

VOLUME INDEX

- Volume I Report text , Property Geology Plan (1:10,000; Figure 4), Appendix A

- Volume II Appendix B

- Volume III Appendices C to G

- Volume IV Figures 6 to 19, 21 to 23, 26 and 28.

**GEOLOGICAL BRANCH
APPENDIX B REPORT**

21,209

Part 2 of 4

APPENDIX B:
SAMPLING METHODS, ANALYTICAL METHODS,
ANALYTICAL DATA, STATISTICS,
DATA PLOTS AND RP2000'S

SAMPLING METHODS

Two types of samples were collected and analyzed, lithogeochemical for major oxides and metals, and geochemical/assay for metals and associated mineralization.

Lithogeochemical (whole rock) samples consisted of grab samples typical of the host lithology, but without any veins or sulphide mineralization. Drill core was sampled by collecting 1-2 centimetre thick core sections every 0.30 metres over a 3.0 metre width.

Surface geochemical/assay samples consisted of chip samples from 0.5 to 2 metres in length over mineralized areas. Drill core was split.

ANALYTICAL METHODS

Cominco Research Laboratory of Vancouver, B.C. analyzed the lithogeochemical samples. Ten major oxides plus LOI along with Ba, Cu, Zn, Ni, Rb, Sr, Y, Zr and Nb were analyzed using wavelength dispersive X-ray fluorescence spectrometry on a fused disc.

Bondar-Clegg and Company of North Vancouver, B.C. analyzed the chip samples for 28 elements including Cu, Pb, Zn, Ba, Ag, Au and Ni. HNO₃ - HCl hot extraction (with Mn instead of W) and analysis using ICP was used for all samples except Au and Ba. Fire assay preparation with AA finish was used for Au while x-ray fluorescence was used for Ba. Surface samples recording greater than 3000 ppm for Cu, Pb, Zn, 1000 ppb Au and 30 ppm Ag were re-analyzed using standard assay procedures for each respective element. In the drill program when any of Cu, Pb or Zn returned greater than 10,000 ppm, all were assayed.

Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
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**Geochemical
 Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01232.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #1

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 147

SUBMITTED BY: COLIN
 DATE PRINTED: 13-JUL-96

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	22	5 PPB	Fire-Assay	Fire Assay AA
2	Ag Silver	22	0.2 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	22	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	22	2 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	22	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	22	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	22	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	22	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	22	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	22	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	22	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	22	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	22	0.01 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	22	100 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	22	10 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	22	20 PPM		X-Ray Fluorescence
17	Cr Chromium	22	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	22	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	22	20 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	22	10 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	22	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminium	22	0.02 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	22	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	22	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	22	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	22	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	22	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	22	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma

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SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	8	2 -150	22	CRUSH,PULVERIZE -150	22
D DRILL CORF	14				

NOTES: = indicates SEE REMARKS

REMARKS: =Ba - Interference Noted Due To Fe.

Assay of Zn > 3000 ppm to follow on V90-01232.6

PLEASE NOTE: SAMPLE ID'S HAVE BEEN CORRECTED.

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PROJECT: 147

PAGE 18

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
R2 VA12340		<5	6.11	785	10	1100	41	14	<20	<10	2	1.10
R2 VA12341		6	6.21	571	<10	890	78	8	<20	<10	5	0.41
R2 VA12342		<5	5.19	1025	<10	730	59	19	<20	<10	6	0.93
R2 VA12343		<5	>10.00	673	73	110	154	74	<20	40	<1	3.70
R2 VA12344		<5	>10.00	459	140	<20	229	46	<20	57	<1	1.62
R2 VA12345		7	>10.00	495	21	70	255	86	<20	<10	2	5.40
R2 VA12346		10	>10.00	349	27	<20	259	84	<20	14	<1	4.10
R2 VA12347		<5	4.91	543	<10	1300	122	23	<20	<10	34	2.21
D2 VA12348		9	6.11	576	14	600	51	10	<20	<10	<1	0.76
D2 VA12349		23	7.00	625	16	530	48	8	<20	<10	<1	0.64
D2 VA12350		6	4.81	1293	<10	470	51	13	<20	<10	4	0.61
D2 VA12351		7	5.22	1078	12	440	40	18	<20	<10	5	1.50
D2 VA12352		<5	5.11	1154	<10	460	42	12	<20	<10	2	0.74
D2 VA12353		11	5.86	909	17	770	44	28	<20	<10	3	2.79
D2 VA12354		6	5.75	1722	20	820	41	23	<20	<10	2	2.30
D2 VA12355		8	9.57	982	22	520	49	65	<20	<10	1	3.98
D2 VA12356		6	>10.00	1337	16	530	51	31	<20	<10	<1	3.41
D2 VA12357		7	7.13	1385	11	640	40	32	<20	<10	2	3.42
D2 VA12358		<5	9.42	1326	17	530	49	32	<20	<10	<1	3.45
D2 VA12359		8	7.40	641	13	1200	42	9	<20	<10	1	0.58
D2 VA12360		<5	5.97	517	12	1300	43	10	<20	<10	2	0.55
D2 VA12361		5	5.74	676	14	670	37	18	<20	<10	2	0.74

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

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REPORT: V9D-01232.D

PROJECT: 147

PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
R2 VA12340		1.74	0.80	<0.05	0.22	17	3
R2 VA12341		<0.05	<0.05	<0.05	0.21	10	3
R2 VA12342		0.94	1.09	<0.05	0.19	75	6
R2 VA12343		2.48	<0.05	<0.05	<0.05	9	6
R2 VA12344		0.76	<0.05	<0.05	<0.05	10	9
R2 VA12345		4.03	0.10	<0.05	<0.05	12	3
R2 VA12346		3.19	0.51	<0.05	<0.05	15	2
R2 VA12347		1.84	<0.05	<0.05	0.23	8	4
D2 VA12348		0.50	3.53	<0.05	0.20	45	3
D2 VA12349		0.44	3.70	<0.05	0.21	41	3
D2 VA12350		1.67	3.83	<0.05	0.21	44	3
D2 VA12351		2.13	3.63	<0.05	0.22	42	3
D2 VA12352		1.76	4.28	<0.05	0.18	52	3
D2 VA12353		3.83	1.22	<0.05	0.20	40	3
D2 VA12354		4.18	2.86	<0.05	0.17	96	3
D2 VA12355		5.86	0.58	<0.05	0.11	33	3
D2 VA12356		4.57	0.85	<0.05	0.11	32	3
D2 VA12357		4.67	1.27	<0.05	0.15	45	2
D2 VA12358		4.74	1.27	<0.05	0.11	47	3
D2 VA12359		1.19	1.56	<0.05	0.26	49	3
D2 VA12360		0.86	1.47	<0.05	0.26	49	3
D2 VA12361		1.50	1.84	<0.05	0.18	56	2

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REPORT: V90-01232.6 (COMPLETE)

REFERENCE INFO: SHIPMENT #1

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 147

SUBMITTED BY: COLIN
 DATE PRINTED: 13-JUL-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Zn Zinc	2	0.01 PCT	HCl-HNO3-HF	Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	2	2 -150	2	SAMPLES FROM STORAGE	2

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PROJECT: 147 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Zn PCT
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D2 VA12353		0.75
D2 VA12354		0.73

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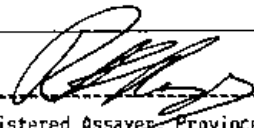
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**Geochemical
 Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: U90-01512.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #2

CLIENT: FAIRCONBRIDGE LIMITED
 PROJECT: 147

SUBMITTED BY: CQI IN
 DATE PRINTED: 10-AUG-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	5	5 PPM	Fire-Assay	Fire Assay AA
2	Ag Silver	5	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	5	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	5	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	5	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	5	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	5	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	5	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	5	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	5	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	5	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	5	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	5	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	5	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	5	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	5	20 PPM		X-Ray Fluorescence
17	Cr Chromium	5	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	5	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	5	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	5	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	5	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminum	5	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	5	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	5	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	5	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	5	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	5	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	5	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma

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Geochemical
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: U90-01512.0 (COMPLETE) REFERENCE INFO: SHIPMENT #2

CLIENT: FALCONBRIDGE LIMITED SUBMITTED BY: COLIN
 PROJECT: 147 DATE PRINTED: 10-AUG-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	5	2 -150	5	CRUSH, PULVERIZE -150	5

NOTES: = indicates SFE REMARKS

REMARKS: #Ba - interference noted due to Fe.

Assay of Cu & Zn > 3000ppm to follow
 on U90-01512.6

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PROJECT: 147 PAGE 1A

SAMPLE NUMBER	FLMFNT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mn PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
0.60m R2 VA12362 Rainbow	} ①	221	8.4	5640	1656	3017	2	13	77	12	60	199
0.70m R2 VA12363 Rainbow		47	5.0	2038	545	1112	2	12	21	5	12	129
R2 VA12367?		<5	<0.2	70	65	153	8	9	10	<1	<5	10
1.5m R2 VA12369 Rainbow	} ②	13	<0.2	2573	104	271	<1	21	12	<1	46	<5
0.90m R2 VA12370 Rainbow		12	0.9	2078	207	287	<1	21	11	<1	59	<5

① 1.3 m 3723 Cu, 1056 Pb, 2072 Zn

② 2.4 m 2390 Cu, 141 Pb, 299 Zn

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SAMPLE NUMBER	FLUX UNIT	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
R2 VA12362		14	2.66	730	<10	430	55	20	<20	<10	<1	1.76
R2 VA12363		8	>10.00	585	23	830	54	7	<20	<10	<1	0.46
R2 VA12367		<5	5.82	362	12	2100	12	15	<20	<10	65	1.51
R2 VA12369		15	3.44	1109	<10	<20=	60	41	<20	<10	<1	2.09
R2 VA12370		10	3.16	947	<10	<20=	63	52	<20	<10	<1	2.47

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PROJECT: 147 PAGE 10

SAMPLE NUMBER	FLUORINE UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
R2 VA12362		2.46	0.71	<0.05	0.09	38	3
R2 VA12363		0.85	1.76	<0.05	0.18	97	4
R2 VA12367		1.47	0.91	<0.05	0.34	151	19
R2 VA12369		1.32	0.47	<0.05	<0.05	17	4
R2 VA12370		1.38	0.30	<0.05	<0.05	12	4

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REFERENCE INFO: SHIPMENT #2

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 147

SUBMITTED BY: COI IN
 DATE PRINTED: 16-AUG-90

ORDER	ELEMENT	NUMDFR OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption
2	Zn Zinc	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption

SAMPLE TYPES	NUMDFR	SIZE FRACTIONS	NUMDFR	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	1	2 -150	1	SAMPLES FROM STORAGE	1

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PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT	Zn PCT	
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R2 VA12362		0.57	0.32	Rambow 0.60m
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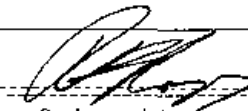
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: U90-11514.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #2

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 146

SUBMITTED BY: COI IN
 DATE PRINTED: 10-AUG-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	4	5 PPM	Fire-Assay	Fire Assay AA
2	Ag Silver	4	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	4	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	4	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	4	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	4	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	4	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	4	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	4	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	4	20 PPM		X-Ray Fluorescence
17	Cr Chromium	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	4	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	4	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminium	4	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	4	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	4	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	4	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	4	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma

Bondar-Clegg & Company Ltd.
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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01514.0 (COMPLETE) REFERENCE INFO: SHIPMENT #2

CLIENT: FALCONBRIDGE LIMITED SUBMITTED BY: COI IN
PROJECT: 146 DATE PRINTED: 10-AUG-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	4	2 -150	4	CRUSH,PULVERIZE -150	4

REMARKS: Assay of Ag > 30ppm, Cu & Pb > 3000ppm
to follow on V90-01514.6

REPORT COPIES TO: MR. NILS VON FERSEN
MR. GLEN FLETT
A.D. MC LAUGHLIN

DUPLICATE TO: MR. NILS VON FERSEN

Empty table area for additional data or notes.

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**Geochemical
 Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 10-AUG-90

REPORT: V90-01514.D

PROJECT: 146 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
R2 VA12364	Fortune 1 Air	479	>500.0	171	>10000	859	?	15	27	10	41	38
R2 VA12365	Vindtech Air w/17R	17R	1.8	583	427	117	<1	13	48	<1	30	243
R2 VA12366	Wad Air w/2	13	0.3	3030	134	46	<1	17	24	<1	24	<5
R2 VA12368	Epichloro-Rose Curtin Abbas	83	6.8	11023	24	411	<1	170	44	1	20	13

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**Geochemical
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 10-AUG-91

REPORT: U90-011514 .01

PROJECT: 146 PAGE 18

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Pt PCT
R2 VA12364		110	2.27	13790	<10	410	95	29	<20	<10	2	1.17
R2 VA12365		7	2.65	459	<10	210	115	35	<20	<10	<1	0.98
R2 VA12366		9	2.92	522	<10	140	72	16	<20	18	5	1.52
R2 VA12368		11	>10.00	3187	27	50	163	109	<20	22	8	2.24

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**Geochemical
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 10-AUG-90

REPORT: V90-11514 .0

PROJECT: 146 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Hg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
R2 VA12364		0.50	0.06	<0.05	0.31	11	7
R2 VA12365		0.67	0.46	<0.05	0.16	24	3
R2 VA12366		0.84	0.58	<0.05	0.07	20	7
R2 VA12368		0.38	7.23	0.20	<0.05	256	8

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**Certificate
 of Analysis**

REPORT: V9B-01514.6 (COMPLETE)

REFERENCE INFO: SHIPMENT #2

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 146

SUBMITTED BY: COLIN
 DATE PRINTED: 21-AUG-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag Silver	1	0.02 OPT	HCL-HNO3-HF	Atomic Absorption
2	Cu Copper	2	0.01 PCT	HCL-HNO3-HF	Atomic Absorption

3	Pb Lead	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption
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SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	3	2 - 150	3	SAMPLES FROM STORAGE	3

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 MR. GLEN FLETT
 A.D. MCLAUGHLIN

INVOICE TO: MR. NILS VON FFRSEN

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Certificate of Analysis

REPORT: U90-01514.6

DATE PRINTED: 21-AUG-90
PROJECT: 146 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT	Cu PCT	Pb PCT
R2 VA12364		4.73		2.11
R2 VA12366			0.35	
R2 VA12368			1.14	

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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V911-11537.11 (COMPLETE) REFERENCE INFO: SHIPMENT #3

CITY: FAIRBANKS/DGF LIMITED SUBMITTED BY: C. RUSSFELT
 PROJECT: 146 DATE PRINTED: 14-AUG-91

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	6	5 PPM	Fire-Assay	Fire Assay AA
2	Ag Silver	6	11.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	6	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	6	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	6	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	6	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	6	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	6	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	6	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	6	20 PPM		X-Ray Fluorescence
17	Cr Chromium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	6	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	6	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminum	6	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	6	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	6	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	6	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	6	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma

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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01537.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #3

CLIENT: FALCONBRIDGE LIMITED
PROJECT: 146

SUBMITTED BY: C. RUSSELL
DATE PRINTED: 14-AUG-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	6	2 -150	6	CRUSH,PULVERTZF -150	6

REMARKS: Assay of Cu >3000 ppm to follow on
V90-01537.6.

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MR. GLEN FLETT
A.D. MC AUGHI IN

INVOICE TO: MR. NIS VON FFRSEN

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 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01537.0

DATE PRINTED: 14-AUG-90

PROJECT: 146

PAGE 1A

SAMPLE NUMBER	DEPTH UNITS	Au 11g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Hg PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
* R2 VA12371	0.35m	48	0.9	33	68	342	<1	6	17	2	<5	64
* R2 VA12372	1.40m	51	0.5	21	32	118	<1	7	18	<1	<5	87
1.0m R2 VA12373	Harper Creek, C	13	7.9	8326	76	370	3	9	26	<1	72	83
* R2 VA12381	0.64m	15	0.9	39	68	158	<1	9	18	<1	<5	43
* R2 VA12382	1.35m	8	0.8	35	12	140	<1	8	19	<1	8	23

* R2 VA12383	0.78m	<5	0.5	38	7	112	<1	7	18	<1	<5	22
Farmhouse Luft												

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Certificate
 of Analysis

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V98-01537.6 (COMPLETE) REFERENCE INFO: SHIPMENT #3

CLIENT: FAI CAMBRIDGE LIMITED SUBMITTED BY: C. RUSSFII
 PROJECT: 146 DATE PRINTED: 16-AUG-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	1	0.01 PCT	HCl-HNO3-HF	Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	1	2 -150	1		

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REPORT: V90-01537.6

DATE PRINTED: 16-AUG-90
PROJECT: 146 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT
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R2 VA12373		0.74
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DATE PRINTED: 16-AUG-90

REPORT: V90-01537.6

PROJECT: 146 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT
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VA12373		0.74
Duplicate		0.74

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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: U911-01548,11 (COMPLETE) REFERENCE INFO: SHIPMENT #4

CLIENT: FAIRBANKS/IDG/13111111 SUBMITTED BY: COLIN
 PROJECT: 144 DATE PRINTED: 14-AUG-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	4	5 PPM	Fire Assay	Fire Assay AA
2	Ag Silver	4	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	4	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	4	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	4	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	4	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	4	0.10 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	4	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	4	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	4	20 PPM		X-Ray Fluorescence
17	Cr Chromium	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	4	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	4	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminum	4	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	4	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	4	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	4	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	4	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	4	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma

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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-111548.0 (COMPLETE) REFERENCE INFO: SHIPMENT #4

CLIENT: FALCONBRIDGE LIMITED SUBMITTED BY: COLIN
PROJECT: 146 DATE PRINTED: 14-AUG-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	4	2 -150	4	CRUSH, PULVERTIZE -150	4

REPORT COPIES TO: MR. NILS VON FERSEN
MR. GLEN FLITT
A.D. MC LAUGHLIN

INVOICE TO: MR. NILS VON FERSEN

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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 14-AUG-90

REPORT: V90-01548.0

PROJECT: 146 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPR	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
R2 VA12384	0.70m	57	1.1	48	65	154	<1	10	21	<1	<5	84
R2 VA12385	0.65m	6	0.6	16	8	88	1	8	16	<1	8	12
R2 VA12386	0.44m	<5	0.5	36	41	176	<1	6	16	<1	5	10
R2 VA12387	0.85m	<5	0.7	43	24	147	<1	26	26	<1	5	18

Farmhouse Tuff

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**Geochemical
 Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 14-AUG-90

REPORT: 090-111548.D

PROJECT: 146 PAGE 10

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
R2 VA12384		7	4.88	498	<10	540	51	17	<20	<10	3	1.41
R2 VA12385		<5	5.07	1152	<10	360	48	17	<20	<10	2	0.95
R2 VA12386		7	4.62	1168	<10	380	35	10	<20	<10	3	0.37
R2 VA12387		<5	7.60	1934	<10	360	110	79	<20	<10	3	3.55

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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 14-AUG-90

REPORT: U9D-101548.R

PROJECT: 146 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
R2 VA12384		1.50	1.53	<0.05	0.20	21	2
R2 VA12385		2.07	4.23	0.06	0.17	52	4
R2 VA12386		1.72	4.80	0.05	0.12	50	4
R2 VA12387		3.88	4.10	<0.05	0.07	54	5

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**Geochemical
 Lab Report**

A DIVISION OF INDIAN CAPE INSPECTION & TESTING SERVICES

REPORT: V90-01818-0 (COMPLETE)			REFERENCE INFO:			
CLIENT: FALCONBRIDGE LIMITED PROJECT: 147			SUBMITTED BY: C. RUSSELL DATE PRINTED: 31-AUG-90			
ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD	
1	Au 10g Gold - Fire Assay	1	5 PPB	Fire-Assay	Fire Assay AA	
2	Ag Silver	1	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
3	Cu Copper	1	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
4	Pb Lead	1	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
5	Zn Zinc	1	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
6	Mo Molybdenum	1	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
7	Ni Nickel	1	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
8	Co Cobalt	1	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
9	Cd Cadmium	1	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
10	Bi Bismuth	1	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
11	As Arsenic	1	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
12	Sb Antimony	1	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
13	Fe Iron	1	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
14	Mn Manganese	1	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
15	Te Tellurium	1	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
16	Ba Barium	1	20 PPM		X-Ray Fluorescence	
17	Cr Chromium	1	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
18	V Vanadium	1	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
19	Sn Tin	1	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
20	W Tungsten	1	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
21	La Lanthanum	1	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
22	Al Aluminum	1	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
23	Mg Magnesium	1	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
24	Ca Calcium	1	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
25	Na Sodium	1	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
26	K Potassium	1	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
27	Sr Strontium	1	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
28	Y Yttrium	1	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	

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Geochemical
Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01818.0 (COMPLETE) REFERENCE INFO:

CLIENT: FALCONBRIDGE LIMITED SUBMITTED BY: C. RUSSELL
PROJECT: 147 DATE PRINTED: 31-AUG-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	1	2 -150	1	CRUSH,PULVERIZE -150	1

REMARKS: ASSAY OF Au & Zn TO FOLLOW ON V90-01818.6

REPORT COPIES TO: MR. NILS VON FERSEN
MR. GLEN FLETT
A.D. MCLAUGHLIN

INVOICE TO: MR. NILS VON FERSEN

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Geochemical
Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01818.0

DATE PRINTED: 31-AUG-90

PROJECT: 147

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PP8	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
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R2 VA12376		3166	5.0	2222	1808	4515	3	15	138	25	41	322
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L. Orington Property - memo by D. McLaughlin?

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Geochemical
Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: Y90-01818.0

DATE PRINTED: 31 AUG 90

PROJECT: 147

PAGE 18

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
R2 VA12376		15	3.47	190	<10	<20	65	18	<20	<10	<1	1.14

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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01818.0

DATE PRINTED: 31-AUG-90
PROJECT: 147 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
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R2 VA12376		0.85	<0.05	<0.05	<0.05	1	2
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Certificate
 of Analysis

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01818.6 (COMPLETE)

REFERENCE INFO:

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 147

SUBMITTED BY: C. RUSSELL
 DATE PRINTED: 2-OCT-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold (Gravimetric)	1	0.005 OPT		Fire Assay
2	Zn Zinc	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	1	2 -150	1	SAMPLES FROM STOPPAGE	1

NOTES: = indicates SEE REMARKS

REMARKS: WE HAVE RUN THIS SAMPLE SEVERAL TIMES AND HAVE REPORTED THE AVERAGE. IT WAS NOTED THAT THE RESULT IS LOWER THAN THE ORIGINAL RESULT.

REP V90-01818.0.

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 MR. GLEN FLETT
 P.O. BOX 20000

INVOICE TO: MR. NILS VON FERSEN

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01818.6

DATE PRINTED: 2-OCT-90

PROJECT: 147

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Zn PCT
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R2 VA12376		0.035=	0.63
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 2-OCT-90

REPORT: V90-01818.6

PROJECT: 147

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Zn PCT
VA12376		0.005=	0.63
Duplicate			0.63

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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01819.D (COMPLETE)

REFERENCE INFO: SHIPMENT #5

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 146

SUBMITTED BY: C. RUSSELL
 DATE PRINTED: 31-AUG-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	6	5 PPB	Fire-Assay	Fire Assay AA
2	Ag Silver	6	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	6	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	6	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	6	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	6	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	6	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	6	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	6	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	6	20 PPM		X-Ray Fluorescence
17	Cr Chromium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	6	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	6	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminum	6	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	6	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	6	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	6	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	6	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma

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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01819.0 (COMPLETE) REFERENCE INFO: SHIPMENT #5

CLIENT: FALCONBRIDGE LIMITED SUBMITTED BY: C. RUSSELL
PROJECT: 146 DATE PRINTED: 31-AUG-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	6	2 -150	6	CRUSH, PULVERIZE -150	6

NOTES: = indicates SEE REMARKS

REMARKS: = Ba - INTERFERENCE NOTED DUE TO Zn & Pb.

ASSAY OF Pb & Zn TO FOLLOW ON V90-01819.6

REPORT COPIES TO: MR. NILS VON FERSEN
MR. GLEN FLETT
A.D. MCLAUGHLIN

INVOICE TO: MR. NILS VON FERSEN

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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01819.0 DATE PRINTED: 31-AUG-90
PROJECT: 146 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
R2 VA12400		45	3.8	91	1955✓	1635	3	10	14	7	<5	27
R2 VA12401		16	1.9	164	843✓	1098	3	12	7	3	<5	15
R2 VA12402		33	8.5	262	7496✓	10555✓	10	14	19	54	22	57
R2 VA12403		28	1.2	71	673✓	432	2	8	5	<1	<5	41
R2 VA12404		20	0.9	104	327✓	538	2	21	13	4	<5	20

R2 VA12405		42	2.8	2785✓	30	248	1	90	23	<1	8	<5
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Trace Samples #1

Empty table rows for additional data or notes.

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01819.6 (COMPLETE)

REFERENCE INFO: SHIPMENT #5

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 146

SUBMITTED BY: C. RUSSELL
 DATE PRINTED: 10-SEP-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Pb Lead	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption
2	Zn Zinc	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	1	2 -150	1	SAMPLES FROM STORAGE	2

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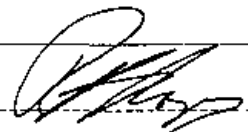
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A DIVISION OF ENTHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01819.6

DATE PRINTED: 10-SEP-90
PROJECT: 146 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PCT	Zn PCT
R2 VA12402		0.75	1.19


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REPORT: V90-01819.6

DATE PRINTED: 10-SEP-90

PROJECT: 146

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Pb PCT	Zn PCT
VA12402		0.75	1.19
Duplicate		0.75	1.18

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**Geochemical
 Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01871.0 (COMPLETE)			REFERENCE INFO: SHIPMENT #6			
CLIENT: FALCONBRIDGE LIMITED PROJECT: 146			SUBMITTED BY: COLIN DATE PRINTED: 10-SEP-90			
ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD	
1	Au 10g Gold - Fire Assay	10	5 PPB	Fire-Assay	Fire Assay AA	
2	Ag Silver	10	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
3	Cu Copper	10	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
4	Pb Lead	10	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
5	Zn Zinc	10	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
6	Mo Molybdenum	10	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
7	Ni Nickel	10	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
8	Co Cobalt	10	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
9	Cd Cadmium	10	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
10	Bi Bismuth	10	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
11	As Arsenic	10	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
12	Sb Antimony	10	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
13	Fe Iron	10	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
14	Mn Manganese	10	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
15	Te Tellurium	10	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
16	Ba Barium	10	20 PPM		X-Ray Fluorescence	
17	Cr Chromium	10	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
18	V Vanadium	10	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
19	Sn Tin	10	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
20	W Tungsten	10	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
21	La Lanthanum	10	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
22	Al Aluminum	10	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
23	Mg Magnesium	10	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
24	Ca Calcium	10	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
25	Na Sodium	10	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
26	K Potassium	10	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
27	Sr Strontium	10	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
28	Y Yttrium	10	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	

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Geochemical
Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01871.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #6

CLIENT: FALCONBRIDGE LIMITED
PROJECT: 146

SUBMITTED BY: COLIN
DATE PRINTED: 10-SEP-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	10	2 -150	10	CRUSH,PULVERIZE -150	10

REMARKS: Assay of Pb and Zn >3000.0 ppm to follow on
V90-01871.6.

REPORT COPIES TO: MR. NILS VON FERSEN
MR. GLEN FLETT
A.D. McLAUGHLIN

INVOICE TO: MR. NILS VON FERSEN

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**Geochemical
 Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 10-SEP-90

REPORT: V90-01871.0

PROJECT: 146

PAGE 18

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
R2 VA12377		16	9.22	1593	21	330	84	93	<20	<10	8	7.22
R2 VA12406		<5	>10.00	962	16	2900	58	28	<20	<10	3	3.39
R2 VA12407		<5	6.68	648	<10	3800	67	13	<20	<10	5	1.62
R2 VA12409		6	8.98	674	15	1000	106	57	<20	<10	8	4.24
R2 VA12410		7	7.74	789	<10	1000	94	66	<20	<10	8	4.69
R2 VA12411		<5	7.00	810	12	760	98	113	<20	<10	4	5.16
R2 VA12412		5	6.73	842	11	860	105	39	<20	<10	8	2.71
R2 VA12413		<5	6.52	1026	13	1300	91	59	<20	<10	12	4.06
R2 VA12414		<5	5.21	737	<10	350	61	55	<20	<10	5	2.35
R2 VA12415		10	>10.00	349	24	320	394	143	<20	<10	4	4.28

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01871.6 (COMPLETE)

REFERENCE INFO: SHIPMENT #6

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 146

SUBMITTED BY: COI IN
 DATE PRINTED: 14-SEP-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Pb Lead	1	0.01 PPT	HCl-HNO3 HF	Atomic Absorption
2	Zn Zinc	2	0.01 PPT	HCl-HNO3-HF	Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
10 ROCK OR RPD ROCK	2	2 -150	2	SAMPLES FROM STORAGE	2

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 A.D. CLAUGILIN

INVOICE TO: MR. NILS VON FERSEN

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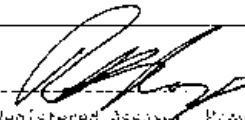
DATE PRINTED: 14-SEP-98

REPORT: U98-01871.A

PROJECT: 146 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PCT	Zn PCT
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R2 UA12377		1.64	0.60
R2 UA12415			0.35


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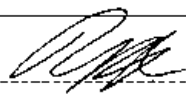
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DATE PRINTED: 14-SEP-98

REPORT: V90-01871.6

PROJECT: 144 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Pb PCT	Zn PCT
VA12377		1.64	0.60
Duplicate		1.65	0.60
VA12415			0.35
Duplicate			0.33


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REPORT: V90-01879.4 (COMPLETE) REFERENCE INFO: SHIPMENT #6

CLIENT: FALCONBRIDGE LIMITED SUBMITTED BY: COLIN
 PROJECT: 146 DATE PRINTED: 10-SEP-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	1	0.002 OPT		Fire Assay
2	Ag Silver	1	0.02 OPT		Fire Assay
3	Cu Copper	1	0.01 PCT	HCL-HNO3-HF	At Absorp -low level
4	Pb Lead	1	0.01 PCT	HCL-HNO3-HF	At Absorp -low level
5	Zn Zinc	1	0.01 PCT	HCL-HNO3-HF	At Absorp -low level

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	1	2 -150	1	CRUSH,PULVERIZE -150	1

REPORT COPIES TO: MR. NILS VON FERSEN

INVOICE TO: MR. NILS VON FERSEN

MR. GLEN FLETT
 A.D. MCLAUGHLIN

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North Vancouver, B.C.
V7P 2R5
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01879.4

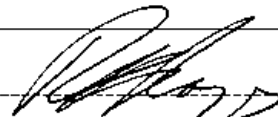
DATE PRINTED: 10-SEP-90

PROJECT: 146

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Cu PCT	Pb PCT	Zn PCT
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R2 VA12408		0.005	0.25	0.98	0.04	0.33
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Registered Assayer, Province of British Columbia

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-01879.4

DATE PRINTED: 10-SEP-90

PROJECT: 146

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Cu PCT	Pb PCT	Zn PCT
VA12408		0.005	0.25	0.98	0.04	0.33
Duplicate				0.98	0.04	0.32

Registered Assayer, Province of British Columbia

Bondar-Clegg & Company Ltd.
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 V7P 2R5
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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: U9D-02196.D (COMPLETE)				REFERENCE INFO: SHIPMENT #8		
CLIENT: FALCONBRIDGE LIMITED PROJECT: 147				SUBMITTED BY: COLIN DATE PRINTED: 3-OCT-98		
ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD	
1	Au 10g Gold - Fire Assay	9	5 PPM	Fire-Assay	Fire Assay AA	
2	Ag Silver	9	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
3	Cu Copper	9	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
4	Pb Lead	9	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
5	Zn Zinc	9	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
6	Mo Molybdenum	9	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
7	Ni Nickel	9	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
8	Co Cobalt	9	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
9	Cd Cadmium	9	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
10	Bi Bismuth	9	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
11	As Arsenic	9	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
17	Sb Antimony	9	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
13	Fe Iron	9	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
14	Mn Manganese	9	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
15	Tl Tellurium	9	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
16	Ba Barium	9	20 PPM		X-Ray Fluorescence	
17	Cr Chromium	9	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
18	V Vanadium	9	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
19	Sb Tin	9	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
20	W Tungsten	9	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
21	La Lanthanum	9	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
22	Al Aluminium	9	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
23	Mg Magnesium	9	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
24	Ca Calcium	9	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
25	Na Sodium	9	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
26	K Potassium	9	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
27	Sr Strontium	9	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	
28	Y Yttrium	9	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma	

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
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(04) 985-0681 Telex 04-352667



Geochemical
Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: U90-02196.0 (COMPLETE) REFERENCE INFO: SHIPMENT #8

CLIENT: FALCONBRIDGE LIMITED SUBMITTED BY: COLIN
PROJECT: 147 DATE PRINTED: 3-OCT-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR RED ROCK	9	2 -150	9	CRUSH, PULVERIZF -150	9

REMARKS: Assay of Cu >3000 ppm to follow on U90-02196.6.

REPORT COPIES TO: MR. NILS VON FERSEN
MR. GLEN FIFTT
A.D. McLAUGHLIN

INVOICE TO: MR. NILS VON FERSEN

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 North Vancouver, B.C.
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**Geochemical
 Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 3-OCT-90

REPORT: V90-02196.D

PROJECT: 147 PAGE 18

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Pb PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
R2 VA12378		8	3.38	129	<10	<20	82	19	<20	<10	<1	0.21
R2 VA12377		<5	>10.00	401	15	1300	43	14	<20	13	2	1.09
R2 VA12388		<5	8.85	779	14	1900	17	15	<20	11	4	0.51
R2 VA12389		<5	2.30	339	<10	360	86	37	<20	<10	2	2.74
R2 VA12390		7	2.89	<100	<10	78	104	27	<20	<10	<1	1.70
R2 VA12391		11	2.99	132	<10	140	101	30	<20	<10	<1	2.18
R2 VA12392		<5	5.70	734	<10	760	75	8	<20	<10	2	0.37
R2 VA12416		10	3.02	333	<10	760	87	24	<20	<10	<1	2.76
R2 VA12417		<5	8.04	577	16	1300	76	29	<20	<10	15	2.60

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 of Analysis

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V911-112196.6 (COMPLETE)	REFERENCE INFO: SHIPMENT #8
CLIENT: FALCONBRIDGE LIMITED PROJECT: 147	SUBMITTED BY: COLIN DATE PRINTED: 9-OCT-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	1	0.01 PCT	HCl-HNO3-HF	Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	1	2 -150	1	SAMPLES FROM STORAGE	1

REPORT COPIES TO: MR. NILS VON FERSEN
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 A.D. MC AUGHTON

INVOICE TO: MR. NILS VON FERSEN

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 9-OCT-90

REPORT: V911-H2196.6

PROJECT: 147 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	CU PCT
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V812416		0.55
Duplicate		0.56

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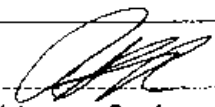
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02377.1 (COMPLETE)

REFERENCE INFO: SHIPMENT 49

CLIENT: FALCONBRIDGE LIMITED
PROJECT: 146

SUBMITTED BY: ADM
DATE PRINTED: 18-OCT-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	9	0.002 OPT		Fire Assay
2	Ag Silver	9	0.02 OPT		Fire Assay

3	Ba Barium	9	0.01 PCT		Atomic Absorption
4	Cu Copper	9	0.01 PCT	HCL-HNO3-HF	Atomic Absorption
5	Pb Lead	9	0.01 PCT	HCL-HNO3-HF	Atomic Absorption
6	Zn Zinc	9	0.01 PCT	HCL-HNO3-HF	Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	9	2 -150	9	CRUSH,PULVERIZE	-150 9

REPORT COPIES TO: MR. WILS VON FERSEN

INVOICE TO: MR. WILS VON FERSEN

MR. GLEN FLETT
A.D. MCLAUGHLIN

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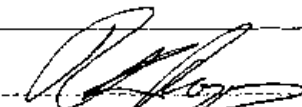
DATE PRINTED: 18-OCT-90

REPORT: V90-02377.4

PROJECT: 146

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Ba PCT	Cu PCT	Pb PCT	Zn PCT
D2 VA14514		0.003	0.50	0.10	0.27	1.02	1.24
D2 VA14515		0.003	0.26	0.08	0.28	0.60	0.94
D2 VA14516		<0.002	0.06	0.09	0.02	0.11	0.08
D2 VA14517		<0.002	0.09	0.10	0.06	0.37	0.53
D2 VA14518		<0.002	0.30	0.12	0.05	0.37	0.97
D2 VA14519		0.007	2.38	0.03	1.13	2.07	6.60
D2 VA14520		<0.002	0.10	0.09	0.06	0.22	0.56
D2 VA14521		<0.002	0.03	0.08	0.05	0.32	0.10
D2 VA14522		<0.002	0.33	0.10	0.13	0.39	1.60


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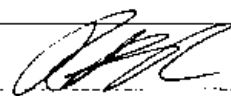
DATE PRINTED: 18-OCT-90

REPORT: V90-02377.4

PROJECT: 146

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Ba PCT	Cu PCT	Pb PCT	Zn PCT
VA14514		0.003	0.50	0.10	0.27	1.02	1.24
Duplicate				0.10	0.27	1.03	1.22
VA14515		0.003	0.26	0.08	0.28	0.60	0.94
Duplicate				0.09			
VA14516		<0.002	0.06	0.09	0.02	0.11	0.08
Duplicate				0.09	0.02	0.11	0.08
VA14517		<0.002	0.09	0.10	0.06	0.37	0.53
Duplicate				0.10			
VA14518		<0.002	0.30	0.12	0.05	0.37	0.97
Duplicate				0.12			
VA14519		0.007	2.38	0.03	1.13	2.07	6.60
Duplicate		0.007	2.32		1.15	2.05	6.58
VA14521		<0.002	0.03	0.08	0.05	0.02	0.10
Duplicate					0.05	0.03	0.11
VA14522		<0.002	0.33	0.10	0.13	0.39	1.60
Duplicate					0.13	0.40	1.58


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**Geochemical
 Lab Report**

A DIVISION OF MINERAL PROCESSING AND TESTING SERVICES

REPORT: V90-02378.0 (COMPLETE)

RECEIVED

REFERENCE INFO: SHIPMENT #9

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 146

OCT 24 1990

SUBMITTED BY: COLIN
 DATE PRINTED: 18-OCT-90

Falconbridge Limited

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	16	5 PPB	Fire-Assay	Fire Assay AA
2	Ag Silver	16	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	16	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	16	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	16	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	16	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	16	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	16	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	16	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	16	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	16	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	16	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	16	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	16	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	16	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	16	20 PPM		X-Ray Fluorescence
17	Cr Chromium	16	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	16	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	16	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	16	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	16	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminum	16	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	16	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	16	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	16	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	16	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	16	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	16	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma

HEADER 3 VAI4501 - 513 ✓

VAI4523 - 525 ✓

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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02378.0 (COMPLETE) REFERENCE INFO: SHIPMENT #9

CLIENT: FALCONBRIDGE LIMITED SUBMITTED BY: COLIN
PROJECT: 146 DATE PRINTED: 18-OCT-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	16	2 -150	16	CRUSH, PULVERIZE -150	16

REMARKS: Assay of Pb and Zn >3000.0 ppm to follow on
V90-02378.6.

