

TERRAMIN RESEARCH LABS LTD.

JUN - 8 1984

092B/13

827749

Mt. Sicker  
Peppa Option  
Geochem Results

ANALYTICAL REPORT

Job # 84-062

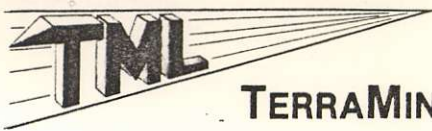
Corp. Falconbridge Copper

Date June 6, 1984

Client Project Mt. Sicker  
P.O. 205-80

Page 1/9

Sample No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm
PF-2592	66.7	.586	2.84	3.36	.217	880	6	46
2593	71.4	.617	1.77	1.23	.200	2610	128	48
2594	49.4	7.41	5.34	3.33	2.80	140	187	63
2595	50.1	9.89	5.65	2.59	1.68	300	134	56
2596	70.6	.294	1.30	4.68	.183	810	16	71
2597	51.3	1.51	6.67	2.76	2.12	120	109	109
2598	52.6	5.93	2.98	2.70	2.75	460	530	83
2599	65.2	.348	1.86	3.41	.200	1830	47	50
2600	48.6	8.97	5.52	2.56	2.03	330	146	55
2601	73.8	.330	2.88	.582	.167	3100	10	167
2602	57.8	.942	5.94	.262	.550	2030	134	168
2603	73.8	.325	2.17	1.39	.167	2910	5	32
2604	47.9	10.4	5.55	2.40	2.49	170	116	48
2605	49.0	10.5	5.62	2.48	2.37	260	101	39
2606	48.8	10.2	5.72	2.28	2.59	250	92	47
2607	49.2	9.00	4.13	2.56	3.32	170	178	63
2608	47.9	9.88	5.39	2.29	2.70	100	103	61
2609	47.3	9.25	4.82	2.21	3.37	180	205	71
2610	48.8	10.3	5.90	2.20	2.44	160	115	50
2611	48.6	9.49	5.14	1.94	3.07	230	182	55
2612	48.8	9.99	5.11	2.06	2.77	190	144	63
2613	51.1	10.0	5.41	2.18	1.63	350	103	53
2614	46.6	9.77	5.27	2.10	3.84	120	270	63
2615	52.0	9.65	4.99	2.64	1.85	130	90	46
2616	50.7	10.3	5.17	2.36	2.22	160	131	51



# TERRAMIN RESEARCH LABS LTD.

## ANALYTICAL REPORT

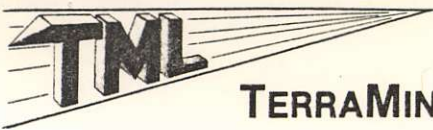
Job # 84-062

Date

Client Project

Page 2/9

Sample No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm
PF-2617	48.8	10.7	5.37	2.10	2.27	180	102	50
2618	49.6	11.0	5.87	2.18	2.52	120	47	41
2619	75.9	.445	.131	6.69	.167	340	2	7
2620	63.1	2.87	1.23	2.12	.183	1880	6	57
2621	56.7	5.37	3.53	2.75	.617	1100	9	76
2622	72.3	1.23	.522	4.04	.117	970	1	24
2623	55.0	.260	2.55	3.53	.751	200	69	82
2624	50.1	5.06	2.70	.431	.917	1300	2	90
2625	54.8	2.67	3.30	2.97	.917	1080	22	86
2626	67.4	.166	.754	.682	.267	1890	16	51
2627	75.1	.020	.201	.375	.200	1010	18	19
2628	63.1	.803	1.57	2.70	.684	1130	23	79
2629	58.2	1.87	3.53	4.84	.634	340	12	74
2630	51.1	9.44	4.92	2.48	3.02	230	158	59
2631	50.9	8.93	6.37	1.81	1.83	200	139	71
2632	49.2	11.8	7.23	1.86	1.40	300	70	42
2633	54.3	9.22	1.77	5.82	1.00	470	103	15
2634	50.5	7.12	3.50	5.19	.817	1570	102	82
2635	72.1	.567	.695	2.88	.234	890	16	38
2636	52.8	6.69	4.86	5.85	.734	400	81	63
2637	48.1	7.81	8.80	3.15	.867	600	49	60
2638	50.9	7.00	2.50	5.14	.884	510	54	78
2639	50.5	10.8	6.88	1.90	1.42	120	95	45
2640	52.0	2.32	3.53	2.97	.901	260	25	85
2641	73.4	1.07	.259	2.04	.200	850	4	16



