

LOG NO: 1119	RD.
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FILE NO: 87-763-16567	

REPORT ON
BACKHOE TRENCHING PROGRAM
ACE IN THE HOLE CLAIM
NELSON MINING DIVISION

NTS 82F/3W

BY

FILMED

N. von FERSEN

OWNER: J. PLANIDIN, D. GILES
OPERATOR: FALCONBRIDGE LIMITED

Latitude: 117° 20' W
22' 30"

Longitude: 49° 08' N
07' 06"

November 14, 1987

GEOLOGICAL BRANCH
ASSESSMENT REPORT
Vancouver, B.C.

16,567

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Appendix 1	Analytical Results - Metal Analysis
Appendix 2	Analytical Results - Whole Rock Analysis

INTRODUCTION

Location, Access, Physiography

The Ace in the Hole claim is located in the Nelson Mining District, NTS 82F/3W, approximately 10 km south-southwest of Salmo, B.C. (Figure 1 and 2). The claim may be reached via a good logging road which joins Highway 3 and 6, two km south of Salmo. An extensive system of logging roads provides good access to various parts of the property.

The claim covers the height of land drained by Swift Creek, Archibald Creek, and Tillicum Creek. Elevations range from 1615 m in the centre of the property, to approximately 1370 m at the southern boundary of the property. Relief is generally moderate with few precipitous slopes.

Forest cover consists of Spruce, Balsam, and Alder. The eastern half of the claim has been logged in recent years, creating slash and increased growth of alder thickets. Outcrop is moderate to well exposed at higher elevations.

Glacial till occurs in the headwaters of Swift creek, but was not noted on the property. Dominant ice direction was southerly, locally modified by major topographic features.

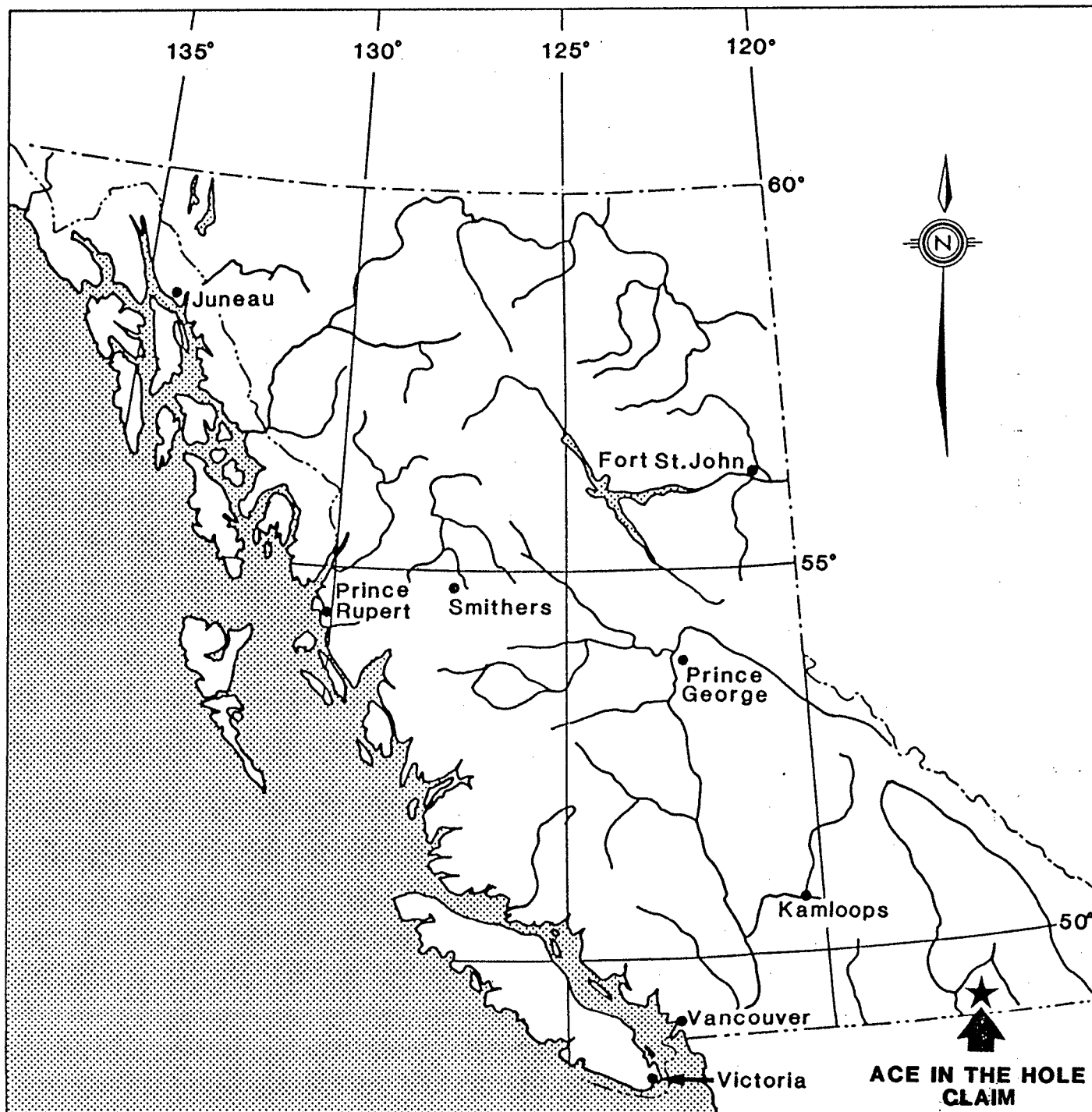
Land Status

The Ace in the Hole claim consists of one Modified Grid claim of 16 units, which is owned by D. Giles and J. Planidin of Salmo, B.C. Pertinent claim data are listed below.

