APPENDIX III

CHEMICAL ANALYSES

Sample No.	Parts Per Million Copper	Lead	Zinc	Fluorine	Percentage BaO	SrO	Silica	Fe_2O_3 (Total)	MnO	Al_2O_3	CaO	L.O.I.	Total
BC-74-1	780	130	780	.05	1.06	.05	1.80	.72	64.242	1.27	8.12	16.95	95.51
BC-74-2	810	100	820	.04	.34	.05	1.25	.53	70.434	.89	5.18	15.85	95.48
BC-74-3	450	100	820	.08	.74	.06	2.02	.53	24.962	.76	36.19	32.22	98.28
BC-74-4	15	110	80	.06	.69	.05	3.28	2.22	.903	1.24	50.26	40.20	99.32
BC-74-5	650	110	680	.05	1.31	.07	3.05	1.16	49.214	1.31	18.90	21.78	98.10
BC-74-6	10	90	20	.09	1.22	.09	3.70	.80	.593	.89	50.18	40.63	98.88
BC-74-7	10	90	15	.08	.74	.10	4.95	.76	.426	1.52	49.94	40.45	99.40
BC-74-8	580	90	550	.05	1.43	.05	3.03	1.03	38.313	.87	25.34	29.53	100.83
BC-74-9	140	80	170	.05	.60	.05	5.12	.66	11.610	1.18	42.70	35.92	98.34
BC-74-10	1050	220	350	.05	2.00	.15	5.05	1.36	46.208	.87	18.90	21.67	97.93
BC-74-11	10	30	20	.05	44.08	.96	24.10	1.17	.142	1.94	1.40	1.56	99.16
BC-74-12	10	10	10	.04	62.87	1.13	1.00	.11	.079	.15	.98	.10	100.16
BC-74-13	10	20	30	.04	49.87	1.18	15.98	.77	.155	1.03	1.19	1.90	99.05
BC-74-14	30	350	780	.05	.05	.20	1.45	12.41	1.419	.36	39.79	29.75	85.95
BC-74-15	20	40	20	.04	18.67	.37	5.18	.76	.168	.86	34.86	29.32	100.24
BC-74-16	20	50	10	.04	.73	.07	2.40	.56	.103	.74	51.17	41.59	97.84
BC-74-17	20	50	30	.03	1.06	.09	9.20	1.09	.142	2.47	47.18	37.91	99.80
BC-74-18	30	50	30	.03	13.17	.24	5.11	1.14	.335	1.73	38.08	31.80	98.72
BC-74-19	30	30	20	.03	39.08	.52	3.44	.97	.271	.95	16.24	15.63	97.95
BC-74-20	10	80	20	.03	.11	.04	8.63	1.46	.142	2.68	47.91	37.53	96.64
BC-74-21	10	80	10	.10	.03	.04	3.97	.72	.129	1.43	51.24	40.88	98.56
BC-74-22	10	80	10	.10	.02	.04	7.29	1.14	.168	1.86	49.71	38.91	99.27
BC-74-23	70	50	10	5.25	.10	.02	62.20	.87	.017	11.99	6.93	-	85.26
BC-74-24	20	70	30	15.95	.07	.02	49.90	.49	.014	7.14	23.73	-	90.66
BC-74-25	20	70	30	6.62	.16	.02	59.70	.99	.013	11.25	10.33	-	86.41
BC-74-26	10	50	10	2.15	.03	.02	66.38	.59	.022	12.84	2.97	-	84.14
BC-74-27	50	60	20	28.71	.18	.02	32.25	.51	.009	3.90	42.80	-	96.43
BC-74-28	40	90	20	5.12	.28	.02	70.12	1.33	.022	8.91	7.67	-	91.51
BC-74-29	110	20	10	3.16	.07	.02	67.90	.61	.019	10.79	4.35	-	85.67
BC-74-30	20	70	100	43.07	.13	.05	11.10	.13	.009	.17	63.70	-	100.36
BC-74-31	10	20	10	1.56	.07	.02	65.50	1.43	.039	13.30	2.58	-	83.90
BC-74-32	10	20	30	.42	.04	.05	68.96	.04	1.458	14.65	.12	-	85.63
BC-74-33	60	20	30	3.06	.16	.02	65.25	.99	.039	12.16	5.47	3.10	89.08
BC-74-34	64	13	79	5.03	.16	.02	62.50	.76	.030	10.07	6.65	-	83.24
BC-74-35	20	120	110	.08	1.07	.10	5.00	.54	.645	1.71	50.68	39.70	100.16
BC-74-36	90	20	40	.05	34.66	.32	16.53	20.66	.065	2.98	.57	4.62	99.08
BC-74-37	10	10	30	.06	41.33	.66	3.95	21.45	2.064	1.10	.56	7.10	100.65
BC-74-38	20	20	20	.07	16.63	.41	1.90	43.62	5.057	.89	.83	21.60	100.62
