

826816

JOB # 83-098

Tamihi 1
92H/4

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Corp. Falconbridge Copper

JUN 2


TERRAMIN RESEARCH LABS LTD.

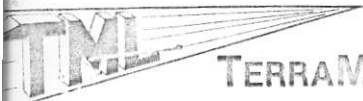
	Client No.	SiO ₂ %	CaO %	MgO %	Na ₂ O %	Fe ₂ O ₃ %	Ba ppm	Cu ppm	Zn ppm
	<i>TAMIHI. 1</i>								
1	C-S-1	49.6	4.62	5.34	5.69	8.12	570	50	66
2	2	66.5	.343	3.12	3.64	3.35	340	7	146
3	3	49.4	.716	9.19	4.34	10.2	80	75	400
4	4	67.8	.485	1.77	5.20	2.53	80	1	96
	5	66.7	.364	2.34	4.72	3.02	170	1	153
6	5 A	55.6	7.10	5.49	3.72	7.38	370	42	13
7	G-S-1	75.3	.239	1.76	2.55	2.43	248	17	77
8	2	67.2	.217	2.16	4.03	2.83	160	9	152
9	4	67.0	2.07	1.86	6.08	3.78	170	1	122
10	5	65.9	1.66	1.39	4.91	3.56	360	1	75
1	P-S-1	63.5	.235	2.37	5.55	7.46	130	61	131
2	2	67.4	.508	1.82	5.53	3.26	500	9	52
	3	81.9	.115	1.16	1.81	1.86	560	18	41
4	4	67.4	.476	2.59	3.87	3.46	230	1	75
5	5	71.0	.308	2.57	3.24	3.76	1900	13	116
6	6	41.3	.753	1.99	4.88	3.82	130	19	71
7	7	68.0	.497	.990	6.79	2.85	70	1	41
8	T-C-1	3 75.9	.080	2.29	2.79	2.89	430	92	135
9	2	3 68.0	.203	3.37	3.45	6.03	250	9	93
20	3	2 51.6	1.11	4.86	4.83	6.84	340	57	240

TERRAMIN RESEARCH LABS LTD.

	Client No.		SiO ₂ %	CaO %	MgO %	Na ₂ O %	Fe ₂ O ₃ %	Ba ppm	Cu ppm	Zn ppm
21	T-C-3 A	5	86.8	.104	.209	3.18	1.46	190	5	12
2	4	3	46.4	4.84	8.47	2.84	8.12	180	46	64
3	5	2	72.3	1.47	2.14	1.09	2.27	230	5	25
4	6	2	73.6	1.36	2.49	.647	2.67	140	9	39
	7	2	50.3	6.87	6.78	3.52	7.85	140	82	58
6	8	2	50.3	3.68	5.87	2.26	9.51	390	43	95
7	9	5	75.1	.104	1.89	3.64	2.39	170	19	129
8	10	3	69.1	.097	3.45	3.64	3.42	90	1	37
9	11	5	75.7	.045	2.84	2.36	2.83	140	1	32
3 0	11 A	9	54.3	6.87	5.22	3.60	7.11	380	39	13
1	12	3	75.9	.105	2.32	3.37	2.46	180	1	24
2	13	5	75.7	.066	1.04	5.03	3.02	20	3	12
3	14	4	74.9	.105	2.37	4.84	3.42	30	1	23
4	15	3	66.7	1.32	2.54	5.39	4.66	30	9	36
5	16	4	71.9	.132	1.97	4.33	2.52	60	1	77
6	17	2-3	46.0	.498	11.1	2.82	9.67	80	30	149
7	101	3	49.6	3.68	6.04	5.01	6.61	1050	57	45
8	102	3	48.8	4.09	5.21	5.19	7.81	500	75	54
9	103	3	55.0	1.71	5.17	2.93	11.4	280	14	113
4 0	104	3	53.5	1.08	6.02	4.79	10.7	100	79	72

TERRAMIN RESEARCH LABS LTD.