TABLE 1

CLAIM STATUS

Name	Record No.	Units	Expiry
Ace in the Hole	3425	16	Aug. 22/89

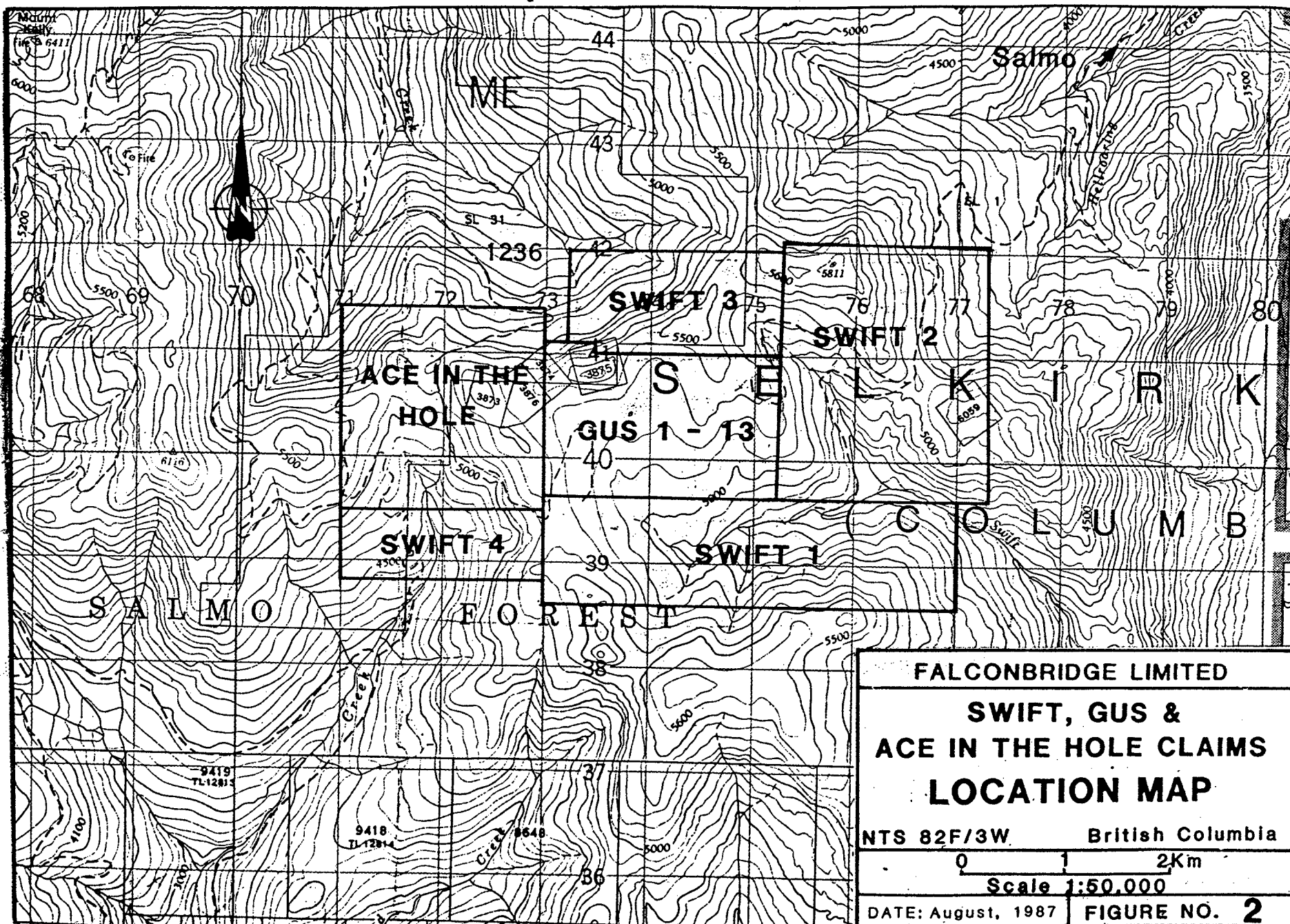


0 100 200 300 400 500
kilometres

Falconbridge Limited

GENERAL LOCATION MAP
ACE IN THE HOLE CLAIM
Nelson Mining Division
British Columbia
NTS: 82F/03 W

Figure 1



Property History

A number of old pits and trenches are evidence of early attempts to investigate gold potential of quartz veins in the Rossland Volcanics. More recently, work carried out by Falconbridge, between 1984 and 1985 consisted of 1:10,000 scale geologic mapping limited VLF and Mag surveys and rock geochemistry. During 1986 the southeast corner of the claim was covered by soil geochemistry IP, VLF, and MAG surveys.

1987 Work Program

A small backhoe trenching, sampling and trench mapping program was conducted on the Ace in the Hole claim in the period May 25 to June 19, 1987.

The purpose of the trenching was to check for extensions of vein hosted base metal mineralization exposed in a shallow shaft on the Ace in the Hole claim, as well as testing weak geochemical and geophysical anomalies on the eastern fringe of the claim. The target was gold mineralization associated with quartz veins in structural zones

Nine trench locations were selected over geophysical or geochemical anomalies or in geologically interesting areas (Figure 3). Trenches were dug with a JD 450-C backhoe. Lengths ranged from 13 m to 52 m and totalled 216 m. Trench depths ranged from surface to 3 m. Outcrop exposures were mapped at 1:200, and sampled. A D4-h cat was used to fill in trenches after completion of sampling and mapping.

A total of 28 channel samples were collected, using a 2 m standard sample interval. Occasional sample intervals were less than 2 m. Four grab samples were collected for Au, Ag or Cu, Zn, Pb, Ag, and Au. Eleven rock samples were collected for whole rock analysis.

GEOLOGY

Regional Geology

The project area is underlain by rocks of the Rossland Group which have been subdivided by Little and Frebold (1962) into three formations. From oldest to youngest these are : the Archibald , Elise, and Hall Formations. The currently accepted age of the Rossland Group is based on shallow water ammonites of lower to middle Jurassic age.

Rocks characteristic of the Archibald Formation are hard, brittle, dark grey to black argillaceous siltstones and

arenaceous argillites. The beds are distinctly laminated and graded bedding is common. These lithologies occur immediately west of the Ace in the Hole claim area.

The Elise Formation, which underlies the majority of the property, is defined as predominantly mafic volcanics of basaltic composition. Flow breccia, massive flows, agglomerate, tuff, and sill like intrusives (augite porphyry) are most prevalent. A minor amount of laminated, tuffaceous siltstone and shale occurs as interbeds. These rocks are exposed in the western portion of the claim.

The Hall Formation is characterized by carbonaceous argillites and argillaceous quartzites. Road cuts south of Salmo on Highway 3 exhibit good exposures of carbonaceous, pyritic, argillite.

The Rossland Group is intruded by Nelson Plutonics of Cretaceous age, which range in composition from granite to quartz diorite. A number of younger gabbro to syenite dikes and stocks are present locally indicating more recent intrusive activity.