# TERRAMIN RESEARCH LABS LTD.

## ANALYTICAL REPORT

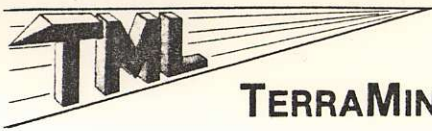
Job # 84-062

Date

Client Project

Page 3/9

Sample No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm
PF-2642	68.7	.081	.683	.603	.217	1770	47	46
2643	62.0	.597	2.40	1.50	.717	1140	27	96
2644	56.9	.214	2.02	2.01	.751	640	19	77
2645	77.9	2.42	1.67	1.54	.117	1050	1	26
2646	68.2	.234	1.03	5.22	.200	800	5	65
2647	77.0	2.53	1.69	1.97	.150	1250	1	23
2648	75.3	1.23	.274	.399	.317	1740	24	14
2649	71.4	1.24	.640	2.72	.217	740	7	43
2650	49.4	11.2	7.10	2.08	1.33	320	109	41
2651	54.5	3.50	5.07	6.31	.634	1000	1	38
2652	49.0	6.72	7.71	3.84	.767	420	70	61
2653	49.8	9.26	5.54	3.56	.884	1130	280	58
2654	60.5	2.29	2.19	7.54	.550	420	40	78
2655	51.1	4.80	5.50	4.11	.801	2020	86	75
2656	50.9	9.56	5.45	2.29	3.14	230	280	50
2657	52.2	5.57	6.86	2.36	1.73	190	131	82
2658 A	51.3	9.35	5.80	2.47	1.75	300	103	59
2658 B	73.6	.273	.675	3.09	.217	730	5	38
2659	55.2	.253	3.66	2.20	.751	330	52	88
2660	48.8	9.12	4.18	2.52	3.04	200	320	64
2661	49.2	11.6	7.36	2.33	1.38	230	113	39
2662	50.1	9.88	7.71	2.41	1.53	160	80	46
2663	67.4	.239	1.12	5.11	.200	720	3	76
2664	49.2	9.26	5.39	2.66	2.12	230	116	51
2665	52.2	12.5	2.14	.627	.934	120	14	67



# TERRAMIN RESEARCH LABS LTD.

## ANALYTICAL REPORT

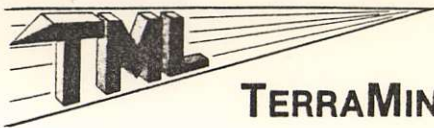
Job # 84-062

Date

Client Project

Page 4/9

Sample No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm
PF-2666	58.6	.748	2.95	1.23	.634	1270	19	84
2667	49.2	.210	2.93	.499	.817	1120	390	165
2668	70.2	.179	.645	2.56	.217	760	8	43
2669	50.9	9.29	5.06	2.31	2.90	260	179	56
2670	76.6	.158	.385	3.77	.183	1220	3	13
2671	48.1	10.4	7.36	3.03	.667	300	73	52
2672	74.4	.227	.179	3.49	.217	1400	28	62
2673	71.4	.145	.623	.460	.217	1350	14	94
2674	49.6	9.57	6.35	2.16	2.35	130	91	52
2675	48.1	7.83	6.02	2.59	2.35	120	54	95
2750	49.4	9.85	6.15	2.13	2.00	170	87	60
2751	50.1	12.3	8.14	2.14	.667	540	82	24
2752	62.0	6.11	2.54	3.64	.517	810	16	40
2753	50.5	9.63	4.08	2.00	2.89	200	171	71
2754	69.7	.113	2.47	1.09	.167	1950	23	36
2755	44.5	6.94	3.98	1.63	7.84	130	200	79
2756	47.7	8.45	4.19	2.53	4.00	300	144	61
2757	50.3	7.97	2.90	1.95	3.50	320	300	85
2758	61.0	5.55	2.59	3.56	.467	970	22	39
2759	59.0	6.38	2.84	3.42	.550	770	15	25
2760	74.4	.224	.660	.294	.183	1680	16	35
2761	47.9	12.8	7.38	1.69	1.18	140	68	32
2762	69.1	.218	1.52	1.62	.217	1420	2	54
2763	68.9	.186	.550	3.33	.217	740	4	51
2764	69.7	1.65	1.03	5.66	.234	3770	18	29



# TERRAMIN RESEARCH LABS LTD.

## ANALYTICAL REPORT

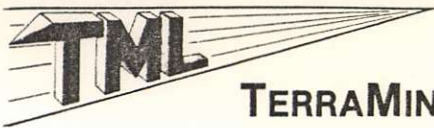
Job # 84-062

Date

Client Project

Page 5/9

Sample No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm
PF-2765	49.0	5.18	5.87	3.57	.734	460	51	72
2766	49.0	5.79	5.02	5.12	.684	540	83	61
2767	47.1	10.1	6.90	2.95	.751	430	75	60
2768	52.0	2.20	6.95	3.01	.651	420	90	77
2769	77.2	.063	.239	.375	.150	1000	5	26
2770	70.2	.157	.524	.655	.217	4200	3	51
2771	71.0	.319	.960	4.02	.200	590	3	173
2772	48.6	10.6	5.69	2.22	1.22	260	97	47
2773	47.7	8.55	5.07	2.25	2.07	150	175	84
2774	49.0	10.6	6.95	2.04	1.52	240	143	46
2775	49.8	9.44	5.34	2.28	2.97	230	204	68
2776	67.8	.041	6.35	.011	.234	120	46	280
2777	49.6	8.37	7.58	3.55	.651	450	140	56
2778	70.4	.617	.353	5.16	.217	850	1	41
2779	64.8	1.89	1.11	.493	.317	1130	24	350
2780	49.6	.092	1.10	.036	.934	460	109	155
2781	93.5	.057	.802	.005	.033	20	520	96
3000	72.7	2.85	2.77	.226	.150	1560	6	36
3001	47.3	.088	.201	.059	.067	730	180	6
3002	72.7	.930	1.24	6.94	.200	500	16	21
3003	68.0	.432	1.79	3.10	.234	2680	11	118
3004	72.3	.218	2.16	3.88	.167	1110	10	111
3005	77.4	.014	.610	.142	.117	1550	6	39
3006	70.8	.017	.575	.135	.150	1710	7	23
3007	70.8	.014	2.16	.137	.133	1680	29	14



