Rainbow Grid

825007

1990 Soil Results

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Minnova Inc. PROJECT 661 File # 90-1233 Page 1

3rd floor-311 Water St., Vancouver B.C Canada V6B 1B8 Submitted by: LINDA LEE

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	Au* ppb
100+00N 75+25E	1	24	20	110	.1	26	13	755	4.59	4	5	ND	2	112	.7	2	5	90	.87	.176	32	100	1.47	401	.34	7	1.63	.03	.48	1	3
100+00N 75+50E	1	20	20	77	.1	23	13	453	4.56	4	5	ND	5	66	.9	2	2	99	.59	.093	39	79	1.27	240	.34	2	1.88	.02	.32	1	3
100+00N 75+75E	1	10	7	34	.1	10	6	321	1.77	6	5	ND	5	58	.5	2	2	40	.22	.026	25	21	.31	98	.11	2	1.01	.02	.11	1	1
100+00N 76+00E	1	13	28	58	.1	7	6	378	1.70	9	5	ND	5	65	.5	2	2	24	.21	.036	44	14	.33	95	.04	2	1.24	.03	.17	1	4
100+00N 76+25E	1	12	19	49	.1	10	5	361	1.94	5	5	ND	7	77	.5	2	2	36	.27	.033	39	22	.36	116	.11	2	1.13	.02	.22	1	5
100+00N 76+50E	1	15	17	43	.2	12	6	405	1.95	7	5	ND	6	65	.5	2	2	39	.28	.044	35	22	.33	102	.12	3	1.03	.03	.15	1	3
100+00N 76+75E	1	13	12	29	.1	9	5	295	1.96	6	5	ND	5	55	.2	2	2	43	.26	.057	30	21	.28	74	.09	2	.84	.02	.11	1	7
100+00N 77+00E	1	16	15	41	.1	12	6	350	2.13	7	5	ND	6	66	.2	2	2	46	.32	.063	34	21	.30	82	.10	2	.94	.01	.14	1	5
100+00N 77+25E	1	14	16	37	.1	10	5	347	2.02	8	5	ND	7	63	.2	2	2	42	.29	.066	34	18	.29	79	.09	2	.78	.02	.16	1	6
100+00N 77+50E	1	14	12	45	.1	11	5	443	2.33	8	5	ND	5	65	.2	2	3	56	.33	.077	35	23	.25	89	.11	2	.98	.02	.14	1	4
100+00N 77+75E	1	10	9	44	.1	8	4	562	1.73	6	5	ND	4	74	.2	2	4	38	.36	.071	30	16	.21	101	.09	2	.81	.01	.10	1	5
100+00N 78+00E	1	12	12	30	.1	7	5	329	1.92	6	5	ND	6	64	.2	2	2	41	.28	.069	32	17	.21	74	.09	2	.88	.02	.14	1	5
100+00N 78+25E	1	14	9	39	.1	8	5	496	1.70	6	5	ND	2	138	.5	2	2	34	.43	.094	29	16	.21	117	.09	2	1.04	.02	.14	2	2
100+00N 78+50E	1	15	11	42	.1	8	5	521	1.60	4	5	ND	2	189	.4	2	2	31	.36	.066	25	16	.27	123	.10	2	1.39	.03	.11	1	1
100+00N 78+75E	1	20	15	42	.1	10	6	539	1.84	12	5	ND	4	209	.5	2	2	34	.48	.090	32	18	.32	130	.11	2	1.31	.02	.20	1	15
100+00N 79+00E	1	14	12	40	.1	8	5	394	1.66	8	5	ND	4	218	.2	2	2	27	.34	.039	27	17	.31	99	.10	2	1.12	.02	.19	1	4
100+00N 79+25E	1	23	8	69	.1	6	4	597	1.09	9	5	ND	1	137	.2	2	2	24	.61	.116	9	9	.16	122	.07	2	.65	.02	.06	1	3
100+00N 79+50E	1	16	13	50	.1	9	5	487	1.54	6	5	ND	2	100	.2	2	2	29	.47	.085	26	15	.23	142	.10	2	1.41	.02	.15	1	143
100+00N 79+75E	1	14	9	55	.1	8	5	503	1.76	9	5	ND	3	77	.4	2	2	33	.32	.054	26	15	.27	131	.13	2	1.74	.02	.14	1	16
100+00N 80+00E	1	26	13	89	.1	13	9	679	2.64	5	5	ND	2	140	.4	2	2	54	.67	.146	24	39	.76	143	.17	2	1.47	.02	.19	1	4
100+00N 80+25E	1	19	12	45	.1	9	6	502	1.85	7	5	ND	3	218	.2	2	2	34	.51	.094	31	22	.33	165	.12	2	1.40	.02	.17	1	3
100+00N 80+50E	1	16	22	45	.1	10	6	460	2.06	6	5	ND	5	128	.3	2	2	39	.46	.084	38	21	.30	161	.14	2	1.77	.02	.17	1	4
100+00N 80+75E	1	18	12	45	.1	9	5	461	1.88	3	5	ND	2	205	.2	2	2	38	.48	.102	28	24	.34	153	.12	2	1.44	.02	.20	1	2
100+00N 81+00E	1	17	9	54	.1	8	6	513	1.61	7	5	ND	1	117	.2	2	2	30	.54	.102	34	14	.24	159	.10	3	1.51	.02	.16	1	4
100+00N 81+25E	1	16	9	45	.1	7	4	423	1.63	6	5	ND	1	110	.2	2	2	31	.51	.095	30	14	.24	174	.11	2	1.76	.02	.15	1	2
100+00N 81+50E	1	16	15	63	.1	10	5	526	1.84	2	5	ND	1	121	.4	2	2	33	.55	.095	26	20	.32	213	.14	4	1.91	.02	.15	1	1
100+00N 81+75E	1	19	9	50	.1	10	5	476	1.69	4	5	ND	2	277	.2	2	2	28	.61	.087	27	17	.31	147	.10	4	1.46	.02	.23	1	4
100+00N 82+00E	1	23	11	91	.1	10	9	888	2.08	22	5	ND	1	260	.3	2	2	34	.71	.119	35	22	.40	126	.10	2	2.00	.02	.12	1	3
100+00N 82+25E	2	23	22	89	.1	11	9	576	2.21	16	5	ND	3	190	.3	2	2	35	.40	.146	60	14	.32	133	.11	2	2.22	.02	.14	1	5
100+00N 82+50E	1	24	22	60	.1	10	7	477	1.92	7	5	ND	7	302	.2	2	2	31	.68	.151	73	15	.33	145	.08	2	1.54	.02	.26	1	1
100+00N 82+75E	1	23	20	54	.1	12	7	539	2.07	7	5	ND	6	317	.2	2	2	38	.63	.112	54	21	.35	152	.12	2	1.73	.02	.20	1	4
75+00E 100+00N	1	19	14	60	.1	10	5	394	1.89	4	5	ND	2	163	.2	2	2	43	.74	.096	32	23	.35	90	.09	2	.87	.02	.10	1	4
75+00E 99+75N	1	9	4	20	.1	4	2	165	1.09	5	5	ND	1	87	.2	2	2	22	.29	.074	7	10	.13	99	.07	2	.51	.03	.08	1	2
75+00E 99+50N	1	16	11	60	.1	19	10	378	2.90	3	5	ND	1	101	.2	2	2	59	.64	.152	24	54	1.03	292	.24	2	.95	.03	.31	1	4
75+00E 99+25N	1	22	19	102	.1	28	15	427	5.99	7	5	ND	4	87	.2	4	2	149	.80	.245	37	107	1.72	119	.31	2	1.30	.02	.37	1	4
75+00E 99+00N	1	18	17	63	.1	12	6	500	2.18	7	5	ND	2	169	.2	2	3	53	.87	.110	32	34	.47	131	.16	2	.84	.02	.12	1	3
STANDARD C/AU-S	18	58	44	130	7.0	67	31	1062	4.13	43	17	7	38	49	18.8	15	21	60	.49	.095	39	56	.89	176	.08	34	1.90	.06	.13	11	53

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 9 1990 **DATE REPORT MAILED:** May 14/90 **SIGNED BY.** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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	Au* ppb
75+00E 98+75N	1	8	9	42	.1	9	4	602	1.05	2	5	ND	1	49	.2	2	2	19	.28	.024	13	10	.15	87	.07	3	1.01	.02	.09	1	2
75+00E 98+50N	1	8	7	37	.1	6	3	554	.96	2	5	ND	1	48	.2	2	2	20	.29	.024	11	9	.14	91	.07	4	.84	.02	.10	1	1
75+00E 98+25N	1	10	7	48	.1	9	5	634	1.56	2	5	ND	3	55	.2	2	2	30	.36	.025	22	22	.31	111	.11	2	1.24	.02	.15	1	2
75+00E 98+00N	1	16	19	60	.1	16	7	480	2.24	2	5	ND	4	61	.5	2	2	43	.46	.040	30	37	.62	128	.17	3	1.54	.02	.23	1	1
75+00E 97+75N	1	10	8	45	.1	10	5	492	1.49	5	5	ND	3	46	.2	2	3	27	.25	.028	23	19	.31	126	.11	5	1.21	.02	.17	1	2
75+00E 97+50N	1	9	10	41	.1	10	5	220	1.42	2	5	ND	4	32	.2	2	2	28	.14	.028	20	13	.22	83	.10	2	1.41	.01	.08	1	3
75+00E 97+25N	1	19	7	57	.1	15	7	523	2.20	3	5	ND	5	60	.2	2	4	46	.45	.066	41	34	.59	155	.16	2	1.31	.02	.23	1	2
75+00E 97+00N	1	15	10	47	.1	20	6	476	1.87	2	5	ND	6	65	.2	2	3	34	.34	.047	34	26	.46	128	.12	2	1.26	.02	.22	1	3
75+00E 96+75N	1	10	11	57	.2	11	5	380	1.53	4	5	ND	3	68	.3	2	2	29	.28	.038	22	20	.29	138	.12	5	1.26	.02	.17	1	1
75+00E 96+50N	1	8	10	48	.1	10	4	171	1.46	5	5	ND	4	38	.2	2	2	28	.16	.043	19	14	.22	83	.10	2	1.29	.02	.08	1	2
75+00E 96+25N	1	13	11	48	.1	9	5	458	1.58	2	5	ND	6	49	.2	2	2	33	.25	.037	32	17	.25	107	.10	2	1.15	.02	.17	1	1
75+00E 96+00N	1	18	9	47	.1	12	6	530	1.62	9	5	ND	5	76	.2	2	4	35	.39	.087	40	17	.34	102	.09	3	.93	.02	.17	2	2
75+00E 95+75N	1	19	12	54	.1	13	6	457	1.65	9	5	ND	4	89	.2	2	2	36	.51	.092	38	18	.29	107	.09	4	1.02	.02	.17	1	1
75+00E 95+50N	1	17	12	50	.2	11	6	391	1.76	5	5	ND	5	68	.4	2	4	40	.39	.080	39	19	.30	97	.09	5	.98	.02	.14	1	6
75+00E 95+25N	1	27	12	70	.1	21	9	558	2.28	12	5	ND	7	101	.2	2	6	48	.58	.105	49	30	.69	135	.09	2	1.43	.02	.26	1	4
75+00E 95+00N	1	21	14	62	.1	17	7	459	1.97	2	5	ND	6	92	.6	2	4	43	.45	.116	45	25	.46	116	.10	2	1.19	.01	.23	1	1
75+00E 94+75N	1	23	15	67	.1	32	8	454	2.21	3	5	ND	7	96	.2	2	4	44	.55	.107	42	34	.74	125	.12	2	1.38	.02	.19	1	3
75+00E 94+50N	1	15	9	47	.1	17	7	412	2.07	3	5	ND	4	47	.2	2	3	47	.39	.056	26	36	.49	129	.17	6	1.60	.02	.11	1	3
75+00E 94+25N	1	13	11	46	.1	12	6	395	1.68	2	5	ND	1	46	.2	2	3	41	.57	.089	17	38	.61	174	.18	2	.82	.02	.15	1	1
75+00E 94+00N	1	19	7	69	.1	29	14	707	3.06	4	5	ND	2	64	.2	2	2	54	.63	.066	27	79	1.64	121	.15	2	1.73	.02	.25	1	2
75+00E 93+75N	1	9	11	33	.1	66	6	428	1.15	2	5	ND	2	50	.5	2	2	22	.27	.043	14	37	.40	99	.07	2	.62	.02	.14	1	1
75+00E 93+50N	1	19	13	52	.1	17	7	429	2.04	2	5	ND	6	98	.2	2	2	36	.44	.043	39	28	.47	160	.10	2	1.54	.02	.20	1	2
75+00E 93+25N	1	17	17	50	.1	14	7	552	1.75	3	5	ND	6	69	.2	2	4	37	.34	.056	42	21	.38	114	.09	2	1.11	.02	.20	1	2
75+00E 93+00N	1	12	13	40	.1	12	5	449	1.65	7	5	ND	5	55	.2	2	2	33	.28	.043	34	19	.25	114	.11	2	1.36	.02	.17	2	1
75+00E 92+75N	1	21	8	61	.1	14	6	532	1.86	4	5	ND	6	78	.2	2	2	40	.46	.092	46	23	.36	117	.10	3	1.17	.02	.21	1	2
75+00E 92+50N	1	21	14	61	.1	15	7	505	1.92	5	5	ND	7	85	.2	2	2	42	.44	.099	46	21	.35	128	.11	4	1.37	.02	.23	1	3
75+00E 92+25N	1	22	8	63	.1	31	7	521	1.83	4	5	ND	5	89	.2	2	2	39	.44	.102	42	30	.44	132	.10	3	1.30	.02	.21	1	1
75+00E 92+00N	1	20	9	55	.1	63	9	457	2.13	3	5	ND	5	76	.2	2	2	42	.44	.092	38	45	.75	120	.11	2	1.28	.02	.17	1	2
75+00E 91+75N	1	20	14	57	.1	198	14	508	1.74	5	5	ND	2	76	.2	3	2	29	.60	.076	19	81	1.65	135	.07	6	.98	.01	.14	1	2
75+00E 91+50N	1	14	7	47	.1	136	13	546	1.47	2	5	ND	2	86	.2	2	2	23	.39	.037	19	76	.96	137	.07	2	1.04	.02	.12	1	1
75+00E 91+25N	1	13	13	48	.1	60	7	283	1.71	2	5	ND	5	82	.2	2	3	33	.33	.032	34	42	.50	98	.10	2	1.07	.02	.16	1	1
75+00E 91+00N	1	10	12	50	.1	10	4	275	1.24	3	5	ND	4	63	.2	2	2	25	.22	.052	20	12	.19	102	.08	4	1.04	.01	.13	1	2
76+00E 99+00N	1	6	3	42	.1	7	4	666	1.29	2	5	ND	3	46	.2	2	2	26	.20	.029	15	11	.17	122	.10	2	1.31	.02	.11	1	1
76+00E 98+75N	1	9	13	39	.1	9	4	402	1.45	3	5	ND	5	47	.2	2	2	25	.22	.025	23	13	.21	109	.11	2	1.45	.01	.14	1	1
76+00E 98+50N	1	7	9	50	.1	8	4	471	1.18	3	5	ND	3	43	.2	2	2	25	.24	.056	16	11	.16	118	.09	2	1.04	.02	.10	1	3
76+00E 98+25N	1	13	10	47	.1	8	4	458	1.43	2	5	ND	3	67	.2	2	2	31	.37	.116	22	14	.21	119	.09	2	1.12	.02	.11	1	3
STANDARD C/AU-S	17	57	42	128	7.2	67	30	1060	3.76	43	17	8	36	48	18.2	15	21	57	.49	.093	38	58	.88	175	.08	32	1.89	.06	.14	11	52

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	Au* ppb
76+00E 98+00N	1	14	10	39	.1	7	4	424	1.16	8	5	ND	1	80	.2	2	2	26	.41	.098	24	10	.19	114	.08	2	.97	.01	.12	1	2
76+00E 97+75N	1	16	8	54	.1	8	5	500	1.38	6	5	ND	1	102	.2	2	2	29	.54	.115	26	13	.24	143	.08	3	1.19	.01	.17	1	2
76+00E 97+50N	1	16	12	57	.1	8	4	523	1.23	6	5	ND	2	117	.6	2	2	25	.55	.099	29	10	.19	160	.08	2	1.21	.01	.15	1	2
76+00E 97+25N	1	16	10	66	.1	6	4	538	1.17	5	5	ND	2	84	.2	2	2	25	.46	.108	24	10	.19	138	.08	2	1.12	.01	.13	1	1
76+00E 97+00N	1	19	14	54	.1	12	6	494	1.79	7	5	ND	2	98	.2	2	2	40	.48	.099	38	23	.32	174	.12	2	1.65	.01	.17	1	2
76+00E 96+75N	1	19	11	55	.1	12	6	531	1.91	6	5	ND	4	78	.3	2	2	47	.45	.104	43	23	.37	154	.13	2	1.30	.01	.19	1	60
76+00E 96+50N	1	21	19	68	.1	12	8	698	1.89	8	5	ND	4	79	.2	2	2	45	.48	.091	41	22	.36	139	.14	2	1.48	.02	.18	1	1
76+00E 96+25N	1	21	10	72	.1	9	6	572	1.54	4	5	ND	3	94	.2	2	2	33	.57	.094	37	16	.31	141	.10	2	1.35	.01	.17	1	29
76+00E 96+00N	1	17	14	66	.2	9	5	452	1.46	4	5	ND	2	91	.2	2	2	32	.51	.084	33	13	.23	141	.10	2	1.40	.01	.16	1	3
76+00E 95+75N	1	18	13	67	.1	9	5	468	1.49	6	5	ND	3	102	.2	2	2	32	.45	.078	33	15	.27	138	.10	2	1.42	.01	.19	1	1
76+00E 95+50N	1	19	12	60	.1	12	6	506	1.62	7	5	ND	3	114	.4	2	3	35	.49	.079	36	16	.30	152	.10	2	1.45	.01	.21	1	2
76+00E 95+25N	1	17	15	60	.1	10	5	466	1.47	3	5	ND	3	90	.3	3	2	32	.43	.080	31	14	.26	131	.09	4	1.28	.01	.18	1	1
76+00E 95+00N	1	23	17	62	.1	16	8	550	2.08	8	5	ND	7	89	.2	3	2	49	.42	.095	46	26	.45	122	.10	2	1.19	.01	.27	1	8
76+00E 94+75N	1	23	10	60	.1	14	7	542	1.82	6	5	ND	6	84	.6	2	2	40	.46	.080	40	20	.37	137	.12	2	1.55	.02	.24	1	3
76+00E 94+50N	1	21	14	58	.2	10	6	495	1.49	9	5	ND	2	97	.2	2	2	32	.51	.083	36	15	.28	150	.10	3	1.51	.02	.21	1	1
76+00E 94+25N	1	21	14	64	.1	12	6	500	1.75	6	5	ND	5	100	.2	3	2	40	.54	.103	47	18	.34	127	.09	2	1.24	.01	.24	1	5
76+00E 94+00N	1	21	16	56	.2	15	7	495	2.00	5	5	ND	7	70	.4	2	2	44	.38	.080	45	25	.42	115	.12	2	1.55	.01	.21	1	2
76+00E 93+75N	1	24	14	62	.1	23	10	889	2.57	9	5	ND	7	98	.2	2	3	55	.76	.166	62	34	.73	133	.14	5	1.60	.02	.34	1	5
76+00E 93+50N	1	20	17	53	.1	22	7	588	1.71	6	5	ND	6	87	.2	2	2	37	.55	.077	45	24	.36	128	.11	2	1.38	.01	.22	1	1
76+00E 93+25N	1	16	13	50	.1	18	6	438	1.60	6	5	ND	5	100	.3	2	2	34	.44	.051	39	23	.37	114	.09	4	1.00	.01	.22	1	1
76+00E 93+00N	1	11	8	41	.1	12	4	448	1.22	4	5	ND	2	77	.3	2	2	23	.31	.056	21	12	.20	119	.09	2	1.26	.02	.12	1	1
76+00E 92+75N	1	16	12	50	.1	13	5	424	1.45	8	5	ND	5	93	.3	2	2	30	.43	.100	36	14	.23	130	.09	3	1.26	.01	.17	1	5
76+00E 92+50N	1	14	14	51	.1	21	5	446	1.47	7	5	ND	3	75	.3	2	3	33	.38	.078	33	20	.26	120	.09	3	1.23	.01	.14	1	3
76+00E 92+25N	1	20	11	54	.1	16	6	471	1.73	6	5	ND	4	92	.2	2	2	43	.51	.096	46	19	.28	100	.10	2	1.01	.02	.14	1	70
76+00E 92+00N	1	18	7	45	.1	18	6	425	1.53	4	5	ND	5	78	.2	2	2	37	.35	.062	41	16	.30	92	.10	2	1.05	.02	.12	1	4
76+00E 91+75N	1	17	14	52	.1	15	6	519	1.42	6	5	ND	4	111	.2	2	2	32	.47	.060	37	14	.27	107	.09	2	.98	.02	.12	1	1
76+00E 91+50N	1	16	9	48	.1	14	5	431	1.39	5	5	ND	4	116	.2	2	2	31	.45	.084	34	15	.24	98	.09	3	.96	.02	.13	1	1
76+00E 91+25N	1	13	12	42	.1	38	6	387	1.76	3	5	ND	7	60	.2	2	2	40	.28	.048	39	27	.35	86	.11	4	1.10	.02	.15	1	1
76+00E 91+00N	1	13	10	39	.1	9	4	369	1.52	4	5	ND	7	72	.2	2	2	37	.34	.071	40	15	.23	79	.10	2	.78	.02	.12	1	2
77+00E 99+75N	1	20	2	36	.1	15	4	253	1.05	3	5	ND	1	1063	.2	4	2	27	5.42	.085	20	17	.45	78	.05	15	.54	.03	.07	1	1
77+00E 99+50N	1	12	4	41	.1	11	4	222	1.30	3	5	ND	4	71	.2	2	2	30	.29	.066	22	13	.20	101	.09	2	1.06	.02	.08	1	1
77+00E 99+25N	1	14	6	64	.1	9	4	461	1.36	6	5	ND	3	57	.3	2	2	35	.27	.176	12	11	.20	122	.13	3	1.54	.02	.06	1	2
77+00E 99+00N	1	11	10	42	.1	9	4	403	1.24	5	5	ND	4	58	.4	2	2	28	.25	.072	18	11	.18	136	.09	2	1.21	.02	.09	1	1
77+00E 98+75N	1	11	12	60	.1	8	4	498	1.22	8	5	ND	3	77	.2	2	2	26	.33	.079	18	11	.18	141	.09	2	1.17	.02	.09	1	5
77+00E 98+50N	1	9	4	41	.1	7	4	445	1.05	3	5	ND	3	68	.2	2	2	23	.27	.080	15	9	.15	124	.08	4	1.01	.01	.13	1	1
77+00E 98+25N	1	10	8	36	.1	8	3	435	1.19	4	5	ND	3	68	.2	2	2	27	.28	.081	18	11	.17	138	.09	2	1.13	.02	.09	1	1
STANDARD C/AU-S	18	58	43	131	6.8	68	30	1060	3.81	41	19	8	38	49	18.2	16	22	60	.49	.094	40	56	.89	174	.08	34	1.89	.06	.13	11	45

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	Au* ppb
77+00E 98+00N	1	13	13	45	.1	8	4	431	1.34	5	5	ND	4	83	.3	2	2	30	.37	.096	22	14	.20	134	.10	2	1.28	.02	.09	2	2
77+00E 97+75N	1	11	4	37	.1	8	4	478	1.06	5	5	ND	3	79	.2	2	2	23	.38	.100	17	10	.16	128	.08	2	1.08	.02	.10	1	3
77+00E 97+50N	1	10	6	42	.1	5	3	521	.94	3	5	ND	3	75	.2	2	2	21	.36	.076	13	8	.15	146	.08	3	.85	.02	.11	1	1
77+00E 97+25N	1	13	11	52	.1	9	4	530	1.21	5	5	ND	4	81	.2	2	2	26	.42	.091	21	12	.20	158	.09	2	1.15	.02	.13	1	3
77+00E 97+00N	1	13	15	46	.1	9	4	468	1.21	3	5	ND	3	70	.6	2	2	27	.37	.085	20	11	.19	135	.09	2	1.11	.02	.12	1	4
77+00E 96+75N	1	12	8	47	.1	7	4	461	1.16	5	5	ND	3	58	.2	2	2	26	.32	.086	16	11	.19	122	.09	2	1.04	.02	.09	1	2
77+00E 96+50N	1	12	12	45	.1	10	4	487	1.27	4	5	ND	3	74	.4	2	2	27	.42	.090	18	13	.22	147	.10	2	1.38	.02	.11	1	3
77+00E 96+25N	1	12	12	42	.1	9	4	527	1.22	5	5	ND	1	57	.3	2	2	26	.38	.070	15	12	.24	143	.11	2	1.39	.02	.08	1	4
77+00E 96+00N	1	22	20	93	.1	18	10	728	2.47	12	5	ND	2	75	.5	2	3	57	.66	.136	25	34	.78	171	.22	2	1.59	.02	.31	1	2
77+00E 95+75N	1	17	14	62	.1	12	6	528	1.88	5	5	ND	4	68	.6	2	2	44	.41	.084	35	20	.33	140	.14	2	1.79	.01	.12	1	1
77+00E 95+50N	1	23	17	96	.1	25	12	725	3.30	4	5	ND	4	54	.6	2	2	76	.62	.143	32	58	.99	165	.30	2	2.33	.02	.25	1	1
77+00E 95+25N	1	19	11	62	.1	13	6	483	1.95	5	5	ND	5	63	.5	2	2	44	.40	.089	39	21	.36	142	.14	2	1.70	.01	.17	1	3
77+00E 95+00N	1	17	15	57	.1	11	6	509	1.66	4	5	ND	3	69	.2	2	2	35	.43	.084	29	18	.29	167	.13	2	1.90	.02	.15	1	6
77+00E 94+75N	1	18	15	63	.1	13	6	569	1.86	4	5	ND	4	58	.4	2	3	41	.41	.093	33	22	.39	175	.15	2	1.79	.02	.19	1	4
77+00E 94+50N	1	16	14	54	.1	8	4	435	1.34	2	5	ND	1	98	.2	2	2	28	.53	.106	26	13	.23	146	.08	2	1.30	.02	.14	1	3
77+00E 94+25N	1	17	19	60	.1	10	5	445	1.22	9	5	ND	1	99	.2	2	2	26	.57	.100	24	12	.20	134	.08	4	1.33	.01	.12	1	1
77+00E 94+00N	1	17	10	57	.1	9	5	486	1.31	7	5	ND	1	99	.2	2	2	28	.57	.103	29	12	.22	142	.08	2	1.23	.01	.12	1	1
77+00E 93+75N	1	17	10	58	.1	9	5	423	1.20	3	5	ND	1	106	.2	2	2	24	.57	.115	24	10	.21	146	.07	5	1.30	.02	.13	1	1
77+00E 93+50N	1	20	12	56	.1	12	5	442	1.47	5	5	ND	2	103	.2	2	2	31	.52	.102	36	14	.25	127	.09	3	1.28	.02	.15	1	2
77+00E 93+25N	1	17	13	55	.1	11	5	437	1.28	4	5	ND	1	114	.4	2	2	29	.60	.099	29	14	.21	138	.08	2	1.16	.01	.12	1	2
77+00E 93+00N	1	18	10	47	.1	40	6	460	1.31	3	5	ND	1	115	.3	2	4	26	.61	.079	28	24	.35	146	.08	2	1.32	.02	.12	1	1
77+00E 92+75N	1	16	11	48	.1	108	10	459	1.43	5	5	ND	2	73	.3	2	2	26	.44	.081	22	61	.81	141	.09	4	1.40	.02	.11	1	3
77+00E 92+50N	1	12	12	40	.1	117	11	471	1.40	2	5	ND	1	58	.2	2	2	25	.37	.067	20	49	.84	152	.09	5	1.57	.02	.11	1	1
77+00E 92+25N	1	20	14	66	.1	27	8	571	2.05	2	5	ND	3	55	.2	2	2	44	.52	.103	33	32	.62	194	.14	3	1.72	.02	.22	1	4
77+00E 92+00N	1	17	13	52	.1	65	8	470	1.45	4	5	ND	1	73	.4	2	3	30	.45	.085	30	27	.56	141	.08	5	1.31	.02	.12	1	13
77+00E 91+75N	1	14	8	36	.1	113	10	440	1.25	4	5	ND	1	67	.2	2	2	23	.37	.064	22	34	.75	137	.08	6	1.28	.02	.09	1	1
77+00E 91+50N	1	13	7	39	.1	231	17	451	1.43	3	5	ND	2	94	.3	2	2	21	.42	.046	15	85	1.80	108	.07	5	.98	.01	.11	1	3
77+00E 91+25N	1	14	14	36	.1	579	32	470	2.27	9	5	ND	4	60	.3	9	4	31	.21	.048	24	193	4.94	95	.07	11	1.19	.01	.11	1	3
77+00E 91+00N	1	12	2	40	.1	36	5	482	1.22	8	5	ND	2	135	.3	2	2	25	.52	.111	21	22	.36	142	.08	5	1.09	.02	.13	1	3
78+00E 99+75N	1	12	4	41	.1	7	4	428	1.45	3	5	ND	5	67	.2	2	2	33	.27	.054	26	14	.20	93	.09	2	.78	.01	.12	1	1
78+00E 99+50N	1	11	13	49	.1	10	5	403	1.65	2	5	ND	4	73	.4	2	3	39	.28	.084	27	15	.22	101	.09	5	.97	.01	.11	1	3
78+00E 99+25N	1	16	3	52	.1	11	6	519	1.59	3	5	ND	5	107	.2	2	2	34	.43	.058	35	16	.33	115	.10	2	.93	.02	.16	1	2
78+00E 99+00N	1	12	2	38	.1	11	4	238	1.30	2	5	ND	3	519	.5	2	2	26	.97	.049	24	17	.56	74	.08	22	.81	.02	.17	1	2
78+00E 98+75N	1	8	8	42	.1	7	4	202	1.12	3	5	ND	3	79	.2	2	2	25	.21	.059	14	10	.16	76	.08	2	.72	.02	.07	1	5
78+00E 98+50N	1	12	7	63	.1	9	4	399	1.32	4	5	ND	3	75	.3	2	2	30	.32	.115	22	13	.20	115	.09	2	1.09	.01	.09	1	1
78+00E 98+25N	1	9	9	51	.1	8	4	397	1.10	2	5	ND	3	54	.5	2	2	25	.22	.103	15	11	.16	119	.08	4	.94	.02	.08	1	3
STANDARD C/AU-S	18	58	35	130	6.6	68	31	1051	3.80	38	17	8	37	48	19.1	14	23	58	.50	.096	39	56	.89	175	.08	34	1.90	.06	.14	11	51

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	Au* ppb
78+00E 98+00N	1	13	9	64	.1	8	4	427	1.45	3	5	ND	4	66	.2	2	3	31	.33	.127	20	16	.22	162	.11	2	1.34	.02	.11	1	2
78+00E 97+75N	1	10	9	65	.1	8	4	513	1.44	6	5	ND	3	59	.2	2	2	29	.31	.161	16	15	.21	155	.11	4	1.53	.03	.11	1	2
78+00E 97+50N	1	9	4	51	.1	7	4	399	1.27	5	5	ND	4	53	.2	2	2	29	.27	.085	18	16	.18	120	.10	5	1.10	.03	.11	2	3
78+00E 97+25N	1	36	10	224	.1	15	10	1759	2.77	4	5	ND	2	107	.2	2	3	60	.57	.268	23	46	.74	378	.22	4	1.70	.03	.15	1	3
78+00E 97+00N	1	10	3	54	.1	5	3	457	.95	2	5	ND	1	38	.2	2	2	25	.25	.067	6	13	.15	106	.09	2	.74	.03	.06	1	5
78+00E 96+75N	1	13	6	57	.1	7	4	573	1.33	6	5	ND	2	96	.2	2	2	27	.55	.111	20	14	.19	162	.11	2	1.45	.02	.12	1	2
78+00E 96+50N	1	11	11	50	.1	7	5	535	1.50	2	5	ND	4	81	.2	2	2	30	.46	.066	25	16	.23	162	.12	2	1.63	.02	.13	1	3
78+00E 96+25N	1	14	9	61	.1	8	4	565	1.47	6	5	ND	2	83	.2	2	2	30	.55	.103	23	16	.21	149	.11	3	1.52	.02	.10	1	2
78+00E 96+00N	1	14	15	65	.1	8	5	713	1.48	5	5	ND	3	95	.2	2	3	30	.52	.092	23	14	.22	152	.11	3	1.63	.02	.13	1	2
78+00E 95+75N	1	15	11	75	.1	10	4	533	1.34	6	5	ND	3	74	.2	2	2	29	.48	.098	22	17	.20	138	.10	3	1.37	.02	.11	1	1
78+00E 95+50N	1	13	11	45	.1	8	5	371	1.34	4	5	ND	4	69	.2	2	2	30	.37	.079	27	13	.21	112	.10	3	1.24	.02	.09	1	2
78+00E 95+25N	1	12	10	53	.1	6	4	487	1.36	5	5	ND	4	82	.2	2	2	28	.43	.106	21	15	.19	146	.11	3	1.46	.02	.15	1	1
78+00E 95+00N	1	13	8	49	.1	8	4	428	1.47	3	5	ND	3	58	.2	2	3	29	.31	.069	22	14	.20	128	.11	2	1.68	.03	.11	1	2
78+00E 94+75N	1	14	6	46	.1	9	4	505	1.39	3	5	ND	3	82	.2	2	2	28	.45	.087	22	15	.21	138	.11	2	1.50	.03	.11	1	3
78+00E 94+50N	1	14	16	51	.1	9	5	525	1.66	4	5	ND	3	97	.2	2	4	34	.55	.090	29	18	.23	165	.12	3	1.77	.02	.12	1	1
78+00E 94+25N	1	16	13	55	.1	10	5	478	1.52	2	5	ND	2	98	.2	2	2	30	.56	.109	26	17	.24	153	.10	2	1.50	.02	.16	1	1
78+00E 94+00N	1	17	11	58	.1	14	4	461	1.28	3	5	ND	1	105	.2	2	2	26	.63	.144	19	17	.23	155	.08	4	1.29	.02	.13	1	2
78+00E 93+75N	1	17	8	53	.1	13	5	522	1.23	5	5	ND	1	84	.2	2	2	24	.55	.117	20	15	.21	143	.08	3	1.08	.02	.13	1	1
78+00E 93+50N	1	18	12	49	.1	13	5	510	1.26	2	5	ND	1	97	.2	2	3	24	.60	.104	20	16	.23	143	.08	4	1.35	.02	.09	1	3
78+00E 93+25N	1	18	9	58	.1	25	5	477	1.25	3	5	ND	1	104	.2	2	2	25	.70	.108	21	23	.29	156	.08	5	1.42	.02	.17	1	1
78+00E 93+00N	1	18	10	60	.1	14	5	469	1.54	4	5	ND	2	89	.2	2	2	31	.59	.095	31	22	.28	159	.10	2	1.46	.02	.15	1	2
78+00E 92+75N	1	20	13	60	.1	12	5	508	1.49	5	5	ND	1	130	.2	2	3	30	.76	.128	28	19	.26	167	.08	2	1.51	.02	.13	1	2
78+00E 92+50N	1	19	16	63	.1	12	5	477	1.54	4	5	ND	2	110	.2	2	4	31	.69	.107	30	22	.30	167	.09	4	1.42	.02	.17	1	1
78+00E 92+25N	1	18	14	63	.1	12	5	472	1.45	4	5	ND	1	125	.2	2	3	29	.73	.130	25	16	.25	170	.08	3	1.56	.02	.14	1	1
78+00E 92+00N	1	18	14	59	.1	22	6	499	1.64	3	5	ND	1	118	.2	2	2	32	.64	.127	33	23	.28	187	.09	4	1.96	.02	.15	1	2
78+00E 91+75N	1	15	17	48	.1	29	6	453	1.79	2	5	ND	4	78	.2	2	4	35	.42	.094	34	26	.33	161	.13	2	1.94	.03	.15	1	1
78+00E 91+50N	1	14	13	39	.1	91	10	499	1.75	5	5	ND	4	68	.2	2	2	29	.37	.067	26	49	.75	142	.12	4	1.84	.03	.19	1	2
78+00E 91+25N	1	24	16	49	.1	61	7	405	1.64	9	5	ND	4	163	.2	2	4	33	.62	.082	27	34	.66	111	.11	10	1.58	.04	.16	1	1
78+00E 91+00N	1	11	12	35	.1	22	5	403	1.36	4	5	ND	3	76	.2	2	2	27	.38	.095	23	26	.30	129	.10	2	1.19	.02	.13	1	1
79+00E 100+00N	1	16	10	39	.1	9	6	367	1.66	2	5	ND	4	156	.2	2	2	31	.41	.030	24	19	.39	90	.11	2	1.39	.02	.16	1	1
79+00E 99+75N	1	11	7	45	.1	8	4	367	1.46	2	5	ND	3	81	.2	2	3	29	.27	.093	19	15	.25	115	.10	4	1.20	.03	.11	1	1
79+00E 99+25N	1	17	12	40	.1	8	5	371	1.49	4	5	ND	4	254	.2	2	4	28	.43	.061	24	17	.30	118	.10	2	1.24	.02	.19	1	1
79+00E 99+00N	1	14	12	50	.1	9	6	432	1.89	3	5	ND	4	119	.2	2	2	38	.38	.071	27	23	.36	141	.14	2	1.72	.02	.15	1	1
79+00E 98+75N	1	14	15	51	.1	10	6	442	1.85	2	5	ND	4	115	.2	2	4	39	.39	.069	25	22	.35	137	.14	2	1.64	.02	.15	1	2
79+00E 98+50N	1	20	18	99	.1	17	10	654	3.19	2	5	ND	3	93	.2	3	5	67	.59	.100	27	53	.80	251	.31	2	2.98	.03	.20	1	1
79+00E 98+25N	1	14	15	76	.1	15	8	524	2.55	2	5	ND	3	93	.2	3	3	54	.42	.061	21	39	.63	162	.22	4	2.10	.03	.22	1	1
STANDARD C/AU-S	17	57	44	129	7.1	68	30	1034	3.83	36	16	7	36	48	17.1	15	22	56	.50	.097	36	55	.90	175	.08	33	1.91	.06	.14	12	53

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	Au* ppb
79+00E 98+00N	1	11	16	38	.1	8	5	357	1.24	4	5	ND	2	90	.2	2	2	23	.24	.037	15	11	.22	89	.10	5	1.33	.02	.10	1	5
79+00E 97+75N	1	21	7	66	.1	10	2	207	.72	3	5	ND	1	1152	.5	3	2	17	3.81	.113	8	11	.49	98	.05	29	.50	.05	.10	1	4
79+00E 97+50N	1	13	11	46	.1	11	4	445	1.49	5	5	ND	4	133	.2	2	2	31	.46	.046	21	16	.27	130	.11	7	1.13	.02	.13	1	1
79+00E 97+25N	1	13	12	72	.1	12	5	588	1.52	5	5	ND	5	82	.2	2	2	31	.38	.096	28	14	.24	176	.11	7	1.54	.02	.15	1	3
79+00E 97+00N	1	12	8	61	.1	11	5	480	1.50	4	5	ND	4	69	.2	2	2	35	.31	.108	22	14	.21	151	.10	4	1.19	.02	.12	1	5
79+00E 96+75N	1	12	8	53	.1	9	4	354	1.20	3	5	ND	3	65	.3	2	2	26	.29	.112	18	11	.19	113	.10	6	1.27	.02	.12	1	3
79+00E 96+50N	1	11	14	71	.1	11	5	521	1.34	4	5	ND	4	83	.2	2	2	27	.39	.097	23	14	.23	161	.10	5	1.30	.02	.13	1	4
79+00E 96+25N	1	12	10	71	.1	9	4	533	1.15	7	5	ND	3	67	.2	2	2	22	.33	.075	22	11	.19	160	.09	5	1.30	.02	.14	1	4
79+00E 96+00N	1	11	11	64	.1	10	5	433	1.20	5	5	ND	3	67	.6	2	2	24	.26	.145	19	11	.20	166	.09	6	1.17	.02	.13	1	1
79+00E 95+75N	1	13	13	64	.1	11	5	441	1.37	6	5	ND	5	80	.2	2	2	29	.27	.101	21	15	.22	167	.11	5	1.44	.02	.14	1	3
79+00E 95+50N	1	11	16	71	.1	10	4	700	1.30	6	5	ND	3	96	.2	2	2	29	.47	.082	20	12	.21	173	.10	4	1.20	.02	.12	1	4
79+00E 95+25N	1	11	8	54	.1	11	4	514	1.19	5	5	ND	3	72	.2	2	2	24	.37	.117	15	11	.19	164	.10	9	1.36	.02	.12	1	1
79+00E 95+00N	1	12	13	66	.1	10	4	647	1.12	4	5	ND	2	85	.2	2	2	23	.36	.110	15	11	.18	194	.09	5	1.23	.02	.12	1	4
79+00E 94+75N	1	9	14	44	.1	24	5	402	1.20	4	5	ND	2	67	.2	2	2	26	.33	.080	15	18	.27	129	.09	4	1.14	.02	.11	1	4
79+00E 94+50N	1	11	8	46	.1	70	7	358	1.15	8	5	ND	3	58	.3	2	2	21	.25	.071	14	37	.43	130	.09	9	1.16	.02	.10	1	3
79+00E 94+25N	1	12	4	39	.1	32	5	425	1.08	8	5	ND	3	79	.4	2	2	21	.33	.098	13	20	.27	133	.09	2	1.22	.02	.10	1	1
79+00E 94+00N	1	16	12	70	.1	22	6	728	1.57	3	5	ND	2	70	.2	2	2	34	.38	.137	22	25	.39	167	.12	2	1.43	.02	.10	1	2
79+00E 93+75N	1	11	7	50	.1	19	4	501	1.17	3	5	ND	2	61	.2	2	2	26	.30	.131	13	21	.34	179	.10	3	1.09	.02	.10	1	1
79+00E 93+50N	1	22	12	100	.1	13	7	762	2.02	4	5	ND	1	95	.7	2	2	53	.95	.167	19	35	.59	150	.10	4	1.76	.02	.12	1	2
79+00E 93+25N	1	21	10	86	.1	13	8	721	2.06	3	5	ND	1	84	.7	2	2	50	.75	.142	18	34	.59	171	.10	2	1.82	.02	.13	1	1
79+00E 93+00N	1	17	19	69	.1	12	8	836	2.24	2	5	ND	1	62	.5	2	2	44	.44	.105	19	24	.41	167	.13	4	2.60	.02	.10	1	2
79+00E 92+75N	1	22	18	91	.1	250	21	1065	2.56	9	5	ND	2	62	1.0	2	2	39	.43	.129	18	60	.97	136	.11	10	2.09	.02	.13	1	1
79+00E 92+50N	1	12	9	43	.1	172	14	585	1.57	6	5	ND	1	73	.6	2	2	24	.45	.066	10	59	.72	103	.08	6	1.33	.02	.10	1	2
79+00E 92+25N	1	12	5	40	.1	22	5	335	1.16	3	5	ND	2	69	.2	2	2	23	.37	.110	13	15	.25	107	.09	2	1.26	.02	.10	1	1
79+00E 92+00N	1	12	10	55	.1	17	6	460	1.62	3	5	ND	2	55	.6	2	2	38	.37	.082	15	25	.42	127	.15	3	1.48	.02	.10	1	4
79+00E 91+75N	1	19	10	101	.1	26	8	663	2.32	6	5	ND	2	60	.3	2	2	64	.59	.143	18	45	.63	202	.20	3	1.67	.02	.19	1	5
79+00E 91+50N	1	18	6	68	.1	14	7	426	1.80	7	5	ND	1	53	.6	2	2	49	.52	.158	14	32	.57	109	.13	2	1.11	.02	.09	1	1
79+00E 91+25N	1	13	2	30	.1	26	4	244	.92	4	5	ND	1	58	.2	2	2	16	.59	.023	12	16	.23	80	.07	2	.96	.02	.12	1	2
79+00E 91+00N	1	14	10	38	.1	14	4	386	.99	5	5	ND	2	79	.2	2	2	18	.38	.189	10	15	.22	137	.09	3	1.26	.02	.11	1	2
80+00E 99+75N	1	17	12	84	.1	18	9	560	2.71	4	5	ND	4	90	.4	2	2	70	.48	.123	28	47	.63	178	.22	3	2.04	.02	.23	1	1
80+00E 99+50N	1	16	5	40	.1	10	6	415	1.43	2	5	ND	1	199	.5	2	2	32	.58	.074	19	22	.37	154	.13	2	1.39	.02	.15	1	1
80+00E 99+25N	1	18	6	74	.1	14	8	510	2.00	3	5	ND	3	99	.6	2	2	45	.52	.079	25	28	.52	169	.19	2	2.11	.02	.20	1	2
80+00E 99+00N	1	18	7	46	.1	9	6	474	1.44	5	5	ND	2	124	.2	2	2	31	.57	.094	29	13	.26	186	.11	5	1.64	.02	.24	1	1
80+00E 98+75N	1	19	18	72	.1	13	7	568	1.60	3	5	ND	2	159	.4	2	2	35	.70	.095	43	17	.33	131	.12	2	1.47	.02	.15	1	2
80+00E 98+50N	1	20	12	46	.1	11	5	440	1.54	4	5	ND	4	277	.6	2	2	34	.52	.065	31	15	.28	128	.11	2	1.41	.02	.16	1	1
80+00E 98+25N	1	17	13	58	.1	11	6	564	1.59	4	5	ND	5	113	.4	2	2	33	.51	.059	37	16	.28	159	.12	3	1.56	.02	.18	1	1
STANDARD C/AU-S	18	58	37	129	6.7	68	31	1051	3.71	39	18	7	37	48	18.8	16	19	58	.50	.095	38	53	.89	171	.08	33	1.85	.06	.14	12	46

