

MAP NO.: ASSESSMENT REPORT X  
105 I 12 PROSPECTUS  
CONFIDENTIAL X  
OPEN FILE

DOCUMENT NO: 093067  
MINING DISTRICT: WATSON LAKE  
TYPE OF WORK: GEOCHEMISTRY  
GEOLOGY

REPORT FILED UNDER: FALCONBRIDGE LTD

DATE PERFORMED: JUNE 10 - JULY 10, 1992

DATE FILED: JANUARY 15, 1992

LOCATION: LAT.: 62°35'N

AREA: HOWARDS PASS

LONG.: 129°45'W

VALUE \$: 18,000

CLAIM NAME & NO.: FALCON 1-148 (YB16746-893), FALCON 149-180 (YB34088-119)

WORK DONE BY: MARK D. EDWARDS

WORK DONE FOR: FALCONBRIDGE LIMITED

DATE TO GOOD STANDING:

REMARKS: 1342 GRID SOIL SAMPLES COLLECTED

4 PLANS 1:10,000 (2 LOCATION 2 SOIL), 1 CLAIM LOCATION, 8 GEOCHEM  
MAPS 1:5,000

**FALCONBRIDGE LIMITED**

Report on

**GEOLOGICAL MAPPING AND GEOCHEMICAL SAMPLING**

at the

**FALCON PROPERTY, YUKON**

Falcon 1-148 YB16746 to YB16893

Falcon 149-180 YB34088 to YB34119

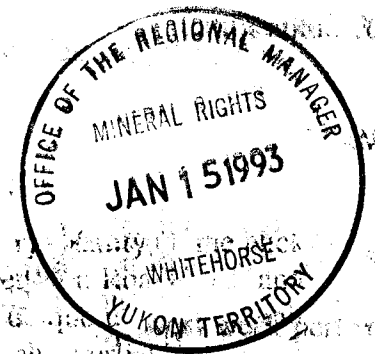
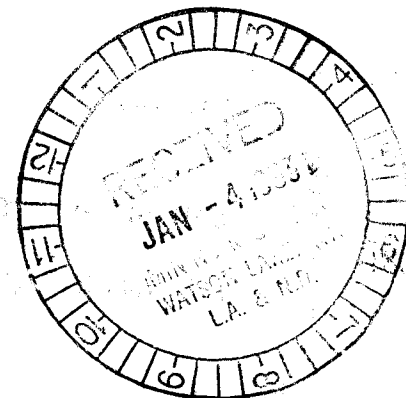
NTS 105 I/12

Latitude 62° 35'N, Longitude 129° 45'W

Mark D. Edwards, B.Sc.

December, 1992

Field work performed between June 10 and July 10, 1992



093067

.....  
.....  
.....  
.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation of the amount  
of \$\_\_\_\_\_.

Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.

**Table of Contents**

Summary and Recommendations . . . . . 1

Introduction . . . . . 2

    Location and Access . . . . . 2

    History and Previous Work . . . . . 2

Regional Geology . . . . . 3

Property Geology . . . . . 3

    Introduction . . . . . 3

    Stratigraphy . . . . . 3

    Structural Geology . . . . . 4

Geochemistry . . . . . 6

    Soils . . . . . 6

    Lithochemistry . . . . . 7

Results and Interpretation . . . . . 7

APPENDIX I: STATEMENT OF QUALIFICATIONS

APPENDIX II: LIST OF PERSONNEL

APPENDIX III: GEOCHEMICAL CERTIFICATES

APPENDIX IV: REFERENCES

## List of Figures

Figure 1: Location Map . . . . .	9
Figure 2: Regional Geological Setting . . . . .	10
Figure 3: Nickel in Soils, Frequency Plot . . . . .	11
Figure 4: Zinc in Soils, Frequency Plot . . . . .	12

## List of Tables

Table 1: Table of Formations . . . . .	5
--	---

## List of Maps (Back Pocket)

Map Figure 1	Geology and Sample Locations	'East Sheet' 1:10 000
Map Figure 2	Geology and Sample Locations	'West Sheet' 1:10 000
Map Figure 3	Falcon Claims	
Map Figure 4	Soil Geochemistry and Sample Locations	'Sheet 1' 1:5000
Map Figure 5	Soil Geochemistry and Results (Ni, Zn)	'Sheet 1' 1:5000
Map Figure 6	Soil Geochemistry and Sample Locations	'Sheet 2' 1:5000
Map Figure 7	Soil Geochemistry and Results (Ni, Zn)	'Sheet 2' 1:5000
Map Figure 8	Soil Geochemistry and Sample Locations	'Sheet 3' 1:5000
Map Figure 9	Soil Geochemistry and Results (Ni, Zn)	'Sheet 3' 1:5000
Map Figure 10	Soil Geochemistry and Sample Locations	'Sheet 5' 1:5000
Map Figure 11	Soil Geochemistry and Results (Ni, Zn)	'Sheet 5' 1:5000
Map Figure 12	Contour Soil Sampling	'East Sheet' 1:10 000
Map Figure 13	Soil Geochemistry Results (Ni, Zn)	'East Sheet' 1:10 000

### Summary and Recommendations

The mapping, lithochemical, and soil sampling carried out on the Falcon property between the period of June 10 and July 10, 1992 indicated that the potential for "Nick type" sulphide mineralization is low. This conclusion is based on the following

(a) Geologically, the property contains typical Road River, Lower Earn, and Upper Earn group sediments. The unique stratigraphic unit associated with "Nick type" sulphide mineralization (the limestone ball member) was not found.

(b) No sulphide mineralization was found in outcrop or trenched sections around the Road River - Lower Earn Group contact (the optimum stratigraphic position for "Nick type" sulphides).

(c) Lithochemical sampling indicated that carbonaceous shales on the property contain only background levels of nickel (50 to 400ppm) and zinc (20 to 4000 ppm). No anomalous metal concentrations indicative of hydrothermal alteration were identified.

(d) A 1,400 m x 200m soil anomaly, with values of up to 2600 ppm Ni and 3.1% Zn, was discovered in an area covered by thick willow bog. Hydromorphic dispersion and organic metal fixation of elevated but still background levels of nickel and zinc from Road River and Lower Earn carbonaceous shales are interpreted to have caused the anomaly.

**Recommendations:** Although the results of the geological work are not encouraging, the source of the geochemical soil anomaly was not established. It was not possible to hand trench to bedrock in the anomaly area due to the thick organic cover. Further work may include testing the soil anomaly with mechanical trenching and diamond drilling.

## Introduction

This report details the results of the exploration program carried out on the Falcon property in the Yukon Territory between June 10 and July 10, 1992. All work on the property in 1992 was conducted by Falconbridge contract and full-time staff. The 1992 exploration program consisted of detailed (1:5000 scale) geological mapping and lithochemical sampling using an orthophoto-controlled topographic base. Grid soil geochemical samples were collected along compass lines perpendicular to picketed baselines. The project focussed on exploration for stratiform "Nick Type" Ni-Zn-PGE sulphide mineralization.

## Location and Access

The Falcon property is located at 62° 35'N and 129° 45' W, approximately 140 km northeast of Ross River, Yukon Territory (Figure 1) within NTS claim sheet 105 I/12. The property lies approximately 80 km southeast of the Sheldon Lake airstrip, which is suitable for single engine and small twin engine aircraft. Access to the property is by helicopter from the Sheldon Lake airstrip accessible via the North Canal road from Ross River. The closest airport and supply point is the town of Ross River. The 1992 Nick exploration program was serviced by a Bell Jet Ranger II Helicopter based in Ross River and operated by Trans North Air of Whitehorse.

The claims lie 75 km northwest of the Cantung Highway and 8 km west of the Anniv sedex zinc-lead deposit at Howards Pass. A system of winter roads built from Cantung to Howards Pass to support drilling and underground exploration in the 1970's and early 1980's extends to within 4 km of the Falcon claims.

## History

The area was first staked in 1972 by Dynasty Exploration Ltd. (later Cyprus Anvil Mining Corp.). Grid geochemical sampling, geophysical surveys and limited diamond drilling was carried out between 1972 and 1974, although no mineralization was found.

The GSC carried out reconnaissance-scale (1982) and follow-up (1984) stream sediment and soil sampling in the area and discovered a large zone of mound-forming tufa carrying secondary zinc mineralization (smithsonite, zincian calcite and hemimorphite). Analyses of this material range up to 18.5% Zn and 0.9% Ni. The source was attributed to hydromorphic dispersion from a nearby undiscovered base metal deposit.

The Falcon claims were staked by NDU Resources Ltd. in March, 1990 based on geochemical and geological similarities with the Nick nickel-zinc sedex deposit in north-central Yukon. The property was optioned by Falconbridge Limited from NDU resources in June 1991. The 1991 exploration program was funded by Falconbridge Limited under the option agreement, and was carried out by Archer, Cathro and Associates (1981) Limited. This work consisted of geological mapping and soil sampling carried out between July 6-13 and August 14-18, 1991.

## **Regional Geology**

The Falcon property is located within the Selwyn Basin tectonic province (Figure 2). The Selwyn Basin is an epicratonic marine basin that formed due to subsidence accompanying rifting of the continental margin during the Early Paleozoic. Basinal sediments of calcareous, carbonaceous, and cherty shales were deposited across the basin between the Ordovician to Upper Devonian.

Tectonic compression caused by the Cretaceous Laramide Orogeny produced open to isoclinal folding throughout the basin. Regional metamorphism of the Lower Paleozoic Selwyn Basin sediments has been estimated as lower greenschist facies based on conodont CAI's (Norford and Orchard, 1982; Goodfellow and Jonasson, 1986) and on graptolite reflectance (Riedeger et al., 1989).

## **Property Geology**

### **Introduction**

The property geology consists of calcareous, starved basin Road River shales which are conformably overlain by Lower Earn cherty and carbonaceous shales. Fine to coarse grained clastic rocks and silty shales of the Upper Earn Group conformably overly shales of the Lower Earn. Property stratigraphy is outlined in table 1.

Outcrop exposures were excellent along mountain ridges and peaks, but absent in valley bottoms due to the accumulation of talus and glacial till. Lower and Upper Earn Group sediments dominate the outcrop geology throughout the property. Road River shale exposures are recessive and restricted to small subcrop mounds, even along mountain ridges. Unit thicknesses were difficult to establish due to tight isoclinal folding throughout the property.

Outcrop mapping was conducted using controlled orthophoto basemaps at 1:5000 and 1:10,000. Property compilation maps were constructed at 1:10,000 (Map Figures 1 and 2, back pocket). Outcrop locations were identified using map, compass and altimeter.

## Stratigraphy

### *Road River Group (Orovician to Lower Devonian)*

The Road River Group consists of medium grey green to buff pyritic, dolomitic shales and black carbonaceous graptolitic shales. Green to buff dolomitic shales contain 1 to 5% disseminated pyrite and in some cases thin pyritic laminae. Carbonaceous graptolitic shales were only found where cleavage partings are bedding parallel. The Road River group is overlain conformably by cherty and carbonaceous shales of the Lower Earn Group.

### *Lower Earn Group (Middle-Upper Devonian)*

The Lower Earn Group consists of variably interbedded black cherty and carbonaceous shales. Cherty shale beds vary from 2cm to 30cm in thickness, and sometimes contain graded silty grey laminae (best exposed on weathered surfaces). Carbonaceous shales are commonly interbedded with cherty shales and vary in thickness from 2mm to 2cm. Younging directions were established from graded silty laminae within the cherty shales. Silver grey weathering carbonaceous shales (7A) occur infrequently, and may be transitional to the overlying Upper Earn Group.

### *Upper Earn Group (Upper Devonian-Mississippian)*

Upper Earn Group stratigraphy consists of grey to medium brown fissile silty shales, medium grey graywacke, and chert pebble conglomerate. Silty shales and graywacke dominate the base of the Upper Earn stratigraphy in the map area, and are overlain by chert pebble conglomerate. Upper Earn shales are strongly fissile, weather orange-red, and commonly contain thin 1mm to 3mm light grey brown silty laminae. Greywacke consists of a dark gray fine grained sandstone with 30 to 40% sub-angular 0.5mm and smaller black and light grey fragments in a clay matrix. Greywacke grades upward to a characteristic Upper Earn chert pebble conglomerate. The conglomerate is dark grey and contains 40 to 60% sub-rounded to sub-angular light grey to black chert fragments (2mm to 10mm) in a fine grained variably silty to carbonaceous matrix.

## Structural Geology

The major structures in the Falcon area are a series of upright isoclinal folds with east-west trending fold axes. Axial planar cleavages vary with proximity to hinge zones and rock type. Cleavage is best developed in silty shales of the Upper Earn Group. Outcrop scale tight to isoclinal folds are common within Lower Earn interbedded cherty and carbonaceous shales, and probably developed due to ductility contrasts between the cherty and soft shale beds. Faulting was not identified on outcrop exposures or from topographic linears.

TABLE of FORMATIONS

Table 1

**UPPER EARN GROUP**  
(Upper Devonian to Mississippian)

9	<b>UNDIVIDED</b>
9A/B	<b>CLAY and SILTY SHALES:</b> Silver grey to dull greyish brown, strongly fissile, commonly with fine (1mm to 3mm) silty light grey to grey brown laminae. Weathers orange-red.
9K	<b>GRAYWACKE:</b> Dark grey, fine-grained sandstone, consisting predominantly of 30-40% 0.5mm and smaller black and light grey mineral fragments in a fine grained clay matrix. Mineral grains are generally sub-angular.
9L	<b>CONGLOMERATE:</b> Dark grey with 40-60% subrounded to sub-angular, light to medium grey chert fragments (2mm to 10mm) and minor amounts of black cherty shale fragments. Unidentified fragments include reddish-brown stained, vuggy, sub-rounded, soft and friable clasts. Matrix is fine grained, dark grey to black, and variably silty to carbonaceous.

**LOWER EARN GROUP**  
(Middle to Upper Devonian)

7	<b>UNDIVIDED</b>
7A	<b>CLAY SHALE:</b> Silver-grey weathering shale, strongly fissile, carbonaceous.
7Ach,cb	<b>CHERTY and CARBONACEOUS SHALE:</b> Black variably interbedded cherty and carbonaceous shales. Cherty beds exhibit conchoidal fracture and vary in thickness from 2cm to 30cm. Carbonaceous interbeds are generally well foliated, black, and 2mm to 2cm thick. Graded silty grey laminae were common within cherty layers.

**ROAD RIVER GROUP**  
(Ordovician to Lower Devonian)

5	<b>UNDIVIDED</b>
5A fr,cb	<b>SHALE:</b> Graptolitic, black, carbonaceous
5A/B do,py	<b>SHALE:</b> Medium grey green to buff dolomitic and pyritic, pyrite is finely disseminated to thinly laminated.

## Geochemistry

### Soils

#### *Introduction*

Geochemical soil sampling was undertaken as a follow up to Ni-Zn anomalous stream sediment and soil samples obtained by Archer-Cathro and Associates during the 1991 field season. The purpose of the sampling was to delineate anomalous Ni-Zn soil areas that may lead to Nick type sulphide mineralization. Three prospective survey areas were outlined and a total of 1342 soil samples were obtained. A total of 37.5 kilometres of grid was covered during the survey (Map Figures 4, 6, 8, and 10, back pocket). Sampling consisted of obtaining B horizon soils or humus (in the absence of soil) at a average sampling depth of 10cm using hand trowels and soil shovels. The samples were dried, sieved to minus 80 mesh, and then subjected to hot multi-acid digestion ICP at International Plasma Laboratories Ltd. of Vancouver. Samples were analyzed for nickel and zinc. Results are plotted on Map Figures 5, 7, 9, 11, and 13 (Back Pocket).

Due to the heavy forest cover in valley bottoms, baselines were cut to establish a reference for the soil sampling. Samples were obtained along non-surveyed lines perpendicular to baselines. Compass, topo-chain, dip inclinometers, and altimeters were used to identify sample locations along these lines. Samples were obtained every 25 metres along lines spaced 200 metres apart. A limited amount of contour soil sampling was undertaken on mountain sides devoid of forest cover.

#### *Results*

Histogram plots of the nickel and zinc from the soil surveys are shown in Figures 2 and 3. The histograms reveal strongly peaked distributions with a marked positive tail for both nickel and zinc. Based on the histograms, anomaly thresholds of 200 ppm Ni and 1000 ppm Zn were selected. Using the threshold values, a 1,400 metre x 200 metre soil anomaly was identified (Map Figure 7, back pocket) and contained maximum nickel values between 1440 to 2600 ppm and zinc values of 0.61% to 3.1%. These anomalies compare with maximum values of  $\pm 1000$  ppm Ni and 5000 ppm zinc in the vicinity of the vaesite horizon on the Nick property.

Follow-up work proved that the soil anomaly occurred within a large willow bog containing thick accumulations of organics. Hand trenches were attempted, but failed to penetrate to bedrock. The anomaly is interpreted to have formed from hydromorphic dispersion of background level Ni and Zn derived from the surrounding carbonaceous shales. Scavenging of the metals by organic metal fixation processes in the bog area is suggested to account for the highly anomalous metal values.

