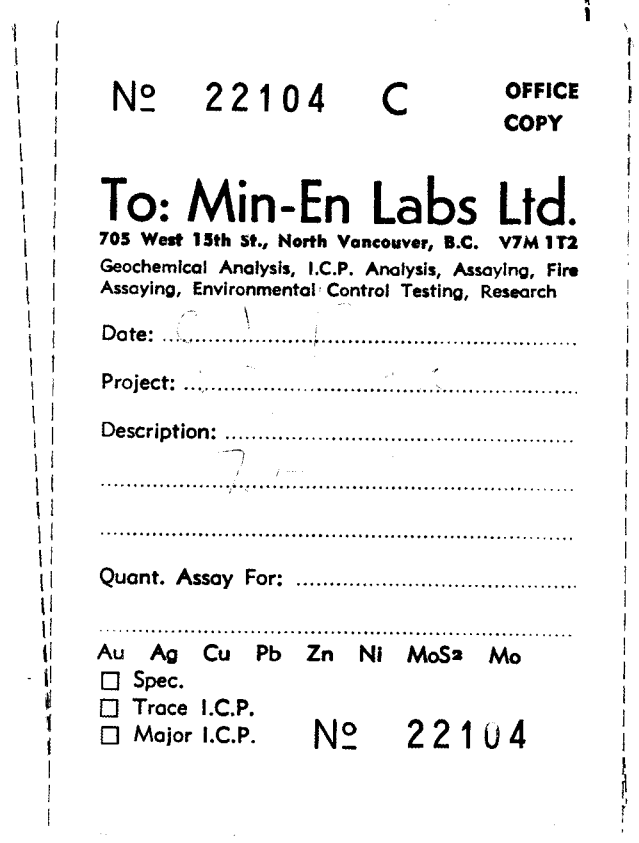
~~DOS~~ HARRISON LAKE EAST (NORTH FORKS) RECCE

NFORKS.1

826662

North Forks 12
92H/~~SE~~
(Harrison Hot Springs)

- samples prefixed NF
- numbers include NF1–87, NF 101–200, NF 201–300, NF 401–431 and NF 501–506
- no coordinate data (EAST, NORTH)
- Rock type ~~see~~ see yellow books (codes in ink)
- LABELS Rock SiO2 CAO MGO NA2O FE2O3 BA CU ZN
- SPECIAL VALUES ALL 9999 Rock 9



№ 22104 C

OFFICE COPY

To: Min-En Labs Ltd.

705 West 15th St., North Vancouver, B.C. V7M 1T2

Geochemical Analysis, I.C.P. Analysis, Assaying, Fire Assaying, Environmental Control Testing, Research

Date: .....

Project: .....

Description: .....

.....

.....

Quant. Assay For: .....

.....

Au Ag Cu Pb Zn Ni MoS_2 Mo

☐ Spec.
☐ Trace I.C.P.
☐ Major I.C.P.

№ 22104

№ 22104 C OFFICE COPY

To: Min-En Labs Ltd.

705 West 15th St., North Vancouver, B.C. V7M 1T2
Geochemical Analysis, I.C.P. Analysis, Assaying, Fire Assaying, Environmental Control Testing, Research

Date: Oct 1/87

Project: North Fork

Description: 87-1
70-80

Quant. Assay For:

Au Ag Cu Pb Zn Ni MoS_2 Mo
☐ Spec.
☐ Trace I.C.P.
☐ Major I.C.P. № 22104

№ 22105 C OFFICE COPY

To: Min-En Labs Ltd.

705 West 15th St., North Vancouver, B.C. V7M 1T2
Geochemical Analysis, I.C.P. Analysis, Assaying, Fire Assaying, Environmental Control Testing, Research

Date: Oct 1/87

Project: North Fork

Description: 87-1
28-38

Quant. Assay For:

Au Ag Cu Pb Zn Ni MoS_2 Mo
☐ Spec.
☐ Trace I.C.P.
☐ Major I.C.P. № 22105

№ 22106 C OFFICE COPY

To: Min-En Labs Ltd.

705 West 15th St., North Vancouver, B.C. V7M 1T2
Geochemical Analysis, I.C.P. Analysis, Assaying, Fire Assaying, Environmental Control Testing, Research

Date: Oct 1/87

Project: N. Fork

Description: 87-1
289-299

Quant. Assay For:

Au Ag Cu Pb Zn Ni MoS_2 Mo
☐ Spec.
☐ Trace I.C.P.
☐ Major I.C.P. № 22106

JOB # 83-220

Page

Corp. Falconbridge Copper

RESEARCH LABS LTD.

	Client No. NFORKS.1	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	Rock Type
X 1	NF - 1	58.6	8.56	6.90	1.56	9.24	250		83	47	2
2	2	51.6	6.35	5.65	4.38	12.2	170		42	64	2
3	3	53.1	5.83	7.36	1.02	10.7	730		63	65	2
4	4	58.8	6.66	7.03	2.18	8.89	650		44	36	2
5	5	57.5	8.56	7.06	2.32	9.70	130		47	76	2
6	6	N.R.									
7	7	92.0	2.01	.773	.419	2.57	210		23	53	6
8	8	52.0	13.2	5.67	2.10	11.5	10		11	16	1
9	9	53.5	11.3	8.27	2.79	11.3	10		33	15	1
0	10	56.3	7.08	3.28	2.99	11.9	590		20	83	7
1	11	51.8	11.1	6.17	2.39	12.0	80		11	18	1
2	12	55.6	10.5	7.06	3.11	10.6	50		85	21	1
3	13	95.0	1.21	.932	.148	2.43	10		89	20	6
4	14	52.4	9.49	8.19	2.75	12.9	10		147	230	1
5	15	52.2	13.6	3.81	1.91	12.0	20		36	22	1
6	16	53.7	10.2	5.07	2.59	12.6	20		88	42	1
7	17	54.1	9.65	7.58	2.70	14.3	20		33	27	1
8	18	61.6	5.62	8.72	2.79	7.19	80		45	27	1
9	19	47.5	7.39	2.37	3.80	15.2	200		150	142	6
0	20	51.8	12.7	3.48	1.07	14.3	10		51	49	1

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2	CaO	MgO	Na_2O	Fe_2O_3	Ba ppm		Cu ppm	Zn ppm	Rock Type
1	NF -21	51.8	12.0	5.39	2.91	12.0	30		43	125	1
2	22	49.6	6.56	2.06	4.31	15.4	130		41	199	3
3	23	72.5	4.31	5.36	1.62	7.25	730		30	44	1
4	24	53.5	11.1	5.97	3.15	10.6	130		38	39	1
5	24a	60.1	7.08	5.19	3.61	8.09	460		34	43	9
6	25	47.7	7.06	7.81	2.36	14.2	380		3	78	1
7	25a	50.1	11.0	9.25	2.44	11.4	10		23	19	1
8	26	84.7	1.08	.541	.812	.739	140		58	18	6
9	27	52.6	1.10	5.04	3.02	11.6	60		95	20	1
0	28	72.7	4.76	2.60	3.98	4.59	40		109	10	7
1	29	53.7	11.3	6.73	2.91	12.5	20		20	18	1
2	30	54.3	10.3	6.02	3.15	13.7	100		37	26	1
3	31	55.0	6.02	8.51	2.93	14.2	10		230	39	1
4	32	57.3	7.43	3.40	3.29	13.8	80		30	64	1
5	33	53.5	10.6	5.31	3.45	12.2	50		186	28	1
6	34	53.1	10.2	3.51	3.33	14.5	50		67	48	1
7	35	51.6	10.3	6.64	3.28	11.9	40		3	18	1
8	36	54.5	9.07	4.54	3.71	11.3	80		380	27	1
9	37	62.0	1.76	3.80	2.28	8.39	690		5	370	7
0											

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	
1	38	54.8	7.44	11.7	1.58	9.27	320		55	59	1
2	39	55.0	7.40	6.35	2.76	10.7	240		40	82	1
3	40	52.4	8.17	6.52	3.61	12.4	80		28	57	1
4	41	50.3	10.6	4.68	2.47	12.5	10		60	82	1
X5	42	50.5	10.1	5.87	2.83	12.0	30		61	45	1
X6	NF - 101	61.6	2.35	4.18	5.66	8.77	150		43	173	2
7	102	70.6	8.74	1.99	.241	5.38	10		29	26	6
8	103	53.1	9.90	13.5	.954	10.5	210		22	29	2
9	104	53.1	8.62	6.42	3.56	11.3	40		16	36	1
0	105	51.1	7.13	7.20	3.11	14.3	150		52	57	2
1	106	48.8	12.2	4.78	4.19	9.35	90		51	43	2
2	107	55.2	6.37	4.41	5.59	10.0	30		47	57	2
3	108	52.6	9.07	8.57	2.91	9.84	600		41	32	2
4	109	60.8	5.11	3.76	4.17	11.4	30		41	63	2
5	110	55.6	9.46	5.62	3.64	11.2	30		3	30	7
6	111	69.3	3.72	.783	4.74	2.89	350		79	53	6
7	112	51.1	9.99	6.10	4.65	13.6	30		73	28	7
8	113	52.2	6.37	8,56	2.71	11.1	10		20	21	1
9	113a	58.2	7.05	5.37	3.46	8.27	400		37	29	9
0											

TERRAMIN RESEARCH LABS LTD.