REPORT COPIES TO: MR. NILS VON FERSEN INVOICE TO: MR. NILS VON FERSEN
MR. GLEN FLETT
A.D. MCLAUGHLIN

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 130 Pemberton Ave.
 North Vancouver, B.C.
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Geochemical
 Lab Report

A DIVISION OF ENCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 18-OCT-90

REPORT: V90-02378.0

PROJECT: 146

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
D2 VA14501		13	0.5	26	10	68	3	14	18	<1	<5	36
D2 VA14502		46	0.5	18	15	47	3	11	21	<1	<5	35
D2 VA14503		20	0.5	43	14	89	2	23	21	<1	<5	52
D2 VA14504		19	0.5	31	18	32	3	17	21	<1	<5	69
D2 VA14505		28	0.5	31	17	133	4	9	14	<1	<5	74
D2 VA14506		22	0.5	31	16	19	4	8	17	<1	<5	59
D2 VA14507		550	0.7	26	17	25	3	4	16	<1	<5	117
D2 VA14508		300	1.3	23	17	43	4	4	17	<1	<5	99
D2 VA14509		137	0.6	22	21	18	9	6	18	<1	<5	56
D2 VA14510		44	0.6	77	49	359	2	3	14	<1	<5	86
D2 VA14511		62	0.7	33	165	710	2	4	16	2	<5	72
D2 VA14512		18	0.9	27	359	684	1	4	15	2	<5	83
D2 VA14513		34	1.6	520	738	1285	2	5	14	3	<5	126
D2 VA14523		58	1.2	159	233	213	2	5	12	<1	<5	214
D2 VA14524		58	1.0	69	367	405	3	6	13	<1	<5	135
D2 VA14525		50	15.6	861	4197	5392	5	6	19	24	54	74

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**Geochemical
 Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 18-OCT-90

REPORT: V90-02378.D

PROJECT: 146

PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sr PPM	W PPM	La PPM	Al PCT
D2 VA14501		<5	5.73	325	<10	670	88	38	<20	<10	2	1.54
D2 VA14502		<5	6.82	321	<10	890	58	28	<20	<10	2	1.19
D2 VA14503		<5	6.13	476	<10	710	64	59	<20	<10	2	2.22
D2 VA14504		<5	5.81	370	<10	540	36	19	<20	<10	2	0.63
D2 VA14505		<5	5.45	220	<10	1100	34	23	<20	<10	3	1.37
D2 VA14506		<5	7.05	<100	<10	1100	45	13	<20	<10	2	0.72
D2 VA14507		38	7.90	226	<10	810	29	25	<20	<10	1	1.75
D2 VA14508		12	6.09	176	<10	880	31	23	<20	<10	2	1.23
D2 VA14509		<5	9.67	234	<10	1100	30	24	<20	<10	<1	1.31
D2 VA14510		<5	7.35	676	<10	810	22	30	<20	<10	2	3.17
D2 VA14511		<5	7.18	606	<10	970	28	23	<20	<10	3	2.30
D2 VA14512		<5	6.80	883	<10	750	35	32	<20	<10	1	3.07
D2 VA14513		<5	5.86	789	<10	780	44	29	<20	<10	2	2.59
D2 VA14523		<5	5.89	126	<10	820	90	8	<20	<10	2	0.45
D2 VA14524		<5	4.97	770	<10	950	59	17	<20	<10	2	0.84
D2 VA14525		<5	5.72	865	<10	890	58	20	<20	<10	1	1.71

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**Geochemical
 Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 18-OCT-90

REPORT: V90-02378.0

PROJECT: 146 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA14501		1.47	1.37	0.07	0.61	55	5
D2 VA14502		0.96	1.29	<0.05	0.51	34	5
D2 VA14503		2.25	2.29	0.09	0.84	69	4
D2 VA14504		0.59	2.47	<0.05	0.25	53	4
D2 VA14505		0.64	1.30	<0.05	0.53	40	4
D2 VA14506		0.17	0.37	<0.05	0.32	17	3
D2 VA14507		0.70	1.25	0.17	0.31	55	4
D2 VA14508		0.69	0.90	0.09	0.30	41	4
D2 VA14509		0.66	0.91	0.12	0.45	40	4
D2 VA14510		3.86	0.24	<0.05	0.15	6	3
D2 VA14511		2.59	0.31	<0.05	0.22	10	3
D2 VA14512		3.71	0.40	<0.05	0.28	12	2
D2 VA14513		2.87	0.40	<0.05	0.28	13	3
D2 VA14523		0.19	0.37	<0.05	0.21	14	3
D2 VA14524		0.84	1.23	<0.05	0.22	34	4
D2 VA14525		1.79	0.88	<0.05	0.21	21	3

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02378.6 (COMPLETE)	REFERENCE INFO: SHIPMENT #9
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CLIENT: FALCONBRIDGE LIMITED PROJECT: 146	SUBMITTED BY: COLIN DATE PRINTED: 24-OCT-90
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ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Pb Lead	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption
2	Zn Zinc	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	1	2 -150	1	SAMPLES FROM STORAGE	1

REPORT COPIES TO: MR. NILS VON FERSEN MR. GLEN FLETT A.D. MCLAUGHLIN	INVOICE TO: MR. NILS VON FERSEN
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02378.6

DATE PRINTED: 24-OCT-90

PROJECT: 145

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PCT	Zn PCT
D2 VA14525		0.42	0.53

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REPORT: V90-02378.6

DATE PRINTED: 24-OCT-90

PROJECT: 146

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Pb PCT	Zn PCT
VAL4525		0.42	0.53
Duplicate		0.41	0.52

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in complete
Nov 5/90

**Geochemical
 Lab Report**

OCT 30 1990

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02454.0 **Falconbridge Limited** REFERENCE INFO: SHIPMENT #10

CLIENT: FALCONBRIDGE LIMITED SUBMITTED BY: COLIN
 PROJECT: 146 DATE PRINTED: 22-OCT-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	62	5 PPB	Fire-Assay	Fire Assay AA
2	Ag Silver	62	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	62	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	62	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	62	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	62	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	62	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	62	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	62	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	62	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	62	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	62	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	62	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	62	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	62	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	62	20 PPM		X-Ray Fluorescence
17	Cr Chromium	62	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	62	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	62	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	62	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	62	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminium	62	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	62	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	62	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	62	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	62	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	62	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	62	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma

HEADER: VA14579 - VA14640 ✓

Jegg & Company Ltd.
1000 Robson Ave.
Vancouver, B.C.
V6R 2R5
(604) 985-0681 Telex 04-352667



Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02454.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #10

CLIENT: FALCONBRIDGE LIMITED
PROJECT: 146

SUBMITTED BY: COLIN
DATE PRINTED: 22-OCT-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	62	2 -150	62	CRUSH, PULVERIZE -150	62

NOTES: = indicates SEE REMARKS

REMARKS: = Ba - interference noted due to Zn and Pb.

Assay of Ba >30.0, and Assay of Pb and Zn
>3000.0 to follow on V90-02454.6.

REPORT COPIES TO: MR. NILS VON FERSEN
MR. GLEN FLETT
A.D. MCLEOD/MLN

INVOICE TO: MR. NILS VON FERSEN

Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 V7P 2R5
 (604) 985-0681 Telex 04-352667



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SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
D2 VA14579		34	6.9	896	8815	4027	5	10	20	15	13	81
D2 VA14580		32	2.0	488	1165	1509	2	11	24	3	<5	111
D2 VA14581		23	1.9	348	1305	1214	3	9	15	3	<5	63
D2 VA14582		26	1.4	219	752	2123	3	12	19	6	<5	55
D2 VA14583		16	2.0	185	1300	1740	4	20	20	4	<5	66
D2 VA14584		44	1.1	107	321	559	2	14	15	<1	<5	54
D2 VA14585		29	1.1	88	637	1474	4	22	18	4	<5	37
D2 VA14586		12	1.1	127	330	586	2	20	16	<1	<5	49
D2 VA14587		29	1.5	239	566	1177	6	31	22	1	<5	80
D2 VA14588		33	5.8	449	5704	4554	13	28	17	17	13	112
D2 VA14589		22	1.2	126	322	302	2	12	11	<1	<5	47
D2 VA14590		26	2.4	426	729	684	2	7	19	<1	<5	91
D2 VA14591		21	2.7	398	1026	1071	2	4	10	2	8	56
D2 VA14592		23	1.9	296	638	589	3	6	12	<1	8	72
D2 VA14593		28	1.2	184	294	313	<1	6	13	<1	5	72
D2 VA14594		32	7.1	1368	3085	2922	4	6	12	11	22	81
D2 VA14595		41	3.6	400	1683	2485	3	6	21	8	10	139
D2 VA14596		16	1.3	131	427	736	2	6	15	<1	5	36
D2 VA14597		14	1.1	101	275	1073	2	7	13	2	<5	41
D2 VA14598		24	2.1	150	965	786	3	8	16	<1	<5	52
D2 VA14599		19	1.3	108	289	461	<1	6	14	<1	<5	41
D2 VA14600		22	1.6	144	338	434	2	7	19	<1	<5	55
D2 VA14601		23	1.1	88	219	501	2	8	15	<1	<5	48
D2 VA14602		26	1.0	85	92	349	2	9	13	<1	<5	52
D2 VA14603		14	1.1	84	715	1680	3	8	10	5	<5	33
D2 VA14604		16	1.2	108	833	2353	4	9	13	8	<5	38
D2 VA14605		54	16.1	239	>10000	16235	12	6	26	78	38	111
D2 VA14606		19	0.5	86	191	618	1	5	14	<1	<5	45
D2 VA14607		24	1.1	174	606	2200	3	6	17	8	<5	38
D2 VA14608		24	0.9	56	656	595	2	6	17	<1	<5	33
D2 VA14609		19	1.0	37	260	373	2	6	16	<1	<5	35
D2 VA14610		31	1.7	173	1284	1060	2	7	17	3	<5	122
D2 VA14611		24	0.9	48	307	514	3	8	18	<1	<5	59
D2 VA14612		22	1.2	51	393	670	<1	6	16	1	<5	69
D2 VA14613		31	1.6	52	499	1202	3	7	19	3	<5	109
D2 VA14614		61	41.3	2977	9425	12654	8	5	22	61	123	75
D2 VA14615		36	2.1	281	726	1992	3	5	17	7	<5	85
D2 VA14616		35	4.5	2522	979	3741	3	5	19	13	10	89
D2 VA14617		18	1.3	92	750	1567	3	4	14	4	<5	50
D2 VA14618		32	1.5	80	1270	1253	1	5	15	3	5	87

Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 V7P 2R5
 (604) 985-0681 Telex 04-352667



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SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	8a PPM	Cr PPM	V PPM	Sh PPM	W PPM	La PPM	Al PCT
D2 VA14579		<5	9.47	615	<10	810	84	35	<20	<10	2	2.41
D2 VA14580		<5	9.35	581	<10	940	81	29	<20	<10	3	2.43
D2 VA14581		<5	7.55	777	<10	770	70	36	<20	<10	2	2.65
D2 VA14582		<5	8.38	1030	<10	820	66	45	<20	<10	2	3.45
D2 VA14583		<5	>10.00	1217	<10	830	76	55	<20	<10	1	4.04
D2 VA14584		<5	8.27	1061	<10	820	69	50	<20	<10	2	3.74
D2 VA14585		<5	7.81	1639	<10	970	77	65	<20	<10	1	3.77
D2 VA14586		<5	9.76	1440	<10	840	76	69	<20	<10	<1	4.24
D2 VA14587		<5	>10.00	1455	<10	800	79	73	<20	<10	1	4.30
D2 VA14588		<5	>10.00	1320	<10	650	78	79	<20	<10	2	3.31
D2 VA14589		<5	6.20	598	<10	750	75	37	<20	<10	3	2.38
D2 VA14590		<5	9.85	586	<10	870	55	26	<20	<10	2	2.34
D2 VA14591		<5	7.61	689	<10	960	53	28	<20	<10	2	2.40
D2 VA14592		<5	6.17	565	<10	1100	53	22	<20	<10	2	1.98
D2 VA14593		<5	5.38	409	<10	1200	48	17	<20	<10	2	1.50
D2 VA14594		<5	7.11	476	<10	780	66	11	<20	<10	1	0.74
D2 VA14595		<5	>10.00	844	<10	930	59	25	<20	<10	1	2.21
D2 VA14596		<5	7.11	950	<10	1100	48	28	<20	<10	3	2.57
D2 VA14597		<5	7.34	948	<10	1100	60	30	<20	<10	2	2.76
D2 VA14598		<5	9.29	1015	<10	1000	49	41	<20	<10	<1	3.54
D2 VA14599		<5	8.87	1316	<10	960	43	46	<20	<10	1	3.94
D2 VA14600		<5	9.57	1101	<10	980	40	39	<20	<10	1	3.46
D2 VA14601		<5	7.75	790	<10	960	41	31	<20	<10	2	3.02
D2 VA14602		<5	9.58	1107	<10	890	49	43	<20	<10	1	3.89
D2 VA14603		<5	6.48	867	<10	940	61	37	<20	<10	3	3.11
D2 VA14604		<5	7.28	750	<10	960	75	46	<20	<10	2	3.37
D2 VA14605		8	>10.00	702	11	860	78	37	<20	<10	<1	2.77
D2 VA14606		<5	5.33	1123	<10	860	101	40	<20	<10	2	3.08
D2 VA14607		<5	7.11	1152	<10	1100	74	53	<20	<10	1	4.14
D2 VA14608		<5	6.19	1623	<10	1100	65	69	<20	<10	<1	5.07
D2 VA14609		<5	5.82	2076	<10	1100	62	88	<20	<10	<1	6.17
D2 VA14610		<5	7.87	1423	<10	1100	90	66	<20	<10	<1	4.50
D2 VA14611		<5	6.48	1227	<10	1100	67	63	<20	<10	1	4.66
D2 VA14612		<5	6.02	1098	<10	1100	68	54	<20	<10	2	4.15
D2 VA14613		<5	8.67	646	<10	970	58	26	<20	<10	4	2.04
D2 VA14614		<5	7.92	714	13	1000	85	21	<20	<10	3	1.47
D2 VA14615		<5	7.21	573	<10	1200	62	28	<20	<10	2	1.91
D2 VA14616		<5	9.31	857	<10	1100	74	27	<20	<10	2	1.83
D2 VA14617		<5	6.49	968	<10	1200	47	31	<20	<10	2	2.22
D2 VA14618		<5	7.07	778	<10	1200	55	37	<20	<10	2	2.99

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SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA14579		1.99	0.14	<0.05	0.20	3	4
D2 VA14580		1.98	0.16	<0.05	0.23	3	2
D2 VA14581		2.22	0.42	<0.05	0.26	6	3
D2 VA14582		3.22	0.56	<0.05	0.26	6	4
D2 VA14583		3.92	0.38	<0.05	0.34	7	4
D2 VA14584		3.64	0.51	<0.05	0.26	8	4
D2 VA14585		3.46	0.97	<0.05	0.63	17	4
D2 VA14586		4.14	0.84	<0.05	0.39	15	3
D2 VA14587		4.44	0.46	<0.05	0.24	6	4
D2 VA14588		3.31	0.62	<0.05	0.15	10	3
D2 VA14589		1.99	0.51	<0.05	0.16	17	4
D2 VA14590		2.03	0.32	<0.05	0.18	5	3
D2 VA14591		2.03	0.28	<0.05	0.19	6	3
D2 VA14592		1.65	0.23	<0.05	0.18	5	2
D2 VA14593		1.09	0.16	<0.05	0.20	4	2
D2 VA14594		0.47	0.65	<0.05	0.17	7	2
D2 VA14595		1.92	0.56	<0.05	0.20	8	4
D2 VA14596		2.29	0.54	<0.05	0.22	9	3
D2 VA14597		2.45	0.31	<0.05	0.29	8	3
D2 VA14598		3.17	0.40	<0.05	0.28	9	3
D2 VA14599		3.74	0.31	<0.05	0.28	10	3
D2 VA14600		3.31	0.21	<0.05	0.24	7	2
D2 VA14601		2.83	0.27	<0.05	0.20	5	2
D2 VA14602		3.76	0.34	<0.05	0.26	8	2
D2 VA14603		2.67	0.54	0.06	0.30	10	2
D2 VA14604		2.62	0.72	0.08	0.55	14	3
D2 VA14605		1.48	1.08	0.10	0.75	17	3
D2 VA14606		1.85	2.45	0.10	0.65	26	4
D2 VA14607		2.54	1.55	0.13	0.97	22	4
D2 VA14608		2.64	2.46	0.17	1.30	30	3
D2 VA14609		3.41	3.07	0.19	1.55	39	3
D2 VA14610		2.18	2.53	0.16	1.04	35	4
D2 VA14611		2.74	1.67	0.15	1.08	25	3
D2 VA14612		2.31	1.80	0.14	0.94	24	3
D2 VA14613		1.66	1.09	<0.05	0.27	9	5
D2 VA14614		1.18	1.68	<0.05	0.28	13	5
D2 VA14615		1.29	0.99	<0.05	0.40	11	3
D2 VA14616		1.30	1.74	<0.05	0.37	13	4
D2 VA14617		1.97	1.69	<0.05	0.29	11	4
D2 VA14618		2.24	0.83	0.08	0.46	14	3

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 130 Pemberton Ave.
 North Vancouver, B.C.
 V7P 2R5
 (604) 985-0681 Telex 04-352667



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SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	B1 PPM	As PPM
D2 VA14619		26	1.3	77	736	674	2	5	15	<1	<5	55
D2 VA14620		30	0.9	71	461	762	1	5	16	<1	<5	97
D2 VA14621		28	1.0	114	698	954	2	6	16	1	<5	82
D2 VA14622		39	1.2	74	789	1402	2	5	15	4	<5	213
D2 VA14623		12	0.9	59	462	483	3	7	16	<1	<5	54
D2 VA14624		60	3.9	141	3938	3645	3	7	16	13	<5	138
D2 VA14625		38	1.0	54	362	390	2	5	15	<1	<5	60
D2 VA14626		33	1.2	101	320	1337	2	5	14	3	<5	121
D2 VA14627		36	1.3	63	490	654	2	6	15	<1	<5	127
D2 VA14628		37	1.1	48	343	422	1	4	16	<1	<5	119
D2 VA14629		49	1.2	52	405	631	2	5	15	<1	<5	163
D2 VA14630		88	8.0	129	5124	10169	6	5	14	42	23	275
D2 VA14631		88	1.6	96	894	743	2	6	16	15	<5	>2000
D2 VA14632		75	2.5	180	1463	3049	3	5	14	10	<5	234
D2 VA14633		56	1.0	41	317	434	2	5	14	<1	<5	158
D2 VA14634		46	0.9	26	224	209	1	5	15	<1	<5	133
D2 VA14635		47	0.8	24	230	420	2	5	14	<1	<5	134
D2 VA14636		56	1.5	122	1047	1486	2	5	14	3	<5	123
D2 VA14637		290	1.4	83	717	1255	2	4	13	20	<5	>2000
D2 VA14638		207	4.2	114	607	249	5	4	6	<1	<5	166
D2 VA14639		56	1.5	67	461	682	2	5	13	2	<5	40
D2 VA14640		45	1.0	49	156	220	1	5	12	<1	<5	36

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SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
D2 VA14619		<5	7.48	2245	<10	1100	58	74	<20	<10	<1	5.75
D2 VA14620		<5	7.94	1146	<10	1100	62	44	<20	<10	1	3.57
D2 VA14621		<5	6.30	730	<10	1200	65	40	<20	<10	2	3.05
D2 VA14622		<5	7.22	1210	<10	1200	78	53	<20	<10	1	4.05
D2 VA14623		<5	6.48	1739	<10	1200	72	80	<20	<10	1	5.67
D2 VA14624		5	>10.00	968	<10	1200	76	45	<20	<10	<1	3.54
D2 VA14625		<5	6.82	1427	<10	1100	60	57	<20	<10	1	3.90
D2 VA14626		<5	7.41	1583	<10	1300	72	61	<20	<10	<1	4.58
D2 VA14627		<5	6.74	1740	<10	1200	74	65	<20	<10	<1	5.06
D2 VA14628		<5	7.41	1640	<10	1200	56	68	<20	<10	<1	5.34
D2 VA14629		<5	6.86	1736	<10	1200	69	60	<20	<10	<1	4.62
D2 VA14630		6	9.98	1200	<10	1200	67	38	<20	<10	<1	3.05
D2 VA14631		<5	7.44	1235	<10	1200	70	43	<20	<10	<1	3.67
D2 VA14632		<5	7.51	720	<10	1200	81	27	<20	<10	<1	2.03
D2 VA14633		<5	6.41	1135	<10	1300	56	41	<20	<10	<1	3.19
D2 VA14634		<5	5.17	1802	<10	1400	51	52	<20	<10	<1	4.21
D2 VA14635		<5	5.46	1630	<10	1400	68	43	<20	<10	<1	3.39
D2 VA14636		<5	4.97	1672	<10	1300	55	48	<20	<10	<1	3.96
D2 VA14637		18	5.88	1752	<10	1300	68	30	<20	<10	<1	2.56
D2 VA14638		<5	>10.00	2439	<10	540	28	42	<20	<10	<1	2.22
D2 VA14639		<5	7.15	1310	<10	890	51	70	<20	<10	1	3.28
D2 VA14640		<5	5.29	808	<10	1200	80	57	<20	<10	2	2.95

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SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA14619		3.48	3.09	0.16	1.33	33	4
D2 VA14620		2.42	1.38	0.11	0.62	18	2
D2 VA14621		1.94	1.11	0.11	0.60	18	3
D2 VA14622		2.37	1.94	0.14	0.98	23	3
D2 VA14623		3.27	2.78	0.20	1.48	35	3
D2 VA14624		3.06	1.14	0.08	0.56	15	4
D2 VA14625		2.71	3.40	0.12	0.82	28	5
D2 VA14626		2.88	2.82	0.17	1.12	31	4
D2 VA14627		3.03	3.07	0.18	1.26	32	3
D2 VA14628		2.99	3.41	0.19	1.34	32	3
D2 VA14629		3.02	2.57	0.15	1.07	26	3
D2 VA14630		2.28	1.95	0.10	0.62	17	4
D2 VA14631		2.77	1.46	0.11	0.74	18	3
D2 VA14632		1.29	1.11	0.08	0.55	13	3
D2 VA14633		1.69	1.59	0.14	0.85	22	3
D2 VA14634		2.15	2.33	0.19	1.22	32	3
D2 VA14635		1.64	3.00	0.18	1.02	37	4
D2 VA14636		1.96	3.37	0.19	1.15	38	4
D2 VA14637		1.44	3.66	0.12	0.79	32	4
D2 VA14638		1.79	>10.00	0.10	0.53	165	9
D2 VA14639		2.84	3.50	0.15	0.89	43	5
D2 VA14640		2.07	1.82	0.18	0.96	30	4

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*In computer
 Nov 5/90*

**Certificate
 of Analysis**

Falconbridge Limited METALS RECOVERY & TESTING SERVICES

REPORT: V90-02454.6 (COMPLETE)

REFERENCE INFO: SHIPMENT #10

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 146

SUBMITTED BY: COI TN
 DATE PRINTED: 30-OCT-90

ORDER	ELEMENT	NUMBFR OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag Silver	1	0.02 OPT	HCl-HNO3-HF	Atomic Absorption
2	Pb Lead	7	0.01 PCT	HCl-HNO3-HF	Atomic Absorption

3	Zn Zinc	8	0.01 PCT	HCl-HNO3-HF	Atomic Absorption
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SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	9	2 -150	9	SAMPLES FROM STORAGE	9

REPORT COPIES TO: MR. NILS VON FFRSEN
 MR. GLEN FLETT
 A.D. MC AUGHLIN

INVOICE TO: MR. NILS VON FFRSEN

(

Followup.

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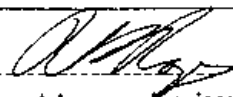
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-07454.6

DATE PRINTED: 30-OCT-90
PROJECT: 146 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT	Pb PCT	Zn PCT
D2 VA14579			0.81	0.41
D2 VA14588			0.52	0.44
D2 VA14594			0.29	
D2 VA14605			1.34	1.83
D2 VA14614		1.17	0.87	1.33
D2 VA14616				0.35
D2 VA14624			0.37	0.38
D2 VA14630			0.47	1.04
D2 VA14632				0.31


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REPORT: V9B-02454.6

DATE PRINTED: 30-OCT-90
PROJECT: 146 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT	Pb PCT	Zn PCT
VA14579			0.81	0.41
Duplicate			0.80	0.40
VA14580			0.52	0.44
Duplicate			0.52	0.45
VA14614		1.17	0.07	1.33
Duplicate		1.19		


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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02471.0 (COMPLETE) REFERENCE INFO: SHIPMENT #10

CLIENT: FALCONBRIDGE LIMITED SUBMITTED BY: COLIN
PROJECT: 147 DATE PRINTED: 24-OCT-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	2	2 -150	55	CRUSH, PULVERIZE -150	55
D DRILL CORE	53				

NOTES: = indicates SEE REMARKS

REMARKS: Assay of Ag >30 and Assay of Cu, Pb and Zn
>10000 to follow on V90-02471.6.
=Ba - interference noted due to Zn and Pb.

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MR. GLEN FLETT
A.J. McLAUGHLIN

INVOICE TO: MR. NILS VON FERSEN

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Nov 5/90 **Geochemical**
Lab Report

A DIVISION OF BONDAR-CLEGG & COMPANY LIMITED SERVICES

RECEIVED

OCT 29 1990

REPORT: V90-02471.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #10

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 147
 Falconbridge Limited

SUBMITTED BY: COLIN
 DATE PRINTED: 24-OCT-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	55	5 PPB	Fire-Assay	Fire Assay AA
2	Ag Silver	55	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	55	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	55	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	55	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	55	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	55	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	55	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	55	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	55	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	55	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	55	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	55	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	55	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	55	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	55	20 PPM		X-Ray Fluorescence
17	Cr Chromium	55	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	55	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	55	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	55	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	55	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminium	55	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	55	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	55	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	55	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	55	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	55	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	55	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma

HEADER 8 VA12393 - VA12394 ✓
 VA14526 - VA14578. ✓

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DATE PRINTED: 24-OCT-90

REPORT: Y90-02471.0

PROJECT: 147

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
R2 VA12393		<5	0.4	6	9	67	<1	4	2	1	<5	12
R2 VA12394		<5	0.3	3	4	21	<1	9	5	<1	<5	6
D2 VA14526		6	0.9	40	422	652	2	5	13	<1	<5	70
D2 VA14527		47	1.3	102	1493	2492	3	5	14	9	<5	135
D2 VA14528		27	2.4	70	3539	1411	3	8	14	4	<5	121
D2 VA14529		29	6.5	99	7158	553	1	9	16	1	8	97
D2 VA14530		<5	0.6	17	793	1797	2	3	1	7	<5	7
D2 VA14531		16	0.6	52	365	581	2	9	16	1	<5	126
D2 VA14532		6	1.7	103	2534	645	1	6	6	2	<5	31
D2 VA14533		6	3.4	167	4950	3613	3	5	9	14	8	109
D2 VA14534		17	0.8	61	680	1101	1	7	13	3	<5	120
D2 VA14535		35	1.3	79	1388	1431	2	7	14	5	<5	192
D2 VA14536		51	1.1	121	1001	1695	2	5	12	6	<5	98
D2 VA14537		38	0.7	46	175	374	<1	7	15	<1	<5	108
D2 VA14538		27	1.1	175	904	865	2	8	14	2	<5	130
D2 VA14539		16	0.9	42	609	269	2	11	17	<1	<5	148
D2 VA14540		8	0.9	47	501	988	2	14	18	3	<5	86
D2 VA14541		29	0.9	38	540	789	1	10	17	2	<5	110
D2 VA14542		8	0.8	40	146	592	<1	10	14	<1	<5	110
D2 VA14543		8	0.8	26	569	2351	4	10	14	9	<5	113
D2 VA14544		8	0.9	27	853	632	2	10	15	2	<5	150
D2 VA14545		8	1.1	355	941	1206	3	6	13	3	<5	129
D2 VA14546		615	17.5	5507	9084	>20000	15	3	44	253	101	1056
D2 VA14547		219	22.4	4396	>10000	19375	14	4	17	107	30	477
D2 VA14548		60	2.5	404	2395	4481	4	5	8	16	<5	163
D2 VA14549		6	2.5	231	1529	1484	2	4	9	5	6	111
D2 VA14550		6	2.1	38	805	516	2	4	8	<1	<5	93
D2 VA14551		8	0.8	46	495	593	1	4	7	<1	<5	77
D2 VA14552		6	1.3	25	1390	668	1	4	8	1	<5	64
D2 VA14553		12	3.3	289	4853	5523	6	6	14	20	<5	126
D2 VA14554		14	0.6	32	301	466	1	6	10	<1	<5	148
D2 VA14555		6	1.4	94	2016	1498	2	6	10	4	<5	92
D2 VA14556		8	1.1	91	1427	2390	3	6	11	7	<5	116
D2 VA14557		8	0.9	73	740	1091	2	5	9	2	<5	105
D2 VA14558		97	6.8	1051	6553	14669	11	5	22	65	12	439
D2 VA14559		6	0.8	294	507	925	2	4	5	1	<5	92
D2 VA14560		317	25.8	7674	>10000	>20000	15	3	70	158	77	602
D2 VA14561		6	1.8	334	2356	2565	3	6	11	7	<5	86
D2 VA14562		6	1.6	278	2613	2175	3	7	14	6	<5	93
D2 VA14563		6	3.1	325	5086	4886	5	7	12	17	7	113

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 130 Pemberton Ave.
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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 24-OCT-90

REPORT: V90-02471.0

PROJECT: 147 PAGE 18

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	N PPM	La PPM	Al PCT
R2 VA12393		<5	0.46	348	<10	<20	7	11	<20	<10	<1	<0.02
R2 VA12394		<5	0.69	290	<10	<20	4	15	<20	<10	<1	0.02
D2 VA14526		<5	6.30	1511	<10	970	28	43	<20	<10	1	3.81
D2 VA14527		<5	6.31	874	<10	1100	35	29	<20	<10	2	2.73
D2 VA14528		<5	6.23	881	<10	1100	58	32	<20	<10	1	2.78
D2 VA14529		<5	6.03	1074	<10	790	65	27	<20	<10	<1	2.62
D2 VA14530		7	0.50	745	<10	<20	178	4	<20	<10	<1	0.18
D2 VA14531		<5	5.51	1102	<10	840	79	34	<20	<10	1	2.89
D2 VA14532		<5	1.94	1003	<10	260	185	21	<20	<10	2	1.37
D2 VA14533		<5	3.88	1547	<10	440	145	28	<20	<10	2	1.98
D2 VA14534		<5	6.25	1129	<10	820	55	42	<20	<10	1	3.38
D2 VA14535		<5	5.82	952	<10	970	56	21	<20	<10	<1	1.38
D2 VA14536		<5	5.67	1141	<10	780	44	24	<20	<10	<1	2.39
D2 VA14537		<5	6.05	737	<10	950	44	22	<20	<10	1	2.01
D2 VA14538		<5	6.24	990	<10	740	37	31	<20	<10	<1	3.09
D2 VA14539		<5	6.88	1290	<10	800	39	34	<20	<10	<1	3.07
D2 VA14540		<5	5.87	1037	<10	980	33	30	<20	<10	<1	2.74
D2 VA14541		<5	6.73	1333	<10	950	43	41	<20	<10	<1	3.49
D2 VA14542		<5	7.32	1410	<10	640	37	47	<20	<10	<1	4.38
D2 VA14543		<5	6.76	1316	<10	710	35	38	<20	<10	<1	3.85
D2 VA14544		<5	6.26	1400	<10	760	39	35	<20	<10	2	3.38
D2 VA14545		<5	6.78	1373	<10	800	42	33	<20	<10	2	3.23
D2 VA14546		32	2.93	829	<10	<20=	27	10	<20	<10	<1	1.12
D2 VA14547		30	>10.00	1523	19	130=	43	37	<20	<10	<1	3.93
D2 VA14548		<5	9.83	2133	<10	350	41	60	<20	<10	<1	5.95
D2 VA14549		<5	6.93	1955	<10	440	45	48	<20	<10	1	4.57
D2 VA14550		<5	7.79	2007	<10	300	38	55	<20	<10	<1	5.24
D2 VA14551		<5	6.27	1872	<10	430	39	48	<20	<10	2	4.64
D2 VA14552		<5	6.18	1753	<10	460	39	49	<20	<10	2	4.40
D2 VA14553		<5	9.52	1887	<10	420	44	50	<20	<10	1	5.07
D2 VA14554		<5	6.89	1684	<10	460	39	42	<20	<10	2	4.46
D2 VA14555		<5	5.65	1836	<10	710	42	48	<20	<10	2	4.72
D2 VA14556		<5	7.06	1602	<10	610	35	43	<20	<10	2	4.55
D2 VA14557		<5	7.56	1920	<10	400	42	53	<20	<10	2	5.19
D2 VA14558		<5	>10.00	1955	<10	110=	31	53	<20	<10	<1	5.38
D2 VA14559		<5	6.99	1619	<10	490	28	50	<20	<10	2	4.87
D2 VA14560		65	3.09	1314	<10	30=	36	8	<20	<10	<1	0.67
D2 VA14561		<5	8.42	2007	<10	640	39	50	<20	<10	1	5.31
D2 VA14562		<5	6.36	1287	<10	920	61	29	<20	<10	3	3.27
D2 VA14563		<5	8.06	1697	<10	720	49	44	<20	<10	2	4.58

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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02471.0

DATE PRINTED: 24-OCT-90
 PROJECT: 147 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
R2 VA12393		>10.00	3.29	<0.05	<0.05	159	4
R2 VA12394		5.16	4.20	<0.05	<0.05	154	5
D2 VA14526		4.46	0.96	<0.05	0.41	21	2
D2 VA14527		3.00	0.31	<0.05	0.34	11	1
D2 VA14528		2.97	0.38	<0.05	0.35	15	2
D2 VA14529		3.24	0.84	<0.05	0.17	47	2
D2 VA14530		0.27	0.97	<0.05	<0.05	9	1
D2 VA14531		3.11	0.77	<0.05	0.36	16	2
D2 VA14532		1.20	1.02	<0.05	0.26	19	1
D2 VA14533		2.03	1.91	<0.05	0.26	25	2
D2 VA14534		3.61	0.50	<0.05	0.41	14	2
D2 VA14535		1.45	1.07	<0.05	0.24	16	2
D2 VA14536		3.32	1.31	<0.05	0.14	17	2
D2 VA14537		2.02	0.35	<0.05	0.26	8	1
D2 VA14538		3.92	0.21	<0.05	0.16	5	1
D2 VA14539		3.55	0.47	<0.05	0.31	12	1
D2 VA14540		3.05	0.45	<0.05	0.34	12	2
D2 VA14541		3.85	0.51	0.05	0.48	17	1
D2 VA14542		5.96	0.28	<0.05	0.21	8	1
D2 VA14543		5.14	0.24	<0.05	0.14	6	1
D2 VA14544		4.24	0.39	<0.05	0.17	8	1
D2 VA14545		3.85	0.43	<0.05	0.18	9	2
D2 VA14546		1.19	0.21	<0.05	<0.05	3	2
D2 VA14547		4.62	0.15	<0.05	0.06	4	1
D2 VA14548		7.82	0.20	<0.05	0.06	4	1
D2 VA14549		5.52	0.52	<0.05	0.22	14	2
D2 VA14550		6.89	0.19	<0.05	0.10	5	1
D2 VA14551		5.95	0.14	<0.05	0.13	4	1
D2 VA14552		5.60	0.18	<0.05	0.15	4	1
D2 VA14553		6.48	0.28	<0.05	0.12	6	1
D2 VA14554		5.76	0.14	<0.05	0.13	4	1
D2 VA14555		4.78	0.90	0.06	0.50	21	1
D2 VA14556		5.73	0.12	<0.05	0.18	4	<1
D2 VA14557		6.70	0.15	<0.05	0.13	4	1
D2 VA14558		6.78	0.14	<0.05	0.08	3	2
D2 VA14559		6.18	0.09	<0.05	0.14	3	<1
D2 VA14560		0.82	0.44	<0.05	0.09	7	3
D2 VA14561		6.64	0.37	<0.05	0.19	9	1
D2 VA14562		3.63	0.24	<0.05	0.30	7	1
D2 VA14563		5.42	0.26	<0.05	0.21	7	2

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PAGE 2A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
D2 VA14564		59	3.3	433	5366	7168	6	5	14	28	6	412
D2 VA14565		8	1.6	297	2513	3900	4	4	11	14	<5	225
D2 VA14566		57	3.4	1355	6092	5703	5	4	15	24	8	738
D2 VA14567		82	2.3	332	3112	3687	4	10	15	14	<5	235
D2 VA14568		518	17.4	3587	7621	>20000	14	8	12	127	21	>2000
D2 VA14569		66	3.0	592	4339	5761	6	5	11	22	<5	211
D2 VA14570		88	1.9	380	3026	3276	3	6	10	14	<5	573
D2 VA14571		188	6.1	807	7609	11634	9	5	12	59	12	1563
D2 VA14572		82	1.6	257	2057	2351	2	5	11	8	<5	310
D2 VA14573		76	4.7	883	7136	12971	10	4	11	66	17	248
D2 VA14574		54	1.0	62	1288	1365	2	4	10	4	<5	202
D2 VA14575		58	2.1	248	2297	2092	3	4	12	7	<5	159
D2 VA14576		148	>50.0	5927	>10000	>20000	21.7	6	30	271	173	368
D2 VA14577		106	2.4	270	2790	4950	4	5	14	18	<5	219
D2 VA14578		64	1.2	98	772	895	3	13	16	2	<5	125

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02471.0

DATE PRINTED: 24-OCT-90
 PROJECT: 147

PAGE 28

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
D2 VA14564		7	>10.00	1705	<10	740	49	42	<20	<10	<1	3.91
D2 VA14565		<5	7.06	1455	<10	810	53	42	<20	<10	2	3.93
D2 VA14566		5	7.33	1429	<10	850	59	38	<20	<10	2	3.75
D2 VA14567		<5	7.51	1326	<10	740	56	41	<20	<10	2	3.39
D2 VA14568		29	>10.00	261	17	810=	77	8	<20	<10	1	0.62
D2 VA14569		<5	7.62	1305	<10	778	54	39	<20	<10	2	3.42
D2 VA14570		<5	7.04	1389	<10	660	40	44	<20	<10	2	3.64
D2 VA14571		15	9.36	1265	<10	600=	42	30	<20	<10	<1	2.69
D2 VA14572		<5	7.04	1186	<10	760	38	39	<20	<10	1	3.36
D2 VA14573		15	9.25	1452	<10	650=	32	47	<20	<10	<1	4.11
D2 VA14574		<5	6.67	1152	<10	780	35	34	<20	<10	<1	3.10
D2 VA14575		7	6.40	786	<10	830	33	33	<20	<10	1	3.02
D2 VA14576		28	>10.00	620	21	740=	64	16	<20	<10	<1	0.91
D2 VA14577		10	6.19	712	<10	1100	41	27	<20	<10	2	1.59
D2 VA14578		<5	6.73	832	<10	1100	54	34	<20	<10	2	1.88

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02471.0

DATE PRINTED: 24-OCT-90

PROJECT: 147

PAGE 2C

SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA14564		4.31	0.69	<0.05	0.23	12	2
D2 VA14565		4.02	0.50	<0.05	0.34	13	2
D2 VA14566		3.66	0.55	<0.05	0.40	15	2
D2 VA14567		3.55	0.35	<0.05	0.21	10	2
D2 VA14568		0.23	0.12	<0.05	0.26	4	<1
D2 VA14569		3.75	0.28	<0.05	0.22	9	1
D2 VA14570		4.24	0.18	<0.05	0.19	6	1
D2 VA14571		3.13	0.29	<0.05	0.18	9	2
D2 VA14572		4.01	0.28	<0.05	0.24	11	1
D2 VA14573		5.34	0.31	<0.05	0.20	7	2
D2 VA14574		3.79	0.23	<0.05	0.24	6	1
D2 VA14575		3.75	0.14	<0.05	0.25	6	1
D2 VA14576		0.63	0.36	<0.05	0.35	9	1
D2 VA14577		1.60	0.39	<0.05	0.53	12	2
D2 VA14578		2.09	0.45	<0.05	0.60	17	1

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 Nov 26/90*

**Certificate
 of Analysis**

REPORT: U90-02471.5 (COMPLETE)

NOV 13 1990

REFERENCE INFO: SHIPMENT #10

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 147

Falconbridge Limited

SUBMITTED BY: COI IN
 DATE PRINTED: 7-NOV-90

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold (Gravimetric)	6	0.002 OPT		Fire Assay
2	Ag	Silver (Gravimetric)	6	0.02 OPT		Fire Assay
3	Cu	Copper	6	0.01 PCT	HCl-HNO3-HF	Atomic Absorption
4	Pb	Lead	6	0.01 PCT	HCl-HNO3-HF	Atomic Absorption
5	Zn	Zinc	6	0.01 PCT	HCl-HNO3-HF	Atomic Absorption
6	Ba	Barium	6	0.01 PCT		Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	6	2 -150	6	SAMPLES FROM STORAGE	6

REPORT COPIES TO: MR. NILS VON PERSEN
 MR. GLEN FITT
 A.D. McLAUGHLIN

INVOICE TO: MR. NILS VON PERSEN

Follow up

Handwritten signature and numbers: 123, 76, 543

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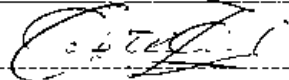
A DIVISION OF INSCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 7-NOV-90

REPORT: V90-02471.5

PROJECT: 147 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Cu PCT	Pb PCT	Zn PCT	Ba PCT
02 VA14546		0.014	0.74	0.66	4.32	8.68	0.01
02 VA14547		0.010	0.78	0.45	5.14	2.80	0.05
02 VA14548		<0.002	0.06	0.04	0.30	0.49	0.05
02 VA14560		0.010	1.06	0.86	7.29	5.12	0.01
02 VA14568		0.020	0.55	0.35	1.61	2.70	0.05
02 VA14576		<0.002	2.07	0.59	5.47	6.33	0.06


 Registered Assayer, Province of British Columbia

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A DIVISION OF INCHCAP INSPECTION & TESTING

Falconbridge Limited

REPORT: V90-02471.6 (COMPLETE)

REFERENCE INFO: SHIPMENT #10

CLIENT: FALCONBRIDGE LIMITED
PROJECT: 147

SUBMITTED BY: COI IN
DATE PRINTED: 30-OCT-90

ORDER	ELEMENT	NUMBFR OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Pb lead	13	0.01 PCT	HCl-HNO3-HF	Atomic Absorption
2	Zn Zinc	13	0.01 PCT	HCl-HNO3-HF	Atomic Absorption

SAMPLE TYPES	NUMBFR	SIZE FRACTIONS	NUMBFR	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	15	2 -150	15	SAMPLES FROM STORAGE	15

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Follow up.

