

Corporation Falconbridge Copper  
 6415 - 64 Street  
 To: Delta, B.C.

File No.: 83-138

SEP 13 1983

Date: September 9, 1983

CFC Geochem

Samples: Drill core chips

Assay Results

092B/13



**FILE**

**RESOURCE LABORATORIES LTD.**

#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

204

205

Postuk - Fulton  
 Property

827775

092B/13

Attention: Mr. A. Davidson

**ASSAY REPORT**

Sample No.	Au (oz/ton)	Ag (oz/ton)	%Cu	%Pb	%Zn	%Ba
0044	.035	2.90	.78		16.8	25.16
0050	.003	.08	.01	.02	.06	
0342	.015	.25	.01		.01	
0401	.006	.04	.01	.01	.02	
0402	.006	.15	.01	.01	.02	
0403	.003	.03	.01	.01	.02	
0404	.003	.03	.01	.01	.01	
0405	.002	.03	.01	.01	.02	
0406	.002	.03	.01	.01	.03	
0407	.003	.03	.02	.01	.01	

Rejects retained one month.  
 Pulp retained one month  
 unless specific arrangements  
 made.

*[Signature]*  
 Licensed Assayer of British Columbia

204

To: Corporation Falconbridge Copper  
6415 - 64 Street  
Delta, B.C.

File No: 83-144

Date: September 22, 1983

Attn: Mr. A. J. Davidson

A S S A Y   R E P O R T

Sample	Au (oz/ton)	Ag (oz/ton)	Cu (%)	Pb (%)	Zn (%)
0653	.001	.08	.42	<.01	2.6
0654	.001	.08	.62	<.01	2.4

  
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Licensed Assayer of British Columbia



ANALYTICAL REPORT

Job # 83-317

Corp. Falconbridge Copper

Date Nov. 5, 1983

Client Project

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Sample No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	Fe <sub>2</sub> O <sub>3</sub> %	Ba ppm	Cu ppm	Zn ppm
GC-83-0357	53.7	8.65	2.11	4.53	6.38	510	48	50
0358	63.7	2.97	3.08	2.60	7.34	970	45	76
0359	55.8	6.84	2.62	2.02	9.34	1660	126	94
0360	62.5	3.50	2.72	3.38	10.3	610	70	107
0361	51.4	4.32	7.51	3.13	11.4	190	56	93
0362	52.8	6.10	5.90	2.43	10.6	150	84	77
0363	50.1	10.5	7.26	2.64	14.8	190	63	64
0364	52.2	9.19	5.80	2.45	10.2	330	58	52
0365	58.7	6.52	2.14	1.23	8.55	1630	81	87
0366	55.6	5.36	3.23	3.63	8.95	1020	10	45
0367	49.9	7.61	5.34	.721	11.1	910	107	63
0368	48.4	5.83	6.05	2.09	10.7	1040	81	76
0369	56.0	6.48	7.16	4.22	8.94	330	122	55
0370	51.8	10.2	9.93	2.95	9.94	280	99	51
0371	54.7	9.95	7.15	3.44	8.92	300	75	47
0372	48.6	7.23	5.45	2.67	11.1	500	76	68
1237	55.8	9.82	3.22	4.54	7.95	310	73	65
1238	56.4	6.90	4.28	3.79	9.23	330	48	65
1239	51.6	8.58	4.58	3.88	10.4	170	84	73
1240	51.8	3.93	5.54	1.44	11.1	970	11	79
1241	62.3	5.95	3.23	2.95	7.12	850	30	73
SM-83-1242	53.0	5.09	5.95	3.19	9.93	870	80	68
1243	52.2	8.51	5.45	2.74	9.01	600	75	56
1244	51.2	6.20	9.15	1.69	10.9	720	101	62
1245	52.0	6.60	6.22	3.60	10.6	470	74	68



TERRAMIN RESEARCH LABS LTD.