Corp. Falconbridge Copper

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	R.T.
X 1	NF - 043	53.5	10.1	10.1	2.31	9.57	50		3	16	1
2	044	75.9	4.16	1.24	3.45	4.40	60		7	24	6
3	045	51.1	9.19	5.84	3.96	12.6	80		370	28	1
4	046	53.3	11.4	8.72	3.11	10.8	100		58	12	1
5	047	71.9	2.17	1.92	3.94	6.64	280		71	82	1
6	048	53.5	8.73	3.58	4.57	11.1	70		146	40	1
7	049	52.4	12.4	7.49	2.43	10.2	90		6	9	1
8	050	49.4	12.4	4.84	2.87	10.6	60		240	22	1
9	051	53.1	11.5	7.43	2.25	11.7	30		20	12	1
10	052	52.8	9.70	7.21	3.24	14.0	80		7	36	1
1	053	52.0	10.1	7.59	3.26	12.2	70		44	22	1
2	054	53.6	7.64	10.8	3.22	12.3	30		48	39	1
3	055	52.6	9.77	6.76	3.69	10.9	50		22	16	1
4	056	53.1	11.2	7.96	3.19	10.1	50		27	16	1
5	057	51.8	10.8	7.73	2.84	11.0	60		10	22	1
6	058	64.4	2.34	2.35	3.46	6.41	1420		43	103	1
7	059	58.2	7.61	5.67	4.07	7.58	420		45	14	9
8	060	44.7	15.4	2.55	1.64	12.4	100		64	38	1
9	061	57.1	7.23	14.5	.727	14.9	100		15	37	1
20	062	48.3	9.60	7.68	2.24	15.3	130		25	22	1

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	R.T.
X 1	114	52.0	10.8	7.46	2.87	11.1	80		7	25	1
2	115	53.9	10.5	6.40	2.99	12.7	80		6	20	1
3	116	52.6	9.89	7.23	2.82	12.3	20		12	22	1
4	117	52.2	10.2	6.42	3.07	13.2	10		125	40	1
5	118	50.7	8.88	8.99	3.05	11.3	40		75	23	1
6	119	50.7	8.94	9.05	2.90	11.4	50		52	21	1
7	120	51.3	10.6	7.84	2.94	11.2	40		32	18	1
8	121	51.6	10.7	8.27	2.64	9.94	10		13	15	1
9	122	51.6	8.97	5.79	3.26	12.8	40		30	35	1
0	123	53.9	8.18	6.76	4.11	8.61	120		22	23	4
1	124	46.6	10.2	7.34	2.31	12.6	130		260	28	1
2	125	51.1	7.44	6.88	2.97	14.2	690		39	37	1
3	126	50.5	11.0	8.02	2.56	11.5	70		76	19	1
4	127	50.1	10.9	5.07	2.63	11.4	60		61	30	1
5	128	49.8	9.83	6.60	2.35	13.8	100		61	48	6
6	129	48.3	13.0	6.58	2.02	12.2	70		47	22	1
7	130	52.0	6.86	5.47	2.43	14.2	230		120	33	1
8	131	52.2	8.98	6.38	2.78	13.5	250		45	37	1
9	132	51.8	7.90	8.07	2.93	12.1	30		10	39	1
0	133	51.3	10.3	6.40	2.75	12.7	170		61	28	1

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	R.T.
X 1	NF - 134a	50.9	8.35	5.11	2.70	13.5	180		42	74	1
2	134b	50.5	9.88	5.54	2.51	13.9	50		71	24	1
3	135	49.6	9.35	3.38	3.10	14.0	110		40	53	1
4	136	53.5	4.46	5.79	2.97	13.7	220		34	70	1
5	137	51.1	10.3	7.08	2.67	11.4	30		75	23	1
6	138	51.3	10.3	4.79	2.72	14.0	30		47	31	1
7	139	51.6	5.46	7.93	3.34	11.8	50		67	56	1
8	140	51.3	6.04	6.35	3.36	13.6	40		32	65	9
9	141	4.98	9.58	7.59	1.97	12.3	90		43	50	9
0	142	53.5	8.28	5.87	2.09	11.9	140		48	59	1
1	143	53.5	8.65	5.75	2.05	13.6	80		37	59	4
2	144	50.3	10.1	5.54	2.97	12.4	30		31	45	1
3	144a	53.5	6.86	5.60	3.52	8.27	440		36	27	1
4	145	47.7	9.95	7.10	2.97	11.9	190		7	45	1
5	146	49.0	7.11	4.73	3.90	13.9	30		26	56	4
6	147	49.8	9.28	7.88	3.06	11.8	10		3	40	4
7	148	50.1	7.25	5.92	3.59	10.3	360		32	64	4
8	149	57.9	4.84	2.85	4.41	13.2	290		100	46	4
9	150	53.7	6.59	5.17	4.79	11.1	110		26	27	4
0	X NF - 201	52.6	5.86	5.47	3.28	9.38	390		68	56	2

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	R.T.
1	NF - 202	55.4	2.73	5.44	2.75	12.2	190		70	460	2
2	203	67.6	2.25	1.91	2.75	4.65	390		22	63	2
3	204	46.8	4.81	4.49	4.60	11.4	190		6	176	2
4	205	46.6	9.16	6.71	3.09	12.4	60		69	47	2
5	206	45.6	8.56	11.9	.539	10.4	1720		7	28	2
6	207	47.1	9.95	9.65	2.75	10.8	70		48	19	2
7	208	45.6	10.9	8.34	2.67	10.1	10		42	27	2
8	209	47.3	11.5	6.12	2.94	11.2	30		55	28	1
9	210	45.6	10.8	7.63	2.76	10.5	30		46	30	1
0	211	48.3	6.09	9.80	3.03	11.7	20		230	90	2
1	212	51.8	11.3	6.93	1.71	12.0	30		21	28	2
2	213	52.0	8.84	5.36	2.43	13.3	70		34	53	1
3	214	51.8	10.4	18.9	.253	8.72	20		3	35	2
4	215	49.0	10.6	5.54	3.59	10.6	190		146	30	2
5	216	50.3	7.34	8.32	4.50	12.9	240		250	50	1
6	217	49.8	9.60	8.26	2.91	11.2	90		21	57	1
7	218	52.0	7.46	3.73	3.37	13.2	70		30	57	2
8	219	49.8	10.5	5.07	2.22	13.6	30		49	37	1
9	220	41.3	2.88	7.39	1.12	14.7	750		70	115	2
0	220a	53.5	7.05	5.26	3.38	8.18	420		37	34	29

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	R.T.
1X	NF - 221	47.1	4.87	6.17	2.72	14.0	850		107	56	2
2	222	52.0	5.48	4.86	4.54	11.3	160		37	43	2
3	223	48.1	7.65	4.61	2.74	9.22	610		35	23	2
4	224	52.4	10.1	4.41	2.01	13.1	400		87	45	2
5	225	50.1	7.72	5.42	3.61	12.4	130		52	54	2
6	226	53.3	7.53	3.93	4.35	12.4	180		169	39	2
7	227	50.5	10.1	5.19	2.56	13.8	10		72	44	2
8	228	48.8	6.60	7.08	3.42	11.7	60		72	50	2
9	229	50.3	6.45	5.54	4.70	11.3	10		100	48	2
0	230	66.3	2.95	2.12	3.60	6.38	410		70	110	7
1	231	52.0	7.11	8.79	3.05	11.8	10		123	51	2
2	232	49.2	9.88	6.28	2.51	13.8	100		380	30	1
3	233	76.6	2.11	2.90	.049	12.0	10		1160	50	2
4	234	67.4	3.96	1.38	2.35	3.89	750		48	178	1
5X	235	53.9	10.0	16.2	.237	12.4	10		2700	37	1
6											
7											
8											
9											
0											

Corporation Falconbridge Copper

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	R.T.
X 1	NF - 0069	53.9	11.2	5.94	2.76	11.2	170		20	40	1
2	0070	50.5	9.43	5.11	2.62	13.0	300		300	71	1
3	0071	57.8	7.12	5.99	4.95	9.02	390		42	37	4
4	0072	54.1	9.74	6.00	3.07	12.4	60		25	38	1
5	0073	50.9	13.4	4.56	2.22	9.52	50		35	36	1
6	0074	53.5	9.14	6.47	2.49	13.3	60		22	54	1
7	0075	54.3	8.67	4.15	2.56	13.7	150		36	60	1
8	0076	51.5	10.4	6.23	3.55	12.4	20		20	16	1
9	0077	52.6	10.9	7.84	3.48	10.5	20		10	15	1
10	0078	52.4	10.9	7.01	3.11	11.8	30		11	19	1
1	0079	51.3	11.4	7.61	3.01	11.0	10		24	12	1
2	0080	50.9	13.6	7.11	2.01	9.32	30		22	11	1
3	0081	53.0	11.2	7.51	3.32	11.0	20		35	20	1
4	0081 a	52.8	9.75	7.01	2.76	14.0	90		23	25	9
5	0082	50.7	13.1	7.16	2.14	10.1	40		48	22	1
6	0083	51.1	5.18	7.61	1.77	14.5	1030		49	81	1
7	0084	62.2	4.38	7.46	3.36	8.34	30		104	260	1
8	0085	53.5	11.7	7.33	2.57	10.6	30		69	30	1
9	0086	60.7	6.83	3.47	3.59	6.68	680		79	44	1
X 20	0087	54.3	9.86	8.56	2.66	9.54	20		77	150	1

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	R.T.
21	NF - 063	49.8	11.6	7.34	3.07	11.3	100		32	14	1
2	064	46.2	12.8	6.13	1.79	18.3	50		24	36	1
3	065	51.8	9.72	6.53	2.31	17.2	40		8	19	1
4	066	56.9	4.64	1.91	3.38	5.16	460		93	40	6
	067	51.1	10.0	6.08	2.93	16.7	40		9	26	1
6	068	53.9	8.65	13.2	2.14	10.7	30		26	22	1
7	151	61.0	5.54	2.55	4.64	6.95	1090		49	171	1
8	152	57.1	7.33	3.78	5.10	15.7	180		35	38	4
9	153	47.3	9.86	10.1	2.62	14.1	70		33	41	1
30	154	52.4	9.81	7.99	3.44	11.1	190		54	30	4
1	155	50.1	15.3	6.00	2.43	6.88	60		65	9	1
2	156	52.8	11.1	8.01	3.36	9.90	150		3	15	2
3	157	54.8	11.7	7.39	2.51	10.3	100		30	33	1
4	158	57.3	8.52	3.98	6.28	7.54	130		50	19	1
5	159	52.2	11.5	7.53	3.71	10.7	150		38	21	1
6	160	51.1	7.39	7.58	3.72	10.5	360		37	40	1
7	161	53.5	10.6	5.54	2.91	11.8	60		32	38	1
8	162	51.3	9.46	8.44	2.80	12.2	130		50	40	1
9	163	48.8	16.7	5.64	1.83	8.67	90		66	15	4
40	164	55.0	10.5	5.11	2.32	11.7	110		38	33	4

