

**GEOCHEMICAL RESULTS
PELLY MOUNTAIN PROJECT**

Sep-00

GEOCHEMICAL ANALYSES BY NORTHERN ANALYTICAL LABORATORIES Ltd.

(please see below for sample preparation and analytical methods)

all values in ppm except Au in ppb

FIRE PROPERTY

F00-01 INTERVAL	(-70°/260°)			227.1m/745'																										
	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
2.7- 5.2	0.6	10	141	12	11	<	<	2	<10	<2	1	2	8	260	<5	79	12	24	13	10	5	1	<0.01	0.14	0.03	0.87	0.02	0.17	0.01	0.02
17.3- 18.5	0.3	28	46	64	<	<	<	2	<10	<3	3.1	5	17	20	<5	87	6	68	13	6	8	1	<0.01	0.13	0.05	3.14	0.02	0.08	0.01	0.01
18.5- 19.8	0.2	25	54	39	<	<	<	2	<10	<4	1.6	3	8	51	<5	100	5	35	20	16	9	1	<0.01	0.16	0.02	1.72	0.01	0.11	0.01	0.02
19.8- 21.4	0.6	21	91	81	13	5	<	7	<10	<5	3.8	11	20	16	<5	65	9	184	59	22	26	1	<0.01	0.41	0.41	3.29	0.06	0.2	0.01	0.03
21.4- 23	<0.1	10	67	41	8	<	<	3	<10	<6	<0.	10	14	93	<5	19	3	860	56	157	8	1	<0.01	0.13	15.8	0.91	0.05	0.09	0.01	0.03
23 - 24.7	<0.1	9	35	32	<	<	<	1	<10	<7	0.1	10	13	94	<5	23	3	1055	7	158	3	2	<0.01	0.18	16.2	1.5	0.1	0.12	0.01	0.03
24.7- 25.2	0.5	20	80	21	<	<	<	1	<10	<8	2.7	9	13	17	<5	78	4	68	14	21	20	1	<0.01	0.2	0.29	2.81	0.01	0.17	0.01	0.03
25.2- 26.0	<0	11	17	5	<	<	<	1	<10	<9	0.7	9	8	61	<5	17	<2	13	41	9	6	<1	<0.01	0.25	0.12	0.92	0.01	0.17	0.01	0.06
26.0- 26.6	0.1	9	29	3	<	<	<	2	<10	<10	1.3	6	9	20	<5	106	2	17	6	12	11	<1	<0.01	0.08	0.05	1.76	0.01	0.08	0.01	0.05
26.6- 28.1	0.5	16	56	7	<	<	<	2	<10	<11	3.8	41	50	8	<5	13	5	14	11	80	3	<1	<0.01	0.36	0.6	3.66	0.01	0.2	0.01	0.32
28.1- 29.6	0.3	9	49	3	<	<	<	3	<10	<12	2.1	14	16	22	<5	13	6	8	22	46	1	<1	<0.01	0.4	0.75	2.17	0.01	0.21	0.01	0.34
29.6- 30.3	2.9	43	1652	20	<	<	<	7	<10	<13	15	33	39	7	8	29	15	62	3	32	4	<1	<0.01	0.24	0.96	12.7	0.01	0.12	0.01	0.17
30.3- 31.4	0.5	17	59	5	<	<	<	3	<10	<14	3.2	23	19	12	<5	18	8	11	24	50	2	<1	<0.01	0.46	0.78	3.32	0.02	0.25	0.01	0.33
31.4- 32.1	1.7	46	379	16	<	<	<	6	<10	<15	11.6	40	32	8	<5	30	15	17	17	40	5	<1	<0.01	0.31	0.63	11.1	0.01	0.16	0.01	0.22
32.1- 34.0	0.6	25	67	7	<	<	<	2	<10	<16	5.1	35	30	5	5	12	8	5	43	47	2	<1	<0.01	0.39	0.78	5.1	0.02	0.21	0.01	0.32
34.0- 35.4	1.5	61	436	12	<	<	<	5	<10	<17	11	52	53	2	<5	22	14	48	33	70	4	<1	<0.01	0.33	1.33	9.91	0.01	0.19	0.01	0.23
35.4- 36.8	0.6	25	81	6	<	<	<	7	<10	<18	5.3	37	45	7	<5	14	10	44	48	55	14	1	<0.01	0.46	1.3	4.86	0.02	0.25	0.01	0.32
36.8- 37.5	0.6	27	107	5	<	<	<	5	<10	<2	5.1	24	27	10	<5	11	9	18	49	48	13	<1	<0.01	0.41	1.1	4.61	0.01	0.23	0.01	0.35
37.5- 39.3	0.1	5	9	3	<	<	<	2	<10	<2	0.5	10	6	81	<5	3	4	7	61	45	4	<1	<0.01	0.39	1.01	0.53	0.01	0.21	0.01	0.39
39.3- 40.8	0.1	17	34	3	<	<	<	2	<10	<2	1.7	19	8	20	<5	5	5	9	14	47	3	<1	<0.01	0.36	0.85	1.73	0.01	0.22	0.01	0.3
40.8- 42.3	0.6	26	72	5	<	<	<	3	<10	<2	3.9	18	11	8	5	8	8	8	27	37	3	<1	<0.01	0.47	0.68	4.15	0.02	0.28	0.01	0.29
42.3- 43.6	0.2	12	18	4	<	<	<	1	<10	<2	1.4	9	5	34	<5	4	6	10	55	50	2	<1	<0.01	0.47	0.76	1.33	0.02	0.29	0.01	0.29
43.6- 44.8	0.6	22	179	8	<	<	<	5	<10	<2	4	20	12	5	<5	8	8	53	44	66	6	<1	<0.01	0.46	0.97	4.12	0.02	0.27	0.01	0.25
44.8- 46.6	0.3	16	58	4	<	<	<	3	<10	<2	1.5	19	14	20	<5	6	6	15	17	53	3	1	<0.01	0.47	0.81	1.63	0.02	0.25	0.01	0.37
46.6- 46.8	<0.1	4	33	12	<	<	<	1	<10	<2	0.5	4	7	268	<5	43	2	10	19	26	3	1	<0.01	0.2	0.05	0.43	0.01	0.14	0.01	0.03
46.8- 48.1	0.4	13	45	4	<	<	<	1	<10	<2	1	16	13	33	<5	19	4	73	16	24	4	1	<0.01	0.33	0.33	1.15	0.02	0.2	0.01	0.12
48.1- 49.5	0.9	26	133	5	<	<	<	7	<10	<2	3.3	27	30	8	<5	25	6	82	9	44	13	1	<0.01	0.32	0.63	3.34	0.01	0.17	0.01	0.2
49.5- 51.0	0.2	10	15	3	<	<	<	1	<10	<2	0.9	12	11	37	<5	21	4	29	13	41	5	1	<0.01	0.34	0.5	0.88	0.02	0.18	0.01	0.25
51.0- 51.2	0.3	15	21	3	<	<	<	1	<10	<2	1.4	26	16	30	<5	44	5	18	13	63	3	<1	<0.01	0.38	0.38	1.55	0.02	0.24	0.01	0.32
51.2- 51.8	<0.1	7	11	3	<	<	<	3	<10	<2	0.8	7	8	59	<5	13	4	8	33	38	2	1	<0.01	0.42	0.51	0.65	0.02	0.22	0.01	0.24
51.8- 52.5	<0.1	5	19	4	<	<	<	3	<10	<2	0.8	5	5	99	<5	27	7	49	40	96	2	1	<0.01	0.47	0.92	0.72	0.02	0.28	0.01	0.38
52.5- 54.0	<0.1	7	6	4	<	<	<	2	<10	<2	1	12	7	82	<5	6	6	57	49	72	1	1	<0.01	0.55	1.2	0.74	0.03	0.31	0.01	0.46
54.0- 55.2	0.2	11	16	4	<	<	<	3	<10	<2	0.7	20	18	97	<5	11	5	51	48	48	2	1	<0.01	0.52	0.97	0.65	0.03	0.29	0.01	0.35
55.2- 56.4	2.9	102	886	42	<	<	<	11	<10	<2	11.8	56	75	8	<5	17	14	139	10	55	12	1	<0.01	0.34	1.16	11	0.02	0.22	0.01	0.29
56.4- 57.5	0.1	8	13	10	<	<	<	2	<10	<2	0.8	14	8	114	<5	12	7	36	31	69	2	1	<0.01	0.73	1.56	0.77	0.04	0.33	0.01	0.45
57.5- 58.9	0.3	19	14	4	<	<	<	3	<10	<2	1.4	27	19	38	<5	5	5	122	24	79	2	1	<0.01	0.5	1.54	1.39	0.03	0.27	0.01	0.48
58.9- 59.2	0.2	19	20	4	<	<	<	2	<10	<2	1.3	22	16	43	<5	23	4	424	17	192	2	2	<0.01	0.47	2.54	1.41	0.03	0.22	0.01	0.45
59.2- 60.9	0.5	16	101	5	<	<	<	2	<10	<2	1.8	16	20	15	<5	9	3	333	11	66	4	1	<0.01	0.26	1.58	2.12	0.03	0.17	0.01	0.11
60.9- 62.6	0.1	4	2	6	<	<	<	3	<10	<2	1.6	6	3	104	<5	5	10	1054	10	52	3	2	<0.01	0.26	3.96	1.24	0.87	0.18	0.01	0.1
62.6- 64.1	0.2	7	14	8	<	<	<	2	<10	<2	1.2	10	8	92	<5	11	9	531	10	29	5	2	<0.01	0.28	2.39	1.03	0.51	0.19	0.01	0.1
64.1- 65.6	0.1	8	18	10	<	<	<	6	<10	<2	1.4	8	5	105	<5	9	8	788	13	45	6	2	<0.01	0.28	3.73	1.06	0.57	0.2	0.01	0.12
65.6- 66.2	0.3	13	140	55	6	<	<	4	<10	<2	1.3	10	11	85	<5	15	2	21	17	10	4	1	<0.01	0.29	0.31	0.57	0.03	0.19	0.01	0.09