ANALYTICAL REPORT

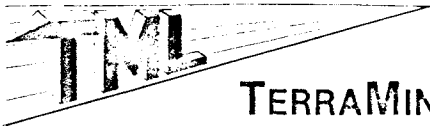
Job # 83-317

Date

Client Project

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Sample No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	Fe <sub>2</sub> O <sub>3</sub> %	Ba ppm	Cu ppm	Zn ppm
SM-83-1246	53.0	5.62	5.82	4.04	9.72	650	55	45
1247	5.03	9.60	9.19	2.87	10.8	520	81	59
1248	49.5	5.53	7.18	2.29	9.76	620	71	63
1249	52.4	6.73	5.59	3.87	9.51	260	94	65
1250	51.4	6.27	6.17	3.69	10.5	840	98	60
1251	48.6	5.82	6.53	3.22	11.8	550	112	74
1252	53.2	6.56	8.89	3.69	10.1	500	78	57
1253	52.8	5.44	5.41	2.44	10.3	780	70	72
1254	56.4	6.32	5.24	4.19	9.61	330	82	59



# TERRAMIN RESEARCH LABS LTD.

## ANALYTICAL REPORT

Job # 83-317

Corp. Falconbridge Copper

Date Nov.5, 1983

Client Project

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Sample No.	SiO <sub>2</sub> %	MgO %	Na <sub>2</sub> O %	Fe <sub>2</sub> O <sub>3</sub> %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm
PF-0238	72.3	2.22	3.33	4.64	.183	1100	27	38
0239	52.6	5.41	3.32	12.4	1.38	390	55	81
0240	49.9	7.05	1.98	14.4	1.87	150	112	56



# TERRAMIN RESEARCH LABS LTD.

## ANALYTICAL REPORT

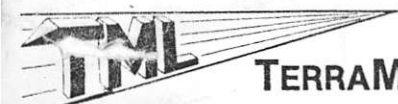
Job # 83-257-B

Date

Client Project

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Sample No.	SiO <sub>2</sub> %	MgO %	Na <sub>2</sub> O %	Fe <sub>2</sub> O <sub>3</sub> %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm
<i>ON</i> <i>POSTUK .1</i>								
PF - 300	72.7	1.91	3.18	6.82	.300	2300	17	40
301	47.5	6.00	3.71	11.9	2.85	1370	44	76
302	49.8	5.87	4.53	10.3	.550	80	58	81
* 303	48.3	7.71	3.13	10.8	.567	310	142	48
304	46.0	4.54	4.54	8.99	.517	150	146	60
305	51.3	6.12	6.20	8.14	.617	100	31	63
833007 (?)	68.7	2.09	5.51	3.85	.250	740	23	55
X 1	82.8	.284	1.71	.543	.100	560	4	7
X 2	79.4	.128	3.75	.829	.100	710	20	5
X 3	48.8	4.06	3.64	10.0	1.33	310	49	98



TERRAMIN RESEARCH LABS LTD.

Corporation Falconbridge Copper

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JOB # 83-248

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	Client No.	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	CaO %	MgO %	N <sub>2</sub> O %	K <sub>2</sub> O %	Fe <sub>2</sub> O <sub>3</sub> %	MnO %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm	Au ppb	Ag ppb
1	BCS - 0065	71.4	12.8	1.01	.917	.464	2.59	3.29	.074	.183		32	56		
2	0066	46.6	18.3	5.46	5.24	2.63	.570	11.8	.191	.700		23	67		
3	0067	69.9	14.6	1.21	1.87	.415	2.87	4.32	.088	.200					
4	0068	71.0	13.2	2.64	.405	.782	2.65	2.43	.065	.150		9	31		
5	0069	72.2	13.2	.133	.249	.995	2.68	3.45	.129	.150		10	32		
6	0070	80.4	9.26	.043	.184	.191	2.40	4.23	.003	.083		20	47		
7	0071											370	160	18	220
8	→ 0072	45.8	20.4	8.63	3.38	.968	1.27	16.3	.247	1.45		1300	96		
9	→ 0073	51.3	20.0	7.64	1.77	1.14	2.05	11.7	.125	1.43		20	51		
10	0074	51.1	15.9	1.72	10.4	1.94	.033	12.3	.497	.667	50	3100	590		
1	0075										150				
2	back } 0076	36.4	22.7	.098	13.2	.090	3.42	12.2	.364	2.07	1880	32	350	32	110
3	0077	45.8	31.6	.010	1.17	.319	9.52	3.85	.012	.117	4600	37	23	106	930
4	0078	76.8	12.7	.235	1.94	2.71	2.14	.860	.019	1.25	800	7	24		
5	0079											5	10	10	30
6	0080	43.6	22.1	18.3	.496	1.01	.217	11.3	.232	.117		4	24		
7	0081					.334					1050	3	14	10	10
8	0082										150				
9	0083											34	11	12	10
20	0084	73.6	13.0	.744	2.47	.253	2.43	1.86	.015	.150	870	6	12		

## TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	K <sub>2</sub> O %	Fe <sub>2</sub> O <sub>3</sub> %	MnO %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm	Au ppb	Ag ppb
21	BCS - 0085	72.1	13.4	.637	3.28	1.18	2.52	2.86	.025	.183	1080				
2	0086	74.7	12.7	.368	2.57	3.11	1.69	2.66	.026	.150					
3	0087	78.7	11.7	.688	2.17	2.72	1.57	.860	.013	.100		2	13		
4	0088	72.9	12.5	.210	2.59	2.78	1.75	4.45	.028	.167	620	16	19		
	0089	55.0	17.6	4.98	6.48	3.24	.164	11.4	.200	.600					
6	0090											45	81	16	60
7	0236										410	56	31	8	10
8	0251	52.2	21.0	.229	3.15	1.89	1.66	12.7	.137	.717		67	99		
9	0252	46.4	18.1	9.78	6.08	2.16	.717	13.9	.207	.767		52	70		
30	0253	45.3	17.2	10.7	2.93	5.77	1.11	9.44	.141	.634		110	94		
1	0254	74.9	11.5	.814	2.34	3.45	.958	1.90	.023	.100		4	13		
2	0255	65.7	15.5	.207	4.10	3.22	1.70	4.85	.046	.350		113	86		
3	0256	63.1	18.3	1.62	3.51	.847	2.69	5.86	.059	.334		26	52		
4	0301	52.4	17.8	2.60	4.29	2.91	.969	13.7	.166	1.98					
5	0302	44.7	12.7	5.82	5.31	1.47	.040	18.3	.216	3.92					
6	0303	47.3	14.2	4.49	4.24	2.51	.554	17.0	.185	1.95					
7	0304	70.6	14.0	.306	4.66	2.44	1.80	3.68	.032	.183					
8	0305	54.1	14.6	.347	5.27	1.51	.830	15.3	.261	1.82					
9	0306	69.7	14.2	2.15	1.02	2.56	2.10	5.25	.092	.250					
40	0307	70.8	13.6	.122	.915	.148	4.33	2.80	.019	.150					

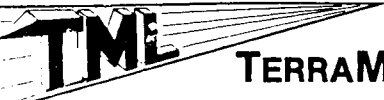












TERRAMIN RESEARCH LABS LTD.