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	
41	X NF - 165	54.1	9.99	5.64	2.95	10.6	630		66	34	4
2	166	52.6	8.83	6.90	1.28	13.9	110		48	60	4
3	167	52.4	8.04	5.64	4.53	9.52	110		16	56	2
4	168	57.8	6.41	4.87	4.45	8.58	490		40	50	7
5	169	50.9	7.12	9.62	3.45	12.0	170		32	62	1
6	170	62.5	7.89	4.46	.930	14.3	100		430	60	1
7	171	37.4	20.7	5.80	2.53	8.69	140		9	40	1
8	172	50.9	11.7	6.75	2.84	12.2	120		28	39	1
9	173	52.6	8.25	8.16	4.69	8.95	60		78	28	1
0	174	51.3	11.1	8.75	3.22	8.99	50		50	27	1
1	175	53.9	6.46	3.12	2.62	10.6	40		163	80	4
2	175 A	57.8	7.78	5.90	4.00	7.74	410		40	15	9
3	176	55.4	5.05	5.14	4.43	14.3	130		38	65	1
4	177	52.2	12.1	6.12	3.09	10.4	50		54	43	1
5	178	53.3	5.37	3.40	4.84	12.1	170		32	123	1
6	179	44.7	15.7	5.41	2.57	11.6	60		48	46	1
7	180	57.1	2.03	2.77	4.66	10.0	880		7	88	2
8	181	50.3	8.09	6.57	4.17	10.9	230		26	53	2
9	182	52.4	9.71	5.47	3.84	10.4	20		57	34	2
60	X 183	48.3	10.2	6.50	2.87	11.5	200		38	40	2

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	
61	X NF - 184	52.8	10.6	6.25	3.75	8.82	180		42	25	2
2	185	55.8	5.06	3.15	4.97	8.72	210		12	87	1
3	186	62.9	3.76	1.26	4.45	4.82	410		17	82	3
4	187	53.7	5.23	3.81	4.38	7.65	590		65	69	3
5	188	59.7	7.55	5.14	2.88	8.45	70		54	45	3
6	189	51.6	8.48	10.8	2.86	10.3	20		32	38	1
7	190	51.3	9.72	6.45	3.52	14.0	60		69	29	1
8	191	51.6	9.16	11.5	2.84	9.81	80		20	24	1
9	192	49.6	6.66	23.4	.090	9.40	10		90	27	1
70	193	55.8	12.7	16.8	.383	11.1	20		1	5	1
1	194	50.5	10.1	4.06	2.49	13.8	50		71	80	1
2	195	60.3	9.81	2.40	5.89	6.35	650		14	54	1
3	196	49.2	6.38	10.2	3.30	9.65	30		240	260	1
4	197	49.6	9.96	11.6	1.44	12.8	80		73	19	4
5	197 A	52.6	7.05	5.16	3.61	7.61	380		41	18	9
6	198	48.1	11.5	7.74	2.41	10.7	150		9	19	4
7	199	48.3	10.6	8.99	2.79	12.5	90		43	15	1
8	200	50.7	9.79	9.32	2.87	10.4	120		2	22	1
9	236	45.6	12.1	3.91	2.70	12.2	50		15	100	2
80	X 237	61.4	4.57	3.05	4.60	6.25	130		73	48	2

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	Rock Type.
81 X	NF - 238	50.5	7.11	6.08	1.67	10.4	420		50	62	2
2	239	56.9	3.15	3.96	4.74	8.22	180		16	67	2
3	240	61.4	4.29	2.09	3.28	8.28	280		14	87	2
4	241	64.8	3.15	2.07	1.36	6.75	1080		31	86	1
	242	57.1	5.43	5.57	4.33	6.75	380		15	39	2
6	243	56.3	6.58	4.00	3.48	7.69	140		30	48	2
7	244	62.7	6.09	3.60	1.94	6.92	70		49	44	9
8	245	65.7	2.98	4.51	4.74	6.44	170		63	35	2
9	246	45.8	11.8	3.98	2.17	13.2	60		147	52	1
90	247	52.4	4.06	4.11	4.73	13.2	370		25	55	1
1	248	50.1	7.05	6.05	3.88	13.0	30		24	59	1
2	249	50.1	4.77	5.80	4.52	11.4	20		57	64	1
3	250	49.0	8.88	4.66	4.31	13.8	380		50	52	1
4	251	53.1	4.63	3.96	5.51	12.9	210		78	55	1
5	252	64.8	3.27	1.67	3.19	5.61	710		38	380	1
6	253	53.3	7.00	6.80	3.64	8.57	1260		16	63	1
7	254	52.6	5.93	5.16	4.48	8.65	230		38	49	1
8	255	54.5	3.48	4.68	5.04	13.6	110		26	46	1
9	256	49.6	8.00	4.84	2.95	13.6	330		16	85	1
0 X	256 A	56.3	7.60	5.52	3.79	8.08	390		38	16	9

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	Rock Type
101	NF - 257	51.6	4.97	4.05	4.56	12.8	180		10	44	1
2	258	49.2	8.04	5.55	2.43	13.1	760		9	44	1
3	259	47.5	9.50	5.82	2.18	14.1	100		106	52	1
4	260	49.6	9.00	5.52	2.93	12.9	320		36	46	1
5	261	48.3	9.46	5.70	2.94	13.1	70		50	43	2
6	262	47.9	6.84	6.10	2.74	12.9	70		59	66	2
7	263	49.4	9.83	7.63	2.22	10.5	770		34	33	2
8	264	48.3	8.59	5.59	2.52	13.8	70		78	65	2
9	265	49.8	1.66	4.28	4.02	13.2	570		45	140	2
0	266	51.3	3.34	4.81	3.86	13.0	520		15	63	2
1	267	44.1	8.38	4.03	3.40	10.5	360		78	71	2
2	268	52.8	.476	3.75	6.85	9.38	220		58	81	2
3	269	46.8	5.71	4.34	3.19	14.7	370		26	93	1
4	270	72.1	1.75	2.64	1.69	5.79	550		22	70	2
5	271	53.3	5.39	5.36	4.73	8.32	330		40	38	1
6	272	52.4	10.8	3.02	1.42	12.1	10		11	68	2
7	273	52.6	7.09	4.94	3.41	11.8	50		17	113	2
8	274	43.6	7.48	8.22	2.97	14.4	30		3	83	2
9	275	49.4	8.74	4.97	3.48	13.4	100		38	38	1
120	276	56.9	9.18	3.88	3.17	13.4	90		72	45	1

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	Rock Type
121	NF - 277	49.2	10.1	6.76	2.76	11.4	20		33	33	1
2	278	47.9	12.1	7.51	2.35	10.2	10		42	15	1
3	279	48.3	12.3	6.08	2.67	10.5	10		52	20	1
4	280	48.1	11.3	6.13	2.55	12.2	20		53	30	1
	280 B	55.2	7.32	5.36	3.83	7.69	350		44	19	9
6	281	50.3	6.88	7.97	3.19	10.4	120		61	33	1
7	(?) 383	54.5	3.55	4.63	3.59	12.2	100		26	89	3
8	284	44.5	10.9	5.24	2.62	16.0	60		19	22	1
9	285	47.3	11.9	7.25	2.66	11.4	60		14	9	1
0	286	48.6	11.1	6.60	3.07	11.3	90		17	21	2
1	287	46.2	11.7	6.95	2.48	12.7	90		16	19	1
2	288	44.9	12.2	5.45	1.73	13.7	90		79	37	1
3	289	49.2	9.72	5.95	2.97	12.6	60		53	60	1
4	290	49.4	9.65	5.90	2.91	12.0	100		27	22	1
5	291	46.8	11.0	3.40	2.48	12.4	240		93	57	2
6	401	50.3	9.23	9.48	3.28	9.15	280		3	17	1
7	402	44.3	9.15	1.23	1.70	13.3	140		55	34	1
8	403	44.9	13.1	6.00	3.42	11.6	50		175	17	4
9	404	48.3	10.2	6.96	3.36	10.8	340		19	12	1
0	405	56.5	6.66	2.35	2.26	6.76	340		43	63	1

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	Rock Type
21	NF - 0292	50.9	11.9	7.88	2.59	10.2	80		28	35	1
2	0293	53.7	10.5	6.71	3.71	9.14	50		36	30	2
3	0294	55.0	8.73	7.33	3.65	9.47	60		55	37	2
4	0295	55.2	8.04	5.74	4.30	9.18	40		58	43	2
5	0296	47.9	9.54	11.2	1.64	11.1	10		21	56	2
6	0297	50.7	12.9	12.0	.751	8.52	200		59	30	2
7	0298	60.3	5.72	5.97	5.55	7.08	90		125	28	2
8	0299	57.3	12.2	7.58	1.28	9.48	60		77	35	2
9	0300	50.7	11.3	3.70	.438	6.19	50		17	30	2
30	0418	59.5	2.84	3.56	4.79	7.00	760		130	103	6
1	0419	59.0	11.6	7.46	3.01	14.0	80		48	35	4
2	0420	53.1	8.62	7.20	2.87	11.8	260		42	40	4
3	0421	52.6	9.89	8.29	3.42	10.7	50		2	18	4
4	0422	50.9	11.1	8.56	3.19	9.59	80		99	19	4
5	0428	51.1	11.5	9.30	2.79	9.54	20		49	25	4
6	0424	47.9	11.2	7.49	3.07	9.65	160		38	34	1
7	0425	52.6	8.30	5.12	4.02	12.2	100		43	32	1
8	0425 a	51.6	9.72	6.40	3.48	10.4	40		10	17	1
9	0426	60.3	7.58	2.50	1.26	6.24	380		35	80	6
0	0427	47.9	5.55	5.59	3.96	14.7	120		59	75	1

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	Rock Type
141	NF - 408	52.2	3.54	3.50	.940	10.8	360		15	106	6
2	409	48.8	13.1	6.15	1.75	10.4	140		37	12	1
3	410	49.6	6.39	15.6	1.29	10.5	20		7	18	1
4	411	43.2	6.53	21.6	.178	10.1	10		4	27	1
	412	47.7	11.1	10.4	1.28	11.1	20		72	9	1
6	413	47.9	10.7	5.67	2.40	11.2	90		15	37	1
7	414	48.8	11.6	6.40	1.91	13.2	230		20	16	1
8	415	50.1	9.51	6.13	3.64	10.8	50		36	10	1
9	416	47.5	9.83	7.05	2.84	11.4	100		63	19	1
0	416 A	55.2	7.27	5.17	3.80	7.36	360		39	15	9
151	417	47.1	10.9	6.73	2.91	10.9	90		53	21	1
2											
3											
3 4											
5											
6											
7											
8											
9											
0											

TERRAMIN RESEARCH LABS LTD.