# TERRAMIN RESEARCH LABS LTD.

## ANALYTICAL REPORT

Job # 84-062

Date

Client Project

Page 6/9

Sample No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm
PF-3008	78.1	.042	1.18	.093	.100	1540	4	28
3009	75.5	.013	1.72	.105	.133	1720	3	25
3010	58.8	6.32	2.92	3.46	.500	1090	35	44
3011	74.7	.294	2.01	.129	.117	1440	4	44
3012	48.6	9.64	5.11	2.08	2.69	230	150	64
3013	79.1	.014	.342	.131	.100	1970	18	1
3014	75.5	.043	.832	.131	.117	1710	17	8
3015	70.4	.013	1.26	.117	.133	2500	16	11
3016	50.1	10.3	5.26	2.56	2.39	110	97	45
3017	49.6	9.86	4.97	2.13	2.45	110	61	59
3018	76.2	.281	.809	.218	.150	2100	4	10
3019	70.6	.297	2.24	1.62	.150	2670	18	12
3020	71.4	.168	1.29	.103	.117	3000	41	8
3021	52.4	.393	5.06	2.83	.245	100	1240	103
3022	48.6	10.5	6.20	2.26	2.03	210	162	56
3023	52.6	7.61	3.05	2.22	2.95	390	260	94
3024	46.8	7.50	4.19	2.44	5.84	90	142	96
3025	98.8	.013	.017	.034	.033	20	3	1
3026	47.7	13.3	3.83	.906	3.09	30	310	77
3027	48.6	7.48	4.39	2.51	2.14	380	105	96
3028	49.2	9.75	5.60	2.24	2.57	130	49	85
3029	50.7	9.61	4.79	2.48	2.67	310	150	72
3030	50.5	10.4	6.00	1.62	2.45	90	62	68
3031	47.5	13.2	8.09	1.47	.751	450	25	60
3032	65.2	2.39	1.10	2.29	.217	1940	10	47



# TERRAMIN RESEARCH LABS LTD.

## ANALYTICAL REPORT

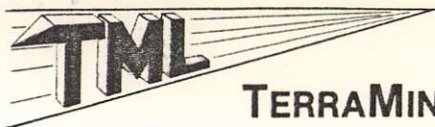
Job # 84-062

Date

Client Project

Page 7/9

Sample No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm
PF-3033	82.1	.035	.114	.400	.133	1180	4	8
3034	72.3	.330	.640	.504	.300	1160	57	28
3035	79.6	.048	.143	.348	.250	550	18	13
3036	69.7	1.83	.758	2.72	.234	890	2	48
3037	50.3	7.72	2.90	1.87	3.70	310	300	91
3038	54.3	5.06	2.19	6.74	.967	440	4	76
3039	49.2	11.3	7.13	2.09	1.33	160	100	50
3040	48.6	9.50	5.14	2.60	1.82	190	154	63
3041	48.3	7.46	6.57	4.54	.817	500	73	77
3042	51.3	6.06	6.73	4.95	.717	220	64	64
4043	50.5	7.93	6.76	2.56	1.70	270	129	72
3044	50.1	10.3	6.90	2.35	1.32	180	152	54
3045	50.1	9.63	5.34	2.09	3.22	270	143	62
3046	49.0	8.95	4.51	2.51	3.04	410	155	68
3047	55.2	2.35	3.55	4.69	.617	400	26	98
3048	70.6	.428	.688	3.32	.267	880	6	46
3049	70.4	.344	1.96	.558	.234	1510	8	68
3050	99.7	.011	.017	.096	.017	70	7	2
3051	61.6	1.45	1.77	.833	.884	1380	18	159
3052	82.4	.113	.386	.445	.100	850	3	38
3053	77.9	.661	.424	.772	.100	660	1	14
3054	46.4	7.48	3.91	3.72	.834	650	18	68
3055	63.1	2.36	1.66	2.67	.200	1730	1	54
3056	46.2	12.7	7.06	2.10	.784	90	7	51
3057	50.9	11.0	6.32	2.05	2.35	200	162	69



# TERRAMIN RESEARCH LABS LTD.

## ANALYTICAL REPORT

Job # 84-062

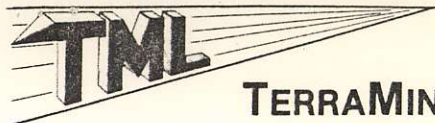
Date

Client Project

Page 8/9

Sample No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm
PF-3058	49.2	10.6	6.23	2.24	2.52	260	47	56
3059	50.9	10.3	5.12	2.25	2.27	200	132	58
3060	51.1	8.25	4.41	2.06	2.87	120	175	98
3061	50.1	10.9	5.69	1.74	2.32	140	94	71
3062	65.5	.299	4.01	4.80	.250	1030	4	145
3063	73.2	.063	2.29	.178	.167	1670	4	131
3064	73.8	.043	2.07	.171	.167	1420	6	19
3065	50.3	10.0	5.94	2.13	2.55	270	83	57
3066	52.0	5.19	3.08	5.69	.867	1490	3	43
3067	72.3	.539	.857	5.82	.217	210	2	41
3068	48.8	10.3	5.89	2.37	2.37	180	131	61
3069	77.0	.406	1.91	3.68	.150	1770	16	12
3070	57.1	.491	4.28	2.91	.350	540	22	81
3071	50.7	9.30	6.55	4.00	.651	640	90	45
3072	72.3	1.51	.718	2.02	.250	810	3	41
3073	49.6	9.53	5.37	2.24	2.87	290	260	57
3074	52.4	2.95	3.30	2.64	.967	230	36	107
3075	48.8	8.81	6.02	2.48	2.30	140	113	66
3076	48.6	9.95	7.89	2.21	1.62	220	124	55
3077	50.7	.084	6.15	.086	1.08	1700	27	104
3078	79.4	2.03	.504	.278	.133	690	5	32
3079	61.6	5.81	2.42	3.41	.417	1000	11	47
3080	54.1	6.60	5.89	5.10	.684	1230	134	38
3081	56.7	.229	1.87	1.81	.434	1970	18	92
3082	79.4	.642	.491	.299	.150	760	4	39