	Client No.		SiO ₂ %	CaO %	MgO %	Na ₂ O %	Fe ₂ O ₃ %	Ba ppm	Cu ppm	Zn ppm	
41	T-C-105	3	53.5	1.50	6.48	3.61	10.6	80	52	94	
2	106	3	70.8	.185	2.85	4.23	4.82	110	6	68	
3	107	3	52.2	4.25	5.17	3.38	10.7	240	95	77	
4	107 A	9	56.0	7.18	5.52	3.79	7.35	350	39	14	
	108	2	52.4	1.48	5.60	4.46	11.7	90	27	101	
6	109	2	74.4	.350	1.31	5.80	5.11	50	2	117	
7	110	2	52.2	.962	7.96	4.18	10.6	50	29	74	
8	111	2	57.1	.637	5.41	5.15	9.12	50	3	90	
9	112	4	77.0	.095	2.64	4.12	3.70	40	2	55	
50	113	2	53.5	.420	7.76	4.46	11.7	40	24	81	
1	114	4-5	79.8	.178	1.17	6.11	2.69	-10	31	44	
2	115	1	57.3	2.03	4.10	6.30	9.34	50	11	73	
3	116	4-5	81.1	.276	.595	5.73	2.57	30	1	80	
4	117	4	64.2	.790	2.27	7.45	4.25	140	4	100	
5	118	2	47.1	8.91	7.93	2.02	10.7	330	46	35	
6	119	1	50.1	2.18	7.11	4.85	12.2	50	28	86	
7	120	2	80.9	.378	.350	6.34	2.79	30	1	66	
8	121	2	52.6	.256	9.32	4.18	10.5	20	19	176	
9	122	7	56.0	.383	8.87	4.29	9.22	20	5	130	
60	123	3	73.6	.248	.390	6.66	4.35	30	1	90	



TERRAMIN RESEARCH LABS LTD.

Corporation Falconbridge Copper

PN 20

	Client No.		SiO ₂ %	CaO %	MgO %	Na ₂ O %	Fe ₂ O ₃ %	Ba ppm		Cu ppm	Zn ppm
1	TC - 18	2	50.9	4.73	6.47	5.19	8.79	260		65	62
2	19	2	50.5	3.51	7.64	4.73	8.74	210		54	47
3	20	3	52.6	4.03	4.69	5.88	10.2	240		67	1230
4	21	3	59.0	3.06	3.76	4.10	8.12	570		66	410
	22	6	62.5	.684	2.88	1.34	8.98	1140		43	98
6	23	3	51.3	3.85	4.29	5.85	9.38	360		56	149
7	24	2,7?	53.5	5.68	5.01	4.17	11.6	270		68	73
8	25	4	55.0	3.19	5.06	7.35	7.08	170		66	54
9	26	3	49.8	2.95	5.34	5.18	11.5	460		68	85
10	27	3	52.4	2.98	5.65	5.28	10.8	300		56	86
1	28	2-3	68.0	.932	1.41	5.07	7.24	230		17	92
2	29	3-4	57.5	1.73	4.68	5.08	11.0	120		140	47
3	30	6	59.9	.712	2.42	2.79	8.29	560		26	82
4	31	2	55.8	.832	5.77	4.15	11.9	130		84	90
5	32	2-1	49.4	7.65	7.26	4.07	8.55	80		53	51
6	33	2-1	53.5	2.10	5.97	6.42	9.11	550		81	105
7	34	2-1	51.1	1.96	8.79	5.39	9.32	340		18	61
8	35	2	72.1	.420	2.34	3.63	5.88	330		4	60
9	36	2-1	65.2	.371	3.70	5.78	5.05	310		2	85
20	37	3	56.0	3.16	3.70	5.57	9.11	170		31	57

TERRAMIN RESEARCH LABS LTD.

	Client No.		SiO ₂ %	CaO %	MgO %	Na ₂ O %	Fe ₂ O ₃ %	Ba ppm		Cu ppm	Zn ppm
2 1	TC - 38	2-1	50.7	5.79	6.91	4.76	10.5	200		77	66
2	39	2	48.1	4.02	7.39	5.01	9.09	250		38	62
3	40	2	50.5	8.21	5.45	4.64	8.52	80		20	56
4	40 A	9	56.2	7.27	5.70	3.98	8.68	380		37	18
	41	2	50.9	5.09	5.99	3.41	12.2	80		23	115
6	42	2	51.3	6.41	5.74	3.15	11.7	20		13	96
7	43	2-1	50.5	4.50	6.17	3.14	11.7	70		18	85
8	44	5	71.9	2.10	1.89	1.81	3.12	760		5	62
9	45	9	76.4	1.13	2.57	2.66	2.15	110		13	83
30	46	2	73.4	1.54	2.97	1.97	2.60	210		1	45
1	129	7	54.3	4.35	5.12	4.49	11.0	220		55	133
2	130	2?	51.8	5.55	4.99	4.65	13.3	260		27	85
3	131	2	49.0	7.02	6.70	4.39	9.22	120		40	62
4	132	2?	57.3	3.33	3.17	5.04	9.87	120		38	510
5	133	3-4	74.4	.729	.534	5.15	2.86	210		29	300
6	134	3-4	52.6	5.74	4.48	3.92	11.8	150		37	86
7	135	3-4	49.2	6.14	4.31	3.68	13.0	20		32	100
8	136	4	60.3	2.73	1.79	6.38	9.70	70		8	88
9	137	2	60.7	2.04	3.45	5.65	9.51	120		40	74
4 0	138	9	63.7	4.11	3.12	3.69	8.02	120		37	61

TERRAMIN RESEARCH LABS LTD.