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm	Rock Type
41	NF - 0428	59.9	3.08	1.84	2.62	6.13	830		18	70	6
2	0429	72.1	3.32	1.42	1.95	1.79	980		9	40	6
3	0430	50.5	5.16	5.32	4.03	13.2	280		53	80	1
4	0431	54.5	4.99	4.18	3.34	11.9	400		16	84	1
5	0502	49.8	10.7	7.03	3.32	12.1	30		19	24	1
6	0503	51.8	10.3	8.27	3.07	11.0	20		25	14	1
7	0504	50.5	11.4	7.96	2.88	10.6	10		11	16	1
8	0504 a	58.0	6.70	3.56	3.56	7.04	660		80	47	9
9	0505	52.2	9.54	9.22	3.18	11.2	30		7	22	1
50	0506	48.1	11.1	8.87	2.62	11.5	60		18	35	1
1	0507	53.1	9.56	6.40	2.06	10.1	70		34	42	9
2	HZ - 0185	50.5	8.32	6.58	4.10	11.9	10		27	43	
3	0186	46.8	11.9	7.38	2.16	12.1	30		54	36	
4	0187	48.8	12.3	6.17	2.12	12.8	20		40	39	
5	0188	52.4	8.62	5.80	4.29	11.9	20		42	40	
6	0189	47.5	8.28	7.11	3.06	12.1	20		80	60	
7	0190	49.8	9.58	6.80	3.10	11.6	30		68	39	
8	0191	52.6	9.97	5.72	2.51	11.3	10		43	37	
9	0192	51.3	8.95	6.52	3.64	11.8	30		46	43	
60	0193	48.8	8.88	7.58	2.75	12.0	40		40	64	

Corp. Falconbridge Copper
6415 - 64 St.
Delta, B.C.
To: V4K 4E2

File No.: 83 - 31
Date: April 11, 1983
Samples: Rock chips

NORTH FORKS

CDN RESOURCE LABORATORIES LTD.

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

ASSAY REPORT

Sample No.	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %	Ni %	Co %	
0051	.002	.24	.01	.01	7.31 (porous sout py banded)	.01	<.01	NF3
0052	.024	1.06	4.90	<.01	cp .99 py mtx	.01	.03	NF2,
0053	.002	.30	.46	<.01	po .56 rich ~ cp blebs	.02	.01	NF
0054	.008	.66	5.15	<.01	6.52 po rich ~ cp blebs	.01	.01	NF5
0055	.008	.80	3.10	<.01	1.49	.01	.01	Misc.
0056	.002	.18	.11	.01	.38	5 stringer		

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

Licensed Assayer of British Columbia

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

To: Corp. Falconbridge Copper
6415 - 64 St.
Delta, B.C.
V4K 4E2

Invoice No.: 83-31

Date: April 11, 1983

File No.	Sample Type	Description			
83-31	chips	6 Au/Ag	@	11.00	66.00
		6 Cu	@	7.00	42.00
		6 Zn	@	6.50	39.50
		5 Pb	@	6.00	30.00
		5 Ni	@	7.00	35.00
		5 Co	@	7.00	35.00
					247.50
				less 17%	42.08
					205.42
				Total	205.42

THIS IS YOUR INVOICE
PLEASE PAY THE AMOUNT SHOWN
TERMS: 30 DAYS

metriclab (1980) inc.
CASIER POSTAL 440, 3388, CHEMIN OKA
STE-MARTHE-SUR-LE-LAC, QUÉ., J0N 1P0
TÉLEX: 05-835543
TÉL.: (514) 473-0920

MAR 3 1 1983

CORPORATION FALCONBRIDGE COPPER,
6415 - 4th Street,
R.R.# 5,
DELTA, B.C.
Att.: Mr. Yan D. Pirie

RÉSULTATS # 0336869 COMMANDE # PROJET # DATE : 83-03-24

PAGE

RÉSULTATS D'ANALYSES/ASSAY REPORT

ÉCHANTILLONS SAMPLES	Cu ppm	Zn ppm	MgO %	Na_2O %	K_2O %
NF1- 23	84	51	8.48	3.98	2.19
NF1- 50	83	16	.32	.13	.17
NF1- 69	71	19	5.70	2.10	.80
NF1- 88	28	36	.92	.27	.61
NF1-125	56	51	6.88	3.77	2.23
NF1-158	29	10	9.63	2.82	.39
NF1-186	59	43	8.84	2.48	.23
NF1-226	85	47	4.55	4.28	1.47
NF1-252	68	23	8.48	3.05	.34
NF2- 24	74	14	7.52	3.25	.74
NF2- 65	90	41	1.07	.40	.88
NF2- 88	49	12	6.50	2.14	.73
NF2-135	178	105	4.24	3.32	2.37
NF2-177	68	27	6.40	2.36	1.04
NF2-249	3320	762	9.68	1.95	1.92
NF3-200	92	28	8.42	2.55	.26
NF3-226	62	73	5.61	4.29	2.40
NF4-384	57	15	7.90	2.54	.25
NF4-412	1660	637	10.02	2.51	.97
NF4-435	99	22	6.88	2.67	.34

metriclab (1980) inc. H. Blais

metriclab (1980) inc.

Casier postal 440, 3388, Chemin Oka, Ste-Marthe-sur-le-Lac, Qué., J0N 1P0
TÉL.: (514) 473-0920 TÉLEX: 05-835543

A CORPORATION FALCONBRIDGE COPPER,
6415 - 4th Street,
R.R. #5,
DELTA, B.C.

Att.: Mr. Ian D. Pirie

FACTURE # 0336869
RÉSULTATS # 0336869
COMMANDE #
PROJET #
DATE: March 24th, 1983.

20	Cu at $1.50 each	$ 30.00
20	Zn at $0.75 each	$ 15.00
20	MgO at $3.50 each	$ 70.00
20	Na_2O at $2.50 each	$ 50.00
20	K_2O at $2.50 each	$ 50.00
		$ 215.00
	Less 10%:	21.50
		$ 193.50
		$ 193.50

H. Blais

H. Blais

METRICLAB (1980) INC.

North Fork 203

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP WHOLE ROCK ANALYSIS

A .100 GRAM SAMPLE IS DIGESTED UNDER PRESSURE WITH 5 MLS 1:1 HNO3 TO HF AND DILUTED TO 20 MLS WITH 5% BORIC ACID.

SAMPLE TYPE - CORE

DATE RECEIVED MARCH 2 1983 DATE REPORTS MAILED Mar 10/83 ASSAYER D Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

FALCONBRIDGE FILE # 83-0198

SAMPLE #	MGO %	NA2O %	K2O %	CU ppm	ZN ppm	
NF1-23	8.78	4.19	1.79	48	85	silicified zone — heterogeneous, epidote swirls loc. looks volcanic.
NF1-50	.34	.14	.04	75	2	
NF1-69	5.85	2.25	.61	75	57	
NF1-88	.96	.28	.40	19	23	
NF1-125	6.80	3.89	1.85	58	135	
NF1-158	10.49	3.08	.22	38	67	diorite
NF1-186	9.35	2.66	.11	67	298	start of chloritization/sulphides
NF1-226	4.69	4.91	1.26	92	81	below sulphides, rel. unaltered.
NF1-252	8.35	3.02	.16	69	148	
NF2-24	7.85	3.55	.54	82	68	heterogeneous, epidot swirls
NF2-65	1.16	.40	.71	97	34	silicified zone
NF2-88	6.56	2.27	.55	54	46	heterogeneous, epidot swirls, chl., bio
NF2-135	4.04	3.39	1.91	192	102	same, more sheared.
NF2-177	7.24	2.77	.94	80	63	same. more massive
NF2-214	10.00	3.40	.64	137	398	strong chlorite, sheared, sulphides
NF2-249	11.64	2.32	1.82	3918	1052	as above with more sulphides
NF3-200	9.33	2.97	.14	104	86	all close to sulphides
NF3-266	5.85	4.75	2.12	65	129	
NF4-384	7.81	2.56	.14	50	57	
NF4-412	10.82	2.68	.80	1856	902	
NF4-435	7.34	2.91	.20	94	59	

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppm.
SAMPLE TYPE - CORE

DATE RECEIVED MARCH 2 1983 DATE REPORTS MAILED Mar 10/83 ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