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	Au* ppb
80+00E 98+00N	1	11	7	51	.1	8	5	440	1.61	3	5	ND	3	71	.2	2	2	34	.32	.054	24	17	.30	137	.14	2	1.54	.02	.13	1	2
80+00E 97+75N	1	12	8	46	.1	9	4	572	1.43	4	5	ND	3	143	.3	2	2	27	.43	.067	22	14	.24	167	.11	4	1.41	.02	.17	1	3
80+00E 97+50N	1	11	4	46	.1	7	4	487	1.33	2	5	ND	3	105	.2	2	2	25	.26	.060	16	13	.21	132	.10	2	1.42	.02	.13	1	4
80+00E 97+25N	1	11	11	41	.1	8	4	387	1.38	2	5	ND	3	208	.3	2	2	25	.33	.044	23	13	.26	94	.09	3	1.27	.03	.12	1	1
80+00E 97+00N	1	15	9	35	.1	15	4	263	.98	3	5	ND	2	469	.3	2	2	17	.87	.044	20	13	.38	83	.06	9	.86	.05	.14	1	3
80+00E 96+75N	1	57	6	41	.1	84	3	105	.87	2	5	ND	1	850	.3	2	2	19	2.48	.079	16	22	.68	93	.05	17	.82	.04	.09	1	1
80+00E 96+50N	1	50	12	46	.1	93	4	120	.97	3	5	ND	1	468	.3	2	2	17	.93	.061	16	25	.93	101	.06	16	.98	.05	.11	1	2
80+00E 96+25N	1	34	9	47	.1	13	3	276	1.01	5	5	ND	2	414	.3	2	2	18	1.38	.040	21	14	.63	111	.07	30	.96	.05	.12	1	3
80+00E 96+00N	1	11	10	46	.1	14	4	377	1.44	3	5	ND	4	107	.2	2	2	26	.35	.045	22	16	.31	101	.10	12	1.20	.02	.18	1	3
80+00E 95+75N	1	13	8	63	.1	14	4	388	1.40	5	5	ND	4	112	.2	2	2	24	.33	.083	21	15	.30	147	.10	6	1.45	.02	.13	1	4
80+00E 95+50N	1	11	11	45	.1	16	4	340	1.43	4	5	ND	4	69	.2	2	2	26	.25	.054	29	16	.28	104	.09	4	1.12	.02	.12	1	2
80+00E 95+25N	1	9	8	40	.1	19	4	365	1.26	4	5	ND	2	74	.3	2	2	24	.28	.080	17	16	.26	113	.09	5	1.21	.02	.11	1	2
80+00E 95+00N	1	10	10	41	.1	25	5	439	1.30	5	5	ND	3	88	.4	2	2	26	.32	.096	18	19	.30	130	.09	9	1.14	.02	.12	1	1
80+00E 94+75N	1	10	9	49	.1	33	5	356	1.35	6	5	ND	3	91	.3	2	2	26	.35	.067	21	23	.39	121	.09	8	1.13	.02	.13	1	6
80+00E 94+50N	1	12	3	47	.1	22	5	372	1.36	6	5	ND	4	79	.2	2	2	26	.28	.126	19	18	.29	128	.10	11	1.30	.02	.11	1	7
80+00E 94+25N	1	12	7	46	.1	15	4	267	1.51	3	5	ND	5	87	.4	2	2	26	.33	.039	26	18	.46	101	.11	11	1.34	.02	.16	1	1
80+00E 94+00N	1	8	6	41	.1	13	4	351	1.15	6	5	ND	3	54	.2	2	2	20	.24	.045	13	13	.20	113	.09	10	1.21	.02	.11	1	2
80+00E 93+75N	1	9	6	40	.1	12	3	423	.94	4	5	ND	2	66	.6	2	2	20	.27	.133	10	11	.16	134	.08	5	.96	.02	.08	1	1
80+00E 93+50N	1	8	10	31	.1	18	3	253	.91	3	5	ND	2	48	.2	2	2	18	.20	.056	11	15	.19	95	.07	3	.86	.02	.08	1	3
80+00E 93+25N	1	9	7	51	.1	18	3	428	1.04	2	5	ND	2	53	.2	2	2	21	.24	.114	11	14	.19	147	.08	3	1.02	.02	.07	1	3
80+00E 93+00N	1	10	9	42	.1	19	5	379	1.25	2	5	ND	3	63	.5	2	2	23	.26	.109	15	15	.23	141	.10	5	1.45	.02	.10	1	1
80+00E 92+75N	1	10	12	40	.1	26	5	444	1.34	3	5	ND	3	89	.3	2	2	24	.33	.099	18	21	.29	158	.09	5	1.13	.02	.13	1	1
80+00E 92+50N	1	11	6	47	.1	21	4	481	1.11	6	5	ND	2	94	.2	2	2	20	.35	.177	15	15	.21	178	.08	8	1.14	.02	.11	1	3
80+00E 92+25N	1	11	8	50	.1	21	5	486	1.14	3	5	ND	3	71	.2	2	3	22	.29	.116	15	17	.22	164	.09	3	1.19	.02	.09	1	3
80+00E 92+00N	1	12	12	45	.1	53	7	419	1.35	4	5	ND	3	61	.2	2	2	26	.30	.117	14	27	.40	148	.10	5	1.39	.02	.09	1	3
80+00E 91+75N	1	9	7	31	.1	114	11	465	1.35	5	5	ND	2	51	.2	2	2	23	.31	.055	15	45	.68	129	.09	3	1.14	.02	.09	1	1
80+00E 91+50N	1	14	3	31	.1	1057	48	474	2.55	11	5	ND	4	20	.2	5	2	22	.11	.027	25	237	12.82	41	.04	49	.65	.01	.04	1	2
80+00E 91+25N	1	13	26	78	.3	41	7	599	1.80	15	5	ND	3	48	.5	2	2	28	.38	.030	21	21	.36	183	.12	8	2.12	.02	.08	1	1
80+00E 91+00N	1	13	8	61	.1	22	7	853	2.14	8	5	ND	2	33	.3	2	2	27	.43	.064	21	13	.23	149	.07	8	1.32	.02	.12	1	1
81+00E 99+75N	1	18	11	56	.1	9	5	494	1.36	7	5	ND	1	115	.4	2	2	27	.56	.095	28	12	.23	163	.10	4	1.59	.02	.13	1	2
81+00E 99+50N	1	16	6	49	.2	7	5	466	1.30	4	5	ND	1	87	.2	2	2	26	.46	.091	20	13	.22	169	.10	6	1.43	.02	.13	1	1
81+00E 99+25N	1	20	11	65	.1	13	7	531	1.94	4	5	ND	3	78	.5	2	2	40	.54	.107	27	28	.45	235	.18	3	1.92	.02	.19	1	1
81+00E 99+00N	1	20	14	72	.1	15	9	573	2.40	3	5	ND	4	76	.2	2	2	51	.53	.113	50	35	.61	198	.19	4	2.30	.02	.20	1	1
81+00E 98+75N	1	20	13	84	.1	16	9	562	2.53	2	5	ND	3	88	.2	2	2	55	.63	.137	31	40	.70	290	.22	2	2.41	.03	.23	1	1
81+00E 98+50N	1	20	8	66	.1	12	7	549	2.13	4	5	ND	5	82	.2	2	2	43	.43	.083	39	23	.40	184	.16	3	2.19	.02	.18	1	2
81+00E 98+25N	1	21	15	70	.2	8	5	729	1.58	4	5	ND	2	140	.7	2	2	31	.65	.087	34	13	.28	163	.11	7	1.73	.02	.16	1	2
STANDARD C/AU-S	17	57	35	129	6.5	67	30	1049	3.82	35	18	7	37	47	17.7	15	23	57	.50	.093	38	52	.88	175	.08	35	1.88	.06	.14	12	50

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	Au* ppb
81+00E 98+00N	1	14	19	56	.1	5	6	666	1.52	4	5	ND	1	120	.2	2	2	28	.51	.053	37	10	.23	122	.11	3	1.65	.02	.13	1	2
81+00E 97+75N	1	14	9	42	.1	7	5	350	1.65	4	5	ND	5	187	.3	2	2	30	.39	.043	30	14	.27	113	.11	5	1.38	.02	.15	2	2
81+00E 97+50N	1	8	9	50	.1	5	4	493	1.31	5	5	ND	4	159	.2	2	2	23	.37	.084	20	9	.21	130	.10	8	1.44	.02	.13	1	1
81+00E 97+25N	1	14	10	63	.1	8	6	426	1.68	4	5	ND	5	115	.2	2	2	30	.43	.095	34	13	.27	146	.11	6	1.63	.02	.17	1	2
81+00E 97+00N	1	9	11	62	.1	11	6	494	1.79	7	5	ND	5	98	.2	3	2	30	.28	.057	29	16	.29	138	.12	4	1.86	.02	.12	1	1
81+00E 96+75N	1	14	4	55	.1	8	4	343	1.34	5	5	ND	1	931	.2	2	2	26	1.52	.070	23	13	.82	109	.08	26	1.17	.04	.15	1	3
81+00E 96+50N	1	12	9	48	.1	19	6	370	1.58	2	5	ND	3	373	.2	2	2	29	.76	.060	32	22	.39	85	.09	8	.97	.03	.15	1	4
81+00E 96+25N	1	20	4	30	.1	45	3	139	.83	5	5	ND	1	1115	.2	2	2	18	4.56	.089	18	17	.43	87	.05	12	.63	.05	.10	1	3
81+00E 96+00N	1	15	4	29	.1	41	5	164	1.38	6	5	ND	2	221	.2	2	2	24	.81	.025	21	22	.37	73	.08	9	1.05	.05	.10	1	2
81+00E 95+75N	1	11	5	44	.2	34	5	325	1.39	7	5	ND	3	160	.2	3	2	23	.35	.039	19	20	.53	83	.09	18	1.29	.04	.13	1	2
81+00E 95+50N	1	10	6	40	.1	32	6	290	1.46	8	5	ND	3	92	.2	2	2	25	.26	.069	17	22	.35	102	.10	8	1.37	.02	.11	1	39
81+00E 95+25N	1	11	8	42	.1	21	5	508	1.25	7	5	ND	3	108	.2	2	2	21	.35	.125	17	17	.30	139	.09	4	1.41	.02	.12	1	1
81+00E 95+00N	1	11	6	45	.1	28	6	403	1.64	7	5	ND	4	92	.2	2	2	31	.32	.089	21	30	.42	124	.11	8	1.34	.02	.14	1	1
81+00E 94+75N	1	11	8	44	.1	12	5	360	1.53	5	5	ND	3	86	.2	2	2	24	.32	.086	18	15	.35	126	.11	6	1.62	.02	.15	1	1
81+00E 94+50N	1	11	8	46	.3	15	5	399	1.54	7	5	ND	5	82	.2	4	3	25	.36	.065	24	18	.38	131	.11	6	1.34	.02	.16	2	3
81+00E 94+25N	1	12	8	47	.1	14	5	363	1.46	7	5	ND	5	84	.2	3	2	22	.36	.064	22	14	.32	133	.11	4	1.60	.02	.17	2	1
81+00E 94+00N	1	14	6	59	.2	16	5	455	1.35	7	5	ND	4	97	.3	3	2	24	.41	.149	19	15	.25	167	.10	8	1.35	.02	.13	1	2
81+00E 93+75N	1	15	7	50	.1	18	5	528	1.39	8	5	ND	4	105	.2	2	2	24	.40	.163	23	16	.28	170	.09	10	1.27	.02	.11	1	1
81+00E 93+50N	1	15	6	44	.3	14	5	418	1.28	8	6	ND	4	78	.2	2	2	23	.35	.102	17	14	.26	138	.09	6	1.22	.02	.12	2	2
81+00E 93+25N	1	16	10	54	.1	14	4	447	1.42	5	5	ND	4	79	.2	2	2	25	.33	.138	18	14	.24	170	.10	3	1.55	.02	.12	1	2
81+00E 93+00N	1	13	10	41	.1	20	5	395	1.57	6	5	ND	4	75	.2	2	2	29	.35	.097	23	16	.30	133	.11	3	1.57	.02	.12	1	1
81+00E 92+75N	1	11	7	37	.1	16	4	451	1.28	4	5	ND	3	72	.2	2	2	24	.36	.101	16	14	.23	130	.09	2	1.23	.02	.10	1	2
81+00E 92+50N	1	17	10	49	.1	24	6	500	1.56	8	5	ND	5	73	.2	2	2	28	.34	.157	22	18	.27	156	.11	4	1.56	.02	.09	1	2
81+00E 92+25N	1	14	11	52	.1	28	7	633	1.61	9	5	ND	3	66	.2	2	4	28	.37	.149	22	19	.31	190	.11	2	1.52	.02	.12	1	6
81+00E 92+00N	1	8	2	35	.1	5	2	351	.67	6	5	ND	2	18	.2	2	2	18	.18	.043	2	9	.07	61	.06	2	.35	.03	.04	1	2
81+00E 91+75N	1	20	20	95	.1	14	6	749	1.73	20	5	ND	2	43	.5	2	2	24	.43	.050	9	10	.20	178	.10	3	1.77	.03	.10	1	4
81+00E 91+50N	1	24	25	153	.2	6	6	1247	1.33	13	5	ND	1	66	1.1	2	3	18	.83	.104	6	6	.15	207	.06	2	.95	.03	.08	1	19
81+00E 91+25N	1	15	11	65	.1	10	6	1136	2.17	9	5	ND	3	35	.3	2	6	27	.56	.076	9	10	.23	167	.08	2	1.33	.03	.08	1	5
81+00E 91+00N	1	13	19	85	1.0	19	8	916	2.41	21	5	ND	3	36	.2	2	2	29	.47	.043	17	14	.43	165	.07	2	1.39	.02	.12	1	8
82+00E 99+75N	1	21	7	48	.1	8	6	450	1.40	16	5	ND	2	727	.5	3	2	24	1.04	.057	27	13	.37	92	.08	6	1.54	.04	.10	1	2
82+00E 99+50N	1	17	8	59	.1	11	7	340	1.72	8	5	ND	5	390	.2	2	2	31	.75	.099	37	17	.45	86	.10	5	1.39	.04	.24	1	2
82+00E 99+25N	1	23	7	40	.1	7	4	292	1.28	5	5	ND	3	685	.2	2	4	22	1.01	.045	25	12	.36	83	.09	2	1.44	.06	.10	1	1
82+00E 99+00N	1	21	10	43	.1	9	5	360	1.37	9	5	ND	3	598	.2	2	2	24	.86	.057	23	14	.31	87	.09	3	1.44	.04	.12	1	2
82+00E 98+75N	1	20	5	69	.1	9	5	398	1.40	7	5	ND	2	445	.2	2	4	24	.78	.073	25	13	.29	101	.09	8	1.50	.03	.26	1	2
82+00E 98+50N	1	18	12	59	.1	10	6	462	1.67	5	5	ND	4	355	.3	2	2	30	.75	.086	33	16	.33	123	.10	4	1.43	.03	.23	1	1
82+00E 98+25N	1	23	18	58	.1	14	7	539	2.04	9	5	ND	7	97	.2	2	3	39	.44	.078	46	20	.33	138	.14	2	1.95	.02	.18	1	1
STANDARD C/AU-S	18	57	38	132	6.6	67	31	1050	4.05	42	16	6	39	48	18.4	15	17	59	.51	.094	38	52	.94	175	.08	38	1.96	.06	.13	12	49

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	Au* ppb
82+00E 98+00N	1	17	17	67	.1	10	7	610	1.59	6	5	ND	2	87	.2	2	2	31	.37	.083	34	12	.22	126	.11	2	1.68	.03	.11	1	1
82+00E 97+75N	1	13	14	54	.1	8	5	440	1.43	5	5	ND	3	119	.2	2	2	26	.31	.060	30	13	.23	100	.09	2	1.40	.02	.11	1	3
82+00E 97+50N	1	18	10	49	.1	15	4	214	1.20	6	5	ND	3	295	.3	2	4	25	.45	.048	25	15	.38	85	.08	5	1.20	.03	.09	1	1
82+00E 97+25N	1	16	9	59	.1	10	5	471	1.52	6	5	ND	4	149	.2	2	2	30	.41	.099	29	13	.28	138	.10	5	1.32	.02	.12	1	8
82+00E 97+00N	1	16	14	57	.1	11	5	504	1.56	3	5	ND	3	161	.2	2	2	30	.41	.084	31	15	.32	148	.10	5	1.48	.02	.14	1	2
82+00E 96+75N	1	18	9	63	.1	12	5	560	1.62	11	5	ND	4	143	.2	2	2	30	.45	.163	28	14	.25	162	.11	4	1.61	.02	.13	1	3
82+00E 96+50N	1	14	10	50	.1	12	5	415	1.39	5	5	ND	3	83	.4	2	2	26	.29	.107	26	14	.23	132	.10	3	1.38	.02	.10	1	3
82+00E 96+25N	1	13	11	45	.1	24	6	376	1.71	2	5	ND	5	92	.2	2	2	32	.40	.044	37	20	.31	119	.11	5	1.27	.02	.17	1	3
82+00E 96+00N	1	14	9	57	.1	67	7	535	1.58	3	5	ND	4	96	.2	2	2	25	.38	.052	28	28	.29	128	.10	8	1.43	.02	.17	1	2
82+00E 95+75N	1	11	8	40	.1	48	6	475	1.45	3	5	ND	4	58	.3	2	2	24	.29	.039	24	25	.26	119	.09	2	1.19	.01	.15	1	5
82+00E 95+50N	1	14	5	44	.1	21	4	362	1.22	3	5	ND	2	260	.2	2	2	21	1.09	.056	22	25	1.27	123	.07	18	1.07	.03	.24	1	4
82+00E 95+25N	1	11	6	48	.1	24	5	503	1.51	6	5	ND	3	80	.2	2	2	30	.36	.078	19	21	.30	130	.10	5	1.24	.02	.11	1	4
82+00E 95+00N	1	15	9	52	.1	18	4	532	1.22	6	5	ND	1	87	.4	2	2	22	.36	.123	17	16	.24	156	.09	3	1.26	.02	.11	1	1
82+00E 94+75N	1	18	15	69	.1	20	8	534	2.00	4	5	ND	6	85	.2	2	2	38	.37	.049	42	27	.43	143	.12	3	1.42	.02	.23	1	8
82+00E 94+50N	1	13	8	55	.1	24	5	545	1.29	2	5	ND	2	113	.2	2	2	24	.38	.131	16	17	.25	156	.09	3	1.24	.02	.11	1	5
82+00E 94+25N	1	15	9	62	.1	17	5	524	1.44	6	5	ND	2	88	.2	2	2	29	.39	.113	21	18	.25	151	.10	4	1.40	.02	.11	1	3
82+00E 94+00N	1	18	10	51	.1	17	6	494	1.52	6	5	ND	2	112	.4	2	2	29	.54	.145	27	18	.27	149	.10	3	1.42	.02	.11	1	2
82+00E 93+75N	1	18	13	64	.1	13	5	524	1.34	2	5	ND	1	125	.2	2	2	26	.54	.118	23	14	.24	163	.09	5	1.34	.02	.12	1	1
82+00E 93+50N	1	18	5	49	.1	13	5	479	1.39	8	5	ND	2	115	.2	2	3	27	.42	.115	20	15	.26	160	.11	3	1.58	.02	.12	1	4
82+00E 93+25N	1	17	15	59	.1	16	5	476	1.44	2	5	ND	2	112	.2	2	2	27	.38	.129	20	16	.28	183	.10	3	1.47	.02	.12	1	5
82+00E 93+00N	1	15	9	45	.1	10	3	396	1.05	4	5	ND	1	90	.2	2	2	21	.48	.102	15	11	.19	139	.08	2	1.01	.02	.09	1	3
82+00E 92+75N	1	16	11	69	.1	14	4	562	1.52	3	5	ND	3	99	.2	2	2	29	.59	.116	25	17	.26	192	.10	3	1.36	.02	.14	1	3
82+00E 92+50N	1	14	10	59	.1	14	4	485	1.36	4	5	ND	1	79	.2	2	2	26	.50	.103	21	15	.22	165	.09	4	1.48	.02	.11	1	4
82+00E 92+25N	1	14	6	50	.1	23	6	511	1.50	4	5	ND	2	77	.2	2	2	27	.49	.100	20	17	.27	168	.11	2	1.69	.02	.10	1	4
82+00E 92+00N	1	15	12	50	.1	42	7	486	1.70	2	5	ND	2	80	.2	2	2	32	.57	.116	29	27	.38	158	.10	2	1.45	.02	.12	1	2
82+00E 91+75N	1	15	18	76	.1	42	7	644	1.46	2	5	ND	2	66	.2	2	2	25	.49	.085	19	25	.34	158	.08	2	1.03	.02	.13	1	3
82+00E 91+50N	1	23	77	215	1.4	35	8	1034	2.17	26	5	ND	2	53	.9	2	2	26	.61	.058	23	25	.44	155	.07	3	1.11	.02	.12	1	15
82+00E 91+25N	1	15	33	97	.4	33	8	680	2.07	13	5	ND	2	49	.3	2	2	25	.39	.054	16	24	.36	164	.09	3	1.52	.02	.14	1	10
82+00E 91+00N	1	9	8	41	.1	86	10	456	1.22	2	5	ND	1	49	.2	2	2	19	.29	.099	11	57	.52	142	.07	2	1.13	.02	.09	1	3
83+00E 100+00N	1	22	21	67	.1	20	8	516	2.17	2	5	ND	4	135	.2	2	2	43	.69	.169	74	26	.57	115	.16	2	1.97	.02	.12	1	1
83+00E 99+75N	1	25	15	64	.1	14	7	540	2.03	5	5	ND	4	482	.2	2	2	41	1.03	.123	53	21	.49	93	.12	5	1.49	.03	.25	1	4
83+00E 99+50N	1	22	17	65	.1	9	6	500	1.74	4	5	ND	4	373	.4	2	2	34	.68	.096	43	15	.32	128	.10	4	1.45	.02	.22	1	2
83+00E 99+25N	1	18	16	62	.1	9	6	563	1.96	5	5	ND	5	120	.2	2	2	36	.46	.064	46	18	.32	174	.15	2	2.25	.02	.18	1	1
83+00E 99+00N	1	18	19	72	.1	10	6	641	2.01	4	5	ND	4	86	.2	2	2	41	.37	.083	41	18	.30	161	.15	2	2.35	.02	.12	1	2
83+00E 98+75N	1	43	39	106	.1	16	14	1419	2.78	6	5	ND	7	288	.2	2	2	55	1.31	.208	115	31	.86	111	.09	2	2.24	.04	.17	1	1
83+00E 98+50N	1	29	26	100	.2	8	7	529	1.89	2	5	ND	11	200	.2	2	2	30	.77	.141	76	17	.46	133	.06	3	1.70	.02	.33	1	1
STANDARD C/AU-S	18	57	40	129	7.2	68	30	1053	3.93	36	20	7	36	47	18.4	15	21	57	.49	.090	37	52	.88	174	.08	32	1.90	.06	.14	11	50

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	Au* ppb
83+00E 98+25N	1	22	14	62	.1	12	7	527	1.60	6	5	ND	6	174	.2	2	2	27	.63	.105	57	15	.36	161	.08	2	1.60	.02	.23	1	1
83+00E 98+00N	1	19	13	51	.1	13	5	425	1.53	7	5	ND	6	291	.2	2	2	29	.50	.070	37	14	.32	138	.10	5	1.51	.02	.20	2	2
83+00E 97+75N	1	15	9	61	.1	21	6	500	1.32	7	5	ND	3	352	.3	2	3	25	.70	.080	30	16	.42	129	.08	4	1.38	.02	.12	1	4
83+00E 97+50N	1	14	6	49	.1	43	5	498	1.11	3	5	ND	3	221	.2	2	2	19	.54	.113	18	22	.34	163	.07	6	1.09	.02	.13	1	6
83+00E 97+25N	1	20	10	52	.1	60	9	400	2.19	6	5	ND	6	97	.2	2	2	44	.44	.110	53	39	.42	186	.14	2	2.13	.02	.14	1	8
83+00E 97+00N	1	18	13	57	.1	103	11	423	2.14	4	5	ND	6	79	.2	2	2	38	.36	.077	39	44	.45	187	.14	2	2.25	.02	.11	1	6
83+00E 96+75N	1	13	2	47	.1	376	21	588	1.96	6	5	ND	1	76	.3	2	2	22	.48	.072	11	83	.44	97	.07	7	.99	.02	.14	1	8
83+00E 96+50N	1	10	6	32	.1	18	4	235	1.05	2	5	ND	2	475	.2	3	2	20	.83	.044	22	18	.53	78	.06	4	.85	.03	.10	1	1
83+00E 96+25N	1	36	4	44	.1	79	2	178	.48	4	5	ND	1	1767	.4	2	2	15	12.38	.114	9	12	.39	87	.03	10	.40	.04	.06	1	4
83+00E 96+00N	1	12	9	43	.1	43	6	395	1.67	6	5	ND	5	78	.2	2	2	37	.48	.078	32	35	.40	99	.10	2	.95	.02	.07	1	52
83+00E 95+75N	1	11	10	43	.1	115	11	513	1.81	3	5	ND	3	51	.2	2	2	29	.27	.062	20	52	.39	146	.11	2	1.81	.02	.08	1	11
83+00E 95+50N	1	9	8	32	.1	72	8	494	1.33	5	5	ND	2	40	.2	2	2	24	.26	.048	11	33	.32	118	.08	2	.94	.02	.07	1	5
83+00E 95+25N	1	19	12	49	.1	134	13	493	2.08	6	5	ND	6	74	.2	2	3	33	.48	.102	41	68	1.14	102	.09	8	1.11	.02	.14	1	7
83+00E 95+00N	1	19	8	59	.1	50	8	501	1.70	5	5	ND	4	88	.2	2	2	32	.49	.092	37	34	.41	149	.11	2	1.41	.02	.16	1	6
83+00E 94+75N	1	15	8	45	.1	18	5	478	1.27	6	5	ND	1	109	.2	2	2	24	.60	.104	21	15	.23	171	.08	4	1.30	.01	.12	2	3
83+00E 94+50N	1	16	6	37	.1	20	5	486	1.37	5	5	ND	1	118	.3	2	2	25	.43	.084	20	19	.36	161	.09	5	1.37	.02	.14	1	1
83+00E 94+25N	1	14	10	40	.1	113	11	438	1.36	4	5	ND	2	123	.4	2	2	25	.41	.063	20	46	.92	117	.08	5	1.24	.03	.12	1	6
83+00E 94+00N	1	14	10	34	.1	24	5	456	1.31	4	5	ND	3	80	.2	2	2	26	.32	.101	20	22	.27	143	.10	3	1.45	.02	.08	1	4
83+00E 93+75N	1	15	11	44	.1	28	6	518	1.61	10	5	ND	2	58	.2	2	2	30	.33	.073	23	19	.28	169	.12	2	2.04	.02	.08	1	6
83+00E 93+50N	1	15	9	31	.1	16	5	407	1.47	5	5	ND	2	68	.5	2	2	30	.41	.069	27	17	.25	148	.10	2	1.44	.02	.09	1	3
83+00E 93+25N	1	15	8	50	.1	11	4	554	1.18	3	5	ND	1	79	.2	2	2	23	.51	.119	14	12	.20	181	.09	2	1.37	.02	.07	1	3
83+00E 93+00N	1	15	14	51	.1	16	5	659	1.58	7	5	ND	3	61	.2	2	2	30	.56	.072	25	16	.25	184	.10	3	1.59	.01	.14	1	2
83+00E 92+75N	1	18	11	48	.1	13	5	485	1.30	5	5	ND	1	101	.2	2	2	26	.63	.101	24	14	.24	177	.08	2	1.50	.02	.12	1	12
83+00E 92+50N	1	17	15	50	.1	15	5	510	1.58	4	5	ND	1	96	.2	2	2	32	.58	.095	32	19	.27	168	.10	3	1.66	.02	.14	1	3
83+00E 92+25N	1	19	14	68	.1	13	4	764	1.39	14	5	ND	1	75	.3	2	2	24	.54	.147	14	12	.20	167	.08	2	1.39	.02	.09	1	5
83+00E 92+00N	1	15	4	37	.1	22	5	422	1.34	2	5	ND	3	119	.3	2	2	25	.54	.043	23	20	.51	115	.09	2	1.15	.03	.13	1	5
83+00E 91+75N	1	16	10	51	.1	22	4	326	1.08	5	5	ND	1	454	.2	2	3	21	1.92	.071	17	21	1.37	127	.06	31	.96	.04	.13	1	1
83+00E 91+50N	1	9	8	39	.1	22	5	148	1.21	2	5	ND	2	71	.2	2	2	18	.31	.027	13	19	.34	65	.08	5	1.25	.02	.11	1	4
83+00E 91+25N	1	10	8	35	.1	19	5	316	1.28	2	5	ND	3	72	.2	2	2	24	.41	.038	18	18	.26	101	.09	2	1.07	.02	.11	1	1
83+00E 91+00N	1	11	8	45	.1	17	5	476	1.37	5	5	ND	3	49	.5	2	2	27	.27	.111	18	16	.23	136	.10	2	1.34	.02	.08	1	4
STANDARD C/AU-S	17	57	38	129	7.2	67	30	1061	3.77	38	17	7	37	47	17.9	15	21	57	.49	.100	38	55	.88	175	.08	32	1.90	.06	.14	11	48

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Minnova Inc. PROJECT 661 File # 90-1314 Page 1

3rd floor-311 water St., Vancouver B.C V6B 1B8 Submitted by: LINDA LEE

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	Au* ppb
84+00E 100+00N	1	23	9	63	.2	10	11	462	2.66	3	5	ND	2	243	.7	2	2	51	.89	.154	40	21	.83	118	.13	3	1.38	.02	.23	1	6
84+00E 99+75N	1	21	16	56	.2	9	9	456	2.41	2	5	ND	2	305	.5	2	2	46	.76	.131	41	19	.67	135	.14	2	1.71	.02	.20	1	3
84+00E 99+50N	1	26	16	63	.2	11	8	667	1.89	4	5	ND	3	200	.4	2	2	38	.74	.149	59	17	.46	97	.12	3	1.78	.03	.14	1	2
84+00E 99+25N	1	21	7	49	.2	8	5	452	1.39	6	5	ND	1	255	.3	2	2	27	.71	.110	32	13	.29	153	.08	4	1.53	.02	.16	1	3
84+00E 99+00N	1	25	31	65	.1	14	8	606	2.01	5	5	ND	7	103	.3	2	2	42	.48	.119	56	19	.35	122	.14	2	2.11	.03	.17	1	3
84+00E 98+75N	1	25	21	76	.2	14	8	500	1.79	2	6	ND	3	211	.4	2	2	33	.70	.129	57	19	.45	170	.12	3	1.71	.02	.24	2	1
84+00E 98+50N	1	24	18	63	.2	10	6	404	1.64	3	5	ND	3	301	.6	2	2	30	.59	.098	41	14	.35	137	.09	3	1.47	.02	.18	1	4
84+00E 98+25N	1	21	22	75	.2	12	8	572	1.92	4	5	ND	3	267	.9	2	2	40	.74	.120	42	18	.51	137	.11	5	1.53	.02	.23	1	2
84+00E 98+00N	1	23	18	67	.2	20	7	604	1.64	6	5	ND	2	232	.6	2	2	30	.65	.103	30	22	.40	169	.09	8	1.38	.02	.21	1	3
84+00E 97+75N	1	21	13	79	.2	89	12	666	1.64	4	5	ND	2	175	.5	2	2	27	.78	.184	23	46	.36	224	.09	6	1.67	.01	.17	1	1
84+00E 97+50N	1	15	12	49	.1	21	7	540	1.56	2	5	ND	3	89	.4	3	2	30	.36	.074	29	18	.27	166	.10	2	1.59	.01	.13	1	2
84+00E 97+25N	1	24	3	66	.2	10	4	453	1.09	6	5	ND	1	537	.7	3	2	19	.91	.074	17	18	1.13	137	.07	9	1.12	.07	.16	1	1
84+00E 97+00N	1	13	5	46	.1	29	7	486	1.74	2	5	ND	3	110	.3	2	2	31	.32	.068	21	22	.36	153	.11	3	1.74	.02	.14	1	2
84+00E 96+75N	1	16	7	52	.1	244	22	660	1.46	5	5	ND	1	69	.2	3	2	20	.41	.094	4	42	.38	112	.06	2	.50	.02	.06	1	2
84+00E 96+50N	1	18	8	49	.1	263	19	1045	2.54	5	5	ND	1	91	.5	2	3	26	.59	.073	11	86	.84	181	.06	3	1.52	.02	.14	1	4
84+00E 96+25N	1	20	6	45	.1	127	11	429	1.84	2	5	ND	2	498	.2	2	2	28	1.83	.053	22	51	.61	120	.08	7	1.38	.03	.17	1	1
84+00E 96+00N	1	15	17	44	.1	123	12	507	1.91	5	5	ND	3	247	.7	2	2	31	.74	.053	29	61	.62	129	.09	6	1.38	.02	.16	1	2
84+00E 95+75N	1	17	3	45	.2	193	17	630	1.97	8	5	ND	2	90	.3	2	2	29	.52	.077	25	97	.96	169	.09	8	1.59	.02	.14	1	2
84+00E 95+50N	1	21	7	39	.2	53	7	658	1.84	2	5	ND	2	100	.6	2	2	33	.38	.048	17	29	.53	174	.09	5	1.56	.02	.14	1	1
84+00E 95+25N	1	16	10	42	.2	89	11	495	1.53	4	5	ND	2	98	.2	2	2	26	.46	.055	24	44	.63	142	.08	5	1.38	.02	.14	1	1
84+00E 95+00N	1	15	10	51	.3	24	6	413	1.38	4	5	ND	2	140	.8	3	2	26	.51	.081	28	22	.40	140	.08	9	1.22	.02	.14	1	3
84+00E 94+75N	1	17	9	45	.1	40	7	419	1.59	2	5	ND	1	125	.3	2	2	30	.60	.106	33	31	.45	130	.08	2	1.19	.02	.15	1	1
84+00E 94+50N	1	17	9	45	.1	25	6	430	1.38	5	5	ND	1	122	.5	2	2	27	.56	.089	23	22	.33	157	.08	3	1.36	.02	.14	1	2
84+00E 94+25N	1	18	15	46	.2	29	7	469	1.52	3	5	ND	1	130	.3	2	2	29	.58	.097	28	23	.34	162	.08	5	1.36	.02	.20	1	1
84+00E 94+00N	1	21	13	45	.1	26	7	504	1.71	4	5	ND	2	178	.7	2	3	31	.73	.075	31	26	.68	157	.09	8	1.44	.04	.21	2	1
84+00E 93+75N	1	17	10	62	.2	14	4	315	1.17	2	5	ND	1	398	.8	2	2	21	1.08	.083	16	20	1.99	154	.06	35	1.12	.05	.16	1	1
84+00E 93+50N	1	19	7	56	.1	16	3	318	.98	2	5	ND	1	600	.5	2	2	18	2.12	.072	13	18	1.75	111	.05	29	.91	.04	.09	1	1
84+00E 93+25N	1	13	9	44	.2	28	6	406	1.48	4	5	ND	1	83	.5	2	2	30	.42	.103	24	25	.34	120	.09	6	1.34	.02	.09	2	17
84+00E 93+00N	1	25	11	57	.2	7	3	550	.85	5	5	ND	1	77	.2	2	2	19	.68	.102	6	7	.14	113	.05	5	.50	.02	.06	1	3
84+00E 92+75N	1	23	4	65	.2	8	7	913	1.43	7	5	ND	1	56	.4	2	3	21	.73	.137	8	6	.15	133	.04	4	.83	.02	.05	1	1
84+00E 92+50N	1	16	9	49	.2	31	7	464	1.70	4	5	ND	2	74	.4	2	2	34	.49	.100	32	26	.38	154	.10	3	1.44	.01	.13	1	2
84+00E 92+25N	1	14	20	42	.1	101	10	412	1.48	2	5	ND	1	88	.3	2	2	27	.44	.078	25	50	.84	146	.08	4	1.41	.02	.12	1	1
84+00E 92+00N	2	18	8	54	.2	73	8	373	1.51	6	5	ND	1	526	.5	2	2	26	1.46	.092	22	41	2.84	127	.08	27	1.34	.05	.13	2	1
84+00E 91+00N	1	10	14	44	.2	45	6	235	1.51	4	6	ND	4	53	.3	2	2	29	.22	.042	15	27	.34	155	.11	4	1.59	.02	.08	2	2
84+00E 90+75N	1	11	8	37	.1	52	7	436	1.43	3	5	ND	3	56	.2	2	2	26	.36	.082	21	38	.42	148	.09	6	1.26	.02	.14	2	1
84+00E 90+50N	1	11	2	38	.2	40	6	336	1.52	4	5	ND	3	63	.5	2	2	26	.33	.046	21	32	.41	112	.08	4	1.12	.02	.11	2	1
STANDARD C/AU-S	18	58	38	130	7.0	67	31	1050	3.90	40	22	6	36	47	18.5	15	20	58	.50	.094	38	55	.89	174	.08	38	1.90	.06	.13	11	46

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 16 1990 **DATE REPORT MAILED:** May 23/90. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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	Au* ppb
84+00E 90+25N	1	10	10	44	.1	28	5	458	1.40	4	5	ND	2	57	.9	2	3	26	.38	.130	13	19	.31	162	.10	5	1.53	.02	.12	1	1
84+00E 90+00N	1	13	22	58	.1	64	9	1028	1.84	8	5	ND	2	81	.6	2	2	31	.75	.067	19	41	.58	243	.10	7	1.69	.02	.10	1	4
84+00E 89+75N	1	15	12	55	.2	18	6	835	1.64	6	5	ND	1	52	.8	2	2	27	.51	.081	14	12	.28	194	.09	3	1.97	.02	.06	1	3
84+00E 89+50N	1	15	12	47	.1	29	8	892	1.56	7	5	ND	1	60	.6	2	4	25	.56	.070	18	21	.30	167	.08	4	1.45	.02	.10	1	4
84+00E 89+25N	1	18	15	58	.3	19	6	997	1.39	14	5	ND	1	68	.9	2	4	25	.81	.078	12	12	.22	189	.09	5	1.63	.02	.08	2	1
84+00E 89+00N	1	37	19	86	.4	48	9	1142	1.64	32	5	ND	1	84	1.4	2	2	26	1.03	.142	17	20	.28	245	.10	7	1.77	.02	.12	1	3
84+00E 88+75N	1	335	22	107	.6	18	8	2457	2.06	14	5	ND	1	98	1.1	2	2	26	2.13	.223	14	13	.37	294	.05	7	1.69	.02	.12	1	1
84+00E 88+50N	1	103	18	65	.6	14	11	2130	2.97	9	5	ND	1	45	.5	2	2	42	.85	.106	30	9	.63	309	.07	7	2.45	.02	.14	1	3
84+00E 88+25N	1	38	11	64	.1	14	7	1296	1.62	6	5	ND	1	55	1.0	2	2	25	.93	.084	15	8	.35	227	.06	2	1.36	.02	.14	2	2
84+00E 88+00N	1	27	9	67	.3	31	8	865	1.43	6	5	ND	1	142	.8	2	2	25	1.37	.106	25	17	.37	182	.06	12	1.42	.03	.21	1	3
84+00E 87+75N	1	27	17	72	.3	46	9	788	1.48	6	5	ND	1	146	.8	2	2	26	1.19	.093	27	19	.35	208	.07	10	1.66	.02	.20	1	2
84+00E 87+50N	1	29	8	34	.2	13	3	216	.80	3	5	ND	1	681	.2	4	2	13	10.39	.065	9	12	1.06	137	.03	8	.72	.06	.12	1	4
84+00E 87+25N	1	17	12	41	.1	37	6	544	1.83	3	5	ND	1	96	1.0	2	2	34	.70	.077	32	32	.43	152	.09	2	1.51	.02	.09	2	5
84+00E 87+00N	1	17	16	55	.1	27	6	537	1.52	4	5	ND	1	100	.7	2	2	28	.76	.097	26	21	.35	182	.07	4	1.51	.02	.17	1	4
84+00E 86+75N	1	20	20	51	.2	60	8	521	1.92	7	5	ND	1	100	.2	2	2	34	.84	.097	35	43	.68	152	.08	3	1.39	.02	.14	1	1
84+00E 86+50N	1	23	13	53	.2	49	8	606	1.91	7	5	ND	2	83	.7	2	3	35	.67	.094	37	39	.54	157	.09	3	1.43	.02	.15	1	1
84+00E 86+25N	1	19	9	53	.2	27	6	552	1.34	5	5	ND	1	120	.4	2	2	25	.93	.093	28	18	.30	173	.06	6	1.25	.02	.09	1	3
84+00E 86+00N	1	17	13	52	.1	25	6	509	1.57	4	5	ND	1	89	.5	2	2	31	.71	.099	29	21	.31	169	.08	2	1.37	.02	.13	1	1
84+00E 85+75N	1	18	13	58	.1	17	6	599	1.63	2	5	ND	1	81	.7	2	2	30	.65	.090	26	16	.28	187	.09	4	1.65	.02	.15	1	4
84+00E 85+50N	1	17	6	56	.1	15	7	734	1.55	6	5	ND	1	79	.5	2	2	27	.81	.097	23	14	.29	194	.09	5	1.85	.02	.17	1	6
84+00E 85+00N	1	14	18	69	.1	11	8	1780	2.48	7	5	ND	1	36	.6	2	4	41	.48	.093	24	10	.40	200	.10	6	2.32	.02	.11	3	5
84+00E 84+75N	1	31	11	76	.2	24	13	1600	2.68	12	5	ND	1	42	.8	2	2	37	1.01	.105	21	13	.43	174	.04	7	1.39	.01	.15	1	4
84+00E 84+50N	1	33	11	41	.1	41	9	788	2.01	10	5	ND	1	43	.2	2	2	34	.88	.060	14	25	.46	185	.06	7	1.24	.02	.16	1	1
84+00E 84+25N	1	28	27	114	.1	23	10	1590	3.02	8	5	ND	1	59	.5	2	2	39	1.14	.083	24	16	.76	260	.05	4	1.91	.01	.20	1	4
84+00E 84+00N	1	13	3	34	.2	6	4	465	1.00	6	5	ND	1	23	.2	2	2	22	.55	.046	8	7	.23	66	.05	4	.66	.02	.07	3	5
84+00E 83+75N	1	22	11	47	.1	10	6	1127	1.73	7	5	ND	1	59	1.0	2	2	27	.55	.047	20	10	.39	175	.07	3	1.53	.02	.17	1	2
84+00E 83+50N	1	19	15	49	.2	10	7	722	1.60	2	5	ND	2	60	1.2	2	2	29	.57	.068	22	10	.31	168	.09	5	1.56	.02	.18	1	2
84+00E 83+25N	1	22	8	47	.1	13	7	810	1.66	4	5	ND	2	69	1.1	2	2	29	.60	.063	21	12	.34	180	.09	7	1.72	.02	.17	3	4
84+00E 83+00N	1	21	17	52	.1	10	7	956	1.61	4	5	ND	1	59	.8	2	2	27	.76	.080	18	9	.33	188	.07	5	1.58	.02	.18	1	3
85+00E 100+00N	1	22	17	53	.1	12	8	487	1.88	10	5	ND	6	163	.9	2	2	41	.66	.117	56	17	.35	140	.11	4	1.82	.03	.19	1	3
85+00E 99+75N	1	34	30	67	.1	7	10	917	2.28	7	5	ND	8	200	1.0	2	2	42	.87	.154	113	9	.54	118	.11	4	2.37	.07	.21	1	5
85+00E 99+50N	1	44	29	67	.1	9	8	516	2.10	8	5	ND	9	215	1.3	2	2	39	.90	.146	94	12	.46	144	.09	4	2.11	.05	.31	1	4
85+00E 99+25N	1	29	12	66	.1	9	7	574	1.43	4	5	ND	2	208	1.5	2	2	28	.99	.131	45	10	.33	158	.09	3	1.62	.02	.20	1	5
85+00E 99+00N	1	25	18	70	.1	13	8	610	1.74	5	5	ND	2	142	1.0	2	3	34	.77	.107	45	16	.36	171	.11	2	2.18	.02	.19	1	3
85+00E 98+75N	1	29	19	77	.1	14	9	665	1.89	4	5	ND	3	226	.7	2	2	37	.93	.125	50	18	.42	188	.10	5	1.94	.02	.28	1	4
85+00E 98+50N	1	26	18	80	.1	12	7	536	1.54	4	5	ND	1	192	1.0	2	2	29	.79	.110	36	15	.34	184	.09	3	1.83	.02	.23	1	4
STANDARD C/AU-S	17	58	43	130	6.8	69	31	1056	3.90	41	17	8	37	48	20.0	15	20	60	.51	.088	38	55	.91	175	.08	34	1.94	.06	.13	11	53

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	Au* ppb
85+00E 98+25N	1	31	15	101	.6	16	8	574	1.79	13	5	ND	3	221	.7	4	2	33	.99	.140	42	18	.43	199	.10	11	2.02	.02	.28	1	1
85+00E 98+00N	1	26	21	92	.2	17	7	524	1.78	11	5	ND	3	160	.3	2	2	32	.86	.125	39	19	.36	185	.10	3	2.00	.02	.25	1	1
85+00E 97+75N	1	26	17	88	.2	26	7	564	1.78	7	5	ND	3	166	.7	2	2	33	.86	.123	40	21	.38	190	.10	4	1.97	.02	.22	1	3
85+00E 97+50N	1	26	14	70	.2	17	7	537	1.89	6	5	ND	3	159	.7	2	2	35	.74	.105	42	22	.39	184	.11	3	2.01	.02	.21	1	2
85+00E 97+25N	1	24	14	73	.1	30	8	544	1.87	8	5	ND	2	155	.5	2	2	34	.81	.125	41	29	.48	178	.10	4	1.90	.02	.22	1	1
85+00E 97+00N	1	21	18	56	.1	24	7	500	1.71	8	5	ND	2	175	.2	2	2	33	.72	.097	36	23	.39	170	.10	3	1.73	.02	.20	1	1
85+00E 96+75N	1	18	17	60	.1	21	5	481	1.46	7	5	ND	2	145	.8	2	2	26	.58	.082	26	19	.34	142	.09	3	1.67	.02	.15	1	6
85+00E 96+50N	1	15	11	42	.1	15	4	344	1.18	2	5	ND	1	677	.3	2	2	21	2.17	.068	20	17	.69	98	.06	18	.89	.08	.26	1	2
85+00E 96+25N	1	14	10	40	.1	22	3	262	.95	5	5	ND	1	1559	.7	2	2	20	3.42	.104	13	19	1.17	143	.05	27	.76	.07	.17	1	1
85+00E 96+00N	1	29	8	52	.1	33	7	404	1.75	5	5	ND	7	97	.6	2	2	33	.44	.144	43	28	.43	140	.10	2	1.57	.02	.12	1	1
85+00E 95+75N	1	14	8	45	.1	25	6	531	1.39	3	5	ND	2	79	.3	2	3	27	.47	.091	25	19	.27	140	.09	2	1.33	.02	.09	1	1
85+00E 95+50N	1	18	6	67	.1	188	14	638	1.79	6	5	ND	1	59	.6	2	4	27	.50	.135	13	58	.49	93	.07	2	.90	.02	.07	1	1
85+00E 95+25N	1	15	17	43	.1	95	12	506	1.80	10	5	ND	3	72	.5	2	2	30	.41	.064	26	47	.43	152	.11	2	1.78	.02	.18	1	3
85+00E 95+00N	1	16	13	49	.1	81	7	1004	2.13	10	5	ND	1	51	.2	2	2	27	.50	.091	11	18	.46	186	.06	2	1.15	.02	.07	1	1
85+00E 94+75N	1	14	2	40	.1	290	20	547	1.72	2	5	ND	1	32	.3	2	2	27	.34	.056	9	78	.30	83	.08	2	1.03	.02	.06	1	1
85+00E 94+50N	1	10	18	53	.1	154	11	511	2.61	4	5	ND	8	49	.3	2	2	36	.39	.059	50	61	.51	267	.14	2	1.63	.02	.22	1	3
85+00E 94+25N	2	16	8	56	.1	936	71	838	3.34	7	5	ND	2	59	.2	2	2	31	.50	.051	14	403	1.56	116	.09	6	1.90	.02	.21	1	3
85+00E 94+00N	1	18	10	58	.2	349	23	577	2.10	6	5	ND	3	66	.4	2	3	29	.52	.084	25	75	.58	129	.11	4	1.80	.02	.19	1	1
85+00E 93+75N	1	16	10	41	.1	92	10	487	1.98	6	5	ND	4	64	.3	2	2	35	.42	.072	34	40	.42	151	.12	2	1.91	.02	.19	2	1
85+00E 93+50N	1	19	11	52	.1	40	7	504	1.64	6	5	ND	1	107	.7	2	3	29	.69	.111	33	27	.37	181	.09	2	1.80	.02	.16	2	3
85+00E 93+25N	1	20	16	64	.1	38	8	516	1.85	6	5	ND	2	101	.4	2	2	34	.65	.112	38	32	.41	178	.11	2	1.94	.02	.17	1	1
85+00E 93+00N	1	18	9	49	.1	31	7	400	1.51	4	5	ND	1	332	.6	2	2	27	1.10	.101	29	31	2.00	148	.08	40	1.35	.16	.35	2	3
85+00E 92+75N	1	18	10	50	.1	16	3	245	.88	5	5	ND	1	677	.7	2	2	20	2.36	.090	13	7	5.46	184	.04	142	1.53	.05	.26	1	1
85+00E 92+50N	1	19	4	50	.1	48	6	229	1.51	9	5	ND	2	1174	.2	4	2	32	5.09	.094	29	20	5.52	207	.07	35	1.21	.04	.10	1	1
85+00E 92+25N	1	18	14	54	.1	20	4	255	.80	8	5	ND	1	748	.2	4	2	20	2.76	.088	10	7	6.21	204	.04	164	1.57	.04	.17	1	1
85+00E 92+00N	1	15	7	41	.1	15	3	189	.72	16	5	ND	1	2335	.2	2	2	21	6.18	.053	9	2	7.87	183	.04	82	1.29	.05	.08	1	2
85+00E 91+75N	1	22	4	26	.1	15	2	102	.40	12	5	ND	1	2553	.4	2	2	16	10.48	.047	4	7	3.83	143	.03	31	.80	.05	.03	1	2
85+00E 91+50N	2	18	2	24	.1	21	2	163	.24	4	5	ND	1	2359	.2	2	4	13	13.06	.059	2	9	1.12	112	.01	17	.26	.04	.02	1	1
85+00E 91+25N	1	19	15	57	.1	67	10	506	2.24	7	5	ND	2	493	.2	2	2	43	2.50	.099	32	41	.98	133	.12	7	1.61	.03	.17	1	3
85+00E 91+00N	1	17	18	64	.1	13	12	600	3.17	7	5	ND	7	114	.8	2	2	64	.70	.107	47	30	1.01	112	.19	2	2.11	.03	.22	1	2
85+00E 90+75N	1	14	2	33	.1	12	3	123	.56	4	5	ND	1	1200	.5	2	2	10	6.81	.056	5	8	2.55	123	.04	22	.71	.05	.06	1	3
85+00E 90+50N	1	10	11	41	.1	53	8	274	2.06	11	5	ND	4	52	.4	2	6	33	.26	.059	16	31	.47	182	.11	4	2.46	.02	.13	1	3
85+00E 90+25N	1	7	4	50	.2	21	4	446	1.19	6	5	ND	3	33	.3	2	2	24	.21	.048	13	16	.22	117	.09	5	.99	.02	.10	1	3
85+00E 90+00N	1	19	5	38	.1	33	6	664	1.56	5	5	ND	1	46	.4	2	3	20	.32	.082	8	16	.29	152	.07	2	1.46	.02	.13	2	4
85+00E 89+75N	1	10	2	36	.1	8	4	753	1.23	4	5	ND	1	37	.2	2	2	19	.33	.047	7	7	.16	148	.08	2	1.36	.02	.09	1	2
85+00E 89+50N	1	17	10	66	.3	12	4	1074	1.10	13	5	ND	1	74	.2	2	2	19	.96	.113	9	8	.19	199	.06	6	.96	.02	.15	2	2
STANDARD C/AU-S	20	58	44	131	6.7	67	31	1126	4.15	39	18	7	37	48	18.6	15	23	59	.51	.093	39	57	.98	176	.08	34	1.95	.06	.14	13	50