## Lithochemistry

### *Introduction*

Lithochemical sampling was carried out in an attempt to identify possible source rocks for the anomalous Ni-Zn stream sediments and soils obtained previously. Locations of rock samples are plotted on the geological maps (Map Figures 1 and 2, Back Pocket). The sampling focussed on carbon rich shales, anomalous Fe-stained fractures, and ferricrete mounds. A total of 97 rock samples were collected and analyzed for 17 elements at International Plasma Laboratories Ltd. of Vancouver. Samples were crushed to -150 mesh and analyzed for Ag, As, Ba, Cd, Co, Cu, Fe, Mn, Mo, Ni, P Pb, Se, V, and Zn by multi-acid digestion ICP. Sulphur and organic carbon ( $C^{org}$ ) were analyzed by traditional assay methods. Assay results are included in Appendix 1.

The lithochemical survey indicated that high carbon-rich shales ( $C^{org} > 1.5\%$ ) contained only background levels of nickel (20 ppm to 400 ppm) and background to weakly anomalous levels of zinc (5ppm to 4000ppm). The highest values obtained from the property occurred in ferricrete (sample VB06825), which contained 792 ppm nickel and 5276 ppm zinc. One small 5 metre long hand trench was completed across the Road River- Lower Earn contact (Map Figure 1, back pocket). Lithochemical samples of the overlying shales (VB06663, VB06664, and VB06808) did not reveal the presence of "Nick type" mineralization. Maximum values of 74 ppm Ni, 288 ppm Zn, and 2.53%  $C^{org}$  were returned from the sample trench.

### Results and Interpretation

The current model of deposition for stratiform "Nick type" Ni-Zn-PGE sulphide mineralization involves the discharge and subsequent ponding of hot hydrothermal fluids into sea-floor basins. The introduction of metalliferous fluids should stimulate biological activity and bacterial reduction of  $SO^4$  to sulphide (Hulbert et al, 1992). At the discovery locality on the Nick property, stratiform "Nick type" mineralization occurs near the contact between Road River and Lower Earn sediments. Associated with the sulphide mineralization is a unique underlying unit known as the limestone ball member, as well as transitional shales which overly Road River graptolitic shales.

Geological mapping at Falcon indicates that the majority of the property is covered by upper Lower Earn and Upper Earn sediments, although tight isoclinal folding has exposed small outcrops and sub-crop mounds of Road River group sediments. Lithochemical samples from one small hand trench at the Road River - Lower Earn contact did not reveal the presence of "Nick type" sulphide mineralization. In addition, Lower Earn Group sediments are typical of Lower Earn Group sediments throughout most of the Selwyn basin. The unique stratigraphic Limestone Ball unit found in association with " Nick type" sulphides was not identified.

The 1.4 Kilometre long soil anomaly (Map Figure 4, back Pocket) containing up to 2600 ppm nickel and 3.1% zinc compares with maximum values of  $\pm 1000$  ppm Ni and 5000ppm Zn in the vicinity of the vaesite horizon on the Nick property. Although extrapolation of local geology indicated that the anomalous area may occur near the Road River - Lower Earn contact, further follow-up work suggested that the anomalies occurred within willow bogs containing thick accumulations of organics. Hydromorphic dispersion of Ni and Zn from the surrounding carbonaceous shales and metal fixation processes from a scavenging organic component are interpreted to have produced the anomalous results.

*Respectfully submitted*

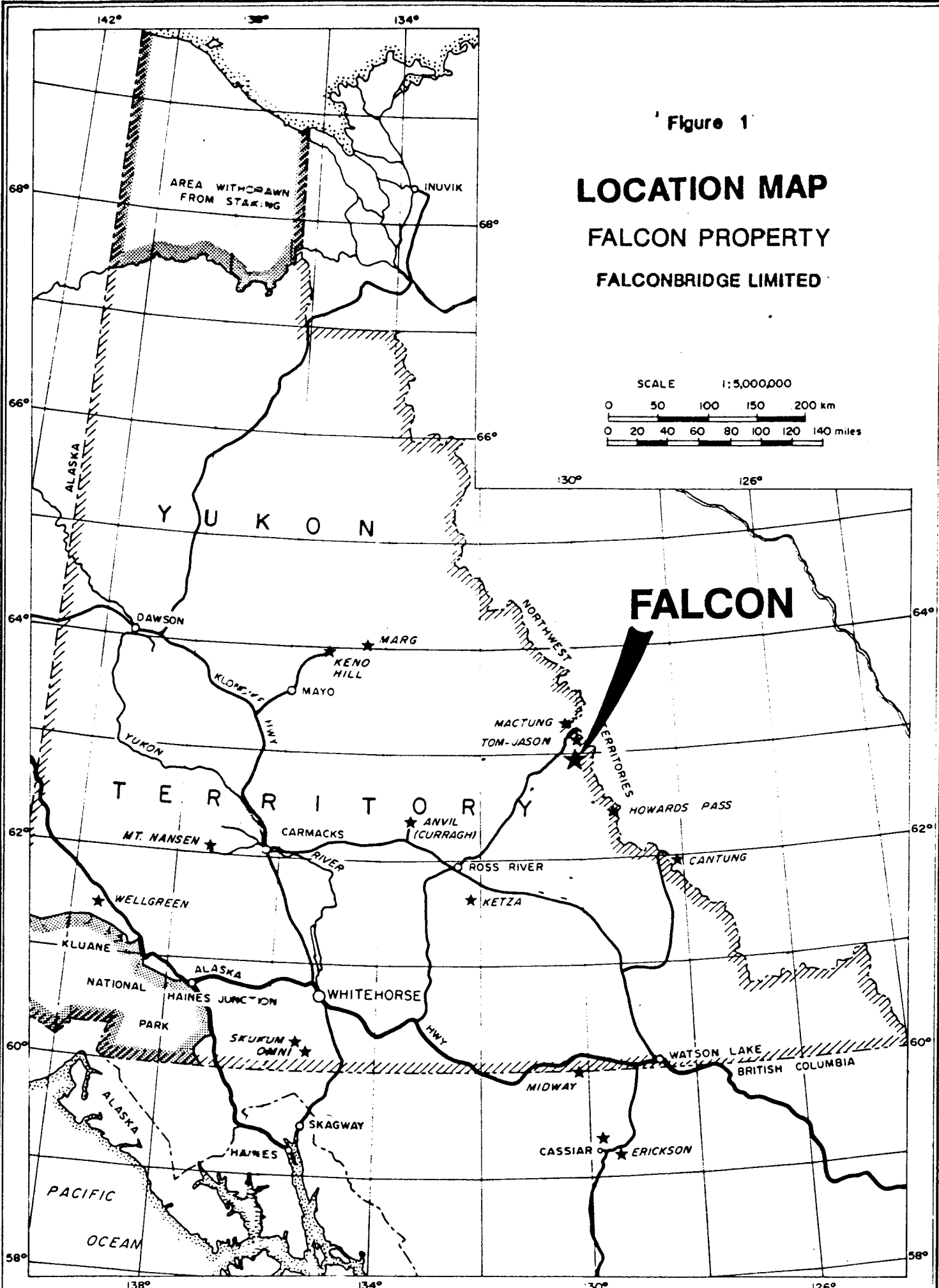
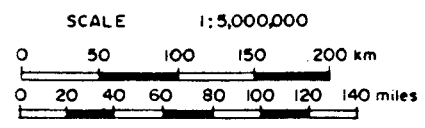
*Mark Edwards*

Figure 1

# LOCATION MAP

## FALCON PROPERTY

### FALCONBRIDGE LIMITED



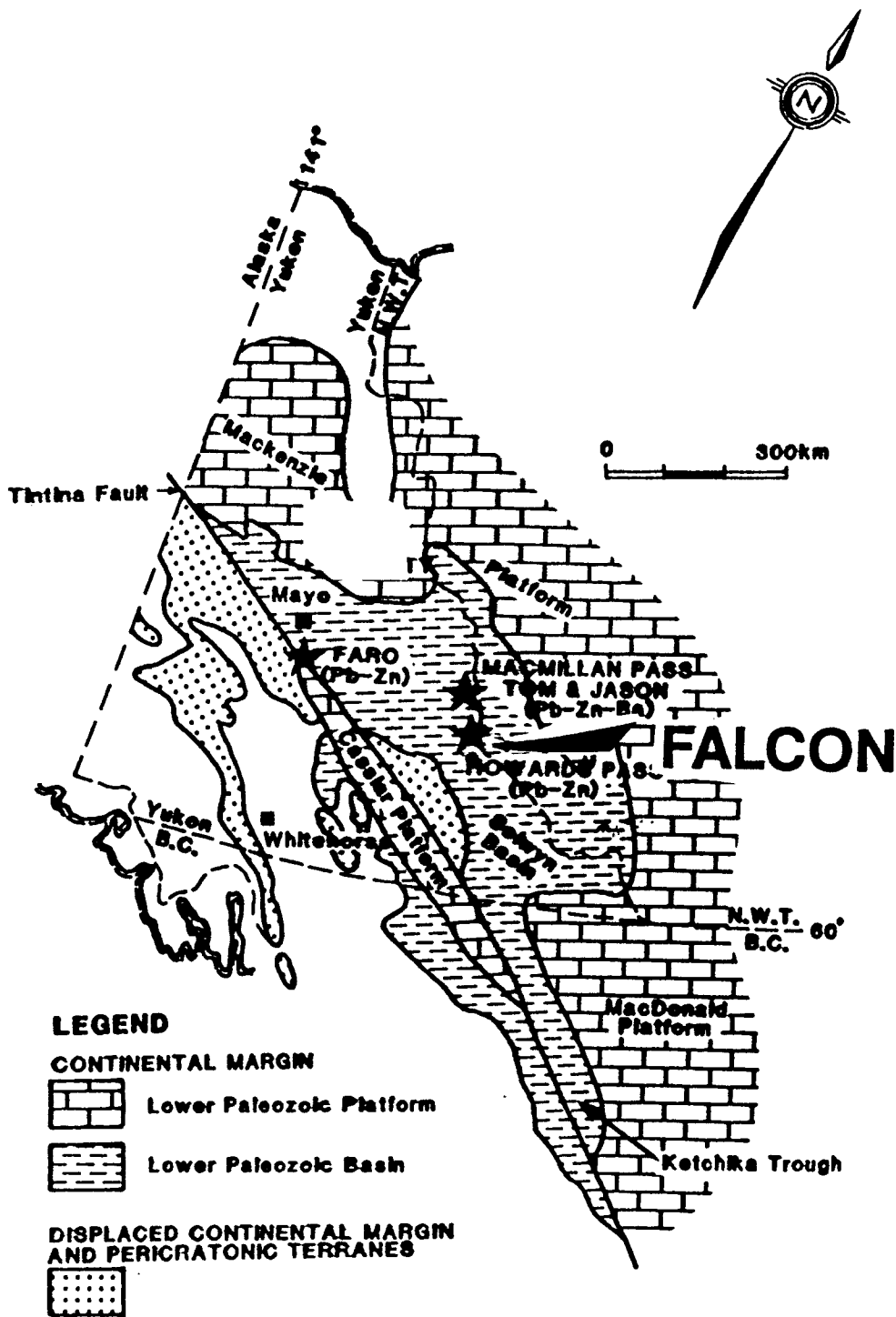
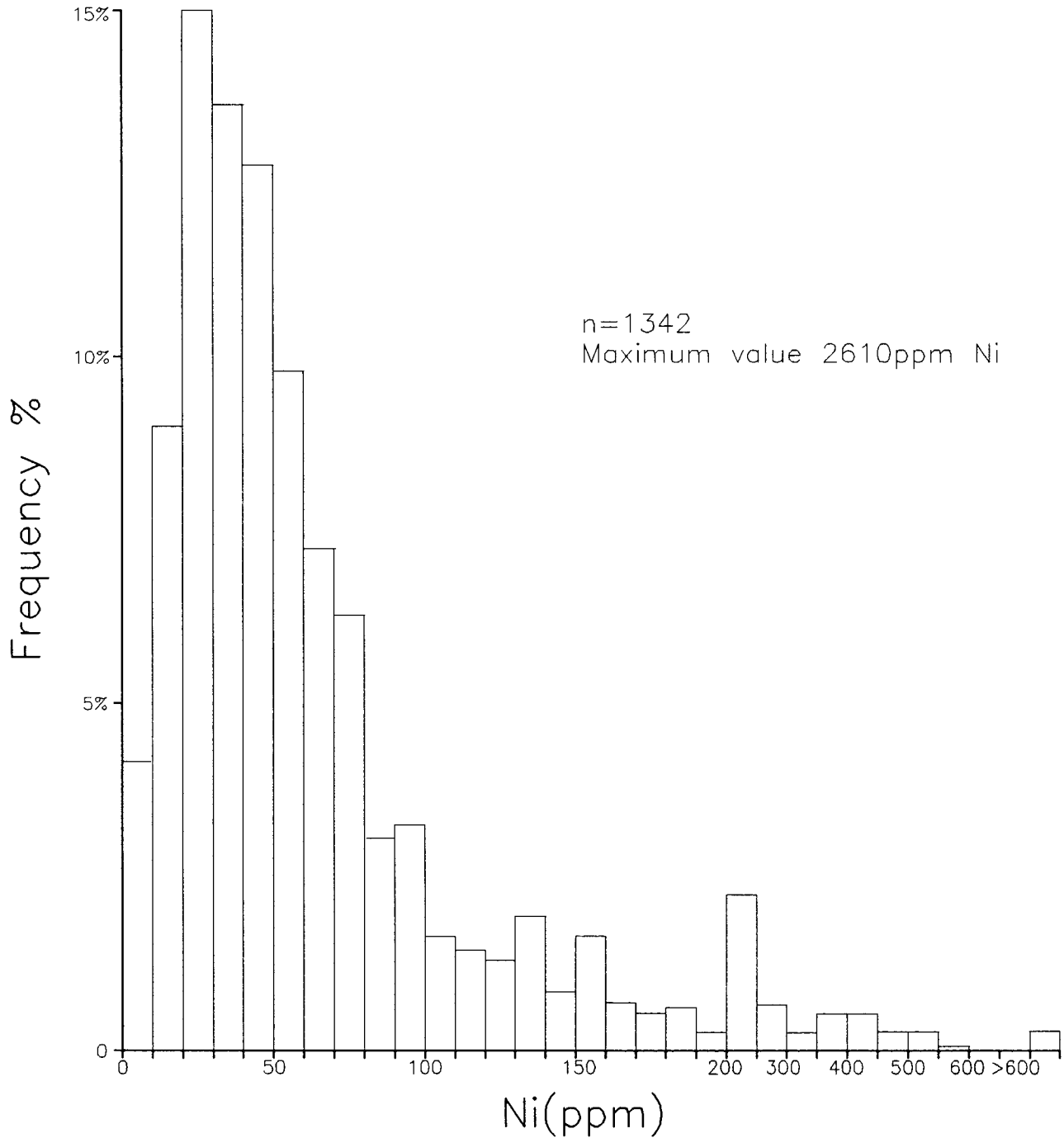


FIGURE 2

FALCONBRIDGE LIMITED		
<b>GEOLOGICAL SETTING</b>		
FALCON PROPERTY, YUKON		
SCALE	DRAWN	YAZ
DATE	NOVEMBER 1992	DATA BY
		SM

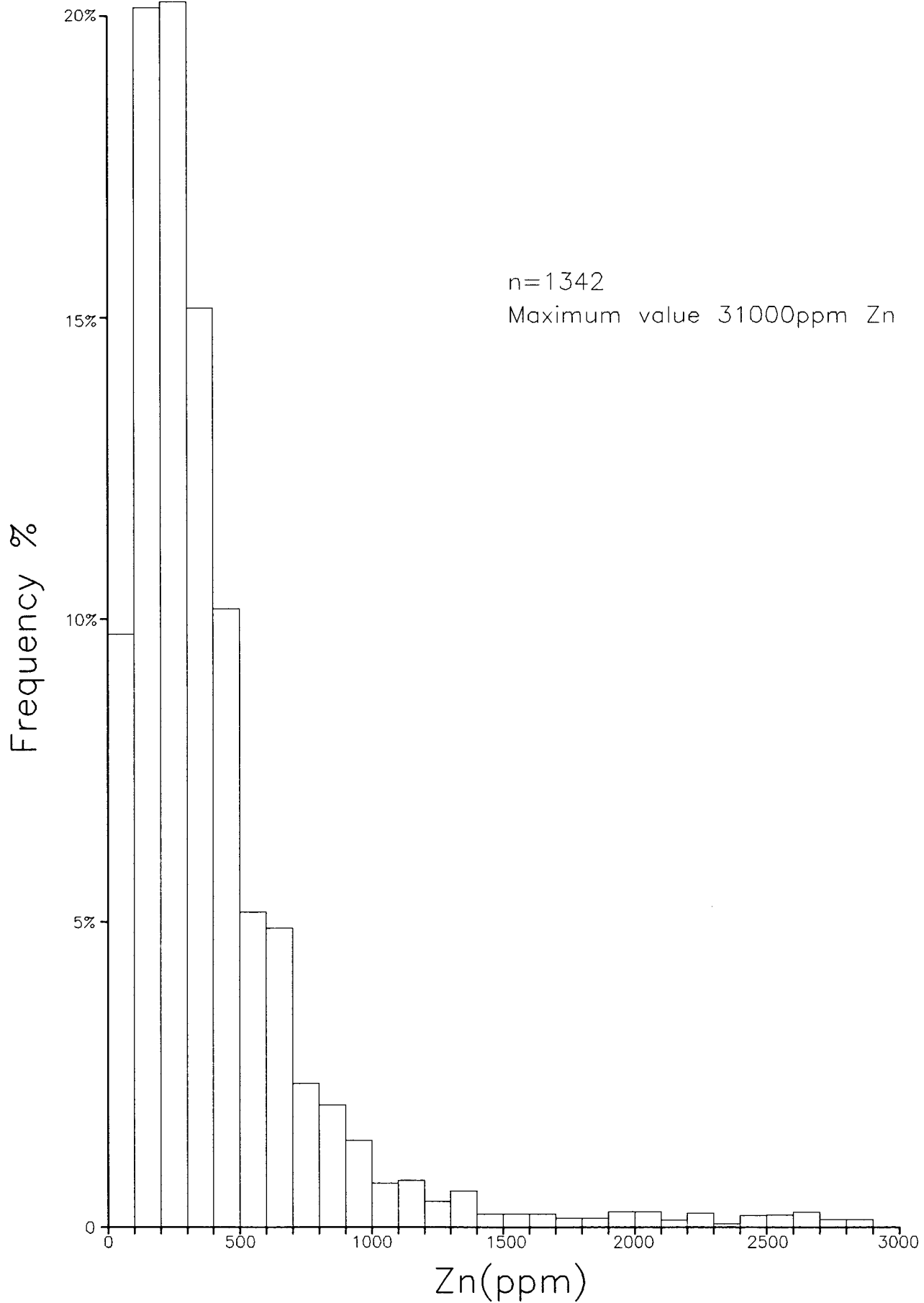
after Hubert et al(1992)

