



41110SE0035 2 16468 FALCONBRIDGE

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SUMMARY REPORT
1994 RECONNAISSANCE SURVEY AND SAMPLING PROGRAM
AT THE FALCON GOLD PROPERTY,
FALCONBRIDGE TOWNSHIP, SUDBURY DISTRICT, ONTARIO

2.16468

GORDON BAILEY (M.Sc. Geol.)

NOVEMBER 25, 1994

Gordon Bailey

2.16468

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STATEMENT OF QUALIFICATIONS

1. I am a professional geologist having successfully completed B.Sc. studies at the University of Alberta and M.Sc. studies at Queens University in Kingston Ontario.
2. I have been practicing my profession since 1984, and am currently employed in said capacity.
3. I have no financial interest in any property owned or operated by Pentland Firth and that all observations and opinions expressed within this report are based solely on an examination Falcon Mine property, assay results and a review of pertinent literature.

October 31/1995

Gordon Bailey
Gordon Bailey

SUMMARY AND RECOMMENDATIONS

On Sept. 10/1994, a one-day reconnaissance property visit and sampling program was completed on the Falcon Gold property. The area near the former Falcon mine site was examined and nine samples were collected and chemically analyzed.

A total of five samples from near the mine site were collected and assayed for gold. Two pyrite-rich surface samples assayed 50.47 and 53.21 g Au/tonne* whereas three pyrite-rich dump samples assayed 33.60, 38.33 and 40.46 g Au/tonne.

Four whole-rock total-oxide geochemical analysis were completed on samples collected near the Falcon mine site. The analysis indicate that a number of alteration processes were associated with gold mineralization at the deposit. These processes include soda-metasomatism (Na₂O to 7.07%), silicification (SiO₂ to 80.10%) chloritization and possibly carbonatization (10.49% MgO + 4.61% Fe₂O₃ with 26.77% CaO and 24.48% LOI).

The analytical results confirm that high-grade gold mineralization is present at the Falcon mine site and is associated, at least locally, with soda metasomatism, chloritization, silicification and sulphidization of the hosting meta-sedimentary rocks.

As numerous areas affected by albitization (Na-metasomatism) have been reported in similar units of Huronian rocks east of the

Sudbury structure, the author believes that further geochemical sampling and remapping of trenches at the Falcon mine site would allow the development of an effective geochemical model for gold exploration in a similar environment. As the adjacent Copper Prince property has reportedly returned assays of up to 1.1 oz Au/ton over 5 feet and of 4.8% Cu and 0.07 oz Au/ton over 5 feet, and appears to be along strike of the Falcon deposit along the Garson Fault, a purchase or joint venture agreement with its' owners should be considered as a first step towards gold exploration in this environment beyond the Falcon Gold property.

* Average values from two assays are given for all 1994 Au assays quoted in this report.

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INTRODUCTION

On Sept. 10, 1994 The Falcon Gold property was examined on a reconnaissance basis, by the author and D. Comba, to verify/corroborate previous mapping, to confirm previously reported gold values and to determine if there is a discrete assemblage of metasomatically altered rocks associated with the Falcon gold deposit which may provide a guide to exploration for similar deposits.

An irregular 15 by 30 m, recently-excavated trench adjacent to the Falcon mine shaft was examined and nine trench and mine dump samples were collected and subsequently analyzed. A single dump sample was examined in thin-section.

Property description, location and access

The Falcon Gold property (Figure 1) consists of six patented mining claims (north 1/4 Lot 5, Con 2 and south 1/2 Lot 5, Con 3) and one adjacent staked claim (northwest corner Lot 4 Con 2), all in Falconbridge Township. The claims are located 4.5 km east of the Falconbridge smelter and were accessed by a 3 km easterly walk starting at the southern end of a car-accessible tailings dam 600 m south of the Falconbridge East Mine.

Previous work (pre-1960)

Exploration has been conducted on the Falcon Gold property since prior to the turn of the century when gold was first discovered by prospecting. The following summary is drawn primarily from an unpublished Falconbridge Ltd report (E. S. Barnett, 1987) and subsequent exploration reports completed by, and for, Falconbridge Ltd.

Gold was discovered on surface at the Falcon Gold property prior to 1900 and by 1923 the exposure was stripped and a 50-foot-deep shaft and a 54-foot-long cross-cut were excavated. The shaft was later deepened to 200 feet and 150 feet of drifting was completed on the 100-foot level. Numerous channel samples were collected from that level. Diamond drill logs indicate that 4031 feet of diamond drilling in 21 holes was completed between 1927 and 1937, although Barnett noted that a total of 4328 feet was indicated in an undated report by Hitchcock. Later drilling includes three holes totalling 640.5 feet (1948-1951) and five holes totalling 7640 feet (1955). All eight of these later holes were apparently drilled to meet assessment requirements.