FALCONBRIDGE FILE # 83-0198

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	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
NF1-23	1	41	1	33	.1	23	16	349	2.18	2	2	ND	2	2	1	2	3	81	.35	.04	2	76	1.66	43	.21	5	1.48	.05	1.43	2
NF1-50	1	81	3	13	.1	20	7	125	.66	2	6	ND	2	1	1	2	2	12	.08	.02	2	4	.17	11	.01	5	.16	.01	.06	2
NF1-69	1	73	1	17	.1	24	8	182	.79	2	2	ND	2	11	1	2	2	32	.76	.03	2	72	.60	46	.13	8	.76	.03	.37	2
NF1-88	1	21	4	32	.1	26	2	269	1.05	2	2	ND	2	3	1	2	2	12	.09	.01	6	8	.51	75	.05	4	.65	.01	.40	2
NF1-125	1	57	1	50	.1	39	22	311	2.96	2	2	ND	2	3	1	2	4	93	.58	.07	2	87	2.12	40	.23	5	2.04	.12	1.79	2
NF1-158	1	30	1	9	.1	18	5	123	.68	2	2	ND	2	2	1	2	2	25	.61	.01	2	51	.74	5	.11	4	.61	.08	.12	2
NF1-186	1	61	2	48	.1	13	9	203	1.33	2	2	ND	2	2	1	2	2	46	.96	.05	2	25	.83	4	.05	8	.80	.17	.03	2
NF1-226	1	96	1	45	.1	42	19	342	2.24	2	2	ND	2	4	1	3	2	66	.66	.04	2	96	1.34	30	.21	6	1.54	.11	1.17	2
NF1-252	1	72	2	26	.2	45	16	222	1.33	2	2	ND	2	5	1	2	2	34	.72	.04	2	43	.80	4	.10	4	.74	.10	.09	2
NF2-24	1	81	1	13	.1	10	5	181	.93	2	2	ND	2	8	1	3	2	39	1.00	.04	2	28	.65	3	.18	4	.70	.10	.06	2
NF2-65	3	96	3	40	.1	37	9	179	1.25	2	3	ND	2	2	1	2	2	20	.12	.01	6	9	.54	126	.05	4	.58	.02	.37	2
NF2-88	1	56	1	10	.1	19	6	167	.59	2	2	ND	2	10	1	2	2	24	1.56	.01	2	57	.45	20	.15	5	.64	.03	.23	2
NF2-135	1	184	1	100	.1	61	36	439	3.64	2	2	ND	2	5	1	2	4	112	.37	.05	2	93	2.15	83	.24	2	2.10	.06	2.01	2
NF2-177	1	82	2	26	.1	32	13	206	1.50	2	2	ND	2	10	1	3	3	51	.68	.05	2	93	1.27	25	.22	3	1.22	.05	.79	2
NF2-214	1	130	4	193	.1	46	17	271	4.03	6	2	ND	2	2	1	5	6	108	.32	.03	2	125	2.97	21	.13	5	2.79	.07	.61	2
NF2-249	4	3383	13	699	1.5	34	69	227	10.91	20	2	ND	2	1	2	9	8	149	.16	.04	2	84	3.68	55	.22	2	3.30	.03	1.70	2
NF3-200	1	102	2	29	.1	16	10	241	1.62	2	2	ND	2	3	1	2	3	56	.84	.04	2	28	1.16	2	.05	3	1.14	.16	.05	2
NF3-226	1	61	1	72	.1	43	25	454	3.24	3	2	ND	2	4	1	6	4	100	.45	.04	2	148	2.13	46	.25	4	2.29	.09	2.08	2
NF4-384	1	64	2	14	.1	12	13	183	1.45	2	2	ND	2	3	1	2	2	55	.95	.05	2	12	.83	4	.11	5	.87	.15	.05	2
NF4-412	1	1858	7	659	.5	33	69	321	6.82	13	2	ND	2	3	3	6	6	102	.60	.03	2	94	3.09	28	.15	2	2.96	.07	.74	2
NF4-435	1	106	3	19	.1	14	5	188	.75	2	2	ND	2	4	1	2	2	27	.71	.03	2	31	.59	10	.15	5	.63	.07	.14	2

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppm.
SAMPLE TYPE - CORE

DATE RECEIVED MARCH 2 1983 DATE REPORTS MAILED Mar 10/83 ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

FALCONBRIDGE FILE # 83-0198 PAGE # 1

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	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
NF1-23	1	41	1	33	.1	23	16	349	2.18	2	2	ND	2	2	1	2	3	81	.35	.04	2	76	1.66	43	.21	5	1.48	.05	1.43	2
NF1-50	1	81	3	13	.1	20	7	125	.66	2	6	ND	2	1	1	2	2	12	.08	.02	2	4	.17	11	.01	5	.16	.01	.06	2
NF1-69	1	73	1	17	.1	24	8	182	.79	2	2	ND	2	11	1	2	2	32	.76	.03	2	72	.60	46	.13	8	.76	.03	.37	2
NF1-88	1	21	4	32	.1	26	2	269	1.05	2	2	ND	2	3	1	2	2	12	.09	.01	6	8	.51	75	.05	4	.65	.01	.40	2
NF1-125	1	57	1	50	.1	39	22	311	2.96	2	2	ND	2	3	1	2	4	93	.58	.07	2	87	2.12	40	.23	5	2.04	.12	1.79	2
NF1-158	1	30	1	9	.1	18	5	123	.68	2	2	ND	2	2	1	2	2	25	.61	.01	2	51	.74	5	.11	4	.61	.08	.12	2
NF1-186	1	61	2	48	.1	13	9	203	1.33	2	2	ND	2	2	1	2	2	46	.96	.05	2	25	.83	4	.05	8	.80	.17	.03	2
NF1-226	1	96	1	45	.1	42	19	342	2.24	2	2	ND	2	4	1	3	2	66	.66	.04	2	96	1.34	30	.21	6	1.54	.11	1.17	2
NF1-252	1	72	2	26	.2	45	16	222	1.33	2	2	ND	2	5	1	2	2	34	.72	.04	2	43	.80	4	.10	4	.74	.10	.09	2
NF2-24	1	81	1	13	.1	10	5	181	.93	2	2	ND	2	8	1	3	2	39	1.00	.04	2	28	.65	3	.18	4	.70	.10	.06	2
NF2-65	3	96	3	40	.1	37	9	179	1.25	2	3	ND	2	2	1	2	2	20	.12	.01	6	9	.54	126	.05	4	.58	.02	.37	2
NF2-88	1	56	1	10	.1	19	6	167	.59	2	2	ND	2	10	1	2	2	24	1.56	.01	2	57	.45	20	.15	5	.64	.03	.23	2
NF2-135	1	184	1	100	.1	61	36	439	3.64	2	2	ND	2	5	1	2	4	112	.37	.05	2	93	2.15	83	.24	2	2.10	.06	2.01	2
NF2-177	1	82	2	26	.1	32	13	206	1.50	2	2	ND	2	10	1	3	3	51	.68	.05	2	93	1.27	25	.22	3	1.22	.05	.79	2
NF2-214	1	130	4	193	.1	46	17	271	4.03	6	2	ND	2	2	1	5	6	108	.32	.03	2	125	2.97	21	.13	5	2.79	.07	.61	2
NF2-249	4	3383	13	699	1.5	34	69	227	10.91	20	2	ND	2	1	2	9	8	149	.16	.04	2	84	3.68	55	.22	2	3.30	.03	1.70	2
NF3-200	1	102	2	29	.1	16	10	241	1.62	2	2	ND	2	3	1	2	3	56	.84	.04	2	28	1.16	2	.05	3	1.14	.16	.05	2
NF3-226	1	61	1	72	.1	43	25	454	3.24	3	2	ND	2	4	1	6	4	100	.45	.04	2	148	2.13	46	.25	4	2.29	.09	2.08	2
NF4-384	1	64	2	14	.1	12	13	183	1.45	2	2	ND	2	3	1	2	2	55	.95	.05	2	12	.83	4	.11	5	.87	.15	.05	2
NF4-412	1	1858	7	659	.5	33	69	321	6.82	13	2	ND	2	3	3	6	6	102	.60	.03	2	94	3.09	28	.15	2	2.96	.07	.74	2
NF4-435	1	106	3	19	.1	14	5	188	.75	2	2	ND	2	4	1	2	2	27	.71	.03	2	31	.59	10	.15	5	.63	.07	.14	2

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP WHOLE ROCK ANALYSIS

A .100 GRAM SAMPLE IS DIGESTED UNDER PRESSURE WITH 5 MLS 1:1 HNO3 TO HF AND DILUTED TO 20 MLS WITH 5% BORIC ACID.

SAMPLE TYPE - CORE

DATE RECEIVED MARCH 2 1983 DATE REPORTS MAILED Mar 10/83 ASSAYER D Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

FALCONBRIDGE FILE # 83-0198

SAMPLE #	MGO %	NA2O %	K2O %	CU ppm	ZN ppm	
NF1-23	8.78	4.19	1.79	48	85	— silicified zone; heterogeneous, epidote swirls loc. looks volcanic.
NF1-50	.34	.14	.04	75	2	
NF1-69	5.85	2.25	.61	75	57	
NF1-88	.96	.28	.40	19	23	
NF1-125	6.80	3.89	1.85	58	135	
NF1-158	10.49	3.08	.22	38	67	— diorite
NF1-186	9.35	2.66	.11	67	298	— start of chloritization/sulphides
NF1-226	4.69	4.91	1.26	92	81	> below sulphides, rel. unaltered.
NF1-252	8.35	3.02	.16	69	148	>
NF2-24	7.85	3.55	.54	82	68	— heterogeneous, epidot swirls
NF2-65	1.16	.40	.71	97	34	— silicified zone
NF2-88	6.56	2.27	.55	54	46	— heterogeneous, epidot swirls, chl, bio
NF2-135	4.04	3.39	1.91	192	102	— same, more sheared.
NF2-177	7.24	2.77	.94	80	63	— same, more massive
NF2-214	10.00	3.40	.64	137	398	— strong chlorite, sheared, sulphides
NF2-249	11.64	2.32	1.82	3918	1052	— as above with more sulphides
NF3-200	9.33	2.97	.14	104	86	? all close to sulphides
NF3-266	5.85	4.75	2.12	65	129	?
NF4-384	7.81	2.56	.14	50	57	
NF4-412	10.82	2.68	.80	1856	902	?
NF4-435	7.34	2.91	.20	94	59	

Sample No.	MgO		Na_2O		K_2O		Cu		Zn	
	Acme	Metric.	Acme	Metric.	Acme	Metric.	Acme	Metric.	Acme	Metric.
NF1-23	8.78	8.48	4.19	3.98	1.79	2.19	48	88	85	51
NF1-50	.34	.32	.14	.13	.04	.17	75	83	2	16
NF1-69	5.85	5.70	2.25	2.10	.61	.80	75	71	57	19
NF1-88	.96	.92	.28	.27	.40	.61	19	28	23	36
NF1-125	6.80	6.88	3.89	3.77	1.85	2.23	58	56	135	51
NF1-158	10.49	9.63	3.08	2.82	.22	.39	38	29	67	10
NF1-186	9.35	8.84	2.66	2.48	.11	.23	67	59	298	43
NF1-226	4.69	4.55	4.91	4.28	1.26	1.47	92	85	81	47
NF1-252	8.35	8.48	3.02	3.05	.16	.34	69	68	148	23
NF2-24	7.85	7.52	3.55	3.25	.54	.74	82	74	68	14
NF2-65	1.16	1.07	.40	.40	.71	.88	97	90	34	41
NF2-88	6.56	6.50	2.27	2.14	.55	.73	54	49	46	12
NF2-135	4.04	4.24	3.39	3.32	1.91	2.37	192	178	102	105
NF2-177	7.24	6.40	2.77	2.36	.94	1.04	80	68	63	27
NF2-249	11.64	9.68	2.32	1.95	1.82	1.92	3918	3320	1052	762
NF3-200	9.33	8.42	2.97	2.55	.14	.26	104	92	86	28
NF3-266	5.85	5.61	4.75	4.29	2.12	2.40	65	62	129	73
NF4-384	7.81	7.90	2.56	2.54	.14	.25	50	57	57	15
NF4-412	10.82	10.02	2.68	2.51	.80	.97	1856	1660	902	637
NF4-435	7.34	6.88	2.91	2.67	.20	.34	94	99	59	22

TERRAMIN RESEARCH LABS LTD.