# Falcon Claims Nickel in Soils: Frequency Plot



# Falcon Claims

## Zinc in Soils: Frequency Plot

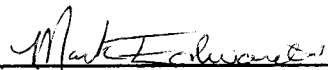


**APPENDIX I**  
**STATEMENT OF QUALIFICATIONS**

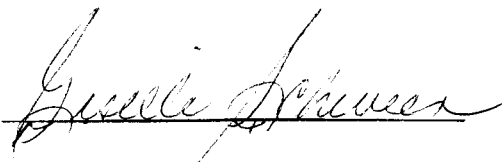
## STATEMENT OF QUALIFICATIONS

With regard to my report for Falconbridge Limited, I Mark D. Edwards of 155 Borebank Street, Winnipeg, Manitoba do certify that:

- 1) I am a graduate of The University of Regina (B. Sc., Honors Geology 1991);
- 2) I have been practising my profession continuously since February 1991;
- 3) I have no financial interest in the claims covered by this report nor do I expect to receive any interest.

  
\_\_\_\_\_  
Mark D. Edwards

Witne

  
\_\_\_\_\_

MARKSTMTQUAL

FALCON CLAIMS (PN 1-209)

STATEMENT OF EXPENDITURES FOR WORK CARRIED OUT ON THE FALCON  
PROPERTY IN 1992  
WATSON LAKE MINING DISTRICT

Geological Surveys

Salaries	\$ 31,905.58	
Travelling & Expenses	5,124.97	
Contract Payments	(120.55)	
Field Expenses	31,737.58	
Assays	<u>2,661.59</u>	
		\$ 71,309.17
Office and Administration 10%		<u>7,130.92</u>
Sub - total		\$ 78,440.09

Geochemical Surveys

Salaries	\$ 13,137.58	
Travelling & Expenses	-	
Contract Payments	15,440.54	
Field Expenses	15,108.05	
Assays	<u>5,963.24</u>	
		49,649.41
Office and Administration 10%		<u>4,964.94</u>
Sub - total		\$ 54,614.35

TOTAL EXPENDITURES \$ 133,054.44

CERTIFIED CORRECT



R. B. BAND P. Eng.  
Regional Exploration Manager

BAND\FLCNSTMT.CST



## APPENDIX II

### LIST OF PERSONNEL

<u>Name</u>	<u>Position</u>	<u>Period</u>
Peter Manojlovic	Project Geologist	June 10-18
Mark Edwards	Field Geologist	June 10-July 10
Stuart Miller	Field Geologist	June 10-24
Jason Weber	Field Assistant	June 10-30
Krystian von Fersen	Field Assistant	June 10-July 10
Scott Parker	Field Assistant	June 10-July 10
Ryan Kelly	Field Assistant	June 10-July 10

**APPENDIX III**

**GEOCHEMICAL CERTIFICATES**







INTERNATIONAL PLASMA LABORATORY LTD

2036 Columbia  
Vancouver, B.C.  
Canada V5Y 3E1  
Phone (604) 879-7878  
Fax (604) 879-7898

iPL Report: 92004381 Falconbridge Ltd.  
Project: 601 209

In: Jul 07, 1992  
Out: Jul 14, 1992 34 Rock

Page 1 of 1 Section 1 of 1  
Certified BC Assayer David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	S %	As ppm	As ppm	Mo ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	V ppm	Mn ppm	Fe %	P %	Se ppm	C Org %	Se ppm
VB06668	R 0.7	12	2	69	0.20	23	11.8	38	0.2	3	47	2179	803	21	0.50	0.01	15	5.09	15.7
VB06669	R 0.9	24	3	30	0.27	18	12.8	28	0.8	9	24	7851	878	22	0.56	0.01	26	1.61	28.3
VB06670	R 0.3	14	<	40	0.24	<	3.6	3	1.2	495	41	@ 67	220	18	0.09	0.18	12	1.41	3.6
VB06671	R 1.7	26	4	29	0.26	23	18.2	34	0.9	3	69	2031	0.2%	22	0.43	0.03	13	4.78	16.7
VB06672	R 1.4	226	<	3445	0.26	186	209.0	107	4.9	21	374	1894	0.2%	81	11.22	1.07	52	2.62	65.6
VB06673	R 0.1	15	<	13	10.86	9	7.8	6	0.1	16	10	@ 1.9%	131	3	0.15	0.05	<	0.12	2.4
VB06674	R 1.5	110	9	1747	1.07	25	25.2	24	12.4	82	154	@ 2.8%	256	245	3.95	1.15	5	1.54	5.3
VB06675	R 0.7	7	4	18	0.13	8	2.6	5	<	5	7	3002	191	20	0.44	0.01	<	0.54	4.1
VB06676	R 0.1	168	<	19	3.22	552	564.0	6	3.8	8	13	164	970	3	26.49	0.66	<	0.68	<
VB06677	R 2.5	148	6	315	0.40	75	63.0	102	0.1	8	389	727	0.5%	58	1.65	0.17	10	5.61	11.5
VB06678	R 0.3	6	<	6	12.05	7	5.8	9	<	12	2	@ 1.4%	70	2	0.09	0.01	<	0.17	7.1
VB06679	R 0.2	37	4	78	2.50	<	3.0	3	<	11	18	3371	91	53	3.35	0.01	<	0.09	0.5
VB06680	R 0.2	18	6	62	1.33	15	3.2	1	<	16	9	@ 1.1%	101	44	2.75	0.02	<	0.12	<
VB06681	R 2.4	701	2	99	0.58	231	264.0	63	1.6	8	61	6278	0.3%	13	6.07	0.73	41	4.38	52.2
VB06829	R 0.5	32	3	5	0.38	12	11.4	50	0.2	5	65	4342	0.1%	13	0.43	0.01	9	4.65	12.7
VB06830	R 1.5	46	6	48	0.57	23	19.8	24	2.8	5	84	3770	0.2%	13	0.50	0.08	10	5.99	13.9
VB06831	R 0.9	24	4	18	0.14	19	13.8	51	1.1	9	58	7755	0.2%	19	0.54	0.02	18	4.53	25.3
VB06832	R 0.6	39	11	20	0.14	12	13.0	15	0.3	3	30	2279	403	25	0.62	0.02	<	2.07	2.8
VB06833	R 1.7	22	5	19	0.59	33	22.8	130	1.5	12	144	@ 1.2%	0.3%	15	0.53	0.01	7	4.48	16.2
VB06834	R 0.2	139	3	865	0.06	15	8.6	6	<	23	83	4311	206	106	9.27	0.05	8	0.75	6.8
VB06835	R 0.8	8	10	68	0.05	12	7.0	3	<	6	21	3005	149	26	1.68	0.04	<	0.72	3.3
VB06836	R 0.4	40	12	147	0.05	14	9.6	4	<	14	35	8766	382	23	2.74	0.06	<	1.50	3.7
VB06837	R 1.3	6	124	10	0.34	21	14.0	18	<	15	17	@ 1.4%	0.1%	17	0.38	<	<	3.23	6.3
VB06838	R 0.1	32	3	86	0.26	14	11.6	17	2.6	4	39	2417	823	24	0.62	0.02	20	2.63	22.7
VB06839	R 0.7	136	9	420	0.19	15	13.8	30	1.5	8	71	1871	615	28	1.59	0.12	9	1.52	11.6
VB06840	R 0.3	184	5	319	0.08	7	9.2	6	1.0	7	57	1267	348	16	1.47	2.55	<	1.48	5.5
VB06841	R <	22	3	78	1.07	<	3.0	2	0.2	17	29	4686	86	324	3.23	0.02	<	0.06	<
VB06842	R 0.5	117	2	70	0.26	86	86.0	30	0.2	9	45	6703	663	28	4.24	0.90	30	3.04	34.2
VB06843	R 1.1	103	10	24	0.24	13	8.4	15	0.3	8	60	5160	0.1%	21	0.86	0.07	<	4.98	4.1
VB06844	R 1.1	49	3	9	0.20	8	8.0	21	0.1	2	30	789	446	28	0.59	0.02	<	1.50	2.9
VB06845	R 0.9	94	6	416	0.07	11	14.8	8	2.1	19	50	@ 1.2%	829	32	1.70	2.12	<	2.16	5.1
VB06846	R 0.7	82	20	471	0.06	29	34.8	8	4.8	21	109	4898	308	361	10.57	0.85	8	1.00	10.6
VB06847	R 0.1	37	7	57	0.77	6	5.0	2	<	16	12	9219	96	54	3.15	<	<	0.08	0.1
VB06848	R 1.1	329	2	486	0.04	5	14.2	7	3.8	13	66	6470	305	46	1.94	2.94	<	2.18	4.5

Min Limit 0.1 1 2 1 0.01 5 0.1 1 0.1 1 1 2 2 1 0.01 0.01 5 0.01 0.1  
 Max Reported\* 99.9 20000 20000 20000 100.00 9999 1000.0 9999 99.9 999 999 9999 999 9999 99.99 5.00 10000 100.00 1000.0  
 Method ICP ICP ICP ICP Assay ICP VGA ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP Assay VGA  
 ---No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate  
 International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898



INTERNATIONAL PLASMA LABORATORY LTD.

2036 Columbia  
 Vancouver, B.C.  
 Canada V5Y 3E1  
 Phone (604) 879-7878  
 Fax (604) 879-7898

iPL Report: 9200525 T Falconbridge Ltd.  
 Project: 601 209 Falcon

In: Jul 22, 1992  
 Out: Jul 27, 1992

17 Rock

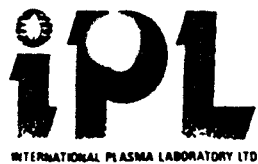
Page 1 of 1

Section 1 of 1  
 Certified BC Assayer

David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	S %	As ppm	As ppm	Mo ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	V ppm	Mn ppm	Fe %	P %	Se ppm	C Org %	Se ppm
VB 06901	R <	308	10	116	1.25	144	114.8	45	0.6	9	54	5364	941	12	7.98	0.35	63	0.32	66.2
VB 06902	R <	9	5	11	0.46	18	8.1	5	<	9	6	5885	266	17	0.69	0.01	5	1.30	2.6
VB 06903	R 1.2	46	<	973	0.44	28	23.6	39	3.6	7	49	5434	843	19	3.54	0.78	15	2.12	13.0
VB 06904	R <	27	5	15	0.41	26	20.6	82	<	6	101	5737	0.3%	11	0.44	0.04	8	7.57	21.0
VB 06905	R 0.1	85	<	273	0.04	<	0.3	4	<	37	58	4064	129	434	9.17	0.16	<	0.07	0.2
VB 06906	R <	85	6	36	0.37	25	21.7	47	0.3	6	44	5712	0.3%	15	0.63	0.04	12	3.37	12.3
VB 06907	R 1.9	100	3	97	0.73	52	44.2	48	5.2	7	56	6277	641	11	1.36	1.54	<	1.25	8.2
VB 06908	R <	178	<	49	2.48	26	20.6	45	5.2	5	26	4415	0.1%	8	0.56	0.30	11	2.17	11.6
VB 06909	R 0.5	85	5	21	0.11	56	45.6	36	0.9	4	19	2442	0.2%	22	0.69	0.21	<	1.17	5.9
VB 06910	R <	62	6	21	0.21	32	25.8	43	0.4	3	44	1998	0.1%	21	0.65	0.05	6	3.01	6.4
VB 06911	R 2.3	225	5	22	0.29	30	26.1	35	1.0	5	42	4323	0.4%	11	0.65	0.09	21	4.59	22.9
VB 06912	R 0.1	221	2	60	0.94	108	104.1	101	0.4	5	54	4586	0.4%	16	1.55	0.25	27	1.69	28.7
VB 06913	R 1.0	147	<	59	1.03	115	107.8	101	0.3	4	62	3266	0.2%	16	2.12	0.36	35	1.63	35.7
VB 06914	R 1.2	56	14	44	0.73	44	36.1	29	3.6	6	21	2906	0.1%	11	2.21	0.33	12	4.61	15.1
VB 06915	R <	60	5	523	0.21	24	18.4	18	<	14	62	6491	662	34	11.01	0.19	<	0.86	5.2
VB 06916	R 1.7	238	3	327	0.38	65	37.0	83	2.9	5	92	3515	0.3%	20	3.22	0.17	96	5.49	86.5
VB 06917	R 0.1	138	<	439	0.25	107	112.9	125	0.2	11	32	5096	0.1%	80	7.26	0.24	30	2.30	29.4

Min Limit 0.1 1 2 1 0.01 5 0.1 1 0.1 1 1 2 2 1 0.01 0.01 5 0.01 0.1  
 Max Reported\* 99.9 20000 20000 20000 100.00 9999 1000.0 9999 99.9 999 999 9999 999 9999 99.99 5.00 10000 100.00 1000.0  
 Method ICP ICP ICP ICP Assay ICP VGA ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP Assay VGA  
 ---No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate  
 International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898