Previous work (post-1980)

In 1981, D. Owen calculated that the Falcon Deposit contained a mineral inventory of 36 000 tons of rock grading 0.21 oz Au/ton.

Geophysical exploration included a Dighem III survey flown in 1984 and, in 1987, 9.03 line miles of I.P. surveys and 22.65 miles of magnetic and VLF-Em surveys by JVX Ltd. These surveys were completed on NW-SE and NE-SW grids totalling 23 miles cut with a 200-foot spacing between lines.

The property was mapped by Falconbridge Ltd in 1987 on the newly cut grid system.

In 1988, Falconbridge completed a 24-hole, 14 951-foot drill program which increased the mineral inventory of the Falcon deposit to 59 400 tons grading 0.226 oz Au/ton in a pyritiferous zone traced to a vertical depth of 600 feet with an average dimension of 11 by 100 feet. The western margin of the deposit is Nipissing Diabase whereas the eastern margin is Sudbury Breccia.

One of the 1988 holes (FG-17) drilled 170 feet east of the main deposit intersected a pyrite-pyrrhotite-chalcopyrite-rich zone at a vertical depth of 540 feet. This zone averaged 0.14% Ni, 0.26% Cu and 705 ppb Au over a core length of 28 feet and included a 3.4 foot section grading 0.50% Ni and 0.56% Cu and a 2.5 foot section grading 0.076 oz Au/ton.

In 1988, nine trenches were mechanically excavated and were mapped and sampled in the following year. The main trench (Trench A) exposed a gold-mineralized zone immediately south of the Falcon mine shaft (now capped) whereas most of the other trenches tested

geophysical anomalies that were subsequently interpreted to have been caused by lithological contacts.

Five roughly 20-pound representative samples from the Falcon mine muck piles were collected in 1989 to determine if the material was worth transporting and milling. Only low assay values were returned ranging from 291 ppb to 3.43 g Au/tonne. Of nine selected muck pile samples the best analytical result was 16.08 g Au/ton (average of two assays).

Geology

Regionally, the Falcon Gold property is located within the early-Proterozoic Southern Province of the Canadian Shield and occurs within a thick succession of north-easterly striking, steeply-dipping, mostly meta-sedimentary rocks of the Huronian Supergroup intruded by Nipissing Diabase dikes and sills (2100 Ma). The Grenville Front forms the southern limit of the succession 5 km southeast of the property whereas the Sudbury Igneous Complex (1850 Ma) truncates the succession 3.5 km northwest of the property.

The property is primarily underlain by steeply-dipping, southeasterly facing clastic and chemical meta-sedimentary rocks of the Bruce, Espanola and Serpent formations of the Quirk Lake Group and by the Mississagi Formation of the Hugh Lake Group. These units are intruded by Nipissing Diabase and Sudbury Breccia and, based on regional geological maps (OGS map 2491, 1984), appear to be cut by

the easterly-striking Garson Fault and the northeasterly-striking Bailey Corners Fault.

The property (Figure 2) was mapped by Falconbridge Ltd in 1987 on a 1:2400-scale and is described in a report by E. S. Barnett (1987). In his report Barnett noted that the Mississagi Formation occurs in the northern portion of the property and is comprised of coarse-grained, thickly-bedded, locally cross-bedded sandstones and thin interbeds of siltstone. It is unconformably overlain by and possibly in fault contact with the Bruce Formation paraconglomerate which, in turn, is overlain by the Espanola Formation which occurs only rarely as a distinct carbonate unit. This carbonate unit grades into thinly-bedded sandstones and argillites of the Serpent Formation which, up-section, grade into massive, thickly-bedded sandstones (distinguished from the Mississagi Formation by a lack of prominent cross-bedding). Barnett suggested that the thinly-bedded sedimentary rocks at the base of Serpent Formation may be lateral equivalents of the Espanola Formation.

The Bruce-Espanola contact is intruded by a Nipissing Diabase and Sudbury Breccia intrudes all units on the property and was mapped as a distinct 800 by 2600 ft unit in the east-central portion of the property, 100 feet east of the Falcon mine shaft.

Gold-mineralization at the Falcon mine site was described as being associated with about 5% pyrite cubes to 1 cm in a carbonate-actinolite-chlorite-talc shear zone which strikes 105° - 115° and