# TERRAMIN RESEARCH LABS LTD.

## ANALYTICAL REPORT

Job # 84-062

Date

Client Project

Page 9/9

Sample No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm
PF-3083	76.4	.101	.831	.357	.167	1070	6	102
3084	84.1	.041	.297	.195	.050	700	11	108
3085	85.6	.083	2.19	.011	.067	10	6	45

**ASSAY REPORT**

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

FILE NO.: 84-104

DATE: June 14, 1984

205

ATTENTION: Alex Davidson

cc. Irene King  
 cc. Dave Lefebure

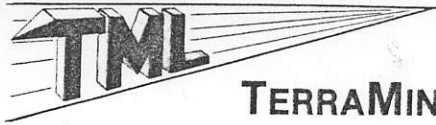
PROJECT:

Sample Description	Au (g/tonne)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Ni (%)	Pt (g/t)	Pd (g/t)
0624	.20	3.5	.64	L	L			
0625	.20	0.5	.01	L	L			
0626	.10	0.5	.08	L	L			
0704	.10		.29		.06	L	L	L
2829	.10	2.0	.45	L	.07			
→ 2830	.10	17.0	.66	L	.01	CHECK. /im		
2831	.10	3.0	1.06	L	.01	/6m.		

For Au: L indicates less than .05 g/tonne  
 For Ag: L indicates less than 0.5 g/tonne  
 For Cu: L indicates less than .01%  
 For Pb: L indicates less than .01%  
 For Zn: L indicates less than .01%  
 For Ni: L indicates less than .01%  
 For Pt: L indicates less than 0.1 g/tonne  
 For Pd: L indicates less than 0.01 g/tonne

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

*[Signature]*  
 Certified Assayer of British Columbia



TERRAMIN RESEARCH LABS LTD.

JUN 20 1984

### ANALYTICAL REPORT

Job # 84-068

Corp. Falconbridge Copper

Date June 19, 1984

Client Project P.O. 205-80

Page 1/4

Sample No.	Ba %	Cu %	Pb %	Zn %	Au ppb	Ag ppm
BCS-0612	0.80	0.009	0.002	0.008	16	0.3
L T O K . 0613	36.8	0.614	3.17	7.23	5000 .45	83.0
0614	0.53	0.003	0.005	0.023	12	0.2
0618	0.017	0.266	0.004	1.78	154	3.8



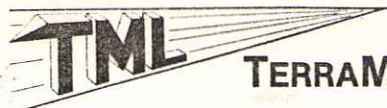
# TERRAMIN RESEARCH LABS LTD.

Corporation Falconbridge Copper

JOB # 84-068

Page 2/4

	Client No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm						
1	BCD 2760	70.1	.484	2.35	.264	.183	2140	800	55						
2	2761	70.1	2.45	1.04	1.22	.183	2210	350	32						
3	2776	58.1	3.64	3.17	4.72	.450	1100	68	62						
4	2778	76.2	1.09	.587	.698	.133	1870	18	7						
5	2779	67.9	.327	2.87	.373	.200	2100	19	44						
6	2783	47.6	.518	9.72	.135	.867	2320	32	167						
7	2800	48.8	.488	6.83	.123	1.12	1690	330	170						
8	2802	41.7.	.740	9.42	.053	1.13	940	4700	159						
9	2805	69.1	.179	3.61	.163	.217	2110	184	29						
10	2806	73.0	.158	1.97	.542	.167	2340	460	48						
1	2807	70.1	.332	1.18	2.39	.183	2300	113	20						
2	2808	63.8	2.35	2.09	5.94	.300	760	11	37						
3	2809	53.0	.720	10.1	.070	.717	910	570	270						
4	2811	72.1	1.69	2.27	1.81	.183	1400	620	21						
5	2813	53.9	5.79	5.37	5.37	.784	660	54	91						
6	2815	52.2	2.29	8.72	3.99	.734	450	70	77						
7	2816	51.6	5.30	3.22	5.54	.701	510	18	58						
8	2817	50.6	6.10	6.05	4.39	.717	590	44	70						
9	2821	69.1	.905	2.49	2.76	.234	1850	11	62						
20	2825	64.0	3.55	3.02	.885	.250	1700	13	55						



TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm						
2 1	BCD - 2826	70.3	2.03	1.16	2.97	.217	1120	1	32						
2	2827	69.9	2.62	2.59	1.06	.200	2140	159	29						
3	2828	69.5	.978	3.60	.838	.217	1420	310	35						
4	PF - 2676	46.1	10.9	7.61	1.59	1.62	190	107	44						
5	2677	60.0	2.95	1.14	1.91	.450	1020	15	63						
6	2678	51.2	10.6	5.70	2.26	1.87	160	108	78						
7	2679	74.2	.140	1.18	2.93	.183	1600	13	17						
8	2680	48.4	8.44	5.14	3.28	.967	280	20	112						
9	2681	59.3	6.14	2.97	3.53	.567	1010	20	43						
30	2682	47.1	8.93	5.09	2.28	3.84	400	152	55						
1	2683	73.2	1.52	.065	3.22	.334	1760	35	18						
2	2684	72.1	.255	2.14	3.81	.200	700	1	64						
3	2685	49.8	9.65	7.59	3.32	.734	420	89	54						
4	2686	62.0	1.59	4.03	3.91	.850	800	53	72						
5	2687	50.4	6.76	4.97	2.97	3.50	200	194	77						
6	2688	67.7	2.15	2.93	3.55	.284	1560	65	64						
7	2782	51.2	10.8	6.17	2.41	1.65	170	121	42						
8	2783	66.7	2.80	1.29	4.48	.317	1630	65	34						
9	2784	49.8	8.59	10.0	3.56	.717	440	280	32						
40	2785	74.0	.382	.240	5.37	.384	1040	340	20						