2036 Columbia St  
 Vancouver, B.C.  
 Canada V5Y 3E1  
 Phone (604) 879-7878  
 Fax (604) 879-7898

iPL Report: 9200402 M Falconbridge Ltd.  
 Project: Faloon 601 209

In: Jun 26, 1992  
 Out: Jul 03, 1992

173 Soil

Page 1 of 1

Section 1 of 1

Certified BC Assayer

David Chiu

Sample Name	Ni ppm	Zn ppm	Sample Name	Ni ppm	Zn ppm	Sample Name	Ni ppm	Zn ppm	Sample Name	Ni ppm	Zn ppm	Sample Name	Ni ppm	Zn ppm
SA 22001	\$ 45	343	SA 22059	\$ 13	108	SA 22234	\$ 120	672	SA 22431	\$ 35	258	SA 22620	\$ 217	702
SA 22002	\$ 50	359	SA 22060	\$ 16	110	SA 22235	\$ 78	429	SA 22432	\$ 47	375	SA 22621	\$ 205	2094
SA 22003	\$ 100	833	SA 22061	\$ 30	220	SA 22236	\$ 97	646	SA 22433	\$ 52	446	SA 22622	\$ 17	85
SA 22004	\$ 58	407	SA 22062	\$ 99	500	SA 22237	\$ 139	843	SA 22434	\$ 87	818	SA 22623	\$ 10	43
SA 22005	\$ 27	211	SA 22063	\$ 128	460	SA 22238	\$ 55	296	SA 22435	\$ 42	352	SA 22624	\$ 3	17
SA 22006	\$ 31	273	SA 22064	\$ 34	176	SA 22239	\$ 83	529	SA 22436	\$ 35	311	SA 22625	\$ 10	45
SA 22007	\$ 37	282	SA 22201	\$ 78	360	SA 22240	\$ 38	179	SA 22437	\$ 30	213	SA 22626	\$ 10	48
SA 22008	\$ 46	414	SA 22202	\$ 103	534	SA 22241	\$ 67	328	SA 22450	\$ 15	75	SA 22627	\$ 8	37
SA 22009	\$ 355 <sup>K</sup>	3762	SA 22203	\$ 48	189	SA 22242	\$ 171	1319	SA 22451	\$ 21	134	SA 22628	\$ 4	38
SA 22020	\$ 52	410	SA 22204	\$ 70	275	SA 22243	\$ 46	336	SA 22452	\$ 27	105	SA 22629	\$ 24	126
SA 22021	\$ 47	395	SA 22205	\$ 16	94	SA 22244	\$ 93	530	SA 22453	\$ 67	478	SA 22630	\$ 54	417
SA 22022	\$ 98	718	SA 22206	\$ 50	248	SA 22245	\$ 82	499	SA 22454	\$ 69	443	SA 22631	\$ 33	285
SA 22023	\$ 50	377	SA 22207	\$ 258 <sup>K</sup>	1196	SA 22246	\$ 146	379	SA 22455	\$ 66	504	SA 22632	\$ 27	250
SA 22024	\$ 52	570	SA 22208	\$ 21	36	SA 22247	\$ 136	486	SA 22456	\$ 82	507	SA 22633	\$ 28	270
SA 22025	\$ 37	309	SA 22209	\$ 44	226	SA 22401	\$ 44	256	SA 22457	\$ 152	629	SA 22634	\$ 27	156
SA 22026	\$ 32	266	SA 22210	\$ 52	251	SA 22403	\$ 64	370	SA 22458	\$ 158	921	SA 22635	\$ 53	328
SA 22027	\$ 213	1179	SA 22211	\$ 75	331	SA 22404	\$ 19	130	SA 22459	\$ 118	700	SA 22636	\$ 16	155
SA 22028	\$ 71	631	SA 22212	\$ 134	760	SA 22405	\$ 29	183	SA 22460	\$ 41	288			
SA 22029	\$ 249	2002	SA 22213	\$ 142	737	SA 22406	\$ 39	247	SA 22461	\$ 207 <sup>K</sup>	1200			
SA 22030	\$ 430	645	SA 22214	\$ 136	672	SA 22411	\$ 45	380	SA 22462	\$ 71	433			
SA 22031	\$ 22	56	SA 22215	\$ 21	60	SA 22412	\$ 62	375	SA 22601	\$ 92	849			
SA 22032	\$ 30	176	SA 22216	\$ 17	102	SA 22413	\$ 59	387	SA 22602	\$ 61	323			
SA 22033	\$ 14	24	SA 22217	\$ 411 <sup>K</sup>	5377	SA 22414	\$ 56	377	SA 22603	\$ 28	156			
SA 22034	\$ 103	457	SA 22218	\$ 30	180	SA 22415	\$ 82	465	SA 22604	\$ 5	59			
SA 22035	\$ 29	112	SA 22219	\$ 41	225	SA 22416	\$ 47	353	SA 22605	\$ 23	148			
SA 22036	\$ 91	406	SA 22220	\$ 8	25	SA 22417	\$ 47	347	SA 22606	\$ 57	291			
SA 22037	\$ 126	768	SA 22221	\$ 15	73	SA 22418	\$ 49	365	SA 22607	\$ 59	299			
SA 22038	\$ 139	618	SA 22222	\$ 20	69	SA 22419	\$ 34	260	SA 22608	\$ 218 <sup>K</sup>	963			
SA 22039	\$ 140	615	SA 22223	\$ 9	33	SA 22420	\$ 38	272	SA 22609	\$ 42	231			
SA 22040	\$ 39	229	SA 22224	\$ 7	68	SA 22421	\$ 26	191	SA 22610	\$ 43	210			
SA 22041	\$ 128	1341	SA 22225	\$ 10	20	SA 22422	\$ 26	193	SA 22611	\$ 33	183			
SA 22042	\$ 83	663	SA 22226	\$ 10	33	SA 22423	\$ 58	635	SA 22612	\$ 5	62			
SA 22043	\$ 159	888	SA 22227	\$ 3	8	SA 22424	\$ 65	543	SA 22613	\$ 6	64			
SA 22053	\$ 33	280	SA 22228	\$ 354 <sup>K</sup>	3050	SA 22425	\$ 56	339	SA 22614	\$ 7	68			
SA 22054	\$ 41	305	SA 22229	\$ 71	410	SA 22426	\$ 52	320	SA 22615	\$ 6	72			
SA 22055	\$ 33	254	SA 22230	\$ 50	238	SA 22427	\$ 290 <sup>K</sup>	986	SA 22616	\$ 53	280			
SA 22056	\$ 39	286	SA 22231	\$ 18	65	SA 22428	\$ 9	54	SA 22617	\$ 6	79			
SA 22057	\$ 48	328	SA 22232	\$ 70	363	SA 22429	\$ 27	178	SA 22618	\$ 105	546			
SA 22058	\$ 29	203	SA 22233	\$ 52	303	SA 22430	\$ 21	177	SA 22619	\$ 34	305			

Min Limit 1 1 1 1 1 1 1 1  
 Max Reported\* 999 20000 999 20000 999 20000 999 20000 999 20000  
 Method ICP ICP ICP ICP ICP ICP ICP ICP

--Not Analysed ins=Insufficient Sample \*\*=Overlimit S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined \* =Estimate/1000 % =Estimate %



INTERNATIONAL PLASMA LABORATORY LTD

2036 Columbia Street  
 Vancouver, B.C.  
 Canada V5Y 3E1  
 Phone (604) 879-7878  
 Fax (604) 879-7898

iPL Report: 9200439 M Falconbridge Ltd.  
 Project: 603 209

In: Jul 07, 1992  
 Out: Jul 15, 1992

737 Soil

Page 1 of 5

Section 1 of 1  
 Certified BC Assayer

David Chiu

Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm
DA 7001	S	2920	293	SA 22074	S	3030	161	SA 22113	S	231	25
DA 7002	S	1354	132	SA 22075	S	706	94	SA 22114	S	204	29
DA 7003	S	2820	218	SA 22076	S	700	96	SA 22115	S	406	59
DA 7004	S	1993	189	SA 22077	S	429	57	SA 22116	S	242	37
DA 7005	S	265	55	SA 22078	S	604	58	SA 22117	S	573	48
DA 7006	S	2670	152	SA 22079	S	340	60	SA 22118	S	378	64
DA 7007	S	249	39	SA 22080	S	417	61	SA 22119	S	171	18
DA 7008	S	1878	168	SA 22081	S	170	22	SA 22120	S	139	21
DA 7009	S	730	76	SA 22082	S	168	18	SA 22121	S	157	22
DA 7010	S	1828	183	SA 22083	S	207	22	SA 22122	S	189	28
DA 7011	S	4220	428	SA 22084	S	176	20	SA 22123	S	189	29
SA 22010	S	105	12	SA 22085	S	172	20	SA 22124	S	160	23
SA 22011	S	199	26	SA 22086	S	207	27	SA 22125	S	197	22
SA 22012	S	290	33	SA 22087	S	148	18	SA 22126	S	194	25
SA 22013	S	113	16	SA 22088	S	552	108	SA 22127	S	1602	135
SA 22014	S	373	44	SA 22089	S	1138	153	SA 22128	S	2039	159
SA 22015	S	294	40	SA 22090	S	254	40	SA 22129	S	6220	496
SA 22016	S	180	24	SA 22091	S	128	58	SA 22130	S	2710	225
SA 22017	S	288	36	SA 22092	S	707	230	SA 22131	S	458	53
SA 22018	S	223	29	SA 22093	S	194	29	SA 22132	S	169	20
SA 22019	S	1115	156	SA 22094	S	472	61	SA 22133	S	347	47
SA 22044	S	287	31	SA 22095	S	259	38	SA 22134	S	650	84
SA 22045	S	316	37	SA 22096	S	76	9	SA 22135	S	483	64
SA 22046	S	384	46	SA 22097	S	99	10	SA 22136	S	605	75
SA 22047	S	109	12	SA 22098	S	176	15	SA 22137	S	343	55
SA 22048	S	64	9	SA 22099	S	719	94	SA 22138	S	915	149
SA 22049	S	92	13	SA 22100	S	201	28	SA 22139	S	210	30
SA 22050	S	66	12	SA 22101	S	197	24	SA 22140	S	197	31
SA 22051	S	64	10	SA 22102	S	482	81	SA 22141	S	247	31
SA 22052	S	172	20	SA 22103	S	249	44	SA 22142	S	132	22
SA 22065	S	331	29	SA 22104	S	242	45	SA 22143	S	131	21
SA 22066	S	574	55	SA 22105	S	384	74	SA 22144	S	86	14
SA 22067	S	510	53	SA 22106	S	352	153	SA 22145	S	123	26
SA 22068	S	640	66	SA 22107	S	130	16	SA 22146	S	129	19
SA 22069	S	402	40	SA 22108	S	138	18	SA 22147	S	145	18
SA 22070	S	1013	78	SA 22109	S	206	26	SA 22148	S	156	17
SA 22071	S	1963	120	SA 22110	S	157	18	SA 22149	S	177	20
SA 22072	S	1906	132	SA 22111	S	201	23	SA 22150	S	189	26
SA 22073	S	4010	179	SA 22112	S	339	48	SA 22151	S	185	23
SA 22152	S	172	11					SA 22152	S	172	11
SA 22153	S	104	12					SA 22153	S	104	12
SA 22154	S	151	17					SA 22154	S	151	17
SA 22155	S	117	7					SA 22155	S	117	7
SA 22156	S	112	9					SA 22156	S	112	9
SA 22157	S	286	48					SA 22157	S	286	48
SA 22158	S	204	21					SA 22158	S	204	21
SA 22159	S	122	18					SA 22159	S	122	18
SA 22160	S	183	24					SA 22160	S	183	24
SA 22161	S	227	21					SA 22161	S	227	21
SA 22162	S	242	20					SA 22162	S	242	20
SA 22163	S	205	18					SA 22163	S	205	18
SA 22164	S	223	23					SA 22164	S	223	23
SA 22165	S	312	50					SA 22165	S	312	50
SA 22166	S	281	47					SA 22166	S	281	47
SA 22167	S	189	28					SA 22167	S	189	28
SA 22168	S	215	35					SA 22168	S	215	35
SA 22169	S	233	35					SA 22169	S	233	35
SA 22170	S	352	66					SA 22170	S	352	66
SA 22171	S	290	49					SA 22171	S	290	49
SA 22172	S	166	24					SA 22172	S	166	24
SA 22173	S	267	44					SA 22173	S	267	44
SA 22174	S	199	29					SA 22174	S	199	29
SA 22175	S	287	46					SA 22175	S	287	46
SA 22176	S	253	40					SA 22176	S	253	40
SA 22177	S	185	30					SA 22177	S	185	30
SA 22178	S	317	55					SA 22178	S	317	55
SA 22179	S	288	70					SA 22179	S	288	70
SA 22180	S	241	39					SA 22180	S	241	39
SA 22181	S	345	56					SA 22181	S	345	56
SA 22182	S	244	41					SA 22182	S	244	41
SA 22183	S	884	100					SA 22183	S	884	100
SA 22184	S	482	64					SA 22184	S	482	64
SA 22185	S	234	37					SA 22185	S	234	37
SA 22186	S	96	16					SA 22186	S	96	16
SA 22187	S	510	58					SA 22187	S	510	58
SA 22188	S	504	65					SA 22188	S	504	65
SA 22189	S	435	56					SA 22189	S	435	56
SA 22190	S	375	53					SA 22190	S	375	53

Min Limit 1 1 1 1 1 1 1 1  
 Max Reported\* 1000 1000 1000 1000 1000 1000 1000 1000  
 Method Geo Geo Geo Geo Geo Geo Geo Geo

---No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 X=Estimate % Max=No Estimate  
 International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898



2036 Columbia St. et  
 Vancouver, B.C.  
 Canada V5Y 3E1  
 Phone (604) 879-7878  
 Fax (604) 879-7898

iPL Report: 9200439 M Falconbridge Ltd.  
 Project: 603 209

In: Jul 07, 1992  
 Out: Jul 15, 1992

737 So11

Page 2 of 5

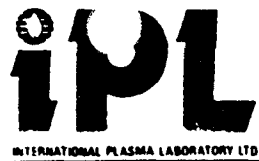
Section 1 of 1  
 Certified BC Assayer

*[Signature]*  
 David Chiu

Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm
SA 22191	S	817	102	SA 22277	S	311	52	SA 22316	S	1254	151
SA 22192	S	536	70	SA 22278	S	442	75	SA 22317	S	639	71
SA 22193	S	425	58	SA 22279	S	240	44	SA 22318	S	695	90
SA 22194	S	2420	295	SA 22280	S	352	47	SA 22319	S	2125	279
SA 22195	S	402	61	SA 22281	S	494	58	SA 22320	S	249	51
SA 22196	S	604	79	SA 22282	S	618	62	SA 22321	S	1032	154
SA 22197	S	640	97	SA 22283	S	1396	96	SA 22322	S	1266	178
SA 22198	S	740	110	SA 22284	S	5400	300	SA 22323	S	2640	426
SA 22199	S	589	96	SA 22285	S	1415	143	SA 22324	S	70	10
SA 22200	S	227	36	SA 22286	S	2620	224	SA 22325	S	164	36
SA 22248	S	491	72	SA 22287	S	570	81	SA 22326	S	168	36
SA 22249	S	411	64	SA 22288	S	874	140	SA 22327	S	70	10
SA 22250	S	654	96	SA 22289	S	1054	191	SA 22328	S	142	26
SA 22251	S	592	85	SA 22290	S	559	85	SA 22329	S	130	20
SA 22252	S	341	58	SA 22291	S	365	61	SA 22330	S	3300	417
SA 22253	S	220	38	SA 22292	S	535	87	SA 22331	S	993	203
SA 22254	S	355	52	SA 22293	S	124	25	SA 22332	S	176	42
SA 22255	S	2410	209	SA 22294	S	228	44	SA 22333	S	118	35
SA 22256	S	3170	244	SA 22295	S	164	35	SA 22334	S	194	38
SA 22257	S	4380	397	SA 22296	S	194	34	SA 22335	S	119	23
SA 22258	S	2980	227	SA 22297	S	142	30	SA 22336	S	160	27
SA 22259	S	2540	184	SA 22298	S	152	31	SA 22337	S	245	44
SA 22260	S	2750	197	SA 22299	S	183	41	SA 22338	S	347	72
SA 22261	S	600	70	SA 22300	S	721	94	SA 22339	S	324	55
SA 22262	S	220	37	SA 22301	S	878	101	SA 22340	S	376	112
SA 22263	S	201	39	SA 22302	S	360	61	SA 22341	S	364	61
SA 22264	S	444	77	SA 22303	S	103	26	SA 22342	S	549	79
SA 22265	S	200	41	SA 22304	S	457	86	SA 22343	S	726	93
SA 22266	S	157	31	SA 22305	S	156	27	SA 22344	S	475	66
SA 22267	S	180	34	SA 22306	S	178	34	SA 22345	S	452	76
SA 22268	S	128	30	SA 22307	S	131	26	SA 22346	S	271	50
SA 22269	S	262	48	SA 22308	S	186	41	SA 22347	S	361	62
SA 22270	S	350	44	SA 22309	S	59	11	SA 22348	S	483	98
SA 22271	S	570	84	SA 22310	S	354	69	SA 22349	S	370	74
SA 22272	S	611	75	SA 22311	S	298	65	SA 22350	S	446	105
SA 22273	S	282	46	SA 22312	S	248	54	SA 22351	S	498	113
SA 22274	S	241	34	SA 22313	S	613	135	SA 22352	S	366	67
SA 22275	S	351	60	SA 22314	S	2540	346	SA 22353	S	447	73
SA 22276	S	175	55	SA 22315	S	200	45	SA 22354	S	444	76
SA 22355	S	691	137					SA 22355	S	691	137
SA 22356	S	887	187					SA 22356	S	887	187
SA 22357	S	430	75					SA 22357	S	430	75
SA 22358	S	659	70					SA 22358	S	659	70
SA 22359	S	642	72					SA 22359	S	642	72
SA 22360	S	556	85					SA 22360	S	556	85
SA 22361	S	717	138					SA 22361	S	717	138
SA 22362	S	1426	202					SA 22362	S	1426	202
SA 22363	S	425	73					SA 22363	S	425	73
SA 22364	S	125	44					SA 22364	S	125	44
SA 22365	S	283	58					SA 22365	S	283	58
SA 22366	S	159	54					SA 22366	S	159	54
SA 22367	S	276	101					SA 22367	S	276	101
SA 22368	S	614	128					SA 22368	S	614	128
SA 22369	S	848	195					SA 22369	S	848	195
SA 22370	S	796	154					SA 22370	S	796	154
SA 22371	S	675	115					SA 22371	S	675	115
SA 22372	S	807	164					SA 22372	S	807	164
SA 22373	S	401	73					SA 22373	S	401	73
SA 22374	S	495	86					SA 22374	S	495	86
SA 22375	S	644	102					SA 22375	S	644	102
SA 22376	S	386	84					SA 22376	S	386	84
SA 22377	S	357	56					SA 22377	S	357	56
SA 22378	S	2560	361					SA 22378	S	2560	361
SA 22379	S	272	48					SA 22379	S	272	48
SA 22380	S	1115	204					SA 22380	S	1115	204
SA 22381	S	456	79					SA 22381	S	456	79
SA 22382	S	612	98					SA 22382	S	612	98
SA 22383	S	317	40					SA 22383	S	317	40
SA 22384	S	297	36					SA 22384	S	297	36
SA 22385	S	155	39					SA 22385	S	155	39
SA 22386	S	42	16					SA 22386	S	42	16
SA 22387	S	72	27					SA 22387	S	72	27
SA 22388	S	3110	267					SA 22388	S	3110	267
SA 22389	S	1207	148					SA 22389	S	1207	148
SA 22390	S	353	71					SA 22390	S	353	71
SA 22391	S	322	51					SA 22391	S	322	51
SA 22392	S	1161	150					SA 22392	S	1161	150
SA 22393	S	643	130					SA 22393	S	643	130