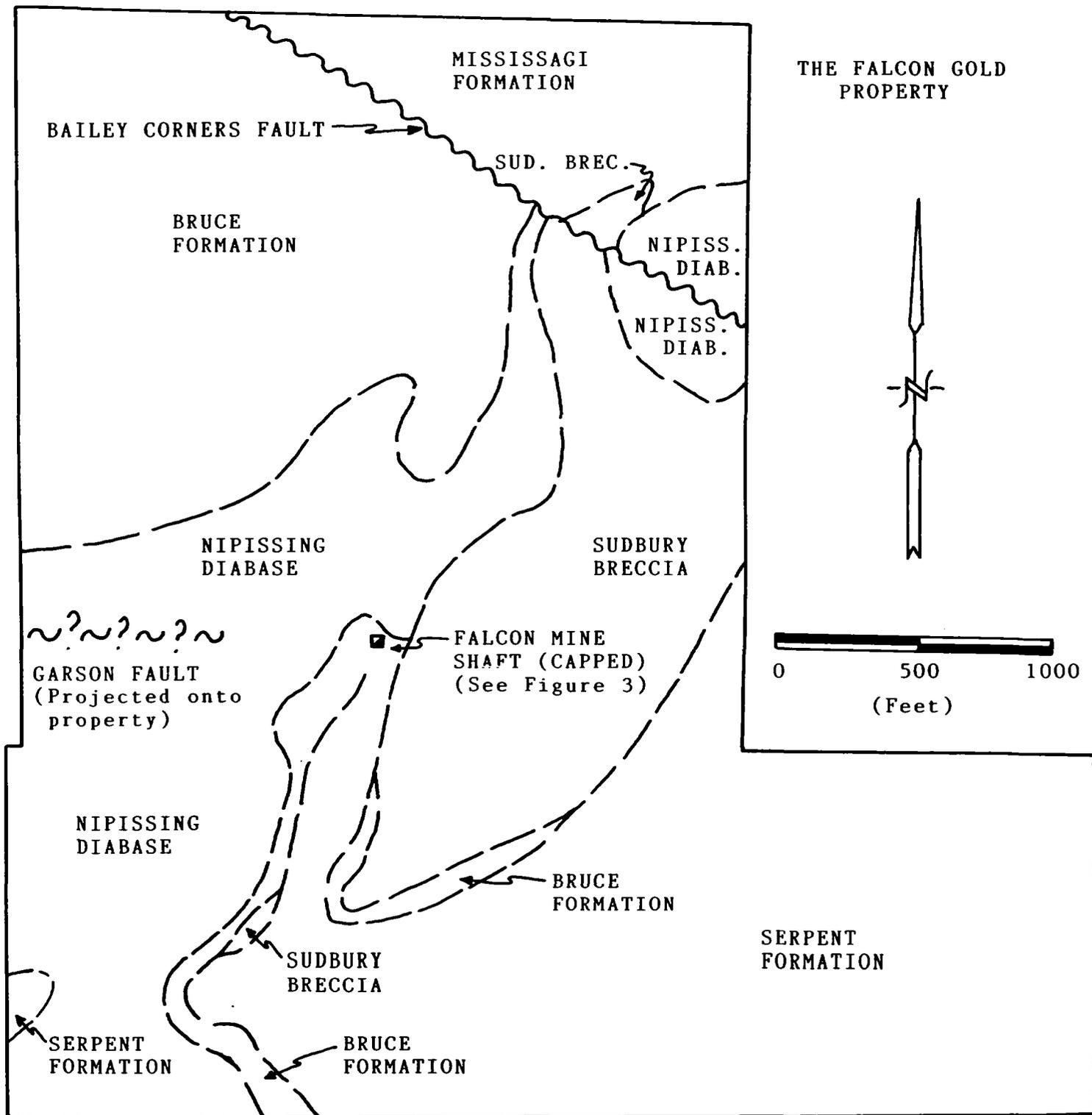


FIGURE 2. Property Geology. Adapted from Barnett, 1987.

dips 65° -70° SW. Diamond drilling in 1988 showed the zone to average 11 by 100 feet and to extend to a vertical depth of 600 feet and to be contained to the west by Nipissing Diabase and to the east by Sudbury Breccia.

Descriptions of chemically altered rocks on the property include carbonate-actinolite schist and zones of intense grey silicification associated with 50% "buckshot" pyrite at the Falcon mine site and, elsewhere, fracture controlled calcite, local zones of silicification, hematite staining and minor epidotization of the Nipissing Diabase.

1994 PROPERTY EXAMINATION

The majority of time spent on the Falcon Gold Property was spent in the examination of rocks in and near "Trench A", immediately south of the old Falcon mine shaft and in the surrounding muck piles (Figure 3).

Based on this brief examination, it appears that the previous mapping of trenches appears to be substantially correct. Notably different however, was the observation of strongly altered meta-gabbro in the southern portion of the trench and the recognition of various distinct alteration assemblages both in the trench and in samples in the muck piles.

Assay Samples

A total of five samples were collected and analyzed for Au, Ag, As, Cu, Ni, Pt, Pb and Hg. These samples (which include two surface and three dump samples) were collected to confirm analytical results from the 1989 trench sampling and, in an approximate fashion, from underground.