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	Au* ppb
85+00E 89+25N	1	53	20	76	.3	226	16	1688	2.19	25	5	ND	1	50	.5	3	6	27	.69	.060	14	44	.38	165	.09	7	1.81	.02	.13	1	9
85+00E 89+00N	1	27	15	61	.1	12	5	1061	1.23	13	5	ND	1	49	.6	2	5	18	.88	.065	10	7	.17	173	.06	4	1.18	.02	.08	1	2
85+00E 88+75N	1	34	14	56	.1	19	9	1341	1.92	10	5	ND	1	30	.7	2	3	28	.48	.077	21	10	.23	198	.09	3	1.79	.02	.12	1	2
85+00E 88+50N	1	23	19	63	.2	28	10	793	1.97	12	5	ND	3	30	.4	2	3	32	.32	.055	24	19	.29	200	.11	7	1.93	.02	.13	1	1
85+00E 88+25N	1	31	104	88	.4	23	7	1082	1.81	16	5	ND	1	31	1.1	2	7	28	.39	.078	23	17	.27	197	.09	4	1.77	.02	.12	1	33
85+00E 88+00N	1	22	24	48	.1	32	5	622	1.50	8	5	ND	1	94	.5	2	2	24	.87	.081	21	21	.34	192	.08	5	1.60	.02	.11	1	2
85+00E 87+75N	1	15	9	38	.1	16	4	378	1.03	5	5	ND	1	324	.2	2	2	16	3.67	.047	13	16	.78	150	.05	14	.82	.10	.12	1	1
85+00E 87+50N	1	13	4	36	.1	28	5	502	1.25	6	5	ND	1	70	.2	2	2	21	.39	.064	17	20	.28	131	.07	4	1.02	.02	.09	1	1
85+00E 87+25N	1	18	8	51	.2	25	5	511	1.34	5	5	ND	1	100	.2	2	2	23	.66	.063	19	19	.29	173	.07	4	1.28	.02	.09	1	2
85+00E 87+00N	1	20	10	55	.1	25	5	517	1.40	5	5	ND	1	111	.2	2	2	23	.75	.078	22	19	.31	193	.07	3	1.45	.02	.12	1	3
85+00E 86+75N	1	22	9	66	.2	20	5	483	1.34	6	5	ND	1	115	.2	2	2	21	.76	.098	21	16	.30	196	.06	6	1.40	.02	.17	1	2
85+00E 86+50N	1	21	12	47	.1	19	5	515	1.32	5	5	ND	1	129	.3	2	2	22	.84	.089	19	16	.27	192	.06	2	1.42	.02	.12	1	2
85+00E 86+25N	1	20	8	46	.1	20	5	512	1.36	6	5	ND	1	117	.6	2	2	24	.72	.096	23	16	.27	186	.06	2	1.54	.02	.11	1	3
85+00E 86+00N	1	18	5	44	.1	17	5	499	1.50	4	5	ND	1	115	.4	2	2	25	.65	.091	25	16	.28	202	.07	3	1.71	.02	.14	1	1
85+00E 85+75N	1	19	6	52	.1	20	4	459	1.34	7	5	ND	1	110	.2	2	2	24	.64	.094	23	16	.26	177	.06	3	1.39	.02	.14	1	5
85+00E 85+50N	1	21	19	62	.1	23	7	590	1.81	8	5	ND	3	69	.6	3	2	32	.50	.088	31	22	.33	173	.10	3	1.67	.02	.19	1	2
85+00E 85+25N	1	18	8	57	.1	13	5	704	1.56	5	5	ND	1	56	.2	2	2	25	.57	.064	21	11	.24	184	.08	2	1.62	.02	.16	1	3
85+00E 85+00N	1	19	12	60	.1	18	6	593	1.56	7	5	ND	1	75	.3	2	2	26	.57	.082	25	15	.27	183	.08	5	1.39	.02	.16	1	13
85+00E 84+75N	1	28	12	60	.1	26	7	791	1.84	3	5	ND	2	61	.5	2	2	31	.60	.062	26	19	.33	190	.08	3	1.46	.02	.19	1	1
85+00E 84+50N	1	23	15	55	.1	14	7	1042	1.87	3	5	ND	1	63	.4	2	3	29	.63	.079	23	12	.33	207	.08	5	1.63	.02	.19	1	4
85+00E 84+25N	1	22	8	56	.1	15	7	876	1.99	6	5	ND	2	46	.2	3	2	32	.54	.072	24	15	.40	162	.09	6	1.73	.02	.17	1	2
85+00E 84+00N	3	19	17	57	.1	12	8	876	2.18	7	5	ND	1	27	.2	3	2	35	.55	.067	17	10	.48	111	.04	3	1.31	.01	.14	1	1
85+00E 83+75N	1	17	20	60	.1	9	7	1041	2.19	5	5	ND	1	37	.2	2	2	27	.71	.045	13	7	.51	149	.03	9	1.55	.01	.26	1	4
85+00E 83+50N	1	18	13	58	.1	9	8	1022	2.32	2	5	ND	1	37	.2	2	2	26	.58	.033	12	9	.50	135	.04	4	1.58	.01	.24	1	3
85+00E 83+25N	1	19	19	67	.1	4	3	701	.75	7	5	ND	1	96	.2	2	2	15	1.86	.084	3	5	.17	151	.04	12	.40	.01	.10	1	2
85+00E 83+00N	1	15	11	55	.1	5	6	639	1.77	3	5	ND	1	55	.2	3	4	19	1.25	.042	8	5	.32	182	.03	7	.91	.01	.16	1	2
86+00E 100+00N	1	42	26	91	.3	14	12	764	2.92	2	5	ND	10	258	.3	2	2	53	1.02	.202	104	18	.58	149	.09	2	2.08	.02	.32	1	1
86+00E 99+75N	1	26	21	80	.1	13	8	557	1.89	6	5	ND	7	198	.5	2	2	36	.68	.099	59	16	.34	166	.10	2	1.94	.02	.22	1	3
86+00E 99+50N	1	18	18	45	.1	13	7	427	1.61	2	5	ND	4	157	.2	2	2	31	.51	.071	39	15	.30	163	.11	2	1.62	.02	.19	2	4
86+00E 99+25N	1	19	9	49	.2	10	6	500	1.68	2	5	ND	4	170	.3	2	2	32	.56	.076	42	16	.30	157	.10	3	1.60	.02	.25	2	2
86+00E 99+00N	1	24	20	77	.1	15	7	563	1.83	5	5	ND	4	156	.2	2	2	37	.74	.100	46	19	.35	147	.10	3	1.58	.01	.22	1	6
86+00E 98+75N	1	19	13	77	.1	16	6	486	1.62	6	5	ND	2	118	.4	2	2	31	.61	.118	32	17	.28	165	.10	3	1.80	.02	.17	1	3
86+00E 98+50N	1	18	9	56	.1	11	6	414	1.63	3	5	ND	2	141	.6	2	2	33	.68	.112	36	15	.27	174	.10	2	1.79	.02	.19	1	3
86+00E 98+25N	1	18	8	68	.1	11	5	425	1.49	5	5	ND	2	124	.6	2	2	30	.63	.102	34	15	.27	166	.09	3	1.59	.02	.18	1	1
86+00E 98+00N	1	23	17	62	.1	17	6	483	1.78	7	5	ND	2	164	.2	3	2	33	.77	.125	44	19	.36	197	.11	4	2.05	.02	.23	1	1
86+00E 97+75N	1	25	14	77	.2	12	6	515	1.51	4	5	ND	1	201	.2	2	2	28	.84	.121	38	12	.29	196	.08	4	1.53	.02	.23	1	1
STANDARD C/AU-S	18	58	37	131	6.6	68	31	1049	3.86	36	21	7	36	47	18.7	16	20	58	.50	.088	38	54	.90	174	.08	32	1.91	.06	.14	11	49

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	Au* ppb
86+00E 97+50N	1	20	15	63	.2	11	6	448	1.73	6	5	ND	4	100	.3	2	11	31	.52	.081	42	14	.31	162	.12	4	2.38	.02	.15	1	5
86+00E 97+25N	1	27	19	81	.3	14	7	614	1.86	4	5	ND	4	140	.7	2	12	32	.77	.101	49	13	.33	199	.12	2	2.52	.02	.20	2	1
86+00E 97+00N	1	22	12	60	.2	13	7	568	1.44	7	5	ND	1	161	.7	2	10	23	.83	.115	33	12	.26	221	.09	8	1.98	.02	.20	1	2
86+00E 96+75N	1	27	19	65	.2	16	8	563	1.94	7	5	ND	5	118	.6	2	11	32	.64	.097	49	15	.37	195	.11	2	2.29	.02	.29	1	1
86+00E 96+50N	1	24	18	38	.1	15	6	576	1.62	5	5	ND	2	168	.2	2	8	27	.65	.081	39	14	.31	178	.10	2	1.79	.02	.21	1	1
86+00E 96+25N	1	22	20	57	.2	22	7	689	1.67	6	5	ND	4	198	.3	2	7	29	.70	.078	35	20	.31	190	.10	4	1.67	.02	.22	1	1
86+00E 96+00N	1	17	10	38	.2	17	5	266	1.70	5	5	ND	5	229	.5	2	3	29	.59	.024	28	19	.32	80	.11	6	1.56	.03	.17	2	1
86+00E 95+75N	1	27	23	66	.1	29	8	584	1.88	4	5	ND	2	259	.4	2	3	34	1.21	.105	34	23	.49	169	.10	4	1.76	.03	.19	1	1
86+00E 95+50N	1	31	17	48	.2	9	5	370	1.29	3	5	ND	1	678	.5	2	8	30	2.25	.109	30	12	.29	134	.09	8	1.29	.03	.12	1	2
86+00E 95+25N	1	19	16	72	.2	10	5	550	1.70	7	5	ND	3	145	.4	2	13	35	.70	.107	39	14	.28	150	.13	2	1.99	.02	.14	1	1
86+00E 95+00N	1	21	12	53	.2	26	6	406	1.42	3	5	ND	1	343	.3	2	3	25	1.38	.117	22	24	1.25	157	.08	16	1.29	.03	.17	1	1
86+00E 94+75N	1	16	11	49	.1	48	7	534	1.52	6	5	ND	2	91	.7	2	7	27	.45	.124	23	25	.28	168	.09	2	1.41	.02	.09	1	2
86+00E 94+50N	1	15	11	47	.2	72	9	577	1.63	6	5	ND	3	92	.6	2	9	30	.49	.087	27	28	.30	169	.11	3	1.68	.02	.13	3	1
86+00E 94+25N	1	16	8	56	.1	40	7	430	1.77	6	5	ND	4	68	.2	2	7	35	.35	.109	32	25	.31	137	.11	2	1.58	.02	.09	1	1
86+00E 94+00N	1	16	11	48	.2	54	8	518	1.79	3	5	ND	4	67	.6	2	7	32	.37	.069	29	28	.33	165	.12	2	1.84	.02	.12	1	3
86+00E 93+75N	1	21	6	46	.1	231	19	630	2.57	8	5	ND	4	61	.2	2	12	41	.40	.073	37	63	.50	128	.11	2	1.60	.02	.15	1	1
86+00E 93+50N	2	18	11	49	.1	728	47	779	3.04	9	5	ND	2	64	.3	2	10	30	.45	.087	17	139	.76	122	.09	2	1.45	.02	.19	1	1
86+00E 93+25N	1	23	18	51	.1	77	10	516	2.24	4	5	ND	5	121	.5	2	12	42	.50	.111	48	37	.45	169	.11	2	1.69	.02	.27	1	1
86+00E 93+00N	1	19	17	54	.2	34	7	465	1.65	5	5	ND	2	133	.5	2	13	30	.63	.092	36	26	.45	163	.09	5	1.45	.02	.19	1	1
86+00E 92+75N	1	20	17	47	.2	38	8	487	1.78	4	5	ND	3	115	.5	2	12	34	.60	.101	42	26	.47	148	.10	2	1.46	.02	.19	1	3
86+00E 92+50N	1	21	15	44	.1	83	10	496	1.83	6	5	ND	2	122	.2	2	6	33	.61	.111	36	37	.70	162	.09	5	1.46	.02	.19	1	1
86+00E 92+25N	1	16	17	37	.1	43	8	442	1.63	6	5	ND	1	123	.6	2	5	29	.55	.080	29	23	.50	174	.09	8	1.64	.02	.19	1	1
86+00E 92+00N	1	18	11	59	.3	72	9	461	1.91	11	5	ND	3	152	.2	2	4	35	.59	.104	32	36	1.05	152	.10	8	1.58	.03	.24	1	5
86+00E 91+75N	1	19	16	49	.1	25	6	484	1.69	6	5	ND	2	143	.5	2	11	32	.61	.083	28	23	.46	192	.10	8	1.75	.02	.19	1	26
86+00E 91+50N	1	16	15	35	.1	46	7	451	1.63	5	5	ND	3	85	.5	2	10	31	.39	.077	24	33	.50	131	.10	2	1.47	.02	.16	1	3
86+00E 91+25N	1	20	6	42	.1	27	5	416	1.24	7	5	ND	1	1076	.5	2	7	21	3.77	.104	18	21	2.44	160	.07	33	1.12	.04	.21	1	9
86+00E 91+00N	1	39	8	48	.3	52	3	142	.41	10	5	ND	1	1944	.2	3	6	12	15.29	.149	6	16	.69	189	.03	18	.57	.05	.06	1	3
86+00E 90+75N	1	10	8	29	.1	43	6	220	1.52	2	5	ND	2	115	.2	2	8	26	.45	.032	11	32	.48	78	.10	4	1.45	.02	.10	1	6
86+00E 90+50N	1	12	9	37	.1	71	9	548	1.66	4	5	ND	3	71	.5	2	5	30	.32	.097	17	45	.58	164	.11	7	1.58	.02	.13	1	6
86+00E 90+25N	1	13	6	46	.2	48	7	465	1.57	7	5	ND	4	64	.2	2	9	28	.29	.081	19	31	.42	133	.11	4	1.65	.02	.14	1	1
86+00E 90+00N	1	18	7	48	.2	42	6	386	1.48	3	5	ND	2	516	.2	2	4	23	2.58	.102	25	33	.95	143	.07	21	1.07	.03	.21	1	1
86+00E 89+75N	1	13	7	30	.1	32	5	176	1.36	5	5	ND	2	216	.3	2	9	20	2.06	.040	16	27	.50	97	.08	6	1.07	.03	.13	1	3
86+00E 89+50N	1	14	12	48	.2	45	7	471	1.61	8	5	ND	3	73	.2	2	13	28	.36	.098	18	31	.41	141	.11	3	1.65	.02	.12	1	1
86+00E 89+25N	1	17	9	55	.2	37	7	608	1.59	5	5	ND	3	80	.8	2	10	26	.47	.069	19	27	.39	179	.10	6	1.59	.02	.15	1	1
86+00E 89+00N	1	18	13	65	.2	29	6	550	1.57	8	5	ND	2	86	.2	2	9	26	.47	.105	22	24	.40	164	.10	6	1.53	.02	.19	1	1
86+00E 88+75N	1	17	10	41	.1	34	6	518	1.45	5	5	ND	3	77	.8	2	10	25	.40	.141	19	24	.36	164	.10	3	1.48	.02	.12	1	2
STANDARD C/AU-S	18	58	40	127	6.7	67	30	1061	4.03	40	17	7	37	48	18.6	15	21	60	.52	.096	38	55	.92	175	.08	34	1.98	.06	.13	11	47

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	Au* ppb
86+00E 88+50N	1	18	31	64	.2	54	7	537	1.41	8	5	ND	2	80	.2	2	7	25	.47	.128	22	32	.44	169	.09	7	1.27	.02	.13	1	9
86+00E 88+25N	1	19	2	55	.2	67	9	518	1.64	2	5	ND	1	78	.4	2	2	29	.48	.100	26	40	.54	169	.10	6	1.50	.02	.12	1	2
86+00E 88+00N	1	15	7	60	.2	62	8	591	1.44	6	5	ND	1	77	.6	2	4	26	.55	.123	19	41	.50	167	.08	10	1.19	.02	.11	1	1
86+00E 87+75N	1	17	2	53	.3	43	7	566	1.42	4	5	ND	1	79	.8	2	3	26	.55	.089	21	30	.37	171	.08	6	1.30	.02	.10	1	3
86+00E 87+50N	1	21	6	65	.2	39	7	600	1.46	4	5	ND	1	94	.4	2	4	27	.69	.101	26	26	.35	200	.08	7	1.57	.02	.12	1	2
86+00E 87+25N	1	22	10	61	.2	42	7	579	1.53	7	5	ND	1	81	.4	2	2	28	.66	.124	26	28	.40	188	.08	6	1.66	.02	.12	1	2
86+00E 87+00N	1	23	15	86	.2	14	4	700	1.13	8	5	ND	1	66	.5	2	2	19	.79	.142	12	12	.20	207	.08	9	1.33	.02	.11	1	3
86+00E 86+75N	1	14	14	62	.2	10	4	679	1.21	6	5	ND	1	60	.4	2	2	21	.63	.077	13	11	.19	194	.09	7	1.49	.02	.10	2	1
86+00E 86+50N	1	15	3	56	.1	13	5	692	1.22	6	5	ND	1	74	.5	2	4	20	.64	.083	16	11	.20	177	.07	5	1.33	.02	.10	2	1
86+00E 86+25N	1	13	2	51	.1	10	6	703	1.36	4	5	ND	1	50	.3	2	2	21	.54	.064	10	8	.17	172	.09	7	1.70	.02	.09	1	1
86+00E 86+00N	1	16	2	45	.1	12	5	589	1.20	3	5	ND	1	66	.2	2	2	22	.60	.085	16	10	.19	168	.08	2	1.43	.02	.10	2	1
86+00E 85+75N	1	28	6	73	.1	10	4	798	1.27	5	5	ND	1	59	.2	2	2	22	.66	.106	14	8	.21	191	.07	5	1.45	.02	.11	2	3
86+00E 85+50N	1	15	9	60	.2	21	6	487	2.09	7	5	ND	3	64	.4	2	3	38	.40	.079	29	24	.33	242	.14	4	2.52	.02	.13	2	3
86+00E 85+25N	1	14	11	56	.2	15	6	557	1.62	5	5	ND	2	44	.3	2	6	30	.35	.066	22	15	.23	193	.12	5	2.30	.02	.10	1	2
86+00E 85+00N	1	21	5	79	.1	9	7	807	1.78	3	5	ND	1	37	.2	2	3	24	.53	.104	17	8	.18	184	.07	6	1.48	.02	.15	1	4
86+00E 84+75N	1	16	7	63	.2	11	5	634	1.52	2	5	ND	1	51	.3	2	4	25	.50	.079	19	11	.22	185	.09	4	1.75	.02	.12	2	1
86+00E 84+50N	1	29	3	73	.1	16	7	1029	1.59	6	5	ND	1	41	.2	2	2	29	.53	.112	14	12	.23	186	.06	5	1.51	.02	.08	1	2
86+00E 84+25N	1	18	6	60	.1	16	5	570	1.41	4	5	ND	1	82	.2	2	2	25	.62	.119	21	14	.27	175	.07	4	1.35	.02	.18	1	1
86+00E 84+00N	1	17	9	69	.2	12	5	622	1.34	6	5	ND	1	77	.2	2	2	22	.67	.083	18	10	.22	208	.07	5	1.43	.02	.20	1	1
86+00E 83+75N	1	18	5	78	.2	10	5	686	1.34	5	5	ND	1	68	.2	2	2	21	.73	.105	15	10	.21	207	.06	7	1.29	.02	.13	1	1
86+00E 83+50N	1	16	6	60	.1	9	6	868	1.65	6	5	ND	1	31	.2	2	2	24	.48	.071	13	7	.18	139	.07	3	1.46	.02	.11	1	1
86+00E 83+25N	1	19	6	70	.1	12	9	980	2.44	8	5	ND	2	31	.2	2	2	31	.51	.083	18	11	.29	186	.07	4	1.45	.02	.21	1	9
86+00E 83+00N	1	53	11	73	.1	20	13	1158	2.69	4	5	ND	1	59	.2	2	2	41	2.35	.101	10	15	.53	311	.02	9	1.23	.01	.20	1	6
87+00E 100+00N	1	23	8	64	.1	10	9	734	2.12	2	5	ND	2	229	.2	2	7	41	.75	.123	38	18	.49	150	.09	8	1.89	.02	.27	1	3
87+00E 99+75N	1	21	9	72	.1	10	8	547	2.39	5	5	ND	7	105	.2	2	5	52	.53	.136	51	22	.39	154	.15	2	1.98	.02	.26	1	4
87+00E 99+50N	1	21	11	57	.1	10	7	506	1.73	4	5	ND	4	101	.4	2	4	34	.48	.082	39	16	.29	175	.13	4	1.97	.02	.22	1	3
87+00E 99+25N	1	22	14	127	.1	7	5	649	1.89	4	5	ND	8	106	.5	2	3	30	.64	.095	105	10	.25	124	.07	2	1.61	.02	.20	1	2
87+00E 99+00N	1	13	11	55	.1	8	4	400	1.24	2	5	ND	4	117	.2	2	2	22	.48	.056	37	11	.19	134	.09	4	1.45	.02	.15	1	3
87+00E 98+75N	1	14	6	50	.1	6	4	420	1.13	4	5	ND	1	108	.2	2	2	23	.41	.089	22	11	.19	138	.09	5	1.29	.02	.14	1	1
87+00E 98+50N	1	19	8	76	.1	8	5	528	1.29	6	5	ND	1	127	.2	2	2	24	.61	.152	26	11	.23	177	.09	4	1.56	.02	.19	1	4
87+00E 98+25N	1	19	11	63	.1	7	5	458	1.28	2	5	ND	1	189	.2	2	2	24	.68	.112	27	11	.23	168	.08	3	1.72	.02	.15	1	2
87+00E 98+00N	1	18	8	49	.1	8	4	367	1.29	2	5	ND	1	261	.5	2	2	25	.58	.051	27	12	.25	151	.11	4	1.79	.03	.19	1	1
87+00E 97+75N	1	20	2	61	.1	11	6	497	1.34	5	5	ND	2	184	.4	2	3	27	.70	.128	35	12	.22	152	.09	3	1.39	.02	.13	1	2
87+00E 97+50N	1	21	13	64	.2	14	6	514	1.65	2	5	ND	3	142	.4	2	3	35	.70	.137	43	17	.28	161	.11	2	1.57	.02	.18	1	3
87+00E 97+25N	1	19	13	67	.1	10	5	501	1.27	2	5	ND	1	164	.3	2	4	24	.75	.109	28	10	.24	178	.08	4	1.40	.02	.13	1	2
87+00E 97+00N	1	18	5	69	.2	13	5	509	1.45	2	5	ND	2	100	.2	2	2	27	.52	.077	30	13	.25	162	.12	3	2.00	.02	.13	1	2
STANDARD C/AU-S	18	57	36	130	6.8	64	30	1055	3.83	36	18	6	36	47	17.6	15	23	57	.51	.094	36	55	.89	174	.08	34	1.87	.06	.14	11	53

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	Au* ppb
87+00E 96+75N	1	18	9	71	.2	11	5	650	1.35	3	5	ND	3	97	1.4	2	2	27	.53	.071	28	11	.22	165	.12	4	1.99	.02	.13	1	3
87+00E 96+50N	1	11	4	59	.1	7	4	564	1.20	3	5	ND	2	83	.2	2	4	25	.40	.043	25	11	.20	140	.10	2	1.67	.02	.12	1	3
87+00E 96+25N	1	16	17	65	.2	12	5	589	1.51	4	5	ND	5	77	1.0	2	2	30	.37	.047	30	12	.24	164	.13	4	2.26	.02	.15	1	4
87+00E 96+00N	1	16	7	68	.4	17	6	244	1.82	3	5	ND	6	95	.9	2	4	33	.31	.041	34	19	.33	137	.15	5	2.86	.03	.18	1	3
87+00E 95+75N	1	20	7	39	.1	8	3	229	.93	2	5	ND	1	1245	.7	2	2	16	5.93	.058	18	9	.35	84	.05	12	.96	.06	.10	1	2
87+00E 95+50N	1	17	5	60	.1	15	6	418	1.68	4	5	ND	5	183	.6	2	5	34	.53	.080	46	17	.29	132	.11	3	1.65	.02	.18	1	3
87+00E 95+25N	1	14	5	56	.1	28	6	477	1.41	2	5	ND	2	96	.7	2	4	25	.39	.083	24	19	.26	158	.10	2	1.82	.02	.11	1	4
87+00E 95+00N	1	17	10	66	.1	34	6	577	1.44	4	5	ND	1	105	.7	2	2	25	.68	.077	21	19	.32	195	.08	4	1.64	.02	.13	1	6
87+00E 94+75N	1	10	5	53	.1	52	6	435	1.09	2	5	ND	1	73	.5	2	2	21	.40	.073	12	25	.20	138	.08	4	1.11	.02	.10	1	1
87+00E 94+50N	1	17	9	66	.2	61	7	503	1.55	3	5	ND	1	169	.7	2	3	29	.82	.085	24	29	.45	150	.09	5	1.44	.02	.14	1	7
87+00E 94+25N	1	10	4	52	.1	255	11	243	1.63	5	5	ND	1	56	.6	2	4	20	.30	.189	6	36	.25	125	.12	4	2.14	.03	.05	1	2
87+00E 94+00N	1	13	2	66	.1	344	37	732	3.16	3	5	ND	1	45	.5	2	3	21	.29	.121	5	50	1.42	98	.08	10	1.15	.02	.05	1	2
87+00E 93+75N	1	9	2	48	.2	442	25	481	2.46	2	5	ND	2	42	.5	2	4	31	.32	.034	12	86	.42	127	.12	6	2.00	.02	.11	1	1
87+00E 93+50N	1	9	3	50	.1	635	34	492	2.05	3	5	ND	1	34	.6	2	2	25	.26	.036	4	118	.24	112	.09	2	1.21	.03	.07	1	3
87+00E 93+25N	1	20	11	70	.2	263	20	971	1.85	26	5	ND	1	85	.8	2	2	24	.69	.084	17	81	.51	177	.07	2	1.44	.02	.13	1	24
87+00E 93+00N	1	12	12	45	.1	401	21	639	2.72	4	5	ND	3	45	1.0	2	2	34	.32	.032	17	89	.55	136	.11	2	2.05	.02	.16	1	2
87+00E 92+75N	1	10	10	47	.1	49	8	700	1.84	6	5	ND	1	38	.5	2	2	27	.33	.019	12	17	.28	150	.11	3	2.00	.02	.14	1	5
87+00E 92+50N	1	16	2	68	.1	1126	70	869	3.74	6	5	ND	1	62	.3	2	2	23	.61	.064	5	127	4.04	108	.06	10	1.01	.02	.10	1	3
87+00E 92+25N	1	11	3	28	.1	94	8	413	.78	4	5	ND	1	76	.2	2	2	15	.73	.046	2	17	.32	74	.04	2	.41	.02	.07	1	3
87+00E 92+00N	1	13	2	42	.1	107	10	388	1.77	2	5	ND	5	60	.5	2	2	34	.36	.051	33	43	.47	117	.11	4	1.45	.02	.14	1	5
87+00E 91+75N	1	11	3	40	.1	63	8	389	1.33	3	5	ND	2	73	.5	2	2	25	.39	.077	23	30	.44	138	.09	5	1.36	.02	.12	1	16
87+00E 91+50N	1	14	16	47	.1	107	11	516	1.67	11	5	ND	1	64	.6	2	3	30	.41	.068	25	52	.46	151	.10	2	1.64	.02	.10	1	2
87+00E 91+25N	1	12	7	44	.1	48	8	515	1.44	7	5	ND	2	53	.7	2	2	28	.36	.059	21	33	.35	128	.10	2	1.25	.02	.10	1	2
87+00E 91+00N	1	14	16	49	.1	69	9	500	1.89	8	5	ND	5	60	.3	2	2	35	.31	.048	30	42	.49	127	.12	4	1.67	.02	.15	1	5
87+00E 90+75N	1	17	6	43	.2	30	5	266	1.15	5	5	ND	2	417	.6	2	2	24	1.37	.049	24	21	.45	105	.07	7	.91	.03	.10	1	3
87+00E 90+50N	1	11	5	45	.1	19	5	377	1.49	2	5	ND	4	214	.8	2	2	28	.61	.050	29	23	.60	125	.10	9	1.29	.02	.21	1	41
87+00E 90+25N	1	11	9	43	.1	13	5	305	1.42	2	5	ND	4	194	.5	2	2	27	.53	.049	31	21	.76	104	.09	9	1.20	.02	.19	1	3
87+00E 90+00N	1	13	8	44	.1	12	4	393	.98	2	5	ND	1	478	.6	2	2	20	2.27	.082	22	17	1.20	143	.06	14	.91	.07	.14	1	4
87+00E 89+75N	1	9	11	37	.3	24	6	248	1.35	3	5	ND	4	78	.5	2	2	25	.30	.026	20	23	.35	83	.10	4	1.12	.02	.14	1	4
87+00E 89+50N	1	14	8	64	.1	28	6	443	1.50	3	5	ND	4	156	.7	2	2	29	.57	.055	29	25	.52	136	.10	8	1.24	.02	.23	1	2
87+00E 89+25N	1	15	9	47	.1	37	7	408	1.71	2	5	ND	4	101	.5	2	2	28	.50	.042	29	28	.40	128	.11	3	1.47	.02	.19	1	3
87+00E 89+00N	1	19	15	56	.2	45	8	630	1.39	7	5	ND	1	100	.7	2	2	25	.57	.131	21	29	.35	198	.09	4	1.46	.02	.10	1	3
87+00E 88+75N	1	18	6	58	.1	37	7	718	1.33	5	5	ND	1	78	.6	2	2	25	.66	.122	16	24	.31	209	.09	3	1.50	.02	.10	1	1
87+00E 88+50N	1	18	10	55	.2	44	8	637	1.63	7	5	ND	1	66	.5	2	2	28	.50	.077	22	30	.38	179	.09	3	1.65	.02	.10	1	1
87+00E 88+25N	1	20	5	48	.2	31	7	675	1.47	6	5	ND	1	63	.2	2	2	26	.58	.094	17	21	.29	205	.09	3	1.93	.02	.09	1	1
87+00E 88+00N	1	19	4	63	.2	27	5	661	1.25	5	5	ND	1	70	.6	2	2	22	.72	.085	16	20	.26	186	.08	5	1.41	.02	.10	1	3
STANDARD C/AU-S	17	58	42	131	6.8	68	30	1048	3.82	40	20	7	37	47	19.2	15	17	58	.50	.087	38	55	.89	174	.08	36	1.94	.06	.14	11	51

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	Au* ppb
87+00E 87+75N	1	14	2	41	.1	19	4	546	1.06	6	5	ND	1	58	.4	2	2	21	.57	.098	12	16	.21	157	.07	4	1.25	.02	.08	1	5
87+00E 87+50N	1	17	8	58	.3	101	10	598	1.49	3	5	ND	1	110	.3	2	4	24	.78	.093	18	33	.50	176	.08	7	1.53	.02	.12	1	9
87+00E 87+25N	1	20	7	50	.2	17	7	965	1.61	8	5	ND	1	33	.5	2	5	23	.54	.077	15	11	.21	144	.06	5	1.38	.02	.07	1	1
87+00E 87+00N	1	19	6	59	.1	28	6	775	1.44	5	5	ND	1	62	.6	2	4	28	.71	.076	19	19	.28	217	.08	5	1.48	.02	.14	1	3
87+00E 86+75N	1	16	2	49	.1	22	5	495	1.16	5	5	ND	1	76	.4	2	4	21	.60	.081	16	17	.22	188	.08	5	1.40	.02	.13	1	2
87+00E 86+50N	1	15	15	62	.2	17	5	602	1.20	6	5	ND	1	44	1.1	2	3	22	.40	.103	14	13	.21	137	.08	3	1.42	.02	.11	1	1
87+00E 86+25N	1	15	10	51	.2	11	4	565	1.06	5	5	ND	1	42	.4	2	2	21	.45	.088	10	10	.16	125	.08	3	1.29	.02	.07	1	4
87+00E 86+00N	1	19	27	72	.1	11	5	697	1.35	2	5	ND	1	47	.7	2	2	23	.45	.091	13	10	.18	160	.08	2	1.80	.02	.09	2	3
87+00E 85+75N	1	17	6	64	.1	10	4	806	1.14	15	5	ND	1	40	.8	2	2	22	.63	.101	8	11	.17	163	.07	3	1.25	.02	.09	1	4
87+00E 85+50N	1	22	10	82	.2	8	4	922	1.35	6	5	ND	1	43	.6	2	2	21	.60	.098	9	9	.18	151	.07	4	1.32	.02	.08	1	1
87+00E 85+25N	1	16	3	59	.2	11	5	705	1.24	2	5	ND	1	67	.2	2	5	19	.59	.074	13	9	.17	218	.07	3	1.52	.02	.08	1	2
87+00E 85+00N	1	13	7	73	.3	8	7	1023	1.64	2	5	ND	1	46	.4	2	2	21	.66	.073	12	5	.20	188	.07	5	1.69	.02	.11	1	1
87+00E 84+75N	1	16	12	68	.2	10	5	872	1.45	6	5	ND	1	41	.3	2	2	24	.49	.088	13	9	.24	143	.08	2	1.59	.02	.10	1	4
87+00E 84+50N	1	18	7	53	.1	15	7	835	1.59	4	5	ND	1	58	.4	2	2	22	.64	.072	17	10	.21	185	.06	2	1.32	.02	.10	1	1
87+00E 84+25N	1	19	9	89	.2	12	6	975	1.33	5	5	ND	1	55	.7	2	2	22	.91	.110	9	11	.15	187	.05	2	.98	.02	.08	1	3
87+00E 84+00N	1	18	6	58	.3	12	5	754	1.39	6	5	ND	1	41	.4	2	4	25	.44	.082	14	9	.18	187	.09	6	1.59	.02	.10	1	1
87+00E 83+75N	1	18	5	73	.2	12	7	830	1.44	10	5	ND	1	57	.5	2	3	23	.54	.094	16	10	.19	206	.08	3	1.59	.02	.10	1	1
87+00E 83+50N	1	17	7	58	.1	10	5	649	1.45	3	5	ND	1	48	.4	2	2	26	.50	.084	16	10	.21	182	.09	4	1.78	.02	.11	1	2
87+00E 83+25N	1	20	8	72	.1	17	9	1071	2.17	5	5	ND	1	44	.9	2	2	30	.60	.084	18	16	.29	157	.07	7	1.46	.02	.16	1	2
87+00E 83+00N	1	29	9	61	.2	26	10	1009	2.29	4	5	ND	3	46	.3	2	2	37	.44	.069	25	17	.33	202	.10	3	1.79	.02	.17	1	2
88+00E 100+00N	1	22	8	80	.2	13	6	547	1.44	4	5	ND	1	115	.6	2	3	31	.56	.148	33	19	.22	150	.10	6	1.51	.02	.20	1	4
88+00E 99+75N	1	18	11	64	.2	9	5	480	1.44	3	5	ND	2	115	.7	2	2	30	.54	.111	33	13	.22	173	.11	3	1.77	.02	.17	1	6
88+00E 99+50N	1	17	9	55	.2	9	5	480	1.41	3	5	ND	1	115	.5	2	2	28	.50	.080	32	12	.21	163	.11	2	1.85	.02	.14	1	1
88+00E 99+25N	1	26	18	67	.1	12	7	494	1.77	8	5	ND	6	182	.7	2	6	39	.67	.121	51	20	.38	141	.12	4	1.58	.02	.29	1	4
88+00E 99+00N	1	29	9	60	.3	12	6	454	1.50	2	5	ND	2	508	.4	2	2	30	1.72	.099	43	15	.37	135	.10	5	1.58	.02	.26	1	1
88+00E 98+75N	1	39	16	73	.3	12	5	305	1.14	7	5	ND	1	643	.9	2	2	29	2.14	.102	37	16	.38	89	.07	6	1.41	.05	.13	1	1
88+00E 98+50N	1	18	7	82	.1	2	3	421	.76	2	5	ND	1	455	.2	2	2	17	1.10	.100	40	5	.16	61	.05	4	.60	.02	.07	1	4
88+00E 98+25N	1	33	10	57	.2	10	5	285	1.26	2	5	ND	1	488	.4	2	2	27	1.10	.083	36	12	.39	79	.09	2	1.49	.06	.12	1	1
88+00E 98+00N	1	23	5	47	.1	6	3	280	.78	2	5	ND	1	341	.2	2	2	18	.83	.096	17	7	.18	90	.06	6	.89	.03	.12	1	1
88+00E 97+75N	1	29	27	77	.3	8	5	411	1.22	7	5	ND	2	636	.8	2	2	24	1.59	.097	29	11	.36	112	.08	6	1.32	.08	.11	1	2
88+00E 97+50N	1	23	10	86	.2	7	4	443	1.10	3	5	ND	1	306	.2	2	2	22	.73	.109	24	10	.27	105	.09	4	1.40	.03	.13	1	3
88+00E 97+25N	1	22	9	71	.3	15	6	456	1.67	5	5	ND	2	219	1.0	2	2	34	.55	.105	39	18	.32	167	.13	2	2.33	.03	.12	1	3
88+00E 97+00N	1	19	12	63	.2	11	6	536	1.44	3	5	ND	2	162	.2	2	3	29	.54	.135	29	11	.25	178	.12	2	2.03	.02	.15	1	1
88+00E 96+75N	1	19	9	60	.2	10	6	505	1.45	2	5	ND	4	131	.7	2	2	30	.55	.102	31	14	.25	189	.12	2	2.12	.02	.17	1	1
88+00E 96+50N	1	12	9	64	.2	8	4	535	1.10	2	5	ND	2	83	.5	2	2	24	.38	.071	18	9	.18	171	.10	6	1.46	.02	.11	1	3
88+00E 96+25N	1	13	5	56	.1	10	5	395	1.53	5	5	ND	5	75	.5	2	2	30	.31	.043	27	14	.25	155	.13	2	2.28	.03	.11	1	5
STANDARD C/AU-S	18	58	36	130	6.8	67	31	1050	3.81	39	16	7	37	47	17.7	15	19	58	.50	.094	37	55	.89	175	.08	34	1.91	.06	.14	13	48

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	Au* ppb
88+00E 96+00N	1	16	15	68	.1	19	7	308	2.60	4	5	ND	7	132	.3	2	2	59	.45	.083	54	26	.36	112	.15	2	2.12	.02	.18	2	2
88+00E 95+75N	1	11	10	32	.1	7	6	431	1.48	2	5	ND	1	305	.3	2	2	28	.85	.057	24	11	.36	88	.06	2	1.35	.03	.11	1	1
88+00E 95+50N	1	12	13	54	.1	35	6	422	1.64	2	5	ND	4	131	.6	2	2	36	.38	.100	33	23	.24	124	.11	2	1.36	.02	.10	1	2
88+00E 95+25N	3	40	8	198	.3	1364	63	1276	3.35	6	5	ND	1	150	.5	2	4	27	.63	.143	7	388	.64	251	.08	4	1.59	.02	.08	1	1
88+00E 95+00N	1	14	11	47	.1	39	5	448	1.32	5	5	ND	1	89	.4	2	5	25	.36	.095	10	16	.22	126	.09	2	1.70	.02	.08	1	2
88+00E 94+75N	1	17	10	55	.1	23	7	671	1.48	3	5	ND	1	75	.5	2	2	25	.33	.047	12	10	.18	225	.09	2	1.87	.02	.10	1	4
88+00E 94+50N	1	12	9	57	.1	21	5	802	1.20	8	5	ND	1	57	.3	2	4	24	.32	.057	10	9	.18	185	.09	3	1.48	.02	.11	1	1
88+00E 94+25N	1	33	18	76	.3	32	7	1328	1.61	6	5	ND	1	86	.6	2	2	33	.59	.083	11	15	.31	242	.04	2	1.53	.02	.10	1	1
88+00E 94+00N	1	13	13	58	.1	43	6	739	1.37	3	5	ND	1	60	.5	2	2	26	.40	.057	15	21	.24	183	.09	2	1.61	.02	.10	1	3
88+00E 93+75N	1	34	11	75	.2	18	6	1421	1.30	7	5	ND	1	44	.7	2	2	28	.41	.084	11	12	.22	175	.05	2	.99	.02	.08	1	2
88+00E 93+50N	1	22	9	68	.1	15	6	1483	1.40	7	5	ND	1	56	.2	2	2	27	.52	.080	12	12	.21	238	.05	2	1.23	.02	.08	1	3
88+00E 93+25N	1	14	7	54	.1	20	6	645	1.56	2	5	ND	1	44	.6	2	2	29	.30	.046	12	12	.24	217	.10	2	1.89	.02	.07	3	2
88+00E 93+00N	1	12	11	41	.1	29	6	628	1.38	2	5	ND	2	50	.2	2	2	27	.38	.048	17	16	.21	197	.11	2	1.80	.02	.10	1	2
88+00E 92+75N	1	20	7	56	.2	55	8	692	1.56	2	5	ND	1	42	.4	2	2	31	.31	.076	15	27	.27	172	.10	2	1.66	.02	.08	1	2
88+00E 92+50N	1	14	8	48	.1	140	21	701	2.05	3	5	ND	1	59	.2	2	3	24	.46	.076	14	93	.51	125	.08	3	1.28	.02	.13	1	3
88+00E 92+25N	1	15	12	48	.1	38	7	541	1.49	5	5	ND	1	64	.4	2	2	27	.50	.060	21	22	.32	195	.11	4	1.98	.02	.12	1	2
88+00E 92+00N	1	15	14	56	.1	57	8	797	1.80	6	5	ND	1	47	.2	2	2	29	.37	.061	18	19	.31	180	.10	2	1.88	.02	.09	1	1
88+00E 91+75N	1	14	19	41	.1	209	17	581	2.04	3	5	ND	4	52	.2	2	2	34	.37	.050	23	80	.75	171	.12	2	1.90	.02	.15	1	2
88+00E 91+50N	4	18	11	55	.2	1712	99	970	4.12	17	5	ND	1	55	.2	2	4	14	.46	.075	5	142	10.26	98	.03	55	.72	.01	.06	1	5
88+00E 91+25N	1	12	9	37	.1	640	44	627	2.24	5	5	ND	1	48	.2	2	2	18	.42	.038	8	141	2.32	105	.05	13	.91	.01	.10	1	2
88+00E 91+00N	1	8	6	22	.1	201	17	351	1.33	5	5	ND	1	57	.2	2	2	18	.28	.031	12	68	1.41	157	.07	7	1.20	.02	.09	1	1
88+00E 90+75N	2	17	7	53	.1	806	71	1328	2.15	26	5	ND	1	46	.2	2	2	18	.35	.095	5	81	4.94	398	.05	42	.93	.02	.06	1	63
88+00E 90+50N	2	16	22	57	.2	1249	86	869	3.88	14	5	ND	1	130	1.2	2	2	24	1.01	.074	10	184	1.49	175	.06	11	.90	.02	.14	1	6
88+00E 90+25N	2	18	13	34	.1	836	46	518	2.98	3	5	ND	1	115	.2	2	2	24	.58	.035	10	345	5.64	102	.06	16	.99	.02	.10	1	1
88+00E 90+00N	1	12	10	28	.1	43	6	254	1.56	3	5	ND	4	118	.2	2	2	28	.33	.028	26	28	.38	107	.10	2	1.31	.02	.15	1	8
88+00E 89+75N	1	16	8	31	.1	27	6	367	1.38	4	5	ND	4	76	.4	2	2	24	.33	.035	28	20	.37	112	.09	3	1.26	.02	.16	1	3
88+00E 89+50N	1	15	9	46	.1	23	5	498	1.21	3	5	ND	2	90	.3	2	2	25	.45	.098	23	17	.25	148	.08	2	1.12	.02	.09	2	3
88+00E 89+25N	1	22	22	57	.6	44	8	441	1.64	6	5	ND	3	73	.4	2	2	32	.43	.081	31	31	.36	140	.11	2	1.74	.02	.09	1	2
88+00E 89+00N	1	14	12	44	.1	50	7	544	1.34	8	5	ND	2	60	.3	2	2	25	.43	.063	15	29	.29	137	.09	4	1.37	.02	.07	2	1
88+00E 88+75N	1	16	8	53	.1	19	4	664	1.06	6	5	ND	1	47	.2	2	2	17	.46	.079	9	12	.17	143	.08	2	1.39	.02	.06	1	1
88+00E 88+50N	1	17	8	75	.1	8	4	1006	1.00	4	5	ND	1	40	.2	2	2	18	.59	.095	7	8	.18	150	.06	2	.97	.02	.07	1	1
88+00E 88+25N	1	21	16	47	.1	94	10	892	1.23	6	5	ND	1	50	.2	2	2	17	.70	.060	8	29	.23	123	.05	3	.97	.02	.12	1	5
88+00E 88+00N	1	20	10	55	.1	29	5	683	1.15	2	5	ND	1	68	.5	2	2	18	.66	.069	13	15	.23	163	.06	3	1.24	.02	.10	1	2
88+00E 87+75N	1	16	13	48	.1	21	6	625	1.26	6	5	ND	1	55	.5	2	2	21	.51	.071	13	14	.22	156	.07	4	1.37	.02	.10	1	1
88+00E 87+50N	1	23	5	69	.1	24	7	877	1.47	3	5	ND	1	36	.2	2	2	22	.57	.077	16	15	.23	155	.06	2	1.53	.02	.11	1	1
88+00E 87+25N	1	15	11	48	.1	32	6	617	1.32	3	5	ND	1	38	.2	2	2	24	.50	.063	18	20	.30	118	.06	2	1.18	.02	.07	1	1
STANDARD C/AU-S	18	58	42	130	6.8	67	31	1053	3.92	37	21	6	37	47	17.9	15	22	58	.49	.089	38	55	.88	175	.08	37	1.92	.06	.13	12	49