Corporation Falconbridge Copper

Postuk - Fulton  
JOB # 83-055

	Client No.	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	K <sub>2</sub> O %	Fe <sub>2</sub> O <sub>3</sub> %	MnO %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm		
1	BCD - 0001	74.9	12.5	0.098	0.560	0.187	3.78	1.64	0.015	0.166	1340	17	9		
2	0002	68.4	14.7	0.154	1.71	0.196	4.12	4.46	0.032	0.216	2400	153	19		
3	0003	67.2	14.2	0.185	3.03	0.175	3.34	6.38	0.076	0.200	2310	1080	45		
4	0004	70.2	13.4	0.175	2.57	2.51	1.90	4.19	0.083	0.166	1240	110	43		
5	0005	71.2	13.0	0.126	1.72	1.97	2.65	3.79	0.055	0.166	1470	920	39		
6	0006	73.2	12.5	0.098	1.41	0.144	3.53	5.33	0.041	0.166	1880	550	59		
7	0007	69.3	12.5	0.365	2.02	1.02	2.83	5.49	0.063	0.183	1480	780	56		
8	0008	70.4	12.3	0.228	2.19	0.009	3.08	6.11	0.067	0.166	1710	590	73		
9	0009	70.8	13.0	0.164	2.32	0.181	3.32	5.38	0.081	0.166	1840	600	62		
10	0010	71.9	12.1	0.466	1.67	0.253	2.93	5.72	0.052	0.150	1730	740	56		
1	0011	29.3	16.4	0.542	16.1	0.003	0.042	22.9	0.549	1.37	30	890	340		
2	0012	61.8	14.5	1.35	6.25	0.179	2.55	7.86	0.222	0.984	1200	26	120		
3	0013	39.1	17.4	0.905	10.8	0.066	1.81	17.3	0.304	1.45	980	30	143		
4	0014	44.7	18.1	0.893	9.15	0.094	2.37	16.7	0.280	1.43	1170	230	115		
5	0015	66.3	13.0	0.304	3.20	0.088	2.80	9.38	0.087	0.333	1480	1800	70		
6	0016	66.1	12.1	0.928	3.88	0.528	1.45	11.6	0.187	0.350	1010	17	150		
7	0017	30.2	20.0	0.804	11.7	0.088	2.00	22.7	0.423	1.55	1170	650	181		
8	0018	69.3	14.5	0.190	2.77	1.86	2.66	3.72	0.050	0.233	1430	430	25		
9	0019	70.6	13.8	0.152	2.09	0.187	3.76	4.86	0.046	0.183	2050	570	28		
20	0020	70.4	12.1	0.264	1.14	0.632	3.13	6.94	0.042	0.166	2300	122	25		



	Client No.	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	K <sub>2</sub> O %	Fe <sub>2</sub> O <sub>3</sub> %	MnO %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm	Au ppb	Ag ppb
2 1	BCD - 0021	71.0	11.7	0.225	1.40	0.173	3.25	6.94	0.032	0.183	2030	730	23		
2	0022	66.7	13.8	0.309	2.78	0.175	3.22	6.58	0.071	0.200	1840	350	37		
3	0023	66.7	13.2	0.374	3.68	0.186	2.82	8.11	0.072	0.200	1520	480	42		
4	0024	68.4	13.2	0.720	2.50	0.266	2.84	5.90	0.061	0.183	1640	280	57		
5	0025	68.2	13.4	0.172	2.35	0.285	2.96	6.75	0.042	0.183	1780	1290	105		
6	0026	70.6	12.8	0.383	2.19	0.369	2.72	7.01	0.045	0.166	1650	450	102		
7	0027	72.1	12.6	0.373	1.06	2.75	2.05	4.23	0.038	0.183	1100	880	87		
8	0028	45.3	17.8	0.672	10.6	0.091	2.20	14.4	0.444	0.967	1000	180	240		
9	0029	56.0	13.4	0.969	5.87	0.134	1.19	12.6	0.277	0.850	780	58	153		
3 0	0030	71.4	13.0	0.128	1.48	0.124	3.81	5.43	0.037	0.183	2000	600	36		
1	0031	65.9	15.3	0.686	3.58	1.25	3.02	5.65	0.132	0.233	1750	176	72		
2	0032	66.5	15.7	0.211	3.60	0.696	3.74	4.19	0.121	0.216	1460	57	58		
3	0033	68.0	12.8	0.205	3.18	0.117	2.99	6.21	0.086	0.166	1600	1330	46		
4	0034	71.2	13.8	0.311	2.85	0.299	3.10	5.29	0.042	0.166	1560	53	33		
5	BCS - 0001	55.6	17.0	2.41	5.85	4.78	0.536	9.40	0.171	0.767	230	63	59		
6	0002	61.6	18.1	2.59	4.92	6.67	0.668	3.83	0.129	0.633	180	40	26		
7	0003											54	85		
8	0004	48.8	17.6	6.97	2.82	0.148	3.98	12.7	0.272	0.700	530	160	56		
9	0005	52.0	16.4	8.72	2.82	4.04	1.98	7.41	0.373	0.717	440	500	45	4	130
4 0	0006	50.0	17.2	9.79	4.43	2.45	1.14	9.15	0.296	0.733	260	310	57		





TERRAMIN RESEARCH LABS LTD.

