
FSC 37745	<1
FSC 37746	<1
FSC 37747	<1
FSC 37748	3
FSC 37749	<1
FSC 37750	<1
FSC 37751	<1
FSC 37752	<1
FSC 37753	<1
FSC 37754	4
FSC 37755	1

Jf Basawee

100

RECEIVED

SEP 30 1987

Falconbridge Limited

CERTIFICATE OF ANALYSIS

TC: FALCONBRIDGE LIMITED
ATTN: C. ALDERMAN
3074 PORTAGE AVENUE, SUITE 100
WINNIPEG, MANITOBA
R3K 0Y2

CUSTOMER NO. 228

DATE SUBMITTED
21-SEP-87

REPORT 1772

REF. FILE 29410-C1

46 PLLPS ON HAND RE:WG#28722

WERE ANALYSED AS FOLLOWS:

AU PPE	METHOD FACCP	DETECTION LIMIT 1.000
--------	-----------------	--------------------------

J. Bowen

X-RAY ASSAY LABORATORIES LIMITED

DATE 25-SEP-87

CERTIFIED BY 

25-SEP-87 REPORT 1772 REF.FILE 29410-C1 PAGE 1 OF 1

SAMPLE	AU PPB
FSC 37501	<1
FSC 37529	11
FSC 37535	<1
FSC 37554	<1
FSC 37555	<1
FSC 37557	<1
FSC 37583	<1
FSC 37591	<1
FSC 37592	<1
FSC 37610	<1
FSC 37612	<1
FSC 37634	2
FSC 37635	1
FSC 37636	1
FSC 37639	2
FSC 37640	1
FSC 37644	3
FSC 37645	4
FSC 37646	<1
FSC 37649	<1
FSC 37656	3
FSC 37660	<1
FSC 37661	<1
FSC 37662	3
FSC 37664	2
FSC 37667	22
FSC 37669	<1
FSC 37670	<1
FSC 37671	<1
FSC 37674	<1
FSC 37675	<1
FSC 37682	<1
FSC 37684	<1
FSC 37689	<1
FSC 37690	<1
FSC 37691	<1
FSC 37693	<1
FSC 37694	<1
FSC 37696	<1
FSC 37698	1
FSC 37720	<1
FSC 37721	4
FSC 37722	<1
FSC 37723	<1
FSC 37724	4
FSC 37736	5

At Base...



FALCONBRIDGE LIMITED

Suite 100 - 3074 Portage Ave.
Winnipeg, Manitoba, R3K 0Y2
Telex 07-57251 Telephone 204/888-9860

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1987

FILE: 6-7-91

MINING LANDS SECTION

September 28th, 1987

Mr. Fred Mathews
Ministry of Natural Resources
Land Management Branch
Room 6542, Whitney Block
Queen's Park
TORONTO, Ontario M7A 1W3

Dear Mr. Mathews:

RE: Geochemical Work filed August 12th, 1987 - File No.
Kenora 152 - 87

Please find attached the following information regarding geochemical work performed on claims held by Kidd Creek Mines Ltd. in Aubrey Township, Kenora Mining Division:

- 1) Photocopy of reports of work
- 2) Duplicates of geochemical report by D. Bosowec, Falconbridge Ltd.
- 3) Duplicates of geochemical technical data statement

I trust you will find everything in order.

Yours truly,

FALCONBRIDGE LIMITED

for *R. B. Bosowec*

R. B. Band
Senior Exploration Geologist

MINING LANDS SECTION

RBB/lmj
encl.