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	Au* ppb
88+00E 87+00N	1	16	9	37	.1	33	6	656	1.17	3	5	ND	1	46	.4	2	2	20	.48	.076	16	24	.28	135	.07	2	1.23	.02	.07	2	1
88+00E 86+75N	1	20	10	55	.1	17	6	1070	1.12	6	5	ND	1	46	.4	2	2	19	.72	.082	12	16	.20	183	.05	3	1.00	.02	.07	2	2
88+00E 86+50N	1	17	5	42	.2	28	6	677	1.22	8	5	ND	1	48	.4	2	2	22	.56	.087	17	20	.28	185	.07	2	1.39	.02	.13	1	2
88+00E 86+25N	1	17	10	43	.2	13	5	938	1.40	5	5	ND	1	32	.4	2	2	23	.39	.044	17	12	.20	220	.08	2	1.61	.02	.08	1	2
88+00E 86+00N	1	21	4	54	.2	28	7	841	1.64	10	5	ND	1	46	.5	2	2	28	.45	.079	23	25	.28	186	.10	3	1.82	.02	.11	1	4
88+00E 85+75N	1	29	13	57	.2	16	7	1502	1.98	12	5	ND	1	33	.6	2	3	32	.45	.076	22	13	.28	193	.08	2	1.80	.02	.10	1	1
88+00E 85+50N	1	20	19	61	.1	21	5	552	1.05	8	5	ND	1	75	.8	2	2	19	.64	.111	14	16	.25	174	.06	4	1.39	.02	.08	1	1
88+00E 85+25N	1	18	11	66	.1	25	4	512	.95	10	5	ND	1	84	.5	2	2	17	.73	.115	12	20	.27	173	.05	3	1.07	.01	.13	1	1
88+00E 85+00N	1	16	9	47	.1	36	6	533	1.17	6	5	ND	1	75	.5	2	2	21	.61	.084	18	27	.33	187	.06	2	1.28	.02	.13	1	2
88+00E 84+75N	1	15	4	57	.1	9	4	592	.86	8	5	ND	1	50	.4	2	2	15	.47	.119	10	9	.16	175	.05	2	1.19	.01	.13	2	1
88+00E 84+50N	1	14	5	42	.1	10	5	555	1.09	7	5	ND	1	47	.3	2	2	20	.43	.077	13	10	.16	165	.07	2	1.45	.02	.09	1	3
88+00E 84+25N	1	16	8	54	.1	9	5	678	1.24	10	5	ND	1	47	.4	2	2	21	.54	.088	13	9	.21	184	.07	2	1.57	.02	.13	1	1
88+00E 84+00N	1	17	8	55	.2	14	7	763	1.82	7	5	ND	2	43	.6	2	2	31	.45	.081	24	16	.30	171	.09	3	1.74	.01	.16	1	1
88+00E 83+75N	1	23	2	57	.2	21	8	963	1.77	9	5	ND	1	54	.8	2	2	27	.62	.086	20	20	.28	194	.08	4	1.56	.01	.17	1	4
88+00E 83+50N	1	29	14	58	.2	30	9	1362	2.07	8	5	ND	1	33	.5	2	4	34	.52	.083	16	20	.34	189	.08	3	1.80	.02	.12	1	1
88+00E 83+25N	1	17	10	53	.2	13	6	769	1.50	6	5	ND	1	35	.6	2	2	26	.40	.062	19	12	.23	161	.09	3	1.56	.01	.13	1	1
88+00E 83+00N	1	22	6	53	.2	17	7	832	1.68	5	5	ND	1	53	.6	2	2	28	.62	.092	19	15	.30	209	.08	3	1.43	.01	.18	1	3
89+00E 100+00N	1	19	8	54	.1	10	5	486	1.37	4	5	ND	1	147	.2	2	2	28	.65	.109	36	18	.28	153	.09	2	1.57	.02	.16	1	1
89+00E 99+75N	1	18	9	50	.2	10	5	446	1.37	4	5	ND	1	139	.4	2	2	29	.65	.106	43	14	.24	142	.09	2	1.46	.02	.12	2	1
89+00E 99+50N	1	18	10	50	.2	9	5	441	1.42	6	5	ND	1	148	.5	2	2	31	.64	.105	44	14	.23	157	.09	2	1.58	.02	.14	1	1
89+00E 99+25N	1	19	7	57	.1	9	5	445	1.44	6	5	ND	1	153	.6	2	2	32	.70	.103	40	16	.25	170	.10	2	1.72	.02	.18	1	2
89+00E 99+00N	1	24	8	58	.3	9	5	454	1.42	7	5	ND	2	290	.6	2	2	33	.92	.118	43	15	.27	137	.08	5	1.26	.02	.19	1	1
89+00E 98+75N	1	25	10	69	.2	8	4	373	1.07	3	5	ND	1	307	.6	2	2	23	.96	.096	35	12	.24	132	.07	4	1.42	.02	.15	1	1
89+00E 98+50N	1	20	10	63	.2	7	3	324	.96	5	5	ND	1	351	.6	2	2	20	.82	.092	27	10	.26	117	.07	3	1.27	.02	.16	1	1
89+00E 98+25N	1	22	9	93	.2	7	3	401	.96	3	5	ND	1	282	.6	2	2	19	.87	.107	47	8	.17	156	.06	2	1.15	.01	.11	1	1
89+00E 98+00N	1	17	11	77	.2	8	4	324	1.20	4	5	ND	1	127	.8	2	4	23	.60	.076	49	8	.18	127	.08	2	1.53	.02	.14	1	1
89+00E 97+75N	1	18	16	69	.1	8	4	426	1.22	5	5	ND	1	172	.8	2	2	26	.67	.102	41	12	.22	150	.08	3	1.54	.02	.15	1	1
89+00E 97+50N	1	20	13	70	.1	10	5	437	1.50	5	5	ND	2	187	.7	2	2	31	.60	.083	52	14	.24	122	.09	2	1.67	.02	.14	1	1
89+00E 97+25N	1	21	8	59	.2	10	5	493	1.01	4	5	ND	2	177	.7	2	2	21	.59	.094	29	10	.16	111	.07	2	1.12	.01	.13	1	1
89+00E 97+00N	1	24	8	110	.1	8	4	989	.89	6	5	ND	2	394	.6	2	2	18	1.36	.160	24	10	.16	207	.07	10	1.11	.01	.21	1	1
89+00E 96+75N	1	29	14	69	.2	13	6	520	1.25	7	5	ND	3	249	.4	2	2	25	.68	.136	40	12	.22	157	.09	2	1.46	.01	.15	1	1
89+00E 96+50N	1	25	12	71	.2	15	6	579	1.38	6	5	ND	4	190	.7	2	2	27	.61	.086	39	13	.23	151	.09	3	1.56	.02	.13	1	2
89+00E 96+25N	1	20	8	67	.3	18	6	523	1.38	11	5	ND	4	161	.7	2	2	28	.62	.104	39	16	.23	155	.10	4	1.57	.01	.15	1	11
89+00E 96+00N	1	14	12	68	.2	13	5	675	1.09	7	5	ND	2	145	.8	2	2	22	.52	.086	27	12	.18	152	.08	3	1.23	.01	.11	1	1
89+00E 95+75N	1	17	14	45	.2	14	5	424	1.25	8	5	ND	3	157	.4	2	2	25	.50	.074	38	13	.21	135	.09	2	1.61	.02	.12	1	1
89+00E 95+50N	1	16	12	47	.1	16	5	403	1.45	5	5	ND	4	128	.3	2	4	29	.43	.061	42	16	.24	126	.09	2	1.50	.02	.12	1	1
STANDARD C/AU-S	17	58	42	128	6.8	67	31	1055	3.73	37	18	7	36	47	19.1	15	21	58	.50	.099	37	55	.88	175	.08	36	1.92	.06	.14	12	50

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	Au* ppb
89+00E 95+25N	1	12	11	42	.2	12	4	298	1.36	3	5	ND	4	186	.5	2	2	22	.44	.028	36	14	.24	82	.07	3	1.12	.01	.12	1	2
89+00E 95+00N	1	13	11	49	.2	7	6	281	2.02	5	5	ND	2	237	.8	2	4	43	.51	.067	21	20	.53	55	.10	4	.98	.02	.15	1	1
89+00E 94+50N	1	9	2	32	.2	4	4	167	.87	2	5	ND	1	4127	.6	4	2	19	15.75	.065	7	12	1.87	67	.05	3	.37	.06	.03	1	1
89+00E 94+25N	1	16	12	73	.3	10	14	808	3.53	6	5	ND	1	255	.9	2	3	77	.89	.117	30	27	.93	89	.20	2	1.72	.02	.19	1	1
89+00E 94+00N	1	15	15	63	.3	21	12	600	3.02	9	5	ND	3	76	1.0	2	2	64	.48	.096	39	26	.75	103	.19	2	1.72	.02	.17	1	2
89+00E 93+75N	1	20	6	62	.3	12	13	1285	2.89	7	5	ND	2	54	1.0	2	3	62	.57	.128	35	31	.94	91	.12	2	1.72	.02	.15	1	1
89+00E 93+50N	1	23	11	77	.3	13	16	943	3.73	9	5	ND	4	96	.6	2	2	75	.79	.158	47	28	1.29	117	.16	2	1.60	.02	.20	1	1
89+00E 93+25N	1	11	11	44	.1	13	5	582	1.28	4	5	ND	2	63	.8	2	2	25	.31	.050	20	13	.28	128	.08	2	1.23	.01	.09	1	1
89+00E 93+00N	1	12	10	46	.2	25	5	465	1.32	3	5	ND	2	52	.6	2	2	26	.26	.081	19	16	.23	132	.09	2	1.62	.01	.08	1	1
89+00E 92+75N	1	14	7	52	.2	20	6	624	1.36	8	5	ND	1	58	.6	2	2	27	.37	.093	19	15	.26	145	.09	2	1.61	.01	.10	1	1
89+00E 92+50N	1	16	11	47	.2	30	6	469	1.45	7	5	ND	2	82	.4	2	2	29	.42	.095	32	20	.27	150	.08	2	1.25	.01	.15	1	1
89+00E 92+25N	1	18	14	64	.2	24	6	571	1.32	9	5	ND	1	66	.6	2	2	26	.44	.107	24	16	.22	150	.08	3	1.37	.01	.16	1	2
89+00E 92+00N	1	18	7	44	.2	20	5	493	1.30	5	5	ND	1	71	.4	2	2	23	.43	.095	20	14	.21	151	.08	2	1.41	.01	.12	1	2
89+00E 91+75N	1	15	12	46	.2	21	5	544	1.22	4	5	ND	1	65	.7	2	2	22	.41	.059	16	11	.19	153	.08	2	1.46	.01	.09	1	3
89+00E 91+50N	1	19	15	47	.1	31	8	683	1.44	7	5	ND	1	65	.4	2	3	25	.44	.054	22	15	.23	165	.08	2	1.37	.01	.14	1	1
89+00E 91+25N	1	18	9	41	.1	42	8	581	1.35	4	5	ND	1	74	.5	2	2	23	.44	.069	24	19	.29	174	.07	2	1.19	.01	.14	1	1
89+00E 91+00N	1	13	8	42	.1	171	17	556	1.38	5	5	ND	1	55	.2	2	5	18	.40	.079	11	54	.80	184	.06	5	1.16	.01	.08	1	2
89+00E 90+75N	1	24	7	66	.1	412	55	887	2.78	7	5	ND	1	94	.7	2	3	19	.67	.082	9	82	.57	97	.06	4	.89	.01	.11	1	1
89+00E 90+50N	1	16	15	48	.1	216	23	674	1.94	16	5	ND	1	61	.4	2	2	25	.35	.064	21	46	.46	144	.08	3	1.28	.01	.15	1	3
89+00E 90+25N	1	18	19	69	.2	31	7	619	1.38	7	5	ND	1	197	.8	2	2	25	.59	.083	25	14	.28	191	.08	3	1.65	.01	.14	1	3
89+00E 90+00N	1	23	24	58	.3	28	8	745	1.57	11	5	ND	1	113	.6	2	2	28	.49	.072	46	17	.32	168	.07	3	1.57	.01	.14	1	5
89+00E 89+75N	1	21	12	78	.2	23	7	628	1.39	8	5	ND	1	260	.4	2	2	25	.81	.087	33	15	.35	171	.07	6	1.54	.02	.13	1	1
89+00E 89+50N	1	17	11	48	.2	15	6	522	1.17	6	5	ND	1	145	.9	2	2	22	.57	.056	28	10	.21	165	.09	2	1.64	.02	.11	1	1
89+00E 89+25N	1	13	6	31	.1	20	4	474	1.02	6	5	ND	1	61	.2	2	2	15	.47	.045	8	6	.18	149	.06	2	1.04	.01	.05	1	1
89+00E 89+00N	1	17	11	45	.3	32	6	735	1.49	7	5	ND	1	59	.5	2	2	21	.56	.046	11	10	.22	201	.08	4	1.54	.02	.08	1	1
89+00E 88+75N	1	19	9	48	.1	24	6	847	1.43	5	5	ND	1	49	.5	2	3	20	.49	.049	11	14	.24	199	.06	2	1.26	.01	.06	1	1
89+00E 88+50N	1	15	10	53	.2	36	8	877	1.78	6	5	ND	1	59	.5	2	4	23	.58	.050	16	15	.27	240	.08	2	1.53	.01	.10	1	2
89+00E 88+25N	1	41	27	73	.3	56	10	1095	2.25	11	5	ND	1	50	.9	2	2	20	.63	.064	13	14	.33	155	.04	3	1.05	.01	.13	1	3
89+00E 88+00N	1	21	44	100	.5	285	18	903	3.11	66	5	ND	1	49	.8	4	4	22	.78	.062	9	45	.79	134	.02	3	1.13	.01	.14	1	3
89+00E 87+75N	1	15	15	54	.4	55	7	478	1.38	10	5	ND	1	63	.5	2	2	24	.47	.075	23	22	.33	143	.06	2	1.11	.01	.10	1	1
89+00E 87+50N	1	15	10	54	.2	39	7	525	1.53	10	5	ND	1	62	.5	2	4	28	.47	.071	25	25	.35	174	.09	5	1.52	.01	.11	1	1
89+00E 87+25N	1	18	6	50	.3	55	8	619	1.73	13	5	ND	1	44	.7	2	2	29	.36	.068	26	30	.39	133	.08	3	1.24	.01	.11	1	2
89+00E 87+00N	1	23	6	63	.3	69	11	1410	2.28	35	5	ND	1	41	.4	2	2	24	.58	.067	14	16	.23	186	.06	2	1.21	.01	.10	1	2
89+00E 86+75N	1	29	12	66	.5	36	9	1138	2.35	17	5	ND	1	47	.6	2	2	25	.51	.067	18	14	.27	167	.06	2	1.32	.01	.13	1	5
89+00E 86+50N	1	22	13	62	.2	16	6	832	1.49	13	5	ND	1	83	.5	2	3	18	.80	.065	11	6	.20	183	.05	4	1.12	.01	.12	1	1
89+00E 86+25N	1	21	23	81	.2	9	4	719	1.11	18	5	ND	1	55	.6	2	2	14	.54	.052	8	5	.12	181	.05	2	1.01	.01	.08	1	3
STANDARD C/AU-S	18	58	38	129	6.7	67	30	1049	3.81	39	19	6	36	47	19.1	15	23	58	.50	.089	37	56	.88	175	.08	35	1.90	.06	.14	11	55

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	Au* ppb
89+00E 86+00N	1	21	5	81	.4	6	4	1112	.96	11	5	ND	1	51	.8	2	2	17	.74	.108	6	5	.15	218	.05	6	.95	.01	.08	1	3
89+00E 85+75N	1	26	11	77	.2	23	6	1060	1.38	13	5	ND	1	55	.9	2	2	24	.71	.126	11	15	.22	304	.08	3	1.53	.01	.08	1	1
89+00E 85+50N	1	1	2	1	.1	2	1	40	.04	2	5	ND	1	2	.2	2	2	1	.03	.004	2	1	.01	11	.01	2	.05	.01	.01	1	2
89+00E 85+25N	1	17	6	51	.2	15	6	1039	1.53	11	5	ND	1	40	.5	2	2	23	.62	.101	12	12	.21	205	.07	2	1.36	.01	.09	1	2
89+00E 85+00N	1	22	4	52	.2	5	5	973	1.73	5	5	ND	1	26	.4	2	2	21	.47	.080	9	4	.18	177	.05	2	1.12	.01	.09	1	1
89+00E 84+75N	1	18	9	55	.3	8	7	1373	2.11	7	5	ND	1	32	.2	2	2	24	.60	.077	11	5	.23	161	.05	3	1.27	.01	.09	1	1
89+00E 84+50N	1	15	10	61	.3	14	7	906	2.02	8	5	ND	1	33	.5	2	3	27	.40	.065	17	10	.24	185	.07	2	1.52	.01	.13	1	1
89+00E 84+25N	1	17	8	46	.2	12	6	692	1.58	6	5	ND	1	43	.6	2	2	26	.42	.068	17	10	.24	178	.09	3	1.75	.02	.14	1	1
89+00E 84+00N	1	21	7	57	.3	14	7	1006	1.96	6	5	ND	1	43	.4	2	2	27	.59	.078	17	11	.36	163	.06	2	1.49	.01	.15	1	2
89+00E 83+75N	1	21	11	65	.4	16	10	979	2.49	8	5	ND	2	31	.6	2	2	31	.53	.083	19	12	.41	151	.06	6	1.69	.01	.14	1	3
89+00E 83+50N	1	22	12	55	.2	23	8	803	1.97	8	5	ND	1	44	.4	2	2	28	.45	.073	20	15	.36	161	.07	5	1.38	.01	.17	1	1
89+00E 83+25N	1	21	11	53	.2	19	8	781	1.87	7	5	ND	1	53	.7	2	2	27	.47	.079	20	15	.27	180	.07	2	1.35	.01	.16	1	1
89+00E 83+00N	1	22	9	54	.3	16	6	762	1.52	7	5	ND	1	78	.4	2	2	24	.63	.095	20	11	.25	198	.07	2	1.41	.01	.15	1	1
90+00E 100+00N	1	17	11	76	.2	5	4	528	1.04	2	5	ND	1	76	.5	2	3	19	.34	.104	33	6	.15	135	.08	2	1.47	.01	.12	1	1
90+00E 99+75N	1	14	4	113	.2	3	3	781	.88	4	5	ND	1	147	.5	2	2	18	.58	.156	26	5	.12	233	.07	2	.92	.01	.13	1	1
90+00E 99+50N	1	18	13	110	.2	4	4	524	1.23	5	5	ND	8	121	.5	2	2	20	.63	.090	75	7	.16	156	.05	2	1.33	.01	.11	1	2
90+00E 99+25N	1	14	10	64	.3	4	3	376	1.16	4	5	ND	3	78	.5	2	2	20	.42	.072	41	4	.15	141	.08	2	1.57	.01	.13	1	1
90+00E 99+00N	1	21	10	72	.2	7	4	381	1.12	5	5	ND	1	230	1.0	2	2	20	.73	.073	39	6	.17	113	.08	2	1.60	.02	.11	1	2
90+00E 98+75N	1	17	6	74	.2	5	4	335	1.07	5	5	ND	1	179	.9	2	2	19	.56	.090	35	5	.15	135	.08	2	1.46	.02	.11	1	2
90+00E 98+50N	1	15	12	60	.1	6	4	340	1.05	4	5	ND	1	104	.6	2	3	19	.45	.056	48	5	.13	110	.07	2	1.27	.02	.09	1	1
90+00E 98+25N	1	15	7	81	.2	6	4	397	1.01	4	5	ND	1	150	.7	2	2	17	.61	.065	38	5	.16	139	.07	2	1.39	.01	.13	2	2
90+00E 98+00N	1	22	6	70	.1	6	3	384	.90	2	5	ND	1	195	.6	2	2	17	.85	.132	65	6	.16	87	.05	2	.93	.01	.09	1	1
90+00E 97+75N	1	17	11	56	.2	5	3	384	1.01	4	5	ND	1	244	.5	2	2	18	.70	.096	36	5	.16	116	.07	2	1.26	.01	.13	1	1
90+00E 97+50N	1	22	9	56	.3	8	4	401	1.12	4	5	ND	1	259	.6	2	2	24	.82	.101	39	9	.20	100	.06	2	1.09	.01	.14	1	2
90+00E 97+25N	1	22	18	68	.3	12	6	482	1.74	8	5	ND	6	124	.4	2	2	36	.54	.111	66	16	.31	119	.10	2	1.66	.01	.20	1	1
90+00E 97+00N	1	19	16	81	.1	7	5	431	1.47	6	5	ND	5	106	.6	2	2	28	.51	.078	53	11	.22	83	.08	2	1.25	.01	.15	1	1
90+00E 96+75N	1	21	9	74	.1	9	5	443	1.43	2	5	ND	3	153	.3	2	2	25	.57	.084	51	11	.25	133	.08	2	1.49	.01	.19	1	5
90+00E 96+50N	1	17	11	56	.1	8	5	383	1.19	4	5	ND	2	148	.5	2	4	22	.59	.099	40	9	.19	149	.08	2	1.52	.02	.16	1	1
90+00E 96+25N	1	16	19	82	.1	8	4	421	1.23	5	5	ND	1	296	.6	2	2	24	.93	.097	36	10	.26	122	.07	6	1.32	.02	.17	1	1
90+00E 96+00N	1	18	9	53	.2	7	4	420	1.00	4	5	ND	1	246	.4	2	2	18	.71	.093	27	7	.17	152	.06	2	1.33	.02	.11	2	1
90+00E 95+75N	1	18	10	49	.2	8	4	440	.93	3	5	ND	1	184	.6	2	3	16	.71	.104	25	7	.17	150	.06	2	1.37	.02	.08	2	2
90+00E 95+50N	1	19	6	51	.1	9	5	492	1.17	4	5	ND	1	139	.7	2	2	21	.63	.101	34	9	.21	162	.08	2	1.65	.02	.09	2	3
90+00E 95+25N	1	18	7	59	.1	9	5	524	1.13	4	5	ND	1	193	.6	2	2	21	.78	.121	30	9	.21	201	.07	2	1.41	.01	.13	1	1
90+00E 95+00N	1	21	11	78	.3	7	6	550	1.12	9	5	ND	1	188	.7	2	2	22	.84	.105	27	11	.28	141	.07	4	.98	.01	.14	1	1
90+00E 94+75N	1	27	15	83	.1	9	8	718	1.54	5	5	ND	2	177	.6	2	2	31	.83	.108	40	13	.38	136	.09	2	1.25	.02	.15	1	1
90+00E 94+50N	1	19	11	54	.2	9	6	471	1.25	3	5	ND	1	128	.2	2	3	23	.57	.072	31	9	.32	114	.08	2	1.32	.02	.13	1	1
STANDARD C/AU-S	18	58	37	129	6.9	68	31	1055	3.88	37	18	7	36	47	18.6	16	20	59	.51	.094	38	55	.90	175	.08	35	1.94	.06	.13	12	47

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	Au* ppb
90+00E 94+25N	1	18	14	68	.2	8	5	518	1.15	5	5	ND	1	133	1.1	2	2	23	.56	.087	26	10	.25	119	.08	2	1.22	.01	.10	1	3
90+00E 94+00N	1	17	7	51	.2	13	5	441	1.25	7	5	ND	2	104	.6	2	3	24	.44	.085	28	13	.22	119	.08	2	1.32	.01	.10	2	2
90+00E 93+75N	1	20	7	64	.3	12	5	511	1.17	5	5	ND	1	143	.4	2	5	22	.61	.114	31	12	.21	136	.07	2	1.14	.01	.13	1	2
90+00E 93+50N	1	19	11	61	.2	12	5	528	1.15	9	5	ND	1	118	.7	2	2	22	.52	.093	31	10	.19	142	.08	2	1.40	.01	.11	1	1
90+00E 93+25N	1	17	13	58	.1	10	6	535	1.25	2	5	ND	4	143	.6	2	2	23	.53	.076	37	11	.22	163	.08	5	1.48	.01	.21	1	2
90+00E 93+00N	1	17	3	66	.2	7	4	604	.87	5	5	ND	1	140	.5	2	2	17	.59	.159	22	8	.15	176	.07	4	1.00	.01	.11	1	3
90+00E 92+75N	1	15	11	53	.2	6	4	417	1.07	2	5	ND	2	122	.7	2	3	19	.48	.090	27	8	.17	141	.08	3	1.28	.01	.14	1	1
90+00E 92+50N	1	16	10	52	.2	5	3	344	.91	6	5	ND	1	168	.6	2	2	19	.40	.072	27	8	.15	106	.06	2	1.09	.01	.10	2	1
90+00E 92+25N	1	18	9	50	.2	13	5	502	1.13	4	5	ND	1	238	.6	2	2	22	.56	.101	28	11	.18	138	.08	2	1.49	.02	.10	1	2
90+00E 92+00N	1	16	9	41	.2	9	4	409	.96	6	5	ND	1	252	.5	2	3	18	.67	.083	26	7	.18	132	.06	2	1.09	.01	.10	1	1
90+00E 91+75N	1	17	9	37	.1	11	5	333	1.09	4	5	ND	1	379	.8	2	2	21	.80	.049	28	11	.25	114	.07	2	1.30	.03	.11	1	1
90+00E 91+50N	1	16	2	36	.1	9	3	175	.94	2	5	ND	1	538	.3	2	2	18	.96	.041	15	12	.29	72	.06	5	1.08	.03	.09	1	1
90+00E 91+25N	1	16	2	42	.1	22	6	361	1.36	2	5	ND	1	299	.2	2	2	27	.70	.078	19	19	.33	115	.08	3	1.32	.02	.15	1	1
90+00E 91+00N	1	15	8	40	.2	21	6	504	1.40	6	5	ND	2	122	.5	2	2	27	.42	.069	22	13	.26	134	.09	2	1.73	.02	.11	2	1
90+00E 90+75N	1	61	8	70	.2	18	12	974	2.12	7	5	ND	2	129	.5	2	2	47	.64	.108	36	25	.51	119	.07	2	1.67	.01	.16	1	1
90+00E 90+50N	1	21	9	52	.2	25	12	910	2.31	4	5	ND	2	97	.2	2	2	52	.45	.073	31	33	.53	120	.09	2	2.00	.02	.13	1	1
90+00E 90+25N	1	21	10	66	.2	10	13	1114	2.98	6	5	ND	1	135	.4	2	2	73	.66	.130	35	39	.79	98	.07	2	1.41	.02	.12	1	1
90+00E 90+00N	1	24	6	53	.1	5	5	1121	1.05	4	5	ND	1	202	.6	2	2	23	.71	.125	13	10	.21	153	.04	2	.80	.02	.06	1	1
90+00E 89+75N	1	15	3	46	.1	12	5	495	1.24	3	5	ND	1	152	.7	2	2	21	.44	.077	28	11	.21	151	.07	2	1.38	.01	.14	1	1
90+00E 89+50N	1	14	9	54	.1	11	5	473	1.15	3	5	ND	1	110	.7	2	2	21	.48	.074	23	8	.20	166	.08	3	1.47	.01	.12	1	1
90+00E 89+25N	1	16	9	47	.1	14	5	561	1.09	5	5	ND	1	101	.6	2	2	20	.54	.070	22	9	.18	144	.07	2	1.24	.01	.12	1	3
90+00E 89+00N	1	16	11	37	.1	14	5	564	1.12	5	5	ND	1	116	.6	2	2	21	.58	.066	28	11	.20	220	.07	2	1.20	.01	.10	1	1
90+00E 88+75N	1	17	4	46	.1	18	6	618	1.16	4	5	ND	1	101	.6	2	3	20	.53	.115	19	13	.20	201	.06	2	1.21	.01	.09	1	3
90+00E 88+50N	1	13	5	49	.2	11	5	501	1.10	4	5	ND	3	61	.8	2	2	19	.33	.065	40	8	.19	157	.08	2	1.19	.01	.11	1	1
90+00E 88+25N	1	16	8	51	.2	19	5	546	.96	7	5	ND	1	82	.7	2	2	17	.59	.089	20	8	.16	225	.06	3	1.07	.01	.09	1	1
90+00E 88+00N	1	19	6	48	.2	177	13	595	1.47	30	5	ND	1	76	.5	2	3	22	.59	.116	16	36	.33	161	.06	3	1.29	.01	.09	1	1
90+00E 87+75N	1	20	24	75	.3	40	7	571	1.23	11	5	ND	1	73	.9	2	2	20	.64	.095	17	16	.24	158	.06	4	1.06	.01	.11	1	2
90+00E 87+50N	1	26	9	67	.3	116	13	1212	2.51	46	5	ND	1	46	.5	2	2	25	.61	.089	13	26	.32	129	.04	4	1.13	.01	.13	1	9
90+00E 87+25N	1	29	19	48	.3	17	10	1354	2.10	16	5	ND	1	36	.5	2	2	22	.63	.066	15	7	.24	192	.05	3	1.05	.01	.14	1	16
90+00E 87+00N	1	36	10	58	.3	19	10	1414	2.12	11	5	ND	1	44	.6	2	2	26	.76	.089	16	10	.27	204	.05	3	1.07	.01	.12	2	4
90+00E 86+75N	1	33	7	56	.1	12	7	1498	1.36	8	5	ND	1	56	.5	2	2	20	1.02	.109	10	7	.24	180	.04	6	.81	.01	.13	1	2
90+00E 86+50N	1	44	10	56	.1	12	8	2223	2.20	2	5	ND	1	42	.6	2	2	30	.63	.073	21	7	.32	292	.06	2	1.50	.02	.11	1	4
90+00E 86+25N	1	39	8	44	.2	13	6	980	1.89	3	5	ND	1	49	.4	2	2	25	.93	.042	17	9	.37	204	.06	3	1.50	.02	.17	1	2
90+00E 86+00N	1	23	10	170	.1	4	4	576	.91	2	5	ND	1	201	.8	2	2	15	1.02	.231	24	6	.19	175	.05	6	.90	.01	.29	1	2
90+00E 85+75N	1	21	2	46	.1	10	4	653	.95	6	5	ND	1	391	.4	3	2	9	11.60	.160	5	11	.75	156	.02	10	.66	.03	.09	1	1
90+00E 85+50N	1	21	5	57	.2	18	6	869	1.38	4	5	ND	1	56	.4	2	2	19	.67	.078	15	12	.22	215	.06	2	1.44	.02	.11	1	1
STANDARD C/AU-S	18	58	38	129	6.9	68	30	1048	3.77	38	20	6	37	47	18.4	16	18	58	.49	.094	38	54	.88	174	.08	34	1.89	.06	.14	11	53

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	Au* ppb
90+00E 85+25N	1	26	8	73	.2	56	12	1176	3.00	2	5	ND	2	48	.2	2	2	38	1.02	.085	26	38	.67	207	.06	3	1.43	.01	.16	2	5
90+00E 85+00N	1	19	9	65	.1	15	7	1207	1.87	2	5	ND	1	49	.4	2	2	23	.91	.084	13	10	.30	246	.05	6	1.24	.02	.14	1	3
90+00E 84+75N	1	15	6	53	.1	14	8	1077	2.17	10	5	ND	1	47	.2	2	3	24	.99	.078	15	8	.29	176	.05	3	1.33	.02	.19	1	8
90+00E 84+50N	1	37	9	107	.2	10	11	1200	3.15	5	5	ND	1	34	.3	2	2	30	.83	.089	13	6	.37	171	.03	2	1.43	.01	.17	1	1
90+00E 84+25N	1	22	11	84	.2	19	10	1072	2.74	6	5	ND	1	47	.3	2	2	31	1.17	.096	17	15	.44	198	.04	6	1.54	.01	.21	1	4
90+00E 84+00N	1	23	7	85	.2	32	12	1003	3.24	10	5	ND	1	31	.3	2	2	36	.70	.098	19	21	.35	202	.03	2	1.32	.01	.19	1	7
90+00E 83+75N	1	19	9	84	.2	18	10	1024	2.65	3	5	ND	1	30	.4	2	2	31	.65	.100	15	11	.32	115	.04	6	1.35	.02	.16	1	6
90+00E 83+50N	1	26	17	66	.3	15	8	1038	2.15	3	5	ND	1	33	.3	2	2	28	.51	.081	19	11	.28	177	.08	3	1.72	.02	.14	2	1
90+00E 83+25N	1	19	15	60	.1	19	8	1031	2.25	5	5	ND	1	32	.2	2	2	33	.54	.083	17	16	.42	206	.07	2	1.50	.02	.14	1	1
90+00E 83+00N	1	26	13	62	.1	25	8	1001	1.93	5	5	ND	1	53	.4	2	3	28	.65	.081	21	18	.34	221	.08	4	1.56	.02	.18	1	1
91+00E 100+00N	1	21	7	61	.2	9	6	478	1.51	4	5	ND	1	178	1.0	2	2	30	.82	.126	40	13	.27	193	.10	4	1.74	.02	.19	1	1
91+00E 99+75N	1	17	13	86	.1	7	4	613	1.04	4	5	ND	1	147	.5	2	2	19	.75	.129	21	6	.16	158	.06	2	1.32	.02	.07	1	2
91+00E 99+50N	1	35	20	79	.1	13	7	539	1.77	8	5	ND	3	126	.7	2	2	32	.67	.115	61	9	.28	151	.09	2	2.19	.02	.21	1	1
91+00E 99+25N	1	30	17	77	.1	14	8	585	1.63	5	5	ND	2	200	.7	2	2	31	.88	.150	71	12	.34	172	.08	3	2.14	.03	.20	1	1
91+00E 99+00N	1	29	30	96	.1	17	9	624	2.28	10	5	ND	8	189	.7	2	2	41	.77	.208	106	16	.46	176	.10	2	2.98	.03	.25	1	3
91+00E 98+75N	1	35	26	103	.2	20	11	812	2.27	7	5	ND	8	240	.9	2	2	41	.81	.201	117	18	.52	159	.09	2	2.86	.05	.23	1	1
91+00E 98+50N	1	33	32	97	.2	16	9	566	1.91	6	5	ND	7	286	.8	2	2	34	1.04	.212	96	15	.45	181	.08	3	2.43	.07	.30	2	1
91+00E 98+25N	1	24	23	70	.1	11	7	468	1.55	2	5	ND	8	199	.7	2	2	30	.72	.126	69	12	.31	163	.10	2	2.04	.03	.20	1	1
91+00E 98+00N	1	28	21	79	.1	17	8	486	2.15	5	5	ND	11	193	.9	2	2	42	.76	.178	84	19	.42	163	.15	2	2.60	.03	.26	3	1
91+00E 97+75N	1	27	21	69	.1	15	6	429	1.94	3	5	ND	7	222	.9	2	2	40	.71	.149	70	17	.36	149	.14	2	2.43	.03	.23	1	1
91+00E 97+50N	1	29	27	77	.2	14	7	484	1.98	5	5	ND	7	211	.8	2	2	39	.86	.165	75	17	.39	155	.12	5	2.17	.03	.26	2	1
91+00E 97+25N	1	32	20	75	.1	17	8	535	2.13	7	5	ND	8	187	1.1	2	2	43	.79	.151	72	18	.45	144	.14	2	2.26	.03	.24	1	1
91+00E 97+00N	1	44	40	96	.2	31	14	747	3.16	5	5	ND	18	306	.9	3	2	64	1.00	.259	122	36	.84	144	.22	2	2.73	.09	.27	1	1
91+00E 96+75N	1	46	33	101	.2	38	14	724	3.28	6	5	ND	18	415	1.0	2	2	62	1.30	.326	132	39	1.01	169	.22	2	2.78	.08	.33	1	1
91+00E 96+50N	1	33	30	87	.2	35	13	630	3.01	7	5	ND	10	170	1.4	2	2	61	.96	.209	90	44	1.12	94	.30	4	2.41	.03	.25	1	1
91+00E 96+25N	1	34	26	86	.1	40	13	443	3.38	2	5	ND	12	254	1.4	2	2	64	.89	.208	98	51	1.23	104	.32	4	2.56	.03	.22	1	1
91+00E 96+00N	1	35	31	85	.2	42	14	527	3.37	3	5	ND	13	179	1.1	2	2	66	1.00	.233	112	45	1.07	82	.33	3	3.20	.05	.18	1	1
91+00E 95+75N	1	37	31	88	.3	46	16	561	3.66	2	5	ND	13	222	1.0	2	2	73	1.34	.330	132	61	1.56	57	.33	6	2.40	.04	.14	1	3
91+00E 95+50N	1	32	21	47	.1	26	10	490	2.06	5	5	ND	6	191	1.3	2	2	48	.93	.168	81	28	.70	44	.22	5	1.51	.04	.09	2	1
91+00E 95+25N	1	57	46	96	.3	48	19	940	3.80	4	6	ND	11	308	1.4	3	2	77	1.51	.335	170	50	1.65	53	.32	5	2.15	.06	.12	1	1
91+00E 95+00N	1	46	23	84	.1	39	15	679	2.97	6	5	ND	17	211	1.3	2	2	57	1.14	.255	122	34	1.16	107	.26	2	2.80	.06	.31	1	1
91+00E 94+75N	1	25	17	76	.1	14	9	524	1.99	4	5	ND	3	163	.9	2	2	40	.84	.148	49	18	.57	137	.13	2	1.90	.03	.20	1	1
91+00E 94+50N	1	19	11	73	.1	11	8	511	1.69	3	5	ND	2	150	.8	2	2	36	.72	.102	38	14	.42	135	.11	2	1.55	.03	.20	1	2
91+00E 94+25N	1	28	32	90	.1	14	9	649	1.84	4	5	ND	14	185	.7	2	2	29	.71	.121	93	13	.37	194	.10	2	2.62	.02	.28	1	1
91+00E 94+00N	1	48	23	95	.2	26	10	657	2.26	5	5	ND	5	235	1.4	2	2	47	1.29	.231	89	28	.64	107	.15	5	1.83	.03	.22	1	2
91+00E 93+75N	1	49	25	99	.3	49	17	826	3.60	5	5	ND	10	241	1.2	2	2	73	1.53	.403	132	62	1.58	83	.24	2	1.95	.03	.17	1	1
STANDARD C/AU-S	17	58	35	129	6.8	67	31	1057	3.83	35	20	7	36	47	18.9	15	17	58	.50	.094	37	56	.89	174	.08	33	1.90	.06	.14	11	45

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	Au* ppb
91+00E 93+50N	1	30	28	80	.3	31	11	676	3.08	6	5	ND	8	114	.5	3	2	56	.80	.190	84	42	.80	128	.26	2	2.83	.02	.13	1	1
91+00E 93+25N	1	26	21	82	.2	19	7	550	1.98	4	5	ND	3	105	.2	2	2	37	.66	.145	51	24	.44	134	.19	2	2.07	.02	.10	1	6
91+00E 93+00N	1	20	12	64	.1	11	5	451	1.33	6	5	ND	1	107	.8	2	2	24	.57	.083	39	13	.25	143	.12	2	1.78	.02	.11	1	1
91+00E 92+75N	1	19	15	80	.2	10	5	568	1.35	7	5	ND	2	116	.5	2	2	24	.63	.061	34	12	.22	134	.12	3	1.74	.02	.12	1	1
91+00E 92+50N	1	20	14	70	.1	10	5	526	1.13	7	5	ND	1	90	.3	2	2	21	.49	.074	29	10	.18	122	.10	2	1.46	.02	.10	1	2
91+00E 92+25N	1	29	16	88	.1	13	7	646	1.30	10	5	ND	2	140	.6	2	2	26	.84	.098	43	13	.29	127	.09	3	1.27	.02	.16	1	1
91+00E 92+00N	1	31	19	72	.2	13	7	600	1.56	9	5	ND	4	128	.3	2	2	29	.69	.075	57	14	.31	126	.11	2	1.67	.03	.17	1	1
91+00E 91+75N	1	28	16	68	.1	13	7	615	1.61	8	5	ND	2	151	.4	2	2	28	.83	.091	54	15	.29	165	.12	2	2.02	.02	.19	1	1
91+00E 91+50N	1	24	15	62	.2	10	6	495	1.32	8	5	ND	1	139	.2	2	2	25	.76	.094	42	11	.24	158	.10	2	1.63	.02	.16	1	1
91+00E 91+25N	1	22	16	61	.2	13	6	467	1.70	6	5	ND	2	145	.4	2	4	36	.69	.110	51	18	.26	161	.12	2	1.62	.02	.17	1	2
91+00E 91+00N	1	21	12	68	.1	10	5	461	1.48	4	5	ND	2	154	.4	2	2	31	.66	.097	44	14	.23	169	.11	2	1.56	.02	.16	1	1
91+00E 90+75N	1	18	2	85	.1	13	5	472	1.60	8	5	ND	1	171	.4	2	2	35	.81	.116	41	18	.26	158	.10	3	1.42	.02	.17	1	1
91+00E 90+50N	1	21	13	55	.1	20	6	486	1.52	6	5	ND	1	164	.3	2	2	30	.82	.106	32	16	.31	163	.09	3	1.67	.02	.12	1	2
91+00E 90+25N	1	24	11	54	.2	25	6	423	1.50	5	5	ND	1	165	.6	2	2	29	.80	.101	34	18	.33	161	.10	4	1.54	.02	.13	1	2
91+00E 90+00N	1	25	12	66	.2	28	6	446	1.38	6	5	ND	1	226	.4	3	2	26	.92	.107	31	18	.33	167	.08	4	1.50	.02	.14	1	1
91+00E 89+75N	1	22	2	66	.2	27	5	445	1.48	8	5	ND	1	182	.6	2	2	29	.88	.102	29	20	.30	160	.09	7	1.48	.02	.13	1	3
91+00E 89+50N	1	28	10	65	.2	28	6	507	1.61	6	5	ND	1	126	.6	3	2	31	.67	.105	35	18	.26	154	.10	4	1.64	.02	.14	1	2
91+00E 89+25N	1	19	10	56	.2	22	5	466	1.30	7	5	ND	1	97	.3	2	2	23	.55	.085	26	14	.22	187	.09	2	1.47	.02	.11	1	2
91+00E 89+00N	1	20	9	70	.1	29	6	530	1.35	14	5	ND	1	84	.7	2	2	24	.48	.168	21	19	.27	177	.10	6	1.52	.02	.14	1	3
91+00E 88+75N	1	19	8	57	.1	36	7	526	1.46	4	5	ND	1	109	.2	2	2	27	.70	.096	25	22	.33	175	.09	2	1.62	.02	.12	1	2
91+00E 88+50N	1	20	9	53	.2	34	6	562	1.49	11	5	ND	1	76	.6	2	3	27	.57	.129	22	24	.31	165	.10	3	1.63	.02	.11	1	2
91+00E 88+25N	1	18	7	67	.1	29	7	608	1.52	10	5	ND	1	82	.5	2	2	26	.74	.086	20	20	.28	205	.10	3	1.66	.02	.12	1	3
91+00E 88+00N	1	15	16	54	.1	109	10	590	1.69	19	5	ND	1	73	.4	2	2	26	.59	.067	19	31	.31	182	.12	5	1.78	.02	.12	2	1
91+00E 87+75N	1	21	14	61	.2	31	8	820	1.86	10	5	ND	1	68	.9	2	2	28	.56	.081	21	19	.33	189	.11	3	1.91	.02	.13	1	3
91+00E 87+50N	1	22	9	73	.1	28	7	768	1.70	8	5	ND	1	75	.5	3	2	28	.73	.098	25	19	.33	194	.11	5	1.67	.02	.13	1	2
91+00E 87+25N	1	25	17	54	.1	48	9	825	2.11	7	5	ND	2	50	.2	3	2	35	.61	.077	25	25	.43	169	.13	5	2.06	.02	.16	1	3
91+00E 87+00N	1	28	4	67	.1	35	9	1218	2.41	14	5	ND	1	33	.4	2	2	30	.63	.074	22	18	.41	166	.06	3	1.50	.01	.15	1	1
91+00E 86+75N	1	28	9	56	.1	59	10	832	2.56	12	5	ND	4	45	.2	3	2	42	.43	.078	30	35	.53	193	.14	3	2.04	.02	.20	1	2
91+00E 86+50N	1	44	18	59	.4	31	10	1256	2.76	13	5	ND	1	52	.3	2	2	37	1.03	.082	22	19	.52	240	.06	6	1.64	.01	.19	1	1
91+00E 86+25N	1	32	12	54	.3	42	9	1208	2.33	7	5	ND	1	72	.3	2	2	31	2.49	.086	23	24	.60	205	.08	8	1.60	.01	.23	1	1
91+00E 86+00N	1	39	26	83	.3	25	8	1379	2.37	12	5	ND	1	42	.7	2	2	31	.73	.076	19	15	.53	302	.07	3	1.90	.02	.13	1	1
91+00E 85+75N	1	34	13	64	.2	23	8	1325	2.53	8	5	ND	1	70	.4	2	2	37	1.81	.092	21	17	.51	344	.07	7	1.79	.01	.19	1	1
91+00E 85+50N	1	25	6	46	.1	22	6	585	1.37	5	5	ND	1	126	.2	2	2	26	2.20	.102	22	19	.38	190	.08	4	1.26	.02	.16	1	2
91+00E 85+25N	1	27	7	65	.2	23	6	435	1.51	6	5	ND	1	189	.5	2	2	29	1.18	.088	27	24	.57	160	.09	7	1.20	.02	.14	1	1
91+00E 85+00N	1	35	19	60	.2	82	10	640	2.18	9	5	ND	2	136	.3	2	2	36	.82	.075	35	50	.85	141	.10	7	1.25	.01	.16	1	3
91+00E 84+75N	1	28	13	64	.2	50	9	823	2.28	9	5	ND	2	59	.3	2	4	35	.53	.069	29	34	.50	166	.11	4	1.87	.02	.18	1	2
STANDARD C/AU-S	18	61	41	131	7.9	67	31	1050	4.03	40	18	8	36	47	18.9	15	24	58	.51	.090	37	58	.86	173	.08	37	1.98	.06	.14	11	53