Corporation Falconbridge Copper

203. FILE

JOB # 83-268

	Client No.	SiO_2 %	Al_2O_3 %	CaO %	MgO %	Na_2O %	K_2O %	Fe_2O_3 %	MnO %	TiO_2 %		Cu ppm	Zn ppm		
1	BCS - 0057	51.8	12.7	9.23	6.38	3.68	.815	12.0	0.217	1.75		60	43		
2	BCD - 0101	47.9	14.5	12.7	6.95	2.40	.675	11.2	0.197	1.25		51	22		
3	0102	49.6	15.3	7.30	4.89	2.64	2.59	13.1	0.204			60	108		
4	0103	51.3	13.4	9.95	8.61	2.08	.217	12.3	0.207	1.32		44	48		
5	0104	49.4	15.1	9.51	6.25	2.72	1.10	12.9	0.971	1.18		270	143		
6	0105	49.8	15.1	10.9	6.33	2.68	.289	12.0	0.630	1.02		390	105		
7	0106	49.8	14.7	8.98	9.67	2.66	.408	11.1	0.223	1.07		186	1150		
8	0107	49.4	14.2	10.9	7.58	2.64	.927	11.4	0.209	1.27		104	40		
9	0108	50.9	14.9	8.83	7.46	2.86	1.49	11.7	0.278	1.00		55	87		
10	0109	47.3	15.7	14.3	6.02	1.71	.578	9.78	0.165	1.12		57	17		
1	0110	50.5	13.4	6.45	9.47	1.93	.289	14.4	0.163	1.25		20	64		
2	0111	44.7	14.0	3.54	10.8	2.70	1.48	19.6	0.136	1.10		2020	770		
3	0112	50.9	16.1	10.3	5.22	3.34	.831	11.8	0.209	1.17		102	78		
4	0113	51.8	15.7	8.03	5.39	2.91	2.02	13.0	0.240	1.15		74	107		
5	0114	50.5	14.2	10.1	9.30	2.16	.308	12.6	0.207	1.32		60	38		
6	0115	49.6	13.8	5.74	9.82	2.16	1.09	14.5	0.216	1.25		510	260		
7	0116	49.8	18.1	10.3	4.82	3.81	.768	10.6	0.178	1.02		115	124		
8	0117	48.8	15.7	11.4	9.98	2.33	.824	8.86	0.160	0.57		58	45		
9	0118	49.8	16.6	8.37	5.35	3.67	1.61	10.7	0.188	1.23		56	86		
20	0119	49.8	16.8	7.62	6.30	3.14	2.27	12.1	0.185	1.22		30	86		

	Client No.	SiO_2 %	Al_2O_3 %	CaO %	MgO %	Na_2O %	K_2O %	Fe_2O_3 %	MnO %	TiO_2 %		Cu ppm	Zn ppm		
21	BCD - 0120	49.4	15.5	11.0	6.85	3.17	.978	11.9	0.203	1.40		32	51		
2	0121	50.1	15.9	12.1	8.62	2.41	.930	9.29	0.164	0.95		41	27		
3	0122	50.7	16.1	8.21	6.40	3.56	.631	13.0	0.243	1.37		202	300		
4	0123	49.8	17.2	11.0	5.75	3.09	.705	10.5	0.207	1.02		35	50		
5	BCS - 0436	48.3	22.7	8.30	2.69	3.87	2.02	8.78	0.219	3.50		67	61		
6	0442	58.8	14.4	4.90	6.20	2.60	1.07	5.86	0.111	0.78		136	64		
7	0569	32.3	9.63	1.71	5.04	1.81	1.37	30.7	0.062	0.60		1670	1670		
8	0570	49.2	15.9	7.32	8.26	3.84	.603	12.4	0.204	0.87		290	980		
9	0571	51.3	18.9	9.33	4.91	4.03	1.59	10.6	0.190	1.03		61	90		
30	0572	49.8	18.7	11.3	4.69	3.42	1.10	10.7	0.196	1.02		77	61		
1	0491	53.9	14.7	6.03	6.38	4.79	.226	14.1	0.214	0.88					
32	0497	47.5	15.7	12.1	6.95	2.36	.364	11.3	0.188	1.12					
3															
4															
5															
6															
7															
8															
9															
0															

TERRAMIN RESEARCH LABS LTD.

Corp. Falconbridge Copper

FILE

JOB # 83-220

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm					
1	NF - 1	58.6	8.56	6.90	1.56	9.24	250		83	47					
2	2	51.6	6.35	5.65	4.38	12.2	170		42	64					
3	3	53.1	5.83	7.36	1.02	10.7	730		63	65					
4	4	58.8	6.66	7.03	2.18	8.89	650		44	36					
5	5	57.5	8.56	7.06	2.32	9.70	130		47	76					
6	6	N.R.													
7	7	92.0	2.01	.773	..419	2.57	210		23	53					
8	8	52.0	13.2	5.67	2.10	11.5	10		11	16					
9	9	53.5	11.3	8.27	2.79	11.3	10		33	15					
0	10	56.3	7.08	3.28	2.99	11.9	590		20	83					
1	11	51.8	11.1	6.17	2.39	12.0	80		11	18					
2	12	55.6	10.5	7.06	3.11	10.6	50		85	21					
3	13	95.0	1.21	.932	.148	2.43	10		89	20					
4	14	52.4	9.49	8.19	2.75	12.9	10		147	230					
5	15	52.2	13.6	3.81	1.91	12.0	20		36	22					
6	16	53.7	10.2	5.07	2.59	12.6	20		88	42					
7	17	54.1	9.65	7.58	2.70	14.3	20		33	27					
8	18	61.6	5.62	8.72	2.79	7.19	80		45	27					
9	19	47.5	7.39	2.37	3.80	15.2	200		150	142					
0	20	51.8	12.7	3.48	1.07	14.3	10		51	49					

	Client No.	SiO_2	CaO	MgO	Na_2O	Fe_2O_3	Ba ppm		Cu ppm	Zn ppm					
1	NF -21	51.8	12.0	5.39	2.91	12.0	30		43	125					
2	22	49.6	6.56	2.06	4.31	15.4	130		41	199					
3	23	72.5	4.31	5.36	1.62	7.25	730		30	44					
4	24	53.5	11.1	5.97	3.15	10.6	130		38	39					
5	24a	60.1	7.08	5.19	3.61	8.09	460		34	43					
6	25	47.7	7.06	7.81	2.36	14.2	380		3	78					
7	25a	50.1	11.0	9.25	2.44	11.4	10		23	19					
8	26	84.7	1.08	.541	.812	.739	140		58	18					
9	27	52.6	1.10	5.04	3.02	11.6	60		95	20					
0	28	72.7	4.76	2.60	3.98	4.59	40		109	10					
1	29	53.7	11.3	6.73	2.91	12.5	20		20	18					
2	30	54.3	10.3	6.02	3.15	13.7	100		37	26					
3	31	55.0	6.02	8.51	2.93	14.2	10		230	39					
4	32	57.3	7.43	3.40	3.29	13.8	80		30	64					
5	33	53.5	10.6	5.31	3.45	12.2	50		186	28					
6	34	53.1	10.2	3.51	3.33	14.5	50		67	48					
7	35	51.6	10.3	6.64	3.28	11.9	40		3	18					
8	36	54.5	9.07	4.54	3.71	11.3	80		380	27					
9	37	62.0	1.76	3.80	2.28	8.39	690		5	370					
0															

	Client No.	SiO_2 %	Cao %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm					
1	38	54.8	7.44	11.7	1.58	9.27	320		55	59					
2	39	55.0	7.40	6.35	2.76	10.7	240		40	82					
3	40	52.4	8.17	6.52	3.61	12.4	80		28	57					
4	41	50.3	10.6	4.68	2.47	12.5	10		60	82					
5	42	50.5	10.1	5.87	2.83	12.0	30		61	45					
6	NF - 101	61.6	2.35	4.18	5.66	8.77	150		43	173					
7	102	70.6	8.74	1.99	.241	5.38	10		29	26					
8	103	53.1	9.90	13.5	.954	10.5	210		22	29					
9	104	53.1	8.62	6.42	3.56	11.3	40		16	36					
0	105	51.1	7.13	7.20	3.11	14.3	130		52	57					
1	106	48.8	12.2	4.78	4.19	9.35	90		51	43					
2	107	55.2	6.37	4.41	5.59	10.0	30		47	57					
3	108	52.6	9.07	8.57	2.91	9.84	600		41	32					
4	109	60.8	5.11	3.76	4.17	11.4	30		41	63					
5	110	55.6	9.46	5.62	3.64	11.2	30		3	30					
6	111	69.3	3.72	.783	4.74	2.89	350		79	53					
7	112	51.1	9.99	6.10	4.65	13.6	30		73	28					
8	113	52.2	6.37	8,56	2.71	11.1	10		20	21					
9	113a	58.2	7.05	5.37	3.46	8.27	400		37	29					
0															