INTERVAL	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
66.2- 66.4	0.2	7	145	16	<	<	<	1	<10	<2	3.5	38	13	18	<5	8	5	8	12	11	14	<1	<0.01	0.34	0.28	3.48	0.01	0.22	0.01	0.11
66.4- 67.2	0.5	22	88	1162	<	<	<	1	<10	<2	13.5	18	24	12	<5	34	4	12	11	8	6	1	<0.01	0.27	0.16	2.72	0.01	0.18	0.01	0.06
67.2- 67.5	<0.1	12	27	16	<	<	<	1	<10	<2	1.6	8	18	30	<5	16	2	8	12	4	3	<1	<0.01	0.23	0.1	1.54	0.01	0.17	0.01	0.01
67.5- 69.2	<0.1	6	9	21	<	<	<	1	<10	<2	1.4	3	6	32	<5	45		228	17	29	3	1	<0.01	0.26	0.86	1.25	0.2	0.17	0.01	0.03
69.2- 70.7	<0.1	7	16	51	<	<	<	1	<10	<2	4	3	6	13	<5	34	2	1007	9	71	3	1	<0.01	0.23	2.82	3.32	0.74	0.12	0.01	0.04
70.7- 72.2	<0.1	5	15	49	<	<	<	2	<10	<2	3.4	4	8	19	<5	38	2	1280	11	95	3	2	<0.01	0.39	3.19	3.1	0.7	0.08	0.01	0.04
72.2- 73.7	0.7	27	83	30	<	<	<	3	<10	<2	6.1	18	30	4	<5	20	4	461	6	28	5	1	<0.01	0.21	1.02	6.33	0.21	0.11	0.01	0.01
73.7- 75.0	<0.1	9	21	24	<	<	<	3	<10	<2	2.3	2	5	15	<5	27	<2	38	15	9	5	<1	<0.01	0.27	0.14	2.18	0.02	0.11	0.01	0.03
75.0- 76.5	<0.1	3	<2	7	<	<	<	4	<10	<2	0.6	1	1	70	<5	28	<2	68	23	8	5	<1	<0.01	0.2	0.17	0.71	0.03	0.13	0.01	0.01
76.5- 77.9	<0.1	5	2	5	<	<	<	6	<10	<2	1	3	4	43	<5	29	<2	53	32	8	7	<1	<0.01	0.16	0.14	1.12	0.02	0.14	0.01	0.01
77.9- 79.2	<0.1	4	2	13	<	<	<	3	<10	<2	1.7	1	<	57	<5	37	<2	488	25	29	5	1	<0.01	0.27	0.64	1.75	0.13	0.13	0.01	0.01
79.2- 80.4	<0.1	2	7	23	21	<	<	3	<10	<2	3.2	1	2	23	<5	33	2	973	22	34	5	1	<0.01	0.26	0.64	3.22	0.18	0.16	0.01	0.02
80.4- 81.7	<0.1	2	2	24	<	<	<	3	<10	<2	3	1	4	41	<5	44	<2	1018	26	34	5	1	<0.01	0.19	0.6	2.89	0.17	0.15	0.03	0.01
81.7- 83.5	0.1	3	5	42	<	<	<	4	<10	<2	4.2	1	4	132	<5	33	2	1780	28	65	4	1	<0.01	0.18	1.57	4.12	0.38	0.13	0.02	0.02
83.5- 85.9	0.1	5	5	22	<	<	<	4	<10	<2	2	2	<	55	<5	36	<2	680	30	35	5	1	<0.01	0.28	0.93	2.13	0.15	0.16	0.01	0.02
85.9- 86.1	1.2	38	87	16	<	<	<	57	<10	<2	7.6	37	73	4	<5	32	6	304	10	25	11	1	<0.01	0.11	0.62	7.69	0.1	0.13	0.01	0.01
86.1- 88.1	0.1	5	9	22	<	<	<	5	<10	<2	2.4	2	3	157	<5	27	2	984	28	85	3	2	<0.01	0.31	2.58	2.09	0.63	0.15	0.01	0.01
88.1- 90.0	0.1	12	14	51	<	<	<	7	<10	<2	3.9	5	12	22	<5	26	2	1097	21	84	3	1	<0.01	0.28	2.71	3.23	0.66	0.12	0.01	0.02
90.0- 91.4	<0.1	3	5	29	<	<	<	4	<10	<2	3.4	2	4	57	<5	18	2	1186	29	76	2	1	<0.01	0.41	1.97	3.21	0.4	0.15	0.01	0.02
91.4- 92.8	<0.1	3	4	41	<	<	<	4	<10	<2	3.6	1	1	101	<5	26	2	1305	24	118	2	1	<0.01	0.19	3.05	3.23	0.48	0.13	0.02	0.01
92.8- 94.3	<0.1	3	6	43	<	<	<	3	<10	<2	5	2	1	122	<5	35	3	1603	57	33	4	1	<0.01	0.18	0.81	4.8	0.31	0.12	0.03	0.03
94.3- 95.6	<0.1	3	2	29	<	<	<	5	<10	<2	3.8	1	2	122	<5	33	2	1444	59	21	4	1	<0.01	0.18	0.54	3.91	0.27	0.16	0.02	0.02
95.6- 97.0	<0.1	4	2	24	<	<	<	5	<10	<2	2.7	2	6	213	<5	27	<2	1318	42	108	4	2	<0.01	0.19	3.15	2.36	0.52	0.15	0.02	0.02
97.0- 99.7	<0.1	4	8	232	<	<	<	5	<10	<2	3.3	2	3	115	<5	19	<2	1194	39	77	3	2	<0.01	0.19	2.78	2.03	0.69	0.13	0.01	0.02
99.7-100.8	1.2	32	138	50	<	<	<	11	<10	<2	7.9	13	22	6	<5	19	6	782	7	53	10	1	<0.01	0.24	1.91	7.14	0.51	0.11	0.01	0.02
100.8-103.2	<0.1	3	8	33	<	<	<	6	<10	<2	2	2	2	124	<5	12	<2	1138	24	80	3	1	<0.01	0.23	3.33	2.01	0.96	0.13	0.01	0.02
103.2-104.9	2.8	82	288	32	<	<	<	23	<10	<2	14	17	43	9	<5	39	13	201	2	16	13	<1	<0.01	0.1	0.58	12.5	0.13	0.11	0.01	0.02
104.9-105.8	0.5	14	40	21	<	<	<	7	<10	<2	3.5	6	9	11	<5	21	2	531	13	37	7	1	<0.01	0.14	1.63	3.15	0.49	0.12	0.01	0.02
105.8-107.3	0.2	9	18	10	<	<	<	3	<10	<2	1.4	9	11	35	<5	51	<2	242	24	25	9	1	<0.01	0.16	0.89	1.42	0.21	0.14	0.01	0.09
107.3-108.8	0.5	12	40	7	<	<	<	3	<10	<2	1.8	9	12	21	<5	46	<2	31	19	22	12	<1	<0.01	0.17	0.46	1.69	0.02	0.12	0.01	0.17
108.8-110.8	0.6	17	47	13	<	<	<	3	<10	<2	2.7	13	19	24	<5	51	3	222	21	28	8	1	<0.01	0.23	0.78	2.25	0.14	0.13	0.01	0.13
110.8-112.4	0.5	10	90	90	<	<	<	7	<10	<2	2.5	6	12	81	<5	61	3	358	22	61	6	1	<0.01	0.16	1.39	1.18	0.27	0.12	0.01	0.06
112.4-113.8	0.5	10	15	5	<	<	<	3	<10	<2	1.2	17	18	58	<5	29	5	18	19	16	5	<1	<0.01	0.33	0.25	1.24	0.02	0.21	0.01	0.09
113.8-115.3	0.2	9	6	3	<	<	<	1	<10	<2	0.8	9	7	151	<5	18	7	317	22	82	4	2	<0.01	0.3	1.43	0.58	0.13	0.2	0.01	0.1
115.3-118.0	0.1	6	7	6	<	<	<	2	<10	<2	1.7	7	5	186	<5	11	12	495	50	84	5	4	<0.01	0.33	3.22	1.4	0.73	0.24	0.01	0.1
118.0-121.0	0.2	10	6	6	<	<	<	3	<10	<2	1.4	8	7	112	<5	8	8	444	20	98	6	2	<0.01	0.31	3.22	1.15	0.52	0.21	0.01	0.07
121.0-122.5	0.6	18	26	7	<	<	<	5	<10	<2	2.3	16	21	38	<5	8	10	483	15	37	9	1	<0.01	0.32	1.86	1.94	0.48	0.2	0.01	0.1
122.5-123.3	0.8	38	112	14	<	<	<	3	<10	<2	3	18	29	9	<5	19	4	280	13	88	4	1	<0.01	0.29	1.67	3.11	0.07	0.18	0.01	0.15
123.3-124.1	0.5	23	66	16	<	<	<	1	<10	<2	1.9	15	31	14	<5	31	2	293	21	49	4	2	<0.01	0.43	1.01	2.26	0.14	0.11	0.01	0.14
124.1-125.6	1	32	140	8	<	<	<	4	<10	<2	3.6	20	32	6	<5	36	3	98	23	23	4	1	<0.01	0.25	0.4	3.86	0.05	0.15	0.01	0.1
125.6-127.5	1.7	40	323	12	<	<	<	3	<10	<2	7.8	18	27	2	<5	39	7	97	6	14	4	<1	<0.01	0.18	0.37	7.68	0.06	0.12	0.01	0.08
127.5-128.5	0.6	18	79	10	<	<	<	1	<10	<2	2.7	10	14	9	<5	34	4	439	14	38	3	1	<0.01	0.23	1.08	2.9	0.27	0.17	0.01	0.09
128.5-130.7	0.3	12	24	12	<	<	<	2	<10	<2	1.5	10	13	27	<5	43	4	508	25	58	3	2	<0.01	0.2	1.45	1.53	0.38	0.16	0.01	0.11
130.7-131.5	1.2	55	140	13	<	<	<	5	<10	<2	7.4	16	23	2	<5	19	6	75	3	21	3	<1	<0.01	0.11	0.32	7.48	0.05	0.09	0.01	0.08
131.5-133.5	0.9	45	119	9	<	<	<	4	<10	<2	5.1	21	32	4	<5	29	4	95	16	17	3	<1	<0.01	0.19	0.41	5.25	0.07	0.14	0.01	0.09
133.5-135.8	0.5	26	40	9	<	<	<	4	<10	<2	1.9	15	16	17	<5	33	3	262	23	31	3	1	<0.01	0.22	0.83	2.16	0.18	0.19	0.01	0.12
135.8-138.2	0.3	11	43	7	<	<	<	2	<10	<2	1.3	9	5	61	<5	18	9	498	15	33	2	1	<0.01	0.3	1.48	1.32	0.35	0.23	0.01	0.1
138.2-138.7	1.2	19	244	206	27	<	<	6	<10	<2	3.9	24	6	37	<5	10	3	9	21	9	16	<1	<0.01	0.29	0.14	1.18	0.02	0.22	0.01	0.05
138.7-140.9	<0.1	4	4	10	<	<	<	2	<10	<2	1.3	3	4	548	<5	11	2	482	79	65	3	1	<0.01	0.33	1.74	1.13	0.43	0.32	0.01	0.07