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	Au* ppb
91+00E 84+50N	1	22	11	70	.1	36	9	684	2.52	6	5	ND	4	62	.2	2	3	45	.56	.109	37	40	.58	171	.10	7	1.77	.01	.24	1	5
91+00E 84+25N	1	22	11	71	.1	51	11	671	2.66	7	5	ND	5	63	.2	2	2	44	.56	.113	37	43	.61	161	.10	4	1.85	.01	.28	1	2
91+00E 84+00N	1	24	12	85	.2	46	9	800	2.04	7	6	ND	3	77	.4	2	4	32	.69	.115	33	28	.44	171	.07	3	1.39	.02	.21	2	4
91+00E 83+75N	1	17	8	59	.1	31	7	570	1.70	6	5	ND	3	77	.2	2	2	28	.60	.104	28	21	.35	152	.08	2	1.38	.02	.18	1	1
91+00E 83+50N	1	18	10	62	.1	33	7	624	1.81	9	5	ND	3	84	.5	2	2	29	.60	.102	30	22	.38	157	.08	2	1.43	.01	.18	1	1
91+00E 83+25N	1	20	4	65	.2	13	6	439	1.54	5	5	ND	1	184	.2	2	6	31	.75	.126	34	14	.34	152	.10	2	1.69	.02	.14	1	1
91+00E 83+00N	1	19	9	111	.1	11	4	501	1.06	4	8	ND	1	141	.3	2	2	24	.98	.161	10	13	.28	188	.07	10	.71	.02	.15	1	3
92+00E 100+00E	1	21	12	68	.2	10	5	473	1.38	4	5	ND	2	133	.4	2	2	25	.59	.128	34	12	.25	154	.10	4	1.62	.02	.12	1	1
92+00E 99+75E	1	19	15	57	.1	14	6	489	1.76	2	5	ND	2	140	.4	2	5	32	.65	.110	49	16	.32	141	.13	4	2.07	.02	.15	1	1
92+00E 99+50E	1	19	15	59	.2	14	6	464	1.73	5	5	ND	4	121	.3	3	6	33	.58	.111	41	16	.28	161	.13	7	1.97	.02	.15	1	3
92+00E 99+25E	1	18	14	55	.1	13	6	449	1.75	2	5	ND	4	122	.3	2	2	33	.55	.114	44	16	.30	169	.13	2	2.08	.02	.14	1	1
92+00E 99+00E	1	18	17	54	.2	15	7	474	1.92	5	8	ND	7	113	.2	2	6	37	.53	.112	54	19	.39	150	.15	2	2.09	.02	.14	1	1
92+00E 98+75E	1	15	10	53	.1	12	6	485	1.77	4	5	ND	4	106	.3	3	2	34	.50	.114	42	16	.30	166	.13	3	2.04	.02	.13	1	1
92+00E 98+50E	1	15	11	47	.1	12	5	474	1.48	5	5	ND	2	89	.2	2	2	28	.42	.100	28	12	.22	152	.12	3	1.73	.02	.13	1	2
92+00E 98+25E	1	19	12	64	.1	15	6	665	1.90	2	5	ND	6	88	.2	2	5	35	.43	.089	42	17	.29	195	.15	2	2.31	.02	.14	1	1
92+00E 98+00E	1	20	11	58	.1	13	5	618	1.40	6	5	ND	1	126	.2	2	2	25	.69	.121	34	13	.28	171	.12	2	1.78	.02	.13	1	1
92+00E 97+75E	1	18	12	70	.1	20	8	534	2.04	3	5	ND	4	94	.2	2	4	41	.59	.171	59	21	.47	118	.17	2	2.18	.02	.12	1	1
92+00E 97+50E	1	21	8	56	.1	23	6	595	1.54	3	5	ND	2	125	.2	2	3	28	.72	.108	30	19	.48	131	.09	3	1.43	.02	.13	1	1
92+00E 97+25E	1	17	7	61	.1	9	4	440	1.48	4	5	ND	2	235	.2	2	2	29	.87	.140	36	12	.28	178	.09	4	1.71	.02	.18	1	1
92+00E 97+00E	1	22	7	54	.1	12	5	426	1.79	6	5	ND	2	240	.2	2	6	40	.80	.165	54	19	.31	133	.12	5	1.48	.02	.15	1	1
92+00E 96+75E	1	20	10	46	.2	10	5	431	1.46	5	5	ND	2	283	.2	2	8	29	.75	.113	42	13	.27	146	.10	2	1.61	.02	.17	1	1
92+00E 96+50E	1	24	11	62	.2	11	6	436	1.70	2	5	ND	3	224	.4	2	2	35	.79	.154	47	16	.30	148	.11	9	1.64	.02	.15	1	3
92+00E 96+25E	1	18	18	65	.2	11	6	446	1.69	5	5	ND	3	182	.3	3	2	32	.78	.130	46	14	.30	139	.11	4	1.72	.02	.17	1	1
92+00E 96+00E	1	20	14	81	.1	14	8	485	2.54	2	5	ND	8	111	.2	2	5	50	.58	.109	49	23	.59	113	.15	2	1.87	.02	.20	1	1
92+00E 95+75E	1	17	6	124	.1	15	14	756	4.60	2	5	ND	5	142	.4	2	4	130	.93	.241	50	57	1.46	77	.33	2	1.53	.03	.18	1	1
92+00E 95+50E	1	34	8	78	.1	13	16	729	4.52	2	5	ND	7	228	.2	2	4	97	1.06	.204	60	40	1.87	68	.22	2	1.80	.03	.12	1	1
92+00E 95+25E	1	18	12	67	.1	12	11	559	3.12	4	5	ND	8	109	.2	2	4	62	.61	.111	45	28	.95	103	.19	2	1.88	.02	.21	1	1
92+00E 95+00E	1	17	17	63	.1	13	8	605	2.19	2	5	ND	7	81	.2	2	7	38	.37	.052	44	18	.35	119	.15	2	2.21	.02	.20	1	1
92+00E 94+75E	1	11	4	40	.1	5	3	306	.77	4	5	ND	1	117	.2	2	2	18	.54	.050	11	5	.11	42	.06	2	.52	.02	.08	1	1
92+00E 94+50E	1	19	17	48	.1	10	7	383	1.95	3	5	ND	8	189	.2	2	2	31	.70	.112	52	12	.42	65	.10	2	1.61	.06	.15	1	1
92+00E 94+25E	1	51	31	90	.1	21	15	828	3.60	2	5	ND	18	457	.2	2	11	58	1.51	.317	145	23	1.03	123	.19	9	3.10	.12	.33	1	1
92+00E 94+00E	1	31	17	82	.1	17	9	666	2.27	5	5	ND	6	330	.3	2	2	41	1.18	.181	69	18	.56	131	.13	4	1.92	.05	.20	1	1
92+00E 93+75E	2	17	11	34	.4	7	4	296	1.06	3	5	ND	5	263	.2	3	7	24	.77	.118	33	6	.20	35	.07	2	.69	.04	.10	1	1
92+00E 93+50E	1	11	2	22	.2	4	2	136	.64	5	5	ND	3	159	.2	2	2	17	.46	.057	9	3	.10	15	.05	2	.35	.03	.06	1	1
92+00E 93+00E	1	36	15	63	.1	11	6	403	1.61	6	5	ND	5	354	.2	2	2	31	1.16	.187	66	10	.46	47	.08	5	1.19	.07	.11	1	1
92+00E 92+75N	1	14	8	57	.3	6	3	239	.88	4	5	ND	5	128	.2	3	5	15	.32	.108	16	5	.15	71	.06	2	.89	.03	.11	1	2
STANDARD C/AU-S	18	58	36	132	6.6	68	30	1048	3.97	37	23	7	40	48	17.9	15	22	58	.50	.094	39	57	.92	175	.08	40	1.95	.06	.13	11	51

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	Au* ppb
92+00E 92+50N	1	10	8	34	.1	8	4	315	1.14	3	5	ND	2	96	.2	2	2	19	.34	.042	20	7	.18	99	.09	2	1.60	.03	.11	2	5
92+00E 92+25N	1	11	9	45	.1	9	5	474	1.29	5	6	ND	1	93	.2	2	2	22	.39	.043	22	9	.21	119	.10	3	1.69	.03	.12	1	1
92+00E 92+00N	1	16	8	54	.2	12	5	540	1.23	5	5	ND	4	127	.5	5	7	21	.50	.081	25	12	.21	153	.10	4	1.63	.03	.13	1	2
92+00E 91+75N	1	20	10	59	.3	9	5	507	1.27	8	5	ND	5	108	.2	5	2	22	.48	.105	31	9	.21	139	.09	4	1.51	.02	.11	1	1
92+00E 91+50N	1	13	17	65	.1	9	6	608	1.64	2	6	ND	5	84	.4	6	2	29	.40	.045	42	11	.25	153	.14	2	2.49	.03	.14	1	1
92+00E 91+25N	1	18	10	71	.1	9	6	534	1.66	2	5	ND	2	108	.5	2	2	33	.56	.103	26	14	.40	159	.11	2	1.85	.02	.16	1	2
92+00E 91+00N	1	16	13	54	.1	10	5	464	1.29	4	5	ND	1	104	.4	2	2	23	.48	.110	30	9	.21	140	.08	2	1.49	.02	.12	1	1
92+00E 90+75N	1	18	13	82	.6	9	4	430	.96	4	6	ND	2	101	.5	4	9	18	.54	.102	19	7	.16	137	.06	4	1.09	.02	.09	1	1
92+00E 90+50N	1	18	9	63	.1	16	5	432	1.31	4	5	ND	1	122	.5	3	4	24	.63	.154	24	13	.24	149	.07	9	1.35	.02	.15	1	1
92+00E 90+25N	1	20	8	45	.2	27	6	433	1.47	7	5	ND	3	124	.2	3	2	27	.58	.128	34	17	.30	134	.08	2	1.45	.02	.14	1	2
92+00E 90+00N	1	20	13	61	.1	26	6	446	1.39	5	5	ND	1	144	.2	2	2	25	.76	.137	29	16	.32	161	.07	2	1.38	.02	.16	1	4
92+00E 89+75N	1	20	12	59	.1	33	6	448	1.48	10	5	ND	1	131	.4	2	2	26	.77	.104	31	17	.37	178	.08	2	1.61	.02	.15	1	1
92+00E 89+50N	1	15	11	49	.1	24	6	518	1.62	5	5	ND	3	103	.2	5	3	27	.58	.090	28	15	.29	191	.08	2	1.71	.02	.14	1	1
92+00E 89+25N	1	17	10	59	.1	33	7	654	1.59	3	5	ND	1	57	.2	3	2	25	.44	.100	17	12	.24	190	.10	2	1.87	.02	.08	1	3
92+00E 89+00N	1	20	10	58	.1	19	7	1106	2.16	4	5	ND	1	36	.2	2	2	28	.51	.084	12	8	.28	176	.07	2	1.57	.02	.09	1	1
92+00E 88+75N	1	39	11	68	.1	40	9	1119	2.22	7	5	ND	1	46	.8	3	4	39	.65	.093	23	19	.32	164	.09	6	1.74	.02	.17	1	1
92+00E 88+50N	1	29	48	116	.2	28	10	1003	2.71	12	5	ND	2	43	.8	4	3	31	.58	.076	24	15	.39	236	.08	4	2.06	.02	.19	1	2
92+00E 88+25N	1	21	11	75	.1	42	7	527	1.74	9	5	ND	1	79	.2	3	3	30	.59	.122	26	22	.34	166	.08	2	1.41	.02	.16	1	1
92+00E 88+00N	1	23	25	86	.1	577	30	2289	3.63	24	5	ND	1	121	.2	2	2	28	1.57	.108	16	81	1.33	168	.05	6	1.51	.02	.13	1	2
92+00E 87+75N	1	23	27	122	.1	176	14	1047	2.15	10	5	ND	1	61	.7	4	2	26	.79	.103	13	34	.50	198	.05	10	1.41	.02	.20	1	7
92+00E 87+50N	1	29	18	96	.1	144	13	962	2.47	22	5	ND	1	43	.5	2	2	30	.52	.073	16	40	.48	155	.07	4	1.51	.01	.17	1	2
92+00E 87+25N	1	30	11	59	.1	73	9	772	2.23	10	5	ND	1	49	.2	2	2	30	.46	.075	20	26	.52	174	.08	6	1.69	.01	.20	1	5
92+00E 87+00N	1	33	12	65	.6	54	10	1069	1.86	7	5	ND	3	71	.5	4	2	24	.68	.093	17	26	.51	187	.07	7	1.56	.02	.20	1	1
92+00E 86+75N	1	43	18	76	.3	30	7	1141	1.52	6	6	ND	1	78	1.0	2	2	22	.83	.110	17	11	.28	234	.07	8	1.35	.02	.14	1	1
92+00E 86+50N	1	25	12	62	.2	50	8	645	1.79	6	5	ND	2	80	.3	2	4	31	.66	.096	30	24	.43	164	.09	2	1.31	.02	.15	1	3
92+00E 86+25N	1	21	11	59	.2	49	7	537	1.88	7	5	ND	3	87	.3	3	2	34	.59	.103	33	28	.45	165	.10	5	1.43	.02	.15	1	2
92+00E 86+00N	1	30	18	71	.5	56	9	611	2.16	11	7	ND	5	88	.3	4	3	38	.59	.111	37	35	.52	169	.10	2	1.53	.02	.18	1	1
92+00E 85+75N	1	28	10	73	.4	29	7	429	1.65	7	5	ND	3	187	.3	3	2	29	.75	.101	30	21	.51	152	.08	8	1.41	.02	.18	1	2
92+00E 85+50N	1	22	10	57	.1	26	5	381	1.57	7	5	ND	1	271	.6	2	2	29	1.28	.102	29	22	.82	134	.08	7	1.23	.03	.13	1	1
92+00E 85+25N	1	21	5	53	.3	9	2	244	.83	2	5	ND	1	1228	.5	2	2	16	7.33	.108	15	10	2.25	194	.05	17	.99	.02	.11	1	2
92+00E 85+00N	1	24	9	62	.3	22	5	398	1.44	4	5	ND	3	267	.5	3	2	25	1.09	.089	25	18	.72	160	.08	4	1.36	.02	.17	1	1
92+00E 84+75N	1	20	13	55	.1	32	6	522	1.64	4	5	ND	1	89	.2	2	2	28	.63	.093	25	24	.36	192	.09	2	1.62	.02	.15	1	1
92+00E 84+50N	1	19	10	58	.1	39	8	550	1.92	8	5	ND	4	83	.4	2	2	32	.56	.098	33	27	.43	156	.10	2	1.65	.02	.19	1	1
92+00E 84+25N	1	22	14	68	.1	47	9	553	2.28	10	5	ND	5	85	.4	2	3	40	.51	.104	42	34	.51	146	.11	2	1.65	.02	.23	1	1
92+00E 84+00N	1	18	15	63	.1	58	9	575	2.32	7	5	ND	6	81	.4	2	2	40	.53	.112	42	38	.62	139	.11	2	1.60	.02	.21	1	2
92+00E 83+75N	1	20	13	62	.1	36	8	703	2.10	5	5	ND	4	58	.6	2	2	35	.47	.089	30	25	.38	236	.12	2	1.99	.02	.18	1	1
STANDARD C/AU-S	18	58	37	132	6.9	67	30	1048	3.93	40	16	6	37	49	17.6	14	22	58	.50	.095	38	52	.91	171	.08	40	1.94	.06	.13	11	54

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	Au* ppb
92+00E 83+50N	1	19	18	61	.1	39	8	801	1.98	6	5	ND	3	67	.4	2	2	32	.62	.111	29	23	.42	247	.10	5	1.81	.01	.22	1	7
92+00E 83+25N	1	23	15	65	.1	41	8	1064	2.23	9	5	ND	5	46	.4	2	2	34	.50	.077	28	23	.39	236	.12	7	2.02	.02	.19	1	2
92+00E 83+00N	1	24	17	69	.1	37	8	893	1.85	8	5	ND	4	61	.5	2	4	28	.56	.096	26	20	.35	211	.09	5	1.60	.01	.19	1	1
93+00E 100+00N	1	18	18	79	.1	16	6	723	1.67	5	5	ND	2	111	.5	2	2	32	.65	.250	40	18	.31	160	.12	2	1.67	.02	.13	1	1
93+00E 99+75N	1	13	11	49	.1	9	5	414	1.29	8	5	ND	4	129	.2	2	2	23	.50	.076	30	10	.25	145	.09	4	1.63	.02	.11	1	2
93+00E 99+50N	1	10	12	42	.1	6	4	438	1.08	6	5	ND	4	97	.4	2	4	20	.44	.113	23	7	.18	110	.09	3	1.33	.02	.10	1	3
93+00E 99+25N	1	28	21	69	.1	16	9	523	2.77	7	5	ND	17	219	.4	2	6	61	.87	.242	116	25	.64	165	.17	2	1.94	.05	.28	1	3
93+00E 99+00N	1	16	14	52	.1	8	5	466	1.43	7	5	ND	3	137	.3	2	5	27	.54	.152	34	11	.24	129	.10	2	1.53	.01	.13	1	1
93+00E 98+75N	1	18	16	48	.1	9	5	476	1.54	6	5	ND	6	163	.5	2	5	29	.55	.120	41	12	.27	160	.11	2	1.57	.02	.16	2	1
93+00E 98+50N	1	16	13	51	.3	10	5	528	1.60	7	5	ND	4	136	.5	3	2	30	.55	.118	35	12	.27	144	.12	2	1.79	.02	.15	1	1
93+00E 98+25N	1	17	18	53	.1	11	6	547	1.73	2	5	ND	3	137	.6	2	3	35	.67	.110	40	13	.28	145	.13	4	1.92	.02	.16	1	2
93+00E 98+00N	1	17	13	47	.3	11	6	497	1.70	8	5	ND	6	137	.2	2	2	35	.60	.120	44	13	.26	154	.12	4	1.88	.02	.14	1	5
93+00E 97+75N	1	17	11	53	.1	9	5	460	1.40	5	5	ND	2	148	.4	2	2	27	.68	.168	31	11	.24	153	.09	2	1.47	.02	.21	1	1
93+00E 97+50N	1	17	14	49	.1	9	5	465	1.55	7	5	ND	2	168	.4	2	2	32	.63	.127	34	12	.24	151	.10	2	1.53	.02	.16	1	1
93+00E 97+25N	1	18	10	59	.3	7	4	518	1.46	4	5	ND	4	127	.2	2	2	30	.44	.124	30	12	.22	102	.10	2	1.45	.02	.09	1	1
93+00E 97+00N	1	10	9	54	.1	8	5	671	1.48	9	5	ND	5	76	.4	4	2	27	.39	.084	24	10	.22	157	.12	4	1.88	.02	.12	1	1
93+00E 96+75N	1	14	20	60	.1	7	6	1351	1.74	6	5	ND	2	92	.3	2	2	35	.51	.150	34	10	.27	150	.10	2	2.16	.02	.09	1	2
93+00E 96+50N	1	12	7	39	.2	9	5	356	1.57	5	5	ND	8	98	.2	3	2	32	.37	.088	33	13	.23	103	.12	2	1.48	.02	.12	1	1
93+00E 96+25N	1	13	31	44	.2	6	5	1416	1.43	9	5	ND	3	100	.2	2	2	34	.72	.078	30	9	.28	112	.10	3	1.09	.03	.08	1	1
93+00E 96+00N	1	27	26	79	.1	12	8	1119	1.90	6	5	ND	4	110	.5	2	2	37	.64	.123	43	12	.37	123	.08	4	1.65	.02	.21	1	1
93+00E 95+75N	1	26	17	68	.1	12	10	1069	2.10	6	5	ND	5	140	.6	2	2	42	.70	.130	44	18	.53	123	.15	3	1.83	.02	.19	1	1
93+00E 95+50N	3	33	28	95	.1	21	16	1032	3.24	14	5	ND	12	252	.5	2	2	63	1.06	.271	97	22	.94	129	.18	3	2.38	.02	.32	1	2
93+00E 95+25N	1	26	22	63	.5	11	9	868	2.13	8	5	ND	8	225	.6	4	2	41	.94	.167	59	14	.54	92	.15	4	1.63	.03	.20	1	3
93+00E 95+00N	2	11	13	31	.1	4	5	998	1.10	10	5	ND	2	137	.3	2	2	25	.67	.084	26	5	.21	69	.08	3	.76	.03	.09	1	1
93+00E 92+50N	1	14	14	66	.1	11	7	475	1.67	9	5	ND	11	267	.2	3	2	26	.69	.133	67	10	.41	99	.11	4	1.87	.04	.27	1	1
93+00E 92+25N	1	20	24	45	.1	7	5	460	1.39	5	5	ND	7	353	.2	3	7	27	1.14	.171	63	9	.34	69	.08	3	1.19	.06	.06	6	1
93+00E 92+00N	1	19	18	60	.1	9	6	497	1.67	7	5	ND	8	227	.4	2	2	26	.59	.113	72	9	.40	104	.10	2	1.81	.03	.23	1	1
93+00E 91+75N	1	16	11	59	.3	12	8	561	2.09	4	5	ND	5	126	.2	3	2	41	.51	.124	27	17	.57	126	.10	2	1.82	.02	.12	1	1
93+00E 91+50N	1	8	9	78	.1	9	3	409	1.13	3	5	ND	3	100	.3	2	2	18	.39	.152	12	8	.19	180	.08	2	1.33	.02	.10	1	1
93+00E 91+25N	1	20	14	87	.2	9	6	1073	1.58	6	5	ND	4	178	.5	2	2	29	.77	.145	23	12	.28	241	.08	2	1.57	.02	.15	1	1
93+00E 91+00N	1	13	12	67	.1	19	6	454	1.79	2	5	ND	4	75	.2	2	2	32	.37	.089	33	15	.26	165	.12	2	2.02	.02	.12	1	1
93+00E 90+75N	1	21	10	66	.2	15	5	478	1.37	6	5	ND	2	102	.3	3	2	26	.54	.116	27	16	.22	143	.08	2	1.39	.02	.12	1	1
93+00E 90+50N	1	20	11	68	.1	30	7	527	1.55	16	5	ND	2	113	.5	2	3	29	.66	.116	29	18	.28	206	.09	2	1.61	.02	.15	1	5
93+00E 90+25N	1	17	15	91	.5	18	8	730	2.10	10	7	ND	6	59	.2	6	2	36	.59	.106	24	25	.36	242	.09	2	1.85	.02	.19	1	2
93+00E 90+00N	1	24	269	375	1.1	84	10	679	1.79	27	5	ND	3	95	2.9	4	2	26	.69	.116	25	34	.41	175	.07	2	1.57	.02	.16	1	11
93+00E 89+75N	1	13	13	62	.2	17	4	466	1.32	8	5	ND	2	99	.2	3	2	22	.70	.109	21	12	.24	173	.07	3	1.52	.02	.15	1	1
STANDARD C/AU-S	18	56	40	132	6.6	68	31	1051	3.93	42	16	7	36	49	18.2	15	17	59	.50	.095	39	55	.91	175	.08	32	1.94	.06	.14	11	51

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	Au* ppb
93+00E 89+50N	1	21	13	65	.1	17	6	549	1.67	4	5	ND	2	71	.2	2	2	26	.59	.084	24	15	.26	195	.10	8	1.78	.02	.16	1	3
93+00E 89+25N	1	17	10	66	.3	18	6	502	1.53	5	5	ND	3	85	.4	2	2	24	.64	.088	24	13	.29	197	.09	7	1.88	.02	.17	1	1
93+00E 89+00N	1	18	16	66	.1	29	7	552	1.87	7	5	ND	2	89	.4	2	2	30	.66	.099	31	20	.37	195	.09	6	1.80	.02	.19	2	2
93+00E 88+75N	1	26	16	81	.1	46	10	732	2.57	10	5	ND	4	96	.2	2	4	42	.83	.123	37	38	.58	224	.09	6	2.08	.02	.33	1	2
93+00E 88+50N	1	23	16	72	.4	45	8	571	2.11	11	5	ND	6	134	.2	2	3	38	.68	.113	40	27	.43	192	.10	2	1.66	.02	.22	2	3
93+00E 88+25N	1	24	9	69	.3	41	7	574	2.00	8	5	ND	5	140	.2	2	2	35	.60	.105	36	24	.37	180	.10	4	1.65	.02	.19	1	2
93+00E 88+00N	1	19	10	61	.1	27	6	480	1.46	7	5	ND	1	174	.2	2	2	25	.65	.092	25	16	.34	172	.08	5	1.49	.02	.16	1	3
93+00E 87+75N	1	16	9	59	.1	32	6	455	1.35	6	5	ND	2	169	.2	2	2	22	.61	.081	25	18	.32	167	.07	10	1.39	.02	.17	1	2
93+00E 87+50N	1	25	8	70	.3	57	9	615	2.01	9	5	ND	3	115	.3	3	2	35	.65	.095	26	34	.50	196	.10	10	1.82	.02	.16	1	1
93+00E 87+25N	1	26	16	75	.1	111	12	776	2.43	14	5	ND	2	70	.4	2	2	38	.64	.098	32	51	.66	200	.10	5	1.89	.02	.21	1	2
93+00E 87+00N	1	20	12	67	.1	85	11	810	2.21	7	5	ND	4	65	.2	2	2	33	.57	.092	29	43	.54	199	.10	5	1.87	.02	.17	1	1
93+00E 86+75N	1	21	6	64	.2	48	8	632	1.70	5	5	ND	3	97	.2	3	2	27	.72	.101	24	26	.37	215	.08	8	1.65	.02	.15	1	1
93+00E 86+50N	1	25	14	77	.2	34	7	769	1.77	6	5	ND	4	64	.4	3	2	27	.55	.082	22	19	.30	197	.10	4	1.92	.02	.12	1	1
93+00E 86+25N	1	18	8	58	.1	51	8	536	2.01	9	5	ND	3	73	.2	2	2	36	.59	.105	34	31	.46	148	.09	4	1.34	.02	.14	1	6
93+00E 86+00N	1	22	5	63	.1	43	7	548	1.89	7	5	ND	2	77	.2	2	2	33	.60	.105	30	28	.43	178	.10	4	1.69	.02	.14	1	1
93+00E 85+75N	1	19	12	70	.1	31	7	667	2.04	3	5	ND	4	74	.3	2	2	33	.55	.103	28	22	.35	220	.13	4	2.40	.02	.16	1	1
93+00E 85+50N	1	18	7	63	.1	21	5	590	1.53	3	5	ND	1	68	.2	2	2	24	.58	.089	18	14	.27	210	.08	4	1.79	.02	.13	1	1
93+00E 85+25N	1	20	12	61	.1	21	7	908	2.16	5	5	ND	3	41	.2	2	5	36	.46	.079	23	19	.30	204	.12	7	2.25	.02	.15	1	2
93+00E 85+00N	1	24	6	82	.1	15	9	1267	2.51	3	5	ND	2	36	.2	2	2	29	.68	.096	16	14	.27	203	.08	6	1.86	.02	.16	1	6
93+00E 84+75N	1	34	16	75	.1	42	8	970	2.14	5	5	ND	6	51	.3	2	2	33	.57	.093	23	24	.33	290	.11	7	2.13	.02	.16	1	1
93+00E 84+50N	1	20	8	65	.1	29	6	617	1.79	6	5	ND	3	59	.2	3	2	28	.50	.086	23	22	.30	213	.10	2	1.78	.02	.16	1	3
93+00E 84+25N	1	24	10	66	.1	35	7	599	1.78	5	5	ND	4	64	.3	2	2	29	.54	.088	25	23	.33	211	.10	6	1.74	.02	.16	1	2
93+00E 84+00N	1	20	10	63	.1	47	8	608	1.79	6	5	ND	4	68	.5	2	2	28	.55	.089	27	25	.38	200	.10	9	1.81	.02	.16	2	3
93+00E 83+75N	1	24	10	68	.3	71	10	667	2.13	8	5	ND	6	60	.2	2	2	35	.58	.092	33	39	.50	198	.09	8	1.65	.02	.14	1	2
93+00E 83+50N	1	23	8	64	.1	64	9	659	2.19	9	5	ND	4	61	.3	2	2	36	.55	.095	34	38	.48	181	.11	7	1.85	.02	.18	1	1
93+00E 83+25N	1	23	11	71	.2	61	9	597	2.15	10	5	ND	6	71	.5	2	2	37	.55	.113	39	34	.54	147	.10	2	1.48	.02	.18	1	3
93+00E 83+00N	1	26	11	71	.3	40	9	888	2.40	6	5	ND	6	65	.3	2	4	37	.61	.100	28	37	.39	281	.11	3	2.40	.02	.20	2	2
94+00E 89+00N	1	24	16	72	.1	44	10	723	2.88	6	5	ND	5	69	.4	2	2	55	.56	.124	44	49	.69	186	.11	2	1.96	.02	.17	1	1
94+00E 88+75N	1	24	66	141	5.7	50	10	946	2.53	57	5	ND	5	65	.5	3	2	34	.46	.090	34	30	.41	157	.10	2	1.91	.02	.21	1	12
94+00E 88+50N	1	24	27	67	.7	243	27	1862	3.15	52	5	ND	3	45	.3	2	2	33	.40	.097	11	176	1.53	161	.05	4	1.86	.02	.09	1	1
94+00E 88+25N	1	16	17	82	.2	717	51	954	3.61	140	5	ND	2	67	.2	2	2	30	.83	.081	8	513	4.06	177	.05	9	1.54	.02	.13	1	29
94+00E 88+00N	1	18	33	79	.4	224	23	904	2.68	43	5	ND	4	55	.3	2	2	31	.53	.095	18	158	1.50	263	.08	6	1.65	.02	.17	1	18
94+00E 87+75N	1	25	15	70	.2	89	11	671	1.80	15	5	ND	3	72	.5	2	2	26	.62	.101	21	55	.52	268	.09	8	1.65	.02	.16	1	5
94+00E 87+50N	1	17	12	63	.1	37	6	468	1.47	6	5	ND	2	91	.4	2	2	25	.67	.104	22	22	.31	198	.07	6	1.56	.02	.15	1	5
94+00E 87+25N	1	19	12	60	.1	67	9	559	2.25	6	5	ND	5	84	.5	2	3	40	.59	.098	38	36	.46	169	.11	3	1.85	.02	.18	1	2
94+00E 87+00N	1	20	12	62	.1	43	7	479	1.73	5	5	ND	3	109	.3	2	2	29	.60	.088	29	27	.48	181	.09	4	1.70	.02	.18	1	4
STANDARD C/AU-S	19	57	35	132	7.0	68	30	1047	3.99	39	16	7	39	48	17.5	15	16	58	.51	.094	38	52	.93	175	.08	37	2.01	.06	.13	12	52

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	Au* ppb
94+00E 86+75N	1	12	9	61	.1	55	7	538	1.68	6	5	ND	2	112	.5	2	4	27	.64	.099	27	28	.47	185	.09	2	1.65	.02	.21	2	4
94+00E 86+50N	1	14	11	75	.1	59	8	641	1.79	7	5	ND	2	103	.7	2	3	28	.78	.110	26	33	.46	210	.08	7	1.71	.02	.19	2	1
94+00E 86+25N	1	22	11	64	.3	86	12	747	2.33	6	5	ND	5	69	.3	2	4	37	.60	.096	31	49	.62	198	.10	4	1.93	.02	.19	1	2
94+00E 86+00N	1	19	16	63	.1	65	10	755	2.14	7	5	ND	4	88	.4	2	4	34	.68	.101	30	33	.48	227	.10	2	1.85	.02	.19	3	1
94+00E 85+75N	1	14	12	57	.1	43	7	581	1.66	7	5	ND	3	86	.3	2	4	27	.57	.083	23	22	.33	190	.09	2	1.64	.02	.18	1	1
94+00E 85+50N	1	19	10	62	.2	32	5	371	1.56	9	5	ND	2	138	.4	2	2	28	.79	.104	24	21	.64	190	.09	6	1.78	.03	.13	1	1
94+00E 85+25N	1	9	13	50	.1	28	5	484	1.30	6	5	ND	1	73	.3	2	7	21	.55	.080	16	16	.27	190	.07	2	1.40	.02	.11	1	1
94+00E 85+00N	1	15	9	59	.1	42	7	723	1.87	7	5	ND	4	80	.2	2	5	29	.65	.090	22	23	.40	226	.08	2	1.83	.02	.16	2	2
94+00E 84+75N	1	18	13	60	.3	49	9	760	2.05	10	6	2	4	72	.2	3	3	32	.61	.099	26	28	.45	206	.09	5	1.83	.02	.18	1	1
94+00E 84+50N	1	19	10	65	.1	34	7	711	1.90	6	5	ND	1	77	.2	2	5	31	.63	.102	23	25	.39	219	.09	3	1.73	.02	.18	1	2
94+00E 84+25N	1	20	14	67	.1	34	7	686	1.92	3	5	ND	3	79	.3	2	3	31	.64	.093	26	25	.39	230	.10	4	1.93	.02	.19	1	3
94+00E 84+00N	1	15	13	70	.1	44	8	592	1.84	4	5	ND	2	86	.5	2	2	30	.61	.109	28	31	.42	211	.10	6	1.82	.02	.22	1	1
94+00E 83+75N	1	21	12	72	.1	88	11	770	2.45	9	5	ND	5	69	.2	2	3	37	.61	.103	36	47	.66	209	.11	4	2.03	.02	.25	1	1
94+00E 83+50N	1	20	10	70	.5	28	7	671	1.90	9	5	ND	5	77	.2	4	2	30	.65	.002	21	18	.38	240	.10	3	2.17	.02	.23	1	1
94+00E 83+25N	1	22	13	73	.4	15	7	753	1.79	8	7	ND	3	75	.3	3	4	24	.75	.086	16	15	.27	251	.08	2	1.92	.02	.20	1	3
94+00E 83+00N	1	20	27	75	.9	137	14	1367	2.29	42	5	ND	4	80	.5	6	4	25	.65	.077	18	39	.47	184	.07	5	1.49	.02	.14	2	5
95+00E 89+00N	1	24	11	68	.2	41	7	685	1.74	7	5	ND	2	101	.2	2	3	27	.78	.117	24	21	.37	210	.08	5	1.63	.02	.19	1	1
95+00E 88+75N	1	19	16	69	.1	153	12	964	1.95	31	5	ND	1	79	.2	2	2	25	.65	.098	19	50	.52	186	.08	3	1.55	.02	.14	2	33
95+00E 88+50N	1	19	27	85	1.9	122	16	1176	2.59	29	5	ND	2	57	.2	2	2	30	.43	.085	22	70	1.02	192	.08	2	1.60	.02	.15	1	15
95+00E 88+25N	1	21	15	71	.7	81	10	748	1.92	20	5	ND	2	82	.4	2	2	27	.63	.110	23	43	.55	178	.07	2	1.60	.02	.13	1	9
95+00E 88+00N	1	14	15	59	.1	94	12	649	2.24	10	5	ND	3	68	.2	2	2	37	.51	.079	28	55	.45	172	.11	2	1.89	.02	.15	1	1
95+00E 87+75N	1	14	4	49	.1	164	14	583	2.38	9	5	ND	4	58	.2	2	2	38	.40	.088	23	85	.56	145	.12	3	1.66	.02	.13	1	1
95+00E 87+50N	1	20	9	52	.2	285	26	811	3.14	7	5	ND	6	49	.2	2	2	38	.34	.077	29	181	1.50	203	.11	4	2.13	.02	.20	1	1
95+00E 87+25N	1	16	11	56	.2	80	10	569	2.00	3	5	ND	4	80	.4	2	2	33	.53	.097	28	42	.45	223	.11	2	1.86	.02	.19	1	3
95+00E 87+00N	1	17	29	77	.2	43	9	754	2.22	5	5	ND	4	50	.4	3	5	36	.42	.081	26	25	.32	197	.13	3	2.31	.02	.17	1	1
95+00E 86+75N	1	20	14	60	.3	46	8	531	2.01	8	5	ND	4	85	.6	4	2	35	.59	.104	32	25	.38	215	.12	3	2.21	.02	.17	1	1
95+00E 86+50N	1	14	13	61	.2	69	9	529	2.13	8	5	ND	6	84	.3	2	2	37	.57	.126	39	36	.48	172	.11	2	1.76	.02	.22	1	3
95+00E 86+25N	1	22	11	64	.1	65	8	561	1.95	7	5	ND	2	84	.2	2	4	33	.59	.107	31	30	.41	200	.11	6	1.90	.02	.20	1	2
95+00E 86+00N	1	21	9	73	.1	63	8	640	1.96	7	5	ND	1	81	.4	2	3	32	.62	.105	29	30	.43	189	.10	2	1.68	.02	.18	1	1
95+00E 85+75N	1	24	14	69	.1	40	8	958	2.00	6	5	ND	1	66	.4	2	2	29	.66	.092	24	23	.34	239	.10	5	2.20	.02	.14	1	3
95+00E 85+50N	1	30	9	72	.1	37	9	1077	2.24	8	5	ND	2	44	.5	3	2	32	.62	.081	23	24	.36	215	.10	4	1.99	.02	.19	1	1
95+00E 85+25N	1	38	7	76	.4	53	11	1115	2.59	7	5	ND	5	57	.4	2	2	34	.62	.103	26	25	.46	256	.09	2	1.74	.02	.22	1	3
95+00E 85+00N	1	40	10	75	.4	66	12	1034	2.64	6	5	ND	4	49	.2	2	2	37	.76	.096	25	31	.47	244	.09	2	1.73	.02	.19	1	1
95+00E 84+75N	1	22	6	69	.1	25	7	751	1.78	6	5	ND	1	56	.3	2	7	27	.55	.075	16	16	.24	219	.09	2	1.60	.02	.15	1	1
95+00E 84+50N	1	19	3	64	.1	47	8	724	1.76	6	5	ND	1	82	.2	2	2	26	.72	.097	23	23	.41	224	.08	2	1.70	.02	.18	1	1
95+00E 84+25N	1	27	12	69	.2	52	9	811	2.19	8	5	ND	2	62	.2	2	2	31	.57	.101	26	28	.47	218	.08	3	1.76	.02	.23	1	2
STANDARD C/AU-S	18	57	38	132	6.5	68	31	1047	3.94	42	5	6	36	49	17.7	15	20	58	.51	.094	39	56	.92	175	.08	39	1.94	.06	.13	8	51

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	Au* ppb
95+00E 84+00N	1	21	15	61	.2	11	6	741	1.54	4	5	ND	3	62	.4	2	5	23	.61	.076	16	11	.28	194	.08	4	1.63	.02	.18	1	1
95+00E 83+75N	1	18	10	66	.1	8	6	1110	1.65	7	5	ND	1	48	.5	2	6	24	.73	.109	12	8	.24	151	.06	5	1.29	.02	.12	2	1
95+00E 83+50N	1	17	14	65	.1	7	6	989	1.73	6	5	ND	2	48	.4	2	2	25	.59	.076	12	6	.24	196	.08	4	1.66	.02	.13	1	1
95+00E 83+25N	1	38	16	86	.1	22	18	1741	3.26	8	5	ND	2	33	.7	2	2	45	.63	.090	12	13	.20	211	.04	2	1.19	.01	.10	1	1
95+00E 83+00N	1	29	9	58	.1	7	7	864	1.65	4	5	ND	3	61	.3	3	2	22	.64	.063	11	6	.26	239	.07	2	1.58	.02	.22	1	1
96+00E 89+00N	1	20	17	58	.1	65	9	502	1.59	7	5	ND	3	105	.5	2	2	26	.63	.095	25	44	.55	171	.08	8	1.55	.02	.12	1	1
96+00E 88+75N	1	18	19	59	.1	80	9	570	1.78	10	5	ND	1	117	.5	2	2	30	.76	.117	30	50	.52	176	.08	7	1.57	.02	.14	1	1
96+00E 88+50N	1	20	17	58	.3	35	6	479	1.53	8	5	ND	1	121	.5	3	2	29	.66	.104	24	31	.38	147	.07	3	1.44	.02	.09	1	1
96+00E 88+25N	1	14	11	56	.1	37	7	484	1.57	4	5	ND	1	95	.2	2	2	28	.59	.090	22	35	.37	173	.08	4	1.48	.02	.11	1	4
96+00E 88+00N	1	12	15	45	.1	46	8	466	1.69	6	5	ND	3	97	.2	2	2	30	.49	.063	28	37	.44	158	.09	3	1.44	.02	.10	1	1
96+00E 87+75N	1	18	9	34	.1	70	12	573	1.54	7	5	ND	1	59	.3	2	3	19	.47	.069	14	43	.39	140	.07	2	1.27	.02	.07	1	2
96+00E 87+50N	1	16	10	42	.2	146	16	544	2.02	8	5	ND	5	42	.5	2	2	25	.31	.054	17	59	.47	182	.09	2	1.45	.02	.10	1	1
96+00E 87+25N	1	16	15	52	.3	580	35	722	2.57	17	6	ND	3	59	.2	2	4	21	.52	.086	10	84	1.10	143	.06	2	1.03	.01	.10	1	2
96+00E 87+00N	1	19	11	66	.1	238	15	529	1.92	9	5	ND	3	42	.5	2	8	28	.34	.106	21	58	.54	126	.07	7	1.14	.02	.14	1	1
96+00E 86+75N	1	26	15	53	.2	111	12	572	2.14	6	5	ND	7	54	.3	2	2	33	.41	.074	27	41	.44	265	.11	5	1.98	.02	.17	1	1
96+00E 86+50N	1	32	35	86	.4	634	36	884	3.06	24	5	ND	4	56	1.6	2	2	27	.47	.130	8	194	1.68	146	.07	7	1.10	.01	.08	1	1
96+00E 86+25N	1	22	14	54	.3	342	21	681	2.17	11	5	ND	5	72	.3	2	3	25	.46	.088	19	53	.69	150	.07	7	1.43	.02	.17	1	1
96+00E 86+00N	1	20	15	58	.1	74	10	546	2.12	5	5	ND	5	67	.2	2	2	35	.46	.087	35	31	.44	170	.10	2	1.74	.01	.21	1	7
96+00E 85+75N	1	21	13	68	.4	41	7	594	1.49	6	5	ND	5	90	.5	2	2	23	.66	.103	22	20	.33	203	.07	3	1.52	.02	.18	1	3
96+00E 85+50N	1	27	10	64	.1	43	10	858	2.20	6	5	ND	3	43	.8	2	2	31	.46	.071	25	26	.35	214	.09	5	1.81	.02	.15	1	3
96+00E 85+25N	1	23	15	62	.1	54	8	668	1.91	9	5	ND	2	66	.2	2	7	29	.59	.097	26	26	.41	193	.08	5	1.68	.01	.16	1	1
96+00E 85+00N	1	28	13	71	.1	58	9	716	2.22	9	5	ND	5	49	.4	2	2	35	.47	.081	29	29	.44	184	.09	2	1.74	.01	.27	1	1
96+00E 84+75N	1	25	10	66	.1	61	10	668	2.34	10	5	ND	5	61	.3	2	2	40	.43	.095	35	33	.46	160	.10	2	1.65	.01	.19	1	6
96+00E 84+50N	1	25	10	61	.1	58	9	658	1.98	7	5	ND	2	64	.4	2	2	30	.49	.100	28	29	.45	174	.09	4	1.61	.02	.21	1	3
96+00E 84+25N	1	30	11	65	.1	63	10	720	2.15	8	5	ND	4	62	.4	2	2	31	.53	.097	28	30	.49	198	.09	5	1.78	.01	.23	1	4
96+00E 84+00N	1	25	14	60	.2	100	13	748	2.64	6	5	ND	6	50	.3	2	6	41	.51	.093	36	50	.86	159	.08	2	1.62	.01	.20	2	1
96+00E 83+75N	1	21	11	72	.1	39	8	725	1.84	11	5	ND	4	69	.4	2	2	26	.59	.088	20	21	.37	209	.07	2	1.40	.01	.20	1	1
96+00E 83+50N	1	23	11	66	.2	13	6	877	1.66	2	5	ND	3	54	.2	2	3	24	.51	.070	12	10	.24	186	.06	3	1.32	.02	.11	1	1
96+00E 83+25N	1	18	6	71	.1	8	4	721	1.09	5	5	ND	1	76	.4	2	2	16	.76	.082	8	5	.16	184	.05	4	.93	.01	.11	1	4
96+00E 83+00N	1	31	13	63	.1	12	9	1050	2.52	6	5	ND	3	39	.6	2	6	28	.50	.053	19	8	.20	206	.07	2	1.62	.01	.13	1	5
98+00E 100+00N	1	14	9	50	.1	8	5	492	1.35	6	5	ND	2	87	.2	2	2	25	.45	.080	25	11	.21	131	.09	2	1.49	.02	.10	1	1
98+00E 99+75N	1	15	10	44	.1	7	5	366	1.54	6	5	ND	4	85	.3	2	3	28	.37	.101	30	13	.24	128	.12	2	2.00	.02	.09	1	1
98+00E 99+50N	1	17	11	48	.1	9	5	593	1.32	8	5	ND	3	107	.3	3	3	24	.46	.113	25	13	.20	152	.10	2	1.51	.02	.09	2	2
98+00E 99+25N	1	18	9	52	.1	8	5	602	1.30	8	5	ND	3	76	.3	2	2	26	.43	.106	24	11	.19	180	.08	2	1.21	.01	.09	1	1
98+00E 99+00N	1	18	15	53	.1	10	7	455	2.03	6	5	ND	8	87	.5	4	2	40	.44	.087	47	16	.33	117	.13	2	1.95	.02	.14	1	4
98+00E 98+75N	1	16	4	58	.1	8	5	509	1.43	8	9	ND	5	77	.3	2	6	30	.42	.073	23	9	.22	107	.10	2	1.31	.02	.11	1	3
STANDARD C/AU-S	18	62	35	132	7.1	68	31	1049	3.94	42	16	6	37	49	18.1	14	21	58	.50	.094	38	52	.92	177	.08	40	1.95	.06	.13	9	52

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	Au* ppb
98+00E 98+50N	1	17	9	52	.5	8	8	673	2.16	3	5	ND	5	108	.8	5	2	39	.53	.056	35	10	.40	148	.14	2	2.26	.03	.19	1	2
98+00E 98+25N	1	22	6	60	.4	7	7	1258	1.80	5	5	ND	2	216	.2	5	3	33	.87	.079	23	7	.34	159	.09	2	1.51	.03	.13	2	1
98+00E 98+00N	1	11	6	38	.5	9	7	501	1.84	4	6	ND	1	143	.2	3	2	32	.59	.067	25	10	.40	88	.07	2	1.54	.02	.13	1	1
98+00E 97+75N	1	26	11	72	.1	13	13	1049	3.31	4	5	ND	2	208	.5	2	2	58	.91	.120	48	34	.97	137	.06	2	2.75	.02	.20	1	2
98+00E 97+50N	1	12	3	23	.4	4	3	227	.99	4	5	ND	1	79	.2	2	2	20	.26	.036	10	6	.15	57	.07	3	.82	.02	.07	2	1
98+00E 97+25N	1	22	8	54	.5	8	5	448	1.49	7	6	ND	4	495	.3	5	3	28	.99	.090	32	15	.32	111	.10	3	1.58	.03	.13	1	1
98+00E 97+00N	1	12	4	39	.5	5	3	313	.83	5	7	ND	2	130	.2	2	2	15	.41	.102	13	4	.13	99	.06	2	.89	.02	.09	2	2
98+00E 96+75N	1	22	12	56	.4	7	5	784	1.35	8	5	ND	5	142	.2	4	2	22	.53	.105	32	7	.24	147	.08	2	1.62	.04	.10	1	1
98+00E 96+50N	1	19	18	55	.3	9	6	551	2.05	2	5	ND	11	80	.2	2	3	35	.37	.068	59	11	.32	155	.14	2	2.73	.02	.12	1	1
98+00E 96+25N	1	18	24	59	.2	9	7	643	2.14	2	5	ND	14	75	.2	2	2	34	.39	.077	73	9	.34	153	.14	2	3.08	.03	.17	1	1
98+00E 96+00N	1	27	22	68	.3	10	7	485	2.27	6	5	ND	21	94	.2	4	2	33	.59	.148	126	8	.45	131	.10	3	2.75	.03	.28	1	1
98+00E 95+75N	2	27	11	81	.3	7	10	910	3.12	3	5	ND	24	89	.2	4	2	54	.60	.190	157	5	.50	106	.10	2	2.18	.02	.26	1	2
98+00E 95+50N	2	27	15	83	.1	7	9	713	2.98	4	5	ND	21	87	.3	2	2	48	.64	.187	151	4	.52	110	.08	2	2.02	.01	.29	1	7
98+00E 95+00N	1	31	17	91	.1	14	13	871	3.94	2	5	ND	20	178	.2	2	2	73	1.14	.381	158	13	.85	96	.11	2	2.09	.02	.27	1	1
98+00E 94+75N	1	55	24	97	.1	26	13	796	3.35	7	5	ND	8	201	.2	2	2	57	1.02	.198	108	27	.85	126	.06	2	2.96	.09	.22	1	1
98+00E 94+50N	1	34	22	74	.3	18	9	531	2.26	4	5	ND	4	120	.4	4	2	39	.66	.135	58	16	.50	106	.08	2	2.06	.03	.28	1	1
98+00E 94+25N	1	28	10	71	.3	12	7	521	2.15	8	5	ND	5	201	.4	4	2	44	.87	.163	60	18	.40	131	.10	5	1.41	.02	.27	1	1
98+00E 94+00N	1	24	15	80	.1	13	6	629	1.71	4	5	ND	2	232	.4	2	3	30	.94	.116	43	14	.34	199	.11	4	1.86	.02	.24	1	1
98+00E 93+75N	1	23	15	60	.2	15	7	520	2.39	4	5	ND	8	153	.2	4	2	48	.61	.126	61	22	.44	130	.15	2	1.82	.02	.26	1	3
98+00E 93+50N	1	24	14	67	.2	15	7	518	2.52	2	5	ND	9	131	.5	3	2	54	.57	.148	65	24	.40	136	.16	2	1.85	.02	.20	1	1
98+00E 93+25N	1	46	15	77	.1	19	8	650	2.57	10	5	ND	8	103	.6	2	2	54	.60	.153	59	24	.43	164	.15	2	2.08	.02	.24	1	1
98+00E 93+00N	1	30	17	73	.3	42	10	601	2.86	6	5	ND	10	134	.3	5	2	57	.71	.148	68	33	.55	152	.14	2	1.87	.02	.33	1	1
98+00E 92+75N	1	21	4	57	.1	723	54	940	3.77	33	5	ND	3	92	.2	2	3	36	.58	.079	21	212	.85	88	.08	2	1.11	.02	.16	1	5
98+00E 92+50N	1	26	11	50	.3	428	42	870	2.63	10	5	ND	6	145	.2	5	2	33	.63	.082	31	114	.50	121	.10	5	1.64	.02	.21	1	1
98+00E 92+00N	1	12	12	34	.3	234	23	517	1.50	7	5	ND	1	111	.2	3	4	17	.77	.058	4	122	1.31	85	.05	5	.48	.01	.08	1	2
98+00E 91+75N	1	11	6	26	.3	349	23	386	1.64	8	5	ND	1	51	.2	2	2	15	.33	.027	3	191	2.56	102	.04	7	.49	.02	.07	1	1
98+00E 91+50N	1	12	3	27	.5	292	21	213	2.20	3	5	ND	3	30	.2	3	2	14	.20	.027	3	236	1.80	60	.06	4	1.09	.02	.13	1	1
98+00E 91+25N	1	12	2	28	.3	61	6	293	.88	2	7	ND	2	46	.2	2	2	15	.20	.043	7	23	.34	103	.06	2	.64	.02	.09	2	1
98+00E 91+00N	1	15	3	23	.6	37	5	252	.73	2	6	ND	4	55	.2	3	2	11	.23	.041	10	16	.29	69	.05	5	.68	.02	.11	2	3
98+00E 90+50N	1	34	8	44	.4	95	8	815	.98	4	5	ND	1	72	.2	2	2	19	1.37	.090	7	45	.38	384	.04	4	.70	.02	.07	1	4
98+00E 90+25N	1	7	3	21	.6	13	3	346	.66	4	5	ND	2	32	.2	3	2	17	.45	.050	3	7	.11	123	.05	3	.38	.02	.05	1	1
98+00E 90+00N	1	24	13	66	.1	136	13	648	2.43	9	5	ND	6	103	.2	2	2	40	.66	.116	51	64	.93	142	.10	2	1.55	.02	.17	1	1
98+00E 89+75N	1	18	5	49	.5	57	7	489	1.35	6	5	ND	6	89	.2	3	2	21	.35	.053	24	30	.42	127	.07	2	1.03	.02	.14	2	5
98+00E 89+50N	1	23	10	66	.1	21	7	462	2.14	2	5	ND	9	155	.3	3	2	31	.52	.083	54	19	.46	136	.13	4	2.28	.02	.27	1	2
98+00E 89+25N	1	23	9	65	.2	17	6	610	1.66	4	5	ND	7	127	.2	2	4	27	.44	.067	39	15	.30	133	.10	2	1.53	.01	.19	1	1
98+00E 89+00N	1	20	12	61	.5	35	7	516	1.89	8	5	ND	7	90	.2	4	2	32	.40	.096	39	30	.34	124	.11	2	1.57	.01	.16	1	2
STANDARD C/AU-S	19	60	36	132	7.1	69	30	1052	4.07	40	21	7	39	49	18.2	15	23	59	.52	.094	39	55	.95	174	.08	38	2.03	.06	.13	12	49