C.C. R. H. Tays

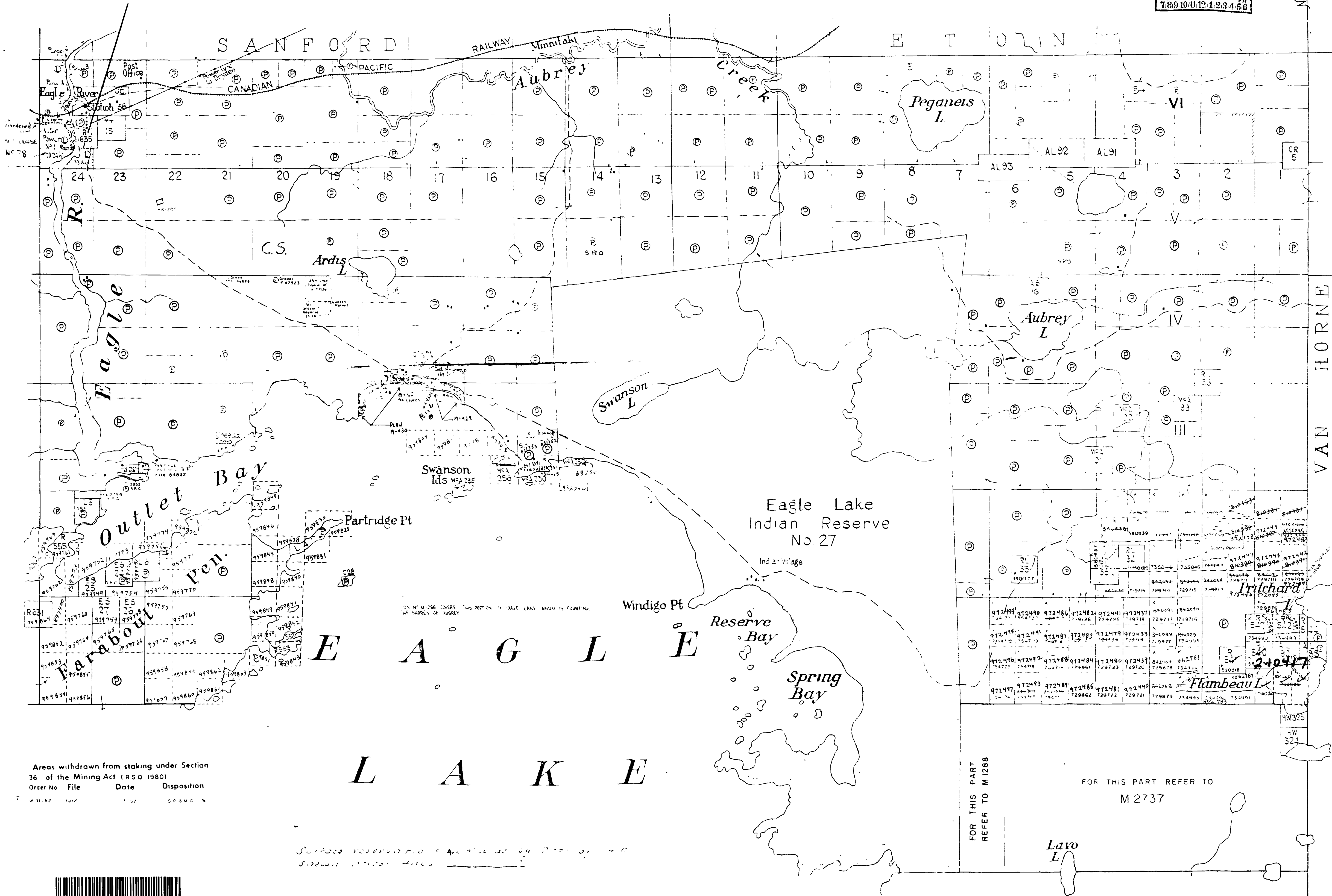
MINING LANDS SECTION

AUBREY

DISTRICT OF KENORA
KENORA MINING DIVISION
Scale - 40 Chains - 1 Inch

M.1944
ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

KENORA
MINING DIV.
AUBREY
JUL 13 1987
AM 7:8.9.10.11.12.1.2.3.4.5.6



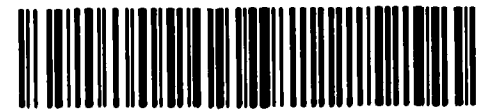
Areas withdrawn from staking under Section 36 of the Mining Act (R.S.O. 1980)