BC-74-39	220	20	50	.07	50.06	1.06	4.20	11.30	1.174	1.27	.45	2.51	99.22

Sample No.	Parts Per Million Copper	Lead	Zinc	Fluorine	Percentage BaO	SrO	Silica	Fe_2O_3	MnO	Al_2O_3	CaO	L.O.I.	Total
BC-74-40	140	20	40	.05	34.23	.75	2.60	33.03	4.076	.86	.28	6.05	100.87
BC-74-41	140	20	40	.07	27.67	.73	7.40	32.39	3.419	2.09	.45	11.05	100.75
BC-74-42	60	20	50	.07	18.00	.41	4.10	40.76	5.289	1.33	.49	15.50	96.25
BC-74-43	200	20	50	.05	14.80	.41	4.60	46.12	5.302	1.29	.49	9.31	91.09
BC-74-44	5	100	700	.05	12.75	.21	2.65	6.32	.503	.95	37.94	31.76	100.11
BC-74-45	30	60	10	.03	.10	.05	3.10	1.23	.194	1.29	51.24	41.20	98.55
BC-74-46	40	20	30	.06	30.88	.55	2.70	3.58	.258	.89	20.44	21.75	97.69
BC-74-47	10	33	21	.06	1.06	.05	54.20	6.76	1.122	9.41	7.07	13.55	93.96
BC-74-48	25	71	50	.05	.08	.06	3.00	1.09	.387	.91	51.80	41.30	98.77
BC-74-49	16	64	22	.63	.11	.11	2.04	.59	.387	.67	50.54	42.12	97.08
BC-74-50	48	65	40	.57	.07	.11	.52	.46	.258	.38	52.64	42.83	97.74
BC-74-51	16	34	14	.03	59.20	.93	7.23	.21	.013	.10	.38	.10	99.81
BC-74-52	129	34	75	.03	58.80	.71	6.95	.07	.010	.10	.36	.26	98.54
BC-74-53	48	137	17	.03	58.18	1.10	7.31	.16	.013	.10	.24	.27	98.62
BC-74-54	16	56	21	.14	.03	.02	12.30	1.87	.529	2.36	26.07	38.41	81.75
BC-74-55	20428	32	207	1.06	.16	.02	52.25	4.65	.123	25.46	.62	3.41	89.54
BC-74-56	26	13	171	2.81	.05	.17	37.60	3.23	.400	26.22	1.50	3.95	74.99
BC-74-57	113	122	43	.07	.21	.02	1.66	3.25	2.425	.70	51.17	39.17	98.86
BC-74-58	16	31	36	.05	31.67	.40	7.60	6.55	1.329	.25	12.53	17.30	94.60
BC-74-59	1575	64	28	.08	1.95	.20	8.32	7.54	1.148	1.01	33.29	35.11	90.06
BC-74-60	80	50	30	.08	.83	.10	6.61	1.74	.258	1.25	46.90	38.75	97.04
BC-74-61	10	50	30	.08	.22	.12	4.31	1.66	.181	1.37	49.84	40.25	98.24
BC-74-62	20	20	20	.03	63.12	1.00	.31	.36	.077	.11	.66	.11	99.51
BC-74-63	20	30	20	.03	58.15	1.10	.31	.36	.077	.19	5.32	3.75	100.49
BC-74-64	20	20	20	.03	63.43	.96	.25	.11	.026	.19	.28	.19	99.34
BC-74-65	20	20	10	.03	61.74	1.38	.60	.27	.181	.19	.67	.70	99.06
BC-74-66	50	60	30	.04	14.95	.24	3.25	1.12	.400	.93	37.94	32.12	98.98
BC-74-67	10	50	10	.04	26.30	.39	2.26	.80	.323	.76	29.40	25.27	99.58
BC-74-68	10	10	10	.03	59.92	1.13	.48	.27	.090	.19	3.08	2.78	100.13
BC-74-69	10	10	10	.03	42.11	.58	.20	21.74	.929	.19	.56	11.30	100.37
BC-74-70	16	70	14	.03	46.78	.52	4.55	15.20	.916	1.25	.43	3.20	97.93
BC-74-71	10	13	14	.03	58.97	.69	.27	5.73	.361	.19	.32	1.45	99.41
BC-74-72	7	7	7	.03	61.10	.69	.20	3.68	.219	.19	.29	.72	99.59
BC-74-73	145	55	78	.07	2.97	.10	62.63	3.30	.426	6.29	8.68	6.95	93.09
BC-74-74	8	32	14	.03	.05	.03	.67	13.47	.516	.10	27.09	38.85	81.05
BC-74-75	16	63	29	.05	3.71	.13	1.15	17.88	.851	.10	27.09	34.55	87.79
BC-74-76	48	23	400	.05	1.11	.06	.38	44.12	1.006	.10	11.90	19.91	79.91
BC-74-77	39	30	330	.04	11.10	.17	.33	34.46	1.187	.19	15.54	20.21	89.67
BC-74-78	10	200	575	.07	4.36	.12	.73	25.45	2.038	.42	25.55	3.60	65.12