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	Au* ppb
98+00E 88+75N	1	12	9	56	.1	47	7	524	2.03	5	5	ND	6	94	.2	2	2	38	.46	.105	41	37	.39	136	.12	5	1.53	.02	.16	1	4
98+00E 88+50N	1	15	8	51	.2	48	8	473	2.00	5	5	ND	7	91	.2	3	2	39	.48	.099	43	43	.38	141	.12	3	1.46	.02	.12	1	4
98+00E 88+25N	1	18	10	49	.2	71	10	475	1.73	9	5	ND	4	134	.3	3	3	29	.55	.078	31	51	.67	156	.09	7	1.33	.02	.12	1	8
98+00E 88+00N	1	18	10	61	.3	64	9	556	1.86	8	5	ND	3	116	.2	2	3	31	.66	.125	31	47	.53	166	.09	5	1.44	.02	.15	1	2
98+00E 87+75N	1	20	10	54	.1	41	7	508	1.76	9	5	ND	2	134	.2	2	2	33	.72	.122	38	34	.40	146	.09	5	1.41	.02	.12	1	1
98+00E 87+50N	1	22	6	56	.1	34	7	495	1.69	5	5	ND	1	159	.3	2	2	32	.75	.123	37	29	.39	150	.09	6	1.58	.02	.13	1	1
98+00E 87+25N	1	23	12	54	.1	28	7	547	1.59	5	5	ND	1	141	.2	2	2	30	.70	.139	35	25	.31	153	.09	2	1.49	.02	.11	1	2
98+00E 87+00N	1	20	11	51	.5	41	8	558	1.75	7	5	ND	4	121	.3	2	2	31	.76	.126	31	32	.38	175	.09	6	1.66	.02	.17	1	2
98+00E 86+75N	1	21	9	59	.1	85	11	702	2.12	8	5	ND	2	75	.4	3	2	34	.56	.089	33	44	.42	175	.11	3	1.89	.02	.12	1	2
98+00E 86+50N	1	25	10	55	.2	183	18	712	2.57	12	5	ND	5	61	.2	2	2	39	.42	.079	35	100	.74	161	.11	2	1.86	.02	.14	1	3
98+00E 86+25N	1	19	7	48	.1	114	11	589	2.01	10	5	ND	2	66	.2	2	2	30	.44	.087	27	47	.47	189	.10	4	1.74	.02	.14	2	2
98+00E 86+00N	1	26	5	53	.2	117	12	649	2.28	15	5	ND	4	58	.6	5	2	34	.47	.080	29	44	.48	214	.10	4	1.80	.02	.17	1	1
98+00E 85+75N	1	23	15	64	.3	109	11	619	2.05	17	5	ND	4	72	.3	2	2	33	.62	.107	33	43	.45	184	.09	5	1.47	.01	.19	1	1
98+00E 85+50N	1	39	20	79	.1	131	14	688	2.84	24	5	ND	4	64	.3	2	2	43	.51	.089	44	59	.71	191	.09	2	1.90	.02	.15	1	24
98+00E 85+25N	1	27	8	67	.1	65	9	668	1.88	14	5	ND	2	66	.2	2	2	28	.53	.083	24	30	.37	205	.08	2	1.51	.02	.19	1	4
98+00E 85+00N	1	27	10	64	.2	58	9	611	1.85	10	5	ND	4	73	.4	2	3	30	.56	.094	28	28	.36	194	.09	3	1.47	.02	.18	1	1
98+00E 84+75N	1	23	8	71	.2	54	8	616	1.65	8	5	ND	2	75	.2	2	2	26	.62	.099	24	25	.33	199	.08	6	1.32	.02	.16	1	1
98+00E 84+50N	2	20	13	66	.1	42	9	861	2.13	9	5	ND	3	41	.5	2	2	35	.37	.079	28	29	.32	212	.10	4	1.84	.01	.14	1	2
98+00E 84+25N	1	26	8	65	.1	44	8	623	1.86	3	5	ND	2	69	.3	2	2	29	.61	.090	24	27	.35	228	.08	4	1.61	.02	.18	1	2
98+00E 84+00N	1	27	5	72	.1	50	9	756	2.10	4	5	ND	3	68	.2	2	2	31	.68	.120	26	29	.40	272	.08	2	1.58	.02	.20	1	1
98+00E 83+75N	1	22	8	61	.3	40	8	646	1.82	5	5	ND	4	84	.2	2	2	30	.64	.109	31	24	.38	207	.09	4	1.67	.02	.16	1	1
98+00E 83+50N	1	21	7	62	.1	49	9	570	2.08	6	5	ND	6	78	.2	2	2	37	.54	.112	39	33	.45	148	.10	6	1.48	.02	.19	1	1
98+00E 83+25N	1	21	9	60	.2	44	8	608	1.76	3	5	ND	4	90	.3	2	5	29	.60	.123	31	30	.41	174	.08	3	1.54	.02	.17	1	1
98+00E 83+00N	1	23	5	61	.2	44	8	639	2.04	9	5	ND	3	58	.2	2	5	33	.54	.086	28	28	.41	172	.08	2	1.62	.02	.23	1	1
99+00E 100+00N	1	20	12	67	.1	13	6	517	1.84	3	5	ND	3	98	.3	2	2	36	.53	.101	38	20	.29	175	.13	2	1.87	.02	.16	1	1
99+00E 99+75N	1	18	10	51	.2	9	5	504	1.39	4	5	ND	4	81	.2	2	5	26	.43	.091	23	12	.21	161	.11	3	1.68	.02	.17	1	1
99+00E 99+50N	1	17	10	60	.1	20	6	542	1.69	5	5	ND	4	83	.4	2	2	32	.44	.098	29	20	.28	159	.12	3	1.75	.02	.16	1	1
99+00E 99+25N	1	21	11	72	.2	19	6	516	1.57	5	5	ND	5	157	.2	2	2	27	.60	.117	40	14	.24	158	.10	3	1.68	.02	.16	2	2
99+00E 99+00N	1	17	6	53	.2	10	5	475	1.76	2	5	ND	9	79	.2	2	2	34	.39	.122	41	16	.27	148	.13	2	1.72	.02	.14	1	4
99+00E 98+75N	1	21	18	66	.2	11	7	1306	1.87	6	5	ND	3	69	.3	2	4	37	.50	.164	34	17	.36	137	.12	2	1.47	.02	.09	1	1
99+00E 98+50N	1	19	11	57	.3	8	4	574	1.42	2	5	ND	4	121	.2	2	2	29	.66	.136	26	12	.24	158	.10	5	1.50	.02	.14	1	3
99+00E 98+25N	1	17	9	45	.2	4	5	665	1.32	9	5	ND	4	143	.3	2	2	26	.66	.086	21	8	.21	160	.10	6	1.43	.02	.16	2	1
99+00E 98+00N	1	21	14	59	.1	9	5	641	1.52	4	5	ND	3	129	.3	2	2	30	.65	.119	27	12	.26	164	.10	3	1.57	.02	.15	1	4
99+00E 97+75N	1	16	9	50	.4	9	5	538	1.71	3	5	ND	7	147	.3	2	2	35	.57	.093	47	15	.28	136	.13	2	1.57	.02	.16	2	1
99+00E 97+50N	2	21	13	70	.1	8	8	803	2.25	2	5	ND	12	86	.2	2	3	37	.46	.117	92	7	.36	133	.10	2	2.13	.02	.18	1	6
99+00E 97+25N	1	20	8	77	.1	6	7	633	1.67	4	5	ND	5	126	.2	2	2	29	.63	.146	49	9	.26	163	.11	2	1.62	.02	.17	1	2
STANDARD C/AU-S	18	58	35	132	7.0	67	30	1047	3.90	37	20	7	38	48	17.6	18	17	58	.49	.100	38	52	.90	177	.08	35	1.89	.06	.13	11	47

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	Au* ppb
99+00E 97+00N	1	12	9	44	.2	5	5	422	1.48	5	5	ND	10	64	.2	2	2	25	.30	.052	35	7	.20	129	.11	2	1.69	.02	.13	1	2
99+00E 96+75N	1	19	7	66	.1	5	6	868	2.09	2	5	ND	14	74	.2	2	2	37	.45	.094	72	5	.35	100	.10	3	1.82	.02	.13	1	1
99+00E 96+50N	1	17	10	69	.1	6	7	597	2.14	3	5	ND	9	83	.2	2	2	37	.47	.107	78	8	.33	137	.10	3	1.79	.01	.18	1	3
99+00E 96+25N	2	26	12	68	.1	8	10	723	2.65	3	5	ND	11	113	.2	2	2	49	.68	.197	97	10	.52	116	.12	2	2.06	.01	.25	1	3
99+00E 96+00N	2	37	16	76	.1	12	14	1019	3.62	6	5	ND	19	162	.2	3	2	73	1.06	.376	138	11	.80	95	.13	4	2.31	.02	.25	1	3
99+00E 95+75N	1	34	16	95	.1	13	13	771	3.29	8	5	ND	17	189	.2	3	2	62	1.40	.484	161	10	1.10	97	.12	4	2.04	.02	.23	1	2
99+00E 95+50N	1	28	17	72	.1	9	10	649	2.39	2	5	ND	12	154	.2	2	2	42	.94	.264	110	6	.60	129	.08	7	1.62	.01	.30	1	2
99+00E 95+25N	1	30	12	72	.1	7	9	637	2.20	6	5	ND	6	258	.2	2	3	39	.94	.215	95	7	.52	134	.09	4	1.65	.02	.26	1	3
99+00E 95+00N	1	22	10	51	.1	6	7	581	1.76	2	5	ND	7	163	.4	2	2	29	.58	.131	80	6	.35	121	.08	4	1.52	.02	.21	1	1
99+00E 94+75N	1	16	7	41	.1	6	5	375	1.67	2	5	ND	7	239	.2	2	2	29	.44	.065	54	11	.27	87	.10	6	1.35	.02	.22	1	1
99+00E 94+50N	1	19	9	46	.1	7	5	493	1.64	2	5	ND	3	384	.2	2	2	30	.74	.085	44	13	.35	100	.09	4	1.29	.02	.27	1	1
99+00E 94+25N	1	22	12	49	.2	8	6	414	1.87	2	5	ND	7	280	.2	3	2	40	.60	.104	57	16	.33	116	.12	4	1.27	.02	.20	1	1
99+00E 94+00N	1	21	11	57	.1	7	6	443	1.96	4	5	ND	9	241	.2	2	3	40	.63	.121	57	17	.33	128	.13	4	1.51	.02	.27	1	1
99+00E 93+75N	1	24	14	57	.2	10	6	406	1.76	6	5	ND	4	387	.3	2	2	38	.86	.108	49	15	.32	113	.11	3	1.40	.02	.20	1	2
99+00E 93+50N	1	25	17	58	.1	8	6	443	1.70	4	5	ND	5	260	.2	2	2	37	.76	.133	47	16	.31	130	.11	5	1.47	.02	.20	2	1
99+00E 93+25N	1	23	15	59	.2	10	5	448	1.69	2	5	ND	5	217	.2	2	2	37	.71	.134	48	19	.26	130	.10	5	1.35	.02	.17	1	2
99+00E 93+00N	1	24	13	64	.1	9	6	446	1.84	3	5	ND	6	154	.2	2	4	40	.61	.132	49	17	.27	120	.12	2	1.54	.02	.17	1	1
99+00E 92+75N	1	27	12	64	.1	12	6	473	2.13	5	5	ND	8	168	.3	2	2	45	.62	.147	59	20	.32	124	.13	4	1.66	.02	.20	1	2
99+00E 92+50N	1	23	10	63	.3	12	6	456	1.83	3	5	ND	8	152	.2	3	2	35	.56	.107	48	16	.30	154	.12	6	1.65	.02	.25	1	1
99+00E 92+25N	1	23	11	61	.1	17	7	467	2.19	2	5	ND	9	150	.2	2	2	40	.57	.099	59	21	.42	146	.13	5	1.85	.02	.29	1	3
99+00E 92+00N	1	23	14	66	.1	22	8	487	2.27	10	5	ND	8	110	.3	3	2	43	.50	.109	50	25	.41	150	.15	3	1.72	.02	.33	1	1
99+00E 91+75N	4	28	21	68	.3	91	12	492	2.50	7	5	ND	11	101	.3	6	2	42	.51	.118	57	50	.76	144	.11	7	1.93	.02	.37	1	1
99+00E 91+50N	2	23	11	57	.2	568	34	535	3.06	7	5	ND	8	70	.2	3	2	37	.42	.093	39	254	3.90	114	.08	13	1.61	.01	.28	1	2
99+00E 91+25N	2	19	5	51	.5	613	37	599	2.94	11	5	ND	9	58	.2	4	2	33	.32	.081	32	233	3.93	147	.08	13	1.42	.02	.22	1	5
99+00E 91+00N	1	23	13	62	.2	113	13	516	2.38	2	5	ND	11	113	.2	3	2	42	.56	.129	64	59	1.10	153	.11	7	1.46	.01	.28	1	2
99+00E 90+75N	1	19	12	45	.3	261	21	550	2.03	6	5	ND	6	76	.2	4	2	28	.42	.075	31	107	1.93	177	.09	7	1.25	.02	.19	1	1
99+00E 90+50N	1	18	11	51	.2	117	13	493	2.00	3	5	ND	6	102	.2	2	2	32	.47	.091	38	70	.82	160	.10	3	1.53	.02	.20	1	1
99+00E 90+25N	1	19	8	67	.4	42	8	498	1.50	2	5	ND	5	123	.2	2	2	27	.53	.076	31	25	.37	138	.09	5	1.32	.02	.15	1	1
99+00E 90+00N	1	15	7	48	.3	21	6	441	1.44	2	5	ND	5	93	.2	4	6	26	.37	.063	31	18	.25	123	.10	2	1.38	.02	.12	2	1
99+00E 89+75N	1	18	13	56	.1	33	6	531	1.50	4	5	ND	4	103	.2	2	2	28	.43	.096	33	21	.25	121	.10	5	1.50	.02	.10	1	1
99+00E 89+50N	1	20	8	54	.2	67	9	547	1.72	7	5	ND	7	91	.2	2	3	31	.48	.079	33	31	.33	129	.11	4	1.45	.02	.16	1	1
99+00E 89+25N	1	30	16	75	.5	158	18	892	2.11	7	5	ND	10	148	.2	3	2	30	.76	.089	46	67	.75	197	.09	11	1.60	.02	.24	1	1
99+00E 89+00N	1	20	12	50	.3	104	12	543	1.90	3	5	ND	8	75	.2	3	6	29	.38	.051	37	53	.60	115	.09	4	1.46	.02	.20	1	1
99+00E 88+75N	1	17	8	48	.1	62	9	404	2.12	2	5	ND	10	91	.2	2	2	40	.40	.081	55	39	.45	100	.13	4	1.40	.02	.17	1	1
99+00E 88+50N	1	23	12	53	.1	33	9	509	2.15	3	5	ND	11	124	.2	4	2	42	.46	.089	61	26	.48	118	.13	6	1.42	.02	.24	1	1
99+00E 88+25N	1	21	5	59	.1	21	6	365	1.59	2	5	ND	6	361	.2	2	2	26	.57	.054	34	19	.44	123	.10	12	1.30	.02	.29	1	1
STANDARD C/AU-S	19	58	38	132	7.2	67	31	1044	3.87	39	22	7	39	48	18.0	16	23	58	.49	.094	39	56	.90	176	.08	37	1.92	.06	.13	11	52

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	Au* ppb
99+00E 88+00N	1	14	21	144	.1	16	14	508	2.18	13	5	ND	2	379	.7	2	2	20	.88	.156	10	10	.32	172	.05	12	1.22	.01	.18	1	37
99+00E 87+75N	1	17	7	95	.4	28	4	523	.92	8	5	ND	1	711	.5	2	2	16	1.69	.140	18	14	.47	191	.06	21	.79	.02	.12	1	5
99+00E 87+50N	1	32	19	68	.1	190	21	828	2.48	6	5	ND	6	93	.5	2	2	30	.54	.062	36	101	1.31	161	.07	4	1.73	.02	.27	1	4
99+00E 87+25N	1	56	11	73	.1	102	20	1052	2.42	17	5	ND	3	96	.3	2	2	38	.90	.073	21	65	.74	196	.06	5	1.41	.01	.21	2	5
99+00E 87+00N	1	40	6	81	.1	46	13	789	1.91	13	5	ND	4	101	.3	3	2	32	.93	.121	12	40	.46	455	.07	10	1.24	.02	.17	1	1
99+00E 86+75N	1	11	2	34	.4	142	13	353	1.32	4	5	ND	4	39	.2	3	2	18	.32	.025	5	109	.67	126	.06	4	.84	.02	.09	2	1
99+00E 86+50N	1	12	12	50	.1	88	9	458	1.98	4	5	ND	5	42	.3	2	2	31	.30	.031	21	45	.44	137	.12	2	1.79	.02	.12	1	12
99+00E 86+25N	1	19	7	52	.3	101	10	611	1.89	9	5	ND	5	63	.2	2	2	31	.41	.070	25	45	.41	144	.10	3	1.49	.02	.12	1	3
99+00E 86+00N	1	17	14	52	.1	316	20	695	2.58	9	5	ND	6	58	.2	2	2	32	.41	.073	28	71	.69	167	.12	6	1.95	.02	.19	1	16
99+00E 85+75N	1	22	13	54	.1	104	13	779	2.57	9	5	ND	7	53	.2	2	2	41	.48	.085	33	49	.54	170	.10	3	1.48	.02	.20	1	3
99+00E 85+50N	1	20	15	62	.2	115	13	595	2.56	12	5	ND	8	57	.7	6	2	44	.42	.087	35	50	.56	139	.11	3	1.43	.01	.16	1	1
99+00E 85+25N	1	26	11	65	.1	93	11	582	2.18	9	5	ND	5	62	.5	2	4	36	.43	.096	32	40	.42	159	.10	4	1.40	.02	.16	1	5
99+00E 85+00N	1	23	19	79	.1	53	9	658	2.01	8	5	ND	3	63	.3	2	5	33	.50	.095	29	29	.34	197	.10	2	1.61	.02	.18	2	3
99+00E 84+75N	2	23	16	85	.1	41	8	817	1.68	9	5	ND	2	96	.3	2	3	27	.75	.088	23	21	.31	229	.08	2	1.34	.01	.15	1	1
99+00E 84+50N	1	28	21	74	.1	45	10	1159	2.16	6	5	ND	4	56	.5	2	2	35	.47	.075	31	25	.39	289	.10	3	1.83	.02	.16	1	1
99+00E 84+25N	2	26	14	58	.1	41	8	1023	1.40	9	5	ND	1	90	.2	2	3	21	.76	.119	17	19	.33	287	.06	9	1.21	.02	.20	1	1
99+00E 84+00N	1	26	7	52	.1	197	18	980	2.40	4	5	ND	3	71	.2	2	2	31	.54	.073	22	93	1.50	255	.07	5	1.84	.01	.18	1	1
99+00E 83+75N	1	26	15	80	.2	167	15	974	2.31	6	5	ND	3	109	.3	2	2	29	.93	.115	21	69	1.07	249	.07	10	1.79	.01	.22	1	2
99+00E 83+50N	1	20	10	64	.1	293	22	692	1.86	6	5	ND	2	61	.5	2	5	20	.45	.102	13	156	1.88	191	.07	10	1.47	.02	.17	1	1
99+00E 83+25N	1	19	5	55	.1	29	6	644	1.30	2	5	ND	1	60	.3	2	2	19	.53	.085	15	16	.28	174	.07	5	1.39	.01	.13	1	1
99+00E 83+00N	1	20	7	55	.4	14	4	686	1.13	6	5	ND	2	60	.3	3	2	18	.66	.086	12	9	.19	215	.08	2	1.49	.02	.09	1	1
100+00N 83+25E	1	19	11	61	.1	8	5	459	1.41	4	5	ND	2	109	.4	2	4	25	.44	.067	26	11	.24	154	.10	2	1.65	.02	.15	1	1
100+00N 83+50E	1	18	9	74	.2	7	6	528	1.65	2	5	ND	3	247	.2	3	3	28	.57	.106	31	11	.37	135	.10	3	1.72	.02	.17	1	2
100+00N 83+75E	1	22	6	60	.1	8	7	431	1.97	2	5	ND	2	402	.2	2	2	32	.72	.102	33	11	.56	130	.10	2	1.40	.02	.19	1	1
100+00N 84+25E	1	23	7	72	.1	9	16	498	3.93	2	5	ND	6	286	.2	2	2	80	.91	.205	51	22	1.38	85	.20	2	1.33	.03	.26	1	1
100+00N 84+50E	1	23	6	83	.1	11	16	573	4.33	2	5	ND	7	235	.2	2	2	93	.93	.219	55	25	1.52	85	.23	2	1.54	.03	.21	1	1
100+00N 84+75E	1	22	15	75	.1	11	9	509	2.46	6	5	ND	8	117	.4	2	2	49	.58	.140	55	20	.51	136	.15	2	2.10	.02	.21	1	2
100+00N 85+25E	1	27	11	65	.1	8	6	519	1.50	5	5	ND	2	141	.4	2	2	28	.71	.150	37	9	.30	148	.10	2	1.71	.02	.11	1	1
100+00N 85+50E	1	18	15	58	.1	7	6	510	1.63	2	5	ND	3	103	.3	2	2	32	.57	.116	37	11	.28	164	.11	3	1.84	.02	.14	1	3
100+00N 85+75E	1	22	10	50	.3	12	7	495	1.70	3	5	ND	6	108	.2	2	2	33	.57	.113	40	13	.28	166	.11	2	1.75	.02	.18	1	2
100+00N 86+25E	1	22	13	64	.3	10	8	481	2.08	6	5	ND	10	172	.6	4	2	41	.67	.158	65	17	.37	152	.13	2	1.94	.02	.21	1	1
100+00N 86+50E	1	23	5	45	.4	7	7	506	1.61	2	5	ND	5	233	.3	3	7	30	.60	.102	37	11	.32	153	.09	7	1.69	.02	.20	1	2
100+00N 86+75E	1	19	14	60	.2	9	7	451	2.36	2	5	ND	7	99	.3	2	2	47	.52	.130	45	18	.37	146	.12	2	1.97	.02	.23	1	3
100+00N 87+25E	1	22	14	61	.3	10	6	426	2.00	7	5	ND	9	101	.3	4	2	39	.49	.124	47	17	.30	151	.14	2	2.03	.02	.20	1	2
100+00N 87+50E	1	20	12	59	.5	9	6	429	1.86	3	5	ND	8	90	.2	2	2	36	.48	.113	41	15	.27	170	.13	2	2.10	.02	.19	1	1
100+00N 87+75E	1	20	8	58	.3	8	6	429	1.82	4	5	ND	6	93	.2	3	2	36	.47	.113	42	15	.26	154	.13	2	1.96	.02	.16	1	3
STANDARD C/AU-S	19	58	37	132	6.7	67	31	1050	3.96	38	21	7	39	49	18.1	15	18	59	.51	.095	39	53	.93	183	.08	38	1.94	.06	.13	11	45

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	Au* ppb
100+00N 88+25E	1	23	8	51	.2	9	4	423	1.31	3	5	ND	1	557	.2	2	3	24	1.49	.096	32	11	.32	112	.08	8	1.11	.03	.22	1	1
100+00N 88+50E	1	33	11	64	.2	8	5	403	1.37	5	5	ND	1	562	.2	4	2	25	1.41	.101	36	11	.35	97	.09	12	1.49	.02	.22	1	1
100+00N 88+75E	1	16	14	61	.3	7	4	476	1.39	4	5	ND	1	152	.5	3	2	27	.61	.132	34	12	.24	122	.08	2	1.40	.02	.11	1	2
100+00N 89+25E	1	19	10	64	.1	8	5	495	1.50	6	5	ND	1	141	.2	2	7	28	.58	.102	38	12	.25	157	.09	5	1.57	.02	.16	1	68
100+00N 89+50E	1	17	12	71	.1	8	4	510	1.35	4	5	ND	1	96	.3	3	2	22	.46	.069	31	11	.24	159	.09	3	1.66	.02	.12	1	4
100+00N 89+75E	1	14	13	68	.1	9	5	408	1.57	3	5	ND	5	74	.2	4	2	25	.32	.077	41	15	.29	150	.10	2	2.00	.03	.12	1	2
100+00N 90+25E	1	25	10	157	.3	4	3	534	.96	3	6	ND	1	207	.4	3	2	16	1.00	.238	26	5	.19	175	.05	8	.96	.01	.29	1	4
100+00N 90+50E	1	16	13	80	.1	5	6	484	1.39	6	5	ND	1	101	.2	2	4	25	.46	.114	46	9	.22	138	.09	2	1.47	.02	.18	1	2
100+00N 90+75E	1	22	14	82	.3	10	7	510	1.80	5	5	ND	3	154	.4	3	4	35	.68	.122	46	16	.34	171	.11	5	1.67	.01	.26	1	3
100+00N 91+25E	1	19	14	74	.1	8	6	490	1.43	7	5	ND	1	157	.3	3	3	25	.69	.106	38	10	.26	170	.09	3	1.54	.02	.16	1	1
100+00N 91+50E	1	28	16	73	.4	15	7	523	2.20	9	5	ND	6	157	.2	3	2	41	.61	.119	68	22	.45	146	.11	2	1.98	.02	.26	1	6
100+00N 91+75E	1	25	15	61	.2	12	6	486	1.59	6	5	ND	3	155	.2	3	2	29	.64	.111	47	13	.29	157	.09	2	1.71	.02	.18	1	1
100+00N 92+25E	1	13	11	50	.1	9	5	488	1.37	2	5	ND	1	117	.2	2	2	25	.53	.098	28	11	.22	149	.09	3	1.57	.02	.10	1	1
100+00N 92+50E	1	13	13	49	.1	11	5	502	1.74	2	5	ND	5	90	.4	2	2	33	.42	.079	39	15	.27	161	.14	2	2.19	.02	.11	1	1
100+00N 92+75E	1	11	10	48	.1	7	4	482	1.25	4	5	ND	1	59	.2	3	2	23	.27	.144	24	10	.19	130	.09	2	1.31	.02	.11	1	1
83+00N 84+25E	1	17	12	49	.3	7	5	770	1.66	3	5	ND	1	50	.2	5	3	25	.51	.071	18	8	.31	173	.07	2	1.54	.02	.17	1	1
83+00N 84+50E	1	15	10	47	.1	8	6	816	1.73	2	5	ND	1	40	.2	3	4	23	.54	.054	16	7	.34	171	.06	4	1.36	.01	.18	1	2
83+00N 84+75E	1	15	14	64	.2	7	8	944	2.36	4	5	ND	1	38	.2	2	2	25	.76	.063	15	7	.45	202	.03	4	1.32	.01	.22	1	2
83+00N 85+25E	1	13	12	71	.3	5	7	642	2.36	9	5	ND	1	40	.2	3	2	23	.72	.035	10	5	.35	112	.02	5	1.10	.02	.24	1	4
83+00N 85+50E	1	11	4	45	.1	4	3	452	1.08	4	5	ND	1	43	.4	2	2	16	.75	.028	5	3	.17	85	.03	2	.48	.02	.07	1	1
83+00N 85+75E	1	30	8	59	.1	8	7	1202	1.45	8	5	ND	1	67	.2	2	2	19	1.34	.051	6	4	.22	233	.03	7	.55	.02	.07	1	3
83+00N 86+25E	1	20	11	69	.3	8	9	1076	2.33	3	5	ND	1	32	.2	3	2	24	.63	.059	12	6	.37	167	.03	4	1.14	.01	.20	1	1
83+00N 86+50E	1	89	11	64	.4	31	18	1413	3.82	3	5	ND	1	64	.2	2	2	73	2.12	.126	13	20	.71	387	.02	2	1.61	.02	.14	1	1
83+00N 86+75E	1	81	18	77	.6	27	13	1465	3.46	8	5	ND	1	41	.2	4	2	46	.94	.093	17	16	.46	257	.05	2	1.64	.01	.16	1	1
83+00N 87+25E	1	19	11	77	.1	11	10	967	2.24	2	5	ND	1	36	.2	2	2	24	.67	.097	12	7	.22	212	.04	3	1.10	.02	.11	1	3
83+00N 87+50E	1	28	12	63	.1	21	10	931	2.28	8	5	ND	1	42	.2	2	2	32	.45	.082	24	15	.35	139	.08	2	1.39	.02	.15	1	1
83+00N 87+75E	1	21	17	62	.3	18	8	840	2.18	3	5	ND	3	45	.2	3	2	31	.43	.086	24	15	.31	188	.09	2	1.67	.02	.17	1	1
83+00N 88+25E	1	22	14	50	.1	18	7	760	1.90	5	5	ND	1	50	.2	2	2	30	.47	.083	24	14	.32	192	.09	2	1.54	.01	.17	1	1
83+00N 88+50E	1	19	13	53	.1	19	6	681	1.75	4	5	ND	1	55	.2	2	2	29	.45	.085	26	16	.30	164	.08	2	1.40	.01	.17	1	2
83+00N 88+75E	1	25	14	52	.3	20	7	722	1.88	8	5	ND	1	49	.3	2	2	31	.46	.080	26	18	.32	167	.09	2	1.46	.01	.16	1	1
83+00N 89+25E	1	14	12	55	.4	12	5	544	1.23	8	5	ND	1	77	.3	5	2	19	.62	.105	17	9	.22	156	.05	2	1.13	.01	.16	1	1
83+00N 89+50E	1	22	17	57	.2	20	7	906	1.78	6	5	ND	1	58	.2	2	2	28	.66	.091	21	14	.28	208	.08	2	1.69	.02	.14	1	3
83+00N 89+75E	1	30	13	61	.5	30	9	820	2.22	9	5	ND	2	50	.2	2	2	32	.52	.082	28	20	.41	166	.08	2	1.52	.01	.17	1	4
83+00N 90+25E	1	25	16	66	.4	32	8	870	2.02	10	5	ND	3	57	.3	3	2	30	.53	.087	24	22	.41	188	.07	5	1.32	.01	.16	1	3
83+00N 90+50E	1	16	11	53	.1	40	8	743	1.70	3	5	ND	1	58	.2	2	2	25	.47	.082	21	21	.31	160	.07	2	1.18	.01	.14	1	1
83+00N 90+75E	1	19	12	103	.1	24	13	793	3.46	2	5	ND	2	59	.2	2	2	81	.69	.223	32	72	1.29	206	.21	2	2.32	.02	.17	1	1
STANDARD C/AU-S	18	58	42	132	6.9	67	30	1047	3.89	38	23	7	36	49	17.7	15	21	59	.50	.094	39	56	.91	173	.08	36	1.94	.06	.14	13	50

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	Au* ppb
83+00N 91+25E	1	24	9	49	.1	36	8	718	1.64	2	5	ND	2	149	.2	2	2	23	.70	.085	22	22	.46	201	.06	5	1.25	.02	.15	2	1
83+00N 91+50E	1	21	11	59	.2	57	10	790	2.15	4	5	ND	3	63	.2	2	2	33	.58	.085	34	34	.50	191	.07	4	1.41	.02	.14	1	1
83+00N 91+75E	1	26	16	60	.3	54	11	869	2.26	5	5	ND	3	65	.2	2	2	35	.58	.098	36	35	.47	203	.08	3	1.53	.02	.15	1	3
83+00N 92+25E	1	24	12	64	.2	25	8	912	2.12	2	5	ND	3	53	.2	2	2	29	.46	.071	22	17	.35	245	.08	3	1.92	.02	.15	1	1
83+00N 92+50E	1	34	9	67	.1	29	8	983	2.11	5	5	ND	2	45	.2	2	3	31	.47	.070	16	19	.33	269	.10	3	2.33	.02	.14	1	6
83+00N 92+75E	1	19	12	68	.2	27	8	851	1.99	7	5	ND	3	48	.2	2	2	28	.47	.073	21	18	.31	231	.09	3	2.05	.02	.14	1	1
83+00N 96+25E	1	28	13	93	.3	16	11	1188	2.55	12	5	ND	1	38	.2	2	2	26	.92	.091	15	10	.22	248	.05	6	1.47	.02	.17	1	4
83+00N 96+50E	2	28	10	72	.2	10	10	1624	2.58	4	5	ND	1	37	.2	2	3	26	.73	.103	12	7	.29	256	.03	3	1.34	.02	.13	1	2
83+00N 96+75E	1	21	9	79	.1	14	12	1563	2.31	5	5	ND	1	51	.2	2	2	24	.86	.097	9	12	.25	175	.04	7	1.41	.02	.15	1	15
STANDARD C/AU-S	19	59	37	133	7.1	73	31	1051	4.13	36	22	7	37	53	19.9	15	21	57	.53	.098	38	60	.94	182	.08	34	1.99	.06	.13	11	51

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

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3rd floor-311 Water St., Vancouver B.C V6B 1B8 Submitted by: LINDA LEE

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	Au* ppb
100+00N 93+25E	1	18	22	59	.1	7	5	605	1.26	3	5	ND	2	109	.3	2	2	24	.55	.119	29	11	.22	149	.14	3	1.58	.02	.08	1	1
100+00N 93+50E	1	16	11	60	.1	5	4	554	1.04	3	5	ND	2	96	.2	2	2	21	.42	.111	16	8	.16	162	.11	2	1.26	.02	.08	1	3
100+00N 93+75E	1	21	6	77	.1	8	6	716	1.28	4	5	ND	2	170	.3	2	3	23	.55	.122	34	10	.26	163	.09	5	1.43	.02	.11	1	3
100+00N 94+25E	1	16	7	43	.1	7	5	342	1.35	2	5	ND	3	183	.2	2	4	25	.52	.083	32	12	.29	102	.11	3	1.68	.02	.11	1	4
100+00N 94+50E	1	16	6	54	.1	9	4	247	1.50	2	5	ND	4	187	.3	3	2	28	.47	.051	35	12	.28	92	.13	6	1.84	.02	.11	1	1
100+00N 94+75E	1	15	4	43	.1	6	3	301	1.05	3	5	ND	2	247	.2	2	2	21	.51	.112	17	8	.18	85	.10	6	1.15	.02	.09	2	2
100+00N 95+25E	1	12	4	45	.1	6	3	364	1.24	2	5	ND	2	134	.5	2	2	24	.35	.081	20	11	.19	95	.12	4	1.42	.02	.11	1	4
100+00N 95+50E	1	15	8	51	.1	7	4	419	1.29	6	5	ND	3	147	.2	2	2	24	.45	.162	23	10	.21	132	.13	6	1.74	.02	.12	1	2
100+00N 95+75E	1	20	9	73	.1	10	6	618	1.74	6	5	ND	3	119	.2	2	2	32	.40	.286	36	14	.32	149	.14	4	2.01	.02	.10	1	4
100+00N 96+25E	1	16	4	52	.1	8	4	723	1.42	3	5	ND	3	186	.4	2	2	27	.53	.196	30	11	.25	169	.13	6	1.83	.02	.12	1	4
100+00N 96+50E	1	15	9	40	.1	9	4	435	1.51	3	5	ND	6	147	.2	2	2	33	.42	.095	34	15	.23	130	.15	3	1.47	.02	.10	1	5
100+00N 96+75E	1	20	4	45	.1	5	3	328	1.07	2	5	ND	3	357	.2	2	2	20	1.17	.052	23	10	.22	101	.10	6	1.25	.03	.12	1	3
100+00N 97+25E	1	17	4	47	.1	6	4	493	1.33	2	5	ND	4	206	.2	2	2	27	.58	.175	31	11	.22	143	.12	4	1.50	.02	.11	1	4
100+00N 97+50E	1	15	8	59	.1	8	4	484	1.38	2	5	ND	5	197	.3	2	2	26	.68	.090	30	14	.24	126	.13	9	1.49	.02	.18	1	5
100+00N 97+75E	1	20	15	71	.1	9	4	744	1.48	6	5	ND	5	154	.2	2	2	29	.54	.202	25	16	.24	185	.15	6	1.76	.02	.13	1	3
100+00N 98+25E	1	15	10	62	.1	6	4	539	1.28	2	5	ND	2	104	.8	2	3	27	.52	.100	24	11	.20	163	.13	7	1.64	.02	.11	1	3
100+00N 98+50E	1	17	15	52	.1	9	6	620	1.77	3	5	ND	6	84	.5	2	2	37	.47	.088	39	18	.28	150	.18	2	2.14	.02	.17	1	4
100+00N 98+75E	1	18	17	69	.1	13	6	552	2.00	3	5	ND	6	94	.3	2	2	41	.49	.109	42	23	.33	161	.19	10	2.39	.02	.18	1	5
100+00N 99+25E	1	11	11	48	.1	12	5	529	1.76	3	5	ND	5	75	.2	2	2	38	.37	.063	29	20	.25	155	.19	4	1.89	.02	.16	1	4
100+00N 99+50E	1	13	8	42	.1	11	4	456	1.51	3	5	ND	4	149	.2	2	2	33	.55	.097	30	16	.24	155	.15	4	1.41	.02	.14	3	1
100+00N 99+75E	1	14	12	45	.1	9	4	577	1.23	3	5	ND	3	147	.2	2	2	27	.53	.162	22	11	.18	160	.13	4	1.22	.02	.09	3	4
83+00N 93+25E	1	21	6	70	.1	33	8	808	2.04	5	5	ND	3	60	.4	2	2	37	.46	.116	29	27	.32	208	.14	4	2.15	.02	.14	1	1
83+00N 93+50E	1	22	9	75	.2	25	6	713	1.66	2	5	ND	1	91	.5	2	2	28	.79	.092	21	17	.33	225	.09	5	1.74	.02	.17	1	4
83+00N 93+75E	1	20	7	67	.2	36	6	612	1.56	2	5	ND	1	106	.2	2	2	28	.76	.108	25	22	.35	209	.08	7	1.53	.02	.15	1	6
83+00N 94+25E	1	18	10	80	.1	12	7	861	1.82	6	5	ND	1	68	.2	2	2	27	.67	.090	13	9	.24	250	.09	5	1.75	.02	.18	1	3
83+00N 94+50E	1	18	6	78	.1	7	7	1039	1.57	3	5	ND	1	56	.2	2	2	23	.68	.095	12	6	.20	289	.07	3	1.85	.02	.13	1	2
83+00N 94+75E	1	27	5	74	.1	11	9	1111	2.01	4	5	ND	1	68	.3	2	2	29	.96	.096	12	12	.28	279	.08	8	1.69	.02	.20	1	4
83+00N 95+25E	1	41	13	89	.1	12	11	1350	2.11	2	5	ND	1	54	.5	2	2	32	.81	.102	11	9	.22	424	.07	5	1.43	.02	.21	1	1
83+00N 95+50E	1	75	11	90	.2	13	11	1734	2.71	6	5	ND	1	37	.5	2	3	30	.83	.097	13	8	.31	405	.04	12	1.46	.01	.20	1	5
83+00N 95+75E	1	31	13	80	.1	20	8	941	2.25	7	5	ND	3	67	.3	2	2	34	.67	.101	35	18	.39	199	.09	5	1.73	.02	.24	1	290
83+00N 97+25E	1	30	12	77	.1	75	12	882	2.75	8	5	ND	4	53	.3	2	2	44	.51	.098	36	42	.63	211	.10	6	1.99	.01	.28	1	3
83+00N 97+50E	1	26	13	68	.2	52	10	788	2.25	7	5	ND	3	82	.6	2	2	40	.63	.133	40	35	.52	181	.11	3	1.66	.02	.23	1	5
83+00N 97+75E	1	24	14	78	.2	64	10	707	2.26	7	5	ND	4	73	.4	2	2	41	.58	.108	43	43	.59	166	.11	9	1.50	.02	.18	1	4
83+00N 98+25E	1	24	9	63	.1	41	8	738	2.01	5	5	ND	2	85	.9	2	2	33	.62	.109	30	27	.42	242	.12	5	2.11	.02	.20	1	2
83+00N 98+50E	1	21	10	73	.1	39	8	723	1.71	4	5	ND	1	88	.4	2	2	28	.70	.102	26	24	.38	226	.11	7	1.92	.02	.16	1	1
83+00N 98+75E	1	20	6	66	.1	33	6	721	1.54	7	5	ND	1	72	.4	2	2	27	.53	.134	23	22	.31	203	.09	3	1.62	.02	.13	1	1
STANDARD C/AU-S	17	58	37	129	6.8	64	30	1059	3.75	38	19	7	37	47	18.9	16	19	56	.48	.095	37	56	.86	174	.11	34	1.86	.06	.14	11	58

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 22 1990 **DATE REPORT MAILED:** May 28/90. **SIGNED BY...:.....** D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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	Au* ppb
83+00N 99+25E	1	24	9	58	.2	37	8	807	1.83	5	5	ND	1	55	.3	2	2	30	.64	.107	24	30	.38	189	.09	7	1.48	.01	.19	1	3
83+00N 99+50E	1	24	14	65	.1	27	7	732	1.69	5	5	ND	1	65	.4	2	2	29	.67	.076	21	22	.29	223	.10	5	1.62	.02	.12	1	1
83+00N 99+75E	1	17	15	38	.3	35	7	655	1.65	5	5	ND	1	51	.3	2	2	29	.39	.048	21	26	.26	181	.10	3	1.42	.02	.10	3	2
94+00E 100+00N	1	17	13	79	.1	8	4	626	1.11	2	5	ND	1	153	.3	2	2	23	.58	.118	18	10	.19	150	.09	4	1.25	.02	.12	1	1
94+00E 99+75N	1	13	17	72	.1	8	4	518	1.10	2	5	ND	1	134	.5	2	2	22	.46	.063	20	11	.19	147	.09	3	1.30	.01	.14	1	1
94+00E 99+50N	1	15	14	86	.1	7	3	408	1.15	2	5	ND	3	83	.2	2	2	19	.30	.043	21	10	.19	113	.08	3	1.33	.02	.16	1	1
94+00E 99+25N	1	12	8	64	.1	9	3	418	1.05	4	5	ND	2	88	.2	2	2	20	.39	.133	16	13	.18	130	.09	6	1.19	.02	.13	1	2
94+00E 99+00N	1	14	12	49	.1	6	3	638	1.12	2	5	ND	1	66	.3	2	3	24	.33	.135	14	14	.16	144	.11	3	1.36	.02	.08	2	1
94+00E 98+75N	1	15	4	43	.1	7	3	643	1.22	4	5	ND	2	77	.2	2	2	27	.38	.111	18	13	.17	151	.12	3	1.41	.01	.09	1	1
94+00E 98+50N	1	12	7	36	.1	7	3	437	1.20	3	5	ND	2	68	.3	2	2	25	.32	.059	20	13	.18	133	.12	4	1.53	.02	.09	1	1
94+00E 98+25N	1	14	9	40	.1	7	4	446	1.37	2	5	ND	4	105	.5	2	2	29	.43	.094	36	14	.21	151	.13	5	1.36	.02	.13	3	2
94+00E 98+00N	1	12	14	44	.2	6	3	476	1.07	2	5	ND	2	101	.2	2	3	22	.43	.123	20	10	.18	143	.10	6	1.25	.01	.10	5	1
94+00E 97+75N	1	19	7	46	.1	6	4	764	1.33	2	5	ND	2	78	.2	2	2	29	.43	.143	19	14	.19	171	.15	5	2.09	.02	.09	1	8
94+00E 97+50N	1	35	13	76	.2	9	5	1192	1.31	6	5	ND	1	97	.4	2	2	30	.67	.206	22	18	.19	165	.05	4	1.67	.02	.07	1	1
94+00E 97+25N	1	16	9	48	.1	6	3	415	1.05	5	5	ND	1	34	.3	2	2	26	.20	.087	13	10	.15	92	.09	4	1.21	.02	.04	1	1
94+00E 97+00N	1	12	9	34	.2	6	4	535	1.15	2	5	ND	1	70	.2	2	2	22	.34	.066	19	10	.17	158	.12	4	1.53	.02	.10	1	2
94+00E 96+75N	1	20	12	73	.1	4	4	1019	1.03	5	5	ND	1	80	.4	2	2	21	.45	.140	16	5	.14	152	.08	3	1.11	.02	.06	1	1
94+00E 96+50N	1	18	16	60	.1	7	4	689	1.23	4	5	ND	1	103	.2	2	2	25	.49	.155	23	13	.20	168	.11	3	1.42	.02	.10	1	1
94+00E 96+25N	1	19	19	44	.2	7	4	709	1.31	7	5	ND	2	132	.2	2	2	27	.61	.164	26	14	.21	178	.13	6	1.73	.01	.11	1	1
94+00E 96+00N	1	22	13	74	.1	9	6	754	1.57	3	5	ND	1	92	.3	2	2	36	.46	.134	23	15	.24	145	.13	5	1.97	.01	.08	1	1
94+00E 95+75N	1	21	15	62	.1	7	5	881	1.24	6	5	ND	1	95	.7	2	2	31	.52	.156	18	16	.21	164	.08	4	1.55	.02	.08	1	1
94+00E 95+50N	1	22	18	70	.1	11	7	998	1.76	11	5	ND	1	78	.3	2	2	40	.44	.147	22	17	.32	157	.16	4	1.89	.01	.09	1	1
94+00E 95+25N	1	15	14	50	.1	8	5	747	1.42	5	5	ND	3	95	.2	2	2	30	.46	.092	22	13	.25	184	.14	6	1.71	.01	.15	1	1
94+00E 95+00N	1	29	18	70	.1	14	8	837	2.01	5	5	ND	2	89	.3	2	2	48	.55	.156	26	26	.39	133	.17	5	2.18	.02	.10	1	2
94+00E 94+75N	1	17	10	42	.1	8	5	556	1.24	5	5	ND	1	70	.3	2	2	28	.40	.099	18	12	.21	126	.13	4	1.62	.02	.10	1	1
94+00E 94+50N	1	19	22	62	.1	10	7	870	1.95	3	5	ND	3	72	.4	2	3	38	.42	.116	48	14	.31	172	.17	3	2.65	.02	.13	1	1
94+00E 94+25N	1	35	29	71	.2	19	12	744	2.60	3	5	ND	11	229	.3	2	2	47	1.03	.315	116	20	.67	119	.13	4	2.74	.06	.22	1	1
94+00E 94+00N	1	34	19	40	.3	10	8	566	1.50	6	5	ND	5	250	.2	2	2	30	.94	.194	75	10	.44	75	.09	4	1.55	.08	.13	1	1
94+00E 92+00N	1	63	33	84	.5	19	15	671	3.39	2	5	ND	13	421	.2	4	5	51	2.32	.442	185	28	1.40	132	.12	4	2.66	.31	.13	1	1
94+00E 91+75N	1	52	26	134	.3	18	13	499	2.64	4	5	ND	14	514	.3	2	2	39	1.51	.463	162	21	1.05	198	.12	5	2.45	.16	.25	1	4
94+00E 91+50N	1	27	12	79	.2	439	36	927	2.23	16	5	ND	2	122	.2	2	2	30	.71	.152	26	97	.91	338	.08	6	1.35	.03	.17	1	3
94+00E 91+25N	1	11	8	25	.1	48	6	282	1.04	6	5	ND	1	35	.2	2	2	20	.21	.047	9	21	.18	89	.10	3	1.26	.02	.05	1	1
94+00E 91+00N	1	17	10	41	.2	150	17	525	2.15	11	5	ND	2	69	.3	2	2	31	.43	.044	26	60	.49	249	.11	4	1.97	.02	.14	1	2
94+00E 90+75N	1	27	18	43	.2	201	22	752	2.00	21	5	ND	2	58	.2	2	3	28	.42	.081	16	75	.35	230	.11	5	1.61	.02	.13	1	5
94+00E 90+50N	1	16	14	50	.1	83	12	582	1.53	9	5	ND	1	68	.2	3	2	27	.47	.082	20	32	.30	217	.10	4	1.48	.02	.11	1	1
94+00E 90+25N	1	17	10	51	.1	40	7	523	1.64	5	5	ND	1	93	.2	2	2	32	.55	.099	31	28	.39	198	.11	4	1.58	.02	.19	2	1
STANDARD C/AU-S	18	58	38	129	6.5	68	29	1030	3.64	38	17	6	36	48	16.5	16	21	55	.47	.096	36	58	.83	172	.08	34	1.77	.06	.14	11	54