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02471.6

DATE PRINTED: 30-OCT-90

PROJECT: 147

PAGE 1

SAMPLE NUMBER	FIFKENT UNITS	Pb PCT	Zn PCT
D2 VA14528		0.36	
D2 VA14529		0.91	
D2 VA14533		0.53	0.36
D2 VA14553		0.54	0.61
D2 VA14558		1.45	1.94
D2 VA14563		0.54	0.50
D2 VA14564		0.58	0.79
D2 VA14565			0.40
D2 VA14566		0.66	0.62
D2 VA14567		0.33	0.37
D2 VA14569		0.47	0.63
D2 VA14570		0.32	0.34
D2 VA14571		1.28	1.41
D2 VA14573		1.04	1.71
D2 VA14577			0.58

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Certificate of Analysis

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: U90-02471.6

DATE PRINTED: 30-OCT-90
PROJECT: 147 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Pb PCT	Zn PCT
VA14528		0.36	
Duplicate		0.36	
VA14529		0.91	
Duplicate		0.90	
VA14571		1.28	1.41
Duplicate		1.28	1.43
VA14573		1.04	1.71
Duplicate		1.03	0.50


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Geochemical
 Lab Report

Falconbridge Limited

*in computer -
 Nov 9/90*

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02499.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #12

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 147

SUBMITTED BY: COLIN
 DATE PRINTED: 30-OCT-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	28	5 PPB	Fire-Assay	Fire Assay AA
2	Ag Silver	28	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	28	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	28	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	28	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	28	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	28	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	28	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	28	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	28	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	28	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	28	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	28	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	28	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	28	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	28	20 PPM		X-Ray Fluorescence
17	Cr Chromium	28	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	28	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	28	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	28	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	28	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminium	28	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	28	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	28	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	28	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	28	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	28	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	28	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma

HEADER VA14641 - VA14668 ✓

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Geochemical
Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02499.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #12

CLIENT: FALCONBRIDGE LIMITED
PROJECT: 147

SUBMITTED BY: COLIN
DATE PRINTED: 30-OCT-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	28	2 -150	28	CRUSH, PULVERIZE -150	28

REPORT COPIES TO: MR. NILS VON FERSEN
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A.D. McLAUGHLIN

INVOICE TO: MR. NILS VON FERSEN

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 North Vancouver, B.C.
 V7P 2R5
 (604) 985-0681 Telex 04-352667



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A DIVISION OF INDIANA INSPECTION & TESTING SERVICES

DATE PRINTED: 30-OCT-90

REPORT: V90-02499.0

PROJECT: 147

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPH	Cu PPK	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
D2 VA14641		48	0.4	13	26	69	1	5	24	217	<5	>2000
D2 VA14642		<5	0.5	31	4	50	2	7	16	<1	<5	38
D2 VA14643		<5	0.5	40	4	29	<1	5	12	<1	<5	38
D2 VA14644		10	0.6	49	11	59	18	43	15	<1	<5	33
D2 VA14645		<5	0.5	36	20	31	<1	10	17	<1	<5	18
D2 VA14646		<5	0.7	83	14	86	5	16	16	<1	<5	9
D2 VA14647		6	0.7	56	13	299	13	41	13	3	<5	27
D2 VA14648		<5	0.4	43	11	228	13	39	9	1	<5	31
D2 VA14649		32	0.6	41	55	491	15	54	7	6	<5	46
D2 VA14650		21	0.9	55	71	1073	22	61	8	14	<5	48
D2 VA14651		17	0.6	50	37	490	14	36	7	6	<5	24
D2 VA14652		<5	0.4	35	37	301	15	42	6	3	<5	22
D2 VA14653		12	0.7	63	49	302	16	43	9	2	<5	23
D2 VA14654		<5	0.8	84	31	154	5	17	13	<1	<5	9
D2 VA14655		<5	0.5	53	16	115	8	27	11	<1	<5	13
D2 VA14656		<5	0.5	46	21	153	9	29	9	<1	<5	15
D2 VA14657		<5	0.4	31	11	64	2	2	5	<1	<5	8
D2 VA14658		<5	<0.2	23	10	75	2	5	8	<1	<5	7
D2 VA14659		<5	0.2	27	15	129	2	7	4	<1	<5	11
D2 VA14660		<5	<0.2	25	12	42	1	2	8	<1	<5	<5
D2 VA14661		<5	0.2	25	14	48	<1	2	7	<1	<5	6
D2 VA14662		<5	<0.2	29	15	62	2	3	7	<1	<5	7
D2 VA14663		31	0.2	21	14	36	<1	3	6	<1	<5	8
D2 VA14664		<5	<0.2	22	9	57	3	1	6	<1	<5	<5
D2 VA14665		<5	0.2	28	16	76	8	6	6	<1	<5	<5
D2 VA14666		<5	<0.2	25	7	77	3	6	6	<1	<5	<5
D2 VA14667		<5	0.3	29	6	66	2	7	7	<1	<5	<5
D2 VA14668		<5	0.3	24	11	107	12	12	4	<1	<5	6

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 North Vancouver, B.C.
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 30-OCT-90

REPORT: V90-02499.0

PROJECT: 147

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SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PCT	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
D2 VA14641		13	5.70	0.05	<10	620	24	33	<20	<10	4	1.16
D2 VA14642		<5	4.26	0.08	<10	1500	23	18	<20	<10	3	0.46
D2 VA14643		<5	3.45	0.08	<10	2700	14	11	<20	<10	1	0.47
D2 VA14644		<5	3.70	0.05	<10	1900	53	20	<20	<10	2	0.43
D2 VA14645		<5	4.02	0.09	<10	1700	16	12	<20	<10	1	0.37
D2 VA14646		<5	5.85	0.10	<10	2800	21	15	<20	<10	1	0.52
D2 VA14647		<5	4.40	0.05	<10	2500	24	22	<20	<10	2	0.51
D2 VA14648		<5	3.18	0.06	<10	1700	54	20	<20	<10	3	0.48
D2 VA14649		<5	2.60	0.02	<10	1900	51	36	<20	<10	4	0.45
D2 VA14650		<5	2.66	0.03	<10	1500	67	51	<20	<10	4	0.40
D2 VA14651		<5	3.18	0.04	<10	2000	50	25	<20	<10	7	0.52
D2 VA14652		<5	2.32	0.04	<10	1400	64	25	<20	<10	4	0.42
D2 VA14653		<5	3.90	0.04	<10	2000	48	26	<20	<10	3	0.53
D2 VA14654		<5	5.60	0.06	<10	2800	27	10	<20	<10	4	0.59
D2 VA14655		<5	3.82	0.07	<10	2100	40	15	<20	<10	4	0.56
D2 VA14656		<5	3.06	0.06	<10	1800	58	18	<20	<10	4	0.56
D2 VA14657		<5	4.10	0.05	<10	2000	23	2	<20	<10	6	0.45
D2 VA14658		<5	3.10	0.04	<10	1500	27	3	<20	<10	11	0.56
D2 VA14659		<5	3.48	0.03	<10	1000	25	4	<20	<10	9	0.50
D2 VA14660		<5	3.01	0.04	<10	1500	25	2	<20	<10	10	0.50
D2 VA14661		<5	3.18	0.05	<10	1200	21	3	<20	<10	9	0.53
D2 VA14662		<5	3.89	0.04	<10	1100	29	3	<20	<10	10	0.63
D2 VA14663		<5	2.65	0.06	<10	1400	18	3	<20	<10	10	0.53
D2 VA14664		<5	3.09	0.04	<10	1600	19	3	<20	<10	15	0.65
D2 VA14665		<5	3.25	0.05	<10	1400	20	5	<20	<10	11	0.50
D2 VA14666		<5	3.05	0.05	<10	1100	25	5	<20	<10	11	0.51
D2 VA14667		<5	2.74	0.06	<10	1100	22	4	<20	<10	8	0.47
D2 VA14668		<5	2.19	0.04	<10	980	39	7	<20	<10	10	0.48

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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 30-OCT-90

REPORT: Y90-02499.0

PROJECT: 147

PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA14641		1.81	1.57	0.06	0.17	146	4
D2 VA14642		0.90	3.27	<0.05	0.22	164	4
D2 VA14643		0.57	4.03	<0.05	0.30	178	4
D2 VA14644		0.27	3.10	<0.05	0.26	185	5
D2 VA14645		0.42	6.04	<0.05	0.24	278	5
D2 VA14646		0.42	5.56	<0.05	0.35	246	7
D2 VA14647		0.34	2.63	<0.05	0.33	117	6
D2 VA14648		0.27	3.10	<0.05	0.30	145	7
D2 VA14649		0.25	1.18	<0.05	0.27	66	5
D2 VA14650		0.24	1.32	<0.05	0.24	64	5
D2 VA14651		0.24	1.50	<0.05	0.29	64	6
D2 VA14652		0.22	2.01	<0.05	0.25	65	5
D2 VA14653		0.31	1.63	<0.05	0.31	68	6
D2 VA14654		0.45	2.52	<0.05	0.37	120	8
D2 VA14655		0.32	3.17	<0.05	0.34	118	7
D2 VA14656		0.29	2.75	<0.05	0.34	108	7
D2 VA14657		0.74	1.89	<0.05	0.33	95	4
D2 VA14658		1.31	1.53	<0.05	0.31	59	4
D2 VA14659		1.20	0.86	<0.05	0.25	32	3
D2 VA14660		1.20	1.72	<0.05	0.27	54	4
D2 VA14661		1.24	1.81	<0.05	0.26	49	5
D2 VA14662		1.40	1.26	<0.05	0.26	37	4
D2 VA14663		1.29	2.90	<0.05	0.27	64	5
D2 VA14664		1.36	1.92	<0.05	0.33	40	5
D2 VA14665		1.20	1.91	<0.05	0.25	39	5
D2 VA14666		1.17	1.92	<0.05	0.25	37	5
D2 VA14667		1.02	2.79	<0.05	0.24	51	5
D2 VA14668		0.73	2.54	<0.05	0.26	49	4

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**Geochemical
 Lab Report**

Falconbridge Limited INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V9B-02537.0 (COMPLETE)

REFERENCE INFO:

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 625-147

SUBMITTED BY: M. VANDE GUCHTE
 DATE PRINTED: 1-NOV-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 11g Gold - Fire Assay	62	5 PPM	Fire-Assay	Fire Assay AA
2	Ag Silver	62	0.2 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	62	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	62	2 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	62	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	62	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	62	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	62	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	62	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	62	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	62	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	62	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	62	0.01 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	62	100 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	62	10 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	62	20 PPM		X-Ray Fluorescence
17	Cr Chromium	62	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	62	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	62	20 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	62	10 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	62	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminum	62	0.02 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	62	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	62	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	62	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	62	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	62	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	62	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma

HEADER: VA14669 - VA14730 ✓

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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02537.0 (COMPLETE)

REFERENCE INFO:

CLIENT: FALCONBRIDGE LIMITED
PROJECT: 605-147

SUBMITTED BY: H. VANDE GUCHTE
DATE PRINTED: 1-NOV-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
0 DRILL CORE	62	2 -150	62	CRUSH,PULVERIZE -150	62

NOTES: = indicates SEE REMARKS

REMARKS: = Ba - interference noted due to Zn.

REPORT COPIES TO: MR. NILS VON FERSEN
MR. GLEN FITT
A.D. McLAUGHLIN

INVOICE TO: MR. NILS VON FERSEN

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 130 Pemberton Ave.
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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 1-NOV-90

REPORT: V90-02537.A

PROJECT: 605-147 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mn PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
D2 VA14669		10	1.2	32	1434	719	<1	6	17	<1	<5	37
D2 VA14670		13	0.6	9	32	35	<1	13	35	<1	<5	33
D2 VA14671		10	0.4	24	13	75	<1	5	14	<1	<5	21
D2 VA14672		47	0.4	29	17	78	1	9	16	<1	<5	38
D2 VA14673		56	0.5	25	24	168	5	23	18	<1	<5	85
D2 VA14674		36	0.4	10	21	9	4	10	16	<1	<5	38
D2 VA14675		39	0.4	6	21	3	20	4	7	<1	<5	12
D2 VA14676		98	0.4	13	24	9	26	7	17	<1	<5	19
D2 VA14677		144	0.5	38	12	56	3	7	19	<1	<5	22
D2 VA14678		59	0.4	39	15	67	1	6	17	<1	<5	22
D2 VA14679		97	0.4	34	20	52	<1	7	16	<1	<5	30
D2 VA14680		104	0.6	42	24	65	1	9	17	<1	<5	73
D2 VA14681		83	0.5	20	16	74	<1	6	17	<1	<5	56
D2 VA14682		60	0.6	42	26	76	4	7	15	<1	<5	53
D2 VA14683		49	0.4	44	11	46	3	6	16	<1	<5	81
D2 VA14684		32	0.3	33	8	33	2	5	13	<1	<5	55
D2 VA14685		28	0.4	30	11	23	<1	4	14	<1	<5	60
D2 VA14686		6	0.3	29	12	34	<1	5	15	<1	<5	51
D2 VA14687		6	0.3	42	13	67	1	4	14	<1	<5	54
D2 VA14688		24	0.4	72	14	79	2	5	15	<1	<5	88
D2 VA14689		52	0.5	21	66	40	3	7	17	<1	<5	51
D2 VA14690		31	0.7	19	240	104	3	11	21	<1	<5	37
D2 VA14691		32	0.6	35	170	141	5	11	23	<1	<5	59
D2 VA14692		57	0.6	48	129	140	8	12	18	<1	<5	65
D2 VA14693		91	0.6	100	98	152	2	8	23	<1	<5	75
D2 VA14694		100	0.9	105	174	134	7	12	29	<1	<5	94
D2 VA14695		35	0.7	64	243	133	9	17	20	<1	<5	74
D2 VA14696		11	0.5	18	327	155	28	8	15	<1	<5	41
D2 VA14697		43	0.7	58	361	229	7	11	23	<1	<5	87
D2 VA14698		45	0.4	59	56	226	4	7	17	<1	<5	84
D2 VA14699		63	1.7	135	318	749	7	6	24	<1	<5	109
D2 VA14700		77	1.4	144	188	489	5	7	24	2	<5	104
D2 VA14701		81	1.2	114	107	99	7	8	21	<1	<5	109
D2 VA14702		114	1.9	188	160	147	11	14	20	<1	<5	127
D2 VA14703		89	1.4	230	133	298	7	11	18	<1	<5	156
D2 VA14704		110	2.1	844	132	185	15	13	24	<1	8	130
D2 VA14705		136	2.2	2541	392	200	17	15	47	<1	39	174
D2 VA14706		146	8.4	1981	413	225	20	21	58	<1	67	198
D2 VA14707		145	8.4	1373	442	256	16	17	51	<1	56	148
D2 VA14708		58	1.4	95	77	268	16	13	19	<1	<5	86

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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 1-NOV-90

REPORT: V90-02537.0

PROJECT: 605-147 PAGE 18

SAMPLE NUMBER	FILAMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Ta PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
D2 VA14669		<5	6.29	1878	<10	260	32	43	<20	<10	2	0.93
D2 VA14670		<5	>10.00	437	<10	370	51	31	<20	<10	<1	1.01
D2 VA14671		<5	4.59	453	<10	970	22	46	<20	<10	2	2.62
D2 VA14672		<5	5.25	360	<10	820	27	28	<20	<10	2	1.39
D2 VA14673		<5	6.02	<100	<10	870	24	15	<20	<10	2	0.60
D2 VA14674		<5	6.13	142	<10	690	82	15	<20	<10	2	0.51
D2 VA14675		<5	2.18	1375	<10	170	72	12	<20	<10	<1	0.24
D2 VA14676		<5	8.29	200	<10	470	23	17	<20	<10	<1	0.63
D2 VA14677		<5	6.49	277	<10	920	19	16	<20	<10	<1	0.77
D2 VA14678		<5	5.11	546	<10	690	18	16	<20	<10	2	0.73
D2 VA14679		<5	4.76	588	<10	490	20	16	<20	<10	1	0.61
D2 VA14680		<5	7.63	350	<10	710	20	25	<20	<10	1	1.02
D2 VA14681		<5	5.29	549	<10	530	23	48	<20	<10	3	1.86
D2 VA14682		<5	5.32	594	<10	820	28	34	<20	<10	<1	2.59
D2 VA14683		<5	4.68	641	<10	810	27	38	<20	<10	1	3.03
D2 VA14684		<5	2.96	256	<10	880	28	17	<20	<10	3	0.95
D2 VA14685		<5	4.67	554	<10	880	30	30	<20	<10	2	2.25
D2 VA14686		<5	5.06	689	<10	870	37	36	<20	<10	1	2.94
D2 VA14687		<5	4.77	861	<10	820	40	57	<20	<10	1	4.02
D2 VA14688		<5	4.69	873	<10	830	39	59	<20	<10	1	4.56
D2 VA14689		<5	6.18	640	<10	1200	36	39	<20	<10	1	2.79
D2 VA14690		<5	7.38	234	<10	1200	53	17	<20	<10	1	0.89
D2 VA14691		<5	7.72	676	<10	1700	25	45	<20	<10	<1	2.48
D2 VA14692		<5	6.71	836	<10	1200	30	43	<20	<10	<1	2.76
D2 VA14693		<5	7.74	535	<10	1400	29	34	<20	<10	<1	2.03
D2 VA14694		<5	8.58	211	<10	1500	23	19	<20	<10	1	0.88
D2 VA14695		<5	9.07	434	<10	1200	37	24	<20	<10	<1	1.23
D2 VA14696		<5	5.95	943	<10	560	89	18	<20	<10	<1	0.79
D2 VA14697		<5	9.54	571	<10	1300	53	21	<20	<10	<1	0.78
D2 VA14698		<5	6.99	979	<10	1200	35	29	<20	<10	2	1.24
D2 VA14699		<5	>10.00	514	<10	1500	21	28	<20	<10	<1	1.18
D2 VA14700		<5	>10.00	883	<10	1600	22	56	<20	<10	<1	3.06
D2 VA14701		<5	>10.00	418	<10	1900	31	33	<20	<10	<1	1.64
D2 VA14702		<5	>10.00	292	<10	1500	26	25	<20	<10	<1	1.41
D2 VA14703		<5	>10.00	899	<10	1200	24	45	<20	<10	<1	2.61
D2 VA14704		<5	>10.00	774	<10	1300	20	24	<20	<10	<1	1.29
D2 VA14705		<5	>10.00	192	<10	1600	23	18	<20	<10	<1	0.95
D2 VA14706		<5	>10.00	263	<10	1500	25	20	<20	<10	<1	0.99
D2 VA14707		<5	>10.00	712	<10	1700	27	49	<20	<10	<1	2.15
D2 VA14708		<5	8.53	926	<10	1100	36	49	<20	<10	<1	2.68

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Geochemical
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 1-NOV-90

REPORT: V90-02537.0

PROJECT: 615-147

PAGE 1C

SAMPLE NUMBER	FL FRNT UNITS	Hg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA14669		1.92	6.34	0.06	0.32	145	5
D2 VA14670		0.99	3.40	0.05	0.38	69	5
D2 VA14671		2.19	3.87	0.10	1.04	80	5
D2 VA14672		1.31	2.49	<0.05	0.46	45	4
D2 VA14673		0.17	0.46	<0.05	0.27	14	3
D2 VA14674		0.17	0.91	0.05	0.24	34	3
D2 VA14675		0.22	>10.00	<0.05	0.11	291	11
D2 VA14676		0.43	1.07	0.06	0.22	29	3
D2 VA14677		0.46	1.54	<0.05	0.32	34	3
D2 VA14678		0.80	2.74	<0.05	0.28	46	4
D2 VA14679		1.08	2.77	<0.05	0.26	48	4
D2 VA14680		1.02	1.35	<0.05	0.30	31	5
D2 VA14681		1.60	2.21	0.13	0.52	46	4
D2 VA14682		1.16	1.90	0.16	0.63	54	4
D2 VA14683		1.61	2.57	0.17	0.88	56	4
D2 VA14684		0.47	1.07	<0.05	0.35	24	2
D2 VA14685		1.25	2.14	0.13	0.72	47	4
D2 VA14686		1.29	2.33	0.18	0.80	56	4
D2 VA14687		2.29	3.64	0.27	1.33	90	4
D2 VA14688		2.28	3.80	0.24	1.34	104	5
D2 VA14689		1.22	2.19	0.20	0.70	82	5
D2 VA14690		0.29	0.76	<0.05	0.32	41	4
D2 VA14691		1.31	1.76	0.14	0.76	88	4
D2 VA14692		1.20	1.25	0.20	0.72	67	3
D2 VA14693		0.89	1.07	0.15	0.55	50	3
D2 VA14694		0.41	0.16	<0.05	0.39	12	2
D2 VA14695		0.67	0.81	0.07	0.41	33	3
D2 VA14696		0.83	1.95	<0.05	0.27	62	3
D2 VA14697		0.62	1.10	<0.05	0.28	51	4
D2 VA14698		1.28	1.57	0.08	0.41	85	4
D2 VA14699		1.84	0.61	<0.05	0.42	55	4
D2 VA14700		3.16	0.75	0.05	1.20	52	4
D2 VA14701		1.01	0.71	<0.05	0.49	41	5
D2 VA14702		0.83	0.48	0.06	0.42	28	4
D2 VA14703		3.66	0.63	0.05	0.86	34	3
D2 VA14704		2.20	0.61	<0.05	0.48	33	4
D2 VA14705		0.44	0.24	<0.05	0.38	12	4
D2 VA14706		0.58	0.25	<0.05	0.38	13	4
D2 VA14707		1.72	1.13	0.06	0.74	45	5
D2 VA14708		2.07	1.34	0.12	0.69	76	4

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Geochemical
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02537.0		DATE PRINTED: 1-NOV-90											
		PROJECT: 605-147										PAGE 2A	
SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	
D2 VA14709		89	1.4	176	94	202	8	8	21	<1	<5	92	
D2 VA14710		89	0.9	97	59	233	10	9	70	<1	<5	87	
D2 VA14711		48	0.4	25	12	144	<1	4	18	<1	<5	171	
D2 VA14712		49	0.4	74	13	103	<1	3	14	<1	<5	169	
D2 VA14713		149	1.1	67	118	627	10	11	22	2	<5	214	
D2 VA14714		186	1.3	59	91	124	12	15	22	<1	<5	131	
D2 VA14715		15	0.4	15	17	113	<1	4	14	<1	<5	133	
D2 VA14716		34	1.0	21	18	41	2	5	13	<1	<5	28	
D2 VA14717		46	1.0	48	38	133	14	12	27	<1	<5	70	
D2 VA14718		6	0.4	17	29	104	1	5	9	<1	<5	<5	
D2 VA14719		6	0.3	14	27	48	1	5	9	<1	<5	8	
D2 VA14720		16	0.3	29	14	90	2	3	6	<1	<5	6	
D2 VA14721		<5	0.4	24	17	87	2	5	10	<1	<5	21	
D2 VA14722		9	<0.2	4	52	48	3	7	4	<1	<5	19	
D2 VA14723		17	0.3	7	75	67	1	2	5	<1	<5	8	
D2 VA14724		<5	0.3	2	91	89	1	<1	5	<1	<5	8	
D2 VA14725		36	0.9	40	800	6091	6	2	7	29	7	54	
D2 VA14726		15	0.2	15	24	133	1	1	5	<1	<5	5	
D2 VA14727		8	0.4	16	114	357	2	2	5	<1	<5	13	
D2 VA14728		13	1.0	126	708	1198	3	2	7	4	<5	23	
D2 VA14729		12	0.4	57	46	424	18	45	12	6	<5	102	
D2 VA14730		6	0.6	7	28	158	1	11	20	<1	<5	32	

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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 1-NOV-90

REPORT: V90-02537.0

PROJECT: 605-147 PAGE 2C

SAMPLE NUMBER	FIFMNT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA14709		4.65	1.38	0.32	1.32	65	4
D2 VA14710		5.49	1.22	0.08	1.10	50	4
D2 VA14711		3.05	0.38	<0.05	0.75	22	3
D2 VA14712		2.38	4.44	<0.05	0.35	210	6
D2 VA14713		0.68	0.88	<0.05	0.33	25	5
D2 VA14714		0.26	0.41	<0.05	0.31	13	5
D2 VA14715		3.38	3.88	0.24	1.70	146	5
D2 VA14716		0.89	3.74	<0.05	0.43	60	4
D2 VA14717		0.90	2.61	<0.05	0.38	47	5
D2 VA14718		1.61	3.66	0.09	0.60	62	4
D2 VA14719		1.37	3.46	0.14	0.50	69	4
D2 VA14720		1.38	0.93	<0.05	0.22	30	4
D2 VA14721		2.48	0.93	<0.05	0.22	24	3
D2 VA14722		1.71	0.86	<0.05	0.22	32	3
D2 VA14723		3.98	0.55	<0.05	0.16	20	4
D2 VA14724		4.55	0.40	<0.05	0.15	21	3
D2 VA14725		1.40	0.37	<0.05	0.24	26	4
D2 VA14726		2.35	0.41	<0.05	0.14	28	4
D2 VA14727		4.53	0.17	<0.05	0.09	10	3
D2 VA14728		3.28	0.15	<0.05	0.19	10	3
D2 VA14729		1.98	0.17	<0.05	0.18	11	3
D2 VA14730		7.75	0.37	<0.05	0.05	16	5

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Certificate
 of Analysis

REPORT: 0911-02539.4 (COMPLETE) REFERENCE INFO:

CLIENT: FALCONBRIDGE LIMITED Falconbridge Limited SUBMITTED BY: D. McLAUGHLIN
 PROJECT: 147 DATE PRINTED: 7-NOV-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	7	0.002 OPT		Fire Assay
2	Ag Silver	7	0.02 OPT		Fire Assay
3	Ba Barium	7	0.01 PCT		Atomic Absorption
4	Cu Copper	7	0.00 PCT	HCL-HNO3-HF	Atomic Absorption
5	Pb Lead	7	0.01 PCT	HCL-HNO3-HF	Atomic Absorption
6	Zn Zinc	7	0.01 PCT	HCL-HNO3-HF	Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
P PREPARED PULP	1	4 AS REC'D	1	CRUSH, PULVERIZE -150	6
D DRILL CORE	6	2 -150	6	AS RECEIVED, NO SP	1

REPORT COPIES TO: MR. NILS VON FFRSEN
 MR. GLEN FLITT
 A.D. McLAUGHLIN

INVOICE TO: MR. NILS VON FFRSEN

ASSAYS ONLY
Follow up

VA14360 - 365 ✓

VA13250 ✓

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Certificate
 of Analysis

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 7-NOV-90

REPORT: U90-02539.4

PROJECT: 147 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Ba PCT	Cu PCT	Pb PCT	Zn PCT
VA14360		<0.002	0.74	0.05	0.85	0.30	2.26
Duplicate					0.86	0.30	2.22
VA14361		<0.002	0.26	0.05	0.12	0.12	1.07
Duplicate				0.04			
VA14362		0.004	0.61	0.03	1.05	0.26	2.16
Duplicate					1.06	0.26	2.13
VA14364		0.003	1.03	0.03	1.09	0.60	5.32
Duplicate		0.003	1.04	0.03			

Registered Assayer, Province of British Columbia

Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 V7P 2R5
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BC
BONDAR-CLEGG

**Geochemical
 Lab Report**

A DIVISION OF **RECEIVED** ANALYTICAL SERVICES

RECEIVED
 NOV 19 1990

REPORT: V90-02570.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #14

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 605-146

Falconbridge Limited

SUBMITTED BY: COLIN
 DATE PRINTED: 15-NOV-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	72	5 PPM	Fire-Assay	Fire Assay AA
2	Ag Silver	72	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	72	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	72	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	72	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	72	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	72	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	72	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	72	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	72	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	72	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	72	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	72	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	72	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	72	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	72	20 PPM		X-Ray Fluorescence
17	Cr Chromium	72	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	72	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Cu Tin	72	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	72	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	72	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminium	72	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	72	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	72	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	72	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	72	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	72	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	72	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma

Header: VA14301 - VA14352 ✓
 VA14731 - VA14750 ✓

Bondar-Clegg & Company Ltd.
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SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	72	2 -150	72	CRUSH, PULVERIZE -150	72

REMARKS: GOLD RETEST RESULT AS FOLLOWS:
SAMPLE VA14336 CHECKS = 102 & 72ppb

Assay of Cu, Pb, and Zn for Cu 10000
to follow on V90-02570.0.

REPORT COPIES TO: MR. NILS VON FERSEN
MR. GLEN FLETT
A.D. HELMUSKLIN

INVOICE TO: MR. NILS VON FERSEN

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SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Hg PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
D2 VA14301		<5	<0.2	36	10	22	1	23	9	<1	<5	39
D2 VA14302		<5	<0.2	57	9	47	2	37	17	<1	<5	16
D2 VA14303		<5	<0.2	39	5	20	2	23	11	<1	<5	11
D2 VA14304		<5	<0.2	70	7	23	2	46	21	<1	<5	28
D2 VA14305		<5	<0.2	70	8	135	2	547	66	<1	<5	18
D2 VA14306		<5	<0.2	149	11	40	2	69	22	<1	<5	33
D2 VA14307		<5	<0.2	240	3	49	<1	248	26	<1	<5	23
D2 VA14308		<5	<0.2	107	13	26	2	40	16	<1	<5	21
D2 VA14309		<5	<0.2	59	6	43	1	32	15	<1	<5	18
D2 VA14310		<5	<0.2	49	9	54	<1	31	14	<1	<5	15
D2 VA14311		<5	<0.2	66	6	72	1	36	18	<1	<5	16
D2 VA14312		<5	<0.2	39	28	41	<1	12	6	<1	<5	9
D2 VA14313		<5	<0.2	64	32	55	2	34	13	<1	<5	<5
D2 VA14314		<5	<0.2	26	7	121	2	148	33	<1	<5	13
D2 VA14315		<5	<0.2	108	9	92	2	75	29	<1	<5	17
D2 VA14316		<5	<0.2	65	5	61	2	42	18	<1	<5	11
D2 VA14317		<5	<0.2	61	3	43	2	67	21	<1	<5	10
D2 VA14318		<5	<0.2	59	3	54	2	49	17	<1	<5	11
D2 VA14319		<5	<0.2	67	<2	46	1	26	12	<1	<5	8
D2 VA14320		<5	<0.2	50	3	101	1	36	15	<1	<5	9
D2 VA14321		<5	1.9	148	84	41	92	41	19	<1	6	12
D2 VA14322		<5	<0.2	67	9	61	3	36	16	<1	<5	42
D2 VA14323		<5	<0.2	51	9	110	2	37	16	<1	<5	36
D2 VA14324		<5	<0.2	128	26	143	3	39	17	<1	<5	39
D2 VA14325		<5	<0.2	127	20	112	2	38	17	<1	<5	201
D2 VA14326		<5	<0.2	213	8	109	2	37	17	1	<5	441
D2 VA14327		<5	<0.2	275	9	127	2	44	15	<1	<5	150
D2 VA14328		<5	<0.2	346	12	115	2	31	14	<1	<5	58
D2 VA14329		<5	<0.2	76	5	101	2	42	18	<1	<5	18
D2 VA14330		<5	<0.2	332	3	106	1	29	17	<1	<5	10
D2 VA14331		<5	0.3	894	7	97	<1	20	19	<1	<5	9
D2 VA14332		<5	0.3	708	9	92	2	35	34	<1	<5	14
D2 VA14333		<5	<0.2	307	<2	90	4	56	24	<1	<5	17
D2 VA14334		<5	2.0	1656	137	97	1	93	90	<1	8	52
D2 VA14335		<5	<0.2	150	2	74	2	43	15	<1	<5	11
D2 VA14336		93	7.3	11668	23	352	2	75	38	<1	25	24
D2 VA14337		<5	0.4	1382	<2	51	2	45	25	<1	<5	14
D2 VA14338		<5	<0.2	400	3	49	2	47	22	<1	<5	13
D2 VA14339		<5	<0.2	548	<2	62	1	71	26	<1	<5	16
D2 VA14340		21	2.3	2910	19	145	1	63	40	<1	7	80

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SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
D2 VA14301		<5	3.13	1394	<10	340	38	10	<20	<10	2	0.31
D2 VA14302		<5	4.65	931	<10	520	27	9	<20	<10	3	0.55
D2 VA14303		<5	3.11	1475	<10	320	41	13	<20	<10	4	0.62
D2 VA14304		<5	5.28	1184	<10	440	48	10	<20	<10	3	0.62
D2 VA14305		<5	7.27	2282	<10	100	120	18	<20	<10	1	0.90
D2 VA14306		<5	6.67	848	<10	580	36	14	<20	<10	4	0.84
D2 VA14307		<5	6.27	2497	<10	<20	180	17	<20	<10	<1	0.70
D2 VA14308		<5	4.72	970	<10	590	47	10	<20	<10	4	0.64
D2 VA14309		<5	3.93	1221	<10	420	32	11	<20	<10	4	0.45
D2 VA14310		<5	3.71	1094	<10	460	26	13	<20	<10	4	0.67
D2 VA14311		<5	5.03	746	<10	420	20	15	<20	<10	5	0.71
D2 VA14312		<5	1.60	364	<10	210	9	14	<20	<10	4	0.36
D2 VA14313		<5	4.13	1154	<10	466	29	18	<20	<10	4	0.87
D2 VA14314		<5	7.12	1440	<10	30	166	86	<20	<10	5	2.90
D2 VA14315		<5	6.73	534	<10	786	52	21	<20	<10	8	1.96
D2 VA14316		<5	5.22	1154	<10	700	25	15	<20	<10	6	1.14
D2 VA14317		<5	4.37	1004	<10	700	35	13	<20	<10	6	0.90
D2 VA14318		<5	4.08	1375	<10	670	31	18	<20	<10	5	1.17
D2 VA14319		<5	3.13	1109	<10	600	35	10	<20	<10	5	0.61
D2 VA14320		5	4.48	1146	<10	750	37	21	<20	<10	9	1.80
D2 VA14321		<5	5.10	1371	<10	660	24	13	<20	<10	4	0.76
D2 VA14322		<5	4.68	1426	<10	660	29	17	<20	<10	5	1.10
D2 VA14323		<5	4.75	1712	<10	710	27	16	<20	<10	5	1.28
D2 VA14324		<5	6.38	1113	<10	770	47	28	<20	<10	5	2.03
D2 VA14325		<5	5.91	1411	<10	780	49	26	<20	<10	6	2.00
D2 VA14326		<5	7.29	1149	<10	760	65	38	<20	<10	5	2.62
D2 VA14327		<5	7.13	1108	<10	850	56	39	<20	<10	7	2.66
D2 VA14328		<5	6.47	1133	<10	770	72	30	<20	<10	6	2.21
D2 VA14329		<5	5.70	1274	<10	830	45	35	<20	<10	8	2.22
D2 VA14330		<5	7.85	1086	<10	570	72	39	<20	<10	5	2.59
D2 VA14331		<5	8.48	732	<10	400	65	23	<20	<10	5	1.79
D2 VA14332		<5	>10.00	822	<10	750	63	31	<20	<10	5	2.51
D2 VA14333		<5	8.97	832	<10	1080	66	57	<20	<10	5	3.72
D2 VA14334		<5	>10.00	960	<10	420	267	53	<20	<10	<1	3.89
D2 VA14335		<5	7.82	792	<10	1400	59	35	<20	<10	9	3.66
D2 VA14336		<5	>10.00	1054	<10	860	172	108	<20	<10	5	3.69
D2 VA14337		<5	7.07	667	<10	1500	54	32	<20	<10	10	3.02
D2 VA14338		<5	7.26	850	<10	1700	56	36	<20	<10	12	3.50
D2 VA14339		<5	7.69	722	<10	1400	81	52	<20	<10	16	3.71
D2 VA14340		<5	>10.00	906	<10	650	103	69	<20	<10	8	4.32