<u>INTERVAL</u>	<u>Ag</u>	<u>Cu</u>	<u>Pb</u>	<u>Zn</u>	<u>As</u>	<u>Sb</u>	<u>Hg</u>	<u>Mo</u>	<u>Tl</u>	<u>Bi</u>	<u>Cd</u>	<u>Co</u>	<u>Ni</u>	<u>Ba</u>	<u>W</u>	<u>Cr</u>	<u>V</u>	<u>Mn</u>	<u>La</u>	<u>Sr</u>	<u>Zr</u>	<u>Sc</u>	<u>Ti</u>	<u>Al</u>	<u>Ca</u>	<u>Fe</u>	<u>Mg</u>	<u>K</u>	<u>Na</u>	<u>P</u>
151.9-154.7	<0.1	1	6	12	<	<	<	1	<10	<2	2.6	2	<1	406	<5	18	2	654	59	34	2	1	0.02	0.28	1.53	2.59	0.36	0.25	0.01	0.04
154.7-156.6	<0.1	1	7	12	<	<	<	<	<10	<2	1.9	1	1	147	<5	7	<2	531	54	29	2	<1	<0.01	0.52	2.01	2.02	0.5	0.27	0.01	0.04
156.6-158.1	<0.1	1	5	17	<	<	<	2	<10	<2	2.9	2	2	160	<5	16	<2	727	51	51	3	<1	<0.01	0.51	2.9	2.77	0.8	0.23	0.01	0.03
158.1-159.6	<0.1	3	4	11	<	<	<	1	<10	<2	1.8	1	1	487	<5	14	<2	403	94	36	3	<1	0.01	0.29	1.49	2.22	0.36	0.23	0.01	0.06
159.6-160.5	<0.1	1	<2	9	<	<	<	1	<10	<2	1.3	1	2	836	<5	12	<2	289	113	46	3	<1	<0.01	0.31	1.18	1.27	0.29	0.3	0.01	0.04
160.5-162.1	<0.1	1	8	32	<	<	<	2	<10	<2	2.5	2	5	1682	<5	25	<2	863	85	164	6	1	<0.01	0.21	3.83	2.49	0.86	0.17	0.01	0.03
162.1-163.7	<0.1	2	5	26	<	<	<	4	<10	<2	2.6	2	2	698	<5	16	2	1186	95	112	4	1	<0.01	0.25	4.52	2.32	1.25	0.23	0.01	0.03
163.7-165.4	<0.1	1	5	27	<	<	<	<	<10	<2	2.5	2	4	786	<5	19	<2	997	75	127	3	1	<0.01	0.22	3.86	2.32	0.93	0.22	0.01	0.03
165.4-167.2	<0.1	2	6	30	<	<	<	1	<10	<2	2.6	2	3	1516	<5	34	<2	768	74	146	3	1	<0.01	0.2	3.23	2.38	0.62	0.21	0.01	0.03
167.5-169.6	<0.1	2	6	61	<	<	<	1	<10	<2	4.5	3	1	1482	<5	32	3	1484	54	245	4	<1	<0.01	0.15	5.59	4.14	1.05	0.17	0.01	0.03
169.6-171.5	<0.1	2	15	21	<	<	<	2	<10	<2	5.8	3	<1	737	<5	15	4	561	84	86	4	<1	0.06	0.22	2.17	5.69	0.41	0.24	0.01	0.03
171.5-173.1	<0.1	3	8	19	<	<	<	3	<10	<2	2.1	1	3	659	<5	24	<2	607	69	88	4	<1	<0.01	0.22	2.3	1.81	0.5	0.24	0.01	0.03
173.1-174.7	<0.1	3	8	27	<	<	<	3	<10	<2	2.3	2	<1	402	<5	38	<2	868	55	111	3	<1	<0.01	0.22	3.55	2.26	0.86	0.23	0.01	0.02
174.7-176.4	<0.1	1	3	18	<	<	<	1	<10	<2	2	1	1	1277	<5	15	<2	633	107	77	3	1	<0.01	0.3	2.77	1.69	0.68	0.31	0.01	0.03
176.4-178.2	<0.1	2	8	30	<	<	<	4	<10	<2	2.7	3	4	263	<5	36	2	1531	43	121	11	1	<0.01	0.1	6.94	2.94	2.13	0.1	0.01	0.02
178.2-179.9	<0.1	2	8	28	<	<	<	2	<10	<2	1.9	2	4	245	<5	26	2	1257	95	124	6	1	<0.01	0.13	5.75	2.49	1.78	0.13	0.01	0.03
179.9-181.6	<0.1	2	8	45	<	<	<	5	<10	<2	2.5	3	3	227	<5	30	2	1367	70	166	6	1	<0.01	0.11	5.69	2.63	1.68	0.11	0.01	0.02
181.6-184.6	<0.1	3	4	23	<	<	<	3	<10	<2	2.4	3	4	282	<5	35	2	952	58	112	5	1	<0.01	0.13	4.53	1.89	1.24	0.12	0.01	0.03
184.6-185.4	<0.1	2	5	19	<	<	<	1	<10	<2	1.8	2	<1	217	<5	34	<2	627	63	81	5	1	<0.01	0.22	2.96	1.39	0.9	0.14	0.01	0.02
185.4-188.5	<0.1	3	7	43	<	<	<	4	<10	<2	1.7	4	1	220	<5	30	2	1249	49	146	6	1	<0.01	0.12	5.49	2.45	1.63	0.11	0.01	0.03
188.5-191.3	<0.1	2	22	34	<	<	<	20	<10	<2	2.3	3	2	258	<5	23	3	1272	55	153	8	1	<0.01	0.18	6.97	2.65	1.91	0.15	0.01	0.03
191.3-192.5	0.1	6	31	38	<	<	<	2	<10	<2	2.5	5	1	252	<5	26	3	1021	65	108	5	1	<0.01	0.23	3.25	1.96	0.75	0.22	0.01	0.05
192.5-193.9	<0.1	4	22	41	<	<	<	12	<10	<2	2.4	5	4	220	<5	40	5	1463	41	166	4	1	<0.01	0.15	5.21	2.78	1.35	0.14	0.01	0.04
193.9-194.8	<0.1	5	12	34	<	<	<	2	<10	<2	3.8	5	3	281	<5	40	3	1416	36	168	3	1	<0.01	0.26	4.45	3.04	1.07	0.14	0.01	0.03
194.8-197.2	<0.1	3	7	17	<	<	<	2	<10	<2	4.4	3	3	130	<5	9	3	1255	68	46	2	1	<0.01	0.49	2.49	3.84	0.84	0.33	0.01	0.04
197.2-200.0	<0.1	3	5	14	<	<	<	3	<10	<2	3.9	2	2	99	<5	11	3	1736	73	50	3	1	<0.01	0.47	3.35	3.63	0.87	0.31	0.01	0.04
200.0-201.3	<0.1	3	7	12	<	<	<	3	<10	<2	3.2	2	1	73	<5	8	3	929	36	42	3	1	<0.01	0.41	3.65	3.07	0.87	0.26	0.01	0.03
201.3-204.0	<0.1	4	8	10	<	<	<	5	<10	<2	3.6	3	<1	94	<5	6	2	1194	53	34	4	<1	<0.01	0.37	3.59	3.21	0.83	0.34	0.01	0.03
204.0-205.8	<0.1	5	10	20	<	<	<	3	<10	<2	5.6	3	<1	116	<5	15	4	2570	46	61	2	<1	<0.01	0.37	4.89	4.84	1.18	0.25	0.01	0.03
205.8-207.7	<0.1	4	6	16	<	<	<	8	<10	<2	4.6	3	1	74	<5	17	3	2316	49	36	4	1	<0.01	0.54	3.77	4.24	1.08	0.24	0.01	0.03
207.7-210.6	<0.1	6	13	16	<	<	<	5	<10	<2	4.8	5	6	90	<5	17	4	2023	31	49	2	1	<0.01	0.33	4.34	4.33	0.95	0.26	0.01	0.03
210.6-213.0	<0.1	7	11	11	<	<	<	7	<10	<2	3.5	5	1	91	<5	9	4	1079	40	34	4	1	<0.01	0.34	2.55	3.5	0.54	0.29	0.01	0.04
213.0-214.2	<0.1	5	6	16	<	<	<	4	<10	<2	4.9	4	9	96	<5	7	4	1718	63	43	3	<1	<0.01	0.46	3.53	4.29	0.86	0.22	0.01	0.03
214.2-217.2	<0.1	4	7	18	<	<	<	2	<10	<2	4.8	3	2	92	<5	5	4	2404	86	32	4	<1	<0.01	0.34	2.92	5.11	0.86	0.27	0.01	0.03
217.2-219.7	<0.1	5	45	24	<	<	<	9	<10	<2	5.5	4	4	302	<5	57	5	2369	44	123	3	1	<0.01	0.32	5.52	5.44	1.1	0.18	0.01	0.04
219.7-222.1	<0.1	10	39	18	<	<	<	8	<10	<2	5.3	5	14	78	<5	15	7	1606	18	82	2	1	<0.01	0.38	4.91	4.69	1.14	0.21	0.01	0.03
222.1-224.6	<0.1	5	6	16	<	<	<	4	<10	<2	5.2	4	8	110	<5	14	5	1876	70	56	3	1	<0.01	0.35	3.52	4.4	0.8	0.3	0.01	0.05
224.6-226.8	<0.1	5	15	16	<	<	<	6	<10	<2	5.1	4	1	118	5	8	6	1679	58	70	3	1	<0.01	0.35	4.13	3.99	0.86	0.3	0.01	0.07
226.8-227.1	0.2	14	21	8	<	<	<	5	<10	<2	2.5	13	12	55	<5	14	7	725	19	53	6	1	<0.01	0.38	2.14	2.59	0.36	0.29	0.01	0.09

F00-02 INTERVAL	(-78°/265°)			41.1m/135'																										
	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
F0-002 5.2- 5.9	3	19	24	99	<5	<5	<3	8	<10	<2	5.5	5	4		<5	13	4	2180	47	18	8	<1	<0.01	0.28	2.27	3.67	0.64	0.18	0.02	0.03
F0-002 5.9- 8.0	0.5	14	65	62	<5	<5	<3	3	<10	<2	4.4	4	<1	61	<5	17	3	2195	29	29	6	<1	<0.01	0.21	2.89	3.17	0.55	0.14	0.02	0.02
F0-002 8.0-11.0	0.7	16	14	67	<5	<5	<3	3	<10	<2	4.3	4	2	89	<5	10	3	2311	19	27	6	<1	<0.01	0.28	1.97	3.33	0.47	0.18	0.02	0.03
F0-002 11.0-14.0	0.2	24	31	59	<5	<5	<3	4	<10	<2	4.6	5	5	75	<5	5	3	2098	23	22	6	<1	<0.01	0.31	1.43	3.48	0.45	0.21	0.02	0.03
F0-002 14.0-15.3	0.7	11	77	48	<5	<5	<3	12	<10	<2	5.6	7	29	50	<5	6	4	1572	29	46	4	<1	<0.01	0.32	1.37	3.89	0.29	0.21	0.01	0.06
F0-002 15.3-17.2	0.4	9	84	43	<5	<5	<3	11	<10	<2	5.6	8	33	38	<5	7	4	1692	15	46	5	1	<0.01	0.37	2.65	3.88	0.31	0.22	0.02	0.1
F0-002 17.2-17.9	1.2	12	43	42	<5	<5	<3	5	<10	<2	4.7	7	25	51	<5	54	4	1531	14	60	4	1	<0.01	0.38	3.11	2.96	0.23	0.22	0.02	0.1
F0-002 17.9-20.9	0.2	7	21	56	<5	<5	<3	3	<10	<2	4.4	8	20	61	<5	6	3	1413	12	29	4	<1	<0.01	0.35	2.28	3.18	0.33	0.21	0.02	0.08
F0-002 20.9-23.0	1.1	22	32	155	<5	<5	<3	6	<10	<2	4.9	11	39	47	<5	25	6	1467	9	48	5	1	<0.01	0.46	2.28	3.03	0.43	0.27	0.02	0.08
F0-002 23.0-24.0	3.9	37	341	559	8	18	<3	7	<10	<2	9	11	37	10	<5	25	6	1048	17	43	8	1	<0.01	0.34	1.75	4.55	0.29	0.2	0.01	0.03
F0-002 24.0-25.0	4.7	24	306	504	13	9	<3	12	<10	<2	7.1	8	27	6	<5	20	4	439	16	19	9	<1	<0.01	0.33	0.63	4.55	0.07	0.2	0.01	0.03
F0-002 25.0-26.5	12	21	726	2053	10	12	4	5	<10	<2	20.9	10	32	6	<5	11	4	70	5	16	4	<1	<0.01	0.19	0.42	4.28	0.02	0.09	0.01	0.02
F0-002 26.5-28.8	5.9	18	104	1152	6	14	<3	6	<10	<2	15.9	5	10	9	<5	6	3	75	9	27	4	<1	<0.01	0.19	0.25	2.84	0.02	0.1	0.01	0.03
F0-002 28.8-29.4	17.6	68	1238	1681	<5	42	<3	8	<10	<2	19.1	15	79	5	<5	58	5	416	36	54	5	1	<0.01	0.26	0.95	4.33	0.02	0.11	0.02	0.06
F0-002 29.4-30.2	25.5	94	1156	5043	9	53	<3	5	<10	<2	49.2	37	203	3	<5	56	8	579	67	81	9	2	<0.01	0.55	1.58	5.06	0.03	0.24	0.02	0.07
F0-002 30.2-31.8	41	90	4198	19688	26	68	8	<1	<10	<2	163.4	26	84	<2	<5	35	11	135	22	24	12	1	<0.01	0.33	0.8	5.38	0.02	0.14	0.01	0.09
F0-002 31.8-33.5	88.6	126	5619	23329	32	103	8	<1	<10	<2	159.9	16	67	<2	<5	20	8	40	15	16	19	<1	<0.01	0.28	0.26	5.76	0.02	0.15	0.01	0.04
F0-002 33.5-35.8	9.5	33	589	1305	15	13	<3	8	<10	<2	17.9	10	39	8	<5	11	4	24	15	12	6	<1	<0.01	0.25	0.12	4.22	0.01	0.14	0.01	0.03
F0-002 35.8-37.3	14.3	34	953	1286	<5	16	<3	12	<10	<2	19	11	41	5	<5	5	4	22	10	12	7	<1	<0.01	0.23	0.14	4.51	0.01	0.13	0.01	0.02
F0-002 37.3-38.1	9.3	30	501	3972	11	10	<3	10	<10	<2	31.7	9	39	4	<5	11	6	258	17	40	11	<1	<0.01	0.45	0.92	5.86	0.04	0.21	0.01	0.04
F0-002 38.1-41.1	1	10	42	323	<5	<5	<3	6	<10	<2	4.7	3	3	39	<5	16	2	869	30	58	12	<1	<0.01	0.37	2.1	2.32	0.57	0.25	0.02	0.02

AVERAGES : 23.0- 38.1 : 15.1m @ 22.39g/T Ag, 50ppm Cu, 51ppm Cd, 1529ppm Pb, 6033ppm Zn
30.2 - 31.8 : 3.3m @ 65.5g/T Ag, 109ppm Cu, 162ppm Cd, 4930ppm Pb, 2.16% ppm Zn

F00-03	(-50°/175°)			49.1m/161'																										
INTERVAL	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
F0-003 5.2- 8.2	0.2	15	18	96	<5	<5	<3	6	<10	<2	5.1	4	4	102	<5	6	3	2011	35	21	8	<1	<0.01	0.28	2.3	3.48	0.63	0.18	0.02	0.04
F0-003 8.2-11.3	0.2	20	13	57	<5	<5	<3	21	<10	<2	4.1	4	3	102	<5	3	3	1715	33	27	7	<1	<0.01	0.31	1.77	2.96	0.44	0.2	0.02	0.03
F0-003 11.3-14.3	0.2	14	16	53	<5	<5	<3	5	<10	<2	4.5	5	8	102	<5	4	3	1896	41	32	5	<1	<0.01	0.23	1.42	3.09	0.45	0.15	0.01	0.03
F0-003 14.3-17.4	0.4	13	27	74	<5	<5	<3	3	<10	<2	4.6	4	5	102	<5	23	2	2175	16	28	6	<1	<0.01	0.28	2.09	3.28	0.54	0.18	0.02	0.02
F0-003 17.4-19.2	0.5	13	114	72	<5	<5	<3	6	<10	<2	5.7	7	18	102	<5	11	4	1628	35	44	5	<1	<0.01	0.28	0.91	4.29	0.23	0.2	0.01	0.05
F0-003 19.2-21.8	0.6	11	72	194	<5	<5	<3	3	<10	<2	4.9	5	15	102	<5	6	3	687	36	42	4	1	<0.01	0.42	1.34	3.33	0.07	0.25	0.01	0.06
F0-003 21.8-23.5	0.6	20	43	229	<5	<5	<3	8	<10	<2	7.8	7	26	102	<5	9	3	661	27	58	4	1	<0.01	0.5	1.29	3.07	0.07	0.21	0.01	0.06
F0-003 23.5-24.8	1.2	43	73	112	<5	<5	<3	9	<10	<2	4.6	3	9	102	<5	20	3	235	63	33	6	1	<0.01	0.42	0.26	2.33	0.03	0.3	0.02	0.04
F0-003 24.8-26.5	9.9	64	1124	2085	<5	16	4	11	<10	<2	21.7	14	43	102	<5	13	5	35	10	16	8	<1	<0.01	0.2	0.15	4.91	0.01	0.14	0.01	0.01
F0-003 26.5-27.2	6.2	35	284	237	18	11	<3	11	<10	<2	6.9	4	12	102	<5	37	4	42	13	12	7	<1	<0.01	0.23	0.04	3.96	0.02	0.16	0.01	0.01
F0-003 27.2-27.6	0.9	8	58	126	<5	<5	<3	<1	<10	<2	1.2	1	1	102	<5	85		15	3	100	<1	<1	<0.01	0.04	0.05	0.2	<0.01	0.02	0.01	<0.01
F0-003 27.6-29.6	8.3	44	455	7015	<5	9	<3	8	<10	<2	64.9	15	62	102	<5	12	4	13	8	12	6	<1	<0.01	0.18	0.01	4.15	0.01	0.11	0.01	0.01
F0-003 29.6-32.5	7.1	28	414	694	18	13	<3	9	<10	<2	8.1	5	19	102	<5	13	2	10	33	29	6	<1	<0.01	0.2	0.01	2.24	0.01	0.12	0.01	0.01
F0-003 32.5-33.5	3.5	23	273	258	18	<5	<3	4	<10	<2	5.3	2	3	102	<5	39	3	20	90	57	7	<1	<0.01	0.34	0.07	2.37	0.02	0.43	0.02	0.04
F0-003 33.5-34.7	0.8	26	35	929	35	<5	<3	10	<10	<2	31	3	8	102	<5	28	3	765	82	83	8	<1	<0.01	0.72	2.03	3	0.53	0.24	0.02	0.12
F0-003 34.7-36.1	1	21	29	458	18	<5	<3	9	<10	<2	12.5	3	3	102	<5	12	3	859	52	47	8	<1	<0.01	0.43	2.04	2.46	0.59	0.23	0.02	0.06
F0-003 36.1-38.1	1.2	19	27	324	19	<5	<3	10	<10	<2	6.3	2	1	102	<5	15	2	378	59	31	8	<1	<0.01	0.33	0.86	1.6	0.24	0.23	0.02	0.05
F0-003 38.1-40.5	0.8	17	19	123	<5	<5	<3	6	<10	<2	6.9	2	1	102	<5	13	2	840	47	33	10	<1	<0.01	0.36	2.05	1.8	0.68	0.21	0.02	0.02
F0-003 40.5-43.3	1.3	20	45	268	<5	<5	<3	6	<10	<2	7.8	3	3	102	<5	19	3	1218	24	38	9	<1	<0.01	0.29	2.84	3.05	0.78	0.16	0.02	0.02
F0-003 43.3-44.0	1.3	11	45	57	<5	<5	<3	8	<10	<2	4.2	3	<1	102	<5	32	3	321	34	33	12	<1	<0.01	0.31	1.06	2.92	0.25	0.2	0.01	0.02
F0-003 44.0-45.4	1.5	12	68	147	<5	<5	<3	7	<10	<2	6.3	2	10	102	<5	29	4	1134	11	50	9	<1	<0.01	0.19	3.84	4.47	0.99	0.13	0.01	0.01
F0-003 45.4-48.1	1.6	14	106	333	<5	<5	<3	11	<10	<2	8.2	3	3	102	<5	25	4	1632	12	57	12	<1	<0.01	0.21	5.37	4.64	1.6	0.14	0.02	0.02
F0-003 48.1-49.1	2.3	15	174	2140	<5	5	<3	11	<10	<2	15.8	3	4	102	<5	20	3	1066	17	47	12	<1	<0.01	0.17	3.87	3.5	1.16	0.14	0.01	0.02

AVERAGES: 23.5 - 34.7 : 11.2m @ 5.8g/T Ag, 37ppm Cu, 22ppm Cd, 415ppm Pb, 1903 ppm Zn

F00-04		(-50°/355°)										60.0m/197'																			
INTERVAL		Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
F0-004 4.3- 6.8	<0.1	11	13	78	<5	<5	<3	6	<10	<2	5.3	6	2	96	<5	16	4	2684	71	22	22	<1	<0.01	0.35	5.31	3.94	1.16	0.17	0.02	0.03	
F0-004 6.8- 8.8	<0.1	14	19	44	<5	<5	<3	18	<10	<2	3.5	3	6	76	<5	6	2	759	87	15	14	<1	<0.01	0.43	1.65	2.49	0.32	0.25	0.02	0.02	
F0-004 8.8-11.3	<0.1	18	16	87	<5	<5	<3	12	<10	<2	5.7	6	7	70	<5	7	4	2091	129	15	16	<1	<0.01	0.58	2.54	3.81	0.55	0.28	0.02	0.03	
F0-004 11.3-14.0	<0.1	14	11	84	<5	<5	<3	11	<10	<2	5.5	4	7	70	<5	6	4	2070	121	18	10	<1	<0.01	0.35	2.66	3.74	0.55	0.19	0.02	0.03	
F0-004 14.0-15.8	<0.1	20	14	69	<5	<5	<3	6	<10	<2	5	4	4	75	<5	23	3	2043	93	26	9	<1	<0.01	0.37	3.31	3.41	0.61	0.21	0.02	0.04	
F0-004 15.8-18.0	<0.1	16	16	69	<5	<5	<3	5	<10	<2	4.6	5	7	74	<5	3	3	2158	21	25	6	<1	<0.01	0.32	1.78	3.34	0.4	0.18	0.02	0.05	
F0-004 18.0-19.2	<0.1	22	11	66	<5	<5	<3	4	<10	<2	4.3	4	1	88	<5	40	3	1678	10	25	7	<1	<0.01	0.27	1.9	3.27	0.39	0.17	0.01	0.02	
F0-004 19.2-22.1	<0.1	10	28	52	<5	<5	<3	8	<10	<2	5.2	7	22	48	<5	5	4	1666	15	18	6	<1	<0.01	0.27	1.27	4.05	0.17	0.18	0.02	0.06	
F0-004 22.1-24.9	<0.1	19	12	77	<5	<5	<3	6	<10	<2	5.2	6	14	69	<5	12	3	2380	12	22	8	<1	<0.01	0.31	2.02	3.58	0.44	0.19	0.02	0.03	
F0-004 24.9-25.5	0.1	13	12	80	<5	<5	<3	4	<10	<2	4.8	4	9	102	<5	19	3	2603	26	24	6	<1	<0.01	0.27	2.46	3.5	0.58	0.17	0.02	0.02	
F0-004 25.5-28.5	0.1	15	10	66	<5	<5	<3	4	<10	<2	4.4	5	7	86	<5	9	3	2215	60	31	7	<1	<0.01	0.3	2.54	3.2	0.54	0.19	0.02	0.03	
F0-004 28.5-31.2	<0.1	14	9	77	<5	<5	<3	3	<10	<2	4.8	5	4	90	<5	3	3	2400	14	18	6	<1	<0.01	0.27	1.28	3.77	0.53	0.17	0.02	0.03	
F0-004 31.2-31.4	0.1	16	12	73	<5	<5	<3	3	<10	<2	4.2	4	6	113	<5	6	3	2099	19	21	6	<1	<0.01	0.33	1.53	3.16	0.46	0.21	0.02	0.03	
F0-004 31.4-33.1	0.3	19	14	80	<5	<5	<3	11	<10	<2	4.5	7	14	57	<5	11	3	1948	12	25	7	<1	<0.01	0.31	1.29	3.57	0.36	0.2	0.02	0.05	
F0-004 33.1-34.6	0.1	14	15	74	<5	<5	<3	5	<10	<2	4.3	5	7	95	<5	13	3	2115	11	28	5	<1	<0.01	0.26	1.55	3.32	0.51	0.18	0.02	0.02	
F0-004 34.6-37.4	0.4	22	19	75	<5	<5	<3	13	<10	<2	5.7	6	7	41	5	10	4	2033	10	34	6	<1	<0.01	0.21	1.94	4.19	0.5	0.15	0.02	0.03	
F0-004 37.4-39.6	0.2	15	10	63	<5	<5	<3	8	<10	<2	4.4	5	12	73	<5	9	3	1649	15	36	6	<1	<0.01	0.26	1.7	3.17	0.39	0.17	0.02	0.05	
F0-004 39.6-41.8	0.1	16	13	68	<5	<5	<3	7	<10	<2	4.2	6	8	86	<5	5	3	2101	11	36	6	<1	<0.01	0.29	2.07	3.27	0.57	0.18	0.02	0.03	
F0-004 41.8-43.2	0.3	16	21	124	<5	<5	<3	4	<10	<2	4.6	5	4	52	7	7	3	1795	41	85	5	<1	<0.01	0.27	2.15	3.27	0.44	0.18	0.02	0.03	
F0-004 43.2-44.7	13.7	39	619	2180	<5	25	<3	11	<10	<2	18.9	24	136	3	<5	12	7	619	13	30	5	<1	<0.01	0.24	1.25	6.7	0.14	0.14	0.01	0.05	
F0-004 44.7-45.7	40	63	2205	5958	<5	49	5	8	<10	<2	45	29	154	<2	<5	15	9	385	36	22	6	<1	<0.01	0.29	0.98	7.14	0.04	0.15	0.02	0.05	
F0-004 45.7-45.9	41	45	7374	15069	<5	51	14	<1	<10	<2	127.5	15	66	<2	<5	16	5	164	17	11	5	<1	<0.01	0.3	0.34	4.8	0.06	0.14	0.02	0.04	
F0-004 45.9-46.5	14.7	16	1161	4762	21	21	<3	<1	<10	<2	17.4	2	19	12	<5	6	3	156	<2	22	1	<1	<0.01	0.05	0.35	2.19	0.06	0.03	0.01	0.01	
F0-004 46.5-48.5	8.5	41	775	2133	41	19	<3	11	<10	<2	18	21	81	3	<5	12	6	151	6	10	8	<1	<0.01	0.3	0.33	6.01	0.09	0.17	0.01	0.06	
F0-004 48.5-50.7	1.5	44	52	295	21	14	<3	9	<10	<2	5.7	16	47	11	<5	10	4	1598	7	39	8	<1	<0.01	0.23	1.32	3.31	0.36	0.15	0.01	0.07	
F0-004 50.7-51.3	0.5	18	21	53	<5	<5	<3	11	<10	<2	3.5	11	32	29	<5	3	2	2389	17	45	6	<1	<0.01	0.23	0.95	2.65	0.42	0.16	0.01	0.03	
F0-004 51.3-51.7	2	30	18	23	<5	16	<3	7	<10	<2	2.5	7	23	28	<5	2	2	52	20	12	6	<1	<0.01	0.33	0.11	1.61	0.04	0.22	0.02	0.03	
F0-004 51.7-53.5	2.9	34	88	26	10	24	<3	8	<10	<2	3.7	28	81	13	<5	12	4	392	9	17	5	<1	<0.01	0.3	0.57	2.96	0.15	0.18	0.01	0.08	
F0-004 53.5-55.2	1.6	20	38	13	9	14	<3	7	<10	<2	2.3	12	31	19	<5	1	2	65	29	13	9	<1	<0.01	0.31	0.14	1.93	0.03	0.19	0.01	0.04	
F0-004 55.2-57.0	1.8	21	38	11	9	10	<3	12	<10	<2	2.6	9	17	16	<5	3	2	620	24	29	8	<1	<0.01	0.27	0.39	2.21	0.1	0.18	0.01	0.05	
F0-004 57.0-58.6	1.8	25	41	17	12	10	<3	13	<10	<2	3	7	19	13	<5	6	3	259	24	19	8	<1	<0.01	0.3	0.35	2.52	0.08	0.2	0.02	0.04	
F0-004 58.6-59.4	0.8	20	31	19	7	<5	<3	12	<10	<2	4	6	14	20	<5	15	2	834	16	67	8	<1	<0.01	0.29	1.95	3.02	0.27	0.19	0.01	0.03	
F0-004 59.4-60.0	0.9	17	123	28	10	<5	<3	18	<10	<2	4.4	4	13	42	<5	21	3	1866	15	107	6	<1	<0.01	0.23	3.86	2.97	0.85	0.16	0.01	0.03	

AVERAGES : 43.2 - 48.5 : 5.3m @ 17.8g/T Ag, 41.9ppm Cu, 342ppm Cd, 1293ppm Pb, 3654 ppm Zn

F00-05 INTERVAL	(-78°/265°)			121.0m/397'																											
	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P	
F0-005 20.4- 22.3	<0	17	16	86	<5	<5	<	6	<10	<2	3.9	8	26	60	<5	14	3	1167	10	38	6	<1	<0.01	0.29	1.75	2.53	0.35	0.19	0.02	0.06	
F0-005 22.3- 24.6	1.5	17	48	254	<5	<5	<	6	<10	<2	4.5	8	34	19	<5	26	2	1276	18	59	7	<1	<0.01	0.28	1.79	3.26	0.32	0.18	0.01	0.03	
F0-005 24.6- 25.4	9.9	24	763	3588	<5	11	5	6	<10	<2	26	15	58	6	<5	11	2	121	9	21	6	<1	<0.01	0.22	0.49	4.44	0.02	0.12	0.01	0.01	
F0-005 25.4- 26.5	0	0	0	0	0	0	0	0	<10	<2	0	0	0	0	0	0	0	0	0	0	0	<1	<0.01	0	0	0	0	0	0	0	
F0-005 26.5- 28.9	8.2	20	328	945	<5	15	<	7	<10	<2	15.1	5	14	9	<5	6	<2	35	16	31	6	<1	<0.01	0.23	0.21	3.49	0.01	0.12	0.01	0.02	
F0-005 28.9- 29.3	10.8	43	116	182	<5	15	<	12	<10	<2	6.4	34	171	6	<5	44	5	116	28	22	7	<1	<0.01	0.35	0.56	6.37	0.02	0.15	0.01	0.05	
F0-005 29.3- 30.2	14.5	66	422	1479	<5	25	<	12	<10	<2	22.6	30	143	5	<5	19	5	41	86	22	8	<1	<0.01	0.32	0.29	6.22	0.02	0.17	0.02	0.06	
F0-005 30.2- 31.3	47	66	7850	18032	12	62	6	<	<10	<2	188.3	27	119	<	<5	37	7	53	54	31	16	<1	<0.01	0.36	0.74	4.52	0.02	0.15	0.02	0.09	
F0-005 31.3- 35.1	19.5	51	2166	2382	19	29	<	8	<10	<2	42.1	21	78	4	<5	13	3	40	31	20	9	<1	<0.01	0.26	0.27	4.85	0.02	0.16	0.01	0.03	
F0-005 35.1- 36.3	7.7	22	269	520	12	12	<	7	<10	<2	9.3	7	25	9	<5	7	<2	40	13	14	7	<1	<0.01	0.23	0.17	3.15	0.01	0.16	0.01	0.03	
F0-005 36.3- 38.7	1.6	14	54	377	<5	<5	<	8	<10	<2	4.6	3	7	13	<5	13	2	406	19	39	12	<1	<0.01	0.33	1.12	4.22	0.28	0.18	0.01	0.02	
F0-005 38.7- 41.1	<0	9	37	476	<5	<5	<	6	<10	<2	3.7	3	6	35	<5	12	<2	796	26	51	11	<1	<0.01	0.28	1.89	2.95	0.49	0.22	0.01	0.01	
F0-005 41.1- 44.2	1.1	15	48	204	<5	6	<	6	<10	<2	4.4	3	3	22	<5	21	2	288	28	23	13	<1	<0.01	0.35	0.96	3.74	0.14	0.21	0.01	0.02	
F0-005 44.2- 47.2	<0	3	13	204	<5	<5	<	7	<10	<2	3.7	1	3	183	<5	15	<2	706	48	45	5	<1	<0.01	0.36	2	1.37	0.55	0.18	0.02	0.01	
F0-005 47.2- 50.2	0.2	3	14	235	<5	<5	<	13	<10	<2	2.6	1	1	174	<5	19	<2	504	38	39	5	<1	<0.01	0.31	1.36	1.36	0.3	0.15	0.01	0.01	
F0-005 50.2- 51.3	<0	6	34	535	<5	<5	<	10	<10	<2	6.2	2	4	109	<5	28	<2	921	44	55	5	<1	<0.01	0.3	3.27	2.15	0.92	0.16	0.02	0.01	
F0-005 51.3- 52.6	0.4	10	40	44	<5	<5	<	4	<10	<2	2.9	2	4	29	<5	36	<2	25	37	19	11	<1	<0.01	0.23	0.49	2.71	0.02	0.23	0.01	0.01	
F0-005 52.6- 53.3	1.7	21	100	79	<5	<5	<	10	<10	<2	6.4	4	3	9	<5	20	4	33	42	32	14	<1	<0.01	0.28	0.57	6.12	0.02	0.27	0.01	0.03	
F0-005 53.3- 53.8	1.4	22	71	36	<5	<5	<	8	<10	<2	4.6	3	2	12	<5	24	2	22	24	11	15	<1	<0.01	0.21	0.34	4.67	0.01	0.16	0.01	0.01	
F0-005 53.8- 54.2	0.3	6	153	14	<5	<5	<	3	<10	<2	1.8	1	2	90	<5	101	<2	17	34	26	4	<1	<0.01	0.14	0.44	0.87	<0.01	0.11	0.01	0.01	
F0-005 54.2- 57.4	1.1	21	57	117	<5	<5	<	7	<10	<2	4.7	3	<	15	<5	27	2	33	34	15	12	<1	<0.01	0.26	0.28	4.56	0.02	0.21	0.01	0.01	
F0-005 57.4- 59.4	1.4	22	76	851	<5	<5	<	17	<10	<2	11.1	3	2	14	<5	22	3	231	52	30	13	<1	<0.01	0.29	0.88	5.61	0.16	0.26	0.01	0.02	
F0-005 59.4- 63.1	1.3	22	107	825	<5	<5	<	8	<10	<2	10.5	3	8	12	<5	25	2	184	61	27	12	<1	<0.01	0.31	0.83	5.9	0.05	0.2	0.01	0.02	
F0-005 63.1- 65.6	4.8	76	573	3127	10	22	<	8	<10	<2	2.3	3	3	13	<5	36	2	214	74	25	11	<1	<0.01	0.24	0.52	5.69	0.04	0.17	0.02	0.03	
F0-005 65.6- 67.6	6.2	162	128	802	5	43	<	7	<10	<2	8.8	3	2	15	<5	37	2	147	64	33	12	<1	<0.01	0.27	0.92	4.8	0.02	0.21	0.01	0.02	
F0-005 67.6- 69.6	4.2	104	99	1681	<5	27	<	21	<10	<2	22.1	4	4	11	<5	20	3	128	109	24	13	<1	<0.01	0.26	0.62	6.72	0.02	0.19	0.01	0.02	
F0-005 69.6- 72.6	0.4	26	62	170	<5	<5	<	13	<10	<2	6.6	3	5	17	5	15	<2	17	81	16	12	<1	<0.01	0.24	0.28	4.64	0.02	0.23	0.01	0.02	
F0-005 72.6- 73.2	0.2	23	41	208	<5	<5	<	11	<10	<2	4.8	3	4	21	5	11	2	315	125	25	13	<1	<0.01	0.26	1.04	4.97	0.17	0.19	0.01	0.03	
F0-005 73.2- 75.3	0.5	20	51	252	<5	<5	<	8	<10	<2	5.3	3	6	19	<5	13	2	116	114	21	12	<1	<0.01	0.21	0.61	4.54	0.03	0.16	0.01	0.02	
F0-005 75.3- 78.3	<0	10	39	340	<5	<5	<	8	<10	<2	8	3	2	44	<5	67	<2	987	36	40	10	<1	<0.01	0.28	2.3	3	0.59	0.19	0.01	0.01	
F0-005 78.3- 79.9	0.4	7	31	123	<5	<5	<	5	<10	<2	3	3	2	26	<5	13	<2	221	81	24	10	<1	<0.01	0.26	0.82	2.95	0.11	0.21	0.01	0.01	
F0-005 79.9- 81.9	2.8	13	870	4756	<5	<5	<	3	<10	<2	35.4	3	4	30	<5	21	3	1190	83	75	5	<1	<0.01	0.24	7.03	3.84	0.51	0.14	0.01	0.02	
F0-005 81.9- 84.4	0.2	3	18	100	<5	<5	<	1	<10	<2	2.1	2	1	99	<5	13	<2	925	65	29	4	<1	<0.01	0.36	1.8	2.1	0.53	0.22	0.01	0.02	
F0-005 84.4- 87.6	<0	4	19	70	<5	<5	<	2	<10	<2	3.5	2	2	79	<5	13	<2	1270	26	49	5	<1	<0.01	0.28	2.93	3.04	0.86	0.19	0.01	0.02	
F0-005 87.6- 90.2	<0	10	29	1065	<5	<5	<	7	<10	<2	8.1	3	5	66	<5	12	2	1698	12	61	15	<1	<0.01	0.21	5.02	3.29	1.64	0.16	0.02	0.01	
F0-005 90.2- 91.6	0.2	12	19	39	<5	<5	<	9	<10	<2	2.1	4	2	88	<5	18	<2	1200	32	52	14	<1	<0.01	0.18	3.87	2.11	1.24	0.15	0.01	0.02	
F0-005 91.6- 92.5	0.7	11	36	980	<5	<5	<	14	<10	<2	7.4	3	2	68	<5	11	2	2645	7	105	14	<1	<0.01	0.16	9.48	4.18	2.99	0.12	0.01	0.02	
F0-005 92.5- 93.4	1	19	66	78	<5	<5	<	8	<10	<2	4.8	4	9	40	<5	16	2	1595	6	62	14	<1	<0.01	0.15	5.03	4.55	1.63	0.12	0.01	0.02	
F0-005 93.4- 95.7	0.5	10	45	32	<5	<5	<	10	<10	<2	4.1	3	4	44	<5	18	2	1462	6	62	11	<1	<0.01	0.15	4.61	4.04	1.48	0.12	0.01	0.02	
F0-005 95.7- 97.2	<0	9	22	29	<5	<5	<	4	<10	<2	2.9	4	3	42	<5	17	<2	556	17	22	11	<1	<0.01	0.21	1.47	2.86	0.44	0.18	0.01	0.02	
F0-005 97.2- 99.7	0.1	11	14	63	<5	<5	<	9	<10	<2	1.9	3	3	92	<5	14	<2	776	37	40	20	<1	<0.01	0.2	2.19	1.71	0.69	0.16	0.01	0.02	
F0-005 99.7-101.5	2.5	60	77	45	<5	18	<	5	<10	<2	1.6	3	3	203	<5	16	<2	765	57	35	16	<1	<0.01	0.18	2.44	1.34	0.78	0.15	0.01	0.02	
F0-005 101.5-103.3	0.9	25	25	69	<5	6	<	7	<10	<2	1.5	4	3	123	<5	15	<2	672	48	37	15	<1	<0.01	0.18	2.12	1.42	0.65	0.15	0.01	0.02	
F0-005 103.3-104.8	1	15	57	415	<5	<5	<	19	<10	<2	5.6	3	3	48	<5	17	2	1553	10	83	18	<1	<0.01	0.18	4.38	3.67	1.39	0.13	0.01	0.02	
F0-005 104.8-106.3	0.1	5	13	41	<5	<5	<	3	<10	<2	1.8	3	2	94	<5	11	<2	790	42	32	9	<1	<0.01	0.22	1.63	1.68	0.51	0.2	0.01	0.03	
F0-005 106.3-107.8	0.2	4	13	43	<5	<5	<	3	<10	<2	1.8	4	<	104	<5	10	<2	1115	44	36	7	<1	<0.01	0.21	1.64	2.21	0.58	0.18	0.01	0.03	
F0-005 107.8-109.3	0.1	7	19	69	<5	<5	<	4	<10	<2	2.7	5	4																		

INTERVAL	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
F0-005 112.3-113.6	0.1	5	19	77	<5	<5	<	4	<10	<2	2.6	3	2	128	<5	21	2	1499	35	42	10	<1	<0.01	0.2	1.81	3.05	0.71	0.18	0.01	0.03
F0-005 113.6-114.2	<0	4	14	251	<5	<5	<	8	<10	<2	2.2	3	2	161	<5	13	<2	1086	35	40	6	<1	<0.01	0.44	1.52	2.36	0.47	0.22	0.01	0.02
F0-005 114.2-116.1	0.5	12	244	1397	<5	<5	<	62	<10	<2	11.9	3	<	54	<5	16	<2	2083	54	77	8	<1	<0.01	0.25	4.12	3.23	1.1	0.16	0.01	0.02
F0-005 116.1-117.8	<0	6	27	37	<5	<5	<	11	<10	<2	2.8	3	<	64	<5	9	<2	2503	19	57	10	<1	<0.01	0.24	4.54	2.99	1.16	0.15	0.01	0.02
F0-005 117.8-119.6	0.7	9	67	718	<5	<5	<	43	<10	<2	7	2	<	56	<5	10	2	5909	9	95	6	<1	<0.01	0.18	8.87	4.37	2.75	0.11	0.01	0.02
F0-005 119.6-121.0	<0	6	50	97	<5	<5	<	11	<10	<2	2.5	2	2	30	<5	11	<2	1189	137	37	10	<1	<0.01	0.27	2.36	2.78	0.37	0.16	0.01	0.01
Minimum detection	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

AVERAGES : **24.6 - 81.9 : 57.3m @ 4.4g/T Ag, 30ppm Cu, 15ppm Cd, 428ppm Pb, 1219 ppm Zn**
57.4 - 69.6 : 12.2m @ 3.3g/T Ag, 69ppm Cu, 15ppm Cd, 199ppm Pb, 1437ppm Zn

ICE PROPERTY I00-01 INTERVAL	(-87°/006°) Length	107m/351'					Zn
		Au	Ag	Cu	Pb	Zn	
24.2 - 26.3	2.10	14.0	1.7	13	158	219	
26.3-28.6	2.30	13.0	3.5	5	225	818	
28.6-30.2	1.60	10.0	2.8	6	181	290	
30.2-31.7	1.50	11.0	5.4	24	526	284	
31.7-32.2	0.50	36.0	5.0	20	147	317	
32.2-33.2	1.00	27.0	3.5	19	307	898	
33.2-34.7	1.50	31.0	7.8	36	3190	12200	
34.7-35.6	0.90	43.0	9.8	81	3490	10000	
35.6-36.3	0.70	51.0	21.0	90	2760	10000	
36.3-37.8	1.50	80.0	29.7	117	7340	7020	
37.8-38.3	0.50	53.0	22.7	34	2530	1900	
38.3-41.2	2.90	19.0	8.4	32	1380	1520	
41.2-42.2	1.00	17.0	7.5	21	3710	289	
42.2-43.6	1.40	20.0	4.1	66	925	2860	
43.6-45.0	1.40	24.0	7.0	65	1940	3180	
45.0-46.1	1.10	54.0	25.9	13	2540	128	
46.1-47.2	1.10	27.0	6.0	112	2050	1042	
47.2-49.1	1.90	47.0	6.4	45	239	647	
49.1-49.7	0.60	25.0	21.4	1205	8110	11300	
49.7-50.6	0.90	31.0	7.2	158	2180	1204	
50.6-52.7	2.10	32.0	3.4	142	510	1570	
52.7-54.7	2.00	25.0	0.9	58	158	227	
54.7-56.7	2.00	33.0	1.1	113	190	182	
56.7-58.0	1.30	70.0	28.4	1203	8620	56400	
58.0-58.8	0.80	29.0	10.2	143	1244	5610	
58.8-60.7	1.90	26.0	12.6	37	1738	9900	
60.7-62.5	1.80	24.0	8.1	74	1046	3600	
62.5-62.8	0.30	18.0	5.0	36	415	860	
62.8-64.4	1.60	24.0	7.6	105	828	3200	
64.4-66.0	1.60	18.0	5.5	48	389	1390	
66.0-67.80	1.80	19.0	6.9	50	887	4020	
67.8-68.4	0.60	25.0	12.7	75	2240	27900	
68.4-70.4	2.00	19.0	7.1	48	760	3090	
70.4-72.2	1.80	17.0	7.8	56	860	3020	
72.2-73.5	1.30	19.0	6.3	88	525	1467	
73.5-74.5	1.00	24.0	8.3	69	949	3760	
74.5-75.9	1.40	25.0	12.3	82	1488	4770	
75.9-77.4	1.50	29.0	10.4	53	1232	5910	
77.4-78.6	1.20	15.0	1.9	23	118	450	
78.6-79.8	1.20	28.0	7.3	82	1054	4400	
79.8-81.6	1.80	29.0	8.8	64	1543	3180	
81.6-83.1	1.50	19.0	3.6	71	1073	2390	
83.1-83.5	0.40	12.0	5.4	43	87	120	
83.5-84.0	0.50	10.0	14.1	138	751	171	
84.0-85.0	1.00	14.0	6.1	60	195	722	
85.0-86.9	1.90	16.0	8.3	77	916	2150	
86.9-88.5	1.60	16.0	3.1	38	248	2210	

<u>INTERVAL</u>	<u>Length</u>	<u>Au</u>	<u>Ag</u>	<u>Cu</u>	<u>Pb</u>	<u>Zn</u>
88.5-90.2	1.70	13.0	4.6	41	404	1430
90.2-90.5	0.30	24.0	5.0	61	354	143
90.5-91.3	0.80	24.0	5.9	62	590	1690
91.3-92.1	0.80	27.0	11.9	99	1830	6020
92.1-93.3	1.20	29.0	6.6	68	648	2780
93.3-94.8	1.50	32.0	3.1	57	243	776
94.8-96.2	1.40	33.0	2.1	73	106	251
96.2-96.5	0.30	64.0	2.1	92	79	313
96.5-97.8	1.30	37.0	2.0	294	53	339
97.8-99.3	1.50	33.0	1.8	187	39	160
99.3-100.8	1.50	31.0	2.2	105	49	181
100.8-102.3	1.50	31.0	1.7	58	53	484
102.3-103.9	1.60	30.0	1.4	49	54	518
103.9-104.9	1.00	26.0	1.7	47	98	82
104.9-106.0	1.10	28.0	2.3	63	248	41
106.0-107.0	1.00	31.0	2.7	70	271	35

AVERAGES : **30.2-78.6 : 48.4m @ 8.9g/T Ag, 110ppm Cu, 1659ppm Pb, 5019 ppm Zn**
56.7-62.5 : 5.8m @ 14g/T Ag, 324ppm Cu, 2997ppm Pb, 0.18% Zn

SAMPLE PREPARATION

Sample preparation is the most important step of the analytical process: If samples are mixed up at this stage or are not prepared properly so as to produce a pulp that is representative of the original sample, then it will be impossible to produce satisfactory analyses. Therefore, although this is simple manual work, we consider proper sample preparation a high priority.

Sample submissions first are sorted and checked against the submittal sheet, if one is provided. At every stage of the preparation process sample labels are cross-checked to guard against mix-ups. Compressed air is used liberally to clean all pieces of equipment between samples to prevent cross contamination. Work stations are kept as clean as practicable and dust collection systems control airborne dust.

SOILS & SEDIMENTS: Samples are dried at 65oC in their original paper soil bags, or after transferring to such bags if necessary. They are sieved through an 80 mesh screen, if necessary breaking down agglomerated material but not stones or vegetation. (Other sieve sizes can be used on request.) If there is insufficient -80 mesh material, a separate -40 mesh fraction is prepared. The oversize is returned to the original soil bag and stored for 30 days.

ROCKS and DRILL CORE: Overweight samples are weighed and wet samples are dried at 65oC. Each sample is put through a primary jaw crusher and then a cone crusher set to produce at least 50% -10 mesh. Then it is split through a riffle until a final split of approximately 250 grams is obtained. This split is pulverized to at least 90% -150 mesh with a ring pulverizer. Barren rock is processed through the crushers and pulverizing pots after samples that are believed to be high grade or whenever sample material sticks to the equipment. The crushed sample rejects are returned to their original sample bags and stored for 30 days.

ANALYTICAL PROCEDURES

ASSAY ANALYSIS BY ATOMIC ABSORPTION (AAS)

1.000 gram of sample pulp is weighed. Three duplicates (checks) and an in-house standard pulp are included along with each set of 20 samples.

The samples are digested on a hotplate with 5mls of HNO₃ (nitric acid) until reaction is complete; additional HNO₃ is added if necessary to complete reaction. Digestion is completed with the addition of 10mls of HCl (hydrochloric acid). The samples are boiled for 10 minutes, bulked up with deionized water while hot, cooled, adjusted to the 100ml volume mark in volumetric flasks and mixed completely. The final acid concentration is 10% HCl.

The samples are analysed by atomic absorption, with the instrument calibrated to an appropriate series of standard solutions which contain the same acid matrix as the sample solutions. At least 3 standards are used to calibrate each concentration range. The calibration and baseline zero are checked at least every 12 sample solutions and recalibrated as necessary. Deionized water with some added HCl is aspirated after each sample to prevent carry over from one sample to the next. Background correction is used for those elements which otherwise are liable to be affected by non-atomic absorption from the sample matrix. Elements which may be unstable in solution are analysed within an appropriate time period. Samples containing element concentrations above the satisfactory calibration range of the instrument are diluted quantitatively while maintaining the same acid matrix. If concentrations are very high, samples are assayed or reassayed using 0.100 gram of sample pulp.

GEOCHEMICAL ANALYSIS BY ATOMIC ABSORPTION (AAS)

0.50 grams of sample pulp is weighed into new disposable test tubes. Three duplicates (checks) and an in-house standard pulp are included along with each set of 20 samples.

The samples are digested in a hot water bath above 80°C with aqua regia (1 part HNO₃ to 3 parts HCl), first with only HNO₃ (nitric acid) for 30 minutes, then with added HCl (hydrochloric acid) for another hour and a half. The samples are bulked up to volume with deionized water and mixed thoroughly using a vortex mixer. The final acid concentration is 10% HNO₃, 30% HCl.

The samples are analysed by atomic absorption, with the instrument calibrated to an appropriate series of standard solutions which contain the same acid matrix as the sample solutions. At least 3 standards are used to calibrate each concentration range. The calibration and baseline zero are checked at least every 12 sample solutions and recalibrated as necessary. Deionized water with some added HCl is aspirated after each sample to prevent carry over from one sample to the next. Background correction is used for those elements which otherwise are liable to be affected by non-atomic absorption from the sample matrix. Elements which may be unstable in solution are analysed within an appropriate time period. Samples containing element concentrations above the satisfactory calibration range of the instrument are diluted while maintaining the same acid matrix.