BC-74-79	10	20	15	.09	.49	.03	55.00	10.44	.052	14.57	1.01	1.52	83.60
BC-74-80	25	20	20	.03	58.80	.87	1.45	5.08	.090	.36	.18	.89	99.20

	Parts Per Million				Percentage								
Sample No.	Copper	Lead	Zinc	Fluorine	BaO	SrO	Silica	Fe_2O_3	MnO	Al_2O_3	CaO	L.O.I.	Total
BC-74-81	20	10	350	.04	45.86	.44	1.45	19.16	.065	.19	.18	3.34	95.30
BC-74-82	50	10	75	.04	39.09	.28	1.30	31.07	.077	.19	.18	4.75	98.05
BC-74-83	15	15	15	.04	57.88	1.17	.20	6.23	1.122	.19	.15	1.00	99.19
BC-74-84	60	25	80	.03	31.27	.32	2.43	36.04	.142	.48	.21	5.37	93.37
BC-74-85	15	25	10	.04	41.36	.47	1.00	26.03	.129	.44	.20	4.52	96.48
BC-74-86	10	25	85	.04	62.35	.64	.40	.94	.015	.42	.21	.35	98.42
BC-74-87	11030	40	2060	.05	.76	.07	16.95	61.82	.271	4.79	.31	10.78	98.39
BC-74-88	10	1012	15	.03	52.63	.56	1.95	11.70	.039	.44	.28	2.11	97.90
BC-74-89	20	10	15	.03	62.35	.56	.25	.51	.039	.10	.25	.35	97.43
BC-74-90	20	10	20	.03	55.12	.62	.31	8.12	.258	3.40	.20	1.10	98.53
BC-74-91	10	15	10	.03	63.40	.76	.50	.17	.006	.19	.18	.25	99.17
BC-74-92	10	20	15	.03	61.76	1.02	1.18	.30	.008	.59	.28	.45	98.63
BC-74-93	55	25	10	.03	55.16	.59	1.56	.67	.439	.40	6.02	4.79	98.92
BC-74-94	10	20	15	.03	50.75	.79	14.05	.57	.012	2.09	.13	.71	96.24
BC-74-95	10	20	15	.03	28.15	.54	21.75	2.63	.009	6.40	.15	.59	75.41
BC-74-96	10	25	15	.03	9.86	.20	54.65	1.67	.009	12.60	.15	12.90	97.39
BC-74-97	100	100	50	.03	61.82	.59	2.11	.31	.008	.46	.20	.54	98.82
BC-74-98	25	25	10	.03	62.74	.62	.96	.21	.090	.10	.17	1.54	99.69
BC-74-99	25	125	80	1.40	.04	.08	7.25	.90	.232	1.94	46.06	36.95	94.39
BC-74-100	40	150	110	1.60	.41	.10	4.17	.56	.864	.80	52.64	40.70	101.50
BC-74-101	20	50	30	.03	2.88	.08	1.03	.34	.271	.19	51.10	41.05	98.55
BC-74-102	150	40	20	.04	57.49	.07	.15	.14	.052	.10	5.19	3.66	96.97
BC-74-103	8891	1400	11515	.06	.24	.02	16.81	3.85	.503	5.11	33.18	31.94	94.06
BC-74-104	8550	5700	1239	.03	.12	.02	30.92	1.60	.735	7.03	40.64	13.67	96.42
BC-74-105	30	70	250	.04	3.96	.11	5.25	.90	.542	1.05	44.41	38.00	96.44
BC-74-106	540	60	100	.04	9.79	.28	2.10	15.79	1.122	.61	25.34	29.11	89.78
BC-74-107	860	50	80	.04	34.30	.55	1.21	6.78	.477	.44	14.98	19.82	97.09
BC-74-108	400	50	80	.03	43.39	.47	1.32	4.46	.310	.10	8.54	12.80	94.55
BC-74-109	1900	76	160	.03	1.10	.03	3.52	12.51	.929	.86	27.02	40.11	87.09
BC-74-110	10	40	20	.03	63.29	2.00	<.50	.14	.001	.17	.12	.26	101.09
BC-74-111	10	1600	40	.03	3.95	47.94	<.50	.44	.077	.17	3.43	3.33	99.15
BC-74-112	10	50	200	.03	2.04	50.48	<.50	.72	.058	.19	2.80	2.85	99.78
BC-74-113	20	50	40	.03	7.82	37.51	15.30	.72	.009	2.49	1.06	.80	98.82
BC-74-114	20	50	40	.03	6.25	33.81	24.60	1.57	.021	4.28	.95	1.93	102.87
BC-74-115	25	40	40	.03	7.29	36.66	11.90	2.17	.039	6.54	.87	1.14	98.81
BC-74-116	40	40	30	.03	6.46	27.02	24.00	1.32	.168	12.84	2.02	1.83	99.95