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SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA14301		1.38	>10.00	<0.05	0.16	515	15
D2 VA14302		1.72	4.86	<0.05	0.24	143	7
D2 VA14303		1.08	>10.00	<0.05	0.20	456	9
D2 VA14304		1.66	6.50	<0.05	0.23	209	9
D2 VA14305		4.66	>10.00	<0.05	0.10	283	10
D2 VA14306		1.83	4.40	<0.05	0.28	126	7
D2 VA14307		4.10	7.84	<0.05	<0.05	254	6
D2 VA14308		1.81	4.88	<0.05	0.27	132	5
D2 VA14309		1.60	>10.00	<0.05	0.20	335	10
D2 VA14310		1.44	>10.00	<0.05	0.25	328	11
D2 VA14311		2.06	9.43	<0.05	0.21	205	11
D2 VA14312		0.63	2.55	<0.05	0.14	904	16
D2 VA14313		1.75	>10.00	<0.05	0.26	318	8
D2 VA14314		4.80	7.19	<0.05	0.07	187	8
D2 VA14315		1.98	1.76	<0.05	0.37	69	5
D2 VA14316		1.82	4.94	<0.05	0.35	126	6
D2 VA14317		1.68	4.74	<0.05	0.37	112	5
D2 VA14318		1.50	7.98	<0.05	0.45	220	8
D2 VA14319		1.10	5.13	<0.05	0.30	157	6
D2 VA14320		2.30	4.09	<0.05	0.62	117	5
D2 VA14321		1.57	5.96	<0.05	0.30	209	8
D2 VA14322		1.51	6.53	<0.05	0.36	170	6
D2 VA14323		1.65	6.38	<0.05	0.36	172	6
D2 VA14324		2.38	2.43	<0.05	0.22	56	5
D2 VA14325		2.44	2.80	<0.05	0.21	56	5
D2 VA14326		2.92	1.96	<0.05	0.18	46	5
D2 VA14327		2.85	2.20	<0.05	0.17	44	5
D2 VA14328		2.29	2.80	<0.05	0.20	69	5
D2 VA14329		2.54	3.60	<0.05	0.24	77	6
D2 VA14330		2.43	2.42	<0.05	0.19	60	6
D2 VA14331		1.47	1.28	<0.05	0.09	34	4
D2 VA14332		2.06	1.20	<0.05	0.15	27	5
D2 VA14333		3.17	0.66	<0.05	0.22	25	5
D2 VA14334		3.28	1.15	<0.05	0.08	27	7
D2 VA14335		2.98	0.55	<0.05	0.19	22	4
D2 VA14336		3.00	3.82	<0.05	0.13	66	11
D2 VA14337		2.42	0.69	<0.05	0.16	20	6
D2 VA14338		2.90	1.30	<0.05	0.15	32	7
D2 VA14339		3.98	1.24	<0.05	0.18	34	11
D2 VA14340		3.97	2.14	<0.05	0.10	58	12

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SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPH	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
D2 VA14341		<5	0.3	301	28	56	<1	5	10	<1	<5	37
D2 VA14342		6	1.9	2487	8	68	<1	19	42	<1	5	69
D2 VA14343		37	1.1	1065	19	112	2	88	46	<1	<5	182
D2 VA14344		<5	<0.2	362	4	161	5	196	46	<1	<5	55
D2 VA14345		<5	0.3	461	15	178	4	53	37	<1	<5	61
D2 VA14346		51	1.9	1586	16	242	3	52	48	<1	<5	219
D2 VA14347		<5	0.3	440	6	353	1	49	37	<1	<5	85
D2 VA14348		67	1.4	1083	23	124	<1	47	49	<1	<5	278
D2 VA14349		22	0.3	553	10	145	<1	45	31	<1	<5	125
D2 VA14350		44	1.1	802	10	136	1	49	36	<1	<5	107
D2 VA14351		10	0.8	581	5	93	2	61	32	<1	<5	60
D2 VA14352		10	1.0	752	7	182	2	104	50	<1	<5	78
D2 VA14731		<5	<0.2	29	<2	73	1	13	21	<1	<5	22
D2 VA14732		<5	<0.2	62	10	92	2	41	19	<1	<5	15
D2 VA14733		<5	<0.2	57	11	68	3	34	15	<1	<5	16
D2 VA14734		<5	<0.2	49	14	76	2	28	13	<1	<5	7
D2 VA14735		<5	<0.2	37	7	75	<1	26	11	<1	<5	8
D2 VA14736		<5	<0.2	43	9	51	<1	25	11	<1	<5	8
D2 VA14737		<5	<0.2	56	11	37	2	34	15	<1	<5	22
D2 VA14738		<5	<0.2	56	14	53	2	32	14	<1	<5	29
D2 VA14739		<5	0.2	114	42	69	4	40	17	<1	<5	24
D2 VA14740		<5	0.9	97	64	50	21	29	13	<1	6	9
D2 VA14741		<5	0.5	53	57	14	30	37	20	<1	<5	7
D2 VA14742		<5	0.9	48	100	40	22	37	13	<1	<5	18
D2 VA14743		<5	<0.2	114	32	53	5	42	17	<1	<5	28
D2 VA14744		<5	<0.2	75	13	45	2	33	16	<1	<5	30
D2 VA14745		<5	<0.2	48	12	35	2	25	12	<1	<5	16
D2 VA14746		<5	<0.2	60	6	153	2	34	18	<1	<5	7
D2 VA14747		<5	<0.2	78	5	70	2	41	20	<1	<5	9
D2 VA14748		<5	<0.2	48	7	64	1	33	14	<1	<5	6
D2 VA14749		<5	<0.2	14	10	37	<1	11	5	<1	<5	<5
D2 VA14750		<5	<0.2	53	7	88	2	40	16	<1	<5	7

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SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
D2 VA14341		<5	4.01	927	<10	1500	26	22	<20	<10	3	2.37
D2 VA14342		<5	>10.00	830	<10	630	25	72	<20	<10	5	3.57
D2 VA14343		<5	>10.00	1208	<10	60	161	127	<20	<10	<1	4.76
D2 VA14344		<5	>10.00	1564	<10	100	286	120	<20	<10	3	4.36
D2 VA14345		<5	>10.00	1950	<10	120	80	118	<20	<10	3	4.24
D2 VA14346		<5	>10.00	1752	<10	80	92	106	<20	<10	<1	4.11
D2 VA14347		<5	>10.00	1407	<10	120	75	131	<20	<10	4	4.49
D2 VA14348		<5	>10.00	1151	<10	110	72	118	<20	<10	<1	4.19
D2 VA14349		<5	>10.00	1281	<10	150	68	143	<20	<10	<1	5.31
D2 VA14350		<5	>10.00	1256	<10	100	86	122	<20	<10	<1	4.12
D2 VA14351		9	>10.00	1410	<10	140	89	106	<20	<10	<1	3.12
D2 VA14352		<5	>10.00	1178	<10	140	162	122	<20	<10	<1	3.48
D2 VA14731		<5	6.77	1092	<10	350	89	61	<20	<10	6	2.88
D2 VA14732		<5	4.96	1080	<10	560	42	16	<20	<10	5	0.91
D2 VA14733		<5	4.64	1098	<10	420	36	15	<20	<10	5	0.88
D2 VA14734		<5	4.18	1110	<10	340	36	12	<20	<10	3	0.62
D2 VA14735		<5	4.05	614	<10	370	38	16	<20	<10	6	0.89
D2 VA14736		<5	3.82	468	<10	360	31	17	<20	<10	5	0.96
D2 VA14737		<5	4.84	1165	<10	460	31	15	<20	<10	4	0.87
D2 VA14738		<5	4.65	1137	<10	470	32	17	<20	<10	3	0.96
D2 VA14739		<5	5.02	1150	<10	700	32	21	<20	<10	3	1.08
D2 VA14740		<5	3.96	1288	<10	30	49	11	<20	<10	4	0.18
D2 VA14741		<5	4.53	536	<10	<20	146	4	<20	<10	2	0.10
D2 VA14742		<5	3.95	1147	<10	330	49	11	<20	<10	4	0.33
D2 VA14743		<5	5.17	1297	<10	640	36	18	<20	<10	6	0.94
D2 VA14744		<5	4.42	1296	<10	500	25	15	<20	<10	2	0.79
D2 VA14745		<5	3.76	1521	<10	320	23	11	<20	<10	2	0.40
D2 VA14746		<5	5.42	1190	<10	300	43	32	<20	<10	8	1.17
D2 VA14747		<5	5.84	860	<10	480	37	13	<20	<10	4	0.92
D2 VA14748		<5	4.43	1074	<10	370	43	10	<20	<10	2	0.45
D2 VA14749		<5	1.55	720	<10	140	36	13	<20	<10	7	0.25
D2 VA14750		<5	4.35	517	<10	430	33	16	<20	<10	5	0.59

Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 V7P 2R5
 (604) 985-0681 Telex 04-352667



Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 15-NOV-90

REPORT: V90-02570.D

PROJECT: 605-146

PAGE 2C

SAMPLE NUMBER	ELEMENT UNITS	Hg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA14341		1.82	1.56	<0.05	0.25	34	5
D2 VA14342		3.04	1.76	<0.05	0.10	44	9
D2 VA14343		6.11	2.27	<0.05	<0.05	61	10
D2 VA14344		6.58	4.56	<0.05	<0.05	131	9
D2 VA14345		6.42	4.63	<0.05	<0.05	158	11
D2 VA14346		5.98	3.50	<0.05	<0.05	110	10
D2 VA14347		6.14	3.52	<0.05	<0.05	90	11
D2 VA14348		5.59	1.39	<0.05	<0.05	44	9
D2 VA14349		6.49	1.15	<0.05	<0.05	36	10
D2 VA14350		5.61	1.62	<0.05	<0.05	48	10
D2 VA14351		4.50	1.61	<0.05	<0.05	51	9
D2 VA14352		4.96	1.71	<0.05	<0.05	49	11
D2 VA14731		3.70	5.04	<0.05	0.10	128	8
D2 VA14732		2.06	7.48	<0.05	0.19	188	7
D2 VA14733		1.87	8.62	<0.05	0.22	180	8
D2 VA14734		1.50	>10.00	<0.05	0.19	307	8
D2 VA14735		1.26	9.79	<0.05	0.18	254	8
D2 VA14735		1.11	>10.00	<0.05	0.20	450	8
D2 VA14737		1.70	7.87	<0.05	0.35	201	7
D2 VA14738		1.71	9.86	<0.05	0.36	280	8
D2 VA14739		1.81	7.18	<0.05	0.52	193	6
D2 VA14740		2.00	7.22	<0.05	0.07	354	7
D2 VA14741		0.82	2.09	<0.05	<0.05	123	3
D2 VA14742		1.61	5.06	0.05	0.16	266	7
D2 VA14743		1.79	6.31	<0.05	0.37	194	7
D2 VA14744		1.51	>10.00	<0.05	0.37	305	9
D2 VA14745		1.41	>10.00	<0.05	0.22	387	9
D2 VA14746		2.51	8.33	<0.05	0.34	254	12
D2 VA14747		1.97	4.02	<0.05	0.29	140	7
D2 VA14748		1.78	8.87	<0.05	0.23	299	9
D2 VA14749		0.90	2.44	<0.05	0.09	744	16
D2 VA14750		1.67	>10.00	<0.05	0.21	352	10

Company Ltd.
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**Certificate
of Analysis**

A DIVISION OF INDEPENDENT ANALYTICAL SERVICES

RECEIVED
 NOV 23 1990

REPORT: V90-02570.6 (COMPLETE)

REFERENCE INFO: SHIPMENT #14

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 605-146

SUBMITTED BY: COLIN
 DATE PRINTED: 20-NOV-90

Falconbridge Limited

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption
2	Pb Lead	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption
3	Zn Zinc	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	1	-150	1	SAMPLES FROM STORAGE	1

REPORT COPIES TO: MR. NILS VON FERSEN
 MR. GLEN FLETT
 A.D. MCLAUGHLIN

INVOICE TO: MR. NILS VON FERSEN

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North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667



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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 20-NOV-90

REPORT: V90-02570.6

PROJECT: 605-146 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT	Pb PCT	Zn PCT
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D2 VA14336		1.28	0.01	0.04
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Registered Assayer, Province of British Columbia

Bondar-Clegg & Company Ltd.
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North Vancouver, B.C.
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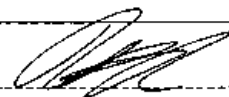
A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 20-NOV-90

REPORT: V90-02570.6

PROJECT: 605-146 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT	Pb PCT	Zn PCT
VA14336		1.28	0.01	0.04
Duplicate		1.28	0.01	0.04


Registered Assayer, Province of British Columbia

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*incomplete
 Nov 26/90*

**Geochemical
 Lab Report**

A DIVISION OF THE CANADIAN MINING SERVICES

RECEIVED
 NOV 21 1990

REPORT: V90-02607.D (COMPLETE)

REFERENCE INFO: SHIPMENT #16

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 147

Falconbridge Limited

SUBMITTED BY: COLIN
 DATE PRINTED: 15-NOV-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Av 10g Gold - Fire Assay	43	5 PPB	Fire-Assay	Fire Assay AA
2	Ag Silver	43	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	43	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	43	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	43	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	43	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	43	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	43	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	43	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	43	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	43	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	43	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	43	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	43	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	43	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	43	20 PPM		X-Ray Fluorescence
17	Cr Chromium	43	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	43	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	43	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	43	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	43	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminium	43	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	43	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	43	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	43	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	43	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	43	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	43	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma

Head VA 12345 - 399 ✓

VA 12437 - VA 12438 ✓

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11800 15th Ave.
Vancouver, B.C.
V6S 2S5
85-0681 Telex 04-352667



Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02607.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #16

CLIENT: FALCONBRIDGE LIMITED
PROJECT: 147

SUBMITTED BY: COLIN
DATE PRINTED: 15-NOV-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	43	2 -150	42	CRUSH, PULVERIZE -150	42

REPORT COPIES TO: MR. NILS VON FERSEN
MR. GLEN FLETT
A.D. MCLAUGHLIN

INVOICE TO: MR. NILS VON FERSEN

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 130 Pemberton Ave.
 North Vancouver, B.C.
 V7P 2R5
 (604) 985-0681 Telex 04-352667



Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 15-NOV-93

REPORT: V90-02607.0

PROJECT: 147

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
D2 VA12395		42	0.4	24	41	64	5	5	13	<1	<5	55
D2 VA12396		34	0.4	23	27	40	2	5	14	<1	<5	48
D2 VA12397		37	0.4	25	21	52	3	5	14	<1	<5	48
D2 VA12398		18	0.4	34	7	124	2	4	12	<1	<5	32
D2 VA12399		24	0.4	43	8	108	2	4	14	<1	<5	40
D2 VA12431		90	1.3	51	50	164	2	4	13	3	<5	481
D2 VA12432		77	1.2	36	66	57	2	5	13	<1	<5	203
D2 VA12433		95	1.6	38	86	91	3	3	11	<1	<5	212
D2 VA12434		60	0.7	43	89	172	2	5	13	<1	<5	132
D2 VA12435		82	0.6	35	64	251	2	4	13	<1	<5	109
D2 VA12436		48	0.6	36	44	164	3	5	13	<1	<5	68
D2 VA12437		34	0.4	47	14	63	2	4	14	<1	<5	85
D2 VA12438		47	0.5	45	53	78	2	5	14	<1	<5	111
D2 VA12439		29	0.5	19	33	37	<1	2	11	<1	<5	62
D2 VA12440		60	0.5	23	66	147	2	3	11	<1	<5	127
D2 VA12441		63	1.5	88	660	1175	3	3	11	4	<5	154
D2 VA12442		71	1.0	84	222	215	3	4	11	<1	<5	149
D2 VA12443		57	1.1	75	445	332	5	3	12	<1	<5	141
D2 VA12444		66	0.9	44	234	719	5	4	13	2	<5	149
D2 VA12445		62	1.0	87	272	377	6	5	13	2	<5	170
D2 VA12446		52	1.0	52	287	329	3	5	12	<1	<5	141
D2 VA12447		43	0.6	34	73	72	2	4	13	<1	<5	99
D2 VA12448		84	1.4	190	525	961	3	4	13	4	<5	191
D2 VA12449		90	0.7	45	170	362	2	3	12	3	<5	226
D2 VA12450		83	2.1	58	739	890	3	4	11	3	<5	215
D2 VA12451		78	0.6	92	119	126	2	3	11	<1	<5	241
D2 VA12452		222	6.2	270	2777	4992	9	4	5	19	10	360
D2 VA12453		80	0.8	31	201	283	3	4	10	<1	<5	211
D2 VA12454		49	0.5	21	71	128	2	4	11	<1	<5	155
D2 VA12455		33	0.2	13	34	54	3	4	11	<1	<5	77
D2 VA12456		41	0.4	16	126	108	<1	4	10	<1	<5	89
D2 VA12457		24	0.4	14	49	70	<1	3	9	<1	<5	51
D2 VA12458		69	1.1	32	773	681	1	3	11	2	<5	134
D2 VA12459		26	0.5	17	115	110	2	4	9	<1	<5	63
D2 VA12460		38	0.4	12	81	91	2	4	10	<1	<5	83
D2 VA12461		48	0.5	40	225	195	<1	2	10	<1	<5	100
D2 VA12462		48	0.6	30	144	403	3	5	12	1	<5	124
D2 VA12463		11	1.4	47	494	254	2	3	11	<1	<5	46
D2 VA12464		31	0.5	34	123	320	2	3	10	<1	<5	64
D2 VA12465		59	0.9	112	632	1079	2	3	11	4	<5	172

Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 V7P 2R5
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**Geochemical
 Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 15-NOV-90

PROJECT: 147

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REPORT: V90-02607.0

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
D2 VA12395		<5	4.16	<100	<10	500	46	9	<20	<10	3	0.58
D2 VA12396		<5	4.02	<100	<10	500	40	9	<20	<10	4	0.64
D2 VA12397		<5	3.57	195	<10	520	32	9	<20	<10	2	0.65
D2 VA12398		<5	3.34	524	<10	410	23	19	<20	<10	4	1.97
D2 VA12399		<5	3.85	468	<10	470	26	19	<20	<10	3	1.97
D2 VA12431		8	5.22	252	<10	670	40	7	<20	<10	2	0.66
D2 VA12432		<5	5.66	<100	<10	600	37	8	<20	<10	2	0.57
D2 VA12433		<5	5.16	<100	<10	600	42	7	<20	<10	3	0.55
D2 VA12434		9	4.52	<100	<10	520	33	8	<20	<10	2	0.57
D2 VA12435		5	4.54	<100	<10	500	33	8	<20	<10	3	0.64
D2 VA12436		8	4.33	<100	<10	510	39	8	<20	<10	3	0.56
D2 VA12437		<5	3.28	377	<10	470	27	12	<20	<10	3	1.06
D2 VA12438		<5	3.65	206	<10	510	47	8	<20	<10	2	0.57
D2 VA12439		<5	3.37	1052	<10	520	27	12	<20	<10	2	0.80
D2 VA12440		<5	3.72	592	<10	560	39	9	<20	<10	2	0.70
D2 VA12441		5	4.18	968	<10	600	43	8	<20	<10	2	0.56
D2 VA12442		5	5.03	173	<10	550	45	7	<20	<10	2	0.51
D2 VA12443		5	4.77	339	<10	620	53	8	<20	<10	2	0.47
D2 VA12444		<5	4.94	300	<10	600	49	8	<20	<10	2	0.51
D2 VA12445		9	4.66	266	<10	590	63	10	<20	<10	3	0.53
D2 VA12446		9	4.89	135	<10	580	52	8	<20	<10	2	0.50
D2 VA12447		<5	4.37	204	<10	610	34	9	<20	<10	2	0.61
D2 VA12448		8	5.02	<100	<10	600	42	8	<20	<10	2	0.57
D2 VA12449		<5	4.50	102	<10	590	43	8	<20	<10	3	0.56
D2 VA12450		5	4.68	<100	<10	580	48	7	<20	<10	3	0.62
D2 VA12451		<5	4.42	<100	<10	620	49	7	<20	<10	4	0.59
D2 VA12452		19	6.95	850	<10	260	100	6	<20	<10	<1	0.29
D2 VA12453		<5	4.98	158	<10	590	49	7	<20	<10	4	0.52
D2 VA12454		<5	4.53	530	<10	660	45	10	<20	<10	2	0.95
D2 VA12455		<5	3.07	445	<10	720	31	12	<20	<10	5	1.04
D2 VA12456		<5	3.62	770	<10	630	27	12	<20	<10	3	1.12
D2 VA12457		<5	3.43	948	<10	670	21	14	<20	<10	3	1.17
D2 VA12458		<5	4.66	429	<10	650	31	9	<20	<10	2	0.76
D2 VA12459		<5	3.32	832	<10	620	21	17	<20	<10	6	1.42
D2 VA12460		<5	3.41	830	<10	650	41	12	<20	<10	2	1.02
D2 VA12461		<5	3.21	517	<10	720	23	9	<20	<10	2	0.76
D2 VA12462		<5	4.38	514	<10	640	40	21	<20	<10	5	2.05
D2 VA12463		<5	3.35	1161	<10	680	44	12	<20	<10	4	1.00
D2 VA12464		<5	3.98	871	<10	720	27	17	<20	<10	2	1.64
D2 VA12465		<5	4.69	427	<10	750	33	8	<20	<10	1	0.62

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 North Vancouver, B.C.
 V7P 2R5
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Geochemical
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 15-NOV-90

REPORT: V90-02607.0

PROJECT: 147 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Hg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA12395		0.20	0.41	<0.05	0.30	23	3
D2 VA12396		0.13	0.25	<0.05	0.35	17	5
D2 VA12397		0.39	0.71	<0.05	0.30	20	3
D2 VA12398		2.19	1.32	<0.05	0.28	30	3
D2 VA12399		2.01	1.13	<0.05	0.26	20	4
D2 VA12431		0.38	0.38	<0.05	0.29	20	4
D2 VA12432		0.10	0.13	<0.05	0.27	14	4
D2 VA12433		0.13	0.32	<0.05	0.29	18	4
D2 VA12434		0.07	0.17	<0.05	0.25	14	4
D2 VA12435		0.22	0.39	<0.05	0.32	20	5
D2 VA12436		0.12	0.29	<0.05	0.28	18	4
D2 VA12437		1.04	1.05	<0.05	0.26	31	4
D2 VA12438		0.34	0.57	<0.05	0.26	21	3
D2 VA12439		1.49	2.87	<0.05	0.27	45	5
D2 VA12440		0.70	1.39	<0.05	0.27	25	4
D2 VA12441		1.12	2.49	<0.05	0.25	51	5
D2 VA12442		0.20	0.49	<0.05	0.25	18	4
D2 VA12443		0.47	1.09	<0.05	0.24	34	5
D2 VA12444		0.12	0.29	<0.05	0.25	12	4
D2 VA12445		0.33	0.59	<0.05	0.23	32	4
D2 VA12446		0.23	0.34	<0.05	0.21	14	5
D2 VA12447		0.39	0.47	<0.05	0.24	14	4
D2 VA12448		0.21	0.20	<0.05	0.21	9	4
D2 VA12449		0.18	0.24	<0.05	0.25	10	4
D2 VA12450		0.19	0.18	<0.05	0.25	8	4
D2 VA12451		0.08	0.10	<0.05	0.28	9	4
D2 VA12452		1.19	2.30	<0.05	0.13	58	7
D2 VA12453		0.22	0.39	<0.05	0.24	12	3
D2 VA12454		0.81	1.04	<0.05	0.24	24	3
D2 VA12455		0.78	0.81	<0.05	0.26	20	2
D2 VA12456		1.22	1.62	<0.05	0.22	35	3
D2 VA12457		1.57	2.16	<0.05	0.24	53	3
D2 VA12458		0.68	0.97	<0.05	0.22	22	4
D2 VA12459		1.65	1.90	<0.05	0.25	45	3
D2 VA12460		1.58	2.03	<0.05	0.22	52	4
D2 VA12461		1.07	1.50	<0.05	0.24	35	3
D2 VA12462		2.00	1.30	<0.05	0.43	35	4
D2 VA12463		1.91	2.43	<0.05	0.28	73	4
D2 VA12464		2.32	1.87	<0.05	0.24	48	4
D2 VA12465		0.78	1.28	<0.05	0.24	32	4

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**Geochemical
 Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02607.0

DATE PRINTED: 15-NOV-90
 PROJECT: 147 PAGE 2A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mn PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
D2 VA12466		33	0.6	21	73	260	2	3	10	<1	<5	76
D2 VA12467		28	0.5	69	242	543	2	4	11	1	<5	70
D2 VA12468		45	1.1	332	1366	2665	3	3	13	11	<5	106

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**Geochemical
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 15-NOV-90

REPORT: V90-02607.0

PROJECT: 147

PAGE 28

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	H PPM	La PPM	Al PCT
D2 VA12466		<5	3.63	737	<10	730	29	13	<20	<10	3	1.34
D2 VA12467		<5	3.72	926	<10	680	33	15	<20	<10	3	1.63
D2 VA12468		<5	4.30	726	<10	740	32	13	<20	<10	2	1.44

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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02607.0

DATE PRINTED: 15-NOV-90

PROJECT: 147

PAGE 2C

SAMPLE NUMBER	ELEMENT UNITS	Hg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA12466		1.65	1.54	<0.05	0.27	35	4
D2 VA12467		2.07	2.11	<0.05	0.24	41	3
D2 VA12468		1.61	1.46	<0.05	0.23	29	3

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 Nov 26/90*

**Geochemical
 Lab Report**

A DIVISION OF INDIAN APPLICANCES

RECEIVED

NOV 21 1990

REPORT: V911-02608.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #15

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 147

SUBMITTED BY: COITM
 DATE PRINTED: 16-NOV-90

Falconbridge Limited

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 11g Gold - Fire Assay	91	5 PPR	Fire-Assay	Fire Assay AA
2	Ag Silver	91	0.2 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	91	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	91	2 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	91	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	91	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	91	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	91	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	91	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	91	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	91	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	91	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	91	0.01 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	91	100 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	91	10 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	91	20 PPM		X-Ray Fluorescence
17	Cr Chromium	91	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	91	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	91	20 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	91	10 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	91	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminium	91	0.02 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	91	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	91	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	91	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	91	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	91	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	91	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma

Head VA 14300 - VA 14750

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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02608.0 (COMPLETE)

REFERENCE INFO: SHIPMENT #15

CLIENT: FALCONBRIDGE LIMITED
PROJECT: 147

SUBMITTED BY: COLIN
DATE PRINTED: 16-NOV-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	91	2 -150	91	CRUSH,PULVERTIZE -150	91

NOTES: = indicates SEE REMARKS

REMARKS: Assay of Cu, Pb and Zn for Pb and Zn
>10000 to follow on V90-02608.6.

-Ba - interference noted due to Zn and Pb.

REPORT COPIES TO: MR. NILS VON FERSEN
MR. GLEN FLETT
P.D. McLAUGHLIN

INVOICE TO: MR. NILS VON FERSEN

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 130 Pemberton Ave.
 North Vancouver, B.C.
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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 16-NOV-90

REPORT: V90-0260B.01

PROJECT: 147 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
D2 VA14366		13	1.3	294	141	333	3	60	25	2	<5	309
D2 VA14367		30	3.7	439	682	1691	4	6	20	6	14	18
D2 VA14368		21	0.7	121	88	1129	3	7	17	4	<5	28
D2 VA14369		23	0.7	142	140	526	1	6	16	2	<5	37
D2 VA14370		26	0.9	85	113	357	2	6	12	<1	<5	36
D2 VA14371		18	0.9	83	217	788	1	5	15	2	<5	34
D2 VA14372		26	0.9	141	234	579	2	7	16	2	<5	53
D2 VA14373		41	2.9	954	389	989	1	6	17	3	11	95
D2 VA14374		50	3.5	971	491	1992	3	6	17	9	17	108
D2 VA14375		37	1.7	348	188	307	2	6	22	<1	5	71
D2 VA14376		33	0.8	220	46	256	2	6	21	<1	<5	84
D2 VA14377		28	0.5	20	53	239	1	6	11	<1	<5	72
D2 VA14378		37	0.7	126	77	171	<1	6	13	<1	<5	74
D2 VA14379		25	0.8	110	54	246	<1	5	16	<1	<5	59
D2 VA14380		31	1.0	97	62	283	<1	6	18	<1	10	65
D2 VA14381		18	0.9	149	94	281	2	5	15	<1	8	40
D2 VA14382		47	2.5	293	259	1238	3	5	18	5	10	94
D2 VA14383		36	1.7	616	144	553	<1	4	16	2	21	61
D2 VA14384		37	1.8	276	154	408	3	53	23	<1	6	56
D2 VA14385		49	1.4	295	48	573	1	28	19	<1	6	45
D2 VA14386		67	1.4	598	26	61	3	37	24	<1	<5	47
D2 VA14387		36	3.0	352	839	2664	4	40	19	12	9	52
D2 VA14388		34	2.7	469	518	1267	3	4	9	6	11	52
D2 VA14389		33	1.2	297	265	707	2	4	11	3	<5	106
D2 VA14390		39	1.7	670	382	701	1	5	12	2	6	67
D2 VA14391		36	0.8	133	98	197	<1	5	9	<1	<5	63
D2 VA14392		60	7.6	1035	837	1906	4	4	14	10	31	166
D2 VA14393		41	1.1	115	140	229	2	5	14	<1	6	105
D2 VA14394		36	1.1	193	128	236	2	4	15	<1	<5	73
D2 VA14395		35	1.1	171	132	344	1	5	13	<1	5	67
D2 VA14396		43	1.5	479	161	539	3	4	21	<1	6	101
D2 VA14397		19	0.5	207	23	224	1	4	13	<1	<5	45
D2 VA14398		11	0.6	107	78	179	2	4	14	<1	<5	50
D2 VA14399		35	0.7	275	40	261	3	5	14	<1	<5	60
D2 VA14400		40	0.7	243	38	229	2	6	17	<1	<5	78
D2 VA14401		46	0.8	317	47	118	1	5	16	<1	<5	143
D2 VA14402		27	0.7	125	40	214	1	4	14	<1	<5	71
D2 VA14403		27	0.6	160	38	288	1	5	16	<1	<5	81
D2 VA14404		<5	0.7	180	55	317	2	5	13	<1	<5	81
D2 VA14405		12	0.5	148	30	203	1	5	14	<1	7	29

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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 16-NOV-90

REPORT: V90-02618.0

PROJECT: 147 PAGE 1B

SAMPLE NUMBER	FLUORINE UNITS	Sb PPM	Fe PCT	Mn PPM	To PPM	Ba PPM	Cr PPM	V PPM	So PPM	W PPM	La PPM	Al PCT
D2 VA14366		<5	5.88	745	<10	740	71	22	<20	<10	3	1.66
D2 VA14367		<5	4.81	782	<10	940	35	17	<20	<10	2	1.37
D2 VA14368		<5	4.80	718	<10	780	36	20	<20	<10	3	1.48
D2 VA14369		<5	4.85	658	<10	880	40	20	<20	<10	3	1.74
D2 VA14370		<5	3.42	775	<10	970	40	18	<20	<10	3	1.58
D2 VA14371		<5	4.08	699	<10	980	30	18	<20	<10	2	1.63
D2 VA14372		<5	4.44	501	<10	1000	39	17	<20	<10	2	1.52
D2 VA14373		<5	6.07	468	<10	980	33	16	<20	<10	1	1.36
D2 VA14374		<5	5.42	602	<10	710	65	28	<20	<10	3	2.67
D2 VA14375		<5	6.78	626	<10	740	26	24	<20	<10	2	2.54
D2 VA14376		<5	6.08	716	<10	790	31	25	<20	<10	2	2.39
D2 VA14377		<5	4.60	437	<10	730	28	30	<20	<10	2	3.24
D2 VA14378		<5	3.95	645	<10	910	26	22	<20	<10	2	2.37
D2 VA14379		<5	5.58	621	<10	760	25	34	<20	<10	2	3.59
D2 VA14380		<5	5.85	824	<10	680	31	35	<20	<10	1	3.60
D2 VA14381		<5	5.26	1050	<10	580	52	31	<20	<10	3	3.47
D2 VA14382		<5	7.02	1276	<10	480	33	36	<20	<10	2	3.77
D2 VA14383		<5	5.65	1256	<10	720	29	27	<20	<10	2	3.00
D2 VA14384		<5	7.17	933	<10	710	58	17	<20	<10	4	1.25
D2 VA14385		<5	6.12	574	<10	720	43	9	<20	<10	4	0.77
D2 VA14386		<5	6.54	364	<10	910	53	8	<20	<10	4	0.59
D2 VA14387		<5	5.41	755	<10	800	56	12	<20	<10	2	0.78
D2 VA14388		<5	4.33	1004	<10	860	27	18	<20	<10	2	1.91
D2 VA14389		<5	5.41	728	<10	800	32	22	<20	<10	2	2.50
D2 VA14390		<5	4.69	665	<10	880	24	21	<20	<10	2	2.49
D2 VA14391		<5	3.33	486	<10	1000	23	16	<20	<10	3	1.74
D2 VA14392		<5	5.89	406	<10	1100	31	15	<20	<10	<1	1.58
D2 VA14393		<5	4.50	362	<10	1100	22	12	<20	<10	2	1.24
D2 VA14394		<5	5.07	398	<10	1000	25	16	<20	<10	2	1.74
D2 VA14395		<5	5.16	514	<10	980	24	18	<20	<10	2	2.00
D2 VA14396		<5	7.48	942	<10	650	30	31	<20	<10	1	3.60
D2 VA14397		<5	6.29	761	<10	660	24	36	<20	<10	2	4.11
D2 VA14398		<5	5.88	908	<10	750	26	34	<20	<10	2	3.91
D2 VA14399		<5	6.62	764	<10	740	28	37	<20	<10	2	4.19
D2 VA14400		<5	7.07	883	<10	640	70	32	<20	<10	1	3.78
D2 VA14401		<5	6.01	242	<10	1200	49	15	<20	<10	2	1.56
D2 VA14402		<5	5.24	931	<10	910	30	21	<20	<10	1	2.42
D2 VA14403		<5	5.89	750	<10	980	28	22	<20	<10	2	2.51
D2 VA14404		<5	5.79	592	<10	1000	30	23	<20	<10	2	2.59
D2 VA14405		<5	5.25	830	<10	1000	23	21	<20	<10	1	2.31

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 130 Pemberton Ave.
 North Vancouver, B.C.
 V7P 2R5
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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 16-NOV-90

REPORT: U9U-D26DB.0

PROJECT: 147 PAGE 1C

SAMPLE NUMBER	FLIFNT UNITS	Hg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA14366		2.54	3.00	<0.05	0.17	39	8
D2 VA14367		2.06	2.95	<0.05	0.22	36	5
D2 VA14368		1.12	3.07	0.05	0.21	18	5
D2 VA14369		2.17	1.90	<0.05	0.25	25	5
D2 VA14370		2.14	2.55	<0.05	0.23	29	5
D2 VA14371		2.13	2.71	<0.05	0.24	24	5
D2 VA14372		1.80	1.66	<0.05	0.22	20	5
D2 VA14373		1.57	1.56	<0.05	0.23	20	5
D2 VA14374		2.52	1.65	0.05	0.47	24	5
D2 VA14375		2.06	1.64	<0.05	0.22	21	5
D2 VA14376		2.82	1.99	<0.05	0.22	52	5
D2 VA14377		4.14	0.34	<0.05	0.18	8	3
D2 VA14378		3.02	0.69	<0.05	0.20	11	3
D2 VA14379		4.40	0.38	<0.05	0.18	7	4
D2 VA14380		4.54	0.68	<0.05	0.16	10	2
D2 VA14381		4.61	1.50	<0.05	0.19	26	4
D2 VA14382		5.55	2.02	<0.05	0.20	74	4
D2 VA14383		4.54	1.94	<0.05	0.26	36	4
D2 VA14384		1.76	0.90	<0.05	0.43	21	5
D2 VA14385		0.84	0.68	<0.05	0.32	13	4
D2 VA14386		0.35	0.81	<0.05	0.27	18	5
D2 VA14387		1.40	1.25	<0.05	0.28	27	5
D2 VA14388		2.51	2.84	<0.05	0.24	70	4
D2 VA14389		2.68	1.37	<0.05	0.23	40	4
D2 VA14390		2.67	1.15	<0.05	0.21	36	4
D2 VA14391		1.82	0.90	<0.05	0.24	31	3
D2 VA14392		1.41	0.69	<0.05	0.27	23	4
D2 VA14393		1.15	0.74	<0.05	0.24	23	3
D2 VA14394		1.60	0.69	<0.05	0.28	27	4
D2 VA14395		1.95	0.67	<0.05	0.26	22	4
D2 VA14396		3.61	0.35	<0.05	0.15	12	3
D2 VA14397		4.07	0.18	<0.05	0.15	7	3
D2 VA14398		3.90	0.40	<0.05	0.19	11	4
D2 VA14399		4.11	0.24	<0.05	0.18	9	3
D2 VA14400		3.84	0.42	<0.05	0.13	16	4
D2 VA14401		1.15	0.20	<0.05	0.28	11	3
D2 VA14402		2.54	1.22	<0.05	0.17	31	3
D2 VA14403		2.40	0.94	<0.05	0.20	25	4
D2 VA14404		2.25	0.70	<0.05	0.23	21	3
D2 VA14405		2.34	1.62	<0.05	0.21	41	4

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 130 Pemberton Ave.
 North Vancouver, B.C.
 V7P 2R5
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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

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REPORT: V90-B2608.B

PROJECT: 147

PAGE 2A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
D2 VA14406		38	0.9	224	82	309	2	4	15	<1	7	84
D2 VA14407		29	0.5	142	34	117	1	5	13	<1	<5	98
D2 VA14408		60	0.8	277	78	1458	3	52	24	6	<5	72
D2 VA14409		46	1.1	217	159	326	2	34	17	<1	9	124
D2 VA14410		54	1.9	392	399	1957	3	35	18	7	10	170
D2 VA14411		24	0.9	217	148	315	2	52	28	<1	<5	87
D2 VA14412		8	0.5	84	33	183	2	46	15	<1	<5	118
D2 VA14413		<5	0.6	232	26	178	1	43	12	<1	<5	95
D2 VA14414		18	0.7	571	23	197	1	47	23	<1	<5	49
D2 VA14415		12	1.1	512	52	221	2	40	18	<1	15	26
D2 VA14416		16	1.1	514	45	766	3	42	17	3	12	36
D2 VA14417		15	1.0	453	61	1752	5	45	20	11	24	44
D2 VA14418		37	0.6	179	64	173	2	8	17	<1	<5	89
D2 VA14419		94	4.6	2424	4937	5950	6	6	10	25	14	247
D2 VA14420		75	1.1	185	283	858	2	6	14	4	5	206
D2 VA14421		91	4.8	2875	1121	4578	5	5	21	21	23	197
D2 VA14422		27	0.6	88	108	337	1	5	15	<1	<5	62
D2 VA14423		24	1.6	157	200	1033	2	27	18	5	7	73
D2 VA14424		9	0.5	43	22	73	<1	21	10	<1	<5	31
D2 VA14425		<5	0.4	69	16	105	2	33	14	<1	<5	31
D2 VA14426		<5	0.6	65	22	107	1	29	19	<1	<5	51
D2 VA14427		<5	0.5	68	15	145	3	49	16	<1	<5	46
D2 VA14428		6	0.4	72	12	151	2	77	22	<1	<5	64
D2 VA14429		<5	0.5	31	114	171	<1	30	12	<1	<5	38
D2 VA14430		64	2.2	1188	335	3224	13	3	12	21	12	25
D2 VA14431		11	1.0	41	10	138	<1	7	14	<1	<5	24
D2 VA14432		<5	1.3	64	40	257	17	76	7	2	<5	30
D2 VA14433		20	2.1	61	50	1056	30	108	12	15	<5	30
D2 VA14434		<5	1.4	57	17	197	12	65	10	1	<5	36
D2 VA14435		28	1.8	48	35	290	22	86	9	3	<5	66
D2 VA14436		28	2.3	47	96	225	15	86	6	2	<5	51
D2 VA14437		8	0.6	19	11	85	2	9	17	<1	<5	14
D2 VA14438		<5	1.3	51	54	433	24	87	8	7	<5	44
D2 VA14439		<5	1.6	53	67	347	18	80	6	5	<5	47
D2 VA14440		<5	1.0	22	132	308	12	40	4	4	<5	32
D2 VA14441		<5	1.0	38	30	285	16	73	7	3	<5	55
D2 VA14442		<5	0.7	32	10	148	2	9	12	<1	<5	23
D2 VA14443		<5	2.5	42	46	63	10	8	27	<1	<5	91
D2 VA14444		<5	0.6	15	15	56	2	4	12	<1	<5	13
D2 VA14445		63	0.7	32	14	156	3	6	12	<1	<5	14