Order No	File	Date	Disposition
W 31-62	1012	1-82	SPARK

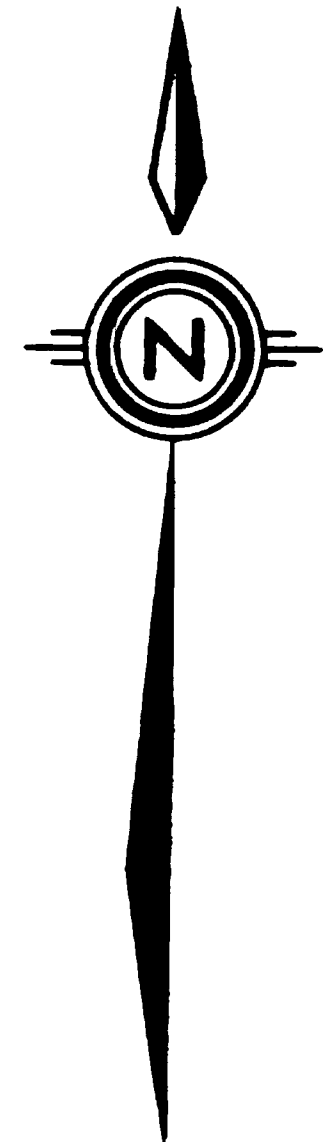
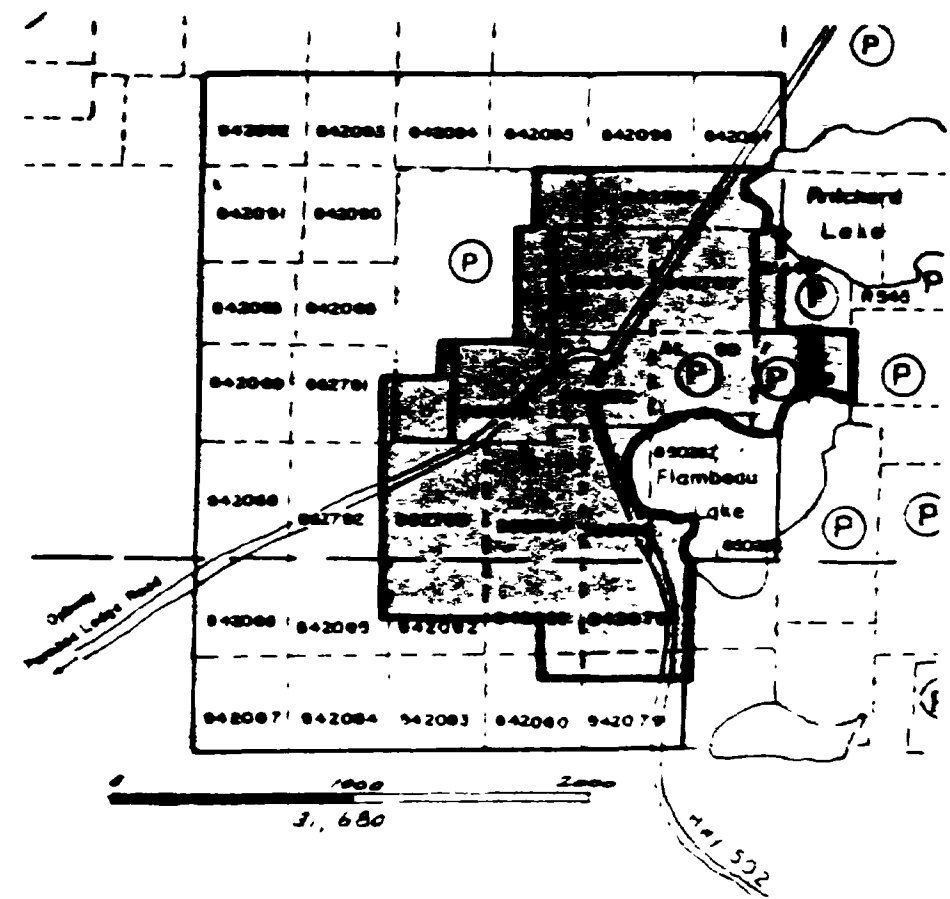
Surface reservation of the land shown on this map is for the purpose of the mining act.