BC-74-117	55	60	60	.03	60.78	.41	3.61	.34	.065	.19	.98	.34	98.81
BC-74-118	10	60	40	.03	1.25	33.16	1.45	.30	.129	.51	20.44	15.51	99.09
BC-74-119	20	50	30	.04	.87	52.66	<.50	.16	.017	1.43	.98	.06	97.86
BC-74-120	50	100	30	21.30	3.61	.35	24.50	.34	.077	2.58	51.52	<.20	97.70
BC-74-121	30	100	300	7.75	2.50	.09	.69	.21	.452	.34	49.92	42.05	102.17
BC-74-122	30	20	15	.05	.53	.07	96.00	.34	.014	.78	1.12	.34	99.56

Sample No.	Parts Per Million Copper	Lead	Zinc	Fluorine	Percentage BaO	SrO	Silica	Fe_2O_3	MnO	Al_2O_3	CaO	L.O.I.	Total
BC-74-123	30	50	140	.05	2.21	48.79	1.76	.80	.077	.76	.53	.97	94.82
BC-74-124	30	50	20	.03	2.13	51.14	3.10	.69	.014	.13	.17	.50	98.55
BC-74-125	440	180	110	.05	.30	.56	1.09	.31	52.955	.49	13.30	.24	70.36
BC-74-126	180	100	5030	.08	61.30	1.24	1.18	.21	.194	.32	.98	.71	99.68
BC-74-127	90	60	1030	.04	63.27	1.31	<.50	.24	.014	.10	.14	.30	100.07
BC-74-128	50	40	40	.04	63.27	1.73	.72	.14	.077	.12	.49	.54	101.50
BC-74-129	60	60	70	.04	3.95	.07	21.60	.99	.168	4.31	35.15	28.50	96.91
BC-74-130	40	70	40	.04	63.33	1.51	.82	.21	.013	.13	.28	-	100.57
BC-74-131	20	20	110	.03	62.65	2.10	.62	.20	.013	.13	.15	.91	101.15
BC-74-132	20	40	50	.08	35.22	.91	35.35	.03	.013	3.61	.49	1.41	96.18
BC-74-133	20	20	20	.08	8.28	.15	69.50	4.36	.103	6.37	.17	1.78	95.25
BC-74-134	20	50	20	.03	43.16	.80	15.75	1.27	.028	4.22	3.15	1.95	93.53
BC-74-135	20	50	10	.03	63.73	1.08	<.50	.11	.013	.10	.14	.14	99.94
BC-74-136	40	40	50	.03	61.00	.64	2.52	.30	.013	1.29	.15	.73	99.02
BC-74-137	30	40	20	.03	.22	.01	65.90	1.49	.003	6.02	.14	1.13	75.08
BC-74-138	40	50	20	.03	63.47	1.85	.26	.14	.116	.07	.18	.14	100.82
BC-74-139	50	40	20	.95	62.68	1.85	.13	.14	.014	.11	.46	.13	100.24
BC-74-140	40	180	300	44.87	.31	.09	<.50	.14	.014	.57	61.32	-	89.22
BC-74-141	20	75	100	1.10	.73	.09	<.50	.21	1.109	.07	46.77	43.76	94.36
BC-74-142	15	80	100	38.60	.60	.09	.91	.21	.232	1.39	60.27	-	86.47
BC-74-143	4	10	30	.29	.09	.15	92.70	.76	.052	.06	.70	2.17	97.03
BC-74-144	2	5	20	.05	.02	.00	88.43	2.15	.013	4.90	.57	.81	96.97
BC-74-145	10	10	20	.03	61.57	2.48	.20	.16	.001	.19	.18	.25	99.12

OXIDES

Sample No.	Parts Per Million Copper	Lead	Zinc	Fluorine	Percentage BaO	SrO	Silica	Fe_2O_3	MnO	Al_2O_3	CaO	L.O.I.	Total
A15-5000	100	100	50	.05	.38	.02	65.30	9.32	.452	11.23	.71	6.63	94.44
A15-5001	65	110	6	.25	3.29	.13	11.20	14.91	39.087	3.67	5.32	9.43	89.53
A16-5000	50	20	30	.04	.02	.00	66.10	1.39	.026	15.85	.56	1.22	85.23
A16-5001	50	20	20	.05	.24	.01	66.20	1.44	.019	15.88	.21	1.27	85.48
A16-5002	140	30	30	.20	.02	.01	72.70	1.39	.039	12.07	.49	1.88	88.75
A16-5003	60	20	60	.07	.28	.01	65.10	1.50	.032	15.11	.67	1.04	83.97
D13-5000	20	40	90	.03	.14	.01	53.05	4.09	.045	21.95	.28	4.23	83.97
D13-5001	10	60	180	.04	52.74	.51	6.21	.74	.019	1.18	.28	.97	90.64
D13-5002	10	70	100	.06	.13	.01	63.80	5.53	.039	17.44	.35	2.73	90.25