*WHERE?*

**ASSAY REPORT**

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

FILE NO.: 84-146

DATE: July 12, 1984

ATTENTION: Irene King cc. Dave Lefebure

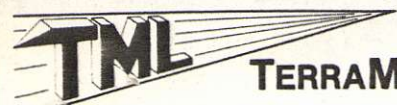
PROJECT: Mt. Sicker

Sample Description	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Ba (%)	Na <sub>2</sub> O (%)
BCS 0627	1.00	7.0	.43	L.01	L.01	.01	
0628 <i>Tom's Skit</i>	.60	4.5	.21	.03	L.01	.02	
0629 <i>Std</i>	.10	L.5	.03	L.01	.01		
0630 <i>Tom's Skit</i>	L.05	3.5	.31	L.01	L.01	.01	
0631 <i>R III</i>	3.60	63.0	.49	.86	9.66	4.28	
0632 <i>R III</i>	1.80	40.5	1.42	.55	6.79	1.76	
0640	.40	18.5	1.24	.28	.16	.13	
0641 <i>Lenora at ore</i>	3.70	114	9.36	.02	.60	.05	
0642	.10	L.5	.02	L.01	L.01		
0645	1.00	2.5	.01	L.01	L.01		
0646	L.05	.5	.06	L.01	.01		
0647	L.05	L.5	.03	L.01	.01		
0649	.10	1.5	.15	L.01	.02		
0650	.20	8.0	.44	L.01	.03		
BCS 0707	.05	2.0	.35	L.01	.03		
0709	L.05	L.5	.04	L.01	.02		
BCS 2301	.70	5.0	1.65	L.01	L.01	.01	
2302 <i>Cu Canyon</i>	.20	11.0	3.37	L.01	.01	L.01	
2303	.20	8.0	2.11	L.01	.01	.03	
2304	.20	8.5	2.83	L.01	.01	.01	
2305	.40	5.5	.68	L.01	L.01	L.01	
2307 <i>Lynx</i>	5.40	178	4.34	1.58	33.4		
BCD 2822	L.05	.5	.03	.01	.08		1.52
2823	.05	.5	.04	L.01	.02		1.73
2824	.10	1.0	.05	L.01	.01		

"L" indicates "less than"

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

*[Signature]*  
 Certified Assayer of British Columbia



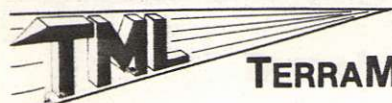
# TERRAMIN RESEARCH LABS LTD.

205

Corporation Falconbridge Copper

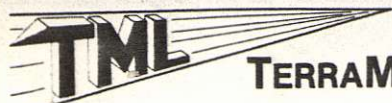
	Client No.	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	K <sub>2</sub> O %	Fe <sub>2</sub> O <sub>3</sub> %	MnO %	TiO <sub>2</sub> %	Ba ppm	L.O.I. %	Cu ppm	Zn ppm
1	MB 84 001	58.		.318	6.90	3.53				.500	680		43	56
2	002	59.3		.764	7.66	3.13				.534	860		37	95
3	003	61.2		2.41	3.75	3.33				.651	730		81	75
4	004	65.7		1.82	3.08	5.39				.350	1320		3	44
5	005	81.5		.999	.302	4.02				.133	630		1	4
6	006	80.4		2.25	1.59	2.60				.117	1020		-1	8
7	PF 2706	74.7		.277	2.04	.202				.133	1600		19	28
8	2707	52.2		9.15	6.04	2.45				2.30	90		270	80
9	2708	52.0		11.4	6.67	2.25				1.92	210		55	46
10	2709	52.0		9.56	9.80	2.52				.751	650		290	53
1	2710	49.8		8.65	11.1	2.08				.651	630		98	35
2	2711	76.8		.062	.492	.125				.950	2420		152	9
3	2712	51.8		8.34	5.01	2.20				4.67	100		211	77
4	2713	48.6		8.97	3.56	2.06				4.84	250		134	84
5	2714	56.7		.311	3.48	2.66				.767	460		33	98
6	2715	61.8		.887	2.72	3.61				.651	290		40	100
7	2716	52.0		7.82	6.13	2.37				2.84	60		97	93
8	2717	55.8		.869	5.60	2.70				2.05	170		83	96
9	2718	52.2		9.60	4.96	2.32				2.24	110		125	65
20	2719	52.0		11.3	6.68	2.33				1.83	130		128	36