The two surface samples Fg-03 and FG-04 (Figure 3) assayed 51.02 and 54.61 g Au/tonne respectively. Sample FG-03 was collected from a 1- to 5-cm-wide, irregular bedding-crosscutting pyrite-carbonate-(calcite)-quartz vein whereas sample FG-04 was comprised mostly of pyrite from a zone of strataform pyrite mineralization where masses

of pyrite to 5 cm across and dodecahedral pyrite to a cm across are common. This selected sampling confirms analytical results from previous trench sampling and shows that pyrite in both bedding-parallel and bedding-crosscutting masses/veins carries gold.

The three dump samples, all from carbonate-quartz(+/-actinolite and chlorite) schists with abundant pyrite assayed 33.87, 38.33 and 40.40 g Au/tonne confirming that relatively high-grade gold was mined at the Falcon Deposit and might be expected elsewhere in a similar geological environment.

Geochemical Sampling

A total of four samples were submitted for whole-rock, total-oxide analysis to confirm the character of alteration interpreted from hand samples. Two samples were collected from the west-central portion of the pit as they appeared to be representative of intensively albitized/silicified (FG-01) and chloritized (FG-02) rocks present in the trench (Figure 3). Sample FG-01, a hard, cherty, weakly calcitic, salmon pink rock with weak relict bedding and 1-2% pyrite yielded analytical results of 80.10% SiO₂, 7.79% Al₂O₃, 4.52% Na₂O and about 1.5% each of CaO and Fe₂O₃. A rock comprised of roughly 42% albite, 53% quartz and 2.5% each of pyrite and calcite would account for virtually all of these oxides and suggests that albitization and silicification are the processes that produced that rock. [This mineral calculation is based on the assumption that all of the Na₂O was derived from albite with a

composition similar to that given in Deer, Howie and Zussman, 1966. Such an albite would consume all of the Al₂O₃ and 28% SiO₂ and leave 52% SiO₂ and the Fe₂O₃ and CaO unaccounted for. These remaining oxides presumably were derived from quartz, pyrite and calcite]. Similarly, chemical analysis of FG-02, a dark-green calcite-chlorite schist, confirmed that the rock was both chloritic (10.49% MgO and 4.61% Fe₂O₃) and calcitic (26.77% CaO and 24.48% LOI).

Sample DS-03, a very hard, fine-grained, salmon-pink, weakly calcitic dump sample was collected as a probable example of intensively albitized rock from the Falcon deposit. This interpretation was confirmed by an analysis of 7.07% Na₂O suggesting that the sample was comprised of about 64% albite, 26% quartz and 10% carbonate, pyrite and chlorite.

Chemical analysis of sample FG-05, a dark-green, chloritic, moderately-calcitic rock interpreted as altered meta-gabbro confirmed that the rock has a basic chemical composition (10.88% Fe₂O₃ and 10.41% MgO) and that, for a gabbroic rock, it has elevated Na₂O (3.51% vs. a more typical 2.39% (Best, 1982)) indicating that this unit was also affected by soda-metasomatism.

A single dump sample was collected and examined in thin section to confirm the mineralogy of samples at the mine site. It is composed of 25% well-aligned blades of weakly pleochroic actinolite set in a matrix of mm- to cm-scale bands alternately dominated by

chlorite(+/-talc) or calcite. In the chloritic bands, the actinolite is commonly surrounded by a thin band of calcite. Quartz and an opaque mineral (pyrite) are minor constituents.

DISCUSSION

Alteration

Analytical results show that chemically altered rocks are associated with gold mineralization at the Falcon mine site and that the alteration processes include soda-metasomatism, silicification, chloritization and sulphidization. These processes are similar to those described for other Au-deposits located near Sudbury in similar Huronian Supergroup meta-sedimentary rocks. For example, B. I. Gates (1991) described the Orifino Resources Scadding Au deposit (about 15 km NE of the Falcon Gold property) as being directly associated with broad zones of soda-metasomatism hosting 30- to 50-m-wide, 100- to 300-m-long breccia zones containing narrow, pipe-like, chlorite-rich Au-mineralized zones with either pyrite or arsenopyrite as the principal sulphide mineral. He modelled the deposit as occurring within a broad zone of soda-metasomatism at the Serpent Fm/Bruce Fm contact which, because of its brittle nature, was easily fractured providing channels for further solutions with the introduction of chlorite, sulphide minerals and gold. W. Meyer (1992) noted that the Norstar deposit in Davis Township is similarly associated with soda-metasomatism and stated that remapping of many old Au-showing east of Wanapitei Lake (15 km north of the Falcon Gold property) show them to be associated with soda metasomatism. In a visit to the Willet Green Miller Northern Development and Mines building in Sudbury (Sept. 1994) Meyer showed the author of this report

numerous samples of salmon pink, albitized rock collected from the Sudbury/Wanapitei Lake area including samples with large euhedral calcite rhombs and samples with calcite rhombs variously pseudomorphed by pyrite or quartz. Meyer suggested that early albitization, followed by an overlapping sequence of carbonatization, chloritization, silicification, sulphidization and gold mineralization are the processes associated with the development of many of the gold deposits and showings east of the Sudbury Basin.