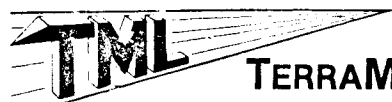
Corporation Falconbridge Copper

204  
205

FILE

	Client No.	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	K <sub>2</sub> O %	Fe <sub>2</sub> O <sub>3</sub> %	MnO %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm	Au ppb	Ag ppb
1	BCS - 0092	71.0	12.7	.227	1.30	2.57	2.41	4.71	0.030	0.18	1560	720	70		
2	0093	43.8	15.9	6.84	4.71	3.86	2.12	10.2	0.188	0.67	900	86	113		
3	0094	73.8	12.5	.272	1.35	3.28	1.88	3.76	0.036	0.17	1030	910	45		
4	0095											1710	64	6	600
5	0096	56.7	15.7	1.41	5.79	5.76	.090	8.53	0.364	1.07	150	300	230		
6	0097	62.2	12.3	.245	8.67	1.07	1.03	6.15	0.125	0.28	970	8	550		
7	0098	76.4	12.7	.239	1.72	2.91	2.34	2.89	0.027	0.18		138	17		
8	. 0151	55.0	15.9	3.68	5.64	3.77	.096	11.9	0.248	0.63	50	57	90		
9	. 0152	53.1	15.9	4.66	6.23	3.75	.261	10.2	0.312	0.62	120	46	98		
0	0257	75.1	12.8	.116	2.35	1.67	3.43	3.25	0.027	0.23		10	147		
1	0258	77.2	11.0	.060	1.99	.290	2.70	3.03	0.026	0.17		1	28		
2	0259	74.4	13.4	.937	.484	.364	3.19	2.59	0.092	0.18		8	32		
3	0260	71.7	13.6	.530	.869	2.72	.2.25	4.55	0.129	0.32		5	50		
4	0263	57.8	16.2	3.72	5.59	4.92	.675	6.24	0.049	0.72		19	19		
5	0264	76.4	12.1	.278	.738	.516	2.28	2.00	0.052	0.15		10	34		
6	0265	71.2	13.2	2.07	.972	1.33	2.52	3.22	0.070	0.25		8	40		
7	0266	73.4	10.4	3.27	1.77	.492	1.93	2.81	0.114	0.18		37	38		
8	0267	74.0	13.2	.820	2.88	4.99	1.09	2.66	0.032	0.23		1	16		
9	0268	78.7	10.8	.267	2.07	.288	2.83	3.57	0.036	0.20		1	43		
20	0269	84.5	9.26	.320	1.25	2.53	1.35	1.18	0.012	0.12		-1	7		





TERRAMIN RESEARCH LABS LTD.