# 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	L.O.I. %		Cu ppm	Zn ppm
21	2720	73.4		.334	3.60	.193				.167	1170			4	44
2	2721	75.9		.134	1.82	1.10				.150	1620			5	13
3	2722	51.8		10.1	5.32	2.09				2.75	200			81	67
4	2723	58.2		4.59	5.89	3.95				.600	120			131	104
5	2797	48.8		7.97	4.69	2.32				5.34	110			62	79
6	2798	51.6		10.3	5.82	2.31				2.54	180			194	56
7	2799	48.1		4.85	3.32	5.69				2.95	250			3	52
8	2800	52.4		10.6	6.57	2.63				2.40	50			61	48
9	2801	53.1		8.38	6.91	2.00				2.54	50			53	81
3 0	2802	50.5		8.42	7.76	3.17				.867	560			107	50
1	2803	56.9		8.81	5.65	4.76				.751	670			104	28
2	2804	52.6		11.2	7.03	3.01				.734	800			132	38
3	2805	52.8		9.67	5.59	1.82				2.75	50			76	82
4	2806	84.7		.245	1.10	.019				.067	10			990	28
5	2807	52.4		.294	6.96	.084				1.18	1390			48	69
6	2808	6.59		.013	2.21	.125				.400	2880			280	35
7	2809	61.8		6.16	2.57	3.36				.567	900			36	45
8	2810	75.3		.025	1.52	.127				.150	1260			51	22
9	2811	53.7		8.11	3.00	2.09				2.79	230			420	96
4 0	2812	51.6		12.9	9.55	2.37				.701	300			210	40



**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	L.O.I. %		Cu ppm	Zn ppm
41	PF 3086	51.8		11.9	7.31	2.91				.751	550			77	37
2	3087	51.3		3.27	3.45	5.00				3.27	210			9	78
3	3088	52.6		9.35	4.97	2.40				3.07	190			142	54
4	3089	61.2		7.83	2.95	3.91				.600	650			7	39
5	3090	49.0		11.6	7.94	2.53				.851	600			106	59
6	3091	53.7		8.44	6.25	1.51				2.30	160			122	74
7	3092	52.8		9.54	5.04	1.46				2.34	60			148	99
8	BCS 0708	51.8		10.9	3.28	3.44				1.02	330			11	31
9	0710	27.4		.453	20.2	.038				1.40	10			40	196
5 0	0711	55.0		.263	13.0	.011				1.03	200			25	152
1	0712	68.7		.768	2.24	3.50				.334	1220			16	40
2	0713	77.9		.094	.991	1.90				.150	1770			54	16
3	0714	34.0		.490	14.5	1.06				1.37	220			31	207
4	0715	53.5		.297	5.95	.599				1.10	1250			100	68
5	0716	68.9		.150	4.69	.062				.400	1360			16	83
6	0717	61.6		.102	9.27	.011				.884	250			30	89
7	0718	77.7		.473	1.00	3.02				.167	1430			93	22
8	0620	72.7	14.2	.067	3.71	.178	3.81	1.14	.046	.133	1850	2.95		2	23
9	0622	58.4	16.8	3.34	3.15	4.79	3.87	5.98	.093	.400	1690	2.10		3	28
6 0	0633	51.2	16.5	5.85	9.48	1.87	.037	9.57	.380	.769	70	4.80		150	650



*where?*

**ASSAY REPORT**

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

FILE NO.: 84-179

DATE: July 31, 1984

ATTENTION: A. Davidson cc. Dave Lefebure

PROJECT: Mt. Sicker

Sample Description	Au g/t	Ag g/t	Cu %	Pb %	Zn %	Ba %
BCS 0719	L.05	3.0	.82	L.01	.02	.01
2309	L.05	2.5	.36	L.01	.01	.01
2310	.20	6.0	1.14	.02	.12	.08
2313	L.05	4.0	.03	.30	.04	.05
2318	L.05	16.0	7.36	L.01	.02	.01
2327	L.05	.5	.35	.02	1.44	

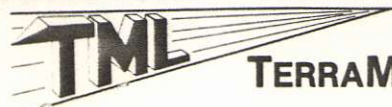
"L" indicates "less than"

Methods:

Au, Ag: fire assay, gravimetric finish  
 Cu, Pb, Zn: aqua regia digestion, AA finish  
 Ba: lithium metaborate fusion, AA finish.

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

*[Signature]*  
 Certified Assayer of British Columbia



# TERRAMIN RESEARCH LABS LTD.

Corporation Falconbridge Copper

Project Mt. Sicker

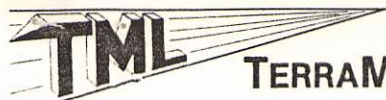
AUG 15 1984

JOB # 84-145

Page 1/2

	Client No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	K <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm	Cu ppm	Zn ppm	Au ppb	CO <sub>2</sub> %				
1	BCD 2851	49.2	10.9	6.22	2.43	.146	2.60	100	139	52						
2	2852	45.4	.351	13.3	.028	1.36	1.23	740	61	290						
3	2853	65.0	.196	3.73	.069	3.37	.317	1600	540	89						
4	2854	50.3	9.92	5.39	2.18	.658	2.92	230	198	61						
5	2855	52.8	2.64	5.85	.434	.930	.651	400	390	109						
6	3856	55.0	4.03	1.74	5.89	1.58	.667	1180	4	68						
7	2876	71.2	.157	1.17	.480		.150	2630	920	27						
8	2877	73.6	.339	1.55	2.63		.133	1170	270	26						
9	2878	71.9	.596	1.08	1.70		.133	1080	42	24						
10	2879	69.5	1.14	1.99	2.20		.150	1490	740	30						
1	2880	68.5	.748	1.69	2.16		.167	1030	2060	48						
2	2881	69.7	1.85	2.65	2.08		.150	1800	7	30						
3	BCS 2308	70.6	.256	1.18	.166	4.45	.167	2260	260	26						
4	2311										2					
5	2312										2					
6	2314	65.0	1.93	3.61	4.04		.400	670	37	44						
7	2315	47.9	3.97	7.33	2.60		.684	300	19	25	6					
8	2316	54.5	3.65	4.71	5.45		.667	160	29	20	2					
9	2317	52.6	5.86	7.23	2.67		.767	380	58	19	4					
2 0	2319	58.6	6.69	6.57	.022		.217	20	530	127	-2					