FOR THIS PART REFER TO M 1288

FOR THIS PART REFER TO M 2737

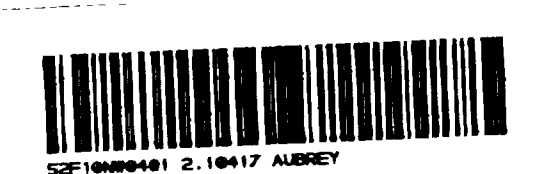


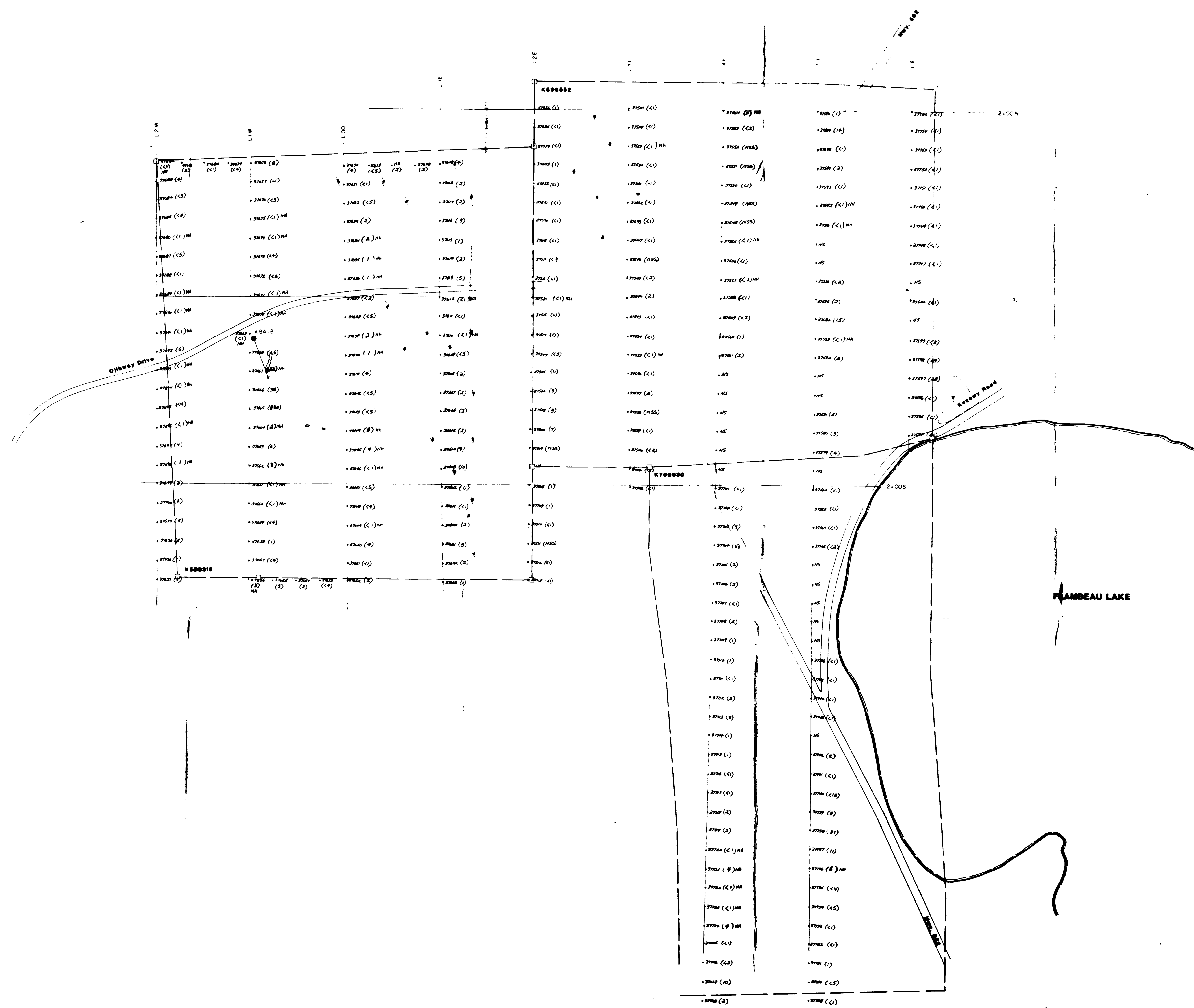
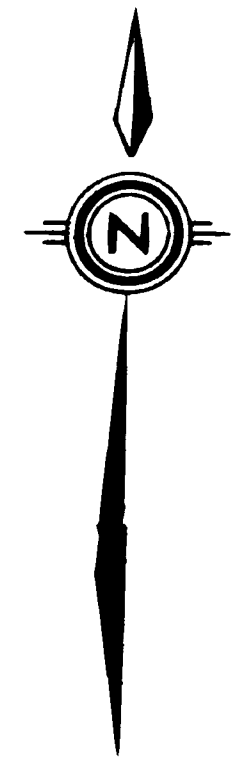
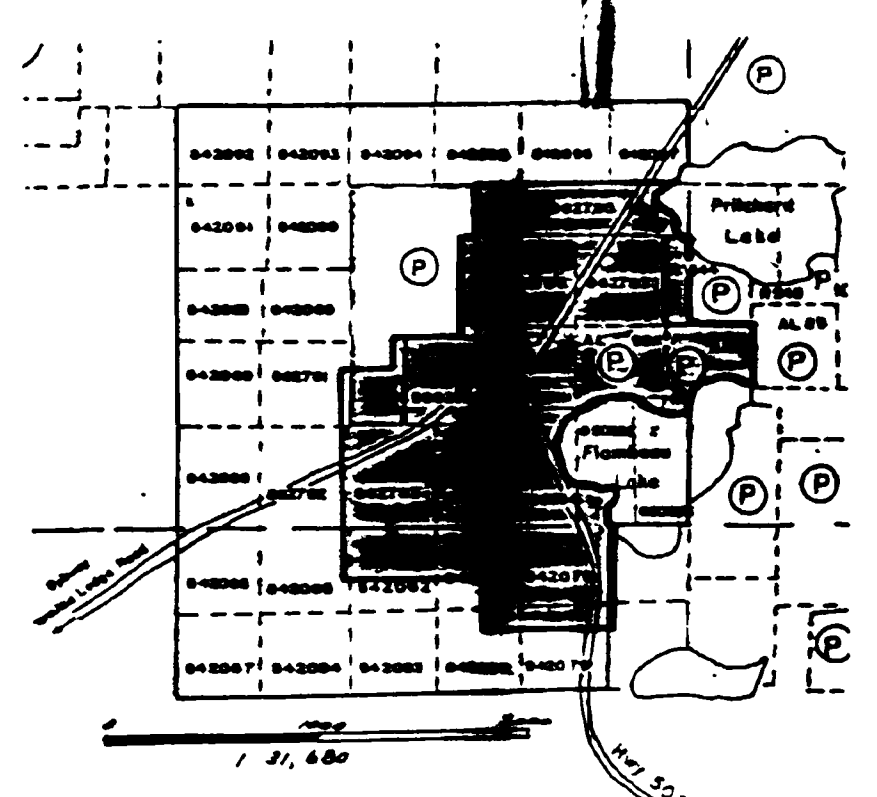
52F10N0401 2.10417 AUBREY



- SYMBOLS —
- Lake and Shoreline
 - Swamp
 - Pit or Trench
 - Drillhole
 - Claim Post
 - Claim Boundary

Handwritten note:
 H. B. Bower
 Oct 21st
 2, 1947





- SYMBOLS**
- Lake and shoreline
 - Swamp
 - Pit or Trench
 - Driveway
 - Chain post
 - Chain boundary
 - Not shown
 - No survey
 - Not sufficient sample

Dr. Brown
Sept 1971

PALEONTOLOGICAL LIMITED

KOZOWY PROJECT

Sample Location Map
As of 1971

210477