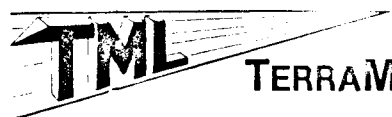
Corp. Falconbridge Copper

FILE  
NOV 8 1983

JOB # 83-318

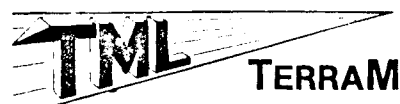
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	Client No.	Pb ppm	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	K <sub>2</sub> O %	Fe <sub>2</sub> O <sub>3</sub> %	MnO %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm	Au ppb	Ag ppb
1	BCD-0035		68.5	13.2	2.49	2.88	1.66	2.23	2.54	0.071	0.17	3890	29	46		
2	0036		67.4	13.0	2.83	3.17	0.98	2.00	2.95	0.072	0.18	7200	30	55		
3	0037		75.3	13.4	1.69	1.19	2.12	2.68	0.84	0.027	0.17	1220	24	34		
4	0038		68.5	15.3	1.34	2.70	1.14	3.00	4.34	0.077	0.20	1890	38	41		
5	0039		61.6	17.0	1.52	6.71	0.59	0.15	6.49	0.110	0.45	100	28	65		
6	0040	340							5.55	0.059		5800	300	2900	390	5900
7	0041	39							4.24	0.065		3330	86	105	40	1090
8	0042	16							5.26	0.059		3730	84	156	28	540
9	0043	17							3.69	0.044		3400	123	290	112	1030
10	0045		74.0	12.9	2.10	1.92	3.29	1.64	0.92	0.032	0.13	740	6	59		
1	0046		71.0	12.3	3.65	1.54	1.62	3.16	1.61	0.040	0.13	2300	6	17		
2	0047	6							3.38	0.049		5800	51	174	38	300
3	0048		68.5	14.6	2.78	2.16	3.22	2.22	2.07	0.050	0.20	1610	21	37		
4	0049		74.2	13.6	0.58	0.99	1.28	3.63	2.27	0.014	0.18	6800	60	1830		
5	BCS-0100		43.6	18.0	7.60	3.42	4.95	1.54	11.8	0.179	0.98	240	68	107		
6	0154		70.0	14.0	0.37	3.05	3.30	1.98	3.91	0.048	0.17	690	8	41		
7	0157		53.7	18.1	0.73	10.2	0.21	2.46	11.0	0.145	0.62	830	6	74		
8	0158		71.0	12.7	0.81	4.73	2.60	0.83	6.63	0.120	0.18	330	10	45		
9	0159		49.4	16.8	10.3	4.11	2.84	0.54	13.3	0.194	2.34	310	197	64		
20	0160		49.4	20.0	6.16	2.59	4.76	0.96	11.6	0.315	1.45	610	43	300		



TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	K <sub>2</sub> O %	Fe <sub>2</sub> O <sub>3</sub> %	MnO %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm		
21	BCS-0161	66.7	15.9	2.13	0.65	4.64	2.31	3.40	0.071	0.25	670	6	39		
2	0270	70.6	15.7	1.69	0.64	4.35	2.36	3.60	0.053	0.25		6	43		
3	0271	77.0	11.9	1.01	0.38	5.78	0.30	2.87	0.041	0.17		5	40		
4	0343	74.9	12.3	0.13	2.67	0.20	2.72	4.61	0.061	0.13					
5	0344	50.5	17.4	9.01	4.56	5.92	0.50	6.04	0.185	0.78	350	9	46		
6	0345	47.1	15.3	6.16	8.85	2.02	0.81	12.4	0.199	0.70	290	125	112		
7	0346	64.2	14.0	1.21	1.32	0.25	4.49	7.36	0.049	0.22	1900	149	6400		
8	0347	48.8	11.0	13.5	9.50	1.64	1.03	9.98	0.266	0.53	360	48	87		
9	0348	48.8	17.2	11.0	6.43	2.76	1.58	9.83	0.143	0.72	700	15	30		
30	BCD-0408	65.9	14.6	4.34	1.71	2.93	2.42	2.32	0.041	0.20	500	3	31		
1	0409	67.6	14.6	1.83	2.45	3.50	2.71	3.86	0.040	0.18	860	5	33		
2	0410	65.9	15.1	1.76	2.64	4.22	2.48	4.71	0.097	0.22	800	5	48		
3	0411	71.9	13.0	0.52	2.64	2.59	2.02	3.98	0.106	0.17	1080	103	111		
4	0412	70.0	13.4	1.39	2.21	3.50	1.70	3.49	0.112	0.17	1620	74	49		
5	0413	77.4	13.2	0.99	0.79	1.97	2.78	0.84	0.017	0.17	1100	13	14		
6	0414	68.5	14.6	2.24	2.57	2.60	2.24	3.32	0.089	0.18	810	14	51		
7	0415	70.8	15.1	1.57	0.98	2.80	2.94	1.30	0.026	0.20	1940	51	21		
8	0416	71.0	13.4	1.93	1.62	3.17	1.84	2.05	0.046	0.17	960	81	50		
9	0417	69.7	13.2	0.99	3.33	0.36	2.60	3.68	0.075	0.18	1080	470	31		
40	0418	73.8	13.0	0.72	3.30	0.38	2.74	3.12	0.046	0.17	1940	44	34		



# TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	K <sub>2</sub> O %	Fe <sub>2</sub> O <sub>3</sub> %	MnO %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm		
4 1	BCD-0419	67.2	14.4	1.22	1.99	1.12	2.71	5.55	0.039	0.18	1620	980	31		
2	0420	71.9	12.9	0.98	3.22	0.32	2.43	3.64	0.050	0.17	1410	137	29		
3	0421	70.6	13.2	1.58	1.54	1.48	3.17	3.69	0.045	0.17	4200	26	260		
4	0422	72.7	13.2	1.07	2.02	2.74	2.21	2.87	0.085	0.18	7800	26	560		
5	0423	73.6	12.7	0.93	2.75	1.27	2.76	2.17	0.049	0.17	2310	65	730		
6	0424	48.3	18.3	0.96	8.17	0.28	2.42	13.6	0.407	0.67	1800	1530	440		
7	0425	57.8	15.9	0.89	6.55	0.12	3.01	7.59	0.191	0.55	1140	240	260		
8	0426	73.8	12.3	1.15	1.69	1.47	2.96	3.17	0.013	0.15	5000	930	38		
9	0427	75.3	12.1	2.45	1.11	4.26	1.04	0.70	0.015	0.17	650	8	20		
5 0	0428	6.91	14.7	1.83	2.21	3.33	2.30	2.36	0.068	0.20	1390	11	64		
1	0429	73.6	13.0	0.84	3.08	1.36	2.96	2.76	0.072	0.17	1730	36	350		
2	0430	62.7	14.7	1.06	6.70	2.37	1.25	6.70	0.315	0.42	1280	240	1170		
3	0431	58.6	16.8	1.01	7.79	0.12	2.82	7.32	0.287	0.65	1290	58	340		
4	0432	73.4	11.9	1.18	1.53	1.55	2.63	3.10	0.022	0.15	3830	211	67		
5	0433	71.9	12.7	0.77	3.08	0.98	2.53	6.40	0.066	0.23	1500	290	64		
6	0434	52.2	17.0	3.54	7.39	5.39	0.78	9.12	0.207	0.68	440	61	148		
7	0435	53.5	16.8	5.65	5.62	5.49	0.56	9.27	0.148	0.68	280	93	60		
8	0436	55.6	16.3	4.45	5.60	5.74	0.78	8.39	0.156	0.70	300	78	67		
9	0437	55.2	16.6	3.22	6.88	5.61	0.82	8.80	0.186	0.65	270	80	106		
6 0	0438	51.6	16.1	7.95	5.24	4.68	0.73	8.17	0.194	0.70	370	209	75		





# TERRAMIN RESEARCH LABS LTD.

## ANALYTICAL REPORT

Job # 84-081

Corp. Falconbridge Copper

Date June 24, 1984

Client Project Mt. Sicker  
P.O. 204-80

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Sample No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm
PF-2689	71.0	1.47	1.79	2.21	.150	1420	9	25
2690	70.2	1.06	1.66	5.45	.167	1010	9	17
2691	50.7	9.43	5.14	2.04	3.25	290	178	60
2692	62.2	2.88	2.92	4.10	.334	1100	8	56
2693	74.4	.083	.922	1.19	.167	1320	21	21
2694	50.7	5.46	6.50	4.19	.817	590	63	69
2695	49.4	10.2	6.63	2.48	2.02	250	165	45
2696	49.8	8.83	6.68	2.56	2.03	120	103	57
2697	48.3	10.7	6.15	1.94	2.75	200	138	62
2698	67.2	.076	.739	.384	.400	1200	17	32
2699	70.8	.088	.667	.404	.267	1620	24	26
2700	51.3	7.61	5.01	2.18	2.54	190	191	105
2701	72.7	.630	.086	3.59	.400	1570	96	41
2702	60.8	2.98	2.90	4.07	.317	1070	9	56
2703	50.7	9.35	6.23	2.98	2.19	150	110	79
2704	48.8	9.39	5.57	2.41	2.29	280	180	58
2705	68.5	.663	1.54	4.97	.434	680	4	94
2796	73.2	.099	2.25	1.59	.217	920	4	58