Property Geology

Property geology is shown in Figure 3 at a scale of 1:5000. The project area is primarily underlain by a sequence of mafic volcanic and volcanoclastic rocks of basaltic composition which form part of the lower Jurassic Elise Formation. Two prominent lithologies are exposed. The first, and possibly lowest in the stratigraphic section, is a lapilli to block size, mono to heterolithic, poorly sorted, subangular block and ash unit, agglomerate, and/or debris flows. Fragments are often framework supported. The second, is a crystal tuff characterized by abundant, broken, randomly oriented augite crystals in a fine grained matrix. A variation of this facies consists of plagioclase crystal tuff. In areas of poor exposure, these porphyritic tuffs are difficult to distinguish from augite or feldspar porphyry sills. Rocks without any significant textures are assumed to be ash tuffs.

Fine grained, laminated, pyritic ash, siltstone, and minor chert outcrop in the southern portion of the Ace in the Hole claim. Argillite is exposed to the north. Lamprophyre dikes noted in trenches are fine to medium grained, dark grey to black, and contain pyroxene and biotite. The dikes are usually very friable and decomposed. Several small bodies of rhyolite are exposed in the western part of the claim. Regional metamorphic grade is lower greenschist and chlorite and epidote are common. In general

rocks are remarkably unaltered and relatively undeformed.

Trench Mapping

Trench mapping at a scale of 1:200 was carried out on trenches 14, 25 to 31. Trench 15 did not penetrate glacial till. Outcrop exposed in the trenches consisted primarily of mafic augite to feldspar crystal tuff, interbedded with pyritic chert in trench 25. Trench 28 and 29 are underlain by black argillite. Trench 30 exposed interbedded lapilli tuff, argillite and augite crystal tuff. Medium to coarse grained, dark grey to brownish lamprophyre dikes intrude augite crystal tuff in trench 25. These dikes appear to dip subvertically and are usually very friable and decomposed near surface.

Outcrop exposed in trenches displays weak to moderate limonite development on fractures. Where fracture intensity increases to form discrete fracture zones, argillic alteration is frequently better developed, eg. trenches 25, and 30. Quartz veinlets and minor silicification are evident in trenches 26, 27, and 30.

Mineralization consists of fracture controlled and disseminated pyrite up to 10% in mafic volcanoclastics. Disseminated chalcopyrite, galena, and sphalerite accompany pyrite in association with a quartz vein in trench 27.

GEOCHEMISTRY

Procedure

Trenches were dug with a backhoe to a maximum depth of 3 m and a width of 0.8 m. The trench floor was cleared of loose material and outcrop was channel sampled. A total of 28 samples were collected for Au and Ag analysis. Sample intervals were usually 2 m in length, however occasionally shorter intervals were necessary. Samples were obtained with the aid of a hammer, moil, and chisel, and put in standard plastic bags. Sample weight averaged 2 kg. Sample descriptions were recorded on a computer coded card which was submitted for data storage in Vancouver.

Rock samples were sent to Bondar-Clegg & Co., 130 Pemberton Ave, North Vancouver for analysis. The samples were crushed and pulverized to -150 mesh. A 30 g pulp sample was subjected to fire assay preconcentration and analyzed for Au by atomic absorption. For Ag, a 0.5 g sample was dissolved in a hot HCL-HNO₃ solution and analyzed by atomic absorption. Samples returning over 1000 ppb Au were assayed. Whole rock analysis was performed by X-Ray Assay Laboratories Limited, 1885 Leslie Street, Don Mills,

LEGEND

LEGEND FOR FIGURE 5 TO 11

LITHOLOGY

1 MAFIC VOLCANICLASTICS

- a debris flow, agglomerate
- b crystal tuff, augite dominant
- c crystal tuff, feldspar dominant
- f lapilli tuff
- g no textures recognized (usually ash tuff)

2 FELSIC VOLCANICS

rhyolite (quartz eye)

4 MAFIC INTRUSIONS

- a gabbro
- b lamprophyre

5 FELSIC INTRUSIONS

syenite

6 SEDIMENTS

- a argillite
- b pyritic chert
- ob overburden

ALTERATION

- P propylitization (PW not indicated)
- C carbonatization
- F hematization
- M argillic alteration
- Q silicification
- S sericitization
- Y limonitization $\begin{matrix} \text{FW} \\ \text{S} \end{matrix}$ fracture controlled pervasive
- strong overall alteration

VEINS and MINERALIZATION

- D disseminated
- S stringers / small lenses $\begin{matrix} \text{q} \\ \text{c} \end{matrix}$ quartz carbonate
- V veins / large lenses
- Py pyrite
- Cp chalcopyrite
- Ga galena
- Sp sphalerite
- Mal malachite
- Hem hematite
- Chl chlorite

SYMBOLS

- alteration boundary
- lithological boundary
- sample interval
- sample location
- 20_ vein, stringer
- 15_ fracture
- contact
- / / vertical
- XXX fractured
- ⊙ grid reference
- metres from northend

Au (g/t), Ag (g/t)
metres

trench bottom chip sample

• 2m if not indicated

FALCONBRIDGE LTD.