E03-5000	30	50	10	.03	.19	.03	73.30	6.02	.194	12.90	.22	3.53	96.62
E03-5001	50	120	50	.05	.05	.02	2.83	.99	.400	.51	51.10	41.38	97.39
E03-5002	10	130	20	.04	.07	.02	3.15	1.17	.413	1.06	50.83	41.04	97.86

	Parts Per Million				Percentage							
Sample No.	Copper	Lead	Zinc	Fluorine	BaO	SrO	Silica	Fe_2O_3	MnO	Al_2O_3	CaO	L.O.I.	Total
E03-5003	10	40	10	.04	55.45	.99	.98	.33	.077	.53	7.29	5.00	100.41
E03-5004	10	20	10	.04	62.51	.99	.12	.04	.004	<.10	.78	.35	98.32
E03-5005	20	110	40	.04	.01	.01	5.67	1.03	.439	1.52	44.63	40.01	93.39
E03-5006	10	10	20	.06	.02	.03	11.93	.93	.065	2.72	34.87	35.27	85.92
E03-5007	10	60	20	.03	45.40	.82	1.11	.44	.142	3.61	7.43	12.97	96.29
E05-5000	10	40	30	.08	21.50	.25	37.40	3.45	.071	11.02	1.47	4.78	91.47
E05-5001	10	30	25	.06	8.17	.30	66.90	4.86	.090	10.64	1.68	3.52	100.77
E05-5002	10	30	10	.04	.14	.00	62.90	4.12	.026	16.15	1.96	6.40	91.86
E05-5003	10	30	20	.03	9.49	.29	67.31	1.80	.039	7.87	.28	1.74	94.05
E05-5004	10	20	20	.03	.07	.00	88.53	2.25	.015	7.98	.28	1.48	100.69
E06-5000	10	30	10	.03	.02	.01	91.00	.76	.019	6.63	.13	1.70	100.32
E06-5001	10	40	10	.05	.08	.00	65.20	6.08	.181	10.93	.56	4.78	87.97
E06-5002	25	480	10	.03	.07	.11	4.43	1.46	.335	4.94	42.14	33.20	86.89
E06-5003	10	20	20	.04	.07	.07	62.50	8.99	.284	17.46	.21	4.08	93.93
E06-5004	10	10	10	.04	.09	.10	75.70	1.94	.065	12.35	.56	3.87	94.85
E06-5005	20	10	30	.03	.06	.08	76.50	4.45	.052	8.55	.84	3.06	93.76
E06-5006	20	50	30	.05	11.69	.23	8.71	9.85	1.574	.25	21.00	28.33	88.11
E06-5007	40	70	20	.05	.97	.06	8.56	11.70	1.896	1.37	25.77	36.76	87.86
E06-5008	20	20	20	.03	44.14	.88	14.60	2.59	.271	.34	6.89	8.10	101.60
E06-5009	20	60	20	.03	39.68	.52	5.70	4.43	.722	.32	8.47	13.70	94.77
E06-5010	10	50	25	.03	19.99	.34	1.16	8.34	1.535	.51	18.90	28.05	89.68
E06-5011	50	80	45	.06	.43	.06	6.80	3.07	.271	1.88	43.40	38.14	94.42
E06-5012	40	150	30	.03	.02	.06	.54	2.02	.168	.29	48.02	42.30	93.52
E06-5013	20	20	10	.03	.04	.04	84.20	.96	.027	6.86	.10	2.50	94.81
E06-5014	10	10	20	.03	.10	.01	76.20	3.30	.335	9.50	.28	3.00	92.85
E06-5015	10	90	20	.07	.01	.12	3.17	.56	.052	.59	43.55	41.97	90.19
E09-5000	20	30	100	.04	.14	.02	55.50	3.36	.142	16.34	3.85	3.81	83.34
E09-5001	160	150	150	.05	.47	.07	11.20	.79	.477	2.66	42.98	35.82	94.85
E09-5002	20	110	40	.03	1.31	.05	4.35	.77	.787	.91	47.95	39.75	96.65
E09-5003	20	170	40	.05	.08	.04	4.58	1.02	.284	1.71	48.89	40.04	96.78
E09-5004	1300	585	650	.02	58.86	.85	2.29	.64	.464	.99	2.03	3.41	101.20
E10-5000	10	30	45	.04	.32	.12	67.00	3.40	.065	9.44	.48	1.96	83.12
E11-5000	30	50	70	.05	.11	.01	65.80	2.25	.129	15.43	2.58	5.36	94.80
E11-5001	10	40	90	.03	.04	.01	65.10	6.23	.103	14.08	2.32	5.81	93.85
E11-5002	20	30	80	.03	.05	.01	61.70	6.05	.077	15.12	.64	3.92	87.72
E11-5003	10	40	70	.03	.04	.01	59.20	6.39	.090	14.02	2.13	5.35	87.38