Structure

It seems likely that structural features are also necessary for the development of these deposits. Examples of this include the well-defined chlorite-breccia zones at the Scadding Deposit (Gates, 1991., Larson, 1981), the along strike occurrence of the Garson Fault System with mineralization at both the Copper Prince property (M. Ogdem, 1982) and the Falcon Gold property, and the proximity of major faults with most Au showings shown east of Sudbury on OGS Map 2491. These cross-cutting structures may pre-date or be syngenetic with alteration and have provided a passage-way for metasomatic and hydrothermal solutions.

Age of Mineralization

Schandl et al. (1992) reported a 1700+/-2 Ma age from hydrothermal monzonites collected at the Scadding Mine and at the Sheppard Au-

property which post-dates both the Nipissing Diabase (2100 Ma) and the Sudbury Igneous complex (1850 +/-1 Ma - Krogh 1984). If the alteration and mineralization at the Falcon Mine is of a similar 1700 Ma age, the mineralization at the deposit is not actually cut to the west by the Nipissing Diabase or to the east by Sudbury Breccia, rather that these older units may never have been sufficiently fractured to allow the influx of mineralizing hydrothermal solutions or that they simply may not have had a primary chemical character favourable to the alteration and Au-mineralization in comparison to the adjacent carbonate rich rocks of the Espanola Formation. This interpretation is supported by the chemical analysis of a unit of gabbro (Nipissing Diabase) in "Trench A" that returned elevated Na₂O values.

RECOMMENDATIONS

1) In order to develop a well-defined model of gold-deposit associated alteration applicable in the Huronian meta-sedimentary rocks east of the Sudbury Structure, "Trench A" to the immediate south of the Falcon mine shaft and nearby outcrops should be remapped and geochemically sampled.

2) As the adjacent Copper Prince property has reportedly returned assays of up to 1.1 oz Au/ton over 5 feet and 4.8% Cu and 0.07 oz Au/ton over 5 feet (Ogden, 1976), and appears to be along strike of the Falcon Gold deposit along the Garson Fault, a purchase or joint venture agreement with its' owners should be considered as a first step towards gold exploration beyond the Falcon Gold Property.

3) Falconbridge Limited drill data should be re-examined to determine if the altered gabbro sampled in "Trench A" correlates with the Nipissing Diabase intersected by diamond drilling and to subsequently evaluate the potential for significant gold mineralization below that unit.

APPENDIX 1.

1994 ASSAY REPORTS



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Assay Certificate

4W-2281-RA1

Company: **PENTLAND FIRTH VENTURES LTD**
 Project: **5101**
 Attn: **K. Tylee**

Date **OCT-25-94**

We hereby certify the following Assay of 5 Rock samples
 submitted SEP-23-94 by .

Sample Number	BAILEY No.	Au g/tonne	Au Check g/tonne	Ag g/tonne	As PPM	Cu PPM	Ni PPM	Pt PPB	Pd PPB	Hg PPB
H-8001	DS-01	41.35	40.46	1.3	790	64	215	<10	<5	50
H-8002	FG-03	50.47	51.57	2.2	319	50	189	<10	<5	45
H-8003	FG-04	56.02	53.21	1.3	2490	147	639	<10	<5	55
H-8004	DS-02	38.40	38.26	1.9	1750	253	241	<10	<5	65
H-8005	DS-04	33.60	34.15	2.2	844	59	298	<10	<5	70

CONFIDENTIAL

Certified by

P.O. Box 10, Swastika, Ontario P0K 1T0
 Telephone (705) 642-3244 FAX (705) 642-3300

PENTLAND FIRTH VENTURES LTD.

ATTN: K. TYLER

PROJ: 5101

4U-2282-RA1

TSL/ASSAYERS LABORATORIES

1270 REVERSTER DRIVE, UNIT 3 MISSISSAUGA, ONTARIO L4W-1M4

PHONE #: (905)625-1544 FAX #: (905)206-0513

REPORT No. : M3957

Page No. : 1 of 1

File No. : SP30RA

Date : SEP-30-1994

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium Metaborate Fusion

SAMPLE #	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	TiO2	MnO	P2O5	Ba	Sr	Zr	Y	Sc	Nb	Br	Mi	Cr	Cu	V	Co	Zn	LOI	TOTAL
	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
8006 ^{BAILLY} FG-01	80.10	7.79	1.66	1.39	0.41	4.52	0.34	0.29	0.08	0.12	50	40	60	12	2	30	3	50	1165	20	90	5	30	0.91	97.60
8007 FG-02	28.03	5.41	4.61	26.77	10.49	0.60	0.06	0.15	0.18	0.16	10	150	80	28	10	< 30	2	10	155	< 5	80	5	< 5	24.48	100.96
8008 FG-05	45.75	15.36	10.88	4.20	10.41	3.51	1.38	0.55	0.07	0.08	140	30	50	16	38	< 30	2	85	125	15	240	15	10	5.58	97.77
8009 DS-03	67.07	13.22	3.22	3.80	2.52	7.07	0.36	0.43	0.04	0.16	40	40	140	18	14	< 30	2	55	550	30	105	25	5	2.69	100.56