	Client No.		SiO ₂ %	CaO %	MgO %	Na ₂ O %	Fe ₂ O ₃ %	Ba ppm		Cu ppm	Zn ppm
41	TC - 139	9	44.7	2.24	7.33	3.49	12.8	220		55	98
2	140	2	51.8	3.32	6.43	5.66	9.55	190		83	61
3	141	9	52.6	2.04	5.14	4.48	11.5	60		18	87
4	142	9	47.5	2.36	6.30	4.70	13.0	170		42	88
	143	2	51.1	6.35	6.27	3.94	8.62	150		16	43
6	144	2	50.3	6.30	6.73	3.28	7.62	210		57	52
7	145	2-1	59.0	1.45	2.97	5.39	8.88	290		8	79
8	146	2	52.0	2.45	7.05	4.48	8.15	230		93	55
9	146 A	9	56.0	7.09	5.47	3.91	7.99	370		37	16
5 0	147	7	67.6	.441	2.85	5.58	4.66	130		16	27
1	148	7?	53.0	3.12	.854	3.28	3.09	510		5	66
2	149	2	48.8	8.46	8.52	3.40	9.32	120		7	43
3	150	2	48.3	7.55	7.33	2.01	11.0	20		82	61
4	151	2?	59.9	1.54	4.24	4.84	5.81	180		12	62
5	152	2	49.8	8.31	11.3	2.36	7.46	90		16	35
6	153	9	64.2	3.81	1.74	3.34	5.32	530		8	69
7	154	7	69.7	2.57	1.62	2.02	3.06	340		9	43
8	155	9	64.6	3.25	1.91	2.26	6.71	870		17	93
9	245	3	51.8	1.04	7.58	3.65	10.8	90		40	101
6 0	246	3	77.4	.095	1.81	4.88	2.90	40		2	62

TERRAMIN RESEARCH LABS LTD.

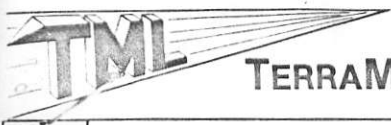
	Client No.		SiO ₂ %	CaO %	MgO %	Na ₂ O %	Fe ₂ O ₃ %	Ba ppm		Cu ppm	Zn ppm
61	TC - 247	2	55.8	3.47	2.82	4.37	9.82	90		14	87
2	248	2	52.0	.228	6.71	3.63	14.1	20		6	77
3	249	3	78.9	.080	1.94	4.12	2.80	10		2	54
4	250	3	53.7	2.63	4.21	5.45	10.4	10		21	97
	251	3	52.0	.264	9.72	4.34	10.0	20		45	142
6	252	9	54.8	.329	6.55	4.46	11.3	30		26	189
7	253	3	62.9	.208	6.60	4.72	6.56	10		56	460
8	254	5-4	71.9	.271	.744	.319	8.39	430		47	36
9	255	4-3	72.7	.139	1.53	5.77	4.09	60		2	47
70	256	3	51.1	4.20	4.59	3.64	8.71	120		51	61
1	257	3	51.3	4.85	3.18	3.92	10.1	90		4	75
2	258	9	52.8	5.41	3.13	3.57	9.54	50		24	72
	259	6	59.5	2.15	4.11	4.21	9.77	460		42	86
4	260	2	75.7	1.47	2.16	3.14	5.26	220		15	47
5	261	2	56.9	2.55	4.03	4.46	9.58	430		24	90
6	262	2	54.1	5.26	3.98	2.62	8.99	460		45	85
7	263	2-1	59.9	2.01	3.56	5.07	7.84	380		18	78
8	264	6	65.0	1.11	3.18	2.48	8.48	1050		25	85
9	265	6	64.6	.270	3.05	2.84	10.1	330		19	93
80	265 A	9	58.6	7.41	5.50	3.94	8.09	340		37	18

TERRAMIN RESEARCH LABS LTD.