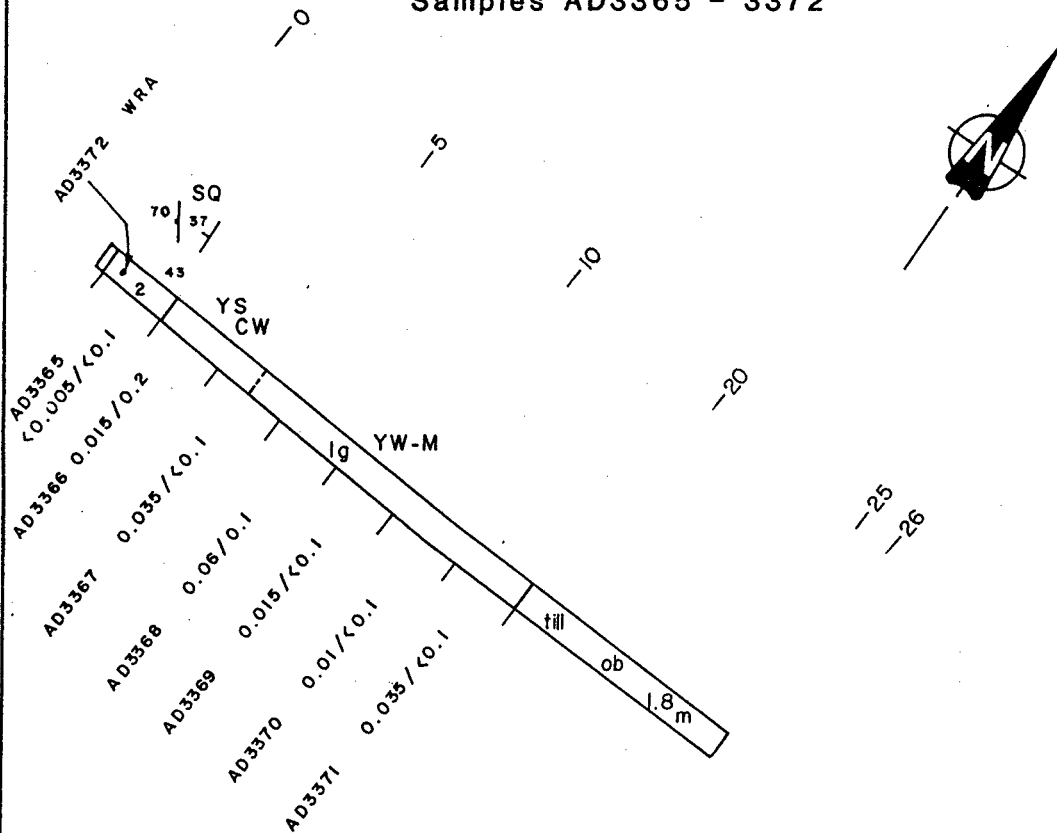
LEGEND FOR TRENCH MAPS

DATE: Nov. 1987

Figure No: 4

TRENCH NO. 14

Samples AD3365 - 3372



FOR LEGEND SEE FIGURE: 4

24+00W
23+60 N

WRA - whole rock analysis

Au (g/t), Ag (g/t)
metres*

trench bottom chip samples

* 2m, if not indicated

FALCONBRIDGE LTD.

TRENCH NO.14
ACE IN THE HOLE CLAIM

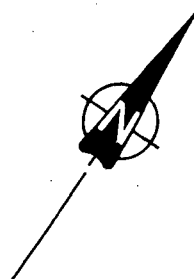
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WORK BY	DRAWN BY	DATE
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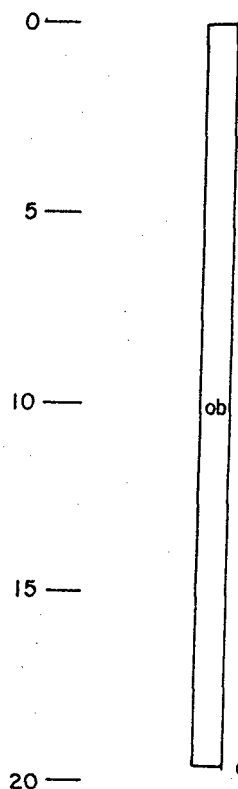
0 5 10
SCALE IN METRES 1 : 200

Figure: 5

24+ 00W
23+ 20N



TRENCH NO. 15



approximately 1.8m. till

no bedrock exposed

no samples taken

FOR LEGEND SEE FIGURE: 4

FALCONBRIDGE LTD.

TRENCH NO. 15 ACE IN THE HOLE CLAIM

PROJ. 112

WORK BY

DRAWN BY

DATE: JULY 15, 1987

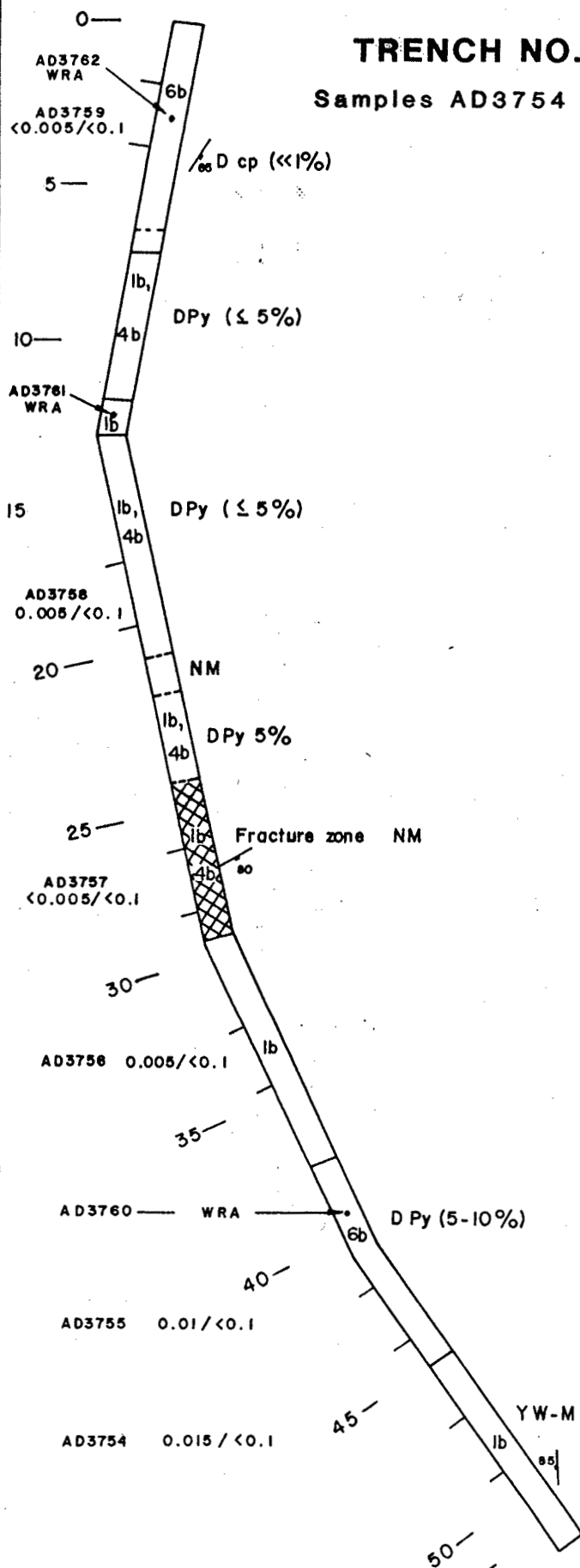
EB

ER

0 5 10

Scale 1:200

Figure: 6



WRA — whole rock analysis

$\frac{\text{Au (g/t), Ag (g/t)}}{\text{metres}^*}$

trench bottom chip samples

* 2m, if not indicated

FOR LEGEND SEE FIGURE: 4

FALCONBRIDGE LTD.