-20-

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SIGNED :

Randy Soad

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REFERENCES

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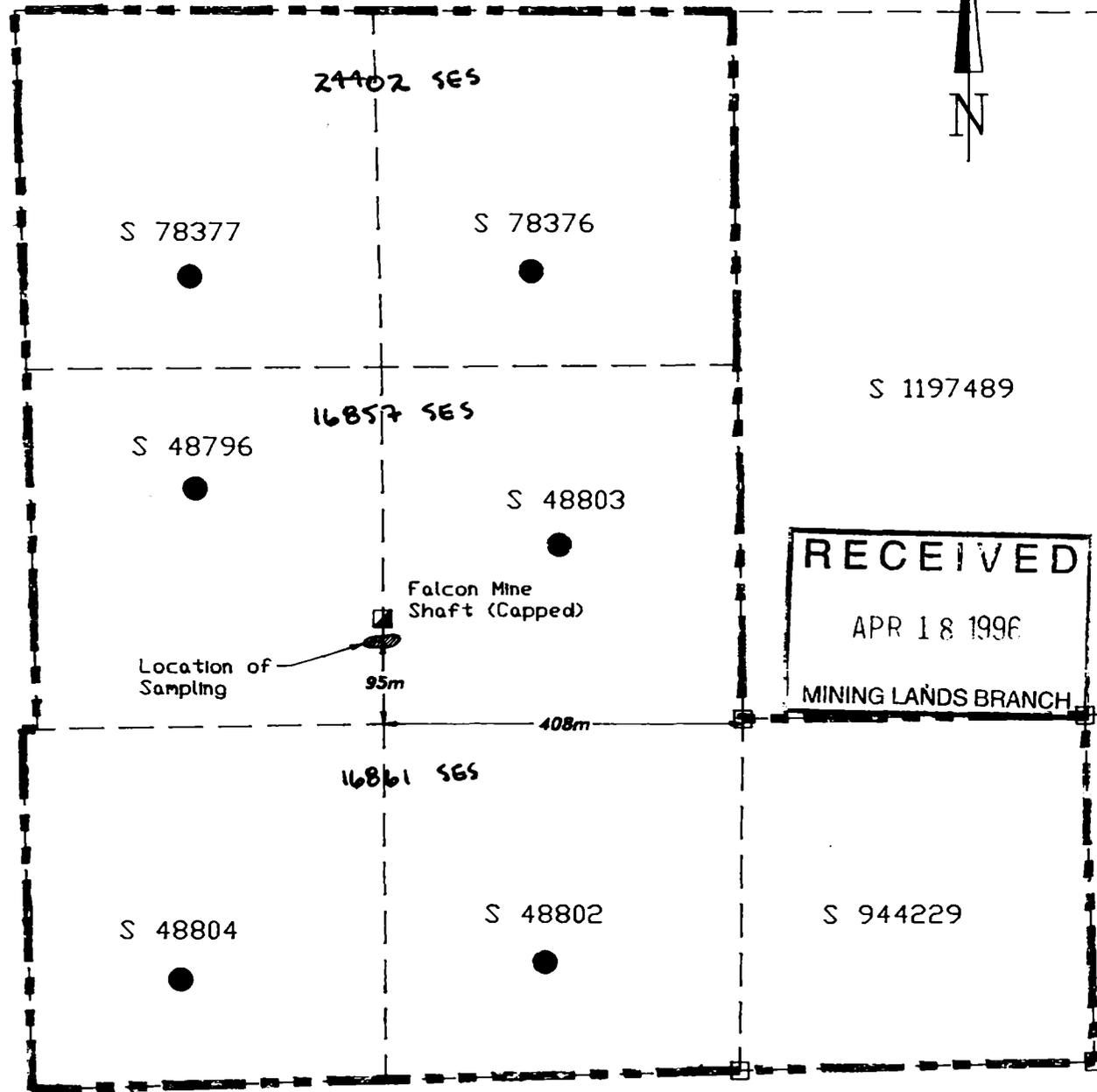
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2.11.83

ASTRONOMIC



PROPERTY OWNERSHIP

● PATENT, SURFACE & MINING RIGHTS

PENTLAND FIRTH VENTURES LTD.