Min Limit 1 1 1 1 1 1 1 1  
 Max Reported\* 10000 10000 10000 10000 10000 10000 10000 10000  
 Method Geo Geo Geo Geo Geo Geo Geo Geo

---No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined \*Estimate/1000 X=Estimate % Max=No Estimate  
 International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898



2036 Columbia St  
 Vancouver, B.C.  
 Canada V5Y 3E1  
 Phone (604) 879-7878  
 Fax (604) 879-7898

iPL Report: 9200439 M Falconbridge Ltd.  
 Project: 603 209

In: Jul 07, 1992  
 Out: Jul 15, 1992 737 Soil

Page 3 of 5 Section 1 of 1  
 Certified BC Assayer

*[Signature]*  
 David Chiu

Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm				
SA 22394	S	1578	156	SA 22478	S	1416	118	SA 22517	S	2230	215	SA 22556	S	260	37
SA 22395	S	804	94	SA 22479	S	647	127	SA 22518	S	3580	250	SA 22557	S	443	80
SA 22396	S	509	59	SA 22480	S	178	29	SA 22519	S	5280	282	SA 22558	S	133	23
SA 22397	S	384	48	SA 22481	S	391	61	SA 22520	S	598	57	SA 22559	S	167	23
SA 22398	S	429	61	SA 22482	S	236	49	SA 22521	S	1502	127	SA 22560	S	380	41
SA 22399	S	464	71	SA 22483	S	218	40	SA 22522	S	428	53	SA 22561	S	2210	165
SA 22400	S	449	67	SA 22484	S	868	127	SA 22523	S	235	37	SA 22562	S	2000	167
SA 22402	S	166	28	SA 22485	S	201	37	SA 22524	S	351	69	SA 22563	S	367	61
SA 22407	S	122	26	SA 22486	S	360	85	SA 22525	S	93	18	SA 22564	S	247	22
SA 22408	S	275	46	SA 22487	S	118	26	SA 22526	S	85	16	SA 22565	S	1660	213
SA 22409	S	233	37	SA 22488	S	200	44	SA 22527	S	76	13	SA 22566	S	301	65
SA 22410	S	295	50	SA 22489	S	467	58	SA 22528	S	158	23	SA 22567	S	428	63
SA 22438	S	196	26	SA 22490	S	399	70	SA 22529	S	177	32	SA 22568	S	72	12
SA 22439	S	113	22	SA 22491	S	374	66	SA 22530	S	115	24	SA 22569	S	218	39
SA 22440	S	315	51	SA 22492	S	220	45	SA 22531	S	109	20	SA 22570	S	456	64
SA 22441	S	252	42	SA 22493	S	103	22	SA 22532	S	90	16	SA 22571	S	275	39
SA 22442	S	114	23	SA 22494	S	214	41	SA 22533	S	182	18	SA 22572	S	1278	193
SA 22443	S	250	38	SA 22495	S	124	33	SA 22534	S	966	133	SA 22573	S	422	60
SA 22444	S	177	28	SA 22496	S	193	40	SA 22535	S	152	27	SA 22574	S	482	78
SA 22445	S	2390	464	SA 22497	S	258	48	SA 22536	S	452	95	SA 22575	S	245	43
SA 22446	S	172	25	SA 22498	S	306	41	SA 22537	S	192	36	SA 22576	S	196	34
SA 22447	S	158	25	SA 22499	S	152	33	SA 22538	S	471	63	SA 22577	S	285	59
SA 22448	S	216	30	SA 22500	S	345	58	SA 22539	S	318	59	SA 22578	S	513	85
SA 22449	S	470	68	SA 22501	S	329	55	SA 22540	S	321	55	SA 22579	S	129	21
SA 22463	S	544	98	SA 22502	S	434	68	SA 22541	S	322	52	SA 22581	S	1347	137
SA 22464	S	420	85	SA 22503	S	261	39	SA 22542	S	294	49	SA 22582	S	445	51
SA 22465	S	429	84	SA 22504	S	305	61	SA 22543	S	884	130	SA 22583	S	406	74
SA 22466	S	599	97	SA 22505	S	87	22	SA 22544	S	465	76	SA 22584	S	517	71
SA 22467	S	3270	240	SA 22506	S	76	16	SA 22545	S	730	119	SA 22585	S	461	63
SA 22468	S	719	59	SA 22507	S	334	26	SA 22546	S	272	59	SA 22586	S	434	54
SA 22469	S	689	118	SA 22508	S	1622	158	SA 22547	S	552	71	SA 22587	S	504	74
SA 22470	S	297	48	SA 22509	S	260	43	SA 22548	S	230	38	SA 22588	S	412	69
SA 22471	S	2260	168	SA 22510	S	183	38	SA 22549	S	239	38	SA 22589	S	318	78
SA 22472	S	481	75	SA 22511	S	187	39	SA 22550	S	204	36	SA 22590	S	386	62
SA 22473	S	583	116	SA 22512	S	158	34	SA 22551	S	252	34	SA 22591	S	461	56
SA 22474	S	298	45	SA 22513	S	223	35	SA 22552	S	484	53	SA 22592	S	509	75
SA 22475	S	248	35	SA 22514	S	220	40	SA 22553	S	399	34	SA 22593	S	585	91
SA 22476	S	244	36	SA 22515	S	332	57	SA 22554	S	457	77	SA 22594	S	3160	376
SA 22477	S	3090	316	SA 22516	S	2630	174	SA 22555	S	364	65	SA 22595	S	638	98

Min Limit 1 1 1 1 1 1 1 1  
 Max Reported\* 10000 10000 10000 10000 10000 10000 10000 10000  
 Method Geo Geo Geo Geo Geo Geo Geo Geo

---No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Slit P=PuLP U=Undefined e=Estimate/1000 Z=Estimate % Max=No Estimate



INTERNATIONAL PLASMA LABORATORY LTD

2036 Columbia St  
 Vancouver, B.C.  
 Canada V5Y 3E1  
 Phone (604) 879-7878  
 Fax (604) 879-7898

iPL Report: 9200439 M Falconbridge Ltd.  
 Project: 603 209

In: Jul 07, 1992  
 Out: Jul 15, 1992  
 737 Soil

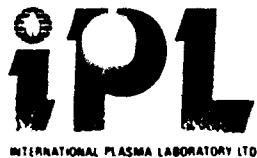
Page 4 of 5  
 Section 1 of 1  
 Certified BC Assayer

David Chiu

Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm
SA 22596	460	79	SA 22671	500	61	SA 22710	90	15	SA 22749	74	14
SA 22597	127	20	SA 22672	297	36	SA 22711	62	11	SA 22750	157	27
SA 22598	115	21	SA 22673	312	46	SA 22712	160	23	SA 22751	187	28
SA 22599	103	20	SA 22674	259	38	SA 22713	99	24	SA 22752	142	30
SA 22600	109	24	SA 22675	351	47	SA 22714	220	31	SA 22753	105	19
SA 22637	179	34	SA 22676	344	49	SA 22715	405	52	SA 22754	194	35
SA 22638	336	58	SA 22677	253	33	SA 22716	484	60	SA 22755	275	44
SA 22639	79	9	SA 22678	370	65	SA 22717	712	86	SA 22756	133	21
SA 22640	256	36	SA 22679	138	27	SA 22718	497	56	SA 22757	212	29
SA 22641	354	67	SA 22680	117	14	SA 22719	595	62	SA 22758	190	22
SA 22642	765	218	SA 22681	212	31	SA 22720	273	44	SA 22759	203	27
SA 22643	388	75	SA 22682	103	13	SA 22721	180	24	SA 22760	55	15
SA 22644	544	95	SA 22683	198	29	SA 22722	727	73	SA 22761	397	106
SA 22645	233	53	SA 22684	190	29	SA 22723	314	43	SA 22762	202	39
SA 22646	213	41	SA 22685	176	25	SA 22724	466	90	SA 22763	66	25
SA 22647	117	22	SA 22686	205	30	SA 22725	102	20	SA 22764	121	11
SA 22648	143	28	SA 22687	1670	136	SA 22726	96	22	SA 22765	93	9
SA 22649	166	32	SA 22688	4060	376	SA 22727	730	94	SA 22766	133	17
SA 22650	72	34	SA 22689	247	39	SA 22728	222	55	SA 22767	86	9
SA 22651	75	32	SA 22690	336	45	SA 22729	276	60	SA 22768	246	32
SA 22652	352	47	SA 22691	1299	159	SA 22730	189	30	SA 22770	322	44
SA 22653	302	41	SA 22692	861	85	SA 22731	948	181	SA 22771	189	30
SA 22654	1106	82	SA 22693	539	52	SA 22732	65	13	SA 22773	188	26
SA 22655	732	55	SA 22694	1158	105	SA 22733	202	32	SA 22774	91	15
SA 22656	4920	205	SA 22695	124	25	SA 22734	275	45	SA 22775	156	12
SA 22657	6140	386	SA 22696	294	44	SA 22735	543	69	SA 22777	273	28
SA 22658	62.9%	1920	SA 22697	362	38	SA 22736	493	62	SA 22779	448	73
SA 22659	63.1%	2430	SA 22698	1053	114	SA 22737	677	71	SA 22780	667	84
SA 22660	62.2%	1500	SA 22699	172	27	SA 22738	565	74	SA 22781	826	190
SA 22661	61.2%	1440	SA 22700	2650	205	SA 22739	91	12	SA 22782	2520	489
SA 22662	63.0%	2610	SA 22701	296	43	SA 22740	328	45	SA 22783	402	107
SA 22663	460	55	SA 22702	282	42	SA 22741	625	76	SA 22784	421	65
SA 22664	489	66	SA 22703	318	43	SA 22742	188	33	SA 22785	512	50
SA 22665	383	54	SA 22704	91	16	SA 22743	249	34	SA 22786	616	63
SA 22666	429	50	SA 22705	102	21	SA 22744	116	21	SA 22787	355	52
SA 22667	546	65	SA 22706	115	21	SA 22745	334	56	SA 22788	502	81
SA 22668	735	120	SA 22707	883	146	SA 22746	1163	117	SA 22789	401	61
SA 22669	988	128	SA 22708	1062	161	SA 22747	286	37	SA 22790	488	81
SA 22670	837	132	SA 22709	258	36	SA 22748	375	45	SA 22791	282	45

Min Limit 1 1 1 1 1 1 1 1  
 Max Reported\* 10000 10000 10000 10000 10000 10000 10000 10000  
 Method Geo Geo Geo Geo Geo Geo Geo Geo

—No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Slit P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate  
 International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898



INTERNATIONAL PLASMA LABORATORY LTD

2036 Columbia St  
 Vancouver, B.C.  
 Canada V5Y 3E1  
 Phone (604) 879-7878  
 Fax (604) 879-7898

iPL Report: 9200439 M Falconbridge Ltd.  
 Project: 603 209

In: Jul 07, 1992  
 Out: Jul 15, 1992

737 Soil

Page 5 of 5

Section 1 of 1  
 Certified BC Assayer

David Chiu

Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm
SA 22792	S	230	33	SA 23810	S	669	90	SA 26805	S	324	46
SA 22793	S	557	87	SA 23811	S	608	73	SA 26806	S	378	73
SA 22794	S	384	60	SA 23812	S	3730	219	SA 26807	S	64	10
SA 22795	S	439	77	SA 23813	S	329	51	SA 26808	S	227	43
SA 22796	S	378	56	SA 23814	S	1284	167	SA 26809	S	1026	188
SA 22797	S	422	66	SA 23815	S	992	174	SA 26810	S	1505	143
SA 22798	S	267	42	SA 23816	S	660	53	SA 26811	S	824	110
SA 22799	S	340	72	SA 23817	S	250	39	SA 26812	S	614	152
SA 22800	S	378	63	SA 23818	S	147	20	SA 26813	S	1234	228
SA 23601	S	469	75	SA 23819	S	558	42	SA 26814	S	363	91
SA 23602	S	602	86	SA 23820	S	193	29	SA 26815	S	331	99
SA 23603	S	829	131	SA 23821	S	619	88	SA 26816	S	403	133
SA 23604	S	387	48	SA 23822	S	1961	260	SA 26817	S	321	67
SA 23605	S	398	55	SA 23823	S	404	49	SA 26818	S	794	109
SA 23606	S	377	48	SA 23824	S	183	23	SA 26819	S	486	75
SA 23607	S	886	106	SA 23825	S	2240	517	SA 26820	S	966	152
SA 23608	S	251	42	SA 23826	S	2150	502	SA 26821	S	349	53
SA 23609	S	66	8	SA 23827	S	994	160	SA 26822	S	971	335
SA 23610	S	143	9	SA 23828	S	1096	112	SA 26823	S	278	69
SA 23611	S	106	16	SA 23829	S	204	28	SA 26824	S	1012	154
SA 23612	S	184	22	SA 23830	S	209	56	SA 26825	S	425	97
SA 23613	S	247	33	SA 23831	S	355	33	SA 26826	S	586	132
SA 23614	S	202	26	SA 23832	S	133	31	SA 26827	S	928	149
SA 23615	S	116	15	SA 23833	S	169	26	SA 26828	S	742	96
SA 23616	S	498	70	SA 23834	S	525	78	SA 26829	S	262	40
SA 23617	S	3430	423	SA 23835	S	175	26	SA 26830	S	286	39
SA 23618	S	356	61	SA 23836	S	247	29	SA 26831	S	423	66
SA 23619	S	619	129	SA 23837	S	174	39	SA 26832	S	615	91
SA 23620	S	205	21	SA 23838	S	167	25	SA 26833	S	641	74
SA 23621	S	638	122	SA 23839	S	441	68	SA 26834	S	416	59
SA 23801	S	195	27	SA 23840	S	643	87	SA 26835	S	450	67
SA 23802	S	161	23	SA 23841	S	144	22	SA 26836	S	266	41
SA 23803	S	613	142	SA 26401	S	364	60	SA 26837	S	231	36
SA 23804	S	3710	843	SA 26402	S	380	58	SA 26838	S	366	54
SA 23805	S	198	38	SA 26403	S	428	66	SA 26839	S	336	48
SA 23806	S	554	90	SA 26801	S	100	24				
SA 23807	S	2710	433	SA 26802	S	113	16				
SA 23808	S	341	44	SA 26803	S	80	14				
SA 23809	S	491	85	SA 26804	S	246	40				

Min Limit 1 1 1 1 1 1  
 Max Reported\* 10000 10000 10000 10000 10000 10000  
 Method Geo Geo Geo Geo Geo Geo

---No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined e=Estimate/1000 X=Estimate X Max=No Estimate  
 International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898