E11-5004	10	20	60	.03	.61	.06	85.95	3.26	.077	7.24	.49	2.31	100.43
E12-5000	170	25	40	.03	.48	.02	69.80	2.67	.026	12.24	.14	1.27	86.99
E12-5001	15	25	20	.04	61.82	.47	2.50	.59	.006	.67	.17	.37	99.26
E12-5002	10	25	10	.03	62.46	.33	1.08	.23	.008	.19	.20	2.80	100.18
E12-5003	10	25	20	.04	61.99	.39	1.80	.41	.006	1.10	.62	1.42	100.44

Sample No.	Parts Per Million Copper	Lead	Zinc	Fluorine	Percentage BaO	SrO	Silica	Fe_2O_3	MnO	Al_2O_3	CaO	L.O.I.	Total
E12-5004	10	20	20	.03	47.80	.49	12.80	1.43	.013	2.76	.17	1.25	92.08
E12-5005	20	25	55	.04	.51	.01	84.77	2.92	.026	9.42	.21	.69	98.90
E12-5006	20	25	80	.04	.29	.01	74.70	5.86	.052	8.99	.25	1.52	91.95
E13-5000	20	30	50	.03	1.81	48.50	2.00	.34	.142	.19	3.28	4.66	99.39
E13-5001	10	750	30	.03	1.45	50.20	2.20	.34	.065	.19	1.97	2.40	98.47
E16-5000	10	40	50	.05	.35	.01	69.90	1.66	.013	11.08	.60	.18	84.05
E16-5001	10	25	25	.04	.09	.00	89.02	1.16	.194	1.65	.15	2.16	94.53
F04-5000	30	30	30	.04	.01	.01	68.70	1.67	.039	13.09	.18	1.21	84.98
F10-5000	5	20	5	.10	57.95	4.68	.16	.72	.052	.11	1.19	1.74	100.54
F10-5001	150	100	30	.12	.21	.19	7.52	.73	.542	2.01	46.79	37.58	95.95
F10-5002	10	100	100	27.31	.87	.08	1.24	.54	.232	.72	60.51	-	80.56
F11-5000	270	30	50	.04	58.43	.56	1.59	.74	.129	.42	3.78	3.09	99.76
F11-5001	40	120	90	.03	32.32	.45	2.00	.14	.258	.76	26.42	21.55	101.18
F11-5002	20	20	30	.04	2.10	.05	77.40	4.00	.116	10.45	.73	3.80	99.87
F11-5004	740	20	110	.07	.13	1.75	1.88	.40	.116	.48	48.31	39.57	94.19
F11-5005	60	110	40	.04	.40	.10	6.23	.66	.413	.99	48.09	39.73	96.95
F11-5006	10	30	20	.05	.29	.01	68.10	3.55	.090	13.17	.76	4.20	90.60
F12-5000	20	120	40	.04	.04	.05	11.00	.90	.787	1.82	45.36	38.02	98.09
F12-5001	20	20	60	.03	.30	.02	71.80	3.72	2.348	8.55	1.89	4.10	92.99
F12-5002	20	80	310	.03	.04	.02	1.77	1.17	.464	1.50	46.62	38.60	92.31
F12-5003	30	30	120	.03	.47	.02	63.80	1.73	.245	6.02	9.51	8.56	90.67
F13-5000	10	50	50	.03	.07	.01	75.48	2.22	.155	8.57	5.21	5.30	97.11
F13-5001	20	50	110	.04	.24	.01	80.78	.82	.619	2.30	5.29	7.89	98.13
F13-5002	10	190	420	.04	.01	.03	8.10	.99	.013	9.18	44.20	38.02	100.65
F14-5000	10	40	50	.03	.78	.04	61.80	2.79	.052	12.67	1.46	2.71	82.81
F14-5001	10	170	140	.08	.21	.06	6.50	.60	.245	1.48	47.88	37.81	95.03
F15-5000	10	40	110	.03	8.48	.19	28.58	47.19	.052	5.00	.63	1.85	97.22
F15-5001	10	20	90	.03	41.46	1.87	18.80	3.42	1.780	4.88	.50	1.32	97.21
F15-5002	70	20	80	.03	61.12	2.28	1.91	.51	.012	.17	.32	.46	100.51
F15-5003	10	50	130	.03	14.32	.55	35.90	2.12	.387	8.08	10.95	9.81	90.09
F15-5004	10	40	100	.07	.20	.04	51.90	5.03	.181	16.70	3.50	3.42	81.24
F15-5005	3	275000	47000	.05	6.84	.26	4.18	.29	.174	.34	5.67	7.76	61.52
H01-5000	10	40	20	.06	.00	.16	.10	.14	.013	.08	40.82	1.71	43.21
H01-5001	10	50	20	4.70	.01	.36	4.42	.34	.039	.65	44.38	15.30	68.51