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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 16-NOV-90

REPORT: V90-02608.0

PROJECT: 147

PAGE 28

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	N PPM	1a PPM	Al PCT
D2 VA14406		<5	5.47	492	<10	1100	26	19	<20	<10	2	2.19
D2 VA14407		<5	5.01	430	<10	1200	53	14	<20	<10	2	1.42
D2 VA14408		<5	7.10	606	<10	790	95	70	<20	<10	1	3.35
D2 VA14409		<5	4.99	230	<10	940	54	11	<20	<10	3	0.96
D2 VA14410		<5	9.63	464	<10	660	97	6	<20	<10	<1	0.50
D2 VA14411		<5	7.22	812	<10	530	81	57	<20	<10	<1	2.39
D2 VA14412		<5	5.35	876	<10	650	80	34	<20	<10	5	3.34
D2 VA14413		<5	5.81	1230	<10	740	74	32	<20	<10	5	3.40
D2 VA14414		<5	8.49	1052	<10	750	76	41	<20	<10	4	4.13
D2 VA14415		<5	7.86	1113	<10	750	61	45	<20	<10	4	4.27
D2 VA14416		<5	7.83	981	<10	650	76	45	<20	<10	4	4.40
D2 VA14417		<5	7.20	664	13	1000	57	34	<20	<10	4	3.45
D2 VA14418		<5	5.41	590	<10	1400	55	16	<20	<10	2	1.51
D2 VA14419		<5	5.71	490	<10	1100	60	8	<20	<10	<1	0.62
D2 VA14420		<5	5.42	149	<10	1300	62	9	<20	<10	2	0.65
D2 VA14421		<5	6.39	265	<10	1300	70	9	<20	<10	1	0.61
D2 VA14422		<5	4.70	589	<10	1300	54	10	<20	<10	1	0.62
D2 VA14423		<5	5.17	582	<10	640	57	25	<20	<10	2	2.45
D2 VA14424		<5	2.73	1380	<10	410	34	17	<20	<10	3	1.47
D2 VA14425		<5	4.61	995	<10	710	50	22	<20	<10	5	1.97
D2 VA14426		<5	4.57	1256	<10	540	43	21	<20	<10	4	1.74
D2 VA14427		<5	5.03	800	<10	670	74	29	<20	<10	4	2.75
D2 VA14428		<5	5.15	807	<10	600	102	44	<20	<10	3	3.29
D2 VA14429		<5	3.78	909	<10	550	58	23	<20	<10	4	2.99
D2 VA14430		<5	4.09	1974	<10	<20	11	37	<20	<10	<1	2.83
D2 VA14431		<5	4.05	557	<10	540	38	15	<20	<10	2	1.34
D2 VA14432		<5	2.18	244	<10	390	120	51	<20	<10	5	0.70
D2 VA14433		<5	3.37	165	<10	500	91	74	<20	<10	6	0.64
D2 VA14434		<5	3.39	274	<10	500	87	30	<20	<10	4	0.92
D2 VA14435		7	2.95	240	<10	480	120	52	<20	<10	5	0.64
D2 VA14436		<5	2.38	314	<10	320	164	26	<20	<10	4	0.43
D2 VA14437		<5	5.27	669	<10	550	49	38	<20	<10	2	2.14
D2 VA14438		<5	2.28	264	<10	380	124	68	<20	<10	8	0.69
D2 VA14439		<5	2.10	305	<10	400	120	43	<20	<10	7	0.63
D2 VA14440		<5	1.79	921	<10	140	246	25	<20	<10	5	0.27
D2 VA14441		<5	3.27	299	<10	340	103	43	<20	<10	2	0.50
D2 VA14442		<5	5.50	380	<10	410	63	25	<20	<10	2	1.11
D2 VA14443		<5	>10.00	212	<10	280	68	12	<20	<10	<1	0.99
D2 VA14444		<5	4.71	266	<10	510	60	16	<20	<10	2	1.94
D2 VA14445		<5	4.79	589	<10	320	28	21	<20	<10	3	0.67

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DATE PRINTED: 16-NOV-90

REPORT: V9D-02608.D

PROJECT: 147 PAGE 2C

SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA14406		1.86	0.73	<0.05	0.25	21	3
D2 VA14407		1.08	0.84	<0.05	0.31	24	3
D2 VA14408		2.85	0.66	<0.05	0.18	22	5
D2 VA14409		0.58	0.48	<0.05	0.25	18	3
D2 VA14410		0.43	1.00	<0.05	0.23	31	6
D2 VA14411		2.50	1.24	<0.05	0.17	32	4
D2 VA14412		3.37	1.18	<0.05	0.18	32	4
D2 VA14413		3.53	1.81	<0.05	0.17	44	5
D2 VA14414		3.48	0.73	<0.05	0.17	20	5
D2 VA14415		3.84	1.14	<0.05	0.13	23	5
D2 VA14416		3.92	1.04	<0.05	0.15	25	5
D2 VA14417		2.97	0.94	<0.05	0.19	21	6
D2 VA14418		1.32	1.23	<0.05	0.33	26	4
D2 VA14419		0.67	1.27	<0.05	0.23	25	4
D2 VA14420		0.22	0.46	<0.05	0.30	13	3
D2 VA14421		0.37	0.84	<0.05	0.29	19	3
D2 VA14422		0.82	1.98	<0.05	0.30	37	4
D2 VA14423		2.48	1.65	<0.05	0.19	20	4
D2 VA14424		1.53	>10.00	<0.05	0.21	225	8
D2 VA14425		2.01	8.67	<0.05	0.20	99	8
D2 VA14426		1.86	>10.00	<0.05	0.21	136	8
D2 VA14427		3.17	6.04	<0.05	0.20	63	7
D2 VA14428		3.43	4.76	<0.05	0.16	54	7
D2 VA14429		3.59	4.52	<0.05	0.18	46	6
D2 VA14430		4.63	2.13	<0.05	<0.05	550	14
D2 VA14431		2.61	4.03	<0.05	0.22	61	7
D2 VA14432		0.69	2.38	<0.05	0.24	57	7
D2 VA14433		0.46	1.25	<0.05	0.27	28	7
D2 VA14434		1.06	1.76	<0.05	0.27	38	6
D2 VA14435		0.46	1.34	<0.05	0.29	33	7
D2 VA14436		0.56	1.38	<0.05	0.19	42	5
D2 VA14437		2.77	2.28	<0.05	0.15	113	5
D2 VA14438		0.87	1.85	<0.05	0.22	63	8
D2 VA14439		0.87	2.42	<0.05	0.23	73	10
D2 VA14440		1.33	3.27	<0.05	0.10	85	5
D2 VA14441		0.93	2.57	<0.05	0.21	63	7
D2 VA14442		2.77	1.25	<0.05	0.16	46	4
D2 VA14443		1.17	0.82	<0.05	0.12	40	7
D2 VA14444		2.31	0.76	<0.05	0.15	41	3
D2 VA14445		4.89	0.93	0.09	0.14	25	4

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 North Vancouver, B.C.
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 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02608.0

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SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
D2 VA14446		<5	0.9	40	23	136	19	74	7	<1	<5	61
D2 VA14447		<5	0.8	49	18	172	18	81	5	1	<5	43
D2 VA14448		<5	1.5	66	25	144	16	71	9	<1	<5	46
D2 VA14449		8	1.8	45	29	660	40	102	7	6	<5	53
D2 VA14450		6	1.6	48	26	294	11	63	5	2	<5	38
D2 VA14451		52	4.4	207	2064	4575	5	20	14	24	13	90
D2 VA14452		326	36.6	6142	>10000	>20000	20	30	46	235	107	284
D2 VA14453		50	1.0	187	395	1764	7	46	22	7	<5	103
D2 VA14454		8	0.9	148	132	370	<1	42	19	<1	<5	<5
D2 VA14455		7	0.6	87	57	230	6	45	14	<1	<5	14
D2 VA14456		<5	0.4	72	30	179	2	50	15	<1	<5	27

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DATE PRINTED: 16-NOV-90

REPORT: V911-112608.0

PROJECT: 147 PAGE 36

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
D2 VA14446		<5	2.61	230	<10	230	120	37	<20	<10	5	0.50
D2 VA14447		<5	1.85	218	<10	240	135	23	<20	<10	4	0.36
D2 VA14448		<5	3.27	410	<10	450	131	20	<20	<10	3	0.41
D2 VA14449		<5	3.15	277	<10	320	134	56	<20	<10	3	0.35
D2 VA14450		<5	2.84	379	<10	220	114	16	<20	<10	2	0.32
D2 VA14451		<5	3.77	1019	<10	490	34	12	<20	<10	2	0.44
D2 VA14452		10	>10.00	896	21	160	47	15	<20	<10	<1	0.95
D2 VA14453		<5	5.61	1207	<10	860	56	9	<20	<10	1	0.39
D2 VA14454		<5	5.30	979	<10	1100	56	16	<20	<10	3	1.65
D2 VA14455		<5	4.26	836	<10	850	79	14	<20	<10	3	1.05
D2 VA14456		<5	4.79	732	<10	990	72	19	<20	<10	3	1.47

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DATE PRINTED: 16-NOV-90

REPORT: V90-B2608.D

PROJECT: 147 PAGE 3C

SAMPLE NUMBER	FLMNT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA14446		1.82	1.07	<0.05	0.15	33	4
D2 VA14447		0.83	1.29	<0.05	0.16	31	4
D2 VA14448		1.39	1.75	<0.05	0.19	52	5
D2 VA14449		0.68	1.25	<0.05	0.17	43	5
D2 VA14450		0.91	1.85	<0.05	0.15	46	4
D2 VA14451		1.05	>10.00	<0.05	0.14	329	10
D2 VA14452		3.05	7.10	<0.05	0.09	146	11
D2 VA14453		1.10	7.86	<0.05	0.20	76	7
D2 VA14454		1.91	4.57	<0.05	0.17	29	8
D2 VA14455		2.14	4.86	<0.05	0.18	42	8
D2 VA14456		2.39	3.78	<0.05	0.19	43	6

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NOV 6 1990

REFERENCE INFO: SHIPMENT #15

REPORT: V90-02608.6 (COMPLETE)

CLIENT: FALCONBRIDGE LIMITED
PROJECT: 147

Falconbridge Limited

SUBMITTED BY: COLIN
DATE PRINTED: 21-NOV-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption
2	Pb	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption
3	Zn	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	1	-150	1	SAMPLES FROM STORAGE	1

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MR. GLEN FLETT
A.D. MCLAUGHLIN

INVOICE TO: MR. NILS VON FERSEN

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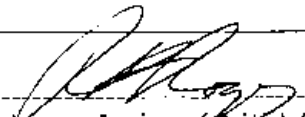
A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 21-NOV-90

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SAMPLE NUMBER	ELEMENT UNITS	Cu PCT	Pb PCT	Zn PCT
D2 VA14452		0.68	1.78	5.03


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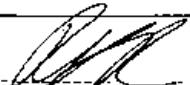
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DATE PRINTED: 21-NOV-90

REPORT: V90-02608.6

PROJECT: 147 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT	Pb PCT	Zn PCT
VA14452		0.68	1.78	5.03
Duplicate		0.68	1.78	5.00


Registered Assayer, Province of British Columbia

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 Nov 26/90*

**Geochemical
 Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02661.0 (COMPLETE)	RECEIVED NOV 26 1990	REFERENCE INFO: SHIPMENT #17
CLIENT: FALCONBRIDGE LIMITED PROJECT: 147		SUBMITTED BY: COLIN DATE PRINTED: 21-NOV-90

ORDER	ELEMENT	NUMBER OF ANALYSES	Falconbridge Limited DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	2	5 PPB	Fire-Assay	Fire Assay AA
2	Ag Silver	2	0.2 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	2	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	2	2 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	2	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	2	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	2	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	2	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	2	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	2	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	2	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	2	5 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	2	0.01 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	2	100 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	2	10 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	2	20 PPM		X-Ray Fluorescence
17	Cr Chromium	2	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	2	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	2	20 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	2	10 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	2	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminum	2	0.02 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	2	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	2	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	2	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	2	0.05 PCT	HN03-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	2	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	2	1 PPM	HN03-HCl Hot Extr.	Ind. Coupled Plasma

HEADER: VA 11892 ~
 VA 11894

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Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: Y90-02661.D (COMPLETE)

REFERENCE INFO: SHIPMENT #17

CLIENT: FALCONBRIDGE LIMITED
PROJECT: 147

SUBMITTED BY: COLIN
DATE PRINTED: 21-NOV-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	2	2 -150	2	CRUSH,PULVERIZE -150	2

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REPORT: V90-02661.0

DATE PRINTED: 21-NOV-90
 PROJECT: 147 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
R2 VA11892		45	<0.2	16	<2	23	1	5	18	<1	<5	<5
R2 VA11894		<5	0.2	9	<2	22	<1	3	9	<1	<5	9

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PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
R2 VA11892		0.17	1.15	<0.05	0.34	50	5
R2 VA11894		0.26	0.11	<0.05	0.37	17	2

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02662.0 (COMPLETE)

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REFERENCE INFO:

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 147

NOV 30 1990

SUBMITTED BY: COLIN
 DATE PRINTED: 23-NOV-90

ORDER	ELEMENT	NUMBER OF ANALYSES	DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	37	5 PPB	Fire-Assay	Fire Assay AA
2	Ag Silver	37	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	37	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	37	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	37	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	37	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	37	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	37	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	37	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	37	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	37	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	37	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	37	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	37	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	37	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	37	20 PPM		X-Ray Fluorescence
17	Cr Chromium	37	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	37	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	37	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	37	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	37	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminum	37	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	37	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	37	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	37	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	37	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	37	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	37	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma

Heads VA12419 - 423 ✓

VA12469 - 500 ✓

104

Bondar-Clegg & Company Ltd.
1140 Camberton Ave.
North Vancouver, B.C.
V7P 2R5
(41) 985-0681 Telex 04-352667



Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02662.0 (COMPLETE) REFERENCE INFO:

CLIENT: FALCOMBRIDGE LIMITED SUBMITTED BY: COLIN
PROJECT: 147 DATE PRINTED: 23-NOV-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	37	2 -150	37	CRUSH,PULVERIZE -150	37

NOTES: = indicates SEE REMARKS

REMARKS: GOLD RETEST RESULT AS FOLLOWS:
SAMPLE VAI2420 CHECKS = 150 & 167ppb
-Ba - interference noted due to Zn and Pb.

Assay of Cu, Pb and Zn for Zn >10,000.0 ppm to follow on V90-02662.6.

REPORT COPIES TO: MR. NILS VON FERSEN INVOICE TO: MR. NILS VON FERSEN
MR. GLEN FLETT
A.D. MCLAUGHLIN

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Bondar-Clegg & Company Ltd.
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 North Vancouver, B.C.
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**Geochemical
 Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02662.0

DATE PRINTED: 23 NOV 90
 PROJECT: 147 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 10g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM
D2 VA12419		<5	<0.2	12	<2	17	<1	6	1	<1	<5	<5
D2 VA12420		106	7.8	2115	6681	14971	14	5	24	91	20	244
D2 VA12421		<5	0.4	26	157	130	1	3	12	<1	<5	35
D2 VA12422		<5	0.3	50	215	370	<1	3	10	<1	<5	13
D2 VA12423		<5	0.4	19	<2	69	<1	4	12	<1	<5	30
D2 VA12469		44	0.4	28	108	252	<1	3	10	<1	<5	93
D2 VA12470		50	0.7	112	458	786	2	5	14	3	<5	122
D2 VA12471		55	0.6	51	196	654	2	4	13	3	<5	137
D2 VA12472		<5	0.3	10	<2	113	<1	3	10	<1	<5	12
D2 VA12473		<5	0.2	12	29	126	<1	3	10	<1	<5	39
D2 VA12474		154	5.4	998	8086	9629	6	4	11	47	6	266
D2 VA12475		107	1.3	69	805	1751	2	2	8	7	<5	199
D2 VA12476		40	0.5	40	203	683	1	3	13	3	<5	95
D2 VA12477		18	0.4	18	<2	115	1	4	15	<1	<5	58
D2 VA12478		<5	0.5	8	<2	105	<1	3	12	<1	<5	32
D2 VA12479		<5	<0.2	11	<2	64	<1	2	9	<1	<5	19
D2 VA12480		<5	0.3	13	65	131	<1	2	11	<1	<5	36
D2 VA12481		<5	0.4	21	160	312	2	3	14	<1	<5	67
D2 VA12482		27	0.8	44	201	252	<1	7	16	<1	<5	103
D2 VA12483		<5	2.3	21	1904	1102	1	6	4	6	6	120
D2 VA12484		38	1.1	103	174	486	2	6	16	3	<5	285
D2 VA12485		49	1.2	138	259	762	<1	5	15	2	<5	92
D2 VA12486		54	1.2	120	136	331	<1	6	19	<1	<5	110
D2 VA12487		53	1.4	52	554	1137	<1	6	17	3	<5	77
D2 VA12488		130	3.8	75	2126	3322	1	5	20	19	<5	1026
D2 VA12489		63	2.0	31	526	548	<1	5	14	5	<5	539
D2 VA12490		41	1.2	21	88	202	<1	4	13	<1	<5	139
D2 VA12491		40	1.0	12	<2	63	<1	4	12	<1	<5	69
D2 VA12492		135	2.1	20	<2	49	<1	6	15	15	<5	1627
D2 VA12493		108	1.6	15	<2	56	<1	5	16	9	<5	821
D2 VA12494		53	1.6	19	<2	68	<1	5	16	11	<5	1096
D2 VA12495		60	1.6	25	<2	56	<1	5	16	17	<5	1851
D2 VA12496		56	2.3	24	<2	96	<1	6	19	3	<5	527
D2 VA12497		31	1.3	16	<2	82	<1	5	15	<1	<5	175
D2 VA12498		51	2.6	32	<2	131	8	6	23	<1	<5	111
D2 VA12499		24	1.4	56	<2	95	<1	6	17	<1	<5	62
D2 VA12500		<5	0.7	32	<2	71	<1	4	14	<1	<5	24

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 North Vancouver, B.C.
 V7P 2R5
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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02662.0

DATE PRINTED: 23-NOV-90
 PROJECT: 147 PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT
D2 VA12419		<5	0.99	507	<10	<20	286	4	<20	<10	<1	0.05
D2 VA12420		7	>10.00	649	18	90=	15	26	<20	<10	<1	3.16
D2 VA12421		<5	3.67	1188	<10	570	37	15	<20	<10	2	1.60
D2 VA12422		<5	3.57	653	<10	570	21	14	<20	<10	3	1.54
D2 VA12423		<5	4.05	1096	<10	590	19	21	<20	<10	3	2.31
D2 VA12469		<5	3.83	1131	<10	570	23	12	<20	<10	1	1.28
D2 VA12470		<5	5.36	1300	<10	480	36	11	<20	<10	1	1.04
D2 VA12471		5	5.15	1177	<10	490	30	12	<20	<10	<1	1.33
D2 VA12472		<5	4.10	956	<10	470	29	19	<20	<10	5	2.36
D2 VA12473		<5	3.67	832	<10	490	26	15	<20	<10	3	1.87
D2 VA12474		6	8.02	894	<10	330=	57	7	<20	<10	<1	0.68
D2 VA12475		<5	6.38	968	10	490	43	7	<20	<10	<1	0.60
D2 VA12476		<5	4.51	167	<10	710	48	7	<20	<10	3	0.68
D2 VA12477		<5	4.31	608	<10	820	33	13	<20	<10	3	1.51
D2 VA12478		<5	4.06	1218	10	760	28	16	<20	<10	3	1.77
D2 VA12479		<5	2.93	796	<10	600	29	12	<20	<10	4	1.35
D2 VA12480		<5	3.67	681	<10	590	33	14	<20	<10	3	1.71
D2 VA12481		<5	4.38	188	<10	620	36	16	<20	<10	3	1.87
D2 VA12482		<5	5.38	1152	<10	790	25	21	<20	<10	1	2.10
D2 VA12483		<5	1.45	3981	14	130	70	10	<20	<10	3	0.31
D2 VA12484		<5	5.05	158	<10	860	28	9	<20	<10	2	0.91
D2 VA12485		<5	4.23	190	<10	800	37	7	<20	<10	1	0.63
D2 VA12486		<5	4.76	178	<10	830	42	8	<20	<10	2	0.82
D2 VA12487		<5	5.24	396	<10	800	30	8	<20	<10	1	0.70
D2 VA12488		<5	6.53	635	<10	750	51	5	<20	<10	<1	0.43
D2 VA12489		<5	4.18	1663	<10	690	25	7	<20	<10	<1	0.56
D2 VA12490		<5	3.94	1943	10	640	22	7	<20	<10	<1	0.54
D2 VA12491		<5	3.44	1432	<10	630	17	9	<20	<10	1	0.80
D2 VA12492		20	4.16	855	<10	620	28	6	<20	<10	1	0.66
D2 VA12493		5	3.56	1109	<10	590	20	6	<20	<10	2	0.66
D2 VA12494		7	4.05	1498	<10	520	20	11	<20	<10	1	1.48
D2 VA12495		21	4.58	1364	<10	570	20	11	<20	<10	1	1.48
D2 VA12496		6	5.69	1818	<10	570	18	8	<20	<10	<1	0.74
D2 VA12497		<5	4.13	1275	<10	580	20	13	<20	<10	1	1.35
D2 VA12498		<5	4.98	1521	<10	570	20	11	<20	<10	<1	0.99
D2 VA12499		<5	4.29	1092	<10	600	18	16	<20	<10	1	1.75
D2 VA12500		<5	3.89	1039	12	600	19	20	<20	<10	2	2.19

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 North Vancouver, B.C.
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Geochemical
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02662.0

DATE PRINTED: 23-NOV-90

PROJECT: 147

PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA12419		0.69	1.64	<0.05	<0.05	22	3
D2 VA12420		3.72	1.28	<0.05	0.06	30	6
D2 VA12421		2.58	4.01	<0.05	0.31	51	6
D2 VA12422		1.86	3.54	<0.05	0.21	36	6
D2 VA12423		2.04	5.51	<0.05	0.19	59	6
D2 VA12469		2.30	2.52	<0.05	0.22	31	5
D2 VA12470		2.14	2.66	<0.05	0.22	34	3
D2 VA12471		2.17	2.08	<0.05	0.21	25	3
D2 VA12472		3.25	2.38	<0.05	0.23	33	4
D2 VA12473		2.62	1.88	<0.05	0.19	28	3
D2 VA12474		1.14	1.61	<0.05	0.18	22	2
D2 VA12475		1.21	2.04	<0.05	0.21	30	7
D2 VA12476		0.39	0.41	<0.05	0.26	12	2
D2 VA12477		1.87	1.60	<0.05	0.27	31	<1
D2 VA12478		3.09	4.03	<0.05	0.27	56	7
D2 VA12479		2.06	2.42	<0.05	0.22	35	3
D2 VA12480		2.41	2.07	<0.05	0.22	30	3
D2 VA12481		1.72	0.39	<0.05	0.28	14	2
D2 VA12482		3.05	2.40	<0.05	0.21	25	4
D2 VA12483		1.41	>10.00	<0.05	0.07	284	24
D2 VA12484		0.55	0.37	<0.05	0.29	11	4
D2 VA12485		0.50	0.69	<0.05	0.21	19	4
D2 VA12486		0.59	0.37	<0.05	0.24	11	1
D2 VA12487		0.55	0.65	<0.05	0.25	14	5
D2 VA12488		0.47	1.07	<0.05	0.25	18	5
D2 VA12489		1.56	3.49	<0.05	0.28	38	8
D2 VA12490		1.50	4.21	<0.05	0.26	44	7
D2 VA12491		1.38	3.73	<0.05	0.26	38	8
D2 VA12492		0.74	2.37	<0.05	0.31	27	4
D2 VA12493		0.91	1.87	<0.05	0.27	23	4
D2 VA12494		1.47	4.08	<0.05	0.28	49	6
D2 VA12495		1.30	4.37	<0.05	0.28	54	10
D2 VA12496		1.56	3.47	<0.05	0.28	47	9
D2 VA12497		1.57	4.07	<0.05	0.25	51	9
D2 VA12498		1.22	5.62	<0.05	0.27	89	12
D2 VA12499		1.37	6.11	<0.05	0.29	86	10
D2 VA12500		1.85	5.09	<0.05	0.21	66	10

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Certificate of Analysis

A DIVISION OF INDIAN AFFAIRS & DEVELOPMENT TESTING SERVICES

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REPORT: V90-02662.6 (COMPLETE) REFERENCE INFO:

CLIENT: FALCONBRIDGE LIMITED SUBMITTED BY: COLIN
 PROJECT: 147 DATE PRINTED: 29-NOV-90

Falconbridge Limited

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption
2	Pb Lead	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption

3	Zn Zinc	1	0.01 PCT	HCL-HNO3-HF	Atomic Absorption
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SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D. DRILL CORE		7 -150		SAMPLES FROM STORAGE	

REPORT COPIES TO: MR. NILS VON FERSEN
 MR. GLEN FLETT
 A.D. MCLAUGHLIN

INVOICE TO: MR. NILS VON FERSEN

Follow up.

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Certificate
of Analysis

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02662.6

DATE PRINTED: 29-NOV-90
PROJECT: 147 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT	Pb PCT	Zn PCT
02 VA12420		0.25	1.70	2.51

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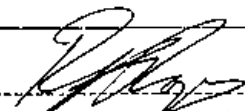
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Registered Assayer, Province of British Columbia

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**Certificate
 of Analysis**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 29-NOV-90

REPORT: V90-02662.6

PROJECT: 147 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT	Pb PCT	Zn PCT
VA12420		0.25	1.70	2.51
Duplicate		0.25	1.70	2.51

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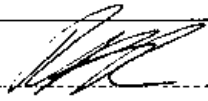
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 for 26/90*

**Geochemical
 Lab Report**

RECEIVED

A DIVISION OF IBC CANADA INSPECTION & TESTING SERVICES

REPORT: V90-02664.0 (COMPLETE)

NOV 26 1990

REFERENCE INFO:

CLIENT: FALCONBRIDGE LIMITED
 PROJECT: 146

Falconbridge Limited

SUBMITTED BY: COLIN
 DATE PRINTED: 21-NOV-90

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 10g Gold - Fire Assay	6	5 PPB	Fire-Assay	Fire Assay AA
2	Ag Silver	6	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	6	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	Ni Nickel	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
8	Co Cobalt	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
9	Cd Cadmium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
10	Bi Bismuth	6	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
11	As Arsenic	6	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
12	Sb Antimony	6	5 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
13	Fe Iron	6	0.01 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
14	Mn Manganese	6	100 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
15	Te Tellurium	6	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
16	Ba Barium	6	20 PPM		X-Ray Fluorescence
17	Cr Chromium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
18	V Vanadium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
19	Sn Tin	6	20 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
20	W Tungsten	6	10 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
21	La Lanthanum	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
22	Al Aluminum	6	0.02 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
23	Mg Magnesium	6	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
24	Ca Calcium	6	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
25	Na Sodium	6	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
26	K Potassium	6	0.05 PCT	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
27	Sr Strontium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
28	Y Yttrium	6	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma

Handwritten: V114457 - V114462

Bondar-Clegg & Company Ltd.
1100 Amberton Ave.
Vancouver, B.C.
P 2R5
(604) 985-0581 Telex 04-352667



Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-02664.0 (COMPLETE)

REFERENCE INFO:

CLIENT: FALCONBRIDGE LIMITED
PROJECT: 146

SUBMITTED BY: COLIN
DATE PRINTED: 21-NOV-90

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	6	2 -150	6	CRUSH,PULVERIZE -150	6

REPORT COPIES TO: MR. NILS VON FERSEN
MR. GLEN FLETT
A.O. MCLAUGHLIN

INVOICE TO: MR. NILS VON FERSEN

Empty table area for additional data or notes.

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230 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
(04) 985-0681 Telex 04-352667



Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

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DATE PRINTED: 21 NOV 90

PROJECT: 146

PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Ng PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
D2 VA14457		3.41	0.94	<0.05	0.60	23	1
D2 VA14458		1.00	0.65	<0.05	0.42	11	3
D2 VA14459		2.51	2.20	0.12	1.07	30	4
D2 VA14460		1.94	0.86	0.07	0.68	17	3
D2 VA14461		1.93	0.77	0.05	0.61	20	<1

D2 VA14462		1.28	0.40	<0.05	0.33	8	3
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XRF - Analysis

RECEIVED

JUL 27 1990

From : Cominco Lab. Job no. X90-95 Reported 07-19-1990
 To : Falconbridge Ltd. Project name Birk Creek no. 147
 55 samples Shipped from C. Russell Shipment no. #1 Falconbridge Limited

Page 1

Field number	CaO	K2O	P2O5	SiO2	Al2O3	HgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total	
	%	%	%	%	%	%	%	%	%	%	%	%	
1	VA14001	0.29	4.16	0.11	66.01	18.10	1.80	0.49	4.39	0.62	0.15	3.60	99.72
2	VA14002	0.27	3.70	0.10	66.87	16.10	1.85	0.36	5.52	0.54	0.17	3.81	99.29
3	VA14003	0.65	3.20	0.09	66.96	13.10	1.93	0.32	7.05	0.47	0.10	5.43	99.24
4	VA14004	0.44	4.40	0.11	66.53	15.72	0.80	0.21	5.65	0.55	0.16	3.97	98.54
5	VA14005	0.09	4.37	0.03	72.91	15.33	0.52	0.18	2.69	0.54	0.01	2.79	99.46
6	VA14006	1.42	4.28	0.22	70.58	14.49	0.87	3.12	3.44	0.43	0.07	0.61	99.54
7	VA14007	1.05	2.93	0.12	64.57	16.91	0.96	1.52	5.89	0.60	0.17	4.34	99.07
8	VA14008	0.21	2.89	0.10	63.11	15.80	5.22	0.25	7.07	0.54	0.13	4.46	99.78
9	VA14009	0.08	4.31	0.04	71.76	16.29	0.48	1.05	2.59	0.44	0.02	2.60	99.68
10	VA14010	6.93	4.04	0.07	56.26	14.37	1.58	0.61	4.78	0.37	0.13	7.05	96.19
11	VA14011	0.09	2.40	0.05	69.06	10.06	1.30	0.07	10.89	0.27	0.01	5.70	99.90
12	VA14012	2.54	4.05	0.07	63.41	15.15	2.26	0.27	3.83	0.39	0.10	6.35	98.42
13	VA14013	4.67	3.99	0.06	59.27	15.04	2.75	0.33	3.83	0.37	0.12	8.87	99.30
14	VA14014	10.19	0.02	0.12	43.03	14.72	9.28	0.01	23.08	0.85	0.08	8.13	99.51
15	VA14015	10.34	0.89	0.11	57.12	11.85	6.78	0.24	14.63	0.52	0.10	6.80	99.38
16	VA14016	1.29	2.73	0.07	66.50	16.85	0.35	4.96	3.00	0.44	0.11	2.85	99.15
17	VA14017	0.29	2.67	0.15	78.16	11.34	1.57	0.22	2.08	0.50	0.09	2.29	99.37
18	VA14018	0.09	4.42	0.12	70.26	16.75	0.60	0.27	3.13	0.58	0.01	3.12	99.37
19	VA14019	0.07	1.48	0.04	89.50	5.57	0.12	0.01	0.99	0.40	0.02	1.12	99.32
20	VA14020	0.94	3.14	0.14	66.44	15.42	0.75	2.93	5.42	0.52	0.13	3.29	99.12
21	VA14021	0.15	1.81	0.08	86.80	6.15	0.27	0.10	2.45	0.23	0.03	1.49	99.56
22	VA14022	0.24	0.52	0.07	75.97	13.08	0.04	6.71	1.91	0.35	0.04	0.99	99.83
23	VA14023	1.54	0.27	0.08	61.56	17.06	3.81	8.07	5.39	0.49	0.10	1.84	100.21
24	VA14024	0.58	0.44	0.08	66.74	16.99	0.86	8.77	2.88	0.42	0.07	1.73	99.56
25	VA14025	0.42	0.74	0.07	59.15	18.03	4.76	6.11	6.45	0.51	0.06	3.37	99.67
26	VA14026	1.38	4.23	0.20	70.74	14.48	0.84	3.09	3.44	0.43	0.07	0.66	99.57
27	VA14027	4.50	2.35	0.08	52.78	17.21	3.11	4.44	6.27	0.49	0.09	7.93	99.27
28	VA14028	0.08	3.10	0.12	76.01	12.25	0.81	0.15	3.34	0.52	0.06	2.70	99.16
29	VA14029	0.14	3.13	0.11	64.56	15.76	3.44	0.26	7.65	0.57	0.05	4.34	100.01
30	VA14030	1.91	2.77	0.08	64.53	16.29	0.43	3.70	4.79	0.42	0.10	3.60	98.63
31	VA14031	4.81	2.30	0.08	59.66	14.42	1.70	3.71	4.75	0.37	0.11	7.32	99.23
32	VA14033	3.76	3.02	0.07	58.40	13.31	1.93	1.46	8.70	0.35	0.10	5.93	97.03
33	VA14034	3.97	3.07	0.07	61.05	14.46	2.09	1.39	5.21	0.37	0.10	7.24	99.03
34	VA14035	3.50	3.50	0.07	61.46	14.34	1.01	0.77	7.17	0.37	0.08	4.96	97.24
35	VA14036	3.75	3.48	0.07	61.53	14.38	2.47	0.28	4.84	0.37	0.15	7.35	98.67
36	VA14037	5.04	3.10	0.07	58.94	13.09	3.07	0.75	4.82	0.33	0.14	9.54	98.89
37	VA14038	4.12	3.07	0.07	59.78	13.88	3.06	0.77	4.85	0.37	0.11	8.81	98.89
38	VA14039	2.52	2.72	0.07	61.43	14.90	4.38	1.67	5.04	0.38	0.12	6.48	99.71
39	VA14040	1.37	3.08	0.08	60.79	14.69	5.11	0.22	6.61	0.51	0.15	5.72	98.33
40	VA14041	1.82	3.39	0.09	61.92	15.34	2.09	1.91	5.51	0.54	0.09	5.53	98.24
41	VA14042	2.77	2.95	0.06	60.53	13.95	4.69	0.30	5.26	0.37	0.15	7.30	98.34
42	VA14043	3.35	3.10	0.06	60.16	14.52	3.51	0.88	4.36	0.39	0.14	8.14	98.62
43	VA14044	2.36	2.87	0.07	58.42	13.89	3.90	0.32	4.92	0.38	0.11	11.94	99.20
44	VA14045	2.23	2.89	0.08	61.55	14.75	5.31	0.48	5.18	0.38	0.15	6.24	99.24
45	VA14046	1.38	4.23	0.20	70.91	14.39	0.81	3.12	3.46	0.43	0.08	0.62	99.64
46	VA14047	0.34	2.03	0.09	60.98	15.11	6.61	1.19	7.56	0.51	0.09	5.36	99.87
47	VA14048	3.13	2.82	0.07	63.17	14.62	2.76	2.54	5.13	0.38	0.08	4.60	99.29
48	VA14049	3.36	1.70	0.07	64.32	14.24	2.44	4.14	4.53	0.35	0.07	4.52	99.74
49	VA14050	2.46	2.82	0.06	61.39	14.50	3.93	1.43	4.64	0.38	0.11	7.38	99.10
50	VA14051	1.88	1.60	0.08	47.47	14.12	6.26	0.18	17.54	0.45	0.12	7.67	97.38

XRF - Analysis

From : Cominco Lab. Job no. X90-95 Reported 07-19-1990
 To : Falconbridge Ltd. Project name Birk Creek no. 147
 55 samples Shipped from C. Russell Shipment no. #1

Page 2

Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total	
	%	%	%	%	%	%	%	%	%	%	%	%	
51	VA14052	0.31	1.80	0.12	45.77	17.04	7.85	0.13	16.93	0.63	0.09	7.44	98.11
52	VA14053	1.64	2.38	0.10	58.98	16.29	6.91	1.57	5.25	0.55	0.11	5.64	99.43
53	VA14054	0.99	2.08	0.09	57.01	18.07	8.28	2.57	4.73	0.63	0.10	5.27	99.83
54	VA14055	1.26	2.33	0.10	63.75	15.94	4.67	2.76	3.49	0.56	0.09	4.19	99.16
55	VA14056	0.52	2.15	0.09	63.01	15.79	5.55	2.13	5.52	0.56	0.07	4.25	99.64

XRF - Analysis

From : Cominco Lab. Job no. X90-95 Reported 07-19-1990
 fo : Falconbridge Ltd. Project name Birk Creek no. 147
 55 samples Shipped from C. Russell Shipment no. #1

Page 1

Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm	
1	VA14001	1139.	23.	200.	20.	115.	89.	21.	123.	20.
2	VA14002	1014.	112.	304.	20.	90.	72.	20.	103.	20.
3	VA14003	952.	79.	263.	20.	88.	64.	20.	99.	20.
4	VA14004	1373.	390.	114.	20.	129.	69.	40.	94.	20.
5	VA14005	1012.	20.	25.	20.	112.	67.	20.	100.	20.
6	VA14006	521.	20.	85.	20.	185.	127.	20.	174.	23.
7	VA14007	817.	95.	359.	20.	75.	153.	21.	110.	20.
8	VA14008	923.	371.	518.	20.	80.	51.	20.	97.	20.
9	VA14009	771.	20.	26.	20.	129.	74.	20.	92.	20.
10	VA14010	679.	26.	52.	20.	116.	176.	20.	93.	20.
11	VA14011	440.	66.	142.	20.	65.	37.	20.	60.	20.
12	VA14012	568.	20.	52.	20.	107.	126.	20.	87.	20.
13	VA14013	675.	20.	34.	20.	115.	175.	20.	86.	20.
14	VA14014	24.	164.	408.	69.	20.	20.	27.	146.	22.
15	VA14015	239.	3000/	524.	27.	32.	30.	20.	141.	20.
16	VA14016	885.	34.	27.	20.	75.	127.	22.	102.	23.
17	VA14017	801.	290.	450.	22.	87.	56.	20.	111.	20.
18	VA14018	1447.	179.	255.	20.	127.	54.	22.	94.	20.
19	VA14019	441.	20.	32.	20.	58.	36.	20.	204.	20.
20	VA14020	2039.	34.	91.	20.	121.	92.	26.	189.	20.
21	VA14021	1620.	20.	151.	20.	68.	31.	20.	99.	20.
22	VA14022	607.	20.	35.	20.	28.	132.	20.	143.	20.
23	VA14023	263.	20.	37.	20.	20.	162.	20.	100.	20.
24	VA14024	853.	20.	32.	20.	20.	305.	20.	100.	20.
25	VA14025	452.	20.	103.	20.	24.	326.	20.	101.	20.
26	VA14026	522.	20.	81.	20.	180.	133.	29.	172.	20.
27	VA14027	1416.	20.	70.	20.	81.	325.	20.	108.	20.
28	VA14028	1256.	395/	509.	20.	94.	44.	20.	105.	20.
29	VA14029	1264.	113.	213.	20.	92.	59.	20.	100.	20.
30	VA14030	982.	20.	51.	20.	87.	167.	26.	113.	20.
31	VA14031	589.	20.	43.	20.	77.	288.	20.	93.	20.
32	VA14033	845.	48.	59.	20.	82.	120.	20.	74.	20.
33	VA14034	616.	112.	71.	20.	89.	150.	20.	82.	20.
34	VA14035	478.	33.	71.	20.	100.	105.	20.	84.	20.
35	VA14036	366.	20.	54.	20.	97.	110.	20.	78.	20.
36	VA14037	379.	20.	26.	20.	98.	163.	20.	96.	20.
37	VA14038	405.	20.	49.	20.	89.	144.	20.	78.	20.
38	VA14039	498.	20.	114.	20.	79.	111.	21.	104.	20.
39	VA14040	757.	185.	780/	20.	97.	79.	20.	104.	20.
40	VA14041	993.	294.	118.	20.	100.	135.	20.	105.	20.
41	VA14042	578.	20.	89.	20.	94.	91.	20.	75.	21.
42	VA14043	544.	20.	53.	20.	101.	115.	20.	91.	20.
43	VA14044	456.	20.	116.	20.	85.	75.	21.	85.	22.
44	VA14045	576.	20.	96.	20.	88.	71.	20.	85.	20.
45	VA14046	538.	20.	84.	20.	179.	134.	34.	156.	20.
46	VA14047	464.	107.	309.	20.	62.	46.	20.	101.	20.
47	VA14048	691.	20.	43.	20.	85.	149.	20.	100.	20.
48	VA14049	685.	20.	44.	20.	60.	196.	20.	106.	20.
49	VA14050	525.	20.	60.	20.	91.	128.	20.	92.	20.
50	VA14051	343.	1970/	2320/	20.	43.	62.	20.	86.	20.