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm					
1	114	52.0	10.8	7.46	2.87	11.1	80		7	25					
2	115	53.9	10.5	6.40	2.99	12.7	80		6	20					
3	116	52.6	9.89	7.23	2.82	12.3	20		12	22					
4	117	52.2	10.2	6.42	3.07	13.2	10		125	40					
5	118	50.7	8.88	8.99	3.05	11.3	40		75	23					
6	119	50.7	8.94	9.05	2.90	11.4	50		52	21					
7	120	51.3	10.6	7.84	2.94	11.2	40		32	18					
8	121	51.6	10.7	8.27	2.64	9.94	10		13	15					
9	122	51.6	8.97	5.79	3.26	12.8	40		30	35					
0	123	53.9	8.18	6.76	4.11	8.61	120		22	23					
1	124	46.6	10.2	7.34	2.31	12.6	130		260	28					
2	125	51.1	7.44	6.88	2.97	14.2	690		39	37					
3	126	50.5	11.0	8.02	2.56	11.5	70		76	19					
4	127	50.1	10.9	5.07	2.63	11.4	60		61	30					
5	128	49.8	9.83	6.60	2.35	13.8	100		61	48					
6	129	48.3	13.0	6.58	2.02	12.2	70		47	22					
7	130	52.0	6.86	5.47	2.43	14.2	230		120	33					
8	131	52.2	8.98	6.38	2.78	13.5	250		45	37					
9	132	51.8	7.90	8.07	2.93	12.1	30		10	39					
0	133	51.3	10.3	6.40	2.75	12.7	170		61	28					

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm					
1	NF - 134a	50.9	8.35	5.11	2.70	13.5	180		42	74					
2	134b	50.5	9.88	5.54	2.51	13.9	50		71	24					
3	135	49.6	9.35	3.38	3.10	14.0	110		40	53					
4	136	53.5	4.46	5.79	2.97	13.7	220		34	70					
5	137	51.1	10.3	7.08	2.67	11.4	30		75	23					
6	138	51.3	10.3	4.79	2.72	14.0	30		47	31					
7	139	51.6	5.46	7.93	3.34	11.8	50		67	56					
8	140	51.3	6.04	6.35	3.36	13.6	40		32	65					
9	141	4.98	9.58	7.59	1.97	12.3	90		43	50					
0	142	53.5	8.28	5.87	2.09	11.9	140		48	59					
1	143	53.5	8.65	5.75	2.05	13.6	80		37	59					
2	144	50.3	10.1	5.54	2.97	12.4	30		31	45					
3	144a	53.5	6.86	5.60	3.52	8.27	440		36	27					
4	145	47.7	9.95	7.10	2.97	11.9	190		7	45					
5	146	49.0	7.11	4.73	3.90	13.9	30		26	56					
6	147	49.8	9.28	7.88	3.06	11.8	10		3	40					
7	148	50.1	7.25	5.92	3.59	10.3	360		32	64					
8	149	57.9	4.84	2.85	4.41	13.2	290		100	46					
9	150	53.7	6.59	5.17	4.79	11.1	110		26	27					
0	NF - 201	52.6	5.86	5.47	3.28	9.38	390		68	56					

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm					
1	NF - 202	55.4	2.73	5.44	2.75	12.2	190		70	460					
2	203	67.6	2.25	1.91	2.75	4.65	390		22	63					
3	204	46.8	4.81	4.49	4.60	11.4	190		6	176					
4	205	46.6	9.16	6.71	3.09	12.4	60		69	47					
5	206	45.6	8.56	11.9	.539	10.4	1720		7	28					
6	207	47.1	9.95	9.65	2.75	10.8	70		48	19					
7	208	45.6	10.9	8.34	2.67	10.1	10		42	27					
8	209	47.3	11.5	6.12	2.94	11.2	30		55	28					
9	210	45.6	10.8	7.63	2.76	10.5	30		46	30					
0	211	48.3	6.09	9.80	3.03	11.7	20		230	90					
1	212	51.8	11.3	6.93	1.71	12.0	30		21	28					
2	213	52.0	8.84	5.36	2.43	13.3	70		34	53					
3	214	51.8	10.4	18.9	.253	8.72	20		3	35					
4	215	49.0	10.6	5.54	3.59	10.6	190		146	30					
5	216	50.3	7.34	8.32	4.50	12.9	240		250	50					
6	217	49.8	9.60	8.26	2.91	11.2	90		21	57					
7	218	52.0	7.46	3.73	3.37	13.2	70		30	57					
8	219	49.8	10.5	5.07	2.22	13.6	30		49	37					
9	220	41.3	2.88	7.39	1.12	14.7	750		70	115					
0	220a	53.5	7.05	5.26	3.38	8.18	420		37	34					

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm					
1	NF - 221	47.1	4.87	6.17	2.72	14.0	850		107	56					
2	222	52.0	5.48	4.86	4.54	11.3	160		37	43					
3	223	48.1	7.65	4.61	2.74	9.22	610		35	23					
4	224	52.4	10.1	4.41	2.01	13.1	400		87	45					
5	225	50.1	7.72	5.42	3.61	12.4	130		52	54					
6	226	53.3	7.53	3.93	4.35	12.4	180		169	39					
7	227	50.5	10.1	5.19	2.56	13.8	10		72	44					
8	228	48.8	6.60	7.08	3.42	11.7	60		72	50					
9	229	50.3	6.45	5.54	4.70	11.3	10		100	48					
0	230	66.3	2.95	2.12	3.60	6.38	410		70	110					
1	231	52.0	7.11	8.79	3.05	11.8	10		123	51					
2	232	49.2	9.88	6.28	2.51	13.8	100		380	30					
3	233	76.6	2.11	2.90	.049	12.0	10		1160	50					
4	234	67.4	3.96	1.38	2.35	3.89	750		48	178					
5	235	53.9	10.0	16.2	.237	12.4	10		2700	37					
6															
7															
8															
9															
0															

TERRAMIN RESEARCH LABS LTD.

Corporation Falconbridge Copper

FILE

JOB # 83-270

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm					
1	NF - 0069	53.9	11.2	5.94	2.76	11.2	170		20	40					
2	0070	50.5	9.43	5.11	2.62	13.0	300		300	71					
3	0071	57.8	7.12	5.99	4.95	9.02	390		42	37					
4	0072	54.1	9.74	6.00	3.07	12.4	60		25	38					
5	0073	50.9	13.4	4.56	2.22	9.52	50		35	36					
6	0074	53.5	9.14	6.47	2.49	13.3	60		22	54					
7	0075	54.3	8.67	4.15	2.56	13.7	150		36	60					
8	0076	51.5	10.4	6.23	3.55	12.4	20		20	16					
9	0077	52.6	10.9	7.84	3.48	10.5	20		10	15					
10	0078	52.4	10.9	7.01	3.11	11.8	30		11	19					
1	0079	51.3	11.4	7.61	3.01	11.0	10		24	12					
2	0080	50.9	13.6	7.11	2.01	9.32	30		22	11					
3	0081	53.0	11.2	7.51	3.32	11.0	20		35	20					
4	0081 a	52.8	9.75	7.01	2.76	14.0	90		23	25					
5	0082	50.7	13.1	7.16	2.14	10.1	40		48	22					
6	0083	51.1	5.18	7.61	1.77	14.5	1030		49	81					
7	0084	62.2	4.38	7.46	3.36	8.34	30		104	260					
8	0085	53.5	11,7	7.33	2.57	10.6	30		69	30					
9	0086	60.7	6.83	3.47	3.59	6.68	680		79	44					
20	0087	54.3	9.86	8.56	2.66	9.54	20		77	150					

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm					
21	NF - 0292	50.9	11.9	7.88	2.59	10.2	80		28	35					
2	0293	53.7	10.5	6.71	3.71	9.14	50		36	30					
3	0294	55.0	8.73	7.33	3.65	9.47	60		55	37					
4	0295	55.2	8.04	5.74	4.30	9.18	40		58	43					
5	0296	47.9	9.54	11.2	1.64	11.1	10		21	56					
6	0297	50.7	12.9	12.0	.751	8.52	200		59	30					
7	0298	60.3	5.72	5.97	5.55	7.08	90		125	28					
8	0299	57.3	12.2	7.58	1.28	9.48	60		77	35					
9	0300	50.7	11.3	3.70	.438	6.19	50		17	30					
30	0418	59.5	2.84	3.56	4.79	7.00	760		130	103					
1	0419	59.0	11.6	7.46	3.01	14.0	80		48	35					
2	0420	53.1	8.62	7.20	2.87	11.8	260		42	40					
3	0421	52.6	9.89	8.29	3.42	10.7	50		2	18					
4	0422	50.9	11.1	8.56	3.19	9.59	80		99	19					
5	0423	51.1	11.5	9.30	2.79	9.54	20		49	25					
6	0424	47.9	11.2	7.49	3.07	9.65	160		38	34					
7	0425	52.6	8.30	5.12	4.02	12.2	100		43	32					
8	0425 a	51.6	9.72	6.40	3.48	10.4	40		10	17					
9	0426	60.3	7.58	2.50	1.26	6.24	380		35	80					
40	0427	47.9	5.55	5.59	3.96	14.7	120		59	75					

	Client No.	SiO_2 %	CaO %	MgO %	Na_2O %	Fe_2O_3 %	Ba ppm		Cu ppm	Zn ppm					
41	NF - 0428	59.9	3.08	1.84	2.62	6.13	830		18	70					
2	0429	72.1	3.32	1.42	1.95	1.79	980		9	40					
3	0430	50.5	5.16	5.32	4.03	13.2	280		53	80					
4	0431	54.5	4.99	4.18	3.34	11.9	400		16	84					
5	0502	49.8	10.7	7.03	3.32	12.1	30		19	24					
6	0503	51.8	10.3	8.27	3.07	11.0	20		25	14					
7	0504	50.5	11.4	7.96	2.88	10.6	10		11	16					
8	0504 a	58.0	6.70	3.56	3.56	7.04	660		80	47					
9	0505	52,2	9.54	9.22	3.18	11.2	30		7	22					
50	0506	48.1	11.1	8.87	2.62	11.5	60		18	35					
1	0507	53.1	9.56	6.40	2.06	10.1	70		34	42					
2	HZ - 0185	50.5	8.32	6.58	4.10	11.9	10		27	43					
3	0186	46.8	11.9	7.38	2.16	12.1	30		54	36					
4	0187	48.8	12.3	6.17	2.12	12.8	20		40	39					
5	0188	52.4	8.62	5.80	4.29	11.9	20		42	40					
6	0189	47.5	8.28	7.11	3.06	12.1	20		80	60					
7	0190	49.8	9.58	6.80	3.10	11.6	30		68	39					
8	0191	52.6	9.97	5.72	2.51	11.3	10		43	37					
9	0192	51.3	8.95	6.52	3.64	11.8	30		46	43					
60	0193	48.8	8.83	7.58	2.75	12.0	40		40	64					

SEP 15 1983

FILE

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO : FALCONBRIDGE COPPER CORP.