H01-5002	20	40	20	.04	.13	.09	58.10	2.45	1.445	6.94	8.83	17.10	95.30
H01-5003	10	40	20	.03	.03	.02	.71	.20	.013	.29	30.38	21.40	53.10
H01-5004	10	20	20	.03	.05	.05	2.20	.84	.181	.40	47.25	42.00	93.07
H01-5005	540	50	50	.03	.76	.11	16.30	50.05	5.121	4.37	.39	15.10	93.50
H01-5006	100	30	60	.03	46.15	1.41	4.27	12.64	1.935	1.18	.14	3.69	96.83
H01-5007	20	20	10	.03	.14	.03	70.10	14.34	.090	5.99	.17	5.44	96.63
H01-5008	20	20	20	.03	.57	.05	73.70	8.91	.916	7.60	.17	4.22	96.62

	Parts Per Million				Percentage							
Sample No.	Copper	Lead	Zinc	Fluorine	BaO	SrO	Silica	Fe_2O_3	MnO	Al_2O_3	CaO	L.O.I.	Total
H07-5000	5	20	10	1.96	62.38	.77	.10	.29	.003	<.19	2.52	-	100.55
H07-5001	30	10	10	.96	60.25	.60	.58	.30	.006	<.19	1.58	-	96.00
H07-5002	10	50	20	11.14	37.09	.51	11.66	1.22	.026	4.03	18.06	-	98.83
H07-5003	20	20	30	.10	.32	.01	64.30	2.20	.052	13.51	.25	.52	81.43
H07-5004	60	30	10	7.16	52.30	1.02	.50	.44	.065	.29	10.58	-	97.44
H07-5005	10	40	450	.17	.79	.06	58.51	10.88	.168	18.47	1.93	5.27	96.85
H07-5006	10	5	10	.03	61.58	.61	1.90	1.29	.004	.68	.17	.47	99.37
H07-5007	15	40	75	.05	.22	.01	50.40	8.12	.052	17.94	.29	6.62	83.94
H07-5008	10	10	5	.03	63.79	.94	.30	.10	.003	.11	.06	.52	100.09
H07-5009	5	30	80	.03	2.13	.03	63.50	2.19	.194	11.25	.15	1.04	81.67
H07-5010	5	10	5	.03	56.56	.95	.35	.37	.004	.19	.08	8.11	96.90
H07-5011	10	60	30	.07	14.11	.33	19.70	2.29	.400	6.65	20.30	18.27	89.74
H07-5012	15	50	110	.07	.20	.01	72.15	4.65	.052	16.63	.55	.62	100.84
H07-5013	130	20	70	.03	.04	.01	75.50	3.06	.039	8.44	.28	3.16	90.64
H07-5014	10	90	320	.03	.11	.01	58.20	3.42	.103	15.07	.50	2.22	79.80
H07-5015	10	30	40	.05	.13	.01	51.60	4.52	.030	20.90	.29	7.51	85.17
H07-5016	20	50	25	.04	.26	.01	64.10	2.03	.015	13.97	.28	1.27	82.13
H08-5000	40	20	10	2.70	59.52	2.31	.27	.21	.006	<.19	3.89	-	100.85
H08-5001	20	20	10	.03	.37	.05	70.10	3.58	.026	13.68	.62	1.75	90.46
H08-5002	10	30	10	.03	61.43	1.93	.26	.04	.003	.06	.35	.72	98.38
H08-5003	10	40	50	.03	.13	.03	52.60	5.82	.075	17.88	2.44	2.64	81.81
H08-5004	10	40	20	.03	52.34	.95	.65	.09	.059	.99	.45	.93	84.53
H08-5005	10	60	20	.04	.13	.00	90.01	1.02	.041	8.00	.29	1.86	101.47
H08-5006	10	50	20	.03	61.43	2.29	.17	.02	.010	.02	.99	1.24	100.04
H08-5007	30	30	15	.04	.05	.00	77.80	.41	.194	9.22	.88	.91	89.54
H08-5008	10	40	30	.03	.16	.01	61.05	4.15	.046	16.74	1.36	4.64	88.32
H08-5009	20	40	20	.03	45.94	.28	18.33	1.52	.026	3.38	.71	1.76	96.19
H08-5010	10	100	20	.05	.09	.00	20.60	11.47	.232	7.41	24.08	21.60	85.74
H08-5011	10	10	10	.03	63.07	1.70	.10	.21	.004	.06	.21	.34	99.97
H08-5012	10	60	10	.06	.14	.01	55.80	3.00	.039	19.86	1.11	8.24	88.36
H08-5013	20	30	90	.04	1.43	.01	52.20	3.55	.018	22.93	.35	3.96	85.28
H09-5000	20	20	40	.03	12.03	.34	58.90	2.36	.039	10.34	1.09	1.42	93.11
H09-5001	20	70	25	.03	31.34	.47	38.10	1.56	.008	5.17	.17	1.26	94.85