TOWNSHIP ONTARIO

Sudbury Mining Division

The Falcon Gold Property
(6101)

Falconbridge Township

DATE	AMOUNT	DATE	PROJECT
		JULY 26/95	
	0	75	150 225 300
PLAN No.	105		

Falconbridge Twp.

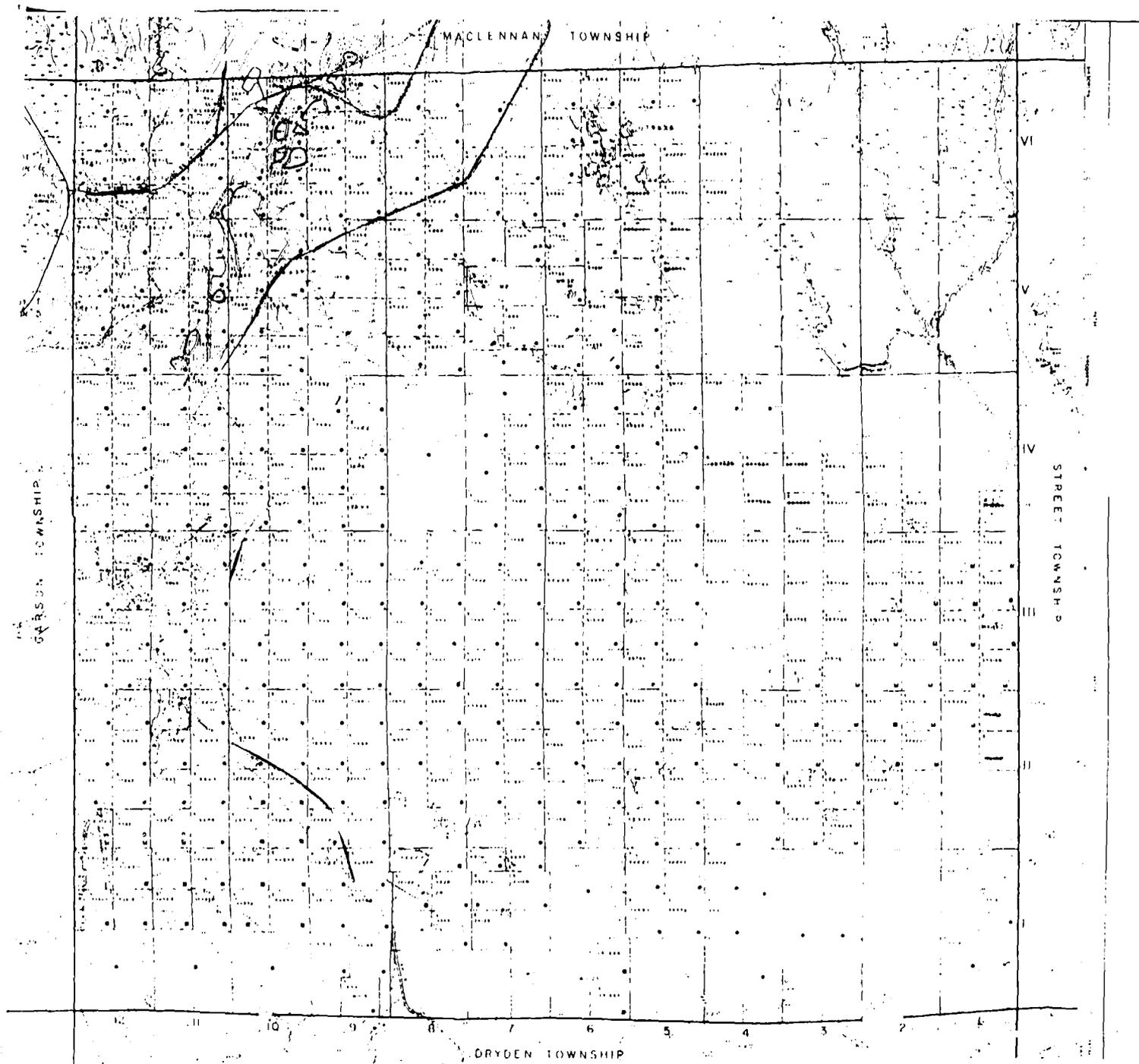
Sudbury Mining Division

2-16468

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MINING LANDS BRANCH





Report of Work Conducted After Recording Claim

Mining Act

Transaction Number
9670.00020

Res - Sudbury

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for rec Recorder.
 - A separate copy of this form must be complete.
 - Technical reports and maps must accompany it.
 - A sketch, showing the claims the work is assign

2.16468



41110SE0035 2 16468 FALCONBRIDGE

900

Recorded Holder(s) FALCONBRIDGE LTD. (limited)		Client No. 130679
Address 95 Wellington St. W. Suite 1200 Toronto, Ont.		Telephone No. (416) 956-5700
Mining Division Sudbury	Township/Area Falconbridge Twp.	M or G Plan No. G-4048
Dates Work Performed From: September 10, 1994		To: September 10, 1994

Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	Mapping, Sampling
<input type="checkbox"/> Physical Work, Including Drilling	
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	



Total Assessment Work Claimed on the Attached Statement of Costs \$ 1313

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
Mr. Gordon Bailey	1431 Kingslea Court, Sudbury, Ont. P3A 3P4

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date Feb 7/96	Recorded Holder or Agent (Signature) <i>[Signature]</i>
--	-------------------------	--

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying Ken Tylee P.O. Box 1690 South Porcupine, Ont.		
Telephone No. (705) 235-2311	Date Feb 7/96	Certified By (Signature) <i>[Signature]</i>

For Office Use Only

Total Value Cr. Recorded Applied 1313.00	Date Recorded Feb. 09. 96	Mining Recorder <i>[Signature]</i>	Received Stamp SUDBURY MINING DIV RECEIVED FEB 09 1996
	Deemed Approval Date MAY 9 1996	Date Approved <i>[Signature]</i>	
Date Notice for Amendments Sent			

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Geoscience Approvals Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (705) 670-5853
Fax: (705) 670-5863

June 18, 1996

Our File: 2.16468
Transaction #: W9670.00020

Mining Recorder
Ministry of Northern Development & Mines
933 Ramsey Lake Road, 3rd Floor
Sudbury, Ontario
P3E 6B5

Dear Mr. Denomme:

**SUBJECT: APPROVAL OF ASSESSMENT WORK CREDIT ON MINING LAND, CLAIM(S)
16857 SES (ET AL.) IN FALCONBRIDGE TOWNSHIP (AREA)**

The 45 days outlined in the Notice dated May 02, 1996 have passed.

No analyses cost were provided. Assessment credit will be allowed for the following:

4 Whole rock analyses @ \$25/sample	\$ 100
5 samples, 8 elements @ \$25/sample	\$ 125

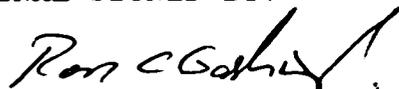
	\$ 225

Accordingly, assessment work credit has been approved as outlined on the attached sheet. The credit has been approved under Section(s) 17, Assays (ASSAY), of the Assessment Work Regulation.

The approval date is June 14, 1996. Please indicate this approval on the claim record.

If you have any questions regarding this correspondence, please contact Bruce Gates at (705) 670-5856.

Yours Sincerely,
ORIGINAL SIGNED BY:



Ron C. Gashinski
Senior Manager, Mining Lands Section
Mines and Minerals Division

BIG/cc

Enclosure:

cc: Resident Geologist
Sudbury, Ontario

✓ Assessment Files Library
Sudbury, Ontario

DISTRIBUTION OF ASSESSMENT WORK CREDIT

Note: credit distribution reflects the value of assessment work performed on mining land.

Date June 18, 1996

File Number: 2.16468

Transaction #: W9670.00020

CLAIM NUMBER

16857 SES

VALUE OF WORK PERFORMED

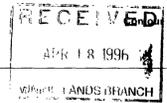
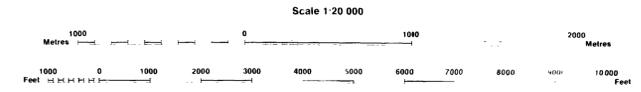
\$ 225

INDEX TO LAND DISPOSITION

PLAN **G-4048**
 TOWNSHIP **FALCONBRIDGE**

M.N.R. ADMINISTRATIVE DISTRICT
SUDBURY
 MINING DIVISION
 SUDBURY
 LAND TITLES/REGISTRY DIVISION
SUDBURY

2.16468
 DATE OF ISSUE
APR 18 1989
 SUDBURY
 MINING RECORDER'S OFFICE



AREAS WITHDRAWN FROM DISPOSITION

- MRO - Mining Rights Only
- SRO - Surface Rights Only
- M+S - Mining and Surface Rights

Description	Order No	Date	Disposition	File

SYMBOLS

- Boundary
 - Township, Meridian, Baseline
 - Road allowance, surveyed shoreline
 - Lot/Concession, surveyed unsurveyed
 - Parcel, surveyed unsurveyed
 - Right-of-way, road railway utility
- Reservation
- Cliff, Pit, Pile
- Contour
 - Interpolated
 - Approximate
 - Depression
- Control point (horizontal)
- Flooded land
- Mine head frame
- Pipeline (above ground)
- Railway, single track double track abandoned
- Road, highway, county, township access trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

DISPOSITION OF CROWN LANDS

- Patent
 - Surface & Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Lease
 - Surface & Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Licence of Occupation
- Order-in-Council
- Cancelled
- Reservation
- Sand & Gravel

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