# TERRAMIN RESEARCH LABS LTD.

Corp. Falconbridge Copper

Mt. Sicker Project

SEP 11 1984

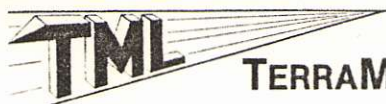
JOB # 84-185

Page 1/2

	Client No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm		Cu ppm	Zn ppm		Au ppb			
1	BCD 2861	78.7	1.75	3.08	.686	.150	1140		6	27		4			
2	2862	72.7	4.64	3.07	2.25	.234	780		10	34		-2			
3	2863	46.8	14.0	8.37	.044	.834	80		62	75		-2			
4	2864	72.9	2.39	5.85	1.46	.217	570		4	26		4			
5	2865	75.1	2.36	2.70	1.62	.183	1210		175	55		6			
6	2866	72.5	1.68	3.68	1.46	.200	1110		280	29		6			
7	2867	75.9	.902	2.17	2.82	1.83	690		19	52		4			
8	2882	76.6	1.44	3.76	1.13	.217	1790		8	102		8			
9	2883	77.9	.606	2.11	.643	.150	1600		56	20		-2			
10	BCS 720	52.2	.245	8.59	.063	1.03	910		35	78					
1	721	29.3	.309	16.9	.001	1.40	20		1370	161					
2	722	50.3	.180	13.2	.001	1.03	10		137	135					
3	723	41.3	.189	6.65	.026	.834	510		76	68					
4	724	73.4	-.001	5.12	.022	.651	420		178	68					
5	725	79.1	.006	2.16	.131	.167	1230		29	23					
6	726	75.7	-.001	1.16	.089	.250	1700		67	19					
7	727	55.0	.171	10.7	.012	.917	300		320	144		8			
8	728	68.2	.154	1.25	2.05	.267	900		3	111					
9	729	48.6	1.36	6.42	2.95	1.30	820		18	105					
20	730	86.8	.003	.466	.019	.050	70		196	21		18			







# TERRAMIN RESEARCH LABS LTD.

Corp. Falconbridge Copper

SEP 11 1984

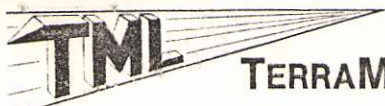
JOB # 84-202

Project 205

Page 1/1

	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>	L.O.I.				
		%	%	%	%	%	%	%	%	%	%				
1	BCD 2875	56.7	21.2	1.24	2.40	.231	6.64	5.35	.077	.984	5.10				
2															
3															
4															
5															
6															
7															
8															
9		Ba	Rb	Sr	V	Cr	Be	Cu	Pb	Zn	Ni	Co	Ag		
0		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
1	BCD 2875	2920	87	33	650	1650	1.8	44	7	37	193	46	0.4		
2															
3															
4															
5															
6															
7															
8															
9															
0															

*Green mica rock*



# TERRAMIN RESEARCH LABS LTD.

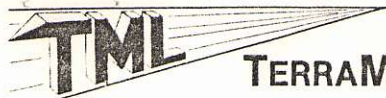
Corp. Falconbridge Copper  
Mt. Sicker 205-80

NOT 19 1974

JOB # 84-228

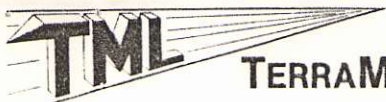
Page 1/5

	Client No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm		Cu ppm	Zn ppm		Au ppb			
1	BCD 2857											-2			
2	2858											2			
3	2859											2			
4	2860											6			
5	2868											18			
6	2869											26			
7	2870											28			
8	2871											20			
9	2872											12			
10	2873											26			
1	2874											6			
2	2884	49.4	10.5	5.50	2.32	2.55	110		169	73					
3	2887	70.2	3.89	3.51	.635	.217	1860		6	29					
4	2889	69.1	1.01	1.71	1.47	.250	1620		17	65					
5	2890	75.7	3.22	2.42	.539	.150	3030		320	57					
6	2891								2600	72		34			
7	2892								460	57		8			
8	2893								820	55		8			
9	2894								1230	59		6			
2 0	2895								1080	74		8			



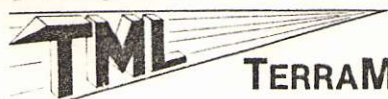
# TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm		Cu ppm	Zn ppm		Au ppb			
2 1	BCD 2896								550	17		8			
2	2898						2190					4			
3	2901	70.0	.329	3.13	14.0	.217	1780		58	29					
4	2902	66.5	.925	6.37	.813	.183	740		141	36					
5	2904	50.5	9.01	5.37	2.72	2.95	240		270	71		12			
6	2905	49.6	10.4	5.42	1.90	2.74	200		172	67					
7	2906								760			-2			
8	2907								1350			2			
9	2908								11400			484			
3 0	2909								40000			540			
1	2910								580			4			
2	2918	71.7	1.41	1.35	3.56	.150	820		3	16					
3	2920	74.2	2.43	1.84	3.42	.217	1310		4	28		-2			
4	2921	58.4	1.08	7.71	.577	.534	940		10	146		-2			
5	2922	50.3	9.40	5.26	2.49	2.99	150		198	70		6			
6	2923	47.9	9.63	3.80	2.68	2.35	200		320	121		6			
7	2924	76.2	2.15	2.75	1.00	.200	860		460	102		-2			
8	2925	67.6	2.08	1.17	3.24	.317	920		9	29		22			
9	2926	65.9	.299	3.65	1.69	.234	1060		4	113		4			
4 0	2927	64.8	.255	5.69	1.22	.234	1280		4	178		-2			



TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm		Cu ppm	Zn ppm		Au ppb			
4 1	BCD 2928	67.2	.602	3.88	3.03	.284	1110		270	56		6			
2	2932	69.7	.537	.681	.175	.150	2590		23	20		12			
3	2934	70.2	2.64	1.62	.652	.183	2130		60	51		6			
4	2935	70.8	.512	2.69	2.53	.150	1530		480	43		2			
5	2936	52.4	.250	7.63	.084	.484	1340		142	78		-2			
6	2937	54.3	1.55	8.26	4.14	.567	200		810	119		8			
7	2938	51.3	2.31	7.49	4.22	.517	120		320	73		-2			
8	BCS 0706	47.9	12.4	4.31	.927	.884	840		7	21					
9	0742	52.2	.183	12.9	.004	.534	10		1490	87					
5 0	0743	71.0	.168	.544	2.62	.234	600		4	35					
1	0744	69.1	.076	.275	.431	.200	2770		7	14					
2	0745	69.1	2.60	1.06	.101	.117	140		108	520					
3	0746	77.0	.301	.413	.255	.183	460		45	78					
4	0747	73.6	.031	1.71	.120	.150	1300		69	22					
5	0748	46.6	10.0	3.50	3.01	1.80	190		58	52		-2			
6	0748 A	48.3	10.9	6.35	1.89	1.78	220		161	45		14			
7	0749	70.6	.294	1.20	3.61	.133	590		5	33		4			
8	0749 A	73.6	.206	1.43	2.53	.133	880		11	20		6			
9	0750	71.2	.502	.869	4.11	.150	1080		2	18		4			
6 0	0750 A	53.9	2.92	3.68	4.35	.550	190		143	50		2			



# TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO <sub>2</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub> %	Ba ppm		Cu ppm	Zn ppm		Au ppb			
6 1	BCS 2338	48.1	8.81	4.94	2.44	2.74	140		320	70		16			
2	2342	72.7	1.75	2.95	2.98	.217	2140		112	151		8			
3	2343	69.7	.263	.844	.081	.133	5200		3	14		18			
4	2344	37.2	.869	3.98	.311	1.17	3430		3	92		2			
5	2346	74.0	.070	.167	2.47	.100	630		17	12		6			
6	2347	62.7	1.69	2.69	3.86	.250	750		90	28					
7	2348											6			
8	2349	61.4	4.11	1.72	4.29	.267	1180		5	48		4			
9	2911	72.3	1.19	1.89	2.57	.167	1530		29	16					
7 0	2912	72.1	.270	2.12	.217	.133	930		109	45					
1	2913	76.4	.276	2.06	2.21	.150	750		10	64					
2	2914	69.7	.374	3.00	.169	.183	1220		8	31					
3	2915	76.2	.462	3.80	.094	.183	800		24	59					
4	MB 84001	52.8	5.55	3.90	5.11	.634	70		460	48		6			
5	84002	68.7	1.43	.945	5.76	.167	110		3	19		4			
6	84003	51.3	2.15	4.49	5.59	.600	200		50	67		28			
7	84004	49.2	.309	.610	3.67	.617	9400		120	3		20			
8	84005	17.8	2.38	6.40	.035	.200	120		900	290		28			
9	84007	71.2	.311	.842	.096	.133	1210		22	36		32			
8 0	84008	59.9	.890	2.87	1.48	.450	2910		10	82		10			



**ASSAY REPORT**

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

FILE NO.: 84-266

DATE: Sept. 12, 1984

ATTENTION: A. Davidson

cc. D. Lefebure

PROJECT: Mt. Sicker

Sample Description	Au g/t	Ag g/t	Cu %	Pb %	Zn %	Ba %	Na <sub>2</sub> O %
BCS 2341 BD Trench	.30	3.5	1.00	L.01	.01	.13	
741 nr. Fortuna	L.05	3.5	1.18	L.01	.02	L.01	
BCD 2885 SRM 10	.150	7.0	1.74	L.01	.01	.15	
BD trench 2886 SRM 10	610	7.5	.41	.02	2.45	.01	
2900 SRM 11	180	6.5	3.20	L.01	.02	.14	
2916 SRM 14	15	.5	.01	L.01	.01		.16
2917 14 (middle of central panel)	60	1.0	.01	L.01	L.01	.01	
BD trench 2897 SRM 11	50	L.5	.01	L.01	L.01	.07	
2899 11	20	.5	.02	L.01	L.01	.14	
central panel on road 2929 MS 74-3	170	6.0	1.94	L.01	.08	.17	pyhor .15cm
2930	15	.5	.02	L.01	.01	.24	
2931	20	1.0	.06	L.01	.01	.24	
2933	25	.5	.02	.01	.01	.05	

"L" indicates "less than"

Results on page 1 are assays:

- Au, Ag: fire assay, gravimetric finish.
- Cu, Pb, Zn: aqua regia digestion, AA.
- Ba: lithium metaborate fusion, AA.
- Na: HF/HCl/HNO<sub>3</sub> digestion, AA.

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

  
 Certified Assayer of British Columbia

GEOCHEMICAL REPORT

Sample Description	Au (ppb)
BCD 2885	150
BCD 2886	610
BCD 2900	180
BCD 2916	15
BCD 2917	60
BCD 2897	50
BCD 2899	20
BCD 2929	170
BCD 2930	15
BCD 2931	20
BCD 2933	25

Results on page 2 are geochemical determinations:  
Au: fire assay, AA.

.....  
*Neil Dyer*