XRF - Analysis

From : Cominco Lab. Job no. X90-95 Reported 07-19-1990
To : Falconbridge Ltd. Project name Birk Creek no. 147
55 samples Shipped from C. Russell Shipment no. #1

Page 2

Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm
51 VA14052	410.	876/	5690/	20.	49.	34.	20.	109.	20.
52 VA14053	473.	311.	86.	20.	66.	76.	24.	104.	20.
53 VA14054	383.	84.	85.	20.	64.	58.	20.	132.	20.
54 VA14055	434.	63.	57.	20.	76.	78.	20.	107.	20.
55 VA14056	451.	119.	249.	20.	60.	57.	20.	114.	25.

Certified by

Judith J. Le
Chemist, X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-106 Reported 08-02-1990
 To : Falconbridge Ltd. Project name BET no. 147
 28 samples Shipped from COLIN Shipment no. #2

Page 1

Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total	
1	VA14057	1.32	2.79	0.08	62.26	13.88	4.04	0.01	7.07	0.47	0.11	4.92	96.96
2	VA14058	2.02	3.03	0.09	58.60	14.08	3.75	0.03	9.18	0.49	0.15	6.60	98.02
3	VA14059	0.35	2.91	0.07	67.85	12.14	2.02	0.03	7.40	0.41	0.03	5.43	98.64
4	VA14060	0.24	3.53	0.08	67.19	13.93	1.47	0.01	6.17	0.47	0.02	5.10	98.22
5	VA14061	3.18	2.66	0.09	59.60	15.16	3.89	1.20	5.22	0.45	0.10	5.44	96.99
6	VA14062	3.77	2.08	0.07	56.23	14.37	4.26	0.93	5.75	0.43	0.07	9.24	97.20
7	VA14063	1.52	3.19	0.08	62.97	15.46	3.33	0.55	4.36	0.48	0.06	6.27	98.27
8	VA14064	2.97	0.41	0.78	49.03	13.97	6.94	1.73	15.25	2.86	0.27	5.03	99.24
9	VA14065	0.62	1.66	0.06	61.25	14.39	4.88	1.11	11.40	0.39	0.16	3.89	99.81
10	VA14066	1.40	4.21	0.21	70.91	14.50	0.79	3.00	3.45	0.42	0.07	0.60	99.56
11	VA14067	0.91	2.53	0.01	76.07	11.70	1.55	1.34	2.68	0.09	0.06	2.55	99.49
12	VA14068	6.20	4.31	0.14	51.52	15.37	3.54	0.01	8.43	0.71	0.19	6.00	96.42
13	VA14069	10.91	3.32	0.14	48.39	12.97	2.86	0.24	6.79	0.54	0.24	9.50	95.90
14	VA14070	4.98	3.27	0.10	57.16	12.70	2.75	0.01	6.35	0.54	0.24	7.65	95.76
15	VA14071	1.71	1.45	0.08	71.42	9.82	3.39	0.13	6.84	0.43	0.17	3.56	99.00
16	VA14072	4.17	2.56	0.66	66.32	13.73	1.44	1.85	3.52	0.30	0.14	4.71	98.82
17	VA14073	3.77	0.36	0.49	47.37	11.77	8.87	0.03	14.80	2.79	0.32	6.54	97.11
18	VA14074	7.93	1.42	0.47	37.48	11.98	9.25	0.10	16.29	2.63	0.30	7.60	95.45
19	VA14075	1.10	2.02	0.01	75.62	11.32	1.67	2.01	3.00	0.06	0.06	2.50	99.38
20	VA14076	0.21	3.11	0.04	67.28	12.15	1.12	0.01	9.03	0.41	0.03	6.15	99.54
21	VA14077	5.71	1.21	0.38	56.65	12.41	4.32	1.61	8.75	1.23	0.28	5.03	97.58
22	VA14078	11.56	1.22	0.71	43.01	12.61	4.36	1.29	12.16	2.67	0.27	6.57	96.43
23	VA14079	0.75	3.20	0.09	62.72	14.33	3.47	0.01	8.28	0.50	0.08	5.94	99.37
24	VA14080	4.06	2.08	0.08	58.83	15.09	5.11	1.63	5.61	0.46	0.08	5.92	98.95
25	VA14081	4.75	2.69	0.08	59.82	15.12	3.17	1.16	5.19	0.45	0.07	6.47	98.98
26	VA14082	3.78	1.63	0.09	60.23	15.31	3.49	3.53	5.32	0.45	0.07	5.47	99.37
27	VA14083	3.88	0.83	0.09	60.68	15.17	3.20	5.21	5.28	0.45	0.09	5.04	99.92
28	VA14084	3.19	2.30	0.08	58.34	15.09	5.66	1.44	5.49	0.44	0.08	7.43	99.54

RECEIVED

AUG 10 1990

Falconbridge Limited

XRF - Analysis

From : Cominco Lab. Job no. X90-106
 To : Falconbridge Ltd. Project name BET
 28 samples Shipped from COLIN

Reported 08-02-1990
 no. 147
 Shipment no. #2

Page 1

Field number	Ba PPM	Cu PPM	Zn PPM	Ni PPM	Rb PPM	Sr PPM	Y PPM	Zr PPM	Nb PPM	
1	VAL4057	820.	543.	4820.J	20.	70.	45.	22.	81.	20.
2	VAL4058	899.	203.	355.	20.	70.	61.	20.	72.	20.
3	VAL4059	921.	486.	2710.J	20.	77.	42.	20.	76.	20.
4	VAL4060	1065.	713.	3110.J	20.	77.	49.	21.	81.	20.
5	VAL4061	741.	42.	201.	20.	68.	97.	20.	74.	20.
6	VAL4062	494.	44.	57.	20.	55.	101.	20.	71.	20.
7	VAL4063	752.	45.	79.	20.	73.	80.	20.	76.	20.
8	VAL4064	358.	342.J	626.J	103.	20.	124.	26.	244.	35.
9	VAL4065	1061.	163.	126.	20.	47.	65.	20.	62.	20.
10	VAL4066	536.	20.	77.	20.	187.	130.	31.	150.	20.
11	VAL4067	2138.f	20.	20.	20.	79.	70.	20.	69.	20.
12	VAL4068	794.	89.	76.	42.	141.	226.	26.	161.	20.
13	VAL4069	581.	121.	87.	38.	116.	330.	38.	138.	20.
14	VAL4070	576.	315.J	743.J	25.	116.	272.	26.	151.	20.
15	VAL4071	645.	801.J	112.	26.	61.	86.	27.	122.	20.
16	VAL4072	1483.J	36.	40.	20.	77.	157.	20.	110.	20.
17	VAL4073	257.	814.J	759.J	142.	28.	92.	22.	193.	23.
18	VAL4074	517.	530.J	252.	200.	52.	230.	30.	199.	21.
19	VAL4075	2304.J	42.	26.	20.	63.	93.	20.	67.	20.
20	VAL4076	896.	829.J	1520.J	20.	84.	55.	20.	76.	20.
21	VAL4077	423.	114.	137.	34.	47.	159.	27.	170.	22.
22	VAL4078	698.	109.	179.	90.	42.	287.	35.	270.	35.
23	VAL4079	814.	265.	379.	20.	81.	69.	23.	73.	20.
24	VAL4080	561.	40.	61.	20.	51.	99.	20.	75.	20.
25	VAL4081	639.	37.	64.	20.	57.	118.	20.	85.	20.
26	VAL4082	622.	26.	53.	20.	49.	150.	29.	102.	20.
27	VAL4083	386.	20.	43.	20.	29.	226.	25.	101.	20.
28	VAL4084	492.	26.	70.	20.	72.	159.	21.	93.	20.

Certified by

Fred G. J. Le

 Chemist X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-109 Reported 08-09-1990
 To : Falconbridge Ltd. Project name BET/VICTORIA no. 147/146
 16 samples Shipped from COLIN Shipment no. 3

Page 1

Field number	CaO	K ₂ O	P ₂ O ₅	SiO ₂	Al ₂ O ₃	MgO	Na ₂ O	Fe ₂ O ₃	TiO ₂	MnO	LOI	Total	
1	VA14032	0.21	4.85	0.11	68.42	17.36	0.65	0.11	3.74	0.76	0.03	3.35	99.59
2	VA14085	1.46	3.06	0.14	70.00	13.41	1.07	3.92	4.26	0.46	0.10	3.90	99.78
3	VA14086	1.37	4.25	0.21	70.53	15.09	0.84	3.25	3.46	0.43	0.07	0.66	100.16
4	VA14087	2.66	2.53	0.16	59.10	19.46	1.04	6.67	3.63	0.40	0.10	4.40	99.16
5	VA14088	1.40	5.38	0.14	56.68	21.57	2.04	3.49	3.25	0.36	0.07	4.76	99.14
6	VA14089	0.55	3.26	0.15	62.34	19.70	1.14	6.20	3.33	0.36	0.08	2.76	99.88
7	VA14090	2.27	4.79	0.16	60.07	15.42	2.61	0.40	5.58	0.75	0.08	7.29	99.42
8	VA14091	3.84	2.09	0.17	59.06	12.60	2.55	3.84	6.13	0.64	0.08	8.43	99.45
9	VA14092	3.41	1.88	0.39	52.33	16.79	4.05	5.94	5.16	0.54	0.15	8.67	99.32
10	VA14093	4.78	5.02	0.35	47.36	16.67	2.99	0.03	8.58	0.79	0.09	11.54	98.20
11	VA14094	1.93	3.34	0.31	63.37	15.00	1.98	2.70	4.66	0.52	0.09	5.00	98.91
12	VA14095	3.66	2.63	0.09	65.40	15.18	0.62	1.65	4.71	0.40	0.04	4.75	99.13
13	VA14096	3.26	4.44	0.36	56.59	14.41	3.33	0.01	7.90	0.56	0.12	7.22	98.20
14	VA14097	1.17	4.63	0.10	74.64	12.99	0.52	3.18	2.10	0.32	0.05	0.41	100.13
15	VA14126	0.62	1.96	0.05	68.07	15.56	2.51	3.78	4.50	0.41	0.05	2.35	99.87
16	VA14127	1.87	0.16	0.31	64.88	11.96	6.13	1.64	9.38	1.32	0.22	2.91	99.98

XRF - Analysis

From : Cominco Lab. Job no. X90-109 Reported 08-09-1990
 To : Falconbridge Ltd. Project name BET/VICTORIA no. 147/146
 16 samples Shipped from COLIN Shipment no. 3

Page 1

Field number	Ba PPM	Cu PPM	Zn PPM	Ni PPM	Rb PPM	Sr PPM	Y PPM	Zr PPM	Nb PPM	
1	VA14032	1140.	25.	44.	23.	169.	127.	20.	185.	20.
2	VA14085	1119.	23.	59.	44.	116.	183.	62.	479.	32.
3	VA14086	537.	20.	82.	20.	166.	121.	29.	164.	21.
4	VA14087	1245.	20.	96.	20.	88.	453.	62.	756.	59.
5	VA14088	1860.	20.	105.	20.	201.	391.	61.	1304.	78.
6	VA14089	1848.	20.	143.	20.	113.	315.	63.	1013.	55.
7	VA14090	1600.	49.	88.	39.	175.	296.	20.	154.	20.
8	VA14091	849.	41.	60.	57.	73.	564.	27.	214.	23.
9	VA14092	1012.	20.	95.	20.	84.	674.	43.	473.	30.
10	VA14093	2120.	137.	1410.	106.	161.	349.	34.	151.	20.
11	VA14094	4186.	23.	80.	26.	95.	240.	40.	285.	29.
12	VA14095	807.	20.	44.	20.	70.	128.	20.	75.	20.
13	VA14096	2124.	35.	101.	35.	147.	336.	40.	309.	27.
14	VA14097	790.	20.	35.	20.	122.	180.	20.	195.	47.
15	VA14126	1883.	152.	212.	20.	59.	95.	20.	91.	20.
16	VA14127	123.	142.	49.	23.	24.	117.	20.	138.	25.

Certified by

Jud G. J. Lo
 Chemist, X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-115 Reported 08-16-1990
 To : Falconbridge Ltd. Project name BET no. 147
 11 samples Shipped from COLIN Shipment no. 4

Page 1

Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total	
1	VA14098	4.92	2.05	0.07	62.46	13.40	1.57	3.52	4.35	0.33	0.13	6.28	99.09
2	VA14099	5.30	3.56	0.06	54.67	16.48	2.73	1.95	4.75	0.42	0.10	8.54	98.56
3	VA14100	X0.22	2.62	0.15	31.36	20.91	8.47	0.18	23.73	0.95	0.04	10.75	99.38
4	VA14101	0.29	1.01	0.11	87.54	4.17	0.49	0.01	3.37	0.34	0.01	2.51	99.85
5	VA14105	0.94	5.47	0.15	61.34	17.00	1.87	0.31	6.50	0.93	0.04	5.18	99.73
6	VA14106	1.38	4.26	0.20	71.05	14.52	0.87	3.23	3.45	0.44	0.07	0.65	100.12
7	VA14109	0.32	2.56	0.18	64.00	15.27	3.59	1.69	7.69	0.98	0.05	3.80	100.13
8	VA14110	2.86	1.61	0.09	57.68	16.83	5.31	2.44	6.50	0.55	0.14	6.16	100.17
9	VA14111	4.39	2.36	0.09	59.81	16.08	2.94	1.77	5.27	0.52	0.09	6.07	99.41
10	VA14128	1.16	3.30	0.06	70.50	15.58	0.36	2.19	2.79	0.38	0.05	3.08	99.45
11	VA14130	1.33	2.53	0.07	65.62	16.85	1.22	5.37	4.09	0.45	0.06	2.56	100.16

XRF - Analysis

From : Cominco Lab. Job no. X90-115 Reported 08-16-1990
To : Falconbridge Ltd. Project name BET no. 147
11 samples Shipped from COLIN Shipment no. 4

Page 1

Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm	
1	VA14098	392.	20.	20.	20.	59.	164.	20.	68.	20.
2	VA14099	769.	20.	32.	20.	89.	195.	20.	90.	20.
3	VA14100	570.	751.	314.	20.	63.	49.	20.	171.	21.
4	VA14101	222.	276.	187.	20.	40.	55.	20.	104.	20.
5	VA14105	1729.	48.	112.	62.	207.	85.	20.	157.	20.
6	VA14106	548.	20.	73.	20.	159.	135.	27.	157.	20.
7	VA14109	957.	52.	122.	78.	92.	77.	20.	133.	20.
8	VA14110	338.	20.	26.	20.	49.	118.	20.	76.	20.
9	VA14111	475.	20.	33.	20.	66.	139.	20.	80.	20.
10	VA14128	890.	20.	37.	20.	95.	75.	20.	83.	20.
11	VA14130	1113.	27.	44.	20.	87.	186.	20.	82.	20.

Certified by

Jud G. Lo
Chemist, X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-116 Reported 08-16-1990
 To : Falconbridge Ltd. Project name VICTORIA no. 146
 11 samples Shipped from COLIN Shipment no. 4

Page 1

Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total	
1	VA14102	1.54	2.08	0.09	69.12	16.18	1.32	1.68	4.52	0.55	0.04	2.77	99.91
2	VA14103	0.43	0.51	0.06	62.21	16.45	3.40	7.53	6.79	0.46	0.07	2.03	99.95
3	VA14104	1.41	2.48	0.06	65.28	15.78	2.19	3.84	5.20	0.40	0.06	3.28	99.98
4	VA14107	16.36	0.26	0.45	38.70	12.08	3.40	1.27	17.83	3.15	1.03	4.35	98.88
5	VA14108	5.76	1.19	0.09	63.79	15.96	2.81	3.34	5.39	0.46	0.12	1.09	100.00
6	VA14112	4.29	2.21	0.09	60.49	15.13	3.30	1.03	5.95	0.51	0.11	6.06	99.17
7	VA14113	3.46	2.71	0.07	62.33	13.70	1.67	0.81	6.05	0.44	0.10	6.70	98.04
8	VA14114	1.46	2.13	0.06	73.16	10.84	1.24	0.17	3.85	0.38	0.05	5.12	98.46
9	VA14115	3.85	2.67	0.10	59.73	15.39	2.40	0.90	4.92	0.52	0.10	8.91	99.51
10	VA14116	4.90	2.31	0.08	57.40	13.70	3.12	1.08	5.76	0.45	0.12	9.51	98.43
11	VA14129	4.54	2.57	0.08	62.46	16.43	3.17	2.74	5.50	0.48	0.14	1.72	99.83

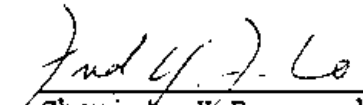
XRF - Analysis

From : Cominco Lab. Job no. X90-116 Reported 08-16-1990
To : Falconbridge Ltd. Project name VICTORIA no. 146
11 samples Shipped from COLIN Shipment no. 4

Page 1

Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm	
1	VA14102	565.	20.	29.	20.	70.	415.	20.	147.	20.
2	VA14103	429.	20.	71.	20.	36.	260.	20.	85.	20.
3	VA14104	729.	20.	29.	20.	66.	188.	20.	92.	20.
4	VA14107	418.	7060.0	467.	129.	22.	612.	22.	248.	54.
5	VA14108	566.	20.	33.	20.	51.	430.	20.	109.	20.
6	VA14112	461.	20.	63.	20.	53.	137.	20.	75.	20.
7	VA14113	426.	43.	374.	20.	71.	119.	20.	66.	20.
8	VA14114	353.	32.	1570.0	20.	50.	81.	20.	75.	20.
9	VA14115	437.	23.	78.	20.	76.	147.	20.	88.	20.
10	VA14116	364.	40.	167.	20.	53.	179.	22.	71.	20.
11	VA14129	943.	20.	39.	20.	62.	183.	20.	102.	20.

Certified by


Chemist, X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-117 Reported 08-16-1990
 To : Falconbridge Ltd. Project name VICTORIA no. 146
 10 samples Shipped from COLIN Shipment no. 5

Page 1

	Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total
		%	%	%	%	%	%	%	%	%	%	%	%
1	VA14117	2.57	2.53	0.08	63.11	16.07	2.85	3.28	2.93	0.60	0.08	5.87	99.97
2	VA14118	0.52	1.91	0.08	63.58	14.55	7.24	0.58	6.01	0.48	0.06	4.86	99.88
3	VA14131	4.16	0.40	0.35	47.49	13.15	8.78	0.38	13.13	1.98	0.15	9.81	99.78
4	VA14132	0.55	3.28	0.18	63.32	16.14	0.51	0.88	8.74	0.91	0.22	4.83	99.56
5	VA14133	0.18	2.21	0.09	61.15	16.36	5.26	0.52	8.46	0.56	0.10	4.71	99.60
6	VA14134	0.24	1.16	0.09	52.51	17.53	8.57	1.10	11.20	0.61	0.15	5.56	98.73
7	VA14135	0.47	1.88	0.09	59.58	15.47	7.49	0.10	9.04	0.55	0.08	5.28	100.03
8	VA14136	1.67	1.82	0.09	57.62	16.36	6.43	2.19	6.86	0.55	0.08	5.95	99.62
9	VA14137	3.12	2.75	0.26	60.70	16.23	1.88	3.45	5.26	0.58	0.12	5.40	99.75
10	VA14138	0.49	3.77	0.08	65.10	16.11	4.16	0.01	4.91	0.49	0.07	4.17	99.36

XRF - Analysis

From : Cominco Lab. Job no. X90-117 Reported 08-16-1990
 To : Falconbridge Ltd. Project name VICTORIA no. 146
 10 samples Shipped from COLIN Shipment no. 5

Page 1

Field number		Ba	Cu	Zn	Ni	Rb	Sr	Y	Zr	Nb
		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
1	VA14117	536.	24.	31.	20.	75.	110.	20.	85.	20.
2	VA14118	459.	387.9	59.	20.	58.	45.	20.	79.	20.
3	VA14131	96.	56.	380.	117.	28.	124.	20.	107.	22.
4	VA14132	617.	91.	203.	45.	99.	275.	42.	148.	20.
5	VA14133	556.	505.7	102.	20.	66.	58.	20.	82.	20.
6	VA14134	301.	906.1	249.	20.	43.	69.	20.	102.	20.
7	VA14135	471.	877.1	85.	20.	52.	49.	20.	86.	20.
8	VA14136	390.	455.4	213.	20.	58.	79.	20.	94.	20.
9	VA14137	864.	57.	91.	20.	79.	221.	20.	140.	20.
10	VA14138	1087.	40.	155.	45.	90.	45.	20.	76.	20.

Certified by

J. Noel G. J. Co
 Chemist, X-Ray analyst.

XRF - Analysis

RECEIVED

SEP 11 1990

From : Cominco Lab. Job no. X90-131
 To : Falconbridge Ltd. Project name BET
 20 samples Shipped from COLIN

Reported 09-06-1990
 Falconbridge Limited
 Shipment no. 6

Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total	
	%	%	%	%	%	%	%	%	%	%	%	%	
1	VA14123	3.38	1.29	0.08	55.02	16.90	3.49	4.82	8.59	0.62	0.07	5.58	99.84
2	VA14124	3.75	3.30	0.08	53.81	16.77	2.85	3.15	6.82	0.51	0.07	7.65	98.76
3	VA14125	1.38	4.21	0.20	71.43	14.66	0.85	3.17	3.46	0.42	0.07	0.63	100.49
4	VA14139	0.43	1.13	0.22	68.54	12.50	4.38	0.47	6.82	1.20	0.09	3.81	99.59
5	VA14140	0.38	3.02	0.21	57.64	17.25	6.55	0.11	8.43	1.03	0.05	5.66	100.34
6	VA14142	4.94	6.30	0.29	50.45	21.29	2.03	0.10	4.35	0.46	0.26	9.14	99.52
7	VA14145	1.29	3.90	0.18	62.44	16.18	2.48	2.06	5.89	0.66	0.06	4.76	99.90
8	VA14146	1.39	4.21	0.20	71.25	14.64	0.84	3.26	3.49	0.42	0.06	0.65	100.26
9	VA14154	3.21	3.00	0.10	64.29	11.63	2.57	1.47	5.61	0.62	0.21	7.15	99.66
10	VA14155	*0.11	2.28	0.08	65.18	11.58	1.55	0.61	10.65	0.45	0.02	6.46	98.87
11	VA14175	0.56	2.65	0.06	82.52	9.53	0.33	0.02	1.96	0.46	0.03	2.22	100.33
12	VA14176	2.29	3.80	0.14	61.51	17.45	1.60	3.03	3.01	0.39	0.05	5.42	98.70
13	VA14177	3.72	0.60	0.08	58.72	14.30	2.21	7.15	5.43	0.55	0.15	7.55	100.46
14	VA14178	12.27	0.82	0.08	53.74	13.30	0.14	6.44	2.21	0.31	0.07	9.63	99.01
15	VA14179	5.74	4.94	0.16	55.04	18.00	0.81	2.88	4.65	0.48	0.06	6.67	99.43
16	VA14180	1.69	1.28	0.09	54.23	17.85	4.89	6.19	8.21	0.64	0.09	4.69	99.86
17	VA14181	2.02	2.04	0.07	63.94	15.24	4.12	3.26	5.24	0.44	0.09	3.96	100.44
18	VA14182	1.36	2.39	0.06	59.80	15.34	6.03	0.81	7.17	0.48	0.13	5.56	99.33
19	VA14183	4.71	2.92	0.53	48.25	15.56	6.02	1.66	8.07	0.97	0.26	16.82	99.77
20	VA14184	0.13	4.28	0.07	72.05	15.87	0.52	0.15	3.45	0.48	0.01	3.24	100.32

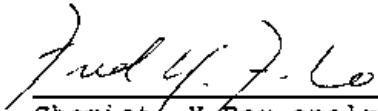
XRF - Analysis

From : Cominco Lab. Job no. X90-131 Reported 09-06-1990
 To : Falconbridge Ltd. Project name BET no. 147
 20 samples Shipped from COLIN Shipment no. 6

Page 1

Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm	
1	VA14123	861.	20.	99.	20.	61.	171.	20.	97.	20.
2	VA14124	1623.	28.	122.	20.	103.	207.	20.	97.	20.
3	VA14125	510.	20.	95.	20.	185.	124.	29.	162.	22.
4	VA14139	369.	38.	193.	30.	25.	94.	20.	150.	28.
5	VA14140	845.	433.	298.	50.	95.	70.	20.	169.	22.
6	VA14142	1400.	20.	108.	20.	218.	276.	65.	631.	40.
7	VA14145	1443.	26.	150.	32.	144.	240.	22.	279.	29.
8	VA14146	558.	20.	89.	20.	168.	117.	30.	157.	21.
9	VA14154	1253.	36.	71.	68.	126.	484.	20.	241.	20.
10	VA14155	565.	860.	1800.	20.	73.	65.	32.	109.	20.
11	VA14175	1017.	27.	23.	22.	93.	53.	20.	187.	20.
12	VA14176	2141.	40.	56.	20.	145.	283.	46.	629.	41.
13	VA14177	199.	41.	55.	43.	23.	480.	20.	195.	32.
14	VA14178	546.	20.	20.	20.	24.	822.	25.	180.	20.
15	VA14179	3297.	24.	20.	20.	153.	366.	23.	193.	21.
16	VA14180	619.	73.	201.	20.	49.	284.	20.	111.	20.
17	VA14181	629.	20.	87.	20.	54.	126.	20.	107.	20.
18	VA14182	688.	146.	1180.	20.	74.	61.	20.	79.	20.
19	VA14183	2015.	42.	2590.	51.	62.	388.	20.	217.	24.
20	VA14184	773.	27.	70.	20.	125.	48.	20.	88.	20.

Certified by


Chemist, X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-132 Reported 09-06-1990
 To : Falconbridge Ltd. Project name VICTORIA no. 146
 14 samples Shipped from COLIN Shipment no. 6

Page 1

Field number		CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total
		%	%	%	%	%	%	%	%	%	%	%	%
1	VA14119	0.44	4.42	0.08	60.09	18.27	3.19	0.01	6.98	0.51	0.08	5.85	99.93
2	VA14120	0.91	3.51	0.07	61.68	16.31	5.29	0.05	6.33	0.50	0.23	4.75	99.63
3	VA14121	0.79	2.92	0.07	67.26	14.37	4.31	0.02	6.16	0.44	0.14	4.28	100.26
4	VA14122	0.08	3.33	0.07	64.75	15.93	4.94	0.01	6.35	0.51	0.13	4.35	100.45
5	VA14141	0.12	2.51	0.07	63.14	15.16	6.59	0.01	7.46	0.47	0.13	4.62	100.28
6	VA14143	0.11	1.77	0.06	67.54	12.86	6.32	0.01	6.37	0.42	0.19	4.19	99.84
7	VA14144	0.48	1.16	0.06	64.46	12.96	7.65	0.01	8.13	0.40	0.20	4.67	100.18
8	VA14147	0.12	1.37	0.06	68.54	12.40	7.80	0.01	7.10	0.39	0.11	4.54	100.44
9	VA14148	0.11	1.48	0.05	66.18	12.18	6.49	0.01	8.06	0.39	0.13	4.82	99.90
10	VA14149	0.10	3.58	0.05	74.32	13.74	0.81	0.01	3.41	0.46	0.03	3.15	99.66
11	VA14150	0.35	3.02	0.07	68.66	13.66	3.45	0.03	6.10	0.42	0.12	4.12	100.00
12	VA14151	1.14	1.89	0.07	66.48	13.51	5.72	0.02	6.39	0.44	0.25	3.82	99.73
13	VA14152	0.26	0.79	0.07	56.37	14.49	11.03	0.01	10.10	0.50	0.24	6.53	100.40
14	VA14153	0.18	4.29	0.08	59.69	17.66	3.27	0.05	8.24	0.58	0.08	5.06	100.11

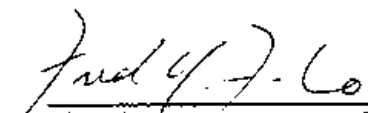
XRF - Analysis

From : Cominco Lab. Job no. X90-132 Reported 09-06-1990
 To : Falconbridge Ltd. Project name VICTORIA no. 146
 14 samples Shipped from COLIN Shipment no. 6

Page 1

	Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm
1	VA14119	1243.	51.	494.	20.	130.	47.	20.	79.	20.
2	VA14120	1031.	87.	818.	20.	112.	45.	20.	64.	20.
3	VA14121	846.	132.	415.	20.	82.	35.	20.	81.	20.
4	VA14122	957.	81.	357.	21.	99.	25.	20.	79.	20.
5	VA14141	745.	67.	693.	20.	79.	34.	20.	82.	20.
6	VA14143	509.	42.	311.	20.	56.	20.	20.	68.	20.
7	VA14144	299.	658.	3460.	20.	38.	36.	20.	59.	20.
8	VA14147	415.	71.	492.	20.	40.	21.	20.	81.	20.
9	VA14148	586.	93.	669.	20.	46.	20.	20.	90.	20.
10	VA14149	1128.	93.	86.	20.	109.	50.	20.	85.	20.
11	VA14150	891.	66.	828.	20.	86.	41.	20.	78.	20.
12	VA14151	597.	74.	663.	20.	55.	32.	20.	91.	20.
13	VA14152	322.	44.	343.	20.	29.	20.	20.	77.	20.
14	VA14153	1159.	82.	92.	20.	103.	45.	20.	76.	20.

Certified by



 Chemist, X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-135 Reported 09-13-1990
 To : Falconbridge Ltd. Project name BET no. 147
 5 samples Shipped from COLIN Shipment no. 7

Page 1

Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total	
1	YA14172	1.30	0.30	0.07	58.03	17.14	4.44	6.16	7.48	0.54	0.08	4.08	99.62
2	YA14173	0.93	0.47	0.07	60.86	17.99	2.43	8.39	5.69	0.57	0.06	2.60	100.07
3	YA14174	0.69	0.56	0.07	61.01	17.92	2.17	8.10	6.36	0.57	0.08	2.59	100.12
4	YA14205	0.82	0.47	0.08	57.91	18.44	3.89	7.98	7.67	0.59	0.07	2.99	100.11
5	YA14206	0.07	1.47	0.03	88.06	4.80	0.23	0.01	1.44	0.24	0.01	3.03	99.39

XRF - Analysis

From : Cominco Lab. Job no. X90-135 Reported 09-13-1990
To : Falconbridge Ltd. Project name BET no. 147
5 samples Shipped from COLIN Shipment no. 7

Page 1

Field number	As ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm
1 VA14172	255.	20.	126.	20.	23.	124.	20.	78.	20.
2 VA14173	299.	26.	79.	20.	33.	177.	20.	100.	20.
3 VA14174	529.	20.	195.	20.	37.	193.	20.	99.	20.
4 VA14205	338.	20.	102.	20.	36.	147.	20.	94.	20.
5 VA14206	1115.	20.	52.	20.	43.	32.	20.	39.	20.

Certified by

Judith J. Co
Chemist, X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-136 Reported 09-13-1990
 To : Falconbridge Ltd. Project name VICTORIA no. 146
 31 samples Shipped from COLIN Shipment no. 7

Page 1

Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total	
1	VA14185	0.14	2.34	0.01	79.35	10.64	0.55	1.04	3.13	0.10	0.03	2.17	99.52
2	VA14186	1.38	4.25	0.20	70.94	14.50	0.87	3.28	3.45	0.43	0.07	0.72	100.10
3	VA14187	0.78	1.30	0.04	68.55	11.51	2.96	1.61	9.10	0.20	0.19	3.09	99.34
4	VA14188	0.20	3.70	0.02	72.69	13.70	1.02	0.06	3.87	0.22	0.05	3.74	99.27
5	VA14189	0.56	2.21	0.10	61.76	14.19	3.98	0.98	10.14	0.64	0.17	4.53	99.27
6	VA14190	0.61	0.68	0.02	85.36	2.91	1.23	0.01	5.14	0.32	0.13	3.22	99.63
7	VA14191	1.31	4.25	0.10	62.93	16.62	3.02	0.44	6.39	0.73	0.14	3.32	99.25
8	VA14192	0.46	0.49	0.03	72.08	12.54	2.64	4.19	4.66	0.25	0.09	1.95	99.38
9	VA14193	0.55	1.15	0.03	72.44	14.20	1.15	5.20	3.33	0.25	0.07	1.59	99.96
10	VA14194	3.64	0.78	0.66	43.47	12.12	12.02	1.11	16.50	3.48	0.29	5.11	99.18
11	VA14195	1.08	2.32	0.04	72.08	14.34	1.96	2.43	3.25	0.24	0.07	2.10	99.93
12	VA14196	2.51	3.35	0.09	62.02	16.44	5.49	0.36	5.84	0.49	0.15	3.23	99.97
13	VA14197	0.33	1.60	0.07	62.35	15.55	8.67	1.60	5.21	0.49	0.11	4.63	100.61
14	VA14198	1.63	2.58	0.06	65.44	15.43	3.68	1.39	5.12	0.47	0.11	4.16	100.07
15	VA14199	0.26	1.84	0.08	59.26	15.78	8.88	1.23	6.72	0.49	0.12	5.38	100.04
16	VA14156	0.15	3.59	0.06	61.94	13.23	5.18	0.06	8.08	0.41	0.09	6.02	98.81
17	VA14157	0.95	2.57	0.07	60.37	15.96	8.17	0.23	6.81	0.58	0.20	4.98	100.02
18	VA14158	0.19	1.95	0.05	61.24	13.57	8.85	0.09	7.42	0.43	0.17	5.54	99.51
19	VA14159	1.86	1.53	0.19	31.09	19.56	18.54	0.16	13.55	0.91	0.57	9.74	97.70
20	VA14160	0.85	3.53	0.14	59.14	17.14	6.11	0.10	6.31	0.74	0.16	5.08	99.30
21	VA14161	0.16	1.49	0.07	59.24	14.50	9.92	0.01	7.43	0.49	0.16	6.32	99.79
22	VA14162	0.20	1.90	0.07	60.62	14.99	8.77	0.01	6.70	0.47	0.18	5.35	99.06
23	VA14163	0.13	2.09	0.07	61.63	15.28	8.21	0.01	6.27	0.46	0.16	5.27	99.59
24	VA14164	0.09	3.22	0.05	62.76	15.18	4.59	0.01	6.23	0.87	0.08	5.50	98.58
25	VA14165	0.09	0.35	0.10	45.42	14.37	12.87	0.01	15.92	0.52	0.27	8.91	98.84
26	VA14166	1.38	4.21	0.20	70.86	14.45	0.84	3.27	3.46	0.43	0.06	0.76	99.93
27	VA14167	0.08	1.00	0.14	34.09	16.95	12.30	0.04	21.25	0.84	0.29	11.08	98.08
28	VA14168	0.23	1.63	0.16	54.01	14.95	7.84	0.01	12.86	0.68	0.18	7.24	99.79
29	VA14169	0.76	1.17	0.12	56.98	13.31	10.51	0.01	8.93	0.58	0.21	6.80	99.39
30	VA14170	0.75	0.11	0.19	28.46	16.35	14.17	0.29	13.49	0.83	0.41	12.23	87.28
31	VA14171	0.12	3.28	0.07	62.84	15.65	5.09	0.05	5.85	0.51	0.12	5.44	99.02

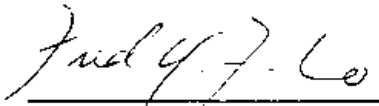
XRF - Analysis

From : Cominco Lab. Job no. X90-136 Reported 09-13-1990
 To : Falconbridge Ltd. Project name VICTORIA no. 146
 31 samples Shipped from COLIN Shipment no. 7

Page 1

Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm	
1	VA14185	2424.	183.	57.	20.	76.	47.	20.	70.	20.
2	VA14186	522.	20.	74.	20.	164.	129.	31.	149.	20.
3	VA14187	★ 1809.	1790.	779.	20.	47.	54.	20.	64.	20.
4	VA14188	4074.	742.	42.	20.	102.	51.	20.	110.	20.
5	VA14189	640.	1290.	224.	20.	63.	91.	21.	113.	20.
6	VA14190	170.	370.	3180.	20.	32.	36.	20.	202.	20.
7	VA14191	1582.	155.	53.	29.	133.	105.	20.	182.	20.
8	VA14192	461.	192.	1260.	20.	36.	84.	20.	75.	20.
9	VA14193	1220.	148.	51.	20.	42.	106.	20.	87.	20.
10	VA14194	240.	597.	6580.	199.	43.	119.	20.	229.	59.
11	VA14195	2241.	325.	126.	20.	81.	112.	20.	89.	20.
12	VA14196	486.	61.	397.	20.	30.	48.	20.	102.	20.
13	VA14197	265.	20.	106.	20.	46.	47.	20.	97.	20.
14	VA14198	545.	24.	100.	20.	74.	131.	20.	91.	20.
15	VA14199	301.	26.	97.	20.	56.	45.	21.	86.	20.
16	VA14256	✓ 1241.	318.	3900.	20.	102.	35.	20.	76.	20.
17	VA14157	1190.	97.	585.	20.	76.	62.	20.	89.	20.
18	VA14158	740.	330.	597.	20.	64.	44.	20.	84.	20.
19	VA14159	514.	500.	4740.	24.	52.	46.	37.	170.	20.
20	VA14160	1687.	135.	990.	32.	85.	65.	42.	146.	20.
21	VA14161	646.	43.	279.	20.	55.	23.	20.	84.	20.
22	VA14162	985.	59.	281.	20.	56.	32.	20.	97.	20.
23	VA14163	991.	20.	174.	20.	63.	35.	20.	81.	20.
24	VA14164	1495.	43.	172.	20.	70.	44.	21.	196.	23.
25	VA14165	144.	93.	546.	20.	22.	20.	20.	100.	20.
26	VA14166	524.	20.	83.	20.	159.	110.	34.	177.	20.
27	VA14167	436.	145.	280.	20.	43.	30.	20.	135.	21.
28	VA14168	690.	406.	263.	20.	47.	24.	34.	113.	20.
29	VA14169	436.	193.	1940.	26.	41.	34.	30.	113.	20.
30	VA14170	102.	562.	39759.	20.	52.	20.	72.	200.	20.
31	VA14171	1495.	78.	377.	20.	86.	46.	20.	97.	20.