	Client No.		SiO ₂ %	CaO %	MgO %	Na ₂ O %	Fe ₂ O ₃ %	Ba ppm	Cu ppm	Zn ppm	
61	T-C-123 A	9	56.7	7.27	5.54	3.77	7.81	360	40	13	
2	124	2	60.1	1.47	4.91	5.28	8.11	30	1	110	
3	125	1-2	51.3	.602	10.5	3.80	11.0	30	16	260	
4	126	2	59.3	.758	5.90	3.92	9.50	40	21	128	
	127	2	57.3	1.73	4.28	5.15	10.6	70	33	99	
6	128	2	52.8	9.75	6.52	2.41	7.44	60	61	48	
7	201	7	52.6	2.95	5.14	5.14	9.12	180	63	58	
8	202	2	52.4	4.10	5.32	4.04	9.78	300	90	66	
9	203	2	57.8	3.20	4.16	5.73	8.82	60	5	58	
7 0	204	3	78.7	.238	1.16	5.23	2.96	80	1	49	
1	205	5	59.9	1.28	6.02	2.94	6.86	250	49	48	
2	205 A	9	58.0	7.26	5.74	3.73	7.91	370	38	12	
3	206	6	74.0	1.64	.589	5.50	2.29	100	17	35	
4	207	3	52.4	4.11	8.22	2.56	8.25	50	68	46	
5	208	2	54.3	4.57	7.99	2.25	8.12	20	68	44	
6	209	3	57.5	8.03	5.37	2.18	8.14	50	23	88	
7	210	3	50.9	5.85	5.50	4.43	9.11	180	85	57	
8	211	3	70.6	1.59	2.69	5.68	3.90	20	16	29	
9	212	3	50.5	5.89	3.50	4.81	11.3	60	25	71	
8 0	213	2	49.8	6.86	5.34	2.80	10.9	90	26	68	

TERRAMIN RESEARCH LABS LTD.

	Client No.		SiO ₂ %	CaO %	MgO %	Na ₂ O %	Fe ₂ O ₃ %	Ba ppm	Cu ppm	Zn ppm	
81	T-C-214	1	76.8	.851	.478	6.24	3.60	40	2	62	
2	215	5	85.4	.091	.938	1.83	1.47	360	74	42	
3	216	2	58.4	.271	7.13	3.21	8.44	640	196	510	
4	217	2	53.7	4.28	9.63	3.41	8.81	70	21	47	
	218	2	50.9	.700	9.73	4.17	10.1	140	14	70	
6	219	2	49.4	4.70	9.62	3.64	9.58	500	24	51	
7	220	7	49.4	4.28	7.59	4.30	8.27	240	15	40	
8	221	6	61.0	5.90	2.95	1.24	5.16	580	24	122	
9	222	2	61.6	.392	4.24	5.61	6.75	90	46	130	
90	223	3	49.8	4.52	9.57	4.48	8.85	120	69	240	
1	224	2	76.2	1.57	.537	5.61	2.47	60	5	72	
2	225	2	56.5	.618	7.44	3.29	9.67	320	34	77	
3	226	2	51.3	2.53	10.2	1.59	8.62	190	74	51	
4	227	2	50.5	5.20	8.37	1.11	7.18	490	81	46	
5	228	2	50.7	5.34	4.34	4.76	13.3	100	15	79	
6	229	2	52.8	2.95	6.00	3.76	9.75	240	40	53	
7	230	2	56.3	2.66	6.52	4.17	8.18	140	4	58	
8	231	2	49.6	3.32	10.8	1.48	8.65	180	80	56	
9	232	2	52.8	2.83	7.81	1.46	9.05	390	171	63	
100	233	2	75.5	.154	1.87	2.66	2.33	250	2	53	



TERRAMIN RESEARCH LABS LTD.

	Client No.		SiO ₂ %	CaO %	MgO %	Na ₂ O %	Fe ₂ O ₃ %	Ba ppm		Cu ppm	Zn ppm
81	TC - 266	5	91.5	.221	1.26	.065	4.90	60		60	44
2	267	6	51.3	1.76	10.8	1.47	9.09	340		70	63
3	268	2	52.8	6.11	8.02	2.24	9.17	90		41	52
4	269	2	62.9	2.80	2.64	4.19	6.28	280		7	93
5	270	2	58.6	4.31	3.25	5.10	9.25	280		22	99
6	HL - 1		70.2	.283	1.15	6.51	3.26	80		2	61
7	2		50.5	2.48	5.92	5.23	8.44	320		51	79
8	3		71.4	.353	1.33	6.70	3.56	80		5	53
9	4		74.4	.449	.811	6.52	2.92	10		9	32
90	5		50.3	7.88	7.81	4.17	9.18	70		49	54
1	6		74.2	.274	.605	4.15	3.12	230		3	60
2	7		71.4	.263	.993	4.45	2.60	160		1	66
3	8		72.5	.658	2.44	4.23	3.25	210		1	83
4	9		72.1	.348	1.27	7.23	3.35	270		21	45
5	10		73.6	.540	1.58	5.46	3.86	350		15	47
6	11		71.2	1.86	1.32	4.69	3.68	260		1	63
7	12		65.5	.930	1.86	4.29	4.90	300		25	69
8	13		65.9	4.80	2.25	4.08	5.49	80		23	60
9	14		69.3	1.54	2.02	3.75	3.33	290		2	38
10 0	15		72.7	2.36	1.40	3.77	2.82	170		6	44