INTERNATIONAL PLASMA LABORATORY LTD

2036 Columbia Street  
Vancouver, B.  
Canada V5Y 3E1  
Phone (604) 879-7878  
Fax (604) 879-7898

iPL Report: 9200528 H Falconbridge Ltd.  
Project: 603 209 Falcon

In: Jul 22, 1992  
Out: Jul 28, 1992

429 Soil

Page 1 of 3

Section 1 of 1  
Certified BC Assayer

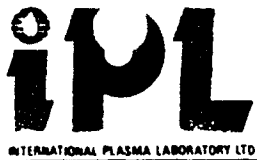
David Chiu

Sample Name	Zn	Ni	Sample Name	Zn	Ni	Sample Name	Zn	Ni	Sample Name	Zn	Ni	Sample Name	Zn	Ni	
	ppm	ppm		ppm	ppm		ppm	ppm		ppm	ppm		ppm	ppm	
SA 23622	S	118	24	SA 23661	S	246	42	SA 23700	S	1058	86	SA 23848	S	113	15
SA 23623	S	209	43	SA 23662	S	170	48	SA 23701	S	1011	98	SA 23849	S	58	8
SA 23624	S	97	17	SA 23663	S	307	41	SA 23702	S	149	31	SA 23850	S	126	23
SA 23625	S	64	7	SA 23664	S	243	33	SA 23703	S	95	15	SA 23851	S	130	22
SA 23626	S	52	6	SA 23665	S	200	27	SA 23704	S	191	27	SA 26404	S	421	48
SA 23627	S	62	8	SA 23666	S	224	35	SA 23705	S	367	55	SA 26405	S	440	54
SA 23628	S	109	21	SA 23667	S	172	27	SA 23706	S	490	94	SA 26406	S	505	83
SA 23629	S	141	21	SA 23668	S	234	38	SA 23707	S	1493	154	SA 26407	S	408	65
SA 23630	S	73	14	SA 23669	S	60	9	SA 23708	S	253	45	SA 26408	S	543	69
SA 23631	S	42	6	SA 23670	S	108	18	SA 23709	S	199	31	SA 26409	S	531	88
SA 23632	S	90	26	SA 23671	S	449	93	SA 23710	S	149	20	SA 26410	S	428	67
SA 23633	S	116	29	SA 23672	S	264	56	SA 23711	S	114	19	SA 26411	S	476	111
SA 23634	S	92	19	SA 23673	S	72	16	SA 23712	S	127	24	SA 26412	S	494	60
SA 23635	S	149	29	SA 23674	S	160	25	SA 23713	S	246	37	SA 26413	S	706	121
SA 23636	S	114	23	SA 23675	S	432	54	SA 23714	S	307	55	SA 26414	S	260	34
SA 23637	S	62	8	SA 23676	S	299	37	SA 23715	S	310	57	SA 26415	S	238	34
SA 23638	S	108	19	SA 23677	S	456	51	SA 23716	S	253	44	SA 26416	S	251	41
SA 23639	S	64	10	SA 23678	S	221	30	SA 23717	S	341	48	SA 26417	S	273	46
SA 23640	S	55	5	SA 23679	S	698	95	SA 23718	S	608	91	SA 26418	S	337	64
SA 23641	S	164	26	SA 23680	S	230	21	SA 23719	S	397	57	SA 26419	S	256	40
SA 23642	S	108	16	SA 23681	S	82	10	SA 23720	S	393	45	SA 26420	S	572	69
SA 23643	S	79	14	SA 23682	S	98	13	SA 23721	S	378	57	SA 26421	S	464	73
SA 23644	S	148	22	SA 23683	S	134	18	SA 23722	S	245	37	SA 26422	S	392	56
SA 23645	S	201	33	SA 23684	S	250	34	SA 23723	S	190	32	SA 26423	S	606	111
SA 23646	S	295	56	SA 23685	S	162	24	SA 23724	S	219	37	SA 26424	S	669	78
SA 23647	S	124	27	SA 23686	S	86	10	SA 23725	S	149	26	SA 26425	S	1823	311
SA 23648	S	277	46	SA 23687	S	312	49	SA 23726	S	133	23	SA 26426	S	1712	292
SA 23649	S	320	37	SA 23688	S	376	48	SA 23727	S	287	50	SA 26428	S	548	70
SA 23650	S	114	15	SA 23689	S	456	132	SA 23728	S	393	64	SA 26429	S	553	134
SA 23651	S	175	32	SA 23690	S	372	56	SA 23729	S	284	48	SA 26430	S	430	61
SA 23652	S	244	34	SA 23691	S	195	29	SA 23730	S	201	32	SA 26431	S	2403	219
SA 23653	S	311	47	SA 23692	S	118	17	SA 23731	S	240	38	SA 26432	S	4441	525
SA 23654	S	75	14	SA 23693	S	327	48	SA 23732	S	86	13	SA 26433	S	3269	327
SA 23655	S	107	18	SA 23694	S	143	16	SA 23842	S	346	47	SA 26434	S	296	26
SA 23656	S	96	39	SA 23695	S	131	20	SA 23843	S	464	56	SA 26435	S	725	80
SA 23657	S	51	10	SA 23696	S	81	14	SA 23844	S	243	38	SA 26436	S	1391	206
SA 23658	S	56	19	SA 23697	S	1033	50	SA 23845	S	497	68	SA 26437	S	263	39
SA 23659	S	53	11	SA 23698	S	190	28	SA 23846	S	324	42	SA 26438	S	129	22
SA 23660	S	64	11	SA 23699	S	6559	487	SA 23847	S	328	50	SA 26439	S	147	27

Min Limit	1	1	1	1	1	1	1
Max Reported*	20000	999	20000	999	20000	999	20000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 Z=Estimate X Max=No Estimate

International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898



INTERNATIONAL PLASMA LABORATORY LTD

2036 Columbia St  
 Vancouver, B.C.  
 Canada V5Y 3E1  
 Phone (604) 879-7878  
 Fax (604) 879-7898

iPL Report: 9200528 M Falconbridge Ltd.  
 Project: 603 209 Falcon

In: Jul 22, 1992  
 Out: Jul 28, 1992

429 Soil

Page 2 of 3

Section 1 of 1  
 Certified BC Assayer

David Chiu

Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm
SA 26479	\$	450 249	SA 26520	\$	904 110	SA 26562	\$	268 40	SA 26872	\$	347 67	SA 26911	\$	229 35
SA 26480	\$	219 76	SA 26521	\$	867 92	SA 26563	\$	1395 213	SA 26873	\$	230 41	SA 26912	\$	162 27
SA 26481	\$	251 62	SA 26522	\$	672 79	SA 26564	\$	358 40	SA 26874	\$	203 35	SA 26913	\$	228 41
SA 26482	\$	314 56	SA 26523	\$	672 83	SA 26565	\$	560 73	SA 26875	\$	305 50	SA 26914	\$	213 36
SA 26483	\$	377 79	SA 26524	\$	1369 152	SA 26566	\$	480 101	SA 26876	\$	269 45	SA 26915	\$	217 31
SA 26484	\$	160 25	SA 26525	\$	758 117	SA 26567	\$	293 66	SA 26877	\$	212 36	SA 26916	\$	272 53
SA 26485	\$	219 44	SA 26526	\$	783 123	SA 26568	\$	902 183	SA 26878	\$	102 15	SA 26917	\$	206 38
SA 26486	\$	346 58	SA 26527	\$	910 105	SA 26569	\$	416 76	SA 26879	\$	178 26	SA 26918	\$	238 42
SA 26487	\$	484 77	SA 26528	\$	631 76	SA 26841	\$	344 53	SA 26880	\$	531 78	SA 26919	\$	262 48
SA 26489	\$	724 117	SA 26529	\$	548 77	SA 26842	\$	250 39	SA 26881	\$	561 91	SA 26920	\$	255 46
SA 26490	\$	311 54	SA 26530	\$	232 35	SA 26843	\$	282 44	SA 26882	\$	79 28	SA 26921	\$	236 38
SA 26491	\$	211 53	SA 26531	\$	219 36	SA 26844	\$	237 38	SA 26883	\$	86 21	SA 26922	\$	138 23
SA 26492	\$	421 92	SA 26532	\$	123 19	SA 26845	\$	288 27	SA 26884	\$	98 22	SA 26923	\$	119 29
SA 26493	\$	257 51	SA 26533	\$	176 28	SA 26846	\$	127 19	SA 26885	\$	84 18	SA 26924	\$	157 28
SA 26494	\$	185 40	SA 26535	\$	186 31	SA 26847	\$	295 43	SA 26886	\$	113 25	SA 26925	\$	225 32
SA 26495	\$	334 72	SA 26536	\$	272 42	SA 26848	\$	302 46	SA 26887	\$	109 23	SA 26926	\$	232 33
SA 26496	\$	329 55	SA 26537	\$	357 61	SA 26849	\$	206 34	SA 26888	\$	99 19	SA 26927	\$	708 102
SA 26497	\$	424 46	SA 26540	\$	411 64	SA 26850	\$	433 64	SA 26889	\$	95 17	SA 26928	\$	839 178
SA 26498	\$	578 54	SA 26541	\$	323 50	SA 26851	\$	498 77	SA 26890	\$	126 18	SA 26929	\$	401 72
SA 26499	\$	353 55	SA 26542	\$	282 44	SA 26852	\$	594 80	SA 26891	\$	122 20	SA 26930	\$	380 63
SA 26500	\$	720 75	SA 26543	\$	140 27	SA 26853	\$	617 76	SA 26892	\$	238 34	SA 26931	\$	526 96
SA 26501	\$	728 79	SA 26544	\$	137 21	SA 26854	\$	437 57	SA 26893	\$	241 39	SA 26932	\$	396 79
SA 26502	\$	424 73	SA 26545	\$	510 72	SA 26855	\$	277 34	SA 26894	\$	267 65	SA 26933	\$	969 132
SA 26503	\$	360 52	SA 26546	\$	238 43	SA 26856	\$	147 24	SA 26895	\$	197 39	SA 26934	\$	391 51
SA 26504	\$	248 38	SA 26547	\$	196 32	SA 26857	\$	254 41	SA 26896	\$	258 50	SA 26935	\$	400 75
SA 26505	\$	349 59	SA 26548	\$	232 37	SA 26858	\$	209 32	SA 26897	\$	240 47	SA 26936	\$	318 48
SA 26506	\$	200 32	SA 26549	\$	279 42	SA 26859	\$	292 45	SA 26898	\$	328 50	SA 26937	\$	960 118
SA 26507	\$	290 50	SA 26550	\$	157 27	SA 26860	\$	329 49	SA 26899	\$	3484 429	SA 26938	\$	237 55
SA 26508	\$	300 46	SA 26551	\$	166 27	SA 26861	\$	263 41	SA 26900	\$	5277 599	SA 26939	\$	623 75
SA 26509	\$	405 63	SA 26552	\$	246 41	SA 26862	\$	384 55	SA 26901	\$	4768 518	SA 26940	\$	172 23
SA 26510	\$	454 69	SA 26553	\$	257 42	SA 26863	\$	313 44	SA 26902	\$	624 83	SA 26941	\$	672 80
SA 26511	\$	353 54	SA 26554	\$	278 47	SA 26864	\$	130 21	SA 26903	\$	1031 122	SA 26942	\$	330 55
SA 26512	\$	154 23	SA 26555	\$	231 40	SA 26865	\$	237 40	SA 26904	\$	759 90	SA 26943	\$	1720 227
SA 26513	\$	450 66	SA 26556	\$	269 46	SA 26866	\$	137 24	SA 26905	\$	941 100	SA 26944	\$	441 63
SA 26514	\$	271 37	SA 26557	\$	179 30	SA 26867	\$	257 39	SA 26906	\$	731 78	SA 26945	\$	308 44
SA 26515	\$	268 38	SA 26558	\$	170 27	SA 26868	\$	133 21	SA 26907	\$	564 66	SA 26946	\$	182 24
SA 26516	\$	248 33	SA 26559	\$	172 29	SA 26869	\$	296 43	SA 26908	\$	285 47	SA 26947	\$	279 42
SA 26517	\$	269 43	SA 26560	\$	328 42	SA 26870	\$	599 60	SA 26909	\$	537 88	SA 26948	\$	343 58
SA 26519	\$	223 36	SA 26561	\$	398 47	SA 26871	\$	631 60	SA 26910	\$	341 51	SA 26949	\$	245 54

Min Limit 1 1 1 1 1 1  
 Max Reported\* 20000 999 20000 999 20000 999 20000 999 20000 999  
 Method ICP ICP ICP ICP ICP ICP

---No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined =-Estimate/1000 Z=Estimate % Max=No Estimate  
 International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898



INTERNATIONAL PLASMA LABORATORY LTD.

2036 Columbia Street  
 Vancouver, B.C.  
 Canada V5Y 3E1  
 Phone (604) 879-7878  
 Fax (604) 879-7898

IPL Report: 9200528 H Falconbridge Ltd.  
 Project: 603 209 Falcon

In: Jul 22, 1992  
 Out: Jul 28, 1992  
 429 Soil

Page 3 of 3 Section 1 of 1  
 Certified BC Assayer  David Chiu

Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm	Sample Name	Zn ppm	Ni ppm
SA 26950	S	112 20												
SA 26951	S	183 33												
SA 26952	S	266 36												
SA 26953	S	298 40												
SA 26954	S	347 51												
SA 26955	S	419 59												
SA 26956	S	317 45												
SA 26957	S	194 22												
SA 26958	S	289 47												
SA 26959	S	474 74												
SA 26960	S	255 41												
SA 26961	S	326 47												
SA 26962	S	342 48												
SA 26963	S	334 51												
SA 26964	S	163 31												
SA 26965	S	133 23												
SA 26966	S	119 19												
SA 26967	S	232 45												
SA 26968	S	168 33												
SA 26969	S	238 49												
SA 26970	S	130 25												
SA 26971	S	358 53												
SA 26972	S	118 18												
SA 26973	S	158 26												
SA 26974	S	147 25												
SA 26975	S	83 13												
SA 26976	S	79 12												
SA 26977	S	125 21												
SA 26978	S	96 16												
SA 26979	S	206 32												
SA 26980	S	117 19												
SA 26981	S	337 76												
SA 26982	S	250 49												
SA 26983	S	233 56												
SA 26984	S	183 37												
SA 26985	S	228 38												
SA 26986	S	120 19												
SA 26987	S	188 34												
SA 26988	S	204 35												

Min Limit 1 1 1 1 1 1 1 1  
 Max Reported\* 20000 999 20000 999 20000 999 20000 999 20000 999  
 Method ICP ICP ICP ICP ICP ICP ICP ICP

--No Test Ins=Insufficient Sample S=Soil R=Rock C=Core L=Slit P=Pulp U=Undefined m=Estimate/1000 X=Estimate X Max=No Estimate  
 International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898



INTERNATIONAL PLASMA LABORATORY LTD

2036 Columbia St  
Vancouver, B.C.  
Canada V5Y 3E1  
Phone (604) 879-7878  
Fax (604) 879-7898

iPL Report: 9200724 T Falconbridge Ltd.  
Project: 209 Falcon

In: Sep 03, 1992  
Out: Sep 05, 1992

3 Soil

Page 1 of 1

Section 1 of 1  
Certified BC Assayer

  
David Chiu

Sample Name	Zn ppm	Ni ppm
SA 23141	S 1790	163
SA 23142	S 697	70
SA 23143	S 979	75

Min Limit 1 1  
Max Reported\* 20000 999  
Method ICP ICP

--No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 X=Estimate Z Max=No Estimate  
International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898

## APPENDIX IV

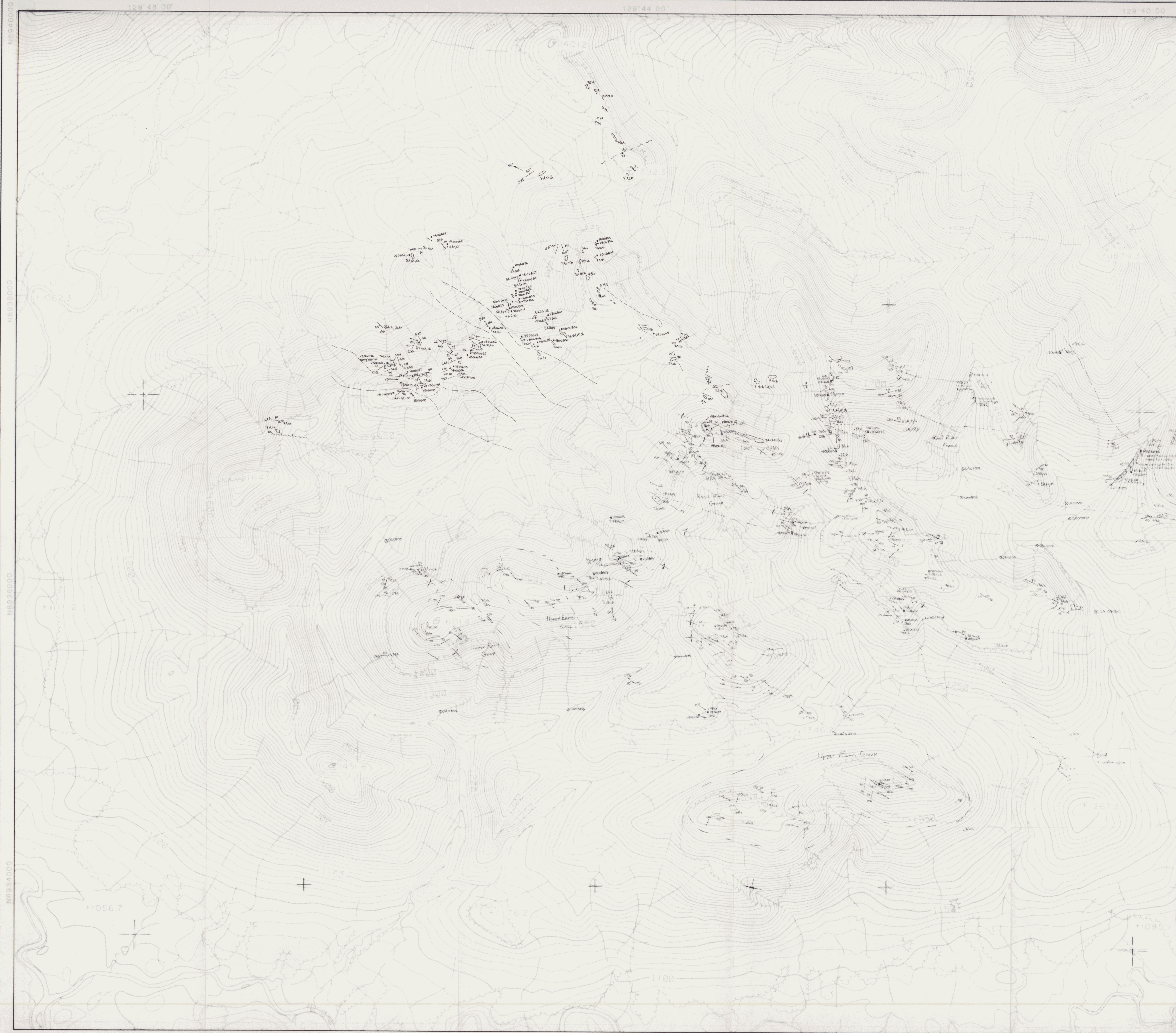
### REFERENCES

GOODFELLOW, W.D., AND JONASSON, I.R., 1986. Environment of formation of the Howards Pass (XY) Zn-Pb deposits, Selwin Basin, Yukon. *In* Mineral deposits of Northern Cordillera. *Edited by* J.A. Morin. CIM Special Volume, 37, p. 19-50.

HULBERT, L.H., GRÉGOIRE, D.C., PAKTUNC, D., AND CARNE, R.C., 1992. Sedimentary Nickel, Zinc, and Platinum-group-element Mineralization in Devonian Black Shales at the Nick Property, Yukon, Canada: A New Deposit Type, Exploration and Mining Geology, 1, p. 39-62.