Certified by


Chemist, X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-146 Reported 10-12-1990
 To : Falconbridge Ltd. Project name BET no. 147
 13 samples Shipped from COLIN Shipment no. 10

Page 1

Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total	
1	VA14276	5.12	2.98	0.06	59.33	13.31	1.69	1.59	5.41	0.36	0.11	8.32	98.28
2	VA14277	3.81	1.47	0.07	56.99	14.73	1.50	5.16	6.65	0.40	0.10	6.51	97.39
3	VA14278	2.01	2.94	0.08	63.28	15.50	1.32	3.52	4.77	0.43	0.08	5.20	99.13
4	VA14279	3.01	3.13	0.08	59.93	15.26	0.97	3.35	6.49	0.42	0.09	4.63	97.36
5	VA14280	3.20	2.95	0.08	59.78	15.42	1.35	3.10	5.37	0.41	0.07	5.91	97.64
6	VA14281	3.20	3.80	0.07	62.81	14.67	2.30	0.18	4.05	0.40	0.09	7.18	98.75
7	VA14282	0.52	1.84	0.10	82.10	7.02	0.62	0.01	3.68	0.39	0.02	2.99	99.30
8	VA14283	0.78	1.61	0.12	61.75	14.68	7.03	1.69	5.98	0.62	0.09	5.06	99.41
9	VA14284	2.19	1.16	0.38	43.95	14.18	9.63	0.10	14.59	1.92	0.23	8.33	96.67
10	VA14285	1.17	1.36	0.36	54.00	12.38	6.03	0.05	13.06	1.50	0.09	8.72	98.73
11	VA14286	1.39	4.26	0.21	70.80	14.37	0.88	3.11	3.44	0.46	0.07	0.69	99.68
12	VA14287	1.71	2.54	0.10	60.58	12.54	2.48	0.63	9.24	0.46	0.06	7.10	97.44
13	VA14288	3.36	2.54	0.12	54.85	14.95	6.07	0.71	6.05	0.57	0.10	8.97	98.30

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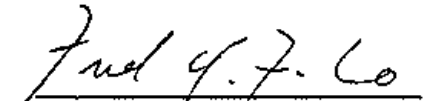
XRF - Analysis

From : Cominco Lab. Job no. X90-146 Reported 10-12-1990
 To : Falconbridge Ltd. Project name BET no. 147
 13 samples Shipped from COLIN Shipment no. 10

Page 1

Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm	
1	VA14276	895.	22.	89.	20.	84.	165.	20.	77.	20.
2	VA14277	1083.	26.	34.	20.	52.	237.	20.	98.	20.
3	VA14278	1897.	20.	26.	20.	88.	168.	20.	92.	20.
4	VA14279	1632.	21.	22.	20.	85.	145.	20.	97.	20.
5	VA14280	711.	20.	26.	20.	78.	144.	20.	95.	20.
6	VA14281	525.	20.	34.	20.	105.	126.	20.	90.	20.
7	VA14282	353.	1710.	618.	25.	63.	56.	20.	82.	20.
8	VA14283	422.	155.	95.	20.	52.	58.	20.	106.	20.
9	VA14284	306.	907.	5570.	38.	42.	66.	20.	203.	29.
10	VA14285	284.	742.	322.	24.	41.	44.	20.	139.	28.
11	VA14286	486.	20.	78.	20.	175.	127.	23.	165.	26.
12	VA14287	622.	152.	1740.	20.	72.	89.	20.	96.	20.
13	VA14288	538.	20.	50.	20.	73.	112.	20.	81.	20.

Certified by


 Chemist ; X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-153 Reported 10-25-1990
 To : Falconbridge Ltd. Project name BET no. 147
 58 samples Shipped from COLIN Shipment no. 8 & 9

Page 1

Field number	CaO %	K2O %	P2O5 %	SiO2 %	Al2O3 %	MgO %	Na2O %	Fe2O3 %	TiO2 %	MnO %	LOI %	Total %	
1	VAL4200	1.49	2.84	0.05	66.61	14.01	4.65	0.02	4.94	0.35	0.09	5.16	100.21
2	VAL4201	0.99	2.08	0.07	67.99	16.29	0.78	6.45	2.85	0.40	0.04	2.17	100.12
3	VAL4202	1.51	0.58	0.06	65.86	15.94	1.16	7.81	3.81	0.52	0.04	3.07	100.37
4	VAL4203	7.74	1.16	0.18	61.63	8.13	2.02	0.88	5.77	0.99	0.10	11.19	99.80
5	VAL4204	2.14	1.30	0.12	63.89	13.86	3.05	3.48	6.69	0.60	0.10	4.99	100.21
6	VAL4207	12.56	1.50	0.03	61.87	5.51	1.70	0.01	2.95	0.38	0.19	12.61	99.31
7	VAL4208	0.13	0.06	0.07	43.70	15.60	6.49	0.01	26.48	0.96	0.07	6.78	100.35
8	VAL4209	0.73	1.87	0.06	60.46	14.92	5.29	1.54	8.77	0.45	0.11	5.44	99.64
9	VAL4210	0.19	1.86	0.07	61.26	15.56	7.72	0.75	7.41	0.50	0.08	4.89	100.29
10	VAL4211	2.59	3.04	0.07	58.65	16.90	1.99	3.86	5.40	0.45	0.08	6.66	99.69
11	VAL4212	1.75	3.58	0.06	64.08	16.07	1.19	2.82	5.63	0.42	0.09	4.29	99.99
12	VAL4213	3.64	2.08	0.05	62.94	14.45	1.02	5.22	4.32	0.36	0.09	5.46	99.65
13	VAL4214	2.95	2.69	0.06	63.93	15.28	0.84	4.57	4.09	0.39	0.07	4.16	99.03
14	VAL4215	1.42	3.41	0.07	63.96	17.54	0.63	4.35	4.44	0.46	0.07	3.23	99.59
15	VAL4216	0.44	3.81	0.07	60.38	19.18	1.52	3.89	7.21	0.49	0.05	2.92	99.96
16	VAL4217	1.79	3.07	0.06	59.92	17.08	1.31	4.19	7.65	0.42	0.08	3.79	99.36
17	VAL4218	1.41	3.31	0.06	65.39	17.66	0.66	4.96	3.16	0.47	0.07	2.72	99.88
18	VAL4219	1.85	3.34	0.06	65.04	16.67	0.74	3.13	4.71	0.43	0.10	3.64	99.72
19	VAL4220	3.29	3.05	0.06	61.48	15.15	0.56	2.13	6.21	0.39	0.11	5.96	98.39
20	VAL4221	4.28	2.45	0.06	62.34	15.36	1.24	3.06	5.14	0.40	0.16	5.21	99.70
21	VAL4222	4.58	2.76	0.06	64.19	15.16	1.40	1.42	4.11	0.39	0.10	5.96	100.13
22	VAL4223	3.58	2.44	0.06	61.67	15.85	1.85	3.71	5.40	0.42	0.10	4.84	99.92
23	VAL4224	2.76	4.63	0.15	59.63	16.94	2.86	1.72	3.49	0.34	0.08	6.55	99.15
24	VAL4225	2.21	2.59	0.07	62.54	16.06	1.36	3.80	5.29	0.43	0.09	5.51	99.95
25	VAL4226	1.38	4.23	0.17	71.07	14.66	0.83	3.15	3.46	0.44	0.07	0.67	100.14
26	VAL4227	1.11	4.03	0.05	71.98	14.54	0.82	0.01	2.68	0.19	0.06	3.88	99.35
27	VAL4228	0.11	2.81	0.04	71.12	15.58	0.36	3.01	3.43	0.42	0.03	2.63	99.55
28	VAL4229	3.04	3.31	0.06	64.28	15.02	1.92	0.84	4.26	0.37	0.09	6.81	100.00
29	VAL4230	1.04	0.17	0.07	61.10	17.18	2.27	8.26	6.67	0.52	0.07	2.84	100.20
30	VAL4231	2.92	3.10	0.06	67.96	15.42	0.16	1.48	3.47	0.38	0.03	4.46	99.45
31	VAL4232	15.26	2.64	0.16	44.60	13.35	0.47	2.05	5.94	0.44	0.23	13.28	98.42
32	VAL4233	5.24	1.44	0.06	55.61	15.24	1.79	4.62	6.50	0.46	0.13	8.89	99.98
33	VAL4234	1.96	2.68	0.06	65.01	16.46	1.24	2.79	4.78	0.42	0.10	4.21	99.72
34	VAL4235	4.11	3.26	0.06	61.59	14.31	2.22	0.39	4.65	0.35	0.11	7.96	99.01
35	VAL4236	0.70	4.10	0.06	64.04	18.26	1.02	3.16	4.67	0.49	0.05	2.73	99.28
36	VAL4237	2.88	3.05	0.06	64.56	15.78	0.84	3.26	4.57	0.39	0.08	3.91	99.38
37	VAL4238	1.56	3.91	0.03	68.68	15.31	0.86	0.15	3.14	0.38	0.06	5.00	99.08
38	VAL4239	0.62	3.85	0.04	68.61	15.38	1.24	0.77	5.04	0.40	0.04	3.63	99.62
39	VAL4240	3.23	3.13	0.05	63.42	13.62	1.77	1.46	5.63	0.36	0.12	5.54	98.33
40	VAL4241	0.13	2.23	0.07	84.33	8.32	0.11	0.01	2.39	0.42	0.02	1.95	99.98
41	VAL4242	6.46	3.67	0.40	50.32	15.73	3.42	2.51	4.98	0.51	0.09	10.55	98.65
42	VAL4243	0.92	1.41	0.06	68.39	15.53	2.14	1.45	6.08	0.42	0.03	4.02	100.45
43	VAL4244	5.41	2.28	0.06	56.67	16.34	2.46	2.19	5.97	0.45	0.06	8.22	100.12
44	VAL4245	6.06	4.85	0.11	48.70	20.32	0.98	0.62	7.20	0.76	0.07	8.85	98.53
45	VAL4246	1.39	4.23	0.18	71.06	14.56	0.87	3.12	3.49	0.43	0.08	0.71	100.13
46	VAL4251	2.32	3.56	0.36	56.08	19.01	3.56	4.07	4.61	0.55	0.09	5.02	99.23
47	VAL4252	1.36	0.95	0.06	56.15	18.29	5.01	5.33	7.56	0.52	0.06	4.56	99.86
48	VAL4247	3.90	3.42	0.06	60.88	14.60	1.92	0.90	5.11	0.38	0.09	6.80	98.06
49	VAL4248	5.17	2.74	0.06	57.80	14.44	1.62	2.85	5.75	0.36	0.15	7.33	98.27
50	VAL4249	4.00	2.69	0.06	61.04	15.07	1.15	3.18	5.59	0.39	0.11	5.45	98.93

XRF - Analysis

From : Cominco Lab. Job no. X90-153 Reported 10-25-1990
 To : Falconbridge Ltd. Project name BET no. 147
 68 samples Shipped from COLIN Shipment no. 8 & 9

Page 2

Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total	
51	VA14250	3.85	3.26	0.07	62.59	16.00	1.04	2.83	4.69	0.40	0.13	4.98	99.85
52	VA14253	2.25	3.14	0.06	64.41	16.34	1.12	3.64	3.89	0.42	0.07	3.94	99.28
53	VA14254	2.23	2.74	0.06	66.08	15.58	1.17	3.10	4.54	0.39	0.06	3.51	99.48
54	VA14255	3.74	3.33	0.06	61.69	15.85	1.25	1.77	5.58	0.40	0.10	4.05	97.82
55	VA14256	4.38	3.11	0.06	63.62	15.52	1.29	1.60	3.75	0.40	0.10	5.73	99.56
56	VA14257	7.61	3.27	0.05	55.23	13.11	3.14	0.29	4.37	0.32	0.32	11.27	98.93
57	VA14258	4.60	3.45	0.06	62.47	13.46	2.45	0.19	3.98	0.33	0.14	8.28	99.42
58	VA14259	2.64	3.36	0.16	62.00	13.27	1.80	0.09	7.11	0.82	0.08	7.35	98.68
59	VA14260	4.85	3.26	0.05	60.98	13.33	3.18	0.18	4.19	0.31	0.16	9.04	99.54
60	VA14261	5.02	2.01	0.29	60.98	11.11	4.38	0.54	4.62	1.62	0.15	9.24	99.96
61	VA14262	1.15	1.97	0.07	64.71	15.40	5.18	2.83	3.96	0.54	0.11	4.54	100.46
62	VA14263	0.70	0.92	0.34	64.53	12.66	6.90	1.63	6.41	1.73	0.07	4.16	100.05
63	VA14264	0.85	2.00	0.07	65.00	15.73	5.26	2.69	3.73	0.51	0.68	4.19	100.12
64	VA14265	0.83	1.53	0.06	60.69	14.60	7.81	0.37	8.18	0.43	0.11	5.84	100.45
65	VA14266	1.38	4.23	0.18	71.33	14.69	0.89	3.14	3.50	0.43	0.08	0.63	100.50
66	VA14267	5.74	2.60	0.12	54.96	13.60	3.12	0.73	6.21	0.62	0.14	12.05	100.09
67	VA14268	4.61	2.45	0.09	55.84	14.47	4.21	1.10	5.53	0.54	0.12	10.95	99.92
68	VA14269	4.96	2.33	0.09	55.37	13.97	5.18	0.32	6.20	0.56	0.14	9.56	98.69

XRF - Analysis

From : Cominco Lab. Job no. X90-153 Reported 10-25-1990
 To : Falconbridge Ltd. Project name BET no. 147
 68 samples Shipped from COLIN Shipment no. 8 & 9

Page 1

Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm	
1	VA14200	492.	29.	79.	20.	96.	55.	20.	84.	20.
2	VA14201	2266.	20.	44.	20.	39.	138.	20.	147.	20.
3	VA14202	818.	20.	69.	20.	29.	204.	20.	101.	20.
4	VA14203	406.	20.	110.	28.	38.	247.	20.	196.	20.
5	VA14204	706.	151.	87.	20.	55.	94.	20.	111.	20.
6	VA14207	338.	30.	150.	20.	54.	200.	20.	190.	20.
7	VA14208	36.	168.	399.	20.	20.	20.	20.	137.	20.
8	VA14209	565.	250.	402.	20.	67.	77.	20.	73.	20.
9	VA14210	637.	43.	172.	20.	61.	37.	20.	77.	20.
10	VA14211	1886.	20.	50.	20.	90.	181.	20.	97.	20.
11	VA14212	2487.	20.	83.	20.	106.	114.	20.	88.	20.
12	VA14213	1209.	20.	38.	20.	60.	242.	20.	84.	20.
13	VA14214	1698.	20.	21.	20.	82.	209.	20.	80.	20.
14	VA14215	2210.	20.	30.	20.	90.	117.	20.	102.	20.
15	VA14216	2248.	32.	60.	20.	104.	66.	20.	97.	20.
16	VA14217	2053.	32.	52.	20.	86.	133.	20.	90.	20.
17	VA14218	1868.	20.	20.	20.	92.	113.	20.	100.	20.
18	VA14219	1505.	20.	41.	20.	94.	103.	20.	85.	20.
19	VA14220	1221.	20.	45.	20.	93.	128.	20.	102.	20.
20	VA14221	1223.	20.	49.	20.	80.	177.	20.	112.	20.
21	VA14222	632.	20.	42.	20.	73.	125.	20.	94.	20.
22	VA14223	1265.	25.	59.	20.	86.	248.	20.	85.	20.
23	VA14224	1704.	20.	95.	20.	264.	468.	49.	800.	45.
24	VA14225	1572.	20.	68.	20.	93.	158.	20.	93.	20.
25	VA14226	599.	20.	82.	20.	187.	124.	29.	157.	20.
26	VA14227	1245.	20.	47.	20.	130.	61.	20.	129.	20.
27	VA14228	972.	20.	43.	20.	76.	60.	20.	77.	20.
28	VA14229	431.	20.	883.	20.	100.	147.	20.	91.	20.
29	VA14230	295.	32.	67.	20.	20.	177.	20.	98.	20.
30	VA14231	857.	28.	30.	20.	97.	149.	20.	98.	20.
31	VA14232	1122.	31.	46.	20.	79.	485.	23.	114.	20.
32	VA14233	1008.	20.	39.	20.	54.	251.	20.	73.	20.
33	VA14234	1102.	21.	51.	20.	81.	90.	20.	91.	20.
34	VA14235	761.	20.	96.	20.	93.	150.	20.	72.	20.
35	VA14236	2061.	20.	31.	20.	125.	69.	20.	105.	20.
36	VA14237	1467.	20.	31.	20.	90.	113.	20.	102.	20.
37	VA14238	621.	20.	20.	20.	171.	101.	20.	79.	20.
38	VA14239	1287.	20.	170.	20.	119.	53.	20.	89.	20.
39	VA14240	686.	20.	57.	20.	90.	135.	20.	82.	20.
40	VA14241	634.	24.	28.	22.	88.	50.	20.	234.	20.
41	VA14242	2393.	57.	28.	20.	163.	961.	39.	421.	27.
42	VA14243	341.	20.	45.	20.	69.	200.	20.	81.	20.
43	VA14244	832.	20.	53.	20.	85.	191.	20.	66.	20.
44	VA14245	2443.	20.	271.	20.	166.	284.	20.	134.	20.
45	VA14246	597.	20.	83.	20.	178.	132.	25.	153.	20.
46	VA14251	1366.	20.	76.	20.	145.	454.	47.	580.	35.
47	VA14252	1236.	20.	54.	20.	34.	224.	20.	95.	20.
48	VA14247	513.	20.	139.	20.	91.	91.	20.	84.	20.
49	VA14248	809.	20.	67.	20.	94.	186.	20.	97.	20.
50	VA14249	1451.	20.	39.	20.	84.	190.	20.	97.	20.

XRF - Analysis

From : Cominco Lab.

Job no. X90-153

Reported 10-25-1990

To : Falconbridge Ltd. Project name BET

no. 147

68 samples Shipped from COLIN

Shipment no. 8 & 9

Page 2

Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm	
51	VA14250	1249.	20.	25.	20.	93.	146.	20.	83.	20.
52	VA14253	1877.	20.	28.	20.	91.	128.	20.	92.	20.
53	VA14254	1457.	20.	27.	20.	85.	115.	20.	92.	20.
54	VA14255	809.	20.	28.	20.	94.	114.	20.	97.	20.
55	VA14256	732.	20.	26.	20.	83.	115.	20.	167.	20.
56	VA14257	587.	20.	20.	20.	77.	159.	20.	95.	20.
57	VA14258	432.	20.	47.	20.	107.	137.	20.	84.	20.
58	VA14259	506.	405.	1180.	20.	101.	117.	20.	123.	23.
59	VA14260	534.	61.	58.	20.	100.	156.	20.	92.	20.
60	VA14261	344.	405.	123.	35.	60.	144.	20.	188.	20.
61	VA14262	542.	259.	254.	20.	67.	79.	20.	75.	20.
62	VA14263	347.	727.	147.	34.	29.	40.	20.	193.	28.
63	VA14264	725.	234.	294.	20.	56.	68.	20.	86.	20.
64	VA14265	492.	494.	419.	20.	56.	53.	20.	77.	20.
65	VA14266	591.	20.	86.	20.	184.	123.	23.	169.	20.
66	VA14267	738.	33.	82.	20.	72.	142.	20.	131.	20.
67	VA14268	554.	29.	91.	20.	63.	138.	20.	78.	20.
68	VA14269	652.	23.	73.	20.	56.	126.	20.	76.	20.

Certified by

Fred G. J. Le
Chemist, X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-162 Reported 11-07-1990
 : Falconbridge Ltd. Project name BET no. 147
 17 samples Shipped from COLIN Shipment no. 12

Page 1

Field number	CaO %	K2O %	P2O5 %	SiO2 %	Al2O3 %	MgO %	Na2O %	Fe2O3 %	TiO2 %	MnO %	LOI %	Total %	
1	VB09709	1.89	0.33	0.66	59.46	17.20	2.96	8.32	5.64	0.48	0.05	3.81	100.23
2	VB09710	1.75	0.55	0.05	54.46	18.51	4.69	7.02	7.83	0.60	0.10	4.64	100.21
3	VB09711	1.97	0.55	0.13	55.04	18.24	4.55	7.11	8.10	0.58	0.13	3.68	100.08
4	VB09712	1.45	0.44	0.07	59.57	17.04	3.91	7.36	6.52	0.56	0.09	3.14	100.15
5	VB09713	1.73	0.33	0.08	59.83	17.48	2.96	8.04	5.56	0.54	0.09	3.12	99.76
6	VB09714	1.71	1.23	0.06	59.52	16.68	3.70	6.75	5.58	0.52	0.08	3.58	99.52
7	VB09715	4.42	2.25	0.26	56.53	15.79	2.08	4.30	5.46	0.66	0.12	7.61	99.48
8	VB09716	5.39	1.74	0.06	54.69	14.95	1.49	5.25	5.46	0.44	0.15	7.59	98.21
9	VB09717	5.73	3.17	0.08	54.80	16.95	1.50	4.06	4.54	0.55	0.13	7.83	99.34
10	VB09718	2.21	3.93	0.09	65.03	14.44	1.79	1.24	4.73	0.44	0.10	4.32	98.92
11	VB09719	3.23	3.46	0.10	63.62	14.32	1.68	2.14	4.36	0.47	0.10	5.37	98.85
12	VB09720	2.28	4.11	0.08	64.40	14.96	1.87	1.09	4.63	0.47	0.09	5.15	99.13
13	VB09721	2.02	4.17	0.08	63.79	15.45	2.17	1.02	4.80	0.48	0.08	5.00	99.08
14	VB09722	1.91	3.90	0.07	64.85	14.70	2.21	0.99	4.59	0.45	0.07	5.63	99.57
15	VB09723	1.19	3.80	0.10	66.18	15.53	2.64	1.41	4.55	0.54	0.06	3.76	99.76
16	VB09724	2.29	3.61	0.11	61.95	15.97	2.49	1.72	4.21	0.52	0.07	6.37	99.31
17	VB09725	2.38	4.23	0.18	70.91	14.66	0.82	3.16	3.47	0.42	0.08	0.70	99.95

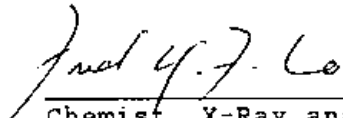
XRF - Analysis

From : Cominco Lab. Job no. X90-162 Reported 11-07-1990
 : Falconbridge Ltd. Project name BET no. 147
 17 samples Shipped from COLIN Shipment no. 12

Page 1

Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Kb ppm	
1	VB09709	359.	20.	63.	20.	21.	222.	20.	83.	20.
2	VB09710	3034.	40.	63.	20.	23.	295.	20.	87.	20.
3	VB09711	2297.	22.	88.	20.	21.	230.	20.	82.	20.
4	VB09712	612.	22.	78.	20.	20.	177.	20.	161.	20.
5	VB09713	578.	20.	66.	20.	20.	191.	20.	102.	20.
6	VB09714	888.	20.	89.	20.	54.	215.	20.	109.	20.
7	VB09715	1311.	24.	61.	20.	67.	437.	20.	155.	22.
8	VB09716	1520.	25.	42.	20.	49.	274.	20.	84.	20.
9	VB09717	2134.	24.	45.	20.	101.	246.	23.	164.	20.
10	VB09718	1544.	24.	55.	20.	163.	101.	37.	228.	20.
11	VB09719	1662.	21.	57.	20.	143.	158.	39.	229.	20.
12	VB09720	1945.	20.	48.	20.	170.	144.	41.	235.	20.
13	VB09721	1674.	30.	49.	20.	171.	99.	43.	235.	20.
14	VB09722	1651.	26.	57.	20.	158.	102.	43.	227.	20.
15	VB09723	1614.	27.	90.	20.	153.	95.	26.	241.	20.
16	VB09724	1558.	24.	44.	20.	145.	95.	37.	250.	20.
17	VB09725	594.	20.	88.	20.	170.	121.	34.	177.	20.

Certified by



 Chemist, X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-165 Reported 11-07-1990
 : Falconbridge Ltd. Project name BET/VICTORIA no. 147/146
 60 samples Shipped from DOUG Shipment no. 11

Page 1

Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total	
	%	%	%	%	%	%	%	%	%	%	%	%	
1	VB09694	36.70	1.25	0.05	22.37	4.75	0.90	0.03	3.10	0.20	6.14	29.43	99.02
2	VB09695	6.17	1.93	0.06	52.61	13.76	4.23	1.35	6.08	0.44	0.12	12.92	99.60
3	VB09696	1.78	3.70	0.08	65.15	16.49	3.07	0.25	3.44	0.56	0.37	5.57	100.16
4	VB09697	1.82	2.96	0.08	62.74	15.67	4.92	0.08	6.17	0.52	0.08	6.16	100.22
5	VB09698	0.52	2.32	0.07	63.89	14.57	6.78	0.02	6.24	0.50	0.05	5.20	100.19
6	VB09699	1.86	2.72	0.07	61.04	14.16	5.72	0.05	6.73	0.48	0.13	6.97	99.93
7	VB09700	1.11	2.44	0.07	69.76	9.64	1.36	0.07	8.42	0.49	0.08	6.61	100.05
8	VB09701	1.36	0.23	0.09	67.60	15.03	0.56	7.94	3.56	0.28	0.05	3.51	100.21
9	VB09702	3.36	3.21	0.05	60.22	15.79	2.46	1.97	4.36	0.43	0.09	7.11	99.85
10	VB09703	2.18	2.86	0.05	58.33	15.05	5.79	0.75	5.14	0.42	0.12	9.58	100.27
11	VB09704	3.02	2.09	0.06	61.65	15.36	4.05	2.53	4.10	0.42	0.12	6.66	100.07
12	VB09705	1.24	2.08	0.06	60.97	15.36	6.69	1.19	5.03	0.47	0.07	6.33	100.10
13	VB09706	2.90	3.21	0.06	58.93	15.92	4.33	0.44	5.23	0.47	0.09	7.49	99.97
14	VB09707	5.99	1.92	0.04	55.60	23.98	3.31	2.09	5.20	0.37	0.08	11.34	99.93
15	VB09708	1.38	4.25	0.16	71.10	14.68	0.87	3.04	3.48	0.43	0.07	0.67	100.13
16	VAL4270	1.67	3.35	0.07	68.56	26.29	0.39	1.27	4.01	0.40	0.01	3.75	99.88
17	VAL4271	4.96	3.31	0.06	64.50	14.70	0.38	1.79	4.01	0.37	0.04	6.64	100.10
18	VAL4272	3.50	2.46	0.27	59.70	26.50	1.51	4.82	4.51	0.51	0.10	6.25	100.23
19	VAL4273	2.07	0.13	0.11	54.11	14.92	3.14	8.35	7.39	0.84	0.07	8.30	99.43
20	VB09651	3.55	1.50	0.06	60.09	15.75	5.16	3.22	6.02	0.49	0.07	4.34	100.25
21	VB09652	5.70	4.05	0.08	49.80	19.62	4.39	2.58	5.36	0.61	0.08	7.36	99.64
22	VB09653	1.96	3.56	0.07	53.85	18.84	3.61	3.04	7.89	0.58	0.05	6.35	99.80
23	VB09654	4.39	3.61	0.06	59.85	14.89	2.68	0.32	5.92	0.46	0.09	7.38	99.63
24	VB09655	3.73	2.19	0.08	60.38	17.20	2.72	3.15	4.62	0.54	0.06	5.02	99.76
25	VB09656	1.46	2.14	0.09	58.40	20.04	2.89	5.09	5.59	0.63	0.03	3.95	100.32
26	VB09657	0.95	4.65	0.07	62.07	17.56	0.85	0.45	6.43	0.52	0.02	6.07	99.85
27	VB09658	1.61	4.37	0.06	53.45	19.62	1.69	1.35	9.20	0.61	0.03	7.71	99.91
28	VB09659	1.55	3.57	0.07	61.25	16.42	5.17	0.67	5.33	0.51	0.11	5.56	100.11
29	VB09660	0.30	3.26	0.07	58.13	17.25	6.23	0.10	7.77	0.56	0.10	6.58	100.35
30	VB09661	0.46	2.95	0.04	72.53	11.15	0.35	0.01	5.97	0.37	0.03	4.44	98.31
31	VB09662	0.52	2.56	0.06	66.36	14.30	4.39	0.01	6.64	0.45	0.14	4.66	100.10
32	VB09663	0.63	2.97	0.07	63.91	15.32	4.60	0.01	6.51	0.46	0.15	5.41	100.10
33	VB09664	0.65	3.55	0.06	61.40	16.65	5.08	0.06	6.38	0.47	0.17	5.50	100.01
34	VB09665	0.24	1.05	0.05	65.85	12.18	8.65	0.01	7.07	0.43	0.26	4.86	100.06
35	VB09666	1.37	1.91	0.07	57.14	14.83	7.79	0.01	9.13	0.48	0.38	6.08	99.19
36	VB09667	0.20	1.97	0.05	66.97	12.93	6.25	0.01	6.53	0.41	0.19	4.51	100.02
37	VB09668	0.51	3.77	0.07	63.17	15.40	4.17	0.27	6.58	0.51	0.11	5.49	100.06
38	VB09669	0.99	3.86	0.05	62.41	15.68	3.36	0.09	6.03	0.46	0.07	6.99	100.26
39	VB09670	5.53	3.62	0.06	53.02	15.27	5.66	0.22	6.12	0.39	0.23	6.21	98.33
40	VB09671	1.57	2.41	0.06	65.03	15.64	3.86	2.90	4.60	0.43	0.05	3.37	99.92
41	VB09672	6.92	3.23	0.06	58.68	15.15	3.19	0.63	5.37	0.41	0.10	6.16	99.90
42	VB09673	1.41	4.23	0.17	60.97	14.62	0.86	3.10	3.45	0.43	0.08	0.68	100.00
43	VB09676	0.62	2.32	0.06	63.77	14.37	5.16	0.01	8.39	0.44	0.15	4.82	100.11
44	VB09677	0.38	2.91	0.04	70.32	14.04	2.54	0.02	5.64	0.41	0.09	3.67	100.06
45	VB09678	3.39	2.72	0.05	65.75	14.75	4.17	0.01	7.33	0.43	0.15	4.30	100.10
46	VB09679	0.61	3.08	0.05	66.62	15.49	3.73	0.09	6.03	0.46	0.13	3.96	100.26
47	VB09680	2.41	3.25	0.06	62.27	16.29	4.66	0.13	6.30	0.50	0.29	3.98	100.14
48	VB09681	3.72	3.18	0.05	55.81	14.66	4.66	0.09	9.64	0.44	0.26	6.30	98.82
49	VB09682	1.15	2.94	0.08	55.35	18.29	8.55	0.07	6.70	0.61	0.12	6.40	100.27
50	VB09683	1.78	3.25	0.09	58.77	16.31	5.66	0.08	7.29	0.52	0.11	5.78	99.64

XRF - Analysis

From : Cominco Lab. Job no. X90-165 Reported 11-07-1990
 Location : Falconbridge Ltd. Project name BET/VICTORIA no. 147/146
 60 samples Shipped from DOUG Shipment no. 11

Page 2

Field number	CaO %	K ₂ O %	P ₂ O ₅ %	SiO ₂ %	Al ₂ O ₃ %	MgO %	Na ₂ O %	Fe ₂ O ₃ %	TiO ₂ %	MnO %	LOI %	Total %
51 V809684	3.74	3.11	0.05	64.43	15.58	4.50	0.14	5.43	0.41	0.15	2.59	100.23
52 V809685	3.14	2.30	0.05	64.12	15.17	4.07	1.96	5.54	0.41	0.15	3.22	100.13
53 V809686	2.90	2.09	0.05	65.18	15.26	3.62	2.69	4.87	0.38	0.09	3.10	100.26
54 V809687	4.51	2.82	0.05	61.01	15.61	3.10	2.62	5.54	0.42	0.21	4.17	99.96
55 V809688	6.16	2.56	0.05	58.66	15.01	2.85	1.68	5.53	0.42	0.09	7.75	99.56
56 V809689	6.34	2.13	0.06	53.97	15.45	2.85	0.01	4.98	0.43	0.16	13.35	99.68
57 V809690	5.66	3.47	0.05	59.68	15.39	2.62	1.16	5.45	0.42	0.08	5.61	99.55
58 V809691	4.79	2.54	0.05	60.42	15.49	2.63	1.52	5.20	0.42	0.07	6.83	99.97
59 V809692	5.24	2.71	0.05	60.23	15.31	2.31	0.96	5.51	0.40	0.09	6.39	99.80
60 V809693	2.58	1.76	0.06	52.94	15.39	3.61	0.54	5.84	0.47	0.38	5.13	98.50

XRF - Analysis

From : Cominco Lab. Job no. X90-165 Reported 11-09-1990
 Co : Falconbridge Ltd. Project name BET/VICTORIA no. 147/146
 60 samples Shipped from DOUG Shipment no. 11

Page 1

Field number	Ba ppm	Ca ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm	
1	VBC9694	170.	150.	154.	20.	38.	805.	39.	117.	20.
2	VBC9695	739.	20.	68.	20.	56.	154.	20.	80.	20.
3	VBC9696	1219.	23.	159.	20.	101.	74.	20.	99.	20.
4	VBC9697	843.	80.	165.	20.	93.	76.	20.	90.	20.
5	VBC9698	711.	74.	123.	20.	64.	42.	20.	77.	20.
6	VBC9699	648.	73.	918.	20.	65.	57.	20.	103.	20.
7	VBC9700	644.	390.	869.	21.	68.	53.	25.	180.	20.
8	VBC9701	82.	20.	20.	20.	20.	283.	20.	207.	29.
9	VBC9702	1081.	20.	98.	20.	96.	98.	20.	93.	20.
10	VBC9703	867.	53.	340.	20.	90.	82.	20.	77.	20.
11	VBC9704	533.	20.	66.	20.	55.	86.	20.	84.	20.
12	VBC9705	557.	20.	171.	20.	50.	57.	23.	86.	20.
13	VBC9706	818.	22.	46.	20.	84.	55.	21.	97.	20.
14	VBC9707	475.	32.	34.	20.	54.	137.	20.	88.	20.
15	VBC9708	624.	20.	85.	20.	182.	118.	32.	167.	22.
16	VAl4276	805.	20.	36.	20.	109.	77.	20.	110.	20.
17	VAl4271	957.	20.	39.	20.	85.	105.	20.	93.	20.
18	VAl4272	801.	34.	97.	20.	98.	258.	54.	430.	24.
19	VAl4273	37.	36.	55.	54.	20.	338.	23.	169.	20.
20	VBC9651	428.	20.	61.	20.	32.	118.	20.	90.	20.
21	VBC9652	976.	62.	72.	20.	95.	217.	20.	136.	23.
22	VBC9653	983.	20.	94.	20.	78.	169.	20.	111.	20.
23	VBC9654	729.	20.	131.	20.	94.	177.	20.	93.	20.
24	VBC9655	729.	20.	49.	20.	47.	220.	20.	110.	20.
25	VBC9656	866.	20.	52.	20.	45.	133.	20.	104.	20.
26	VBC9657	1269.	24.	53.	20.	107.	94.	20.	93.	20.
27	VBC9658	1141.	31.	52.	20.	113.	210.	20.	111.	20.
28	VBC9659	1077.	20.	101.	20.	80.	119.	20.	89.	20.
29	VBC9660	908.	50.	544.	20.	78.	49.	20.	73.	20.
30	VBC9661	953.	1340.	5800.	20.	94.	42.	20.	75.	20.
31	VBC9662	887.	228.	247.	20.	69.	42.	20.	69.	20.
32	VBC9663	1055.	34.	190.	20.	87.	51.	20.	73.	20.
33	VBC9664	1134.	31.	607.	20.	110.	53.	20.	75.	20.
34	VBC9665	345.	20.	374.	20.	32.	20.	20.	64.	20.
35	VBC9666	688.	176.	3490.	20.	61.	36.	20.	89.	20.
36	VBC9667	696.	105.	845.	20.	58.	32.	20.	78.	20.
37	VBC9668	1265.	77.	150.	20.	103.	49.	20.	94.	20.
38	VBC9669	1266.	47.	169.	20.	105.	79.	20.	81.	20.
39	VBC9670	1234.	41.	177.	20.	94.	108.	20.	83.	20.
40	VBC9671	735.	23.	65.	20.	81.	112.	20.	83.	20.
41	VBC9672	459.	27.	47.	20.	62.	172.	20.	94.	20.
42	VBC9673	585.	20.	82.	20.	184.	123.	19.	162.	20.
43	VBC9674	890.	145.	534.	20.	56.	31.	21.	85.	20.
44	VBC9677	1257.	172.	376.	20.	79.	39.	20.	78.	20.
45	VBC9678	1120.	105.	427.	20.	76.	33.	20.	92.	20.
46	VBC9679	1175.	62.	806.	20.	88.	46.	20.	85.	20.
47	VBC9680	1230.	40.	683.	20.	90.	58.	26.	66.	20.
48	VBC9681	1250.	54.	1030.	20.	77.	55.	20.	75.	20.
49	VBC9682	1333.	27.	204.	20.	78.	60.	20.	95.	20.
50	VBC9683	1251.	23.	121.	20.	80.	64.	20.	90.	20.

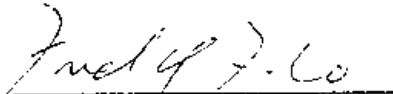
XRF - Analysis

From : Cominco Lab. Job no. X90-165 Reported 11-09-1990
 To : Falconbridge Ltd. Project name BET/VICTORIA no. 147/146
 60 samples Shipped from DOUG Shipment no. 11

Page 2

Field number	Fe	Cu	Zn	Ni	Pb	Sc	Y	Zr	Nb
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
51 VBO9684	1139.	23.	164.	20.	77.	100.	20.	34.	28.
52 VBO9685	1118.	69.	260.	20.	53.	95.	20.	92.	26.
53 VBO9686	942.	24.	100.	20.	61.	99.	20.	105.	20.
54 VBO9687	961.	37.	48.	20.	75.	130.	20.	92.	20.
55 VBO9688	752.	63.	52.	20.	66.	143.	20.	99.	20.
56 VBO9689	334.	20.	32.	20.	59.	139.	20.	81.	20.
57 VBO9690	522.	56.	39.	20.	96.	164.	20.	97.	20.
58 VBO9691	581.	20.	42.	20.	66.	136.	20.	88.	20.
59 VBO9692	539.	20.	41.	20.	68.	123.	20.	91.	20.
60 VBO9693	814.	21.	40.	20.	79.	109.	20.	93.	20.