TRENCH NO. 25
ACE IN THE HOLE CLAIM

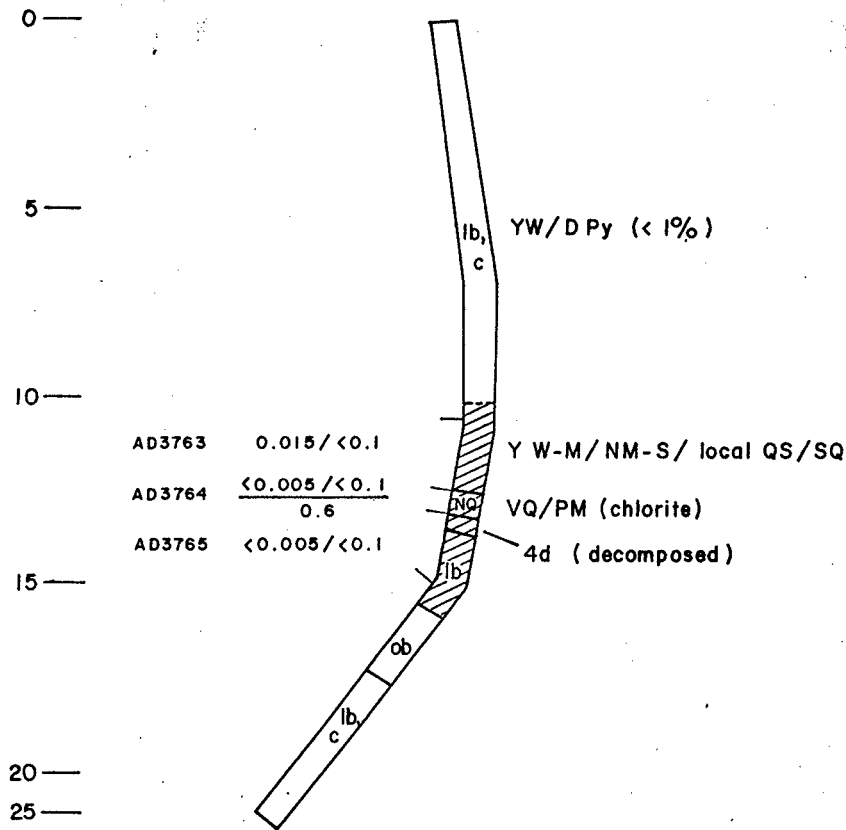
PROJ. 112

WORK BY	DRAWN BY	DATE: JULY 20, 1987
EG	ER	
0 5 10 SCALE IN METRES 1:200		

Figure: 7

TRENCH NO. 26

Samples AD3763 - 3765



FOR LEGEND SEE FIGURE: 4

Au (g/t), Ag (g/t)
metres *

trench bottom chip samples

* 2m, if not indicated

FALCONBRIDGE LTD.

TRENCH NO. 26
ACE IN THE HOLE CLAIM

PROJ. 112

WORK BY	DRAWN BY	DATE
EG	ER	JULY 21, 1987

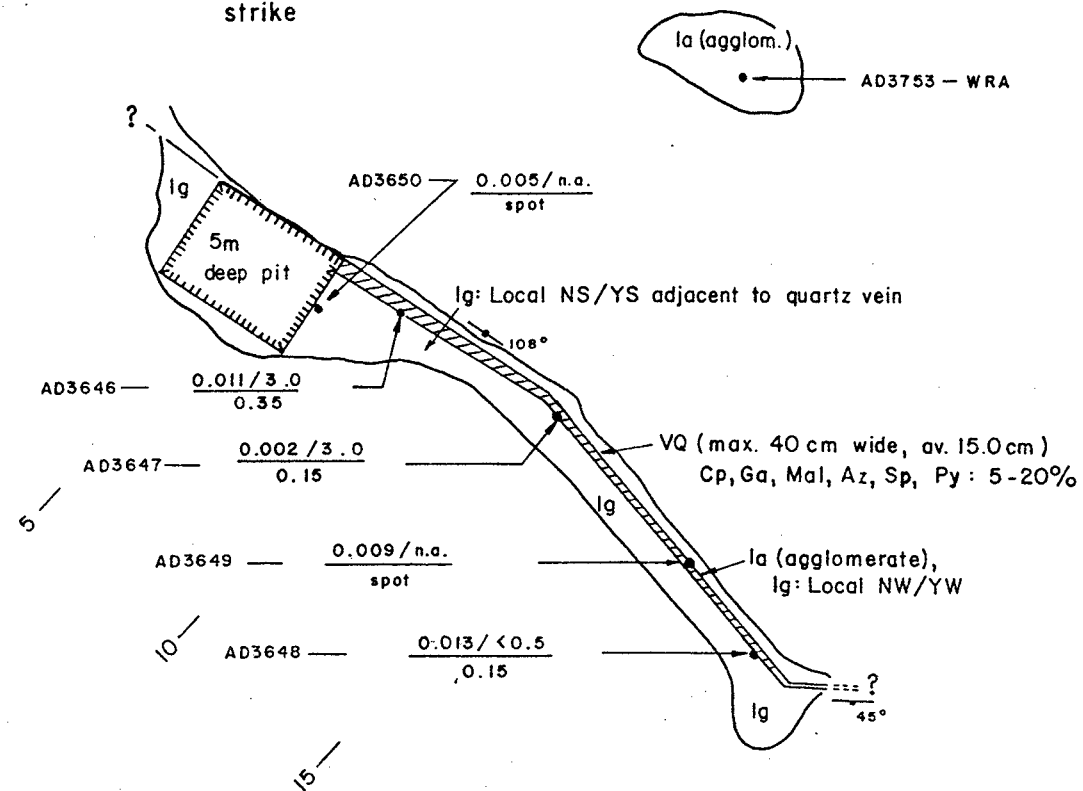
0 5 10
SCALE IN METRES 1:200

Figure: 8

TRENCH NO. 27

Samples AD3646 - 3650

Trench exposing quartz vein along strike



%	Cu	Zn	Pb
AD3646	0.058	0.055	0.037
AD3647	0.027	0.053	0.032
AD3648	0.0029	0.022	0.0014

TRENCH NO. 28 & 29

NO. 29

Samples AD3783, 3784

AD3783 0.01/<0.1

AD3784 0.15/<0.1

No alteration

NO. 28

Samples AD3766, 3767

AD3766 <0.005/<0.1

AD3767 <0.005/<0.1

n.a. - not assayed

WRA - whole rock analysis

Au (g/t), Ag (g/t)
metres *

trench bottom chip samples

* 2m, if not indicated

FOR LEGEND SEE FIGURE: 4

FALCONBRIDGE LTD.