H09-5002	20	50	55	.03	.13	.03	67.90	3.80	.065	13.22	.20	2.29	87.82
H09-5003	55	25	20	.03	38.18	.51	33.50	1.30	.026	2.89	.17	1.52	98.47
H09-5004	20	20	40	.03	10.84	.44	66.34	1.69	.335	9.79	.24	1.94	97.66
H09-5005	10	20	20	.03	61.78	1.31	.14	.14	.006	<.19	.14	1.63	98.63
H09-5006	20	35	135	.06	.10	.01	48.00	9.98	.119	20.03	.98	4.62	84.09
H16-5000	15	85	130	.03	.04	.02	3.51	.36	.993	.95	46.73	41.41	94.09
H16-5001	20	80	180	.04	.35	.02	2.96	.24	1.754	.89	49.15	41.40	97.04
K01-5000	10	50	40	.04	.35	.02	59.70	5.61	.129	12.18	5.10	6.86	90.25
K01-5001	35	25	35	.05	.05	.04	71.30	2.65	.039	12.33	.45	3.43	90.42

Sample No.	Parts Per Million Copper	Lead	Zinc	Fluorine	BaO	SrO	Silica	Percentage Fe_2O_3	MnO	Al_2O_3	CaO	L.O.I.	Total
K01-5002	60	10	25	.03	.01	.03	8.71	1.79	.619	2.47	36.54	38.39	88.65
K02-5000	50	4700	12	.04	39.70	.92	5.50	2.15	.194	1.35	14.94	13.00	99.72
K02-5001	60	30	50	.03	.43	.02	55.60	2.76	.142	12.73	7.84	8.12	87.96
K02-5002	30	570	40	.04	21.48	.35	11.80	1.62	.232	2.76	25.76	21.14	96.73
K02-5003	1030	140	130	.03	51.25	1.09	4.80	5.65	.077	.93	3.64	3.47	98.72
K02-5004	40	1250	50	.04	.95	.10	10.51	1.92	.052	3.15	42.98	39.31	99.72
K02-5005	40	650	70	.03	23.73	.20	6.77	1.00	.284	1.62	28.62	23.79	98.67
K02-5006	10	10	10	.03	.21	.01	66.60	.61	.013	11.40	.60	.55	80.14
K02-5007	20	20	10	.03	61.67	2.18	2.50	.07	.003	.06	.28	.21	100.86
K02-5008	10	30	10	.03	62.03	1.91	3.11	.27	.088	.30	.14	.19	101.93
K10-5000	10	20	40	.06	.13	.02	65.40	1.43	.026	12.29	2.90	1.57	83.92
K10-5001	20	25	60	.03	.37	.02	60.90	4.29	.090	22.42	.29	2.86	91.53
K10-5002	120	600	365	.03	21.92	.34	47.10	1.72	.019	6.10	5.43	6.76	101.25

Samples collected by D. Kavanaugh in Lake Ainslie-Mabou Mines area, 1974

Sample No.	Parts Per Million Copper	Lead	Zinc	Fluorine	BaO	SrO	Silica	Percentage Fe_2O_3 (Total)	MnO	Al_2O_3	CaO	L.O.I.	Total
CB-74-K-6B-2A	10	10	30	.62	18.89	.50	50.63	4.33	.26	.21	.97	.96	87.35
CB-74-K-6B-2B	4	50	60	43.00	2.44	.07	3.46	.16	.04	1.41	52.36	-	85.91
CB-74-K-MB-1	110	30	50	.67	51.58	2.09	.73	.16	.08	.15	6.16	5.51	95.40
CB-74-K-MN-1	10	15	30	.63	58.24	1.85	.68	.11	.03	.13	3.95	3.52	100.71
CB-74-K-1-1	20	10	20	2.94	61.13	.32	<.50	.12	.01	.11	3.50	<.20	99.77
CB-74-K-2-1	80	10	20	.90	62.81	1.18	.36	.14	.01	.06	1.26	.81	100.88
CB-74-K-3-1	110	10	20	10.80	50.02	1.02	<.50	.11	.01	.06	13.90	-	98.79
CB-74-K-4-1	160	30	20	5.40	53.00	.90	.38	.13	.01	.11	9.80	1.09	96.94
CB-74-K-5-1	80	10	15	1.60	60.12	1.24	.09	.17	.03	.17	3.01	3.00	101.11
CB-74-K-6-1	80	30	30	18.32	31.04	.80	.06	.11	.04	.10	32.20	-	91.80
CB-74-K-7-1	40	10	50	2.50	60.48	1.17	<.50	.16	.02	.15	1.01	3.05	100.47
CB-74-K-8-1	80	30	30	12.20	48.57	1.24	.20	.30	.01	1.22	14.98	.76	100.66
CB-74-K-9-1	10	10	20	.37	63.47	1.40	.77	.10	.01	.38	.20	<.20	100.96
CB-74-K-10-1	10	10	20	1.30	62.24	1.48	.22	.14	.01	.06	.83	.34	99.71