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	Au* ppb
94+00E 90+00N	1	16	14	62	.2	62	9	582	1.69	11	5	ND	1	76	.2	2	2	32	.51	.105	26	34	.38	201	.13	8	1.91	.02	.14	1	2
94+00E 89+75N	1	28	15	91	.3	54	12	886	2.97	12	5	ND	4	92	.6	2	2	62	.78	.135	45	55	.76	242	.21	5	2.54	.02	.25	1	4
94+00E 89+50N	1	23	9	78	.2	31	9	668	2.54	9	5	ND	3	84	.4	3	2	55	.63	.137	37	40	.58	235	.19	2	2.23	.02	.21	1	1
94+00E 89+25N	1	23	18	68	.2	42	9	647	2.35	8	5	ND	5	80	.4	2	2	47	.54	.124	46	32	.44	163	.15	2	1.93	.02	.20	1	4
95+00E 100+00N	1	16	9	53	.1	8	4	536	1.27	6	5	ND	3	109	.5	2	2	23	.28	.187	21	11	.20	128	.12	6	1.64	.02	.08	1	4
95+00E 99+75N	1	21	8	39	.1	7	4	329	1.20	7	5	ND	2	241	.6	2	2	25	.47	.064	26	10	.22	75	.12	4	1.62	.02	.08	1	2
95+00E 99+50N	1	13	9	40	.1	8	4	318	1.35	6	5	ND	4	160	.4	2	3	26	.37	.072	24	10	.23	80	.12	3	1.64	.02	.11	1	3
95+00E 99+25N	1	19	4	46	.1	8	5	417	1.24	8	5	ND	3	179	.7	2	2	24	.54	.200	27	10	.22	114	.11	5	1.63	.02	.09	1	2
95+00E 99+00N	1	14	11	45	.1	7	5	438	1.36	10	5	ND	4	131	.2	2	2	27	.47	.175	26	11	.24	121	.13	8	1.66	.02	.12	1	1
95+00E 98+75N	1	14	12	41	.1	7	4	517	1.17	9	5	ND	3	107	.4	2	2	23	.40	.139	25	10	.19	125	.12	4	1.47	.02	.08	1	1
95+00E 98+50N	1	18	6	61	.1	10	5	710	1.49	8	5	ND	4	103	.3	2	2	28	.36	.176	34	13	.27	167	.13	2	1.89	.02	.12	1	5
95+00E 98+25N	1	23	14	68	.1	9	5	921	1.48	4	5	ND	2	138	.2	2	2	29	.55	.229	41	14	.29	163	.12	2	1.67	.02	.08	1	1
95+00E 98+00N	1	16	9	34	.1	6	3	442	1.01	4	5	ND	2	111	.4	2	2	20	.37	.118	19	7	.18	110	.10	3	1.44	.02	.07	1	2
95+00E 97+75N	1	16	8	50	.1	7	4	543	1.20	4	5	ND	3	110	.5	2	2	24	.34	.167	20	9	.18	153	.12	3	1.43	.02	.07	1	3
95+00E 97+50N	1	30	12	68	.1	7	7	1098	1.49	5	5	ND	1	308	.6	2	2	27	.90	.281	47	13	.41	176	.07	6	1.23	.02	.11	1	2
95+00E 97+25N	1	11	4	32	.1	6	3	451	.92	12	5	ND	2	96	.2	2	4	20	.32	.091	16	7	.15	143	.10	6	1.01	.02	.11	1	1
95+00E 97+00N	1	17	7	58	.1	8	5	654	1.24	6	5	ND	3	116	.5	2	2	26	.46	.162	24	11	.20	175	.12	3	1.38	.02	.10	1	1
95+00E 96+75N	1	18	4	50	.1	7	4	664	1.15	7	5	ND	2	108	.3	2	4	22	.50	.188	23	7	.19	173	.12	2	1.81	.02	.08	2	2
95+00E 96+50N	1	17	11	53	.1	10	5	679	1.57	7	5	ND	2	101	.3	2	2	30	.42	.099	35	12	.25	202	.15	4	2.36	.02	.10	1	2
95+00E 96+25N	1	14	9	39	.1	8	4	402	1.28	6	5	ND	2	73	.7	2	2	28	.37	.107	26	13	.20	142	.13	3	1.55	.02	.10	1	2
95+00E 96+00N	1	30	11	87	.1	13	7	1052	1.75	6	5	ND	1	74	.6	2	2	42	.56	.138	23	25	.33	147	.14	8	1.94	.02	.09	1	3
95+00E 95+75N	1	20	12	42	.1	9	5	516	1.43	4	5	ND	3	79	.4	2	2	34	.40	.091	23	14	.26	145	.15	8	1.84	.02	.11	1	1
95+00E 95+50N	1	18	11	36	.1	8	4	413	1.24	8	5	ND	2	68	.3	2	2	27	.40	.163	19	14	.22	138	.15	4	2.12	.02	.10	1	1
95+00E 95+25N	1	15	11	46	.1	8	5	563	1.38	4	5	ND	1	81	.2	2	2	30	.47	.093	27	12	.22	171	.13	2	1.84	.02	.11	1	1
95+00E 95+00N	1	17	18	52	.1	10	7	748	2.07	6	5	ND	3	70	.6	2	2	41	.43	.092	39	15	.32	165	.21	2	3.01	.02	.10	1	2
95+00E 94+75N	1	33	39	71	.1	14	10	838	2.48	7	5	ND	7	223	.3	2	2	48	.88	.221	71	21	.55	118	.19	4	2.97	.09	.20	1	2
95+00E 94+50N	1	41	31	70	.2	14	10	792	2.21	6	5	ND	8	289	.4	2	2	40	1.04	.228	87	17	.61	102	.17	4	2.52	.10	.23	1	2
95+00E 94+25N	1	30	21	62	.1	12	9	623	2.11	6	5	ND	7	222	.2	2	2	36	.87	.189	73	17	.65	126	.14	2	2.29	.05	.29	1	1
95+00E 94+00N	1	26	19	60	.1	12	8	475	2.03	4	5	ND	9	163	.4	2	2	36	.72	.183	81	13	.50	145	.15	5	2.78	.03	.26	1	2
95+00E 93+75N	1	34	35	72	.2	15	10	740	2.51	10	5	ND	11	249	.2	3	2	47	.97	.258	93	18	.60	100	.18	2	2.55	.07	.21	1	1
95+00E 91+75N	1	16	14	33	.1	12	5	407	1.14	3	5	ND	4	83	.2	2	2	24	.53	.099	28	10	.26	133	.07	5	.84	.02	.13	1	2
95+00E 91+50N	1	19	15	59	.1	11	5	559	1.52	2	5	ND	12	114	.2	2	2	21	.54	.065	77	9	.38	238	.06	2	1.22	.02	.27	1	1
95+00E 91+25N	1	12	7	55	.1	11	3	397	.98	5	5	ND	3	93	.3	2	2	19	.33	.179	19	12	.17	157	.10	2	1.20	.02	.10	1	1
95+00E 91+00N	1	12	5	63	.1	9	4	534	1.18	5	5	ND	4	102	.2	2	2	22	.43	.075	21	11	.20	148	.12	9	1.39	.02	.13	1	1
95+00E 90+75N	1	17	12	47	.1	14	6	522	1.71	5	5	ND	5	122	.4	2	2	34	.60	.066	48	17	.28	134	.14	6	1.59	.02	.17	2	3
95+00E 90+50N	1	20	10	48	.1	94	13	495	2.08	7	5	ND	4	104	.2	2	2	36	.53	.098	44	35	.43	139	.13	2	1.57	.02	.17	1	1
STANDARD C/AU-S	18	58	37	124	6.6	68	30	1024	3.73	39	19	8	37	47	17.2	15	20	56	.49	.094	37	53	.86	173	.11	32	1.82	.06	.14	12	50

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	Au* ppb
95+00E 90+25N	1	19	17	62	.1	116	13	562	1.88	8	5	ND	3	87	.5	2	2	35	.56	.116	35	33	.46	132	.11	4	1.29	.02	.19	1	3
95+00E 90+00N	1	25	41	79	.4	141	11	1206	2.04	34	5	ND	1	67	.2	3	2	30	.63	.106	20	42	.68	200	.07	6	1.24	.01	.12	2	150
95+00E 89+75N	1	22	27	70	.3	101	13	793	1.65	27	5	ND	1	76	.3	2	2	26	.58	.101	24	49	.61	167	.08	5	1.18	.02	.15	1	193
95+00E 89+50N	1	19	31	87	.9	139	13	844	1.48	28	5	ND	1	78	.8	2	2	21	.59	.105	17	69	.96	180	.07	9	1.14	.02	.17	1	43
95+00E 89+25N	1	18	20	70	.7	67	8	806	1.63	21	5	ND	1	70	.4	3	2	26	.51	.088	24	43	.49	184	.09	4	1.33	.02	.13	1	17
96+00E 100+00N	1	18	10	48	.2	8	3	592	1.12	2	5	ND	3	135	.2	2	2	22	.41	.154	23	8	.21	144	.11	3	1.54	.02	.11	1	1
96+00E 99+75N	1	12	8	44	.1	5	4	626	1.05	2	5	ND	1	101	.4	2	2	20	.30	.131	20	7	.21	115	.11	6	1.57	.02	.07	2	1
96+00E 99+50N	1	12	10	47	.2	7	3	504	1.21	2	5	ND	3	94	.2	2	2	25	.33	.160	28	9	.18	135	.12	4	1.34	.02	.10	1	1
96+00E 99+25N	1	12	5	49	.1	7	3	503	1.17	5	5	ND	4	115	.2	2	2	25	.38	.181	24	10	.16	142	.11	3	1.14	.02	.12	1	2
96+00E 99+00N	1	13	5	44	.1	7	3	500	1.09	4	5	ND	3	105	.2	2	2	23	.39	.152	20	9	.16	150	.11	6	1.22	.02	.09	1	4
96+00E 98+75N	1	14	12	47	.1	9	3	449	1.38	3	5	ND	4	102	.2	2	2	28	.35	.165	26	12	.20	149	.14	3	1.65	.02	.08	2	1
96+00E 98+50N	1	15	10	55	.2	8	4	531	1.26	4	5	ND	3	129	.4	2	2	24	.43	.228	22	8	.19	188	.13	6	1.69	.02	.12	1	1
96+00E 98+25N	1	13	6	49	.1	8	3	474	1.22	6	5	ND	3	94	.3	2	2	26	.33	.170	27	12	.16	161	.12	2	1.33	.02	.09	3	2
96+00E 98+00N	1	15	6	60	.1	8	4	479	1.32	4	5	ND	4	135	.2	2	2	29	.50	.166	37	11	.19	142	.13	3	1.41	.02	.07	1	1
96+00E 97+75N	1	14	3	55	.1	7	3	535	1.27	3	5	ND	2	144	.2	2	2	28	.45	.140	31	11	.18	161	.12	5	1.24	.02	.09	1	3
96+00E 97+50N	1	11	10	48	.1	6	3	383	1.15	4	5	ND	2	85	.4	2	2	25	.33	.102	26	10	.17	121	.12	2	1.29	.02	.08	1	1
96+00E 97+25N	1	15	7	49	.1	6	3	606	1.00	2	5	ND	1	96	.3	2	2	21	.34	.177	20	10	.14	185	.11	2	1.36	.02	.08	1	1
96+00E 97+00N	1	16	17	68	.1	9	5	696	1.59	3	5	ND	1	73	.2	2	2	35	.35	.125	39	11	.23	148	.13	2	2.12	.02	.08	1	1
96+00E 96+75N	1	17	13	66	.1	8	6	728	1.74	4	5	ND	3	82	.2	2	2	35	.38	.117	50	12	.26	150	.15	2	2.31	.02	.10	2	2
96+00E 96+50N	1	18	7	66	.1	9	4	591	1.37	4	5	ND	1	74	.2	2	2	32	.38	.119	30	11	.19	135	.12	5	1.94	.02	.08	1	2
96+00E 96+25N	1	16	12	54	.1	9	5	566	1.47	10	5	ND	3	97	.2	2	2	31	.48	.102	34	11	.23	167	.16	5	1.94	.02	.16	2	1
96+00E 96+00N	1	19	13	58	.1	12	6	672	1.66	8	5	ND	2	79	.2	2	2	42	.50	.122	31	16	.27	104	.17	3	1.73	.02	.12	1	4
96+00E 95+50N	1	44	33	65	.2	18	10	990	2.52	2	5	ND	4	152	.2	3	2	57	.85	.200	68	33	.62	111	.20	3	2.78	.04	.14	1	3
96+00E 95+25N	1	42	24	68	.1	14	10	888	2.34	5	5	ND	6	204	.2	2	2	45	1.02	.239	76	20	.66	147	.21	6	2.57	.04	.24	1	1
96+00E 95+00N	1	31	27	55	.2	10	7	594	1.70	5	5	ND	5	241	.3	2	2	32	.99	.197	72	13	.48	121	.18	6	2.19	.08	.20	1	5
96+00E 94+75N	1	28	23	62	.1	10	6	536	1.58	2	5	ND	4	210	.4	2	2	29	.89	.179	61	13	.38	119	.16	4	2.12	.06	.20	2	1
96+00E 94+50N	1	20	14	62	.1	7	5	441	1.45	2	5	ND	3	174	.4	2	2	29	.67	.135	48	10	.27	143	.15	5	2.01	.03	.19	1	1
96+00E 94+25N	1	22	17	55	.3	8	5	442	1.35	3	5	ND	3	181	.5	3	2	26	.67	.129	43	11	.25	146	.12	4	1.70	.03	.18	2	4
96+00E 94+00N	1	21	11	62	.1	12	5	425	1.55	3	5	ND	3	166	.3	2	2	33	.71	.155	50	13	.27	140	.14	5	1.81	.03	.18	1	1
96+00E 93+75N	1	24	13	59	.1	14	7	455	2.01	4	5	ND	7	158	.2	2	2	46	.78	.199	70	20	.39	108	.17	2	1.65	.05	.18	1	1
96+00E 93+50N	1	28	20	79	.1	16	7	427	2.21	8	5	ND	11	144	.2	2	2	47	.69	.189	77	20	.40	132	.14	2	1.62	.02	.22	1	2
96+00E 93+25N	1	22	10	74	.2	7	5	916	1.21	7	5	ND	1	275	.2	2	3	23	1.12	.184	22	12	.30	181	.05	6	.78	.02	.10	1	1
96+00E 93+00N	1	14	10	63	.1	7	5	447	1.40	5	5	ND	4	102	.2	2	2	18	.52	.070	62	7	.18	121	.04	2	1.19	.01	.24	1	1
96+00E 92+75N	1	13	9	46	.1	5	4	443	1.18	2	5	ND	6	116	.4	2	3	18	.45	.049	55	5	.17	159	.08	2	1.17	.02	.17	1	1
96+00E 92+50N	1	11	2	35	.1	5	4	442	.93	3	5	ND	1	79	.2	2	2	17	.44	.063	14	8	.18	118	.07	4	1.02	.02	.12	1	1
96+00E 92+25N	2	20	18	103	.1	9	8	1406	1.87	15	5	ND	2	170	.6	2	2	31	1.05	.147	23	15	.40	359	.06	6	1.23	.02	.22	1	12
STANDARD C/AU-S	18	58	38	130	6.7	68	31	1049	3.79	40	20	8	36	47	17.8	16	22	57	.49	.095	38	56	.87	174	.10	33	1.85	.06	.13	12	53

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	Au* ppb
96+00E 92+00N	1	21	22	88	.2	29	9	953	2.42	5	5	ND	11	118	.2	2	2	39	.72	.101	68	27	.59	221	.09	6	1.76	.01	.47	2	1
96+00E 91+50N	1	17	14	61	.1	19	7	665	1.83	9	5	ND	3	87	.5	2	2	30	.57	.056	27	18	.45	190	.06	4	1.39	.02	.29	1	3
96+00E 91+25N	1	11	8	49	.1	12	5	448	1.56	3	5	ND	2	75	.5	2	2	21	.40	.041	22	12	.31	175	.07	2	1.61	.02	.20	1	2
96+00E 91+00N	1	9	5	70	.1	9	3	574	1.27	4	5	ND	3	74	.5	3	2	22	.31	.055	20	12	.21	170	.12	5	1.34	.02	.16	1	1
96+00E 90+75N	1	14	12	46	.1	14	4	515	1.36	4	5	ND	3	93	.2	2	2	26	.35	.072	23	14	.21	152	.14	2	1.61	.02	.15	1	1
96+00E 90+50N	1	14	6	45	.1	11	4	414	1.24	5	5	ND	1	132	.3	2	2	26	.51	.095	27	14	.20	133	.12	2	1.39	.02	.08	2	2
96+00E 90+25N	1	19	14	58	.2	16	5	447	1.68	4	5	ND	2	150	.4	3	2	34	.69	.150	45	18	.28	160	.14	2	1.81	.02	.14	1	1
96+00E 90+00N	1	20	17	64	.2	25	6	496	1.80	6	5	ND	2	149	.5	3	2	36	.71	.143	45	25	.30	171	.14	4	1.82	.02	.14	1	6
96+00E 89+75N	1	27	14	72	.1	178	16	701	2.53	15	5	ND	3	68	.5	3	2	45	.49	.102	39	126	1.33	252	.11	5	1.79	.02	.16	1	4
96+00E 89+50N	1	19	16	57	.1	112	12	562	1.80	10	5	ND	1	116	.4	2	2	32	.53	.094	27	63	.77	218	.11	6	1.67	.02	.19	1	49
96+00E 89+25N	1	19	15	65	.1	75	9	533	1.66	9	5	ND	1	131	.3	2	2	29	.74	.115	28	52	.67	192	.10	6	1.66	.02	.14	1	3
97+00E 100+00N	1	20	9	45	.1	8	3	367	1.16	7	5	ND	3	213	.2	2	2	22	.61	.164	27	12	.22	124	.12	5	1.55	.02	.15	1	2
97+00E 99+75N	1	17	8	67	.1	7	4	628	1.35	6	5	ND	4	151	.2	2	2	28	.51	.243	27	10	.20	174	.14	3	1.71	.02	.12	1	4
97+00E 99+50N	1	19	21	76	.1	10	5	616	1.96	5	5	ND	6	102	.2	2	2	39	.41	.152	48	15	.28	185	.20	2	2.63	.02	.15	1	3
97+00E 99+25N	1	21	15	76	.2	9	5	625	1.89	5	5	ND	7	116	.2	2	2	38	.47	.163	45	16	.28	199	.19	2	2.49	.02	.13	1	2
97+00E 99+00N	1	15	15	62	.1	8	4	639	1.30	7	5	ND	2	100	.2	2	2	25	.40	.153	23	12	.18	199	.14	2	1.87	.02	.10	1	3
97+00E 98+75N	1	16	17	67	.1	8	3	848	1.17	4	5	ND	1	102	.4	2	2	21	.39	.237	19	11	.16	205	.11	3	1.74	.02	.08	1	3
97+00E 98+50N	1	22	21	92	.1	8	5	1114	1.63	8	5	ND	3	144	.2	3	2	30	.59	.238	34	12	.23	268	.14	4	2.24	.02	.11	1	2
97+00E 98+25N	1	19	15	99	.1	9	4	831	1.41	7	5	ND	1	125	.3	2	2	29	.54	.158	29	12	.19	174	.12	2	1.66	.02	.08	1	1
97+00E 98+00N	1	20	17	85	.1	8	5	793	1.74	11	5	ND	4	188	.3	3	2	32	.68	.117	46	15	.25	233	.17	3	2.32	.02	.15	1	3
97+00E 97+75N	1	17	18	69	.1	11	5	587	1.70	4	5	ND	2	171	.2	2	2	34	.53	.147	44	17	.24	219	.15	3	2.18	.02	.15	1	2
97+00E 97+50N	1	15	9	51	.1	6	4	493	1.19	5	5	ND	2	123	.2	2	2	23	.44	.182	24	7	.17	165	.13	2	1.65	.02	.11	1	4
97+00E 97+25N	1	19	19	71	.2	11	4	807	1.41	9	5	ND	3	126	.3	2	2	27	.55	.207	27	15	.19	250	.15	2	2.09	.02	.11	1	4
97+00E 97+00N	1	18	15	76	.1	6	4	933	1.54	5	5	ND	4	87	.2	2	2	30	.39	.098	32	10	.21	199	.15	2	1.94	.02	.11	1	1
97+00E 96+75N	1	15	9	55	.1	7	4	494	1.38	3	5	ND	2	79	.2	2	2	28	.37	.089	28	11	.20	158	.15	2	1.91	.03	.09	1	1
97+00E 96+50N	1	30	21	72	.1	12	7	906	1.90	9	5	ND	3	130	.3	2	2	42	.70	.143	50	22	.37	174	.14	5	2.04	.02	.18	1	4
97+00E 96+25N	1	30	18	75	.2	14	7	1062	2.13	5	5	ND	4	113	.2	2	4	46	.61	.147	57	25	.36	195	.18	12	2.63	.02	.16	1	6
97+00E 96+00N	1	23	16	63	.1	11	7	609	2.00	6	5	ND	5	120	.2	2	3	43	.59	.137	57	18	.32	163	.18	4	2.29	.03	.20	1	4
97+00E 95+75N	1	30	18	69	.1	14	8	774	2.32	8	5	ND	8	151	.2	2	2	51	.73	.172	62	21	.41	151	.19	2	2.13	.03	.24	1	2
97+00E 95+50N	1	32	18	56	.2	8	6	1127	1.22	6	5	ND	3	307	.2	3	2	25	1.23	.155	39	8	.27	142	.10	6	1.31	.04	.15	1	2
97+00E 95+25N	1	42	32	83	.2	12	11	868	2.73	8	5	ND	15	243	.2	2	2	46	1.10	.281	113	19	.73	131	.14	4	2.71	.12	.28	1	2
97+00E 95+00N	1	32	23	85	.1	8	8	768	2.64	5	5	ND	25	186	.2	2	2	42	.82	.201	133	13	.52	158	.12	2	2.48	.06	.40	1	1
97+00E 94+75N	1	35	19	84	.2	11	10	822	2.26	3	5	ND	12	194	.2	2	2	38	.99	.254	116	12	.64	148	.10	2	2.16	.04	.34	1	4
97+00E 94+50N	1	20	16	67	.1	9	5	573	1.62	4	5	ND	4	117	.3	3	2	31	.48	.095	42	13	.32	158	.14	2	1.73	.02	.19	1	2
97+00E 94+25N	1	29	19	72	.2	15	8	555	2.58	5	5	ND	8	157	.2	2	3	54	.70	.162	69	29	.55	158	.18	2	1.97	.02	.32	1	5
97+00E 94+00N	1	31	16	73	.2	17	8	595	2.88	2	5	ND	12	169	.2	2	2	61	.76	.202	83	31	.62	165	.19	2	2.12	.02	.26	1	2
STANDARD C/AU-S	18	57	37	129	6.5	68	29	1034	3.70	37	18	7	36	47	16.6	15	22	55	.48	.095	36	56	.85	173	.11	32	1.82	.06	.14	12	47

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	Au* ppb
97+00E 93+75N	1	32	15	73	.1	15	10	796	2.76	3	5	ND	7	141	.4	2	3	55	.86	.175	60	31	.73	132	.13	4	2.07	.02	.35	1	2
97+00E 93+50N	1	21	21	92	.2	12	8	645	2.20	6	5	ND	7	120	.4	2	2	37	.77	.133	67	26	.52	142	.08	9	1.85	.02	.33	1	1
97+00E 93+25N	1	15	15	83	.1	6	4	418	1.66	5	5	ND	5	114	.4	2	2	30	.72	.115	62	15	.26	120	.08	4	1.31	.02	.27	1	2
97+00E 93+00N	1	13	7	81	.1	3	3	554	1.05	2	5	ND	3	107	.2	2	2	18	.63	.057	42	7	.17	116	.05	8	.90	.02	.16	1	2
97+00E 92+50N	1	25	15	68	.1	14	7	737	1.96	3	5	ND	3	57	.2	2	2	41	.39	.070	23	21	.32	176	.15	3	2.42	.02	.15	1	2
97+00E 92+25N	1	16	9	47	.1	9	9	1154	2.11	3	5	ND	1	55	.2	3	2	44	.39	.068	30	21	.56	194	.10	2	2.12	.02	.11	2	3
97+00E 92+00N	1	19	20	64	.1	20	7	831	1.99	9	5	ND	4	64	.2	2	4	31	.42	.089	30	25	.34	443	.20	2	3.29	.02	.18	1	1
97+00E 91+75N	1	65	5	54	.3	33	8	704	2.19	6	5	ND	2	71	.3	2	2	42	.53	.041	22	40	.62	253	.12	4	2.43	.02	.24	1	12
97+00E 91+50N	1	78	5	68	.2	130	16	779	3.26	4	5	ND	1	39	.2	4	2	56	.49	.055	17	100	1.50	148	.04	13	2.22	.01	.25	1	10
97+00E 91+25N	1	75	8	74	.1	67	16	840	3.19	5	5	ND	1	57	.2	3	2	58	.64	.057	13	57	1.10	141	.04	6	2.01	.01	.26	1	3
97+00E 91+00N	1	10	2	20	.1	5	2	107	.68	2	5	ND	1	33	.2	2	2	20	.35	.055	3	7	.12	64	.06	6	.42	.03	.06	1	4
97+00E 90+50N	1	12	4	53	.1	12	4	408	1.35	3	5	ND	4	81	.2	2	2	26	.34	.066	27	14	.22	134	.14	8	1.52	.02	.15	1	1
97+00E 90+25N	1	14	15	46	.1	15	5	481	1.45	2	5	ND	3	112	.2	2	2	29	.43	.065	30	18	.25	158	.15	4	1.92	.02	.11	1	3
97+00E 90+00N	1	18	13	67	.1	12	5	497	1.54	6	5	ND	1	142	.2	2	2	35	.68	.132	42	16	.24	147	.12	7	1.40	.02	.12	2	3
97+00E 89+75N	1	19	13	60	.1	23	6	507	1.34	8	5	ND	1	149	.2	2	2	28	.76	.140	35	17	.27	197	.11	5	1.51	.02	.19	1	1
97+00E 89+50N	1	19	11	63	.1	53	8	532	1.44	8	5	ND	1	125	.4	2	2	30	.72	.141	30	30	.35	167	.10	6	1.33	.02	.11	1	3
97+00E 89+25N	1	17	18	66	.1	71	10	718	2.07	8	5	ND	2	177	.2	2	2	41	.50	.110	31	55	.46	286	.14	5	1.91	.02	.16	1	10
97+00E 89+00N	1	23	13	64	.2	174	15	706	2.52	14	5	ND	3	93	.2	3	2	43	.45	.114	40	122	1.04	257	.12	5	1.89	.02	.17	1	18
97+00E 89+00N A	1	22	18	67	.1	164	15	682	2.48	10	5	ND	4	93	.2	2	2	44	.44	.113	40	117	.98	254	.12	4	1.80	.02	.17	1	8
97+00E 88+75N	1	19	12	53	.2	104	11	563	1.77	8	5	ND	2	129	.5	2	2	32	.50	.088	28	78	.95	204	.11	7	1.66	.02	.14	1	4
97+00E 88+50N	1	16	12	54	.1	87	9	500	1.97	6	5	ND	3	68	.2	2	2	37	.40	.093	29	66	.72	187	.14	5	1.83	.02	.14	2	8
97+00E 88+25N	1	22	17	52	.1	68	10	541	1.88	11	5	ND	2	349	.2	2	2	37	.63	.097	30	81	.84	182	.11	6	1.53	.02	.15	1	6
97+00E 88+00N	1	20	17	59	.2	36	7	561	1.46	8	5	ND	1	149	.2	2	2	29	.74	.127	27	33	.39	163	.08	6	1.51	.02	.10	2	1
97+00E 87+75N	1	21	15	65	.2	28	7	530	1.64	3	5	ND	1	157	.2	2	2	35	.79	.155	36	31	.35	169	.11	6	1.52	.02	.15	1	2
97+00E 87+50N	1	25	11	64	.1	20	5	573	1.40	5	5	ND	1	176	.4	2	2	32	.85	.156	39	20	.29	128	.10	4	1.22	.02	.14	1	3
97+00E 87+25N	1	21	13	55	.1	26	6	553	1.55	8	5	ND	1	133	.3	2	2	32	.75	.122	36	27	.31	156	.11	3	1.48	.02	.12	1	2
97+00E 87+00N	1	19	13	54	.1	31	6	531	1.38	5	5	ND	1	118	.2	2	2	28	.67	.130	32	27	.27	152	.09	4	1.47	.02	.10	2	3
97+00E 86+75N	1	19	14	55	.1	42	7	551	1.64	4	5	ND	1	100	.2	2	2	32	.56	.125	33	27	.32	182	.13	6	1.75	.02	.14	1	2
97+00E 86+50N	1	21	12	60	.1	113	11	593	2.09	10	5	ND	2	87	.4	2	2	39	.63	.125	36	55	.63	169	.12	6	1.66	.02	.15	1	17
97+00E 85+75N	1	21	13	59	.3	157	13	618	2.38	22	5	ND	4	77	.3	5	2	41	.63	.098	36	56	.77	177	.13	5	1.74	.02	.15	1	8
97+00E 85+50N	1	27	12	61	.3	151	15	675	2.47	23	5	ND	3	80	.2	4	2	44	.77	.110	35	61	.74	171	.11	10	1.75	.02	.22	2	10
97+00E 85+25N	1	27	21	63	.2	91	11	723	2.31	19	5	ND	4	60	.4	2	2	42	.45	.096	33	40	.50	185	.14	5	1.88	.02	.19	1	7
97+00E 85+00N	1	31	55	86	.2	47	9	1101	2.11	10	5	ND	2	55	.2	2	2	32	.51	.077	23	23	.33	220	.13	6	1.90	.02	.18	1	8
97+00E 84+75N	1	25	29	65	.2	38	8	992	1.84	9	5	ND	1	62	.2	2	2	29	.61	.083	22	19	.31	256	.12	7	2.02	.02	.16	1	4
97+00E 84+50N	1	23	12	66	.1	49	7	684	1.56	5	5	ND	1	94	.2	2	2	26	.72	.096	23	22	.33	237	.10	8	1.65	.02	.19	1	1
97+00E 84+25N	1	25	21	65	.1	61	8	749	2.01	5	5	ND	2	68	.2	2	2	33	.54	.094	30	32	.43	216	.11	6	1.90	.02	.22	1	2
STANDARD C/AU-S	17	58	42	125	6.7	67	29	1054	3.67	39	16	7	37	47	17.6	16	21	56	.48	.094	36	55	.86	174	.10	35	1.83	.06	.14	12	48

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	Au* ppb
97+00E 84+00N	1	27	16	77	.1	69	10	781	2.09	6	5	ND	2	66	.2	2	2	32	.60	.091	28	37	.44	230	.12	6	1.94	.02	.26	1	1
97+00E 83+75N	1	27	15	69	.1	51	9	820	1.92	7	5	ND	1	86	.3	2	2	31	.68	.107	28	26	.38	240	.11	7	1.89	.02	.20	1	1
97+00E 83+50N	1	33	9	73	.2	85	12	904	2.61	6	5	ND	3	58	.2	2	2	39	.54	.099	35	41	.63	220	.11	5	1.98	.02	.26	1	3
97+00E 83+25N	1	26	14	73	.2	59	10	805	2.25	5	5	ND	3	69	.2	3	2	36	.55	.110	30	32	.50	217	.11	6	1.69	.02	.27	1	1
97+00E 83+00N	1	28	15	75	.1	54	9	828	2.19	7	5	ND	2	73	.3	2	2	34	.63	.112	30	31	.45	227	.11	5	1.78	.02	.25	1	5
100+00E 100+00N	1	16	10	48	.1	11	4	395	1.38	5	5	ND	4	164	.2	2	2	28	.51	.192	29	15	.22	141	.15	6	1.64	.02	.14	2	1
100+00E 99+75N	1	16	14	51	.1	9	4	492	1.44	4	5	ND	3	139	.2	2	2	31	.52	.173	29	14	.22	169	.14	4	1.40	.02	.12	1	1
100+00E 99+50N	1	19	8	58	.1	7	4	614	1.44	4	5	ND	3	175	.2	2	2	30	.60	.217	31	14	.21	194	.14	2	1.47	.02	.14	1	1
100+00E 99+25N	1	16	13	43	.1	9	4	369	1.49	6	5	ND	4	144	.2	2	4	32	.58	.073	33	13	.25	137	.16	5	1.59	.02	.12	1	4
100+00E 99+00N	1	15	4	58	.2	7	4	450	1.16	2	5	ND	2	191	.8	2	2	22	.64	.133	16	8	.20	146	.12	7	1.61	.03	.07	1	1
100+00E 98+75N	1	14	7	51	.2	8	5	420	1.61	2	5	ND	3	63	.2	2	2	31	.36	.134	20	10	.23	144	.20	4	2.87	.03	.07	2	2
100+00E 98+50N	1	17	10	70	.1	9	4	783	1.35	5	5	ND	1	38	.2	2	2	28	.23	.167	14	13	.18	161	.13	4	1.58	.02	.06	1	1
100+00E 98+25N	1	14	5	54	.1	6	4	1214	1.26	2	5	ND	1	52	.2	2	2	27	.35	.103	17	7	.17	199	.09	2	1.38	.03	.06	1	3
100+00E 98+00N	1	14	14	58	.1	8	6	1074	1.96	5	5	ND	3	51	.2	2	2	40	.36	.073	23	14	.34	165	.17	2	2.49	.03	.11	1	1
100+00E 97+75N	1	16	9	73	.1	9	8	1316	2.03	2	5	ND	1	82	.2	2	2	40	.55	.103	24	17	.37	222	.14	3	2.46	.02	.13	1	1
100+00E 97+50N	1	17	16	80	.1	8	11	1196	2.78	3	5	ND	2	63	.2	2	2	53	.50	.106	31	17	.60	159	.11	8	2.53	.02	.18	1	1
100+00E 97+25N	1	17	15	65	.1	12	8	775	2.08	3	5	ND	4	79	.2	3	2	41	.51	.091	32	25	.46	197	.15	12	2.39	.02	.21	1	3
100+00E 97+00N	1	32	15	66	.1	14	8	1026	1.94	4	5	ND	2	90	.2	2	2	51	.65	.143	31	31	.46	159	.14	3	1.81	.02	.13	1	1
100+00E 96+75N	1	29	19	75	.2	16	13	1370	2.87	2	5	ND	3	81	.2	2	2	56	.71	.140	39	36	.77	173	.13	5	2.35	.02	.21	1	1
100+00E 96+50N	1	23	16	85	.2	15	12	1106	2.91	3	5	ND	4	83	.2	3	2	59	.66	.143	42	40	.84	212	.18	4	2.31	.03	.25	1	2
100+00E 96+25N	1	18	14	70	.2	7	13	1918	3.38	4	5	ND	3	123	.2	2	2	72	.85	.131	30	14	.95	153	.12	3	2.06	.06	.13	1	1
100+00E 96+00N	1	18	14	72	.2	6	10	1194	2.56	5	5	ND	4	76	.4	2	2	51	.58	.083	32	10	.63	165	.14	3	2.12	.03	.25	1	2
100+00E 95+75N	1	21	21	70	.1	8	10	1001	3.18	2	5	ND	5	71	.2	2	2	63	.61	.127	37	17	.71	152	.15	3	2.46	.02	.29	1	1
100+00E 95+50N	1	27	13	68	.1	9	10	994	3.06	2	5	ND	4	94	.2	2	2	60	.76	.153	39	19	.67	154	.14	6	2.37	.02	.40	1	1
100+00E 95+25N	1	23	17	61	.1	10	11	1203	3.07	2	5	ND	3	73	.2	2	2	61	.71	.141	33	20	.74	141	.10	3	2.12	.02	.36	1	2
100+00E 95+00N	1	26	13	69	.2	6	11	1288	2.79	2	5	ND	2	142	.2	3	2	56	.91	.161	33	18	.75	158	.09	5	1.98	.02	.37	1	1
100+00E 94+75N	1	25	11	71	.1	13	11	1055	2.34	5	5	ND	2	129	.2	3	2	45	.87	.133	31	35	.75	152	.09	4	1.79	.02	.27	1	2
100+00E 94+50N	1	21	12	70	.1	15	6	585	1.59	2	5	ND	2	165	.2	2	2	35	.72	.144	36	24	.31	163	.13	6	1.75	.02	.19	1	2
100+00E 94+25N	1	18	7	69	.1	13	6	604	1.79	7	5	ND	3	94	.2	2	3	38	.51	.098	35	16	.31	182	.17	6	2.45	.02	.15	1	1
100+00E 94+00N	1	30	24	78	.1	15	15	1331	2.87	8	5	ND	4	110	.2	3	2	63	.74	.147	69	29	.85	125	.11	2	2.23	.03	.18	1	1
100+00E 93+75N	1	24	15	81	.1	12	7	630	1.87	3	5	ND	2	180	.4	2	2	42	.78	.136	48	20	.38	174	.13	3	1.80	.02	.19	1	2
100+00E 93+50N	1	23	12	61	.1	11	6	586	1.75	3	5	ND	3	152	.2	2	2	39	.67	.115	47	21	.34	165	.14	2	1.80	.02	.16	1	1
100+00E 93+25N	1	26	19	98	.1	22	11	1040	3.41	5	5	ND	5	75	.2	2	2	69	.57	.140	44	53	.83	241	.24	4	3.55	.02	.28	1	1
100+00E 93+00N	1	26	10	83	.1	18	11	1073	2.88	3	5	ND	3	80	.2	3	2	59	.63	.135	36	53	.84	174	.15	5	2.39	.02	.31	1	1
100+00E 92+75N	1	21	9	72	.1	13	7	678	1.92	6	5	ND	5	78	.2	2	2	39	.49	.108	39	22	.38	133	.13	3	1.73	.02	.23	1	1
100+00E 92+50N	1	24	11	63	.1	16	7	580	1.69	3	5	ND	4	143	.2	2	2	37	.65	.130	43	23	.28	152	.14	4	1.69	.02	.18	1	1
STANDARD C/AU-S	18	58	35	129	6.8	67	30	1045	3.73	38	19	7	36	47	17.2	16	18	57	.48	.096	37	55	.86	174	.11	34	1.81	.06	.14	11	52

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	Au* ppb
100+00E 92+25N	1	24	15	67	.1	13	6	556	2.07	3	5	ND	6	208	1.1	2	2	49	.90	.165	61	24	.42	143	.18	7	1.65	.03	.28	1	1
100+00E 92+00N	1	23	21	68	.2	14	7	521	2.15	6	5	ND	7	209	.6	2	2	49	.84	.157	60	26	.45	144	.18	5	1.67	.02	.27	1	3
100+00E 91+75N	1	20	11	66	.2	11	6	501	1.96	3	5	ND	5	163	.4	2	2	43	.68	.139	51	20	.34	163	.18	3	1.82	.02	.24	1	1
100+00E 91+50N	1	20	18	74	.2	10	4	398	1.57	4	5	ND	4	314	.7	2	2	35	.90	.126	57	18	.31	124	.12	6	1.64	.02	.20	1	2
100+00E 91+25N	1	17	19	69	.1	11	5	528	1.74	5	5	ND	4	140	.6	2	2	35	.56	.091	42	19	.29	160	.16	3	1.96	.02	.19	1	1
100+00E 91+00N	1	18	14	92	.1	8	4	584	1.38	5	5	ND	3	134	.8	2	3	27	.70	.109	35	13	.23	151	.13	5	1.64	.02	.24	1	1
100+00E 90+75N	1	11	21	54	.1	6	3	332	1.20	2	5	ND	5	90	.2	2	2	21	.46	.058	51	7	.17	151	.12	4	1.70	.02	.15	1	2
100+00E 90+50N	1	15	20	68	.1	15	5	441	1.39	6	5	ND	4	107	.5	2	2	26	.52	.089	42	14	.24	152	.11	5	1.46	.02	.19	1	2
100+00E 90+25N	1	20	37	105	.2	7	4	724	1.02	14	5	ND	2	182	1.3	2	2	17	.95	.169	83	6	.20	87	.04	6	.89	.02	.17	1	1
100+00E 90+00N	1	19	19	63	.1	12	5	474	1.45	8	5	ND	1	169	1.0	2	2	29	.70	.123	37	13	.24	168	.12	5	1.52	.02	.16	1	1
100+00E 89+75N	1	25	26	69	.1	108	10	641	1.86	9	5	ND	5	106	.4	2	2	30	.61	.112	59	59	.70	126	.08	5	1.54	.02	.19	1	1
100+00E 89+50N	1	30	18	75	.3	107	12	568	2.23	4	5	ND	8	140	.9	2	2	35	.84	.125	77	64	.97	122	.08	6	1.73	.02	.35	1	4
100+00E 89+25N	1	26	15	86	.1	76	12	763	2.53	11	5	ND	11	126	.7	3	2	45	.57	.143	73	52	.63	145	.14	4	1.95	.02	.26	1	1
100+00E 89+00N	1	25	5	84	.1	60	9	555	2.00	7	5	ND	4	323	.5	2	2	36	1.29	.119	52	37	.44	146	.12	7	1.56	.02	.27	1	3
100+00E 88+75N	1	22	11	57	.1	52	8	517	1.73	6	5	ND	4	207	.3	2	2	35	.65	.113	45	31	.40	139	.13	4	1.42	.02	.23	1	1
100+00E 88+50N	1	21	9	55	.1	104	10	595	1.28	5	5	ND	1	226	.2	2	2	21	.73	.102	24	37	.35	142	.08	6	1.26	.02	.14	1	1
100+00E 88+25N	1	16	9	57	.1	50	7	477	1.45	4	5	ND	2	130	.5	2	2	30	.58	.138	36	24	.30	159	.12	7	1.55	.02	.17	1	1
100+00E 88+00N	1	20	15	53	.1	198	16	625	1.84	7	5	ND	2	98	.3	2	3	28	.53	.103	28	68	.56	186	.12	8	1.77	.02	.17	1	3
100+00E 87+75N	1	28	4	47	.1	195	18	670	1.89	11	5	ND	2	182	.8	3	2	28	.75	.122	35	66	.66	166	.11	7	1.67	.02	.19	1	2
100+00E 87+50N	1	30	18	55	.1	94	12	643	1.46	9	5	ND	1	298	.7	2	4	25	.97	.134	43	37	.51	180	.09	7	1.63	.02	.20	1	2
100+00E 87+25N	1	26	16	39	.1	99	13	587	1.59	6	5	ND	2	345	.3	2	2	26	.74	.085	44	43	.58	144	.09	7	1.51	.02	.22	1	3
100+00E 87+00N	1	39	19	75	.2	254	23	834	2.24	13	5	ND	3	170	.6	2	3	32	.90	.134	42	105	1.61	171	.08	11	1.61	.02	.20	1	4
100+00E 86+75N	1	28	22	64	.1	687	44	644	3.32	16	5	ND	3	88	.2	2	2	36	.81	.101	32	262	5.68	133	.06	19	1.63	.01	.20	1	4
100+00E 86+50N	1	26	6	64	.2	594	39	693	3.11	10	5	ND	4	81	.4	2	3	36	.61	.108	33	228	3.97	157	.07	16	1.52	.02	.24	1	2
100+00E 86+25N	1	22	16	66	.1	134	14	749	1.61	9	5	ND	2	156	.7	2	3	25	.75	.083	31	53	.72	183	.09	7	1.35	.02	.21	1	1
100+00E 86+00N	1	17	8	59	.1	60	8	750	1.40	5	5	ND	3	128	.2	2	2	22	.59	.065	27	29	.38	187	.11	5	1.43	.02	.21	1	1
100+00E 85+75N	1	17	13	67	.1	46	9	802	1.86	5	5	ND	4	105	.7	2	2	29	.58	.057	36	36	.55	264	.12	7	1.56	.02	.26	1	1
100+00E 85+50N	1	20	6	73	.1	80	10	624	2.21	9	5	ND	2	182	.5	2	2	32	.68	.069	29	47	.90	348	.09	7	1.84	.02	.27	1	1
100+00E 85+25N	1	20	23	78	.2	208	17	370	2.23	14	5	ND	3	218	.2	2	2	36	.78	.100	27	123	2.29	152	.08	14	1.20	.03	.11	1	4
100+00E 85+00N	1	21	9	60	.2	157	13	496	2.03	8	5	ND	5	147	.2	2	2	32	.59	.085	33	69	.76	142	.13	11	1.53	.02	.24	1	4
100+00E 84+75N	1	20	11	57	.1	86	11	609	2.08	7	5	ND	7	96	.5	3	2	37	.52	.079	48	51	.65	154	.14	6	1.62	.02	.19	1	2
100+00E 84+50N	1	26	17	65	.1	109	13	701	2.53	8	5	ND	6	92	.3	2	3	44	.64	.117	48	66	.86	156	.13	5	1.55	.02	.20	1	6
100+00E 84+25N	1	23	21	69	.1	144	13	646	2.37	7	5	ND	4	75	.3	2	2	35	.48	.061	35	73	.71	187	.12	5	1.79	.02	.30	1	4
100+00E 84+00N	1	19	15	59	.1	79	10	630	2.13	5	5	ND	4	81	.2	2	2	30	.47	.045	36	50	.54	247	.10	5	1.83	.02	.27	1	1
100+00E 83+75N	1	21	10	69	.1	52	9	720	1.88	6	5	ND	3	80	.4	2	2	27	.63	.063	27	37	.44	294	.07	7	1.51	.02	.32	1	2
100+00E 83+50N	1	27	20	86	.1	67	9	874	2.10	7	5	ND	2	101	.2	2	2	24	.49	.066	24	41	.36	324	.10	8	1.96	.02	.29	2	1
STANDARD C/AU-S	17	58	37	130	6.9	68	30	1050	3.77	40	18	7	36	47	18.3	15	21	58	.49	.096	38	52	.87	174	.10	35	1.85	.06	.13	11	48

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	Au* ppb
100+00E 83+25N	1	16	9	34	.1	46	7	560	1.23	2	5	ND	2	48	.3	2	2	22	.40	.051	12	26	.26	132	.05	12	.78	.02	.12	1	1
100+00E 83+00N	1	19	11	60	.1	52	8	654	1.83	4	5	ND	3	57	.2	2	2	33	.43	.054	25	33	.35	167	.08	8	1.53	.02	.11	1	3

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Minnova Inc. PROJECT 661 File # 90-1741 Page 1