Certified by


Chemist, X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-168 Reported 11-07-1990
 Location : Falconbridge Ltd. Project name BIRK CREEK no. 605-147
 31 samples Shipped from VANDE Shipment no. 13

Page 1

Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total	
	%	%	%	%	%	%	%	%	%	%	%	%	
1	VB09726	5.44	2.72	0.07	56.86	15.71	3.53	3.20	5.42	0.54	0.07	6.30	99.86
2	VB09727	4.34	1.89	0.07	55.05	15.35	4.77	2.39	7.44	0.61	0.10	7.39	99.92
3	VB09728	8.27	3.40	0.06	57.13	14.57	1.44	0.65	4.44	0.43	0.11	8.72	99.23
4	VB09729	3.92	1.72	0.07	60.68	15.52	4.38	2.55	5.87	0.47	0.07	5.09	100.34
5	VB09730	3.86	2.02	0.06	59.54	16.31	4.58	2.58	6.11	0.45	0.10	4.48	100.14
6	VB09731	2.38	1.90	0.07	57.12	17.92	5.04	3.90	7.12	0.54	0.09	4.08	100.16
7	VB09732	0.72	3.18	0.05	61.52	17.87	0.54	3.75	6.92	0.52	0.02	5.23	100.33
8	VB09733	3.90	3.17	0.05	53.03	18.61	3.03	3.52	6.67	0.56	0.08	6.36	98.98
9	VB09734	2.82	2.42	0.07	57.93	16.66	4.91	2.44	6.17	0.51	0.10	5.73	99.76
10	VB09735	2.33	1.27	0.08	57.38	17.79	4.29	5.31	5.86	0.52	0.09	5.29	100.22
11	VB09736	3.66	1.78	0.09	56.58	17.71	4.14	3.15	5.52	0.57	0.07	4.58	99.84
12	VB09737	4.79	1.07	0.08	58.83	16.69	5.35	1.79	6.58	0.54	0.08	4.21	100.02
13	VB09738	5.68	1.96	0.08	58.44	17.04	3.51	1.76	5.11	0.55	0.06	5.17	99.36
14	VB09739	6.56	1.91	0.07	56.33	17.08	3.93	1.78	6.44	0.51	0.08	5.61	100.20
15	VB09740	1.94	3.81	0.06	58.63	19.26	1.64	0.97	6.78	0.52	0.04	6.19	99.85
16	VB09741	4.00	3.82	0.07	61.04	15.15	2.91	0.30	6.22	0.50	0.11	5.29	99.41
17	VB09742	0.58	5.37	0.07	45.30	20.32	1.54	0.44	15.21	0.64	0.04	10.47	99.99
18	VB09743	2.65	3.60	0.09	57.40	16.99	6.86	0.27	6.44	0.65	0.15	5.11	100.21
19	VB09744	5.55	2.90	0.05	57.40	16.40	5.19	0.74	6.27	0.58	0.12	4.33	99.62
20	VB09745	3.69	3.28	0.08	57.42	16.78	4.19	0.75	7.47	0.63	0.11	6.15	99.94
21	VB09746	6.49	2.41	0.08	56.69	15.42	3.32	1.62	6.11	0.58	0.11	5.82	98.65
22	VB09747	6.36	3.33	0.07	55.42	15.47	3.27	0.70	4.86	0.56	0.16	8.41	98.61
23	VB09748	3.32	3.57	0.07	53.20	15.38	3.84	0.33	7.02	0.52	0.10	5.80	99.15
24	VB09749	2.69	4.07	0.05	61.10	15.18	2.62	0.11	6.30	0.40	0.18	6.33	99.03
25	VB09750	3.00	3.73	0.05	60.88	15.79	3.95	0.33	5.86	0.44	0.10	4.92	99.06
26	VB09751	4.73	3.54	0.05	62.09	16.12	2.75	2.04	3.66	0.42	0.06	4.97	99.64
27	VB09752	5.01	3.62	0.06	58.79	16.77	2.50	1.85	4.89	0.47	0.09	5.44	99.69
28	VB09753	6.24	2.62	0.05	61.91	15.18	2.65	1.34	4.53	0.41	0.10	4.34	100.00
29	VB09754	6.32	2.40	0.05	60.72	14.45	3.58	1.20	5.25	0.40	0.11	5.08	99.59
30	VB09755	7.82	3.62	0.05	52.21	16.14	4.09	1.02	5.83	0.45	0.16	8.38	99.77
31	VB09756	6.92	3.77	0.05	57.22	14.83	3.55	0.23	5.46	0.39	0.11	7.44	99.97

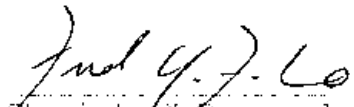
XRF - Analysis

From : Cominco Lab. Job no. X90-148 Reported 11-14-1990
 To : Falconbridge Ltd. Project name BIRK CREEK no. 605-147
 31 samples Shipped from VANOE Shipment no. 13

Page 1

Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Pb ppm	Sr ppm	V ppm	Zr ppm	Hb ppm	
1	VB09726	688.	25.	69.	20.	76.	168.	20.	112.	20.
2	VB09727	672.	24.	77.	20.	45.	131.	20.	85.	22.
3	VB09728	664.	26.	31.	20.	72.	159.	20.	84.	20.
4	VB09729	401.	29.	46.	20.	32.	101.	20.	88.	20.
5	VB09730	642.	20.	56.	20.	45.	114.	20.	72.	20.
6	VB09731	632.	20.	82.	20.	45.	146.	20.	105.	20.
7	VB09732	914.	22.	106.	20.	72.	152.	20.	107.	20.
8	VB09733	662.	21.	59.	20.	65.	170.	20.	103.	20.
9	VB09734	808.	24.	125.	20.	38.	100.	20.	93.	20.
10	VB09735	443.	20.	71.	20.	35.	164.	27.	138.	20.
11	VB09736	712.	20.	35.	20.	40.	157.	20.	124.	20.
12	VB09737	401.	20.	55.	20.	22.	252.	21.	109.	20.
13	VB09738	655.	32.	42.	20.	57.	267.	20.	99.	20.
14	VB09739	267.	39.	62.	20.	47.	225.	20.	105.	20.
15	VB09740	1281.	30.	83.	20.	94.	169.	20.	95.	20.
16	VB09741	916.	32.	48.	20.	97.	145.	20.	93.	20.
17	VB09742	1759.	1250.	104.	20.	143.	100.	20.	84.	20.
18	VB09743	918.	20.	80.	20.	96.	116.	20.	109.	20.
19	VB09744	663.	27.	74.	20.	85.	172.	20.	102.	20.
20	VB09745	272.	20.	124.	20.	82.	176.	20.	98.	20.
21	VB09746	565.	22.	46.	20.	59.	161.	20.	111.	20.
22	VB09747	722.	20.	20.	20.	80.	144.	20.	108.	20.
23	VB09748	923.	58.	589.	20.	90.	92.	20.	91.	20.
24	VB09749	1189.	40.	526.	20.	97.	88.	20.	103.	20.
25	VB09750	1051.	41.	135.	20.	92.	118.	20.	79.	20.
26	VB09751	947.	20.	25.	20.	84.	198.	20.	94.	20.
27	VB09752	984.	31.	43.	20.	98.	144.	20.	85.	20.
28	VB09753	391.	20.	94.	20.	45.	217.	20.	96.	21.
29	VB09754	261.	20.	34.	20.	64.	227.	20.	90.	20.
30	VB09755	403.	20.	34.	20.	96.	192.	20.	72.	20.
31	VB09756	585.	20.	20.	20.	107.	200.	20.	82.	20.

Certified by


 J. G. J. Co.
 Chemist & Key Analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-170 Reported 11-07-1990
 Location : Falconbridge Ltd. Project name VICTORIA no. 605-146
 17 samples Shipped from COLIN Shipment no. 14

Page 1

Field number	CaO	K ₂ O	P ₂ O ₅	SiO ₂	Al ₂ O ₃	MgO	Na ₂ O	Fe ₂ O ₃	TiO ₂	MnO	LOI	Total	
	%	%	%	%	%	%	%	%	%	%	%	%	
1	VB09757	0.87	1.85	0.07	65.69	13.79	7.32	0.91	4.48	6.39	0.13	4.90	100.31
2	VB09758	0.78	1.83	0.08	68.44	14.07	5.01	2.01	3.95	0.39	0.08	3.73	100.37
3	VB09759	0.68	2.06	0.08	68.15	14.65	3.90	2.43	4.23	0.41	0.08	3.36	100.03
4	VB09760	4.31	0.60	0.19	53.24	15.12	7.13	2.78	8.68	0.87	0.13	7.31	100.36
5	VB09761	5.87	4.31	0.09	53.37	16.00	3.40	0.01	5.85	6.69	0.16	7.87	98.22
6	VB09762	3.35	0.60	0.65	51.79	13.61	4.17	2.39	14.28	3.86	0.22	3.86	99.28
7	VB09763	10.09	0.01	0.52	41.29	9.66	8.58	0.01	13.41	2.67	0.27	8.50	95.01
8	VB09764	2.75	0.82	1.19	50.47	16.94	4.94	3.99	11.98	2.62	0.15	3.86	99.72
9	VB09765	3.14	0.42	0.27	50.67	14.87	6.36	2.03	14.61	1.10	0.18	5.21	99.06
10	VB09766	2.41	0.52	1.04	40.66	16.51	10.51	0.32	16.00	4.08	0.22	6.62	99.71
11	VB09767	3.34	2.76	0.10	64.49	16.21	0.94	1.75	3.37	0.34	0.08	6.04	99.43
12	VB09768	4.90	0.58	0.69	43.78	13.12	8.18	0.83	14.27	2.98	0.26	8.53	98.13
13	VB09769	8.27	0.67	0.49	37.55	12.35	6.04	0.51	11.90	2.28	0.25	15.40	97.71
14	VB09770	9.39	0.64	0.74	36.88	12.31	6.41	3.30	10.48	2.89	0.24	13.79	97.58
15	VB09771	9.25	0.19	0.54	37.40	11.74	8.54	1.54	11.41	2.91	0.26	14.67	98.45
16	VB09772	7.34	0.69	0.60	36.43	12.27	8.60	0.32	12.92	3.02	0.28	13.35	95.83
17	VB09773	7.90	0.19	0.84	41.61	14.58	6.75	2.31	11.28	3.52	0.26	8.78	98.52

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XRF - Analysis

From : Camingo Lab. Job no. X90-170 Reported 11-14-1990
 To : Falconbridge Ltd. Project name VICTORIA no. 605-146
 17 samples Shipped from COLIN Shipment no. 14

Page 1

	Field number	Ba ppm	Ca ppm	Co ppm	Ki ppm	Nb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm
1	VB09757	611.	20.	39.	20.	53.	66.	27.	199.	20.
2	VB09758	502.	20.	28.	20.	54.	58.	33.	225.	20.
3	VB09759	449.	40.	45.	20.	73.	70.	31.	210.	21.
4	VB09760	363.	20.	59.	20.	20.	139.	20.	130.	23.
5	VB09761	831.	62.	45.	39.	146.	222.	22.	172.	20.
6	VB09762	726.	272.	71.	123.	25.	140.	30.	295.	50.
7	VB09763	63.	185.	129.	201.	20.	229.	25.	249.	34.
8	VB09764	604.	249.	49.	20.	25.	141.	32.	327.	42.
9	VB09765	404.	248.	51.	27.	20.	113.	20.	97.	20.
10	VB09766	547.	216.	32.	89.	20.	93.	27.	321.	34.
11	VB09767	1455.	20.	48.	20.	85.	346.	20.	250.	24.
12	VB09768	650.	212.	151.	71.	20.	150.	23.	257.	52.
13	VB09769	1023.	216.	157.	142.	27.	177.	20.	149.	40.
14	VB09770	163.	44.	20.	47.	27.	337.	30.	291.	50.
15	VB09771	95.	105.	143.	81.	29.	241.	20.	234.	42.
16	VB09772	614.	107.	155.	76.	20.	194.	27.	246.	51.
17	VB09773	212.	42.	40.	47.	20.	222.	22.	259.	45.

Certified by

Jud G. J. Co

Chemist, X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-174 Reported 11-19-1990
 To : Falconbridge Ltd. Project name BET no. 605-147
 42 samples Shipped from COLIN Shipment no. #15
Page 1

Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total	
	%	%	%	%	%	%	%	%	%	%	%	%	
1	VB09774	5.42	2.49	0.06	63.63	14.81	0.96	2.03	3.32	0.38	0.03	6.13	99.26
2	VB09775	2.67	2.99	0.06	64.39	16.15	1.43	0.91	3.72	0.40	0.07	6.64	99.43
3	VB09776	2.24	3.15	0.06	63.12	17.46	1.36	0.99	4.25	0.45	0.07	6.39	99.55
4	VB09777	2.16	3.10	0.05	64.69	15.84	1.38	0.73	4.85	0.41	0.08	5.81	99.10
5	VB09778	4.66	3.24	0.05	55.91	15.17	3.14	0.37	6.60	0.37	0.16	8.85	98.53
6	VB09779	4.67	3.21	0.05	56.53	14.36	3.38	0.30	6.39	0.36	0.16	9.27	98.68
7	VB09780	0.38	3.71	0.04	72.19	14.07	0.45	0.03	4.53	0.37	0.01	4.34	100.13
8	VB09781	1.74	3.97	0.05	67.18	14.59	1.20	0.01	4.19	0.35	0.07	5.45	98.81
9	VB09782	0.48	4.03	0.04	67.91	14.88	0.46	0.01	5.86	0.38	0.01	5.24	99.30
10	VB09783	0.34	4.16	0.06	68.97	15.69	0.52	0.01	4.44	0.41	0.01	4.55	99.18
11	VB09784	0.23	3.45	0.04	71.12	13.15	0.42	0.06	6.16	0.31	0.01	4.92	99.88
12	VB09785	1.25	3.60	0.04	68.31	14.50	1.54	0.02	4.94	0.35	0.07	4.96	99.58
13	VB09786	1.49	3.63	0.04	66.78	14.35	2.11	0.01	5.07	0.34	0.07	5.50	99.40
14	VB09787	2.17	2.70	0.06	62.80	14.39	5.47	0.01	5.23	0.36	0.16	6.38	99.73
15	VB09788	2.96	2.98	0.05	61.99	12.74	3.51	0.01	6.62	0.31	0.18	7.38	98.73
16	VB09789	1.62	3.36	0.05	64.57	14.92	3.16	0.01	5.63	0.37	0.08	5.70	99.47
17	VB09790	6.07	2.33	0.05	60.37	14.02	2.85	1.12	4.58	0.34	0.13	7.38	99.24
18	VB09791	4.05	3.87	0.06	60.83	14.94	2.08	0.06	4.31	0.43	0.18	6.25	97.07
19	VB09792	5.92	2.96	0.07	60.27	14.95	2.33	0.54	4.62	0.43	0.11	6.59	98.80
20	VB09793	5.01	3.14	0.06	61.43	15.20	2.01	0.44	4.84	0.44	0.09	5.56	98.22
21	VB09794	5.41	2.44	0.06	59.62	15.43	2.36	1.58	5.25	0.45	0.10	7.15	99.86
22	VB09795	4.19	3.09	0.06	63.16	15.04	2.01	0.63	4.80	0.42	0.09	6.01	99.51
23	VB09796	6.05	1.96	0.07	57.48	15.47	2.46	3.13	5.45	0.46	0.10	6.99	99.62
24	VB09797	1.39	4.23	0.16	70.99	14.58	0.87	3.08	3.46	0.43	0.07	0.71	99.97
25	VB09798	0.47	2.80	0.07	55.04	17.23	7.22	1.82	8.39	0.52	0.11	6.57	100.26
26	VB09799	0.38	2.23	0.08	59.83	14.75	6.82	0.61	8.92	0.51	0.08	6.20	100.41
27	VB09800	1.00	3.83	0.06	67.46	15.27	2.26	0.07	4.57	0.51	0.05	4.67	99.76
28	VB09801	0.33	2.50	0.07	62.28	15.50	6.26	0.13	7.65	0.52	0.11	5.11	100.46
29	VB09802	1.26	2.65	0.07	63.15	13.76	4.07	0.22	7.84	0.46	0.11	5.88	99.47
30	VB09803	1.21	2.07	0.13	61.21	14.77	5.57	0.18	8.71	0.63	0.13	5.51	100.14
31	VB09804	3.87	2.68	0.07	58.65	15.22	3.91	3.52	5.27	0.51	0.15	7.56	99.41
32	VB09805	3.24	2.99	0.17	54.81	16.21	6.14	0.07	7.28	0.79	0.15	6.59	98.45
33	VB09806	2.21	1.34	0.08	55.00	17.02	8.68	2.75	6.77	0.52	0.06	5.98	100.42
34	VB09807	3.58	1.94	0.07	58.01	15.09	6.35	1.95	6.12	0.46	0.07	6.03	99.67
35	VB09808	2.47	3.15	0.07	60.61	15.72	5.30	1.70	4.82	0.47	0.05	5.54	99.90
36	VB09809	2.31	2.71	0.07	68.90	15.19	0.62	4.29	2.18	0.23	0.05	3.21	99.76
37	VB09810	4.07	2.22	0.06	58.28	16.14	3.71	3.00	5.76	0.47	0.06	5.81	99.58
38	VB09811	5.12	2.33	0.06	59.37	15.05	3.12	1.92	5.66	0.44	0.09	6.41	99.58
39	VB09812	5.92	3.03	0.06	56.81	15.30	3.03	0.97	5.67	0.44	0.10	7.69	99.02
40	VB09813	6.56	2.63	0.06	57.74	14.36	2.49	1.02	6.08	0.42	0.09	6.35	97.80
41	VB09814	3.91	2.51	0.06	58.74	14.49	4.80	0.52	5.84	0.43	0.07	7.88	99.26
42	VB09815	1.64	1.90	0.07	56.56	16.62	8.38	0.56	5.90	0.62	0.09	7.23	99.57

XRF - Analysis

From : Cominco Lab. Job no. X90-174 Reported 11-19-1990
 To : Falconbridge Ltd. Project name BET no. 605-147
 42 samples Shipped from COLIN Shipment no. #15

Page 1

Field number	Ba ppm	Cu ppm	Zn ppm	Ki ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Kb ppm	
1	VB09774	1095.	20.	36.	20.	64.	125.	20.	91.	20.
2	VB09775	1005.	20.	47.	20.	85.	198.	20.	113.	29.
3	VB09776	947.	23.	51.	20.	102.	195.	20.	109.	20.
4	VB09777	803.	20.	40.	20.	89.	151.	20.	103.	20.
5	VB09778	707.	20.	62.	20.	92.	127.	20.	103.	20.
6	VB09779	680.	24.	59.	20.	98.	116.	20.	94.	20.
7	VB09780	509.	32.	95.	20.	116.	43.	20.	77.	20.
8	VB09781	522.	20.	41.	20.	129.	60.	20.	88.	20.
9	VB09782	633.	38.	155.	20.	128.	43.	20.	84.	20.
10	VB09783	655.	31.	58.	20.	137.	50.	20.	94.	20.
11	VB09784	641.	51.	381.	20.	104.	39.	20.	94.	20.
12	VB09785	719.	20.	54.	20.	111.	59.	20.	76.	20.
13	VB09786	773.	22.	166.	20.	120.	74.	23.	81.	20.
14	VB09787	506.	25.	106.	20.	81.	52.	20.	70.	20.
15	VB09788	482.	43.	244.	20.	92.	75.	20.	63.	20.
16	VB09789	542.	46.	71.	20.	114.	80.	20.	73.	20.
17	VB09790	471.	20.	29.	20.	77.	111.	20.	100.	21.
18	VB09791	608.	20.	57.	20.	101.	97.	20.	102.	20.
19	VB09792	609.	22.	35.	20.	84.	147.	20.	111.	20.
20	VB09793	681.	20.	46.	20.	84.	145.	20.	98.	20.
21	VB09794	563.	21.	36.	20.	77.	146.	20.	105.	20.
22	VB09795	681.	27.	53.	20.	86.	139.	20.	91.	20.
23	VB09796	642.	40.	49.	20.	56.	184.	20.	116.	20.
24	VB09797	573.	20.	84.	20.	182.	117.	27.	162.	20.
25	VB09798	590.	697.	338.	20.	99.	70.	20.	110.	20.
26	VB09799	643.	206.	164.	20.	63.	40.	20.	86.	20.
27	VB09800	1171.	133.	302.	20.	121.	72.	20.	67.	20.
28	VB09801	750.	125.	127.	20.	76.	41.	20.	87.	20.
29	VB09802	920.	262.	1620.	20.	79.	64.	20.	89.	20.
30	VB09803	779.	167.	113.	34.	63.	65.	20.	118.	20.
31	VB09804	881.	20.	42.	20.	81.	104.	20.	94.	20.
32	VB09805	1051.	22.	55.	20.	77.	87.	20.	123.	20.
33	VB09806	584.	20.	23.	20.	31.	84.	20.	97.	20.
34	VB09807	1097.	37.	23.	20.	54.	122.	20.	98.	20.
35	VB09808	1525.	20.	20.	20.	86.	108.	20.	100.	20.
36	VB09809	1329.	20.	20.	20.	127.	525.	20.	132.	22.
37	VB09810	684.	20.	31.	20.	75.	143.	20.	98.	20.
38	VB09811	556.	20.	28.	20.	58.	146.	20.	102.	20.
39	VB09812	704.	20.	32.	20.	76.	154.	20.	88.	20.
40	VB09813	301.	20.	20.	20.	71.	157.	20.	77.	20.
41	VB09814	457.	20.	34.	20.	72.	116.	20.	91.	20.
42	VB09815	344.	20.	20.	20.	64.	111.	20.	110.	29.

Certified by

Judith J. Lo

 Chemist, X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-175 Reported 11-19-1990
 To : Falconbridge Ltd. Project name BET no. 147
 11 samples Shipped from COLIN Shipment no. 16

Page 1

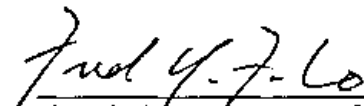
	Field number	CaO	K2O	P2O5	SiO2	Al2O3	HgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total
		%	%	%	%	%	%	%	%	%	%	%	%
1	VA11891	3.52	2.70	0.06	62.95	15.79	1.09	3.30	5.01	0.41	0.10	4.76	99.69
2	VA11893	0.27	3.18	0.05	67.30	18.44	0.50	5.44	2.56	0.47	0.08	1.97	100.26
3	VB09816	1.59	3.70	0.07	63.71	16.39	2.72	0.14	5.03	0.54	0.05	5.51	99.45
4	VB09817	1.50	3.62	0.07	64.47	15.88	2.58	0.16	4.77	0.55	0.05	5.35	99.00
5	VB09818	1.49	3.43	0.06	67.28	14.46	2.11	0.10	4.34	0.50	0.06	5.03	98.87
6	VB09819	4.35	2.58	0.06	56.84	12.47	4.98	0.01	6.14	0.42	0.18	7.69	95.72
7	VB09820	1.55	2.55	0.06	62.47	14.04	4.66	0.01	7.12	0.49	0.07	5.88	98.90
8	VB09821	1.03	2.79	0.08	59.74	15.91	5.33	0.01	7.64	0.55	0.08	5.64	98.80
9	VB09822	0.85	2.87	0.07	63.02	15.39	4.34	0.01	7.41	0.52	0.07	5.09	99.64
10	VB09674	3.43	2.17	0.06	65.37	15.71	0.29	1.20	4.64	0.38	0.01	4.90	98.16
11	VB09675	5.60	3.81	0.05	62.26	15.29	0.70	0.15	2.76	0.36	0.04	7.19	98.21

XRF - Analysis

From : Cominco Lab. Job no. X90-175 Reported 11-19-1990
 To : Falconbridge Ltd. Project name BET no. 147
 11 samples shipped from COLIN Shipment no. 16

Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Hf ppm	
1	VA11891	1005.	20.	35.	20.	84.	133.	20.	85.	20.
2	VA11893	2983.	20.	20.	20.	93.	89.	20.	99.	20.
3	VB09816	1248.	54.	120.	20.	111.	79.	20.	100.	22.
4	VB09817	1178.	86.	599.	20.	109.	78.	20.	87.	20.
5	VB09818	1142.	560.	514.	20.	109.	72.	20.	89.	20.
6	VB09819	730.	1080.	11000.	20.	70.	84.	20.	86.	21.
7	VB09820	735.	211.	307.	20.	74.	58.	20.	82.	20.
8	VB09821	810.	174.	179.	20.	83.	50.	20.	99.	20.
9	VB09822	848.	122.	248.	20.	72.	54.	20.	93.	20.
10	VB09674	785.	20.	84.	20.	69.	251.	20.	112.	20.
11	VB09675	1270.	20.	86.	20.	122.	211.	20.	121.	20.

Certified by


Chemist, X-Ray analyst.

XRF - Analysis

From : Cominco Lab. Job no. X90-176 Reported 11-19-1990
 To : Falconbridge Ltd. Project name VICTORIA no. 146
 14 samples Shipped from DOUG Shipment no. 16

Page 1

Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	Fe2O3	TiO2	MnO	LOI	Total
1 VB09823	1.26	3.22	0.06	56.83	15.85	5.70	0.25	7.75	0.48	0.11	7.01	98.52
2 VB09824	0.45	3.52	0.07	52.39	19.32	5.83	0.13	10.05	0.61	0.11	6.81	99.29
3 VB09825	0.51	2.55	0.07	58.18	16.51	7.44	0.01	7.88	0.50	0.13	6.07	99.85
4 VB09826	0.42	3.62	0.06	57.82	18.03	6.35	0.01	6.69	0.56	0.11	5.97	99.64
5 VB09827	0.98	3.20	0.04	69.41	13.23	1.12	0.01	5.59	0.42	0.06	5.53	99.59
6 VB09828	0.49	2.86	0.07	59.72	16.08	6.36	0.01	7.36	0.52	0.19	6.06	99.72
7 VB09829	0.30	3.45	0.06	60.10	17.11	5.03	0.01	7.22	0.52	0.10	5.71	99.62
8 VB09830	0.61	2.58	0.05	58.63	15.22	7.44	0.01	7.47	0.44	0.23	6.17	98.85
9 VB09831	0.48	2.42	0.04	64.15	14.28	6.19	0.01	6.23	0.44	0.17	5.28	99.69
10 VB09832	0.62	2.46	0.06	63.58	14.44	5.76	0.01	6.72	0.47	0.20	5.60	99.92
11 VB09833	0.25	1.12	0.06	56.25	14.62	10.51	0.01	9.60	0.47	0.31	6.23	99.44
12 VB09834	0.27	1.93	0.06	65.93	13.04	6.88	0.01	6.35	0.43	0.25	4.65	99.80
13 VB09835	0.20	1.29	0.06	67.26	12.09	7.73	0.01	6.20	0.41	0.24	4.54	100.03
14 VB09836	1.42	4.25	0.19	71.01	14.54	0.88	3.28	1.48	0.45	0.07	0.66	100.24

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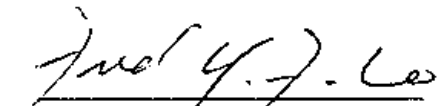
XRF - Analysis

From : Cominco Lab. Job no. X90-176 Reported 11-19-1990
 To : Falconbridge Ltd. Project name VICTORIA no. 146
 14 samples Shipped from DOUG Shipment no. 16

Page 1

Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm	
1	VB09823	1094.	81.	1550.	20.	81.	98.	20.	98.	20.
2	VB09824	1103.	1910 ✓	195.	20.	87.	68.	20.	123.	20.
3	VB09825	794.	56.	116.	20.	69.	40.	20.	92.	20.
4	VB09826	925.	24.	508.	20.	98.	32.	20.	89.	20.
5	VB09827	1042.	55.	57.	20.	98.	51.	20.	80.	20.
6	VB09828	1112.	59.	1740.	20.	88.	37.	20.	93.	20.
7	VB09829	1217.	54.	886.	20.	108.	36.	20.	89.	20.
8	VB09830	842.	38.	735.	20.	90.	27.	20.	79.	20.
9	VB09831	785.	26.	518.	20.	82.	22.	20.	80.	20.
10	VB09832	822.	330.	1110.	20.	72.	23.	20.	86.	23.
11	VB09833	365.	410.	2700.	20.	42.	20.	20.	80.	20.
12	VB09834	626.	21.	188.	20.	57.	20.	20.	76.	20.
13	VB09835	444.	20.	225.	20.	43.	20.	20.	70.	20.
14	VB09836	573.	20.	86.	20.	190.	123.	27.	167.	23.

Certified by


 Chemist X-Ray analyst.

XRF - Analysis

In computer
Dec 12/90

From : Cominco Lab. Job no. X90-195 Reported 11-29-1990
To : Falconbridge Ltd. Project name BET no. 147
1 samples Shipped from COLIN Shipment no.

Page 1

Field number	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Ka2O	Fe2O3	TiO2	MnO	LOI	Total	
1	VB09837	26.74	0.06	0.01	4.58	0.73	14.97	0.01	7.56	0.02	1.47	35.62	91.67

Inhibitor

HEADER: VB09837 ✓

RECEIVED
DEC 6 1990

Falconbridge Limited

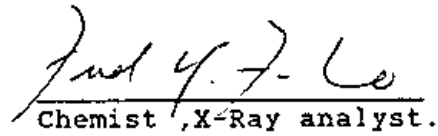
XRF - Analysis

From : Cominco Lab. Job no. X90-195 Reported 11-29-1990
To : Falconbridge Ltd. Project name BET no. 147
1 samples Shipped from COLIN Shipment no.

Page 1

Field number	Ba ppm	Cu ppm	Zn ppm	Ni ppm	Rb ppm	Sr ppm	Y ppm	Zr ppm	Nb ppm
1 V809837	13.	16000.	11100.	20.	20.	190.	23.	34.	20.

Certified by


Chemist, X-Ray analyst.

GEOCHEMICAL ANALYSIS CERTIFICATE

Falconbridge Limited PROJECT 146 FILE # 90-3805 Page 1
 202 - 856 Homer St., Vancouver BC V6B 2W2

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm
L 198 418+75	22	13	118	.2
L 198 419+00	11	9	130	.3
L 198 419+25	9	11	111	.3
L 198 419+50	22	9	93	.2
L 198 419+75	13	7	79	.2
L 198 420+00	14	9	99	.3
L 198 420+25	20	13	125	.4
L 198 420+50	9	13	126	.2
L 198 420+75	14	10	179	.2
L 198 421+00	9	11	168	.1
L 198 421+25	21	14	158	.1
L 198 421+50	13	20	185	.1
L 198 421+75	11	17	180	.2
L 198 422+00	24	26	273	.3
L 198 422+25	30	19	213	.1
L 198 422+50	15	9	126	.2
L 198 422+75	18	18	172	.1
L 198 423+00	24	22	250	.3
L 198 423+25	29	17	200	.1
L 198 423+50	31	26	213	.2
L 198 423+75	35	44	231	.5
L 198 424+00	47	21	239	.3
L 198 424+25	45	21	265	.3
L 198 424+50	29	25	240	.4
L 198 424+75	40	17	231	.1
L 198 425+00	47	20	221	.3
L 198 425+25	31	54	279	.2
L 198 425+50	68	16	130	.1
L 198 425+75	62	22	188	.2
L 198 426+00	97	39	257	.1
L 198 426+25	63	26	323	.3
L 198 426+50	143	92	240	.3
L 198 426+75	103	46	220	.3
L 198 427+00	140	55	222	.2
L 200 417+25	11	9	118	.1
L 200 417+50	7	7	51	.1
STANDARD C	59	36	131	6.9

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 IS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA Tl B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 SAMPLE TYPE: Soil -80 Mesh

SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm
L 200 417+75	29	15	92	.3
L 200 418+00	10	20	95	.4
L 200 418+25	46	18	67	.2
L 200 418+50	26	18	68	.2
L 200 418+75	19	17	94	.5
L 200 419+00	6	14	85	.4
L 200 419+25	19	17	88	.2
L 200 419+50	27	10	88	.3
L 200 419+75	29	23	137	.5
L 200 420+00	26	23	80	.4
L 200 420+25	11	13	61	.1
L 200 420+50	15	22	60	.3
L 200 420+75	28	14	65	.1
L 200 421+00	19	19	104	.2
L 200 421+25	30	14	66	.2
L 200 421+50	18	21	171	.5
L 200 421+75	16	18	142	.5
L 200 422+00	24	19	141	.2
L 200 422+25	14	14	165	.2
L 200 422+50	22	20	109	.2
L 200 422+75	22	13	114	.3
L 200 423+00	13	29	231	.2
L 200 423+25	23	30	206	.4
L 200 423+50	31	30	247	.3
L 200 423+75	24	28	225	.3
L 200 424+00	31	74	393	.2
L 200 424+25	47	41	478	.5
L 200 424+50	96	58	333	.4
L 200 424+75	97	58	319	.3
L 200 425+00	50	42	336	.2
L 200 425+25	30	297	303	.6
L 200 425+50	84	24	200	.2
L 200 425+75	87	38	314	.2
L 200 426+00	56	42	431	.2
L 200 426+25	97	69	478	.3
L 200 426+50	59	58	573	.4
STANDARD C	62	37	135	7.3

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm
L 200 426+75	87	95	588	.1
L 200 427+00	131	58	354	.1
L 200 427+25	107	57	413	.1
L 200 427+50	103	28	221	.1
L 200 427+75	116	42	297	.1
L 200 428+00	78	38	299	.2
L 202 416+75	18	16	52	.1
L 202 417+00	9	12	47	.1
L 202 417+25	28	13	83	.3
L 202 417+50	15	25	73	.1
L 202 417+75	16	17	65	.2
L 202 418+00	26	18	74	.2
L 202 418+25	38	17	108	.6
L 202 418+50	16	18	95	.2
L 202 418+75	24	20	74	.2
L 202 419+00	19	11	77	.3
L 202 419+25	9	9	111	.4
L 202 419+50	37	22	63	.1
L 202 419+75	26	10	80	.2
L 202 420+00	30	14	61	.1
L 202 420+25	9	11	57	.2
L 202 420+50	19	15	89	.2
L 202 420+75	21	9	75	.1
L 202 421+00	13	14	168	.4
L 202 421+25	11	17	113	.4
L 202 421+50	48	30	162	.3
L 202 421+75	31	22	225	.2
L 202 422+00	34	30	119	.2
L 202 422+25	40	24	173	.3
L 202 422+50	26	31	269	.3
L 202 422+75	23	17	237	.2
L 202 423+00	22	38	248	.3
L 202 423+25	38	41	311	.3
L 202 423+50	49	23	126	.1
L 202 423+75	53	52	457	.7
L 202 424+00	160	106	488	.6
STANDARD C	63	42	132	7.4

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm
L 202 424+25	26	50	552	.5
L 202 424+50	103	91	542	.5
L 202 424+75	74	46	616	.6
L 202 425+00	71	57	637	.6
L 202 425+25	88	69	550	.9
L 202 425+50	168	64	562	.4
L 202 425+75	231	113	632	.4
L 202 426+00	113	64	434	.3
L 202 426+25	142	111	568	.7
L 202 426+50	67	53	507	.9
L 202 426+75	137	43	398	.4
L 202 427+00	98	41	478	.6
L 202 427+25	119	66	489	.7
L 202 427+50	92	89	582	1.0
L 202 427+75	67	44	487	.7
L 202 428+00	17	31	403	.5
L 204 417+00	18	15	128	.7
L 204 417+25	12	10	116	.3
L 204 417+50	35	18	83	.3
L 204 417+75	33	12	86	.2
L 204 418+00	59	15	57	.2
L 204 418+25	30	14	56	.1
L 204 418+50	17	14	69	.2
L 204 418+75	15	13	88	.3
L 204 419+00	10	12	75	.2
L 204 419+25	24	22	77	.2
L 204 419+50	23	7	94	.2
L 204 419+75	45	14	53	.1
L 204 420+00	21	15	87	.2
L 204 420+25	19	12	115	.5
L 204 420+50	32	20	111	.5
L 204 420+75	41	20	121	.4
L 204 421+00	34	20	94	.3
L 204 421+25	9	19	84	.3
L 204 421+50	30	19	107	.1
L 204 421+75	15	17	177	.3
STANDARD C	62	43	130	7.2

SAMPLE#	Cu ppm	Pb ppm	Zn ppm	Ag ppm
L 204 422+00	6	17	116	.3
L 204 422+25	10	8	156	.2
L 204 422+50	13	15	270	.3
L 204 422+75	13	2	207	.1
L 204 423+00	19	19	399	.5
L 204 423+25	24	30	347	.5
L 204 423+50	63	24	408	.5
L 204 423+75	26	11	216	.2
L 204 424+00	30	23	276	.3
L 204 424+25	39	21	303	.2
L 204 424+50	69	51	526	.7
L 204 424+75	144	47	539	.1
L 204 425+00	43	51	1036	.6
L 204 425+25	99	76	1189	.8
L 204 425+50	29	68	1184	.5
L 204 425+75	32	107	1283	1.2
L 204 426+00	22	72	1292	.7
L 204 426+25	100	124	1460	.5
L 204 426+50	21	58	961	1.4
L 204 426+75	56	66	1272	.9
L 204 427+00	19	109	643	.4
STANDARD C	62	41	133	7.6

GEOCHEMICAL ANALYSIS CERTIFICATE

Falconbridge Limited PROJECT 147 File # 90-4560

202 - 856 Homer St., Vancouver BC V6B 2W2

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	¹³⁷ Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
SU 15201	1	24	25	97	1.0	13	8	263	3.87	19	5	ND	2	7	.2	2	3	20	.10	.079	9	9	.13	133	.05	2	1.74	.01	.04	1
SU 15202	2	45	38	40	.2	8	5	110	7.65	30	5	ND	9	2	.2	2	3	13	.02	.068	13	5	.06	25	.01	3	.71	.01	.03	1
SU 15203	2	32	41	39	.2	5	6	122	7.65	40	6	ND	6	3	.2	8	2	7	.04	.056	9	1	.04	21	.01	2	.50	.01	.03	1
SU 15204	3	62	39	72	.8	14	6	169	9.12	36	7	ND	8	4	.2	2	2	16	.04	.066	14	9	.11	26	.02	3	.64	.01	.03	1
SU 15205	2	25	26	88	.6	17	12	211	3.90	24	5	ND	3	7	.3	2	3	21	.09	.037	12	13	.26	104	.03	2	1.30	.01	.04	1
SU 15206	1	22	19	88	.5	17	11	248	2.98	18	5	ND	3	5	.3	2	2	17	.08	.048	12	10	.19	95	.04	2	1.49	.01	.04	1
SU 15207	2	38	26	35	.3	6	5	76	3.35	38	6	ND	4	3	.2	2	2	8	.04	.025	11	2	.07	34	.01	2	.44	.01	.04	1
SU 15208	1	18	29	160	1.0	14	11	343	2.77	18	5	ND	2	11	.5	2	4	29	.17	.069	7	13	.23	69	.08	3	2.12	.01	.04	1
SU 15209	1	35	40	97	1.1	15	13	568	3.63	32	5	ND	4	9	.2	2	2	18	.14	.051	10	11	.34	58	.03	2	1.25	.01	.04	1
SU 15210	2	47	32	96	.5	15	9	267	4.76	38	6	ND	6	6	.2	2	2	20	.08	.042	11	16	.39	67	.03	2	1.24	.01	.05	1
STANDARD C	19	61	38	132	7.3	72	31	1059	3.99	40	16	7	36	52	18.4	15	22	56	.53	.099	37	60	.90	180	.07	40	1.90	.06	.14	11

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: SOIL

DATE RECEIVED: SEP 18 1990 DATE REPORT MAILED: *Sept 24/90* SIGNED BY: *C. Long* J. D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS