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MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

CERTIFICATE OF ASSAY

COMPANY: CORP. FALCONBRIDGE COPPER

FILE: 5-818

PROJECT:

DATE: OCT. 18/85.

ATTENTION: HAROLD GIBSON

TYPE: ROCK ASSAY

We hereby certify that the following are assay results for samples submitted.

SAMPLE NUMBER	AG	AG	AU	AU	MO	CU	ZN
	G/TONNE	OZ/TON	G/TONNE	OZ/TON	%	%	%
3801	2.0	0.06	.04	0.001	.004	.060	.08

Certified by 

MIN-EN LABORATORIES LTD.

MIN-EN Laboratories Ltd.

OCT 23 1985

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project Date of report Oct. 21/85.
File No. 5-818 Date samples received Oct. 15/85.
Samples submitted by: Harold Gibson
Company: Corp. Falconbridge Copper
Report on: 12 rocks Geochem samples
.....
..... 1 Assay samples
.....

Copies sent to:

1. Corp. Falconbridge Copper, Delta, B.C.
2.
3.

Samples: Sieved to mesh Ground to mesh -80 rocks
-100 assay
Prepared samples stored discarded
rejects stored discarded rks.

Methods of analysis: major ICP. Cu, Zn-nitric, perchloric digestion. A.A.,
Assay Mo, Cu, ~~Pb~~ Zn, Ag-Acid digestion-chemical analysis. Au-fire.

Remarks:
.....
.....

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 5-818

ATTENTION: HAROLD GIBSON

(604)980-5814 DR (604)988-4524

* TYPE ROCK GEOCHEM *

DATE: OCT 21, 1985

(VALUES IN %)	AL2O3	BA	CAD	FE2O3	K2O	HGO	MNO2	NA2O	PB	SI02	TIO2	ZR
3685	14.51	.239	.63	5.16	6.83	1.98	.24	.15	.166	68.86	.70	.007
3686	14.32	.135	.38	6.39	5.71	3.35	.23	.09	.050	67.15	.65	.006
3687	20.34	.046	.29	8.38	4.69	6.81	.27	.38	.050	53.22	.94	.010
3688	17.72	.184	.52	6.85	5.35	3.02	.18	1.09	.044	60.70	.81	.008
3689	19.50	.043	.37	7.76	3.51	5.93	.26	1.71	.017	57.31	.85	.008
3690	11.93	.020	.20	2.16	2.57	2.51	.10	1.85	.044	75.35	.16	.012
3691	14.73	.025	.17	2.06	2.58	2.88	.08	2.75	.005	74.24	.21	.016
3692	14.97	.034	.35	2.86	2.74	3.69	.10	1.82	.009	72.03	.20	.018
3693	14.43	.049	.21	2.18	3.10	3.10	.07	2.63	.011	72.65	.19	.016
3694	13.88	.053	.22	2.46	3.52	3.24	.07	.83	.007	74.96	.21	.012
3695	15.09	.026	.25	3.97	2.84	3.43	.11	2.39	.006	66.39	.47	.012
3696	19.35	.024	.48	8.57	2.42	6.11	.27	3.51	.021	57.42	1.10	.008

COMPANY: CORP.FALCONBRIDGE COPPER

MIN-EN LABS ICP REPORT

(ACT:L126) PAGE 2 OF 2

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 5-818

ATTENTION: HAROLD GIBSON

(604)980-5814 DR (604)988-4524

* TYPE ROCK GEOCHEM * DATE: OCT 21, 1985

(VALUES IN %)	CU-PPM	ZN-PPM
3685	380	265
3686	320	215
3687	20	208
3688	50	264
3689	24	173
3690	8	92
3691	4	62
3692	4	74
3693	7	61
3694	40	52
3695	16	73
3696	12	150

AUG 15 1985

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

CERTIFICATE OF ASSAY

COMPANY: CORP.FALCONBRIDGE COPPER
PROJECT:
ATTENTION: HAROLD GIBSON

FILE: 5-487
DATE: AUGUST 14/85.
TYPE: ROCK ASSAY

We hereby certify that the following are assay results for samples submitted.

SAMPLE NUMBER	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	CU %	ZN %
IR-85-47	30.5	0.89	.05	0.001	12.520	.03

Certified by



MIN-EN LABORATORIES LTD.

MAY 24 1985

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE


COMPANY: CORP. FALCONBRIDGE COPPER
PROJECT:
ATTENTION: HAROLD GIBSON

FILE: 5-156/P1
DATE: MAY 20/85.
TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	ZN PPM
3326	960	43
27	720	91
28	600	30
29	72	56
30	288	30
31	690	700
32	364	95
33	1360	408
34	880	485
35	386	440
36	640	300
37	214	93
38	72	34
39	280	14
40	1280	415
41	1360	101
42	60	132
43	14	190
44	100	345
45	24	140
46	100	100
47	44	91
48	8	11
49	24	89
50	38	79
51	52	80
52	390	3800
53	16	94
54	33	120
3355	16	190

Certified by



MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: CORP. FALCONBRIDGE COPPER
PROJECT:
ATTENTION: HAROLD GIBSON

FILE: 5-156/P2
DATE: MAY 20/85.
TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	ZN PPM
3356	172	177
57	240	3200
58	284	213
59	232	210
60	520	190
61	34	200
62	360	70
63	188	60
64	388	244
65	420	170
66	640	162
67	1720	183
68	700	80
69	56	150
70	140	100
71	156	253
72	1600	270
73	27	254
74	16	290
75	12	219
76	35	208
77	48	159
78	7600	188
79	800	96
80	2440	102
81	52	100
82	132	70
83	1360	73
84	212	51
3385	18	55

Certified by



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705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: CORP. FALCONBRIDGE COPPER

FILE: 5-156/P3

PROJECT:

DATE: MAY 20/85.

ATTENTION: HAROLD GIBSON

TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 16 samples submitted.

SAMPLE NUMBER	CU PPM	ZN PPM
3386	8	83
87	1240	112
88	40	230
89	76	224
90	40	203
91	24	159
92	228	200
93	60	255
94	136	130
95	9	205
96	8	160
97	6	80
98	6	54
99	8	80
3400	7	61
3401	8	70

Certified by



PROJECT No:

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7W 1T2

FILE No: 5-156R/P1

ATTENTION: HAROLD GIBSON

(604)980-5814 OR (604)988-4524

TYPE ROCK GEDCHEM

DATE: MAY 21, 1985

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	PB	SI02	TIO2	ZR
3326	16.06	.070	.26	8.03	4.15	2.74	.07	.24	.020	67.05	.71	.010
3327	18.34	.050	.71	13.32	3.58	6.03	.20	.27	.030	52.56	1.16	.010
3328	13.67	.055	.24	13.73	3.89	1.65	.03	.17	.015	57.85	.63	.010
3329	13.41	.125	.84	2.05	5.02	.66	.11	3.55	.015	76.23	.23	.010
3330	19.96	.195	.39	9.06	5.56	1.38	.05	1.83	.030	112.65	.47	.020
3331	15.94	.045	1.94	9.52	1.78	5.30	.29	3.22	.035	61.91	.93	.010
3332	16.75	.070	1.34	5.35	2.60	2.18	.14	4.17	.025	73.87	.54	.020
3333	16.59	.040	3.80	12.71	1.10	5.68	.41	3.53	.030	55.35	1.40	<.005
3334	17.26	.090	1.41	11.63	1.92	13.76	.53	1.78	.035	51.22	.51	.010
3335	19.23	.130	2.65	6.91	3.47	8.03	.32	2.82	.020	53.80	.38	.010
3336	17.15	.130	1.63	7.24	4.18	7.40	.30	2.30	.035	60.19	.42	<.005
3337	15.23	.090	1.24	4.56	2.46	1.70	.12	4.24	.020	73.46	.64	.015
3338	13.49	.140	.85	1.92	3.20	.85	.09	4.72	.020	74.02	.21	<.005
3339	14.56	.080	.18	7.22	4.48	1.12	.03	.22	.020	72.19	.58	.015
3340	16.33	.075	1.54	10.93	2.25	7.66	.35	2.61	.025	56.24	.91	.010
3341	15.99	.075	.97	8.56	3.49	2.85	.13	2.19	.020	63.79	.76	.010
3342	18.67	.070	.63	5.77	3.31	4.12	.18	3.29	.030	60.63	.75	.010
3343	17.64	.025	.39	7.68	1.51	6.51	.21	3.46	.030	62.64	.88	.015
3344	19.07	.245	.42	7.76	7.09	3.84	.17	.66	.035	58.59	.87	.015
3345	18.35	.075	.34	6.44	4.88	4.96	.18	.05	.015	63.65	.84	.015
3346	18.39	.130	.55	6.37	5.01	2.75	.09	.87	.010	64.08	.82	.010
3347	20.06	.030	2.08	9.49	.45	6.06	.11	6.25	.020	58.51	1.11	.010
3348	16.89	.080	1.52	1.00	2.72	.28	.07	3.32	.010	74.12	.08	<.005
3349	17.96	.095	2.54	7.46	3.88	5.30	.17	2.26	<.005	57.78	.91	.010
3350	19.04	.075	2.60	7.13	2.05	4.01	.22	4.96	.010	61.35	.84	.010
3351	17.35	.025	2.32	7.00	.88	4.72	.23	4.89	.010	62.33	.83	.010
3352	12.02	.065	.24	2.00	2.56	1.00	.03	1.99	.105	67.50	.20	<.005
3353	11.00	.090	.29	1.96	2.21	.98	.04	2.67	.010	67.28	.17	<.005
3354	17.09	.020	.77	5.57	1.27	4.70	.21	4.78	.015	65.30	.69	.015
3355	11.82	.030	.54	1.74	1.47	1.91	.08	3.41	<.005	85.42	.21	<.005

PROJECT No:

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE No: 5-156R/P2

ATTENTION: HAROLD GIBSON

(604)980-5814 OR (604)988-4524

TYPE ROCK GEOCHEM

DATE: MAY 21, 1985

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	PB	SI02	TI02	ZR
3356	23.96	.080	.92	7.02	4.14	7.25	.28	3.37	.015	58.80	1.07	.010
3357	12.44	.085	.84	2.37	2.55	2.49	.10	1.93	.015	77.10	.24	.010
3358	16.48	.100	1.52	5.79	4.06	2.47	.16	2.12	.015	68.47	.55	.010
3359	17.41	.075	.63	3.70	3.50	1.20	.06	3.95	.020	72.34	.36	<.005
3360	14.10	.110	2.32	3.24	4.33	1.55	.16	2.56	.015	75.30	.48	.010
3361	12.12	.165	.46	1.81	5.01	.64	.07	2.63	.010	70.88	.20	.010
3362	15.78	.125	.39	6.00	3.93	1.67	.06	1.73	.010	70.89	.39	<.005
3363	12.75	.195	.77	2.03	3.74	1.00	.10	2.99	.010	76.30	.20	.010
3364	17.14	.055	1.69	10.20	2.83	4.50	.25	2.81	.020	62.70	.80	.010
3365	16.03	.055	1.77	12.75	2.15	3.93	.22	2.81	.025	62.95	1.06	.010
3366	18.41	.035	4.31	11.74	1.99	4.08	.25	3.25	.020	59.77	1.18	.010
3367	16.01	.040	2.17	15.67	2.50	5.40	.25	2.32	.020	59.72	1.32	<.005
3368	16.22	.065	1.84	8.16	2.54	2.60	.17	3.85	.015	66.25	.92	.010
3369	18.76	.210	.37	6.63	6.73	4.15	.21	.75	.015	66.94	.85	.015
3370	17.38	.275	.50	5.99	8.03	3.11	.15	.37	.020	71.17	.79	.010
3371	15.57	.030	.24	8.92	2.96	7.54	.37	.06	.020	65.69	.75	.010
3372	17.15	.025	.18	10.14	3.10	8.26	.43	.18	.015	65.43	.77	.010
3373	18.60	.300	.39	9.31	3.33	9.53	.34	.04	.020	63.78	.84	.010
3374	16.53	.045	.24	8.68	2.46	10.13	.36	.02	.015	57.97	.70	.010
3375	19.68	.060	.29	7.19	4.23	8.98	.28	.03	.015	58.33	.80	.010
3376	15.52	.095	.26	4.83	3.01	4.61	.23	1.82	.010	68.07	.55	.015
3377	15.43	.100	.22	6.00	2.98	5.41	.23	1.14	.010	68.69	.58	.015
3378	11.80	.070	.12	6.67	2.01	6.01	.28	.21	.015	73.88	.14	.015
3379	12.44	.150	.12	3.14	3.02	4.27	.15	.29	.010	80.30	.16	.015
3380	10.32	.540	.06	3.47	2.57	3.68	.13	.07	.010	72.68	.14	.010
3381	11.70	.080	.18	2.44	3.06	4.13	.11	.08	.010	74.77	.15	.015
3382	12.40	.145	.12	2.37	3.39	3.39	.09	.30	.010	74.30	.16	.015
3383	9.34	.135	.17	3.23	1.63	2.47	.09	1.64	.015	83.30	.11	.010
3384	12.57	.065	.13	1.98	2.48	2.34	.07	2.29	.010	80.96	.15	.015
3385	13.37	.065	.19	1.85	1.96	2.32	.09	3.36	.010	77.31	.16	.015

PROJECT No:

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE No: 5-156R/P3

ATTENTION: HAROLD GIBSON

(604)980-5814 DR (604)988-4524

TYPE ROCK GEDCHEM

DATE: MAY 21, 1985

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	PB	SIO2	TIO2	ZR
3386	13.32	.030	.10	2.10	2.43	3.11	.10	2.21	.010	78.55	.16	.015
3387	10.11	.035	.21	2.96	1.79	3.41	.13	.89	<.005	73.12	.12	.010
3388	18.84	.150	.42	8.17	2.79	6.83	.33	1.78	.010	58.01	.99	.010
3389	18.21	.025	.42	8.75	1.21	5.23	.43	4.82	.015	62.47	1.01	.010
3390	17.55	.020	.44	8.28	1.20	5.91	.37	4.30	.010	61.93	.90	.010
3391	20.13	.045	.61	7.95	2.46	4.68	.34	4.60	.015	65.20	1.02	.010
3392	19.57	.060	.57	8.63	2.71	6.10	.41	3.05	.010	69.41	1.04	.010
3393	16.67	.030	.27	8.11	2.42	8.65	.29	.17	.010	66.57	.79	.010
3394	17.46	.120	.28	5.13	4.25	4.85	.14	.02	<.005	66.31	.81	.010
3395	17.50	.040	.31	7.57	3.16	8.07	.25	<.01	.010	60.47	.83	.010
3396	18.27	.040	.67	7.36	3.81	7.15	.29	<.01	.015	64.84	.85	.010
3397	13.90	.035	.18	2.47	3.04	4.94	.10	.02	<.005	67.90	.18	.015
3398	13.60	.040	.09	2.28	3.05	4.55	.07	.03	.010	74.11	.18	.010
3399	13.34	.035	.09	2.76	2.70	5.15	.09	.02	<.005	74.00	.17	.010
3400	14.10	.045	.49	2.57	3.17	4.20	.09	.10	.010	72.51	.18	.010
3401	13.93	.035	.16	2.80	3.02	5.04	.09	.02	.010	73.47	.18	.015

GEOCHEMICAL REPORT

TO: Corporation Falconbridge Copper
 6415 - 64 Street
 Delta, B.C.
 V4K 4E2

FILE NO.: 84-336

DATE: October 25, 1984

ATTENTION: Harold Gibson cc. A. Davidson

PROJECT:

Sample Description	Au ppb	Ag ppm	Cu ppm	Zn ppm
FC-84-G-57	L5	L.1	54	30
58	140	L.1	32	100
59	2,050	L.1	10	52
60	L5	L.1	24	40
61	L5	L.1	26	110
62	30	L.1	28	108
63	L5	L.1	32	78
64	L5	L.1	30	114

"L" indicates "less than"

Au: fire assay, AA.
 Ag,Cu,Zn: 20% nitric acid digestion, AA.

Neil Inge



TERRAMIN RESEARCH LABS LTD.

Corp. Falconbridge Copper

Harold Gibson

JOB # 84-211

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	Client No.	SiO ₂ %	CaO %	Na ₂ O %	K ₂ O %	Fe ₂ O ₃ %	TiO ₂ %		Cu ppm	Zn ppm					
1	A0 001 84	67.4	.543	3.91	.741	9.24	.484		39	33					
2	003	52.2	2.95	4.45	1.45	8.91	.951		55	85					
3	005	52.4	3.33	4.99	1.37	8.52	.934		25	106					
4	007	56.7	3.60	3.81	1.21	7.69	.784		23	220					
5	009	64.8	.743	.670	.688	13.3	.400		162	92					
6	011	57.1	1.83	3.86	.752	8.92	.651		15	260					
7	013	56.0	4.88	4.73	.997	7.61	.784		10	97					
8	015	52.8	3.83	3.77	2.04	8.59	.867		21	150					
9	017	51.3	5.30	4.03	2.14	9.05	.951		84	79					
10	019	51.1	5.44	4.19	1.60	9.25	.967		79	129					
1	021	54.5	6.41	5.10	1.36	8.09	.901		21	114					
2	023	53.1	5.34	5.12	1.60	10.4	.967		15	95					
3	025	53.9	6.38	4.73	.987	10.4	.951		18	69					
4	027	50.9	6.72	4.62	.999	9.42	.951		15	94					
5	029	50.7	7.39	4.02	.894	8.11	.984		18	99					
6	031	68.9	.498	.923	3.57	4.25	.484		4	61					
7	033	70.6	.045	.187	2.39	5.42	.117		5	22					
8	035	65.9	.400	2.10	1.99	3.32	.284		4	32					
9	037	72.1	.306	.297	2.29	6.02	.384		7	31					
20	039	66.0	.281	.078	.976	12.3	.167		17	74					



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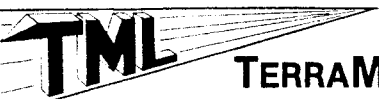
	Client No.	SiO ₂ %	CaO %	Na ₂ O %	K ₂ O %	Fe ₂ O ₃ %	TiO ₂ %		Cu ppm	Zn ppm					
2 1	A0 041 84	57.1	2.88	4.49	.063	10.2	1.20		2	83					
2	043	50.9	4.07	2.53	.571	9.68	1.18		9	151					
3	045	52.0	1.69	4.80	.022	10.3	1.15		86	320					
4	047	54.1	2.08	4.18	.207	8.81	1.00		44	280					
5	049	53.3	1.62	3.11	.898	8.77	.917		44	240					
6	051	63.5	1.76	4.73	.615	4.98	.751		4	46					
7	052	64.2	1.29	2.31	2.21	7.72	.784		3	55					
8	053	71.4	.746	2.45	2.07	5.26	.600		6	29					
9	054	63.5	2.49	1.58	1.61	9.04	.867		3	26					
3 0	055	67.0	3.05	3.34	.777	6.62	.667		3	27					
1	056	62.0	3.19	5.32	.020	9.01	.851		7	41					
2	057	70.0	3.48	4.10	1.89	4.23	.367		10	37					
3	058	69.1	3.67	4.17	1.92	4.42	.367		3	31					
4	059	77.7	.397	3.11	.977	1.54	.117		1	28					
5	060	70.2	.211	2.31	3.35	1.89	.183		4	22					
6	061	71.9	.166	3.26	.782	1.57	.117		2	23					
7	062	70.0	.101	2.84	1.41	1.47	.100		2	18					
8	063	59.0	.001	.291	3.40	1.53	.117		1	36					
9	064	64.6	.052	.075	3.51	4.20	.417		5	59					
4 0	065	69.7	.088	2.76	1.66	1.69	.117		1	31					

	Client No.	SiO ₂ %	CaO %	Na ₂ O %	K ₂ O %	Fe ₂ O ₃ %	TiO ₂ %		Cu ppm	Zn ppm					
4 1	A0 066 84	73.4	.111	1.50	.892	2.55	.167		5	47					
2	067	67.0	.353	3.57	.898	4.80	.517		4	83					
3	068	53.9	1.92	3.77	.441	7.81	.901		21	151					
4	068-A	61.0	5.72	3.28	2.19	5.95	.567		25	48					
5	069	66.7	.737	7.13	.135	2.22	.317		5	31					
6	070	63.5	.448	.097	2.60	8.89	.300		1	47					
7	071	55.0	1.34	6.00	1.60	6.33	.467		70	102					
8	072	64.4	.152	.102	3.51	8.24	.167		37	52					
9	073	64.8	.760	.987	3.35	6.42	.250		78	72					
5 0	074	62.9	.557	3.29	2.49	4.48	.450		4	63					
1	075	67.2	.653	1.85	2.81	3.66	.317		8	49					
2	076	68.7	1.30	5.06	1.07	2.63	.250		3	49					
3	077	59.3	.688	4.85	1.60	4.03	.384		1	37					
4	078	47.7	3.44	3.71	2.05	11.5	1.23		141	152					
5	079	58.0	2.78	1.70	3.08	7.84	.651		51	104					
6	080	55.8	3.92	3.87	2.29	8.52	.951		19	99					
7	081	58.4	2.78	5.34	.500	6.66	.517		13	48					
8	082	65.9	2.00	.662	5.52	3.46	.400		10	30					
9	083	54.3	11.2	1.46	.166	10.1	.967		6	52					
6 0	084	58.8	3.71	2.48	1.86	8.62	1.13		15	52					



TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO ₂ %	CaO %	Na ₂ O %	K ₂ O %	Fe ₂ O ₃ %	TiO ₂ %		Cu ppm	Zn ppm					
6 1	A0 085 84	71.0	1.07	1.37	2.58	4.80	.250		56	35					
2	086	64.2	1.72	2.97	2.41	4.85	.500		2	25					
3	087	60.5	2.62	3.06	3.08	3.46	.400		2	14					
4	088	59.0	1.25	4.79	1.28	2.32	.250		9	15					
5	089	61.0	2.21	4.25	2.87	2.45	.350		1	17					
6	090	62.2	1.44	2.64	3.28	4.59	.484		1	26					
7	091	62.5	4.21	3.86	2.28	3.45	.467		1	19					
8	092	62.0	4.27	6.32	1.28	2.67	.584		2	15					
9	092 A	60.1	5.60	3.28	2.19	5.36	.450		44	42					
7 0	093	61.8	5.34	3.91	.611	6.44	.634		4	26					
1	094	64.6	3.22	4.62	1.35	2.66	.384		2	14					
2	095	50.3	4.21	4.68	.748	6.91	.684		7	35					
3	096	68.5	10.6	.070	.018	6.85	.267		670	14					
4	097	63.1	.309	.906	1.45	5.29	.450		10	141					
5	098	62.7	.409	.142	3.43	6.41	.751		5	103					
6	099	68.7	.271	1.75	1.42	5.15	.350		11	119					
7	100	74.4	.111	.698	2.18	2.85	.234		10	98					
8	101	70.8	.145	1.71	3.05	2.25	.284		5	53					
9	102	71.9	.228	.670	5.98	2.26	.284		9	48					
8 0	103	65.9	1.40	5.23	1.07	3.95	.367		2	35					



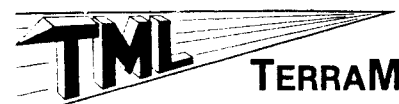
TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO ₂ %	CaO %	Na ₂ O %	K ₂ O %	Fe ₂ O ₃ %	TiO ₂ %		Cu ppm	Zn ppm					
8 1	A0 104 84	72.7	1.16	4.38	2.12	2.22	.250		11	13					
2	105	68.2	1.40	2.66	3.81	5.29	.384		3	24					
3	106	68.5	2.07	3.87	2.23	4.16	.400		4	22					
4	107	54.5	6.11	3.91	1.24	9.52	1.12		74	69					
5	108	49.6	7.72	2.74	.574	10.3	1.27		6	83					
6	108 A	72.1	1.40	2.66	1.06	4.53	.400		3	35					
7	109	69.7	1.21	4.57	1.94	2.77	.284		5	13					
8	110	72.1	1.39	7.02	.352	2.49	.317		1	14					
9	111	47.5	5.97	2.55	3.63	9.35	.917		2	92					
9 0	112	72.5	.183	1.58	3.74	2.36	.250		4	67					
1	113	69.7	.152	.975	3.07	2.96	.350		81	73					
2	114	51.3	.582	2.78	1.01	10.4	1.18		43	290					
3	115	66.7	.249	2.43	2.77	4.46	.367		6	77					
4	116	64.0	.533	.090	2.72	6.05	.517		85	183					
5	117	79.1	.132	.055	2.49	2.95	.267		67	29					
6	118	59.9	.593	.202	2.54	9.04	.984		9	173					
7	118 A	63.3	5.90	3.21	2.19	5.69	.484		40	45					
8	119	26.3	18.3	.363	.557	11.1	.634		26	360					
9	120	58.2	2.66	4.14	1.57	9.48	.784		61	120					
10 0	121	72.7	2.39	3.10	3.86	2.46	.267		1	54					



TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO ₂ %	CaO %	Na ₂ O %	K ₂ O %	Fe ₂ O ₃ %	TiO ₂ %		Cu ppm	Zn ppm					
101	A0 122 84	70.0	.187	3.48	4.54	2.57	.284		1	61					
2	123	68.7	2.99	3.80	2.64	3.17	.300		2	54					
3	124	69.7	3.71	4.38	2.74	2.25	.267		4	920					
4	125	57.5	1.04	6.67	.181	7.59	.901		43	87					
5	126	67.0	.269	1.33	2.36	3.70	.417		19	52					
6	127	62.7	3.09	5.80	.048	8.35	.851		43	74					
7	128	78.1	1.83	2.47	1.21	2.20	.150		1	24					
8	129	67.2	.102	.229	3.00	2.72	.317		1	30					
9	130	70.6	.232	2.91	1.89	2.66	.284		1	41					
11 0	131	70.4	.754	2.84	1.82	2.55	.267		1	38					
1	132	69.5	.168	4.07	2.86	1.82	.350		2	46					
2	133	63.5	2.03	2.94	1.77	6.12	.667		6	54					
3	134	59.5	1.12	3.83	2.31	5.13	.784		1	43					
4	135	64.4	1.25	3.13	2.10	4.80	.567		14	35					
5	136	53.9	.291	.431	.927	20.6	.500		56	52					
6	137	68.0	1.68	4.58	.529	4.28	.517		1	39					
7	138	63.1	2.03	2.87	1.53	6.91	.767		2	44					
8	139	72.9	.727	5.62	1.18	1.07	.133		9	37					
9	140	57.3	4.94	4.42	1.28	6.88	.917		12	80					
12 0	141	63.5	5.82	3.29	2.07	5.65	.484		60	43					



TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO ₂ %	CaO %	Na ₂ O %	K ₂ O %	Fe ₂ O ₃ %	TiO ₂ %		Cu ppm	Zn ppm					
121	DC 001 84	56.5	7.06	4.03	1.40	9.51	.967		48	43					
2	002	62.0	.723	1.82	2.59	6.29	.550		47	169					
3	003	59.9	.711	1.89	2.46	6.13	.534		41	194					
4	004	56.0	6.30	5.18	.797	8.72	1.02		12	70					
5	005	71.7	3.27	2.52	1.87	3.72	.384		7	62					
6	006	63.3	.918	1.47	2.76	5.22	.500		37	137					
7	007	68.5	.616	.838	3.07	4.92	.467		42	1850					
8	008	62.5	1.09	1.48	3.24	6.35	.784		48	161					
9	009	61.6	6.80	3.69	.127	9.05	.934		13	75					
130	010	63.0	1.54	1.44	2.75	6.85	.534		47	160					
1	011	68.9	1.89	5.63	1.45	2.62	.267		6	37					
2	012	61.0	2.95	2.56	2.90	7.26	.684		44	210					
3	013	60.5	1.64	1.82	2.37	4.96	.550		43	91					
4	014	56.9	6.83	4.38	.183	8.88	.817		50	34					
5	015	57.8	5.69	4.80	1.33	8.95	.951		64	109					
6	016	57.1	6.46	4.10	1.64	9.65	.867		28	129					
7	017	55.2	8.41	3.49	1.24	8.81	.801		32	46					
8	018	56.7	7.18	4.26	.877	9.08	.834		40	49					
9	019	50.3	12.1	2.72	.098	11.3	1.10		58	44					
14 0	020	62.5	1.58	5.69	1.06	6.48	.534		4	31					



TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO ₂ %	CaO %	Na ₂ O %	K ₂ O %	Fe ₂ O ₃ %	TiO ₂ %		Cu ppm	Zn ppm					
14	1 DC 021 84	64.0	.665	4.46	1.03	7.84	.434		4	37					
2	022	62.9	5.48	3.07	2.07	5.76	.517		34	48					
3	023	68.0	1.37	4.48	2.33	4.19	.484		2	30					
4	024	50.1	2.39	2.75	.377	10.2	1.00		15	156					
5	025	50.3	1.80	5.80	.484	12.6	1.02		22	98					
6	026	68.0	2.39	5.34	.978	6.41	.667		12	43					
7	027	67.8	.930	2.32	2.48	7.89	.617		21	58					
8	028	71.4	.483	1.50	2.84	6.26	.484		19	50					
9	029	67.4	1.11	2.45	1.74	9.78	.567		29	78					
15	0 030	56.5	4.48	4.99	.071	12.5	1.18		49	70					
1	031	71.0	1.27	2.08	2.19	7.48	.550		12	51					
2	032	67.8	.769	1.89	2.92	7.22	.617		25	56					
3	033	60.1	4.17	3.81	.128	12.3	1.08		54	168					
4	034	70.6	1.18	2.33	2.22	7.14	.534		24	142					
5	035	73.8	.939	1.87	2.17	7.49	.484		64	280					
6	036	70.2	.386	1.62	2.98	6.76	.534		40	40					
7	037	75.1	.516	5.81	2.30	1.69	.150		3	19					
8	038	58.2	4.73	4.69	1.17	10.3	1.18		24	113					
9	039	72.3	.824	1.94	2.27	6.66	.534		24	53					
16	0 040	68.0	2.34	5.82	.822	6.39	.667		8	40					



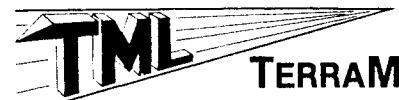
TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO ₂ %	CaO %	Na ₂ O %	K ₂ O %	Fe ₂ O ₃ %	TiO ₂ %		Cu ppm	Zn ppm					
16 1	DC 041 84	68.5	.655	1.04	3.22	7.98	.600		43	77					
2	042	66.7	6.13	3.44	2.35	5.89	.484		31	44					
3	043	72.5	2.53	4.37	.151	5.25	.534		40	260					
4	044	55.0	1.08	4.34	.639	9.82	1.18		28	50					
5	045	67.0	1.37	3.05	2.41	7.49	.634		22	62					
6	046	68.9	1.80	5.94	1.08	6.55	.734		27	64					
7	047	71.9	.417	1.04	2.66	6.89	.484		34	153					
8	048	70.6	.445	1.21	3.11	6.52	.617		38	150					
9	049	56.5	10.8	2.82	.806	11.4	1.02		38	42					
17 0	050	72.7	2.24	1.93	2.04	7.55	.484		58	35					
1	051	76.6	2.81	5.84	.516	2.12	.450		1	75					
2	052	57.8	7.01	3.44	1.14	12.1	1.02		70	49					
3	053	70.8	3.08	2.48	1.77	6.68	.550		25	72					
4	054	74.2	1.97	6.92	.705	3.20	.467		21	26					
5	055	70.4	4.32	3.48	1.48	7.44	.617		29	62					
6	056	61.8	4.63	3.64	1.67	5.93	.684		4	75					
7	057	71.9	1.99	1.86	1.71	5.91	.450		2	83					
8	058	70.2	2.36	1.95	2.36	6.76	.550		48	72					
9	059	57.5	6.58	1.89	.872	11.7	1.00		34	108					
18 0	060	70.7	1.72	1.91	2.47	6.92	.534		47	135					



TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO ₂ %	CaO %	Na ₂ O %	K ₂ O %	Fe ₂ O ₃ %	TiO ₂ %		Cu ppm	Zn ppm					
181	DC 061 84	65.9	3.27	4.35	.945	4.43	.567		49	140					
2	062	66.1	1.39	1.75	2.65	6.39	.500		40	122					
3	063	53.3	8.52	1.81	.455	10.6	.967		49	43					
4	064	53.5	8.42	4.48	.176	9.19	1.02		66	1070					
5	065	52.2	10.2	2.35	.210	10.9	.984		67	106					
6	066	66.7	2.53	4.39	.577	6.13	.634		66	107					
7	067	63.5	1.11	1.52	2.66	6.02	.467		44	84					
8	068	50.9	9.50	2.36	.133	10.6	.967		53	47					
9	069	68.0	.748	1.06	2.92	5.81	.417		8	50					
19 0	070	71.4	.985	1.58	2.37	5.28	.400		35	104					
1	071	67.0	1.47	1.82	2.08	6.12	.484		38	152					
2	072	62.7	5.54	3.13	2.22	5.92	.517		22	46					
3	RS 001 84	59.9	.253	.140	5.96	7.11	.600		410	177					
4	002	56.5	.722	3.44	2.12	6.78	.817		7	132					
5	003	71.2	.112	2.70	7.88	.358	.067		2	8					
6	004	77.7	.148	2.63	6.23	.872	.050		1	34					
7	005	77.4	.199	2.28	6.56	.930	.067		1	24					
8	006	76.6	.092	2.06	6.46	.829	.083		5	20					
9	007	48.3	.395	1.85	3.15	12.0	.817		3	201					
20 0	008	55.8	.207	.094	3.30	9.91	.484		15500	360					



TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO ₂ %	CaO %	Na ₂ O %	K ₂ O %	Fe ₂ O ₃ %	TiO ₂ %		Cu ppm	Zn ppm					
20	1 RS 009 84	77.0	.150	4.29	2.81	1.14	.067		26	18					
2	010	69.1	.161	1.39	3.10	3.19	.334		32	63					
3	011	54.8	.269	1.69	2.35	7.72	.651		21	260					
4	012	73.4	.104	2.44	5.51	1.00	.050		9	23					
5	013	74.2	.109	3.38	5.33	.958	.050		2	30					
6	014	72.7	.105	2.20	6.51	1.16	.067		2	28					
7	015	72.9	.450	3.69	3.54	1.23	.083		14	40					
8	016	51.1	.656	3.41	1.77	7.52	.734		10	300					
9	017	73.6	.108	.217	8.99	1.13	.067		18	31					
21	0 018	68.2	.029	.599	3.31	2.96	.150		1	82					
1	019	47.7	7.01	3.60	.994	9.95	.967		46	72					
2	020	50.5	7.40	2.84	1.30	9.87	1.03		50	79					
3	021	67.8	.487	6.07	1.07	3.36	.234		2	81					
4	022	59.3	3.67	4.30	2.29	5.86	.334		10	87					
5	023	67.8	.172	.457	4.00	2.27	.150		1	47					
6	024	68.5	.196	1.29	3.41	2.87	.334		6	86					
7	025	57.8	.248	1.02	3.45	6.86	.667		11	181					
8	026	70.6	.880	.803	8.89	.901	.050		3	41					
9	027	72.7	.108	1.07	9.11	.686	.067		2	102					
22	0 028	77.4	.143	2.64	5.82	.744	.033		1	20					



TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO ₂ %	CaO %	Na ₂ O %	K ₂ O %	Fe ₂ O ₃ %	TiO ₂ %		Cu ppm	Zn ppm					
22	1 RS 029 84	69.7	.208	.617	7.82	.930	.050		5	70					
2	030	62.0	.297	3.60	2.08	4.63	.434		4	107					
3	031	65.5	.231	2.66	2.10	3.80	.350		6	126					
4	032	67.0	.152	1.07	3.21	3.39	.367		4	142					
5	033	88.3	.077	.028	.070	1.80	.050		8	47					
6	034	67.2	.439	3.64	1.05	4.36	.267		6	142					
7	035	60.1	2.04	4.72	1.27	6.51	.550		5	146					
8	036	47.1	4.87	3.49	1.19	10.5	.934		98	192					
9	037	49.6	.368	.848	4.10	13.7	.684		52	173					
23	0 038	47.1	7.60	2.94	1.18	9.90	1.00		65	118					
1	039	61.4	5.62	3.11	2.07	5.91	.467		58	49					
2	101	57.1	.315	.437	5.71	6.69	.600		25	184					
3	102	56.0	2.43	3.29	1.71	7.15	.801		10	93					
4	103	74.9	.192	3.96	2.71	1.10	.033		21	190					
5	104	71.7	.084	2.31	6.71	.901	.050		33	20					
6	105	60.3	.118	4.23	2.76	.572	.067		2	16					
7	106	45.1	2.25	4.31	1.06	11.5	.984		40	182					
8	107	66.1	.077	1.63	6.39	1.29	.033		2	69					
9	108	65.7	.042	1.35	6.48	.572	.033		2	11					
24	0 109	70.0	.248	2.90	4.64	.858	.050		6	32					



TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO ₂ %	CaO %	Na ₂ O %	K ₂ O %	Fe ₂ O ₃ %	TiO ₂ %		Cu ppm	Zn ppm					
241	RS 110 84	53.5	.297	1.09	4.18	8.18	.701		55	240					
2	111	61.2	1.78	4.92	2.12	4.13	.250		30	102					
3	112	61.6	.126	.058	3.33	6.12	.500		35	151					
4	113	56.7	.235	.869	3.45	6.48	.634		23	170					
5	114	56.5	.267	.256	6.19	7.25	.617		92	190					
6	115	52.6	.185	.096	5.68	6.56	.784		6	99					
7	116	50.3	.278	1.64	2.53	8.07	.717		43	300					
8	117	70.6	.155	5.73	3.06	1.03	.083		2	30					
9	118	72.3	.087	2.28	5.99	1.04	.067		2	13					
25 0	119	73.2	.087	2.55	5.98	.801	.050		3	15					
1	120	62.2	.011	.662	7.27	.586	.050		7	14					
2	121	70.2	.017	.415	7.72	.887	.033		2	35					
3	122	55.0	.257	2.80	2.11	7.56	.667		3	200					
4	123	66.7	.189	3.19	7.63	1.26	.067		2	9					
5	124	74.0	.145	2.57	4.76	1.17	.050		6	14					
6	125	63.5	1.11	4.62	1.88	5.96	.334		4	115					
7	126	66.3	.488	6.21	.362	3.20	.267		1	100					
8	127	71.9	.473	1.10	4.55	3.26	.334		141	270					
9	128	59.0	.470	3.32	1.93	7.62	.701		9	109					
26 0	129	76.2	.123	2.17	5.35	1.09	.050		1	25					

ASSAY REPORT

TO: Corporation Falconbridge Copper
 6415 - 64 Street
 Delta, B.C.
 V4K 4E2

FILE NO.: 84-267

DATE: Sept. 10, 1984

ATTENTION: A. Davidson

cc. Ian King

PROJECT: Britannia

Sample Description	Au g/t	Ag g/t	Cu %	Zn %
RSC A	.20	63	15.8	.05
B	L.05	82	21.2	.17
C	.20	107	22.3	.05
D	.20	46	10.4	.04
E	.20	26	5.62	.06
F	.20	55	9.42	.04
B1	L.05	72	15.6	.02
B2	1.40	56	3.32	23.6
B3	.20	1.0	.06	.09
FC-M-84-1	L.05	L.5	.01	.03
FC-HG-84-22	L.05	L.5	.01	.02
FC-84-G-27	L.05	L.5	.02	.01
IR-84-G-3	.10	103	24.5	.47
IR-G-84-5	.40	6.5	.13	.01
IR-G-84-5A	.20	1.5	.22	.02
IR-G-84-8	L.05	15.0	3.63	.06
IR 84001	L.05	L.5	.09	.02
84004	1.00	L.5	.01	.01
84006	.10	L.5	.06	.02
84009	.30	L.5	.03	.01
84012	L.05	L.5	.03	.01
84013	L.05	L.5	.01	.02
84014	L.05	L.5	.09	.02
84015	L.05	L.5	.06	.05
84017	L.05	L.5	.01	.01
84019	L.05	L.5	.01	.01
84020	L.05	L.5	.01	.02
84022	L.05	L.5	.01	.02
84025	L.05	L.5	.02	L.01
84029	.10	L.5	.05	L.01
84102	.10	L.5	.01	.01
84105	L.05	L.5	.01	.01
84107	.10	L.5	.01	L.01
84110	.10	L.5	.04	.01
84120	L.05	L.5	.02	.01
84123	L.05	1.5	.40	.01
84124	L.05	L.5	.06	.01

"L" indicates "less than"

Rejects retained one month,
 pulps one year, unless
 specific arrangements made.


 Certified Assayer of British Columbia