6415-64TH STREET
DELTA, B.C.
V4K 4E2

ATTN: NORTH FORKS

CERT. # : A8314467-001-A
INVOICE # : I8314467
DATE : 12-SEP-83
P.O. # : NONE
0203

Sample description	Prep code	Cu %	Zn %	Ag FA oz/T	Au FA oz/T		
BCS 0512	207	<0.01	<0.01	0.40	0.006	--	--
BCS 0513	207	<0.01	0.01	0.50	0.008	--	--

B. Stewart

Registered Assayer, Province of British Columbia

CTA MEMBER CANADIAN TESTING ASSOCIATION

SEP 14 1983

FILE CHEMEX LABS LTD.

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CERTIFICATE OF ASSAY

TO : FALCONBRIDGE COPPER CORP.

6415-64TH STREET
DELTA, B.C.
V4K 4E2

ATTN: NORTH FORK

CERT. # : A8314324-001-A
INVOICE # : I8314324
DATE : 9-SEP-83
P.O. # : NONE
201-203

Sample description	Prep code	Cu %	Pb %	Zn %	Ag FA oz/T	Au FA oz/T	
0050	207	<0.01	--	<0.01	0.02	--	--
0438	207	0.02	--	0.02	0.12	0.003	--
0439	207	0.04	--	0.08	0.10	0.006	--
0440	207	0.02	--	<0.01	0.04	<0.003	--
0441	207	<0.01	--	0.02	0.01	<0.003	--
0443	207	<0.01	--	0.02	0.01	<0.003	--
0444	207	<0.01	--	0.02	0.02	0.003	--
0445	207	<0.01	--	<0.01	0.02	0.003	--
0446	207	<0.01	--	<0.01	0.08	<0.003	--
0447	207	<0.01	--	<0.01	0.14	0.003	--
0448	207	<0.01	--	0.01	0.10	<0.003	--
0449	207	0.30	--	<0.01	0.28	0.003	--
0450	207	0.11	--	<0.01	0.01	<0.003	--
0492	207	<0.01	--	0.01	0.04	<0.003	--
0493	207	<0.01	--	<0.01	0.01	<0.003	--
0494	207	<0.01	--	<0.01	0.01	<0.003	--
0495	207	<0.01	--	<0.01	0.01	<0.003	--
0496	207	<0.01	--	<0.01	0.01	<0.003	--
0498	207	<0.01	--	0.01	0.04	<0.003	--
0499	207	<0.01	--	0.03	0.06	0.003	--
0500	207	<0.01	--	0.01	0.01	<0.003	--
0501	207	<0.01	--	<0.01	0.01	<0.003	--
0502	207	<0.01	--	<0.01	0.02	<0.003	--
0503	207	<0.01	--	0.01	0.01	<0.003	--
0504	207	<0.01	--	<0.01	0.04	<0.003	--
0505	207	0.01	--	0.12	0.04	0.003	--
0506	207	<0.01	--	<0.01	0.12	0.046	--
0507	207	<0.01	--	<0.01	0.02	<0.003	--
0508	207	<0.01	--	0.01	0.01	<0.003	--
0509	207	<0.01	--	0.01	0.14	<0.003	--
0510	207	<0.01	--	0.01	0.08	0.006	--
0511	207	0.04	--	<0.01	0.10	<0.003	--
0551	207	0.02	--	0.01	0.10	<0.003	--
0552	207	0.09	<0.01	1.34	0.06	<0.003	--
0553	207	0.03	--	0.04	0.01	<0.003	--
0554	207	0.07	--	0.10	0.06	0.003	--
0555	207	0.01	--	0.01	0.01	<0.003	--
0556	207	0.01	--	0.01	0.04	0.003	--
0557	207	0.02	--	0.01	0.04	0.003	--
0558	207	0.21	--	0.02	0.12	0.006	--

BSwaite
Registered Assayer, Province of British Columbia

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO : FALCONBRIDGE COPPER CORP.

6415-64TH STREET
DELTA, B.C.
V4K 4E2

ATTN: NORTH FORK

CERT. # : A8314324-002-A
INVOICE # : I8314324
DATE : 9-SEP-83
P.O. # : NONE
201-203

Sample description	Prep code	Cu %	Pb %	Zn %	Ag FA oz/T	Au FA oz/T	
0559	207	0.21	--	0.02	0.08	0.003	--
0560	207	0.02	--	0.18	0.10	<0.003	--
0561	207	0.20	--	0.11	0.06	<0.003	--
0562	207	0.10	--	0.07	0.12	<0.003	--
0563	207	3.72	<0.01	1.41	1.40	0.010	--
0564	207	0.58	--	0.31	0.20	0.006	--
0565	207	0.16	--	0.13	0.04	<0.003	--
0566	207	1.78	--	0.27	0.66	0.008	--
0567	207	0.05	--	0.03	0.12	<0.003	--
0568	207	0.18	<0.01	0.09	0.18	0.003	--

Registered Assayer, Province of British Columbia

MEMBER
CANADIAN TESTING
ASSOCIATION

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : FALCONBRIDGE COPPER CORP.

6415-64TH STREET
DELTA, B.C.
V4K 4E2

ATTN: NORTH FORK

CERT. # : A8314324-001-A
INVOICE # : I8314324
DATE : 9-SEP-83
P.O. # : NONE
201-203

Sample description	Prep code	AU-AA ppb					
0050	207	10	--	--	--	--	--
0438	207	--	--	--	--	--	--
0439	207	--	--	--	--	--	--
0440	207	--	--	--	--	--	--
0441	207	--	--	--	--	--	--
0443	207	--	--	--	--	--	--
0444	207	--	--	--	--	--	--
0445	207	--	--	--	--	--	--
0446	207	--	--	--	--	--	--
0447	207	--	--	--	--	--	--
0448	207	--	--	--	--	--	--
0449	207	--	--	--	--	--	--
0450	207	--	--	--	--	--	--
0492	207	--	--	--	--	--	--
0493	207	--	--	--	--	--	--
0494	207	--	--	--	--	--	--
0495	207	--	--	--	--	--	--
0496	207	--	--	--	--	--	--
0498	207	--	--	--	--	--	--
0499	207	--	--	--	--	--	--
0500	207	--	--	--	--	--	--
0501	207	--	--	--	--	--	--
0502	207	--	--	--	--	--	--
0503	207	--	--	--	--	--	--
0504	207	--	--	--	--	--	--
0505	207	--	--	--	--	--	--
0506	207	--	--	--	--	--	--
0507	207	--	--	--	--	--	--
0508	207	--	--	--	--	--	--
0509	207	--	--	--	--	--	--
0510	207	--	--	--	--	--	--
0511	207	--	--	--	--	--	--
0551	207	--	--	--	--	--	--
0552	207	--	--	--	--	--	--
0553	207	--	--	--	--	--	--
0554	207	--	--	--	--	--	--
0555	207	--	--	--	--	--	--
0556	207	--	--	--	--	--	--
0557	207	--	--	--	--	--	--
0558	207	--	--	--	--	--	--

Certified by Hart Bichler

Na_2O			MgO			K_2O		Cu		Zn	
HF/HNO_3		HCl/HNO_3	HF/HNO_3		HCl/HNO_3	HF/HNO_3	HCl/HNO_3	HF/HNO_3	HCl/HNO_3	HF/HNO_3	HCl/HNO_3
4.19	60	.07	8.78	3.2	2.75	1.79	1.72	48	41	85	33
.14	14	.01	0.34	1.2	.28	0.04	0.07	75	81	2	13
2.25	56	.04	5.85	5.9	.99	0.61	0.45	75	73	57	17
.28	28	.01	.96	1.1	.85	.40	0.48	19	21	23	32
3.89	24	.16	6.80	1.9	3.57	1.85	2.16	58	57	135	50
3.08	28	.11	10.49	8.5	1.24	.22	.14	38	30	67	9
2.66	12	.23	9.35	6.8	1.38	.11	0.04	67	61	298	48
4.91	33	.15	4.69	2.1	2.22	1.26	1.41	92	96	81	45
3.02	23	.13	8.35	6.3	1.33	.16	0.11	69	72	148	26
3.55	27	.13	7.85	7.3	1.08	.54	0.07	82	81	68	13
.40	13	.03	1.16	1.3	.90	.71	0.45	97	96	34	40
2.27	57	.04	6.56	8.7	.75	.55	0.28	54	56	46	10
3.39	42	.08	4.04	1.1	3.56	1.91	2.42	192	184	102	100
2.77	40	.07	7.24	3.4	2.17	.94	.95	80	82	63	26
3.40	38	.09	10.00	2.0	4.92	.64	0.74	137	130	398	193
2.32	58	.04	11.64	1.9	6.10	1.82	2.05	3918	3383	1052	699
2.97	14	.22	9.33	4.9	1.92	.14	0.06	104	102	86	29
4.75	40	.12	5.85	1.7	3.53	2.12	2.51	65	61	129	72
2.56	13	.20	7.81	5.7	1.38	.14	0.06	50	64	57	14
2.68	30	.09	10.82	2.1	5.02	.80	0.89	1856	1858	902	659
2.91	32	.09	7.34	7.5	.98	.20	0.17	94	106	59	19

Na_2O AR releases only 1½% - 8½% of Na_2O. that HF does.

MgO " " " 11½ - 91%

K_2O essentially same. Higher high values, lower lows actually give better discrimination

Cu same

Zn very erratic. Highs are lower.