TRENCH NO. 27, 28
& 29
ACE IN THE HOLE CLAIM

PROJ. 112

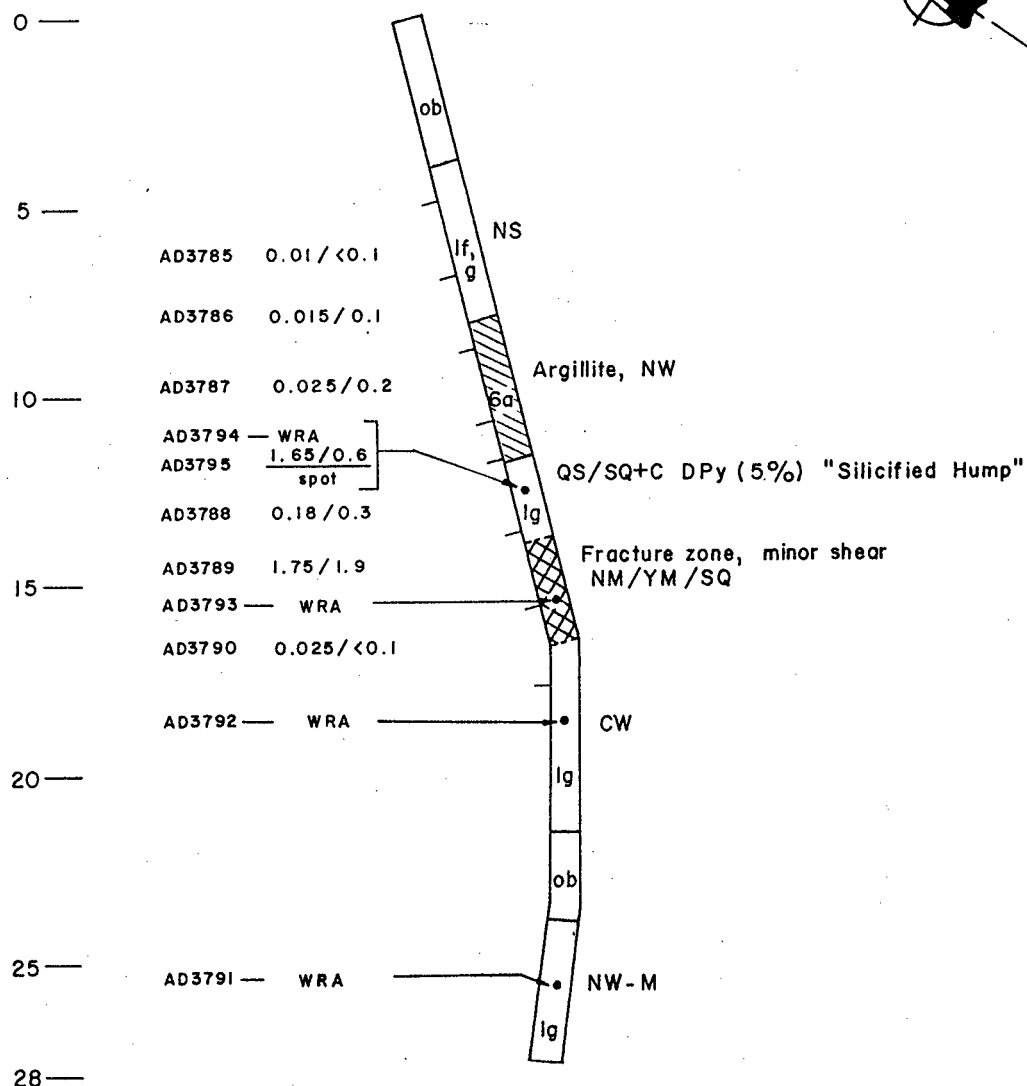
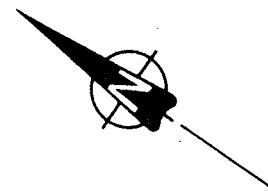
WORK BY EG	DRAWN BY ER	DATE JULY 21, 1987
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0 5 10
SCALE IN METRES 1:200

Figure: 9

TRENCH NO. 30

Samples AD3785 - 3795



FOR LEGEND SEE FIGURE: 4

WRA - whole rock analysis

Au (g/t), Ag (g/t)
metres*

trench bottom chip samples

* 2m, if not indicated

FALCONBRIDGE LTD.

TRENCH NO. 30
ACE IN THE HOLE CLAIM

PROJ. 112

WORK BY

DRAWN BY

DATE, JULY 21, 1987

EG

ER

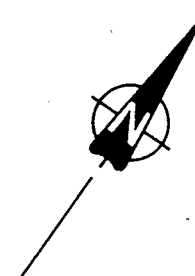
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SCALE IN METRES 1 : 200

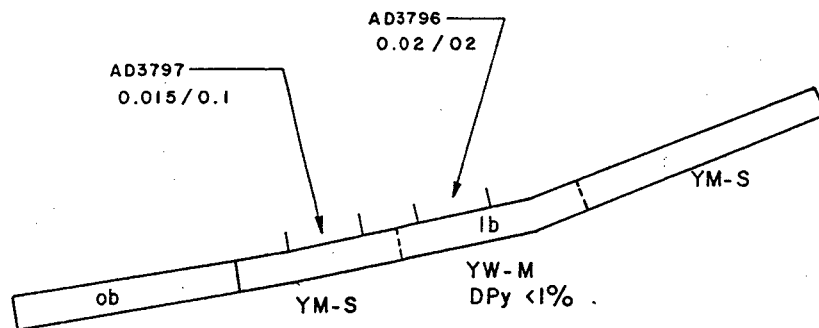
Figure: 10

TRENCH NO. 31

Samples AD3796, 3797



26+ 00W
 © 26+ 50N



FOR LEGEND SEE FIGURE: 4

Au (g/t), Ag (g/t)
 metres *

trench bottom chip samples

* 2m, if not indicated

FALCONBRIDGE LTD.

TRENCH NO. 31 ACE IN THE HOLE CLAIM

PROJ. 112

WORK BY	DRAWN BY	DATE
EB	ER	JULY 21, 1987
0 5 10 SCALE IN METRES 1 : 200		

Figure: 11

Ontario. Samples were crushed to 0.64 cm and pulverized with a chrome-steel mill to -200 mesh. For whole rock analysis, 1.3 g of the pulp was roasted, and fused with lithium metaborate to produce a glass button, which was analyzed by X-ray fluorescence. Preconcentration of a 20 g pulp sample for Au was done by standard fire assay. A 0.25 g sample was used for Cu, Zn, Pb, and Ag employing a standard acid extraction. Both analyses were finished by DCP.

RESULTS

Gold values obtained from trench samples ranged from 0.005 ppb to 1750 ppb. With the exception of a grab sample and a channel sample which ran 1.65 g/t and 1.75 g/t Au respectively in trench 30, no Au values > 1000 ppb were obtained. Ag values reached a maximum of 3.0 g/t over two short sample intervals in trench 27. Cu, Pb, Zn values associated with a quartz vein in trench 27 were low. Analytical results are presented on individual trench maps and in Appendix 1.

PERSONNEL

EBO BAKKER MSc.	Project Geologist	June 17, 18, 1987
ERIC GRILL BSc.	Field Geologist	June 17, 1987
T. E. SIKORA	Field Assistant	June 17, 1987

STATEMENT OF COSTS

ACE IN THE HOLE CLAIM

Personnel

E. Bakker	Geologist	2 days @ \$150/d	\$300.00
E. Grill	Geologist	1 day @ \$108/d	\$108.00
T. Sikoira	Assistant	1 day @ \$72/d	\$ 72.00
			<u>\$480.00</u>

Room and Board	4 man/days @ \$65/d	\$260.00
----------------	---------------------	----------

Transportation		\$130.00
----------------	--	----------

Field Supplies		\$ 32.33
----------------	--	----------

Trenching	backhoe 13.5 hr @ \$55/hr	\$742.50
	Truck 2 hr @ \$50/hr	\$100.00
		<u>\$842.50</u>

Geochemistry

Bondar Clegg

Rock sample prep.	29x\$3.25	\$ 94.25
Au, Ag analysis	7x\$8.75	\$ 61.25
Au, Ag analysis	22x\$10.00	\$220.00

X-Ray Assay Labs

Rock sample prep.	14x\$3.15	\$ 44.10
17 Element Anal.	11x\$18.50	\$203.50
Cu, Pb, Zn, Ag	3x\$5.80	\$ 17.40
Au Analysis	6x\$7.00	\$ 42.00
		<u>\$682.50</u>

Report Preparation	\$400.00
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TOTAL EXPENDITURE	<u>\$2,827.33</u>
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STATEMENT OF COSTS

ACE IN THE HOLE CLAIM

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E. Bakker	Geologist	2 days @ \$150/d	\$300.00
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Geochemistry

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X-Ray Assay Labs		
Rock sample prep.	14x\$3.15	\$ 44.10
17 Element Anal.	11x\$18.50	\$203.50
Cu, Pb, Zn, Ag	3x\$5.80	\$ 17.40
Au Analysis	6x\$7.00	\$ 42.00
		<u>\$708.32</u>

Report Preparation		\$400.00
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TOTAL EXPENDITURE	<u>\$2,853.05</u>
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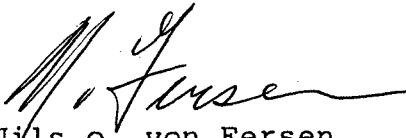

Dated November 13th, 1987
Vancouver, B.C.

STATEMENT OF QUALIFICATIONS

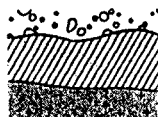
I, Nils O. von Fersen, of Vancouver, B.C., do hereby certify that:

1. I am a Geologist with offices at #701-1281 West Georgia Street, Vancouver B.C.
2. I am a graduate of the University of British Columbia, with a BSc degree (1967) in Geology.
3. I have been actively engaged in geological exploration since 1965
4. I am presently employed by Falconbridge Limited.
5. I supervised work carried out on the property.

Dated at Vancouver this 13th day of November, 1987.


Nils O. von Fersen
Geologist

APPENDIX I



REPORT: 127-4244

PROJECT: 103,139,112

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Au 30g PPB		SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Au 30g PPB
R2 AD3365		<0.1		<5	Trench 14					
R2 AD3366		0.2		15						
R2 AD3367		<0.1		35						
R2 AD3368		0.1		60						
R2 AD3369		<0.1		15						
R2 AD3370		<0.1		10						
R2 AD3371		<0.1		35						
R2 AD3374		0.2		20						
R2 AD3375		<0.1		10						
R2 AD3376		0.1		10						
R2 AD3754			<0.1	15						
R2 AD3755			<0.1	10						
R2 AD3756			<0.1	5						
R2 AD3757			<0.1	<5						
R2 AD3758			<0.1	5						
R2 AD3759			<0.1	<5						
R2 AD3763			<0.1	15						
R2 AD3764			<0.1	<5						
R2 AD3765			<0.1	<5						
R2 AD3766			<0.1	<5						
R2 AD3767			<0.1	<5						
R2 AD3781			<0.1	10						
R2 AD3782			<0.1	10						
R2 AD3783			<0.1	10						
R2 AD3784			<0.1	15						
R2 AD3785			<0.1	10						
R2 AD3786			0.1	15						
R2 AD3787			0.2	25						
R2 AD3788			0.3	180						
R2 AD3789			1.9	1750						
R2 AD3790			<0.1	25						
R2 AD3795			0.6	1650						
R2 AD3796			0.2	20						
R2 AD3797			0.1	15						
R2 AD3798			0.1	25						
R2 AD3799			0.1	25						



REPORT: 627-4244

PROJECT: 103,139,112

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
------------------	------------------	-----------

R2 AD3751		0.061
-----------	--	-------

R2 AD3778		0.032
-----------	--	-------

R2 AD3789		0.053
-----------	--	-------

R2 AD3795		0.052
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← Trench 3a
←

PN 103,139,112

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SAMPLE	AU PPB	CU PPM	ZN PPM	AG PPM	PB PPM	
AD3372	--	--	--	--	--	
AD3615	--	--	--	--	--	
AD3641	--	--	--	--	--	
AD3646	11	580.	550.	3.0	370	Trench 27
AD3647	2	270.	530.	3.0	320	
AD3648	13	29.0	220.	<0.5	14	
AD3649	9	--	--	--	--	
AD3650	5	--	--	--	--	
AD3704	--	--	--	--	--	
AD3705	--	--	--	--	--	
AD3706	--	--	--	--	--	
AD3707	--	--	--	--	--	
AD3708	--	--	--	--	--	
AD3712	--	--	--	--	--	
AD3713	--	--	--	--	--	
AD3714	--	--	--	--	--	
AD3715	--	--	--	--	--	
AD3716	--	--	--	--	--	
AD3717	--	--	--	--	--	
AD3718	--	--	--	--	--	
AD3719	--	--	--	--	--	
AD3720	--	--	--	--	--	
AD3721	--	--	--	--	--	
AD3722	--	--	--	--	--	
AD3723	--	--	--	--	--	
AD3727	95	2700.	4500.	3.0	1700	
AD3729	--	--	--	--	--	
AD3730	17	1600.	130.	1.0	6	
AD3731	21	33000.	220.	18.0	130	
AD3732	--	--	--	--	--	
AD3733	--	--	--	--	--	
AD3734	--	--	--	--	--	
AD3735	--	--	--	--	--	
AD3741	--	--	--	--	--	
AD3745	--	--	--	--	--	
AD3753	<1	--	--	--	--	
AD3760	--	--	--	--	--	
AD3761	--	--	--	--	--	
AD3762	--	--	--	--	--	
AD3791	--	--	--	--	--	
AD3792	--	--	--	--	--	
AD3793	--	--	--	--	--	
AD3794	--	--	--	--	--	

APPENDIX II

X-RAY ASSAY LABORATORIES

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SAMPLE	SI02	AL203	CAO	MGO	NA2O	K2O	FE2O3	MNO	TI02	P2O5	CR2O3	LOI	SUM
AD3372 -	76.4	13.0	0.05	0.07	4.49	3.05	0.65	0.02	0.06	0.02	0.01	0.85	98.7
SAMPLE	SI02	AL203	CAO	MGO	NA2O	K2O	FE2O3	MNO	TI02	P2O5	CR2O3	LOI	SUM
AD3741	48.7	14.3	5.38	7.13	2.94	2.62	10.5	0.19	0.81	0.34	0.01	6.62	99.7
AD3745	46.7	12.2	8.77	3.66	3.28	3.48	7.53	0.22	0.66	0.26	<0.01	12.7	99.6
AD3753	48.1	15.8	7.97	4.03	2.06	3.11	9.04	0.16	0.66	0.40	<0.01	8.47	100.0
AD3760 -	47.8	12.5	11.3	8.26	1.27	1.86	12.4	0.33	0.82	0.24	0.01	2.31	99.2
AD3761 -	60.0	16.4	5.60	2.70	2.46	2.42	6.70	0.13	0.63	0.19	0.01	2.70	100.0
AD3762 -	52.3	16.4	7.25	4.70	2.90	3.08	8.47	0.19	0.72	0.43	<0.01	3.54	100.1
AD3791 -	57.4	18.0	1.19	3.35	3.23	2.74	8.64	0.16	0.79	0.25	<0.01	3.77	99.7
AD3792 -	54.1	17.7	3.65	3.13	2.64	3.00	8.08	0.15	0.75	0.24	<0.01	5.47	99.1
AD3793 -	55.2	19.3	0.78	1.55	5.92	1.35	9.40	0.21	0.73	0.56	<0.01	4.16	99.3
AD3794 -	53.3	19.0	2.92	2.21	4.10	2.60	8.96	0.19	0.80	0.32	<0.01	4.85	99.4

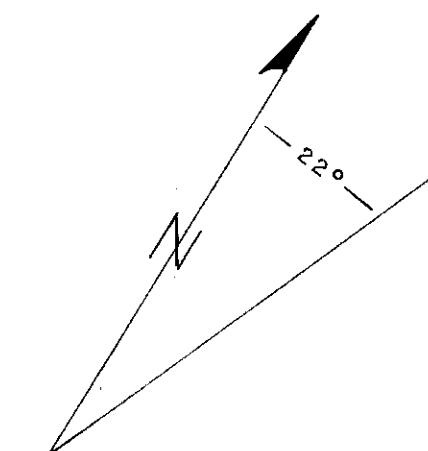
X-RAY ASSAY LABORATORIES

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SAMPLE	RB	SR	Y	ZR	NB	BA
AD3372 -	146	51	42	76	49	232
AD3741	143	530	<10	34	<10	745
AD3745	62	412	<10	17	14	664
AD3753	96	308	18	41	11	896
AD3760 -	56	271	<10	12	19	304
AD3761 -	83	219	23	51	12	376
AD3762 -	83	279	26	47	<10	534
AD3791 -	114	215	31	68	<10	821
AD3792 -	102	207	19	58	<10	896
AD3793 -	68	396	10	57	19	467
AD3794 -	89	305	14	70	19	668



LEGEND

LITHOLOGY

1 MAFIC VOLCANICLASTICS

- a Volcanic flow breccia, debris flow, block and ash, agglomerate
- b Crystal tuff (augite dominant), augite porphyry flows (ankaramite)
- c Crystal tuff (Feldspar dominant)
- d Lithic tuff
- e Olivine flow (amygdales)
- f Lapilli tuff
- g No textures recognized (usually ash tuff)

2 FELSIC VOLCANICS

- Rhyolite (quartz eye)

4 MAFIC INTRUSIONS

- a Gabbro
- b Diorite
- c Diabase
- d Lamprophyre

5 FELSIC INTRUSIONS

- Granite, granodiorite, quartz monzonite

6 SEDIMENTS

- a Argillite, greywacke, ash
- b Pyritic chert, ash argillite

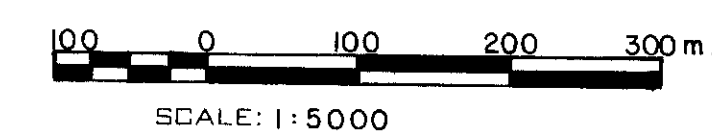
SYMBOLS

- Claim boundary
- Geological contact assume
- Fault
- Trench 1 to 31
- 476 000 E UTM Grid Reference
- 27° Bedding attitude
- Rock outcrop

Abbreviation

- Carb - Carbonate
- Hem - Hematite
- Mal - Malachite
- Py - Pyrite
- Qtz - Quartz
- Ser - Sericite
- Si - Silicified

- AD3546 Sample location and number, Au (g/t), Ag (g/t)



FALCONBRIDGE LTD.

PROPERTY:
SWIFT, GUS AND ACE IN THE HOLE CLAIMS

LOCATION:
SALMO AREA, B.C.

TYPE OF MAP:
GEOLOGY & TRENCH LOCATIONS

WORKING PLACE:

BASED ON:

DATE OF WORK: JUNE, 1987

DRAWN BY: G.T.

DATE:

MAP REF. NO.:

N.T.S. NO.: 82-F-3

FIG. NO.:

3