NORFORD, B.S. AND ORCHARD, M.J., 1982. Early Silurian age of Pb-Zn Mineralization at Howards Pass, Yukon Territory and District of Mackenzie; review of local biostratigraphy of Road River Formation and Earn Group. Geological Survey of Canada, Paper 83-18, 16 p.

REIDEGER, C., GOODARZI, F., AND MACQUEEN, R.W., 1989. Graptolites as indicators of regional maturity in lower Paleozoic Sediments, Selwin Basin, Yukon and Northwest Territories, Canada. Canadian Journal of Earth Sciences, 26, p. 2003-2015.



**ROCK DESCRIPTIONS**

ba Barytic	do Dolomitic
bl Limestone Ball Textures	ex.br Brecciated
bn Bonded	fr Fossiliferous (incl. graptolites)
br Burrowed	ft Facies (metabasites)
bu Bituminous	na Nodular
ca Calcaneous	ph Phosphatic
cb Carbonaceous	py Pyritic (dis. to bonded)
cd Chalcedony filled vugs (replacing pyrite)	vh Voestie Horizon
ch Cherty	

**BEDDING QUALIFIERS**

la Laminated	(0.1cm to 1cm)
vt Very Thinly Bedded	(1cm to 3cm)
th Thinly Bedded	(3cm to 30cm)
tk Thickly Bedded	(>30cm)

**SYMBOLS**

	Geological Contact (observed, inferred, assumed)
	Normal Fault (Down-brown block; observed, inferred, assumed)
	Thrust Fault (Upper block; observed, inferred, assumed)
	Bedding Attitude (upright, overturned)
	Cleavage Attitude
	Fold Axis
	Anticline (upright, overturned)
	Syncline (upright, overturned)
	Mapped Outcrop
	Voestie Showing
	Blumen Showing
	Hand Trench (1989 or 1991)
	DWH Hole (1988-1989)
	Rock Sample Location

**Table of Formations**

**UPPER EGAN GROUP**  
(Upper Devonian to Mississippian)

9	UNDIVIDED
9A/B	CLAY and SILTY SHALES: Silver grey to dull greyish brown, strongly fissile, commonly with fine (1mm to 3mm) silty light grey to grey brown laminae. Weathers orange-red.
9K	GRANWICKE: Dark grey, fine-grained sandstone, consisting predominantly of 30-40% 0.5mm and smaller black and light grey mineral fragments in a fine grained clay matrix. Mineral grains are generally sub-angular.
9L	CONGLOMERATE: Dark grey with 40-60% subrounded to sub-angular, light to medium grey chert fragments (2mm to 10mm) and minor amounts of black cherty shale fragments. Unidentified fragments include reddish-brown stained, vuggy, sub-rounded, soft and friable clasts. Matrix is fine grained, dark grey to black, and variably silty to carbonaceous.

**LOWER EGAN GROUP**  
(Middle to Upper Devonian)

7	UNDIVIDED
7A	CLAY SHALE: Silver-grey weathering shale, strongly fissile, carbonaceous.
7Ach,cb	CHERTY and CARBONACEOUS SHALE: Black variably interbedded cherty and carbonaceous shales. Cherty beds exhibit conchoidal fracture and vary in thickness from 2cm to 30cm. Carbonaceous interbeds are generally well foliated, block, and 2mm to 2cm thick. Graded silty grey laminae were common within cherty layers.

**ROAD RIVER GROUP**  
(Ordovician to Lower Devonian)

5	UNDIVIDED
5A fr,cb	SHALE: Graptolitic, black, carbonaceous
5A/B	SHALE: Medium grey green to buff dolomitic and pyritic, pyrite is finely disseminated to thinly laminated.
5b,py	

**LEGEND**

**UPPER EGAN GROUP**  
(Upper Devonian to Mississippian)

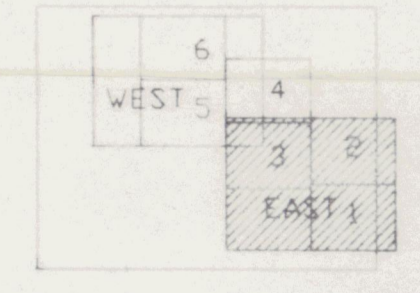
	undivided bedded shales
	clay shale with silty partings
	sandstone
	limestone
	chert
	cherty shale
	chert with conglomerate

**LOWER EGAN GROUP**  
(Middle to Upper Devonian)

	undivided bedded shales
	clay shale with silty partings
	sandstone
	limestone
	chert

**ROAD RIVER GROUP**  
(Ordovician to Lower Devonian)

	undivided bedded shales
	clay shale with silty partings
	sandstone
	limestone
	chert



**FALCONBRIDGE LIMITED**  
FALCON PROJECT  
Northwest Territories

**GEOLOGY AND SAMPLE LOCATIONS**  
(Results from June 22-29/92)

FAST SHEET *DWG 101*

DATE OF WORK:	JUNE 29/92	SCALE:	1 : 10,000
ORIGINAL BY:	ESL/CAT	DATE:	ES 1
REVISED BY:		DATE:	
APPROVED BY:		DATE:	
DRAWN BY:		DATE:	
PROJECT NUMBER:	209	CLAIMS:	N.T.S. NO. 105 I 12
		MAP #:	209-1

**FIGURE NO. 1**

**ROCK DESCRIPTIONS**

ba	Baityc	da	Dolomitic
bl	Limestone Bed Features	db	Brecciated
bm	Banded	fr	Fossiliferous (incl. graptolites)
br	Burrowed	ft	Feld (metachous)
bu	Bituminous	na	Nodular
ca	Calcareous	ph	Phosphatic
cb	Carbonaceous	py	Pyritic (3% to banded)
cd	Chalcodony filled vugs (replacing part)	vh	Voeste Horizon
ch	Cherty		

**BEDDING QUALIFIERS**

la	Laminated	(0.1cm to 1cm)
vt	Very Thinly Bedded	(1cm to 3cm)
th	Thinly Bedded	(3cm to 30cm)
tk	Thickly Bedded	(>30cm)

**SYMBOLS**

	Geological Contact (observed, inferred, assumed)
	Normal Fault (down-brown block; observed, inferred, assumed)
	Thrust Fault (upper block; observed, inferred, assumed)
	Bedding Attitude (upright, overturned)
	Cleavage Attitude
	Fold Axis
	Anticline (upright, overturned)
	Syncline (upright, overturned)
	Mapped Outcrop
	Voeste Showing
	Blumen Showing
	Hand Trench (1989 or 1991)
	Drill Hole (1988-1989)
	Rock Sample Location

**Table of Formations**

**UPPER EARN GROUP**  
(Upper Devonian to Mississippian)

**9 UNDIVIDED**

**9A/B CLAY and SILTY SHALES:**  
Silver grey to dull greyish brown, strongly fissile, commonly with fine (1mm to 2mm) silty light grey to grey brown laminae. Weathers orange-red.

**9K GRAYWACKE:**  
Dark grey, fine-grained sandstone, consisting predominantly of 30-40% 0.5mm and smaller black and light grey mineral fragments in a fine grained clay matrix. Mineral grains are generally sub-angular.

**9L CONGLOMERATE:**  
Dark grey with 40-60% subrounded to sub-angular, light to medium grey chert fragments (2mm to 10mm) and minor amounts of black cherty shale fragments. Unidentified fragments include reddish-brown stonies, waxy, sub-rounded, soft and friable clasts. Matrix is fine grained, dark grey to black, and variably silty to carbonaceous.

**LOWER EARN GROUP**  
(Middle to Upper Devonian)

**7 UNDIVIDED**

**7A CLAY SHALE:**  
Silver-grey weathering shale, strongly fissile, carbonaceous.

**7AChCb CHERTY and CARBONACEOUS SHALE:**  
Black variably interbedded cherty and carbonaceous shales. Cherty beds exhibit conchoidal fracture and vary in thickness from 2cm to 30cm. Carbonaceous interbeds are generally well isolated, black, and 2mm to 2cm thick. Graded silty grey laminae were common within cherty layers.

**ROAD RIVER GROUP**  
(Ordovician to Lower Devonian)

**5 UNDIVIDED**

**5A frCb SHALE:**  
Crystalline, black, carbonaceous

**5A/B doAy SHALE:**  
Medium grey green to buff dolomitic and pyritic, partly to finely disseminated to thinly laminated.

**LEGEND**

**9 UPPER EARN GROUP**  
(Upper Devonian to Mississippian)

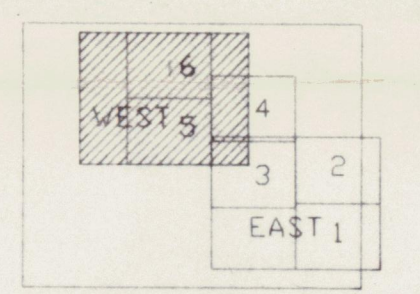
Undivided Sediments  
Clay Shale >25% clay particles  
Silt Shale <25% clay particles  
Sandstone  
Limestone  
Dolomite  
Chert

**7 LOWER EARN GROUP**  
(Middle to Upper Devonian)

Undivided Sediments  
Clay Shale >25% clay particles  
Silt Shale <25% clay particles  
Sandstone  
Limestone  
Dolomite  
Chert

**5 ROAD RIVER GROUP**  
(Ordovician to Lower Devonian)

Undivided Sediments  
Clay Shale >25% clay particles  
Silt Shale <25% clay particles  
Sandstone  
Limestone  
Dolomite  
Chert



**FALCONBRIDGE LIMITED**  
**FALCON PROJECT**  
Northwest Territories  
**GEOLOGY AND SAMPLE LOCATIONS**

WEST SHEET DWG 100

DATE OF WORK:	1991	0 250 500 750 1000 M
ORIGINAL BY: ARCH/CATH	DATE: 1991	SCALE 1 : 10,000
REVISED BY:	DATE:	
APPROVED BY:	DATE:	CLAMS: FIGURE NO:
DRAWN BY:	DATE:	N.T.S. NO: 105 I 12 FIGURE 2
PROJECT NUMBER:	209	MAP #: 209 - -

# SHEET 105-1-12

LATITUDE 62°30' To 62°45'  
LONGITUDE 129°30' To 130°00'

CANADA  
DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES  
NORTHERN ADMINISTRATION BRANCH  
RESOURCES DIVISION

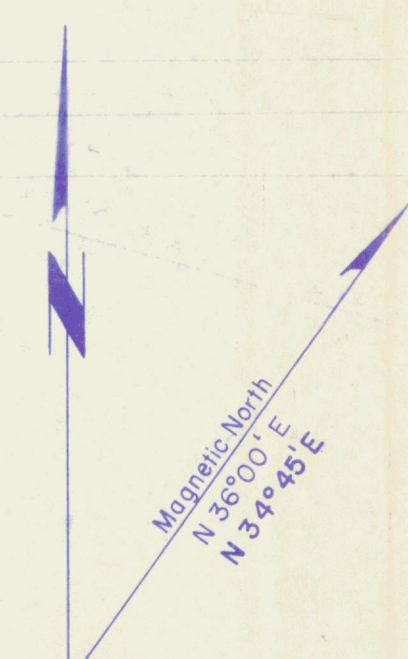
SCALE: 1/2 MILE TO 1 INCH

FT. 1500 0 1500 3000 4500 6000 7500 9000 10500 FT.

ISSUED UNDER THE AUTHORITY OF THE MINISTER  
OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

093367

FIGURE 3



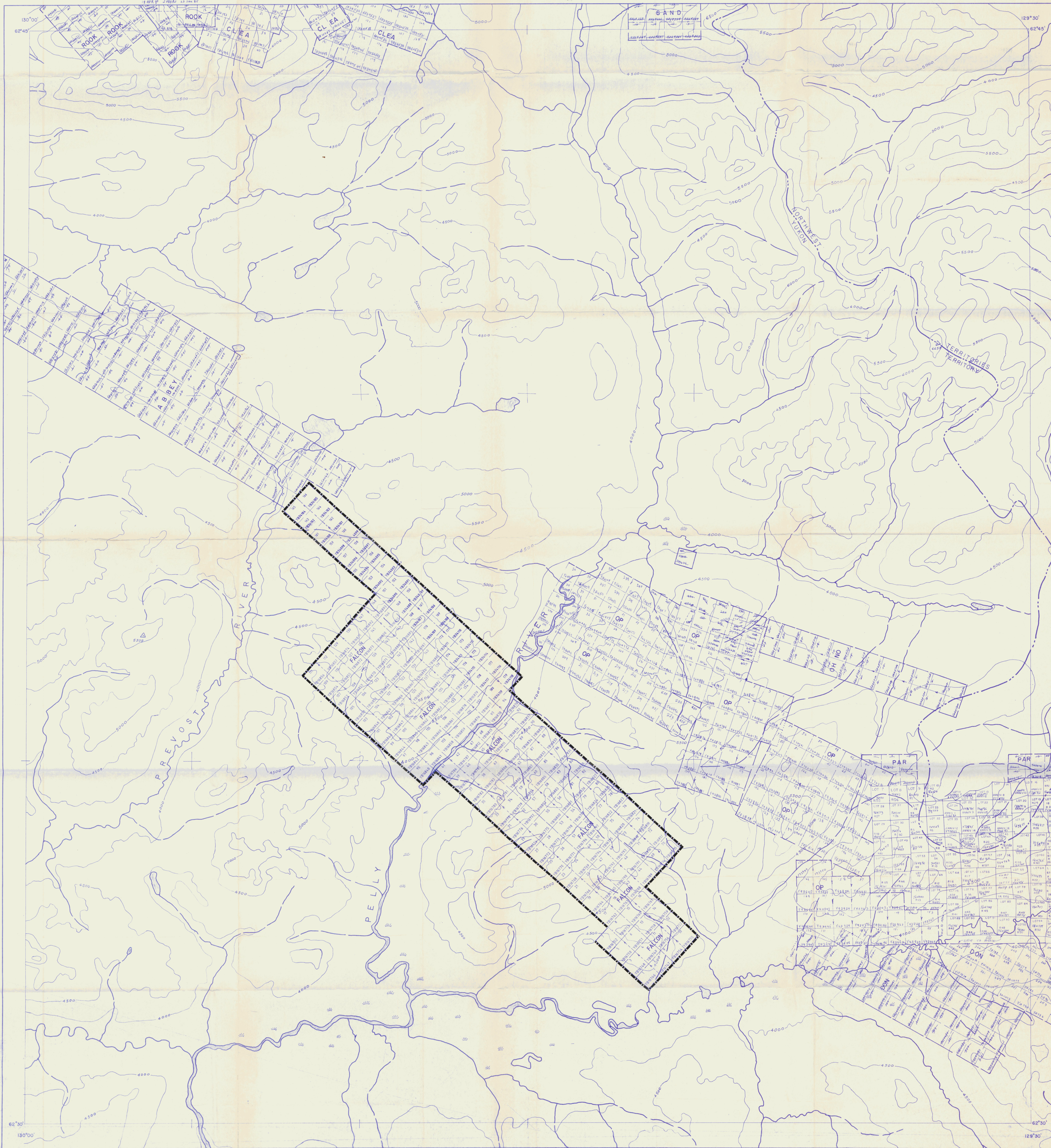
105-1-6	105-1-13	105-1-14
105-1-9	105-1-12	105-1-11
105-1-8	105-1-5	105-1-6

## NOTICE

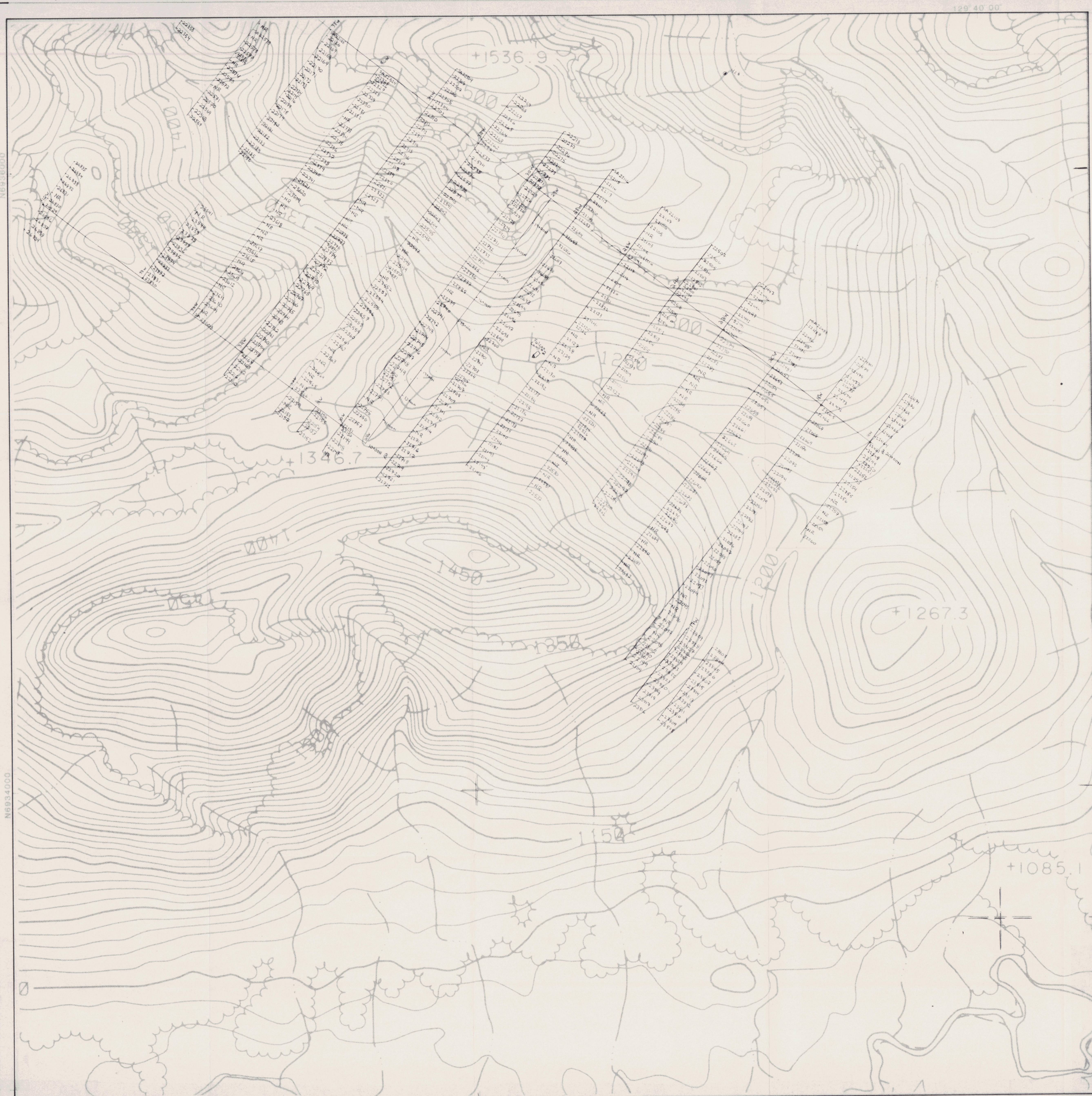
THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH THE DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER.

25 MAY 79  
12 DEC. 72  
27 OCT. 65  
WHITEHORSE 1 Sept. 60 20 July 79

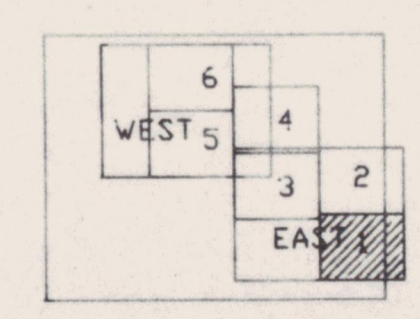
REVISED 22 JULY 91  
23 MAY 90  
23 FEB 89  
12 FEB 88  
23 JAN 87  
21 NOV 85  
20 NOV 84  
18 NOV 83  
17 NOV 82  
16 NOV 81  
15 NOV 80  
14 NOV 79  
13 NOV 78  
12 NOV 77  
11 NOV 76  
10 NOV 75  
9 NOV 74  
8 NOV 73  
7 NOV 72  
6 NOV 71  
5 NOV 70  
4 NOV 69  
3 NOV 68  
2 NOV 67  
1 NOV 66  
30 OCT 65  
29 OCT 64  
28 OCT 63  
27 OCT 62  
26 OCT 61  
25 OCT 60



PRICE ONE DOLLAR



NR - No results due to snow, frozen ground, swamp and/or creek



**FALCONBRIDGE LIMITED**  
 NORTHWEST TERRITORIES  
**FALCON PROJECT**  
 NORTHWEST TERRITORIES  
**SOIL GEOCHEMISTRY**  
 SAMPLE LOCATIONS  
 SHEET 1 DWG 103

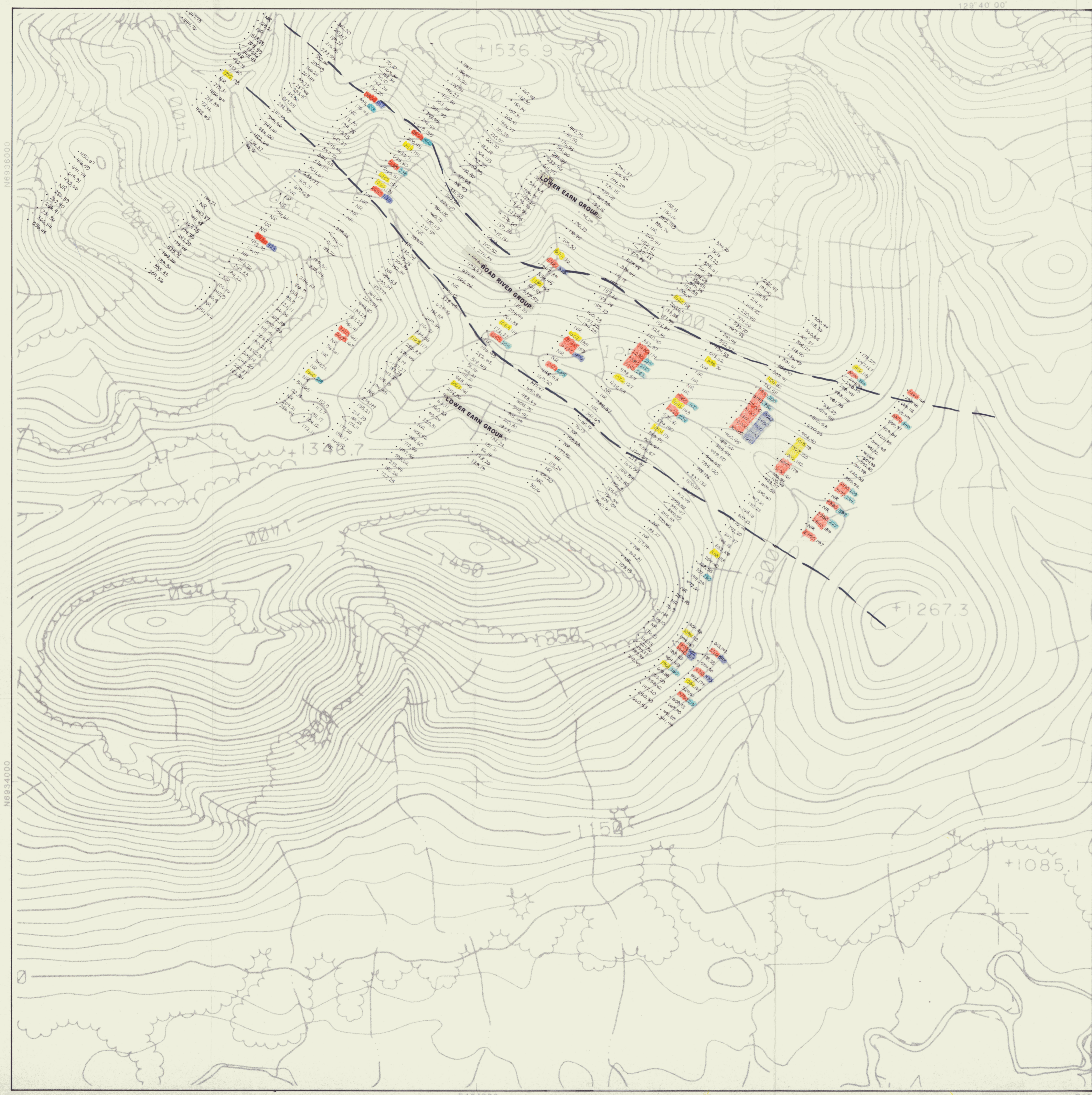
DATE OF WORK: 1991  
 ORIGINAL BY: ARCH/CATH DATE: 1991  
 REVISED BY: DATE: \_\_\_\_\_  
 APPROVED BY: DATE: \_\_\_\_\_  
 DRAWN BY: DATE: \_\_\_\_\_  
 PROJECT NUMBER: 209

SCALE 1 : 5,000  
 0 250 500 750 1000 M

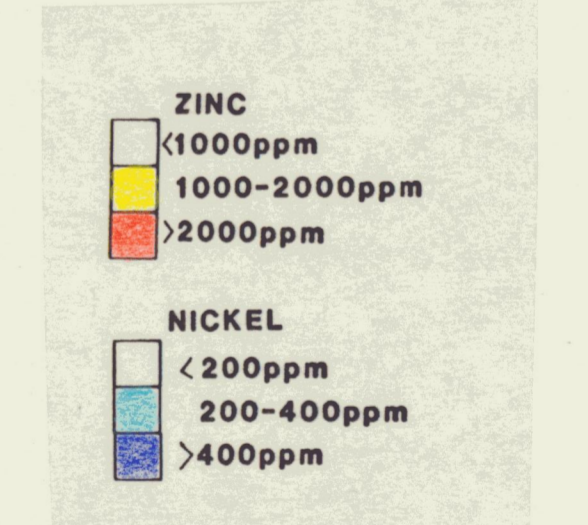
CLAIMS: \_\_\_\_\_  
 H.T.S. NO.: 105 I 12  
 MAP #: 209-1-\_\_\_\_\_

FIGURE NO:  
**FIGURE 4**

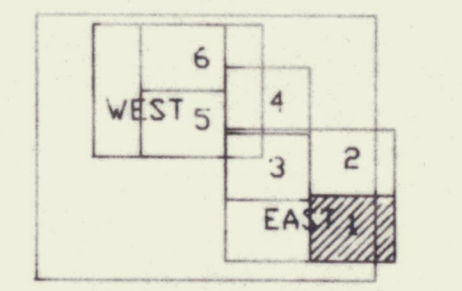
*Mark Edwards*



Interpreted Geological Contact



NR - No results due to snow, frozen ground, swamp and/or creek



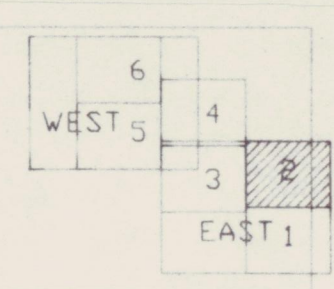
**FALCONBRIDGE LIMITED**  
**FALCON PROJECT**  
 Northwest Territories

**SOIL GEOCHEMISTRY RESULTS**

Zn and Ni (ppm)

SHEET 1 DWG 104.

DATE OF WORK: 1991	0 250 500 750 1000 M
ORIGINAL BY: ARCH/CATH DATE: 1 9 9 1	SCALE 1 : 5,000
REVISED BY: DATE:	
APPROVED BY: DATE:	CLAIMS: FIGURE NO:
DRAWN BY: DATE:	H.T.S. NO.: 105 1 12 FIGURE 5
PROJECT NUMBER: 209	MAP #: 209-1-



NR - No results due to snow,  
frozen ground, swamp and/or creek

**FALCONBRIDGE LIMITED**  
FALCON PROJECT  
Northwest Territories

**SOIL GEOCHEMISTRY SAMPLE LOCATIONS**  
**093067**

SHEET 2 DWG 105

DATE OF WORK: 1991	0 250 500 750 1000 M
ORIGINAL BY: ARCH, CATH DATE: 1991	SCALE 1 : 5,000
REVISOR BY: DATE: _____	SCALE 1 : 5,000
APPROVED BY: DATE: _____	CLAIMS: _____
DRAWN BY: DATE: _____	N.T.S. NO.: 105 1 12
PROJECT NUMBER: 209	MAP #: 209-1- _____

FIGURE 6



129°48'00"

129°44'00"

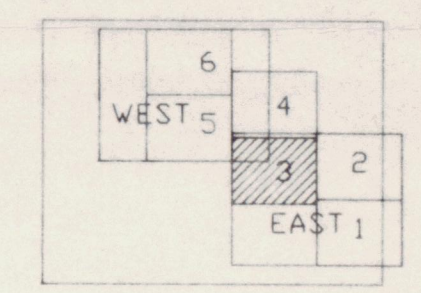


N683000

+1062.3

+1392.3

62°34'00"



**FALCONBRIDGE LIMITED**  
**FALCON PROJECT**  
 Northwest Territories  
**SOIL GEOCHEMISTRY**  
**SAMPLE LOCATIONS**  
 SHEET 3 DWG 107

DATE OF WORK: 1991	DATE: 1 9 9 1	SCALE: 1 : 5,000
ORIGINAL BY: ARCH/CATH	DATE:	SCALE: 1 : 5,000
REVISED BY:	DATE:	
APPROVED BY:	DATE:	FIGURE NO:
DRAWN BY:	DATE:	N.T.S. NO.: 105 1 12
PROJECT NUMBER: 209	MAP #:	209

E458000

E460000

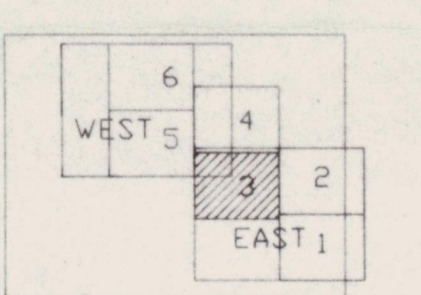
E462000

129° 48' 00"

129° 44' 00"



N 893400



NR - No results due to snow, frozen ground, swamp and/or creek

FALCONBRIDGE LIMITED  
FALCON PROJECT  
Northwest Territories

SOIL GEOCHEMISTRY RESULTS

Zn and Ni (ppm)

SHEET 3 DWG 108

DATE OF WORK: 1991	0 250 500 750 1000 M	SCALE 1 : 5,000
ORIGINAL BY: ARCH/CATH DATE: 1 9 9 1		
REVISED BY: DATE:		
APPROVED BY: DATE:	CLAIMS:	FIGURE NO:
DRAWN BY: DATE:	N.T.S. NO.: 105 1 12	
PROJECT NUMBER: 209	MAP #:	209

FIGURE 9

E458000

E460000

E462000

1:5000 Sheet 3B

1:5000 Sheet 3

093067

+1105.4

1600

+1315.5

+166

+1472.4



62°35'00"

N0940000

1300

1350

1400

1450

1500

1550

1600

1650

1700

1750

1800

1850

1900

1950

2000

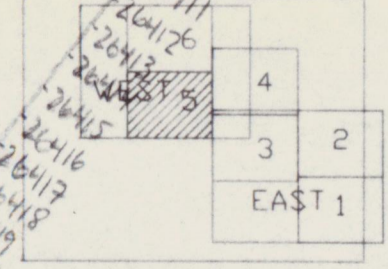
2050

2100

2150

2200

2250



FALCONBRIDGE LIMITED  
FALCON PROJECT  
Northwest Territories  
SOIL GEOCHEMISTRY SAMPLE LOCATIONS

SHEET 5 DWG 109  
DATE OF WORK: 1991  
ORIGINAL BY: ARCH/CATH DATE: 1991  
REVISED BY: DATE: \_\_\_\_\_  
APPROVED BY: DATE: \_\_\_\_\_  
DRAWN BY: DATE: \_\_\_\_\_  
PROJECT NUMBER: 209  
SCALE 1 : 5,000  
0 250 500 750 1000 M  
CLAMS: \_\_\_\_\_  
N.T.S. NO: 105 1 12  
MAP #: 209-  
FIGURE NO:  
FIGURE 10

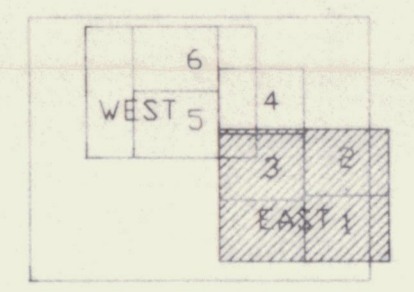
E454000

E456000

E458000

093067



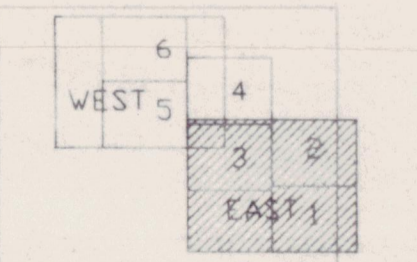


NR - No results due to snow, frozen ground, swamp and/or creek

**FALCONBRIDGE LIMITED**  
**FALCON PROJECT**  
 Northwest Territories  
**CONTOUR SOIL SAMPLING**  
 Falcon Camp 2  
**EAST SHEET DWG 111**

DATE OF WORK: 1991	SCALE: 1:10,000	FIGURE NO:
ORIGINAL BY: JHC/CAT	DATE: 1991	N.T.S. NO.: 105 1 12
REVISED BY:	DATE:	MAP #: 209-1
APPROVED BY:	DATE:	FIGURE NO:
DRAWN BY:	DATE:	FIGURE NO:
PROJECT NUMBER: 209	MAP #:	FIGURE NO:

**093067**



NR - No results due to snow,  
frozen ground, swamp and/or creek

**FALCONBRIDGE LIMITED**  
FALCON PROJECT  
Northwest Territories

**SOIL GEOCHEMISTRY RESULTS**  
Zn and Ni (ppm) **093067**  
EAST SHEET **DWG 112**

DATE OF WORK: 1991	SCALE: 1 : 10,000	FIGURE NO:
ORIGINAL BY: JBCW/CATH DATE: 1 9 9 1	CLAMS: 105   12	FIGURE 15
REVISED BY: DATE:	N.T.S. NO: 105   12	
APPROVED BY: DATE:	MAP #: 209-1-	
DRAWN BY: DATE:		
PROJECT NUMBER: 209		