3rd floor - 311 Water St., Vancouver BC V6B 1B8 Submitted by: LINDA LEE

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	Au* ppb
90+50N 93+25E	1	18	26	64	.2	44	7	604	1.45	11	5	ND	1	106	.4	3	2	26	.67	.083	26	21	.31	217	.08	9	1.68	.02	.12	2	2
90+50N 93+50E	1	14	17	40	.1	113	11	572	1.53	7	5	ND	1	94	.6	2	2	25	.58	.054	16	61	.93	527	.09	5	1.69	.02	.09	3	1
90+50N 93+75E	1	14	24	57	.1	54	8	635	1.73	9	5	ND	1	70	.4	2	2	33	.46	.078	22	28	.38	264	.11	2	2.07	.02	.11	1	1
90+50N 94+25E	1	23	10	104	.1	28	7	1183	1.51	12	5	ND	1	98	.2	2	2	29	.84	.153	16	23	.36	346	.07	2	1.44	.02	.12	1	4
90+50N 94+50E	1	17	16	55	.2	50	8	555	1.73	8	5	ND	2	77	.2	2	2	34	.48	.070	30	27	.36	206	.11	2	1.88	.02	.12	1	1
90+50N 94+75E	1	20	21	57	.2	174	17	632	1.68	22	5	ND	1	84	.2	2	2	29	.64	.102	25	37	.40	189	.08	2	1.58	.02	.11	1	1
90+50N 95+25E	1	18	13	51	.1	61	11	479	1.75	10	5	ND	2	106	.3	2	3	33	.52	.098	39	27	.34	145	.11	2	1.75	.02	.13	1	1
90+50N 95+50E	1	18	25	67	.1	23	7	475	1.87	6	5	ND	4	117	.2	2	2	38	.59	.096	51	19	.31	160	.13	2	1.95	.02	.17	2	2
90+50N 95+75E	1	16	17	49	.1	15	6	486	1.55	5	5	ND	2	157	.2	2	2	30	.65	.089	38	15	.25	160	.10	2	1.69	.02	.12	1	1
90+50N 96+25E	1	16	13	70	.1	15	6	631	1.41	8	5	ND	2	107	.2	2	2	30	.50	.101	35	14	.21	158	.10	2	1.37	.02	.11	1	1
90+50N 96+50E	1	14	10	46	.1	12	4	466	1.14	5	5	ND	1	82	.3	2	2	24	.42	.094	18	10	.18	169	.09	2	1.27	.02	.08	1	1
90+50N 96+75E	1	15	19	60	.1	22	6	457	1.82	3	5	ND	5	112	.2	2	2	37	.49	.086	45	17	.31	192	.14	2	2.17	.02	.13	1	1
90+25N 93+25E	1	14	23	67	.1	48	8	530	1.80	4	5	ND	1	75	.2	2	2	32	.49	.073	27	22	.31	249	.11	2	2.25	.02	.14	1	1
90+25N 93+50E	1	18	19	62	.1	140	13	588	2.10	11	5	ND	3	81	.4	2	2	37	.52	.095	35	36	.50	200	.11	6	1.95	.02	.17	1	3
90+25N 93+75E	1	19	18	86	.1	29	8	763	1.93	10	5	ND	1	63	.4	2	2	41	.51	.113	20	35	.66	193	.09	2	1.78	.02	.11	1	2
90+25N 94+25E	1	23	15	115	.1	44	10	869	2.35	2	5	ND	1	68	.2	2	2	50	.60	.128	24	37	.66	219	.15	2	2.23	.02	.09	1	1
90+25N 94+50E	1	20	16	73	.1	38	8	708	1.99	6	5	ND	3	101	.2	2	3	40	.70	.109	43	29	.44	193	.11	2	1.74	.02	.21	1	2
90+25N 94+75E	1	44	18	79	.2	203	23	731	2.16	22	5	ND	1	84	1.0	2	2	33	.63	.098	28	71	.38	161	.09	3	1.52	.02	.12	1	1
90+25N 95+25E	1	25	148	251	.7	583	52	1295	3.50	52	5	ND	1	74	2.1	2	2	25	.96	.104	12	89	1.14	107	.04	8	1.22	.02	.12	1	9
90+25N 95+50E	1	18	32	87	.1	215	27	781	2.61	15	5	ND	4	61	.9	2	2	39	.44	.099	36	49	.50	141	.11	3	1.82	.02	.16	1	1
90+25N 95+75E	1	21	20	69	.1	32	7	502	1.86	4	5	ND	3	138	.4	2	4	38	.68	.126	53	20	.33	175	.12	2	2.06	.02	.17	1	2
90+25N 96+25E	1	19	19	89	.2	20	7	766	1.99	8	5	ND	3	66	.6	2	2	40	.47	.102	35	20	.34	359	.12	2	2.42	.02	.13	1	4
90+25N 96+50E	1	16	22	62	.1	46	9	626	1.75	2	5	ND	3	90	.4	2	3	33	.57	.077	35	28	.31	255	.12	2	2.02	.02	.18	1	2
90+25N 96+75E	1	17	16	63	.2	18	6	548	1.57	2	5	ND	2	133	.7	2	2	37	.65	.126	39	17	.25	151	.11	2	1.44	.02	.13	1	1
90+00N 93+25E	1	18	31	115	.1	49	8	612	1.80	9	5	ND	2	76	1.1	2	2	32	.56	.082	28	27	.43	217	.11	3	2.18	.02	.14	1	1
90+00N 93+50E	1	17	27	68	.1	38	9	704	2.45	3	5	ND	2	45	.4	3	2	43	.41	.086	31	34	.61	247	.09	2	2.49	.02	.17	1	1
90+00N 93+75E	1	17	13	65	.1	64	9	508	1.66	3	5	ND	2	84	.7	2	2	32	.51	.097	31	32	.37	178	.09	2	1.58	.02	.17	1	2
90+00N 94+25E	1	17	14	61	.1	23	6	485	1.39	10	5	ND	1	86	.7	2	2	26	.56	.131	26	16	.29	164	.09	2	1.65	.02	.13	2	1
90+00N 94+50E	1	18	30	110	.1	36	8	641	1.68	10	5	ND	1	102	.8	2	2	30	.70	.116	31	22	.33	220	.09	3	1.83	.02	.16	1	3
90+00N 94+75E	1	25	25	86	.1	58	10	700	1.96	14	5	ND	2	89	1.1	2	2	40	.64	.120	45	30	.41	163	.10	7	1.80	.02	.18	1	11
90+00N 95+25E	1	22	25	84	.2	136	15	674	1.83	19	5	ND	1	110	.4	2	2	31	.73	.112	31	65	.79	191	.08	6	1.49	.02	.18	1	1
90+00N 95+50E	1	21	23	78	.2	118	15	731	2.17	17	5	ND	2	87	.7	2	2	36	.58	.102	36	54	.73	206	.10	6	1.73	.02	.21	1	2
90+00N 95+75E	1	21	21	72	.2	69	10	540	2.01	5	5	ND	3	113	.4	3	2	40	.67	.119	47	44	.62	181	.11	6	1.70	.02	.19	1	1
90+00N 96+25E	1	19	25	73	.1	72	11	602	2.33	6	5	ND	6	69	.6	2	2	48	.40	.093	50	43	.49	180	.14	2	2.19	.02	.13	1	1
90+00N 96+50E	1	19	17	64	.1	41	9	554	1.78	4	5	ND	2	101	.7	2	3	36	.59	.099	37	24	.33	204	.11	6	1.80	.02	.17	1	1
90+00N 96+75E	1	20	11	57	.1	32	7	585	1.42	4	5	ND	1	120	.5	2	2	27	.62	.130	33	17	.25	196	.09	2	1.58	.02	.13	2	1
STANDARD C/AU-S	18	58	42	135	7.0	67	30	1052	3.81	38	17	7	37	48	19.8	15	18	59	.51	.094	40	55	.90	175	.09	36	1.91	.06	.14	12	47

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 13 1990 **DATE REPORT MAILED:** June 18/90 **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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	Au* ppb
89+75N 93+25N	1	16	18	69	.2	15	5	516	1.46	6	5	ND	1	71	.6	2	2	26	.57	.081	21	11	.24	202	.09	5	2.02	.02	.12	1	4
89+75N 93+50N	1	20	25	74	.2	35	8	474	1.63	9	5	ND	3	100	.7	2	2	34	.58	.109	37	22	.37	170	.10	3	1.64	.02	.20	1	1
89+75N 93+75N	1	18	9	55	.1	25	7	493	1.55	3	5	ND	2	99	.6	3	2	32	.60	.102	34	20	.32	169	.09	2	1.61	.02	.19	1	1
89+75N 94+25N	1	25	13	72	.1	31	7	569	1.79	8	5	ND	3	102	1.1	2	2	41	.78	.115	44	26	.43	140	.09	2	1.49	.02	.15	1	1
89+75N 94+50N	1	23	3	58	.2	481	39	886	2.46	52	5	ND	1	78	.4	2	2	24	.87	.124	8	265	1.28	152	.04	10	1.10	.02	.08	1	1
89+75N 94+75N	1	26	29	91	1.2	191	17	1584	2.32	116	5	ND	2	61	.2	2	2	35	.57	.084	30	79	.47	159	.10	4	1.76	.02	.15	1	74
89+75N 95+25N	1	18	17	53	.2	117	13	609	1.51	14	5	ND	1	80	.4	2	2	27	.56	.073	23	80	1.10	164	.07	2	1.38	.02	.12	1	42
89+75N 95+50N	1	17	11	62	.2	87	11	503	1.40	11	5	ND	1	92	.4	2	2	27	.55	.086	26	67	.84	154	.07	4	1.33	.02	.13	2	4
89+75N 95+75N	1	19	13	62	.2	82	10	486	1.64	12	5	ND	2	124	.5	2	2	32	.58	.097	32	57	.81	175	.09	2	1.48	.02	.17	1	4
89+75N 96+25N	1	24	18	61	.2	163	14	606	2.37	20	5	ND	5	65	.2	2	2	45	.50	.083	38	98	1.20	194	.11	2	2.02	.02	.14	1	1
89+75N 96+50N	1	19	14	58	.2	54	8	528	1.57	12	5	ND	2	110	.5	2	2	32	.59	.113	32	38	.41	158	.09	6	1.42	.02	.15	1	2
89+75N 96+75N	1	24	22	80	.1	39	8	680	1.61	11	5	ND	1	154	.5	2	2	32	.86	.156	32	29	.44	334	.09	2	1.66	.02	.24	1	1
89+50N 93+25N	1	20	11	75	.3	34	8	720	2.17	14	5	ND	3	64	.8	2	2	39	.56	.089	37	24	.41	174	.10	5	1.91	.02	.22	2	1
89+50N 93+50N	1	21	24	88	.3	27	7	557	1.90	9	5	ND	4	95	.8	2	2	39	.64	.103	41	23	.35	171	.11	4	1.90	.02	.19	1	1
89+50N 93+75N	1	16	7	50	.1	29	6	449	1.53	7	5	ND	2	87	.9	2	2	32	.52	.081	29	22	.31	184	.10	2	1.67	.02	.15	1	1
89+50N 94+25N	1	27	8	82	.2	17	8	1118	2.02	7	5	ND	1	89	.7	2	2	43	.71	.123	21	29	.54	238	.10	2	1.87	.03	.14	1	1
89+50N 94+50N	1	18	13	52	.1	381	36	795	2.49	13	5	ND	1	74	.2	2	2	34	.74	.099	17	235	1.61	184	.06	9	1.25	.02	.11	1	1
89+50N 94+75N	1	20	67	111	3.4	128	14	1366	2.25	52	5	ND	2	59	.9	2	2	30	.55	.080	24	56	.51	152	.08	2	1.57	.02	.15	1	40
89+50N 95+25N	1	18	16	65	.4	138	11	535	1.44	11	5	ND	1	93	.9	2	2	25	.62	.094	20	76	1.13	174	.07	6	1.32	.02	.11	1	2
89+50N 95+50N	1	21	13	63	.2	85	10	511	1.53	9	5	ND	1	99	.7	2	2	29	.65	.100	27	57	.75	181	.07	2	1.44	.02	.14	1	17
89+50N 95+75N	1	21	20	61	.1	80	9	523	1.58	7	5	ND	1	121	.2	2	2	30	.71	.101	28	59	.79	199	.08	7	1.71	.02	.14	1	1
89+50N 96+25N	1	23	20	67	.3	170	16	723	2.48	17	5	ND	4	64	.6	2	2	45	.44	.085	37	124	1.20	170	.10	2	1.80	.02	.17	1	1
89+50N 96+50N	1	19	13	56	.1	33	7	623	1.87	10	5	ND	2	37	.3	2	2	40	.34	.078	20	35	.39	311	.10	2	2.14	.02	.10	1	1
89+50N 96+75N	1	24	19	65	.2	173	15	712	2.41	14	5	ND	4	75	.9	2	2	44	.53	.103	43	101	1.15	207	.10	8	1.88	.02	.14	1	1
89+25N 93+25N	1	17	16	65	.2	20	6	478	1.61	9	5	ND	2	72	.4	2	2	30	.52	.087	27	16	.28	183	.10	9	1.81	.02	.18	1	1
89+25N 93+50N	1	16	17	65	.4	30	6	482	1.60	7	5	ND	2	75	.6	2	2	32	.57	.083	26	22	.33	195	.10	4	1.76	.02	.16	1	4
89+25N 93+75N	1	17	12	77	.3	31	6	510	1.62	9	5	ND	1	102	.6	2	3	32	.65	.096	30	22	.32	189	.09	4	1.68	.02	.16	1	1
89+25N 94+25N	1	20	10	73	.4	31	6	538	1.72	9	5	ND	3	101	.5	2	2	35	.72	.125	34	23	.34	165	.10	12	1.56	.02	.20	1	1
89+25N 94+50N	1	17	19	66	.3	29	6	477	1.47	7	5	ND	1	87	.4	2	2	31	.58	.096	27	21	.29	140	.07	2	1.28	.02	.13	1	1
89+25N 94+75N	1	23	34	99	2.3	43	11	1336	2.61	51	5	ND	3	56	1.0	2	2	39	.54	.076	36	24	.43	152	.09	6	1.74	.02	.18	1	33
89+25N 95+25N	1	20	19	69	.7	116	13	700	1.82	25	5	ND	1	109	.4	2	2	30	.70	.097	29	73	.94	217	.08	12	1.71	.02	.14	1	5
89+25N 95+50N	1	19	22	66	.3	93	9	525	1.74	12	5	ND	1	115	.8	2	2	33	.73	.103	32	58	.74	182	.08	9	1.53	.02	.16	1	1
89+25N 95+75N	1	20	17	85	.4	89	10	521	1.62	14	5	ND	1	119	.8	2	2	29	.73	.105	28	56	.73	193	.08	2	1.62	.02	.17	1	6
89+25N 96+25N	1	19	14	63	.2	72	8	487	1.51	8	5	ND	1	137	.5	2	3	29	.70	.090	24	51	.68	167	.07	12	1.54	.02	.11	1	3
89+25N 96+50N	1	19	16	59	.4	120	13	699	2.15	16	5	ND	4	69	.6	2	2	39	.45	.073	33	87	.95	191	.10	10	1.67	.02	.17	1	4
89+25N 96+75N	1	23	19	77	.4	168	17	699	2.35	15	5	ND	4	82	1.1	2	3	42	.56	.102	44	98	.92	199	.09	12	1.58	.02	.17	1	4
STANDARD C/AU-S	18	58	40	134	7.0	68	30	1047	3.78	42	18	7	37	48	19.1	15	17	59	.50	.097	38	55	.89	171	.09	31	1.89	.06	.13	11	54

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	Au* ppb
89+00N 93+25E	1	26	22	88	.2	28	10	901	3.12	15	5	ND	3	82	.5	2	2	52	.66	.119	34	48	.69	307	.09	2	2.52	.03	.29	1	2
89+00N 93+50E	1	25	17	73	.1	44	9	645	2.69	9	5	ND	7	90	.2	2	2	50	.54	.112	53	37	.56	209	.10	4	1.99	.03	.15	1	7
89+00N 93+75E	1	28	31	103	1.0	43	10	773	2.57	23	5	ND	5	70	.2	2	3	38	.52	.082	35	34	.44	227	.12	2	2.32	.03	.20	1	1
89+00N 94+25E	1	28	21	78	.2	68	11	838	2.74	12	5	ND	6	90	.2	2	3	44	.58	.095	44	42	.52	186	.11	4	2.06	.03	.23	1	9
89+00N 94+50E	1	20	12	80	.2	14	7	1142	1.73	14	5	ND	1	47	.2	2	2	24	.56	.073	11	12	.23	185	.06	2	1.33	.03	.10	2	1
89+00N 94+75E	1	23	18	76	.4	98	12	883	2.59	15	5	ND	8	77	.2	2	2	39	.58	.069	33	38	.49	176	.11	13	2.04	.03	.20	1	1
89+00N 95+25E	1	27	17	68	.3	69	9	594	1.82	14	5	ND	2	130	.3	2	3	30	.79	.102	32	44	.51	199	.07	2	1.53	.03	.14	1	1
89+00N 95+50E	1	25	19	73	.4	66	9	540	1.80	11	5	ND	2	117	.3	2	3	30	.71	.085	32	52	.55	196	.08	11	1.61	.03	.15	1	4
89+00N 95+75E	1	22	15	75	.3	71	9	526	1.78	9	5	ND	2	134	.3	2	2	29	.75	.098	31	56	.62	192	.08	5	1.68	.03	.16	2	3
89+00N 96+25E	1	25	16	83	.3	113	12	625	2.06	13	5	ND	3	108	.2	2	2	31	.65	.104	30	80	.82	201	.10	6	2.11	.03	.17	2	1
89+00N 96+50E	1	18	15	70	.1	86	11	548	1.92	2	5	ND	3	75	.2	2	2	29	.44	.087	23	66	.59	176	.09	2	1.83	.03	.18	1	2
89+00N 96+75E	1	25	13	56	.2	110	12	544	1.90	9	5	ND	3	230	.2	2	3	29	.97	.077	29	76	.99	207	.08	7	1.57	.04	.17	1	1
88+75N 94+25E	1	27	25	124	1.6	62	11	996	2.94	26	5	ND	6	64	.6	2	2	43	.43	.075	42	41	.51	191	.11	2	2.32	.03	.22	1	1
88+75N 94+50E	1	22	79	236	3.2	26	12	2722	3.27	79	5	ND	2	44	1.4	2	3	32	.52	.074	19	18	.43	215	.07	2	2.26	.03	.16	1	120
88+75N 94+75E	1	33	142	286	7.9	20	13	2542	3.47	143	5	ND	1	51	2.3	3	4	25	.60	.084	11	11	.33	129	.03	3	1.44	.03	.14	1	103
88+75N 95+25E	1	26	16	80	.3	61	9	666	1.70	11	5	ND	2	114	.2	2	2	26	.75	.090	26	39	.42	197	.07	2	1.36	.03	.14	2	3
88+75N 95+50E	1	26	14	66	.2	66	9	544	1.92	10	5	ND	3	118	.2	2	2	33	.77	.102	33	55	.57	182	.08	3	1.38	.03	.17	2	1
88+75N 95+75E	1	22	16	74	.1	53	8	547	1.74	11	5	ND	2	131	.3	2	2	29	.82	.102	33	37	.43	173	.07	2	1.45	.03	.14	2	1
88+75N 96+25E	1	12	17	67	.3	74	10	554	1.99	8	5	ND	3	116	.4	2	3	32	.65	.089	32	64	.57	201	.10	2	1.92	.03	.16	2	1
88+75N 96+50E	1	17	12	70	.1	146	23	1135	2.93	2	5	ND	1	50	.3	2	2	27	.52	.098	8	376	.92	117	.06	2	1.21	.03	.08	1	1
88+75N 96+75E	1	24	10	56	.3	102	11	499	1.73	5	5	ND	2	262	.3	2	2	24	.91	.086	22	77	1.51	175	.07	14	1.47	.05	.19	1	3
88+50N 93+25E	1	27	29	102	1.2	57	10	634	2.63	18	5	ND	5	143	.3	2	2	45	.82	.123	47	41	.60	189	.10	12	1.84	.03	.25	1	10
88+50N 93+75E	1	36	113	321	7.6	62	15	1609	3.40	100	5	ND	5	77	1.6	2	2	35	.75	.076	33	41	.49	220	.09	6	2.11	.03	.35	1	158
88+50N 94+25E	1	29	41	137	2.9	57	12	1214	3.11	47	5	ND	5	63	.7	2	2	41	.53	.071	38	38	.45	192	.11	2	2.28	.03	.26	1	34
88+50N 94+50E	1	47	268	236	30.5	29	20	3481	3.96	445	5	ND	3	47	1.6	7	3	31	.59	.077	21	20	.34	183	.07	2	2.07	.03	.20	1	470
88+50N 94+75E	1	28	64	145	5.8	52	14	1355	3.42	57	5	ND	6	62	.8	2	2	47	.50	.095	37	38	.55	172	.10	3	2.05	.03	.23	1	98
88+50N 95+25E	1	14	16	69	.4	113	13	673	1.56	12	5	ND	1	73	.2	2	2	20	.52	.075	13	84	.83	195	.05	2	1.07	.03	.13	2	22
88+50N 95+50E	1	16	12	55	.1	39	7	495	1.51	4	5	ND	1	109	.2	2	2	26	.63	.085	22	34	.38	194	.07	2	1.41	.03	.10	1	1
88+50N 95+75E	1	19	13	67	.1	40	7	506	1.64	3	5	ND	1	121	.2	2	2	28	.67	.084	26	37	.44	203	.07	2	1.55	.03	.13	2	4
88+50N 96+25E	1	14	18	66	.3	104	15	768	2.58	5	5	ND	4	80	.3	2	2	36	.49	.086	32	133	.74	201	.10	2	1.97	.03	.15	1	7
88+50N 96+50E	1	23	17	65	.3	56	8	543	1.91	8	5	ND	2	187	.3	2	2	33	.79	.099	34	49	.59	185	.08	5	1.70	.04	.15	2	4
88+50N 96+75E	1	21	18	73	.2	120	17	756	2.42	7	5	ND	4	121	.4	2	2	34	.71	.101	35	117	.90	182	.09	4	1.56	.03	.21	1	1
88+25N 93+25E	1	21	24	90	1.0	42	8	602	2.00	11	5	ND	4	180	.4	2	2	33	.66	.102	35	27	.39	178	.09	2	1.60	.03	.24	1	1
88+25N 93+50E	1	23	41	153	2.2	52	10	929	2.09	41	5	ND	3	118	.9	2	2	28	.64	.088	25	29	.38	166	.07	4	1.46	.03	.20	1	46
88+25N 93+75E	1	18	24	68	.6	384	32	1353	3.27	39	5	ND	2	70	.4	2	2	27	.66	.074	8	332	3.49	186	.05	6	1.62	.02	.15	1	41
88+25N 94+25E	1	18	28	71	.8	641	55	789	3.01	41	5	ND	2	64	.3	2	2	26	.60	.072	14	441	4.65	229	.05	8	1.37	.02	.15	1	1
STANDARD C/AU-S	18	57	38	131	7.1	70	31	1031	3.94	36	20	7	38	53	19.3	15	20	56	.50	.086	38	58	.91	180	.09	31	1.90	.05	.13	11	54

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	Au* ppb
88+25N 94+50E	1	24	45	123	3.6	42	16	1707	3.31	57	5	ND	2	61	.7	3	4	28	.77	.077	18	28	.48	161	.06	4	1.67	.02	.20	1	140
88+25N 94+75E	1	21	51	137	7.2	34	14	2172	3.24	85	5	ND	2	58	.7	2	2	26	.72	.074	16	19	.48	213	.05	3	1.64	.02	.21	1	160
88+25N 95+25E	1	15	18	59	.2	75	12	809	2.18	16	5	ND	2	79	.2	2	2	29	.51	.068	25	55	.50	232	.09	6	2.02	.03	.18	1	10
88+25N 95+50E	1	19	13	62	.2	60	10	639	1.86	8	5	ND	1	150	.2	2	2	30	.72	.097	27	43	.45	238	.08	5	1.62	.03	.12	1	4
88+25N 95+75E	1	15	11	65	.1	64	10	604	2.12	10	5	ND	3	115	.2	2	2	36	.67	.092	37	61	.58	195	.09	5	1.68	.03	.16	1	1
88+25N 96+25E	1	22	16	75	.1	38	7	563	1.93	5	5	ND	2	169	.2	2	2	33	.82	.110	35	36	.40	194	.09	6	1.93	.03	.15	1	1
88+25N 96+50E	1	21	11	69	.1	49	8	613	1.78	10	5	ND	1	179	.3	2	2	30	.92	.124	32	37	.44	188	.07	6	1.77	.03	.14	1	1
88+25N 96+75E	1	17	18	67	.3	92	13	685	2.34	13	5	ND	4	110	.3	2	2	36	.60	.081	35	86	.68	201	.11	5	1.99	.03	.17	1	4
88+00N 93+25E	1	17	31	113	1.7	33	7	665	1.76	31	5	ND	2	150	.5	2	2	26	.69	.103	29	19	.36	203	.08	4	1.74	.03	.18	1	19
88+00N 93+50E	1	17	16	84	.4	33	6	472	1.47	15	5	ND	1	187	.2	2	2	23	.76	.085	21	20	.41	143	.07	6	1.39	.03	.16	1	3
88+00N 93+75E	1	42	32	89	.2	198	20	1224	2.73	24	5	ND	2	88	.3	2	2	32	.76	.144	26	126	1.04	305	.07	9	1.58	.03	.19	1	6
88+00N 94+25E	1	15	14	64	.4	401	38	853	3.09	31	5	ND	2	71	.3	3	2	26	.57	.071	13	267	2.83	176	.07	13	1.37	.03	.15	1	10
88+00N 94+50E	1	20	24	94	.7	76	11	1014	2.52	13	5	ND	4	93	.3	2	2	41	.69	.096	33	55	.63	150	.09	10	1.38	.03	.18	1	10
88+00N 94+75E	1	47	23	93	.3	81	14	1151	2.80	14	5	ND	4	74	.3	2	2	42	.63	.082	27	50	.52	336	.09	5	1.86	.03	.16	1	3
88+00N 95+25E	1	17	13	54	.1	65	10	616	1.89	4	5	ND	2	78	.3	2	2	30	.51	.079	23	42	.38	195	.09	2	1.71	.03	.12	2	3
88+00N 95+50E	1	15	12	53	.2	68	10	600	1.68	10	5	ND	2	71	.2	2	2	26	.51	.078	16	44	.37	147	.08	4	1.58	.03	.08	1	3
88+00N 95+75E	1	15	10	56	.1	95	16	693	1.66	5	5	ND	1	84	.2	2	2	20	.64	.088	12	55	.46	159	.07	4	1.47	.03	.11	1	2
88+00N 96+25E	1	17	13	61	.1	66	11	587	2.05	6	5	ND	2	118	.4	2	2	31	.65	.082	29	73	.56	213	.09	2	1.80	.03	.15	1	1
88+00N 96+50E	1	19	12	65	.1	45	8	553	1.91	7	5	ND	2	164	.2	2	2	33	.84	.110	37	47	.45	193	.08	4	1.72	.03	.14	1	1
88+00N 96+75E	1	21	14	72	.1	44	8	595	1.95	2	5	ND	2	147	.6	2	2	34	.80	.117	37	44	.44	190	.09	4	1.78	.03	.15	1	1
87+75N 93+25E	1	19	16	74	.3	57	9	594	1.96	8	5	ND	2	137	.3	2	3	32	.69	.095	36	28	.43	186	.08	4	1.70	.03	.19	1	1
87+75N 93+50E	1	15	13	78	.3	39	7	531	1.65	12	5	ND	1	120	.3	2	2	26	.64	.086	27	22	.34	186	.08	2	1.61	.03	.17	1	8
87+75N 93+75E	1	19	13	81	.1	53	8	608	1.65	14	5	ND	2	129	.3	2	2	26	.77	.096	25	29	.34	210	.07	8	1.52	.03	.15	1	1
87+75N 94+25E	1	20	17	69	.2	136	16	749	2.53	13	5	ND	4	73	.3	2	2	35	.51	.072	32	87	.61	240	.11	5	2.13	.03	.18	1	3
87+75N 94+50E	1	20	14	75	.2	92	12	615	2.67	10	5	ND	7	92	.2	2	2	48	.59	.100	44	62	.63	143	.10	6	1.47	.03	.20	1	2
87+75N 94+75E	1	27	13	72	.2	190	20	805	3.19	4	5	ND	6	76	.2	2	2	43	.45	.093	38	131	.87	216	.11	5	2.00	.03	.20	1	3
87+75N 95+25E	1	13	9	47	.1	134	18	684	2.48	2	5	ND	3	54	.2	2	2	28	.35	.062	19	95	.53	199	.11	2	2.00	.03	.14	1	2
87+75N 95+50E	1	13	11	55	.1	270	27	838	2.53	2	5	ND	2	50	.2	2	2	27	.47	.098	11	145	.55	171	.09	2	1.65	.04	.06	1	2
87+75N 95+75E	1	15	4	69	.1	231	30	786	2.24	9	5	ND	2	61	.2	3	2	25	.58	.088	8	143	.77	142	.07	2	1.16	.03	.07	1	1
87+75N 96+25E	1	15	14	50	.3	67	10	602	1.90	2	5	ND	2	95	.2	2	2	28	.54	.057	22	46	.43	213	.09	2	1.92	.03	.10	1	3
87+75N 96+50E	1	20	14	61	.1	50	10	609	2.11	2	5	ND	4	152	.2	2	2	36	.75	.099	42	52	.50	169	.10	2	1.80	.03	.15	1	1
87+75N 96+75E	1	20	13	73	.1	48	9	605	2.07	2	5	ND	3	147	.2	2	2	35	.74	.108	39	52	.45	179	.10	4	1.80	.03	.17	1	4
87+50N 93+25E	1	13	14	79	.4	49	8	584	1.95	4	5	ND	3	112	.4	2	2	30	.59	.088	28	27	.42	244	.11	5	2.29	.03	.19	1	3
87+50N 93+50E	1	15	19	80	.1	55	10	653	2.45	2	5	ND	5	81	.3	2	2	39	.50	.088	38	37	.45	302	.12	3	2.19	.03	.22	1	3
87+50N 93+75E	1	29	28	78	.2	33	10	1140	2.51	7	5	ND	3	98	.4	2	2	45	.73	.109	45	33	.48	414	.06	3	1.84	.03	.28	1	4
87+50N 94+25E	1	15	11	66	.1	44	7	518	1.64	3	5	ND	1	97	.4	2	2	26	.59	.091	26	27	.32	181	.08	2	1.54	.03	.18	1	3
STANDARD C/AU-S	19	57	38	132	7.2	72	31	1026	3.95	39	22	7	39	53	19.6	16	19	57	.51	.087	38	58	.91	181	.09	33	1.94	.05	.13	13	45

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	Au* ppb
87+50N 94+50E	1	20	11	76	.2	69	10	633	2.36	6	5	ND	5	94	.2	2	2	38	.55	.087	38	44	.45	191	.12	6	2.05	.03	.19	1	7
87+50N 94+75E	1	29	16	67	.2	94	13	729	2.47	10	5	ND	5	90	.2	2	2	37	.58	.094	36	66	.57	237	.11	2	2.02	.03	.25	1	3
87+50N 95+25E	1	24	13	64	.1	248	18	742	2.93	8	5	ND	4	70	.2	2	2	42	.55	.086	30	97	.74	231	.11	10	2.11	.03	.24	1	1
87+50N 95+50E	1	40	17	70	.1	1162	57	1351	4.78	29	5	ND	2	62	.5	2	2	35	.42	.140	14	298	2.11	196	.09	2	2.01	.03	.10	1	9
87+50N 95+75E	1	21	9	76	.1	482	34	971	3.36	11	5	ND	3	50	.2	2	2	33	.38	.109	22	112	.71	188	.09	2	1.93	.03	.13	1	2
87+50N 96+25E	1	21	14	64	.2	57	10	591	1.74	6	5	ND	2	119	.2	2	2	27	.69	.090	28	50	.50	173	.07	2	1.52	.03	.14	1	3
87+50N 96+50E	1	19	14	60	.2	60	10	622	1.73	6	5	ND	2	86	.2	2	2	25	.53	.075	22	43	.37	165	.08	6	1.62	.03	.10	1	1
87+50N 96+75E	1	21	8	72	.1	179	21	905	2.33	9	5	ND	2	55	.2	2	2	25	.44	.098	14	95	.53	125	.08	2	1.18	.03	.10	1	1
87+25N 93+25E	1	26	15	70	.2	90	11	803	2.24	10	5	ND	2	75	.2	2	2	35	.61	.085	27	50	.52	231	.09	2	1.96	.03	.21	1	2
87+25N 93+50E	1	19	15	71	.2	68	8	579	1.83	10	5	ND	2	128	.3	2	2	28	.66	.077	30	32	.47	204	.08	4	1.70	.03	.19	1	1
87+25N 93+75E	1	23	12	64	.2	61	9	586	2.10	4	5	ND	4	126	.2	2	2	34	.74	.077	38	33	.56	206	.09	5	1.79	.03	.24	1	1
87+25N 94+25E	1	21	10	70	.2	51	8	574	1.98	7	5	ND	3	107	.2	2	2	33	.66	.097	33	34	.40	199	.10	2	1.78	.03	.17	1	1
87+25N 94+50E	1	23	13	77	.2	38	7	567	1.56	7	5	ND	2	95	.2	2	2	25	.63	.090	23	22	.28	209	.07	2	1.60	.03	.16	1	1
87+25N 94+75E	1	25	15	65	.3	79	10	641	2.21	18	5	ND	4	89	.2	2	2	35	.63	.096	36	42	.47	186	.10	2	1.94	.03	.22	1	2
87+25N 95+25E	1	21	12	63	.2	88	11	740	2.50	8	5	ND	4	82	.2	2	2	41	.54	.093	31	50	.56	285	.10	4	1.76	.03	.24	1	2
87+25N 95+50E	1	37	14	66	.2	164	17	1159	3.11	11	5	ND	2	76	.4	2	2	47	.71	.088	24	92	1.23	429	.08	2	2.06	.02	.23	1	1
87+25N 95+75E	1	48	8	79	.3	532	37	1059	3.55	11	5	ND	2	94	.4	2	2	27	.66	.159	11	339	3.94	271	.05	16	1.59	.02	.18	1	3
87+25N 96+25E	1	16	14	69	.1	189	15	736	2.11	9	5	ND	3	73	.3	2	2	28	.54	.091	23	55	.49	184	.10	2	1.72	.03	.18	1	1
87+25N 96+50E	1	13	11	49	.1	52	8	550	1.60	6	5	ND	1	85	.2	2	2	25	.57	.098	20	28	.32	163	.08	3	1.47	.03	.15	1	1
87+25N 96+75E	1	23	16	66	.2	51	9	594	2.03	9	5	ND	2	107	.3	2	2	34	.68	.097	34	42	.46	180	.10	5	1.84	.03	.13	1	1
87+00N 93+25E	1	27	12	72	.2	68	10	885	2.38	9	5	ND	3	78	.2	2	2	34	.65	.080	33	42	.56	240	.09	4	2.15	.03	.25	1	1
87+00N 93+50E	1	27	18	72	.2	127	13	735	2.68	14	5	ND	5	66	.2	2	2	40	.51	.080	40	60	.67	178	.10	2	1.83	.03	.23	1	3
87+00N 93+75E	1	25	19	80	.2	135	12	758	2.30	13	5	ND	2	97	.2	2	3	31	.68	.078	31	55	.63	204	.09	5	1.94	.03	.20	1	1
87+00N 94+25E	1	22	13	70	.2	59	9	681	2.17	5	5	ND	3	99	.2	2	2	34	.68	.106	36	32	.43	233	.10	3	1.74	.03	.23	1	2
87+00N 94+50E	1	41	33	86	.4	39	11	1468	2.89	22	5	ND	3	47	.4	2	2	33	.61	.076	25	22	.33	314	.11	3	2.44	.03	.22	1	4
87+00N 94+75E	1	13	22	69	.3	43	8	594	1.96	7	5	ND	1	94	.3	2	2	31	.60	.092	29	24	.34	241	.09	2	2.18	.03	.21	1	1
87+00N 95+25E	1	20	12	66	.2	48	8	581	1.97	8	5	ND	3	105	.2	2	2	31	.61	.093	31	28	.36	215	.11	2	2.06	.03	.21	1	1
87+00N 95+50E	1	30	14	68	.3	79	11	804	2.18	8	5	ND	3	81	.2	2	2	32	.63	.102	30	48	.50	283	.09	4	1.79	.03	.23	1	1
87+00N 95+75E	1	33	17	76	.1	320	24	952	3.35	16	5	ND	4	66	.3	2	2	36	.48	.074	21	71	.76	275	.08	5	2.03	.03	.26	1	1
87+00N 96+25E	1	17	11	67	.2	254	23	786	2.81	11	5	ND	3	69	.3	2	2	29	.47	.109	21	124	.91	189	.09	8	1.69	.03	.14	1	4
87+00N 96+50E	1	15	13	52	.1	70	9	573	1.66	10	5	ND	1	92	.2	2	2	25	.57	.096	23	32	.34	200	.08	5	1.67	.03	.21	1	5
87+00N 96+75E	1	15	13	65	.1	65	9	590	2.03	10	5	ND	1	108	.3	2	2	33	.64	.108	35	45	.42	166	.09	3	1.61	.03	.15	1	1
86+75N 93+25E	1	19	12	61	.1	56	8	669	1.62	8	5	ND	1	84	.2	2	2	23	.71	.080	17	38	.39	218	.07	2	1.71	.03	.14	1	1
86+75N 93+50E	1	30	10	67	.2	21	9	1158	1.65	10	5	ND	1	57	.3	2	2	24	.95	.098	10	16	.22	290	.06	2	1.50	.03	.10	1	4
86+75N 93+75E	1	24	10	78	.1	61	8	682	1.69	9	5	ND	1	102	.2	2	2	24	.77	.094	22	31	.42	215	.07	2	1.57	.03	.17	1	2
86+75N 94+25E	1	33	18	92	.2	56	10	1194	2.24	13	5	ND	2	70	.5	2	2	30	.69	.094	22	24	.31	210	.08	4	1.73	.03	.14	1	1
STANDARD C/AU-S	18	56	38	132	7.2	71	31	1033	3.97	41	20	7	37	53	19.3	15	19	57	.51	.084	38	58	.92	181	.09	39	1.95	.05	.14	12	49

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	Au* ppb
86+75N 94+50E	1	25	23	89	.3	18	9	1554	2.83	12	5	ND	2	54	.7	2	2	30	.73	.075	18	12	.33	332	.10	3	2.48	.02	.16	1	14
86+75N 94+75E	1	19	22	78	.2	63	10	666	2.33	10	5	ND	5	85	.4	2	3	37	.64	.098	37	35	.47	214	.11	7	2.01	.02	.24	1	4
86+75N 95+25E	1	17	12	65	.1	40	7	517	1.78	4	5	ND	2	102	.2	2	2	29	.61	.083	29	23	.33	206	.10	6	1.90	.03	.17	1	2
86+75N 95+50E	1	23	13	68	.2	58	8	573	1.97	8	5	ND	3	98	.2	2	2	31	.57	.085	32	29	.37	218	.10	5	1.96	.03	.21	1	1
86+75N 95+75E	1	23	23	85	.2	56	12	685	3.24	9	5	ND	5	71	.2	2	2	43	.61	.109	51	55	.77	673	.11	5	2.32	.02	.34	1	1
86+75N 96+25E	1	23	15	62	.1	233	17	657	2.55	11	5	ND	4	65	.2	2	2	36	.42	.082	34	75	.67	216	.10	5	1.84	.03	.15	1	1
86+75N 96+50E	1	12	12	57	.1	122	12	607	2.09	6	5	ND	3	81	.2	2	2	32	.49	.080	30	46	.50	206	.10	4	1.85	.02	.17	1	1
86+75N 96+75E	1	19	14	66	.1	128	11	613	1.89	5	5	ND	1	80	.2	2	2	28	.52	.116	23	47	.45	170	.08	3	1.62	.03	.15	1	1
86+50N 93+25E	1	21	22	84	.2	55	11	868	2.62	7	5	ND	4	69	.4	2	2	38	.53	.077	30	37	.45	306	.12	2	2.41	.02	.21	1	2
86+50N 93+50E	1	28	18	69	.2	36	12	1068	2.49	6	5	ND	2	37	.2	2	2	37	.52	.056	19	23	.31	454	.10	3	2.20	.03	.19	1	1
86+50N 93+75E	1	30	14	79	.2	102	14	944	2.74	8	5	ND	3	68	.3	2	2	41	.64	.081	37	55	.67	228	.09	7	1.94	.02	.20	1	4
86+50N 94+25E	1	15	11	70	.2	63	9	722	1.97	8	5	ND	2	83	.2	2	2	29	.64	.079	25	29	.36	229	.10	6	1.98	.03	.18	1	2
86+50N 94+50E	1	17	14	81	.1	83	10	743	2.25	10	5	ND	3	73	.2	2	2	32	.54	.075	30	36	.43	231	.11	5	2.13	.02	.19	1	2
86+50N 94+75E	1	21	12	88	.2	44	12	1271	2.51	5	5	ND	2	59	.2	2	2	34	.63	.082	21	22	.33	153	.10	5	2.04	.02	.17	1	1
86+50N 95+25E	1	15	12	73	.1	51	8	558	1.98	3	5	ND	3	102	.2	2	2	32	.62	.083	31	28	.37	214	.11	7	2.00	.03	.17	1	3
86+50N 95+50E	1	17	12	69	.2	54	8	543	1.98	5	5	ND	4	95	.3	2	3	31	.58	.083	30	29	.36	219	.11	5	1.98	.03	.19	1	1
86+50N 95+75E	1	34	11	65	.2	280	23	1080	2.47	6	5	ND	1	77	.2	2	2	24	.60	.095	14	67	.80	263	.07	7	1.60	.03	.17	1	1
86+50N 96+25E	1	20	15	62	.1	172	15	714	2.74	11	5	ND	6	62	.2	2	2	39	.39	.055	35	59	.70	243	.13	3	2.57	.03	.18	1	2
86+50N 96+50E	1	21	13	63	.2	302	20	730	2.95	22	5	ND	4	66	.2	4	2	41	.48	.081	35	104	1.22	253	.10	2	2.14	.02	.17	1	11
86+50N 96+75E	1	19	17	68	.1	136	13	635	2.42	14	5	ND	4	71	.2	2	2	37	.45	.075	33	59	.65	190	.11	4	1.95	.03	.15	1	1
86+25N 93+25E	1	21	13	70	.2	51	9	749	2.17	7	5	ND	3	68	.2	2	2	33	.49	.075	31	29	.39	212	.10	2	1.83	.02	.15	1	1
86+25N 93+50E	1	24	15	75	.2	52	10	811	2.21	4	5	ND	3	73	.2	2	2	33	.61	.078	27	28	.37	303	.10	2	2.01	.02	.18	1	1
86+25N 93+75E	1	24	10	68	.2	52	10	785	2.25	3	5	ND	4	54	.2	2	2	34	.47	.071	28	30	.37	309	.11	4	2.12	.02	.18	1	1
86+25N 94+25E	1	24	12	65	.2	57	9	741	1.94	7	5	ND	2	82	.2	2	2	28	.64	.071	25	33	.42	227	.09	4	1.93	.02	.17	1	2
86+25N 94+50E	1	20	14	78	.2	73	11	1008	2.81	4	5	ND	4	49	.2	2	2	38	.42	.059	32	41	.47	237	.12	3	2.50	.02	.20	1	59
86+25N 94+75E	1	26	11	70	.2	99	11	708	2.50	13	5	ND	5	63	.2	2	2	37	.49	.073	36	46	.58	194	.11	4	2.15	.02	.19	1	4
86+25N 95+25E	1	20	10	69	.1	61	8	538	1.85	2	5	ND	2	97	.2	2	2	29	.61	.095	32	30	.42	194	.09	3	1.62	.02	.18	2	1
86+25N 95+50E	1	15	10	69	.1	48	8	554	1.81	6	5	ND	1	99	.2	2	2	29	.64	.091	28	25	.35	214	.09	3	1.77	.03	.17	1	1
86+25N 95+75E	1	22	10	73	.1	54	9	638	2.09	8	5	ND	3	83	.2	2	2	32	.63	.084	31	33	.40	344	.10	4	1.99	.02	.21	1	1
86+25N 96+25E	1	24	14	66	.1	551	31	826	3.09	24	5	ND	4	65	.2	2	2	36	.45	.075	27	91	1.03	156	.09	5	1.89	.02	.19	1	2
86+25N 96+50E	1	13	14	53	.2	88	9	531	1.63	13	5	ND	2	87	.2	2	2	24	.57	.063	20	29	.38	181	.08	2	1.48	.02	.12	1	1
86+25N 96+75E	1	18	9	57	.3	139	12	578	2.22	7	5	ND	2	72	.2	2	2	31	.45	.102	28	53	.51	223	.11	2	2.28	.03	.17	1	1
86+00N 93+25E	1	24	10	60	.2	55	8	585	1.92	4	5	ND	2	116	.4	2	2	32	.67	.092	32	33	.46	199	.08	2	1.56	.02	.17	1	1
86+00N 93+50E	1	22	9	60	.1	48	8	650	1.97	3	5	ND	2	125	.4	2	2	32	.72	.087	30	32	.42	277	.09	2	1.72	.02	.19	1	2
86+00N 93+75E	1	31	12	70	.2	49	10	780	2.45	5	5	ND	3	66	.2	2	2	35	.55	.070	29	30	.41	265	.09	2	1.93	.02	.21	1	1
86+00N 94+25E	1	20	10	66	.2	61	9	758	2.13	3	5	ND	3	85	.3	2	2	31	.58	.075	29	36	.48	245	.10	2	2.12	.02	.18	1	1
STANDARD C/AU-S	18	57	36	132	7.2	71	31	1029	3.97	39	21	7	38	53	19.2	15	19	57	.51	.085	38	59	.92	182	.09	33	1.96	.05	.14	11	48

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	Au* ppb
86+00N 94+50E	1	22	15	76	.2	54	10	977	2.22	9	5	ND	4	72	.2	2	2	33	.56	.081	28	33	.42	233	.10	2	1.95	.02	.21	1	1
86+00N 94+75E	1	24	15	71	.1	71	11	801	2.39	2	5	ND	4	71	.2	2	2	36	.53	.088	34	39	.48	197	.10	2	1.91	.02	.20	1	3
86+00N 95+25E	1	19	12	73	.1	51	8	554	1.67	10	5	ND	1	95	.2	2	2	25	.69	.081	23	25	.36	234	.08	4	1.89	.03	.14	1	1
86+00N 95+50E	1	15	9	56	.1	53	8	594	1.70	5	5	ND	2	83	.2	2	2	26	.72	.081	19	23	.33	260	.08	2	1.93	.03	.15	1	2
86+00N 95+75E	1	21	10	72	.1	41	7	586	1.57	7	5	ND	1	88	.2	2	2	24	.69	.074	19	19	.29	246	.08	2	1.76	.03	.14	1	1
86+00N 96+25E	1	19	17	55	.1	276	17	553	1.89	2	5	ND	2	82	.3	2	3	24	.57	.089	17	67	1.00	151	.07	5	1.24	.02	.16	1	4
86+00N 96+50E	1	19	14	63	.1	459	31	781	2.56	18	5	ND	1	71	.2	4	2	23	.53	.108	12	125	1.12	162	.07	4	1.21	.02	.14	1	2
85+75N 93+25E	1	21	13	64	.1	64	9	600	1.89	12	5	ND	2	96	.2	2	2	29	.71	.093	29	33	.45	198	.08	3	1.63	.03	.17	2	4
85+75N 93+50E	1	17	14	68	.1	59	9	617	1.90	9	5	ND	1	102	.2	2	3	30	.71	.086	26	32	.43	214	.09	2	1.86	.03	.13	2	1
85+75N 93+75E	1	25	12	68	.1	54	9	624	1.78	6	5	ND	1	142	.2	2	3	28	.73	.087	28	29	.43	227	.08	2	1.62	.03	.19	1	1
85+75N 94+25E	1	25	14	71	.3	63	10	744	1.93	11	5	ND	2	116	.2	2	2	30	.71	.099	30	31	.43	214	.08	10	1.51	.02	.18	1	4
85+75N 94+50E	1	25	12	76	.1	52	10	815	2.13	7	5	ND	2	68	.2	2	3	31	.55	.080	26	29	.36	228	.09	10	1.93	.02	.18	1	3
85+75N 94+75E	1	30	15	78	.2	42	10	953	2.20	5	5	ND	3	71	.2	2	2	33	.60	.090	28	27	.35	263	.11	8	2.21	.03	.17	1	6
85+75N 95+25E	1	38	8	59	.2	19	8	971	1.58	6	5	ND	1	48	.2	2	2	26	.76	.094	12	12	.21	458	.06	2	1.54	.03	.11	1	1
85+75N 95+50E	1	20	17	72	.2	33	7	798	1.80	10	5	ND	1	55	.2	2	2	27	.41	.082	19	21	.29	215	.09	2	1.96	.02	.14	1	1
85+75N 95+75E	1	23	13	69	.2	51	10	862	2.24	2	5	ND	3	55	.2	2	2	32	.51	.068	26	30	.37	248	.11	2	2.38	.03	.15	1	2
85+75N 96+25E	1	25	16	83	.1	126	14	1107	2.12	14	5	ND	2	82	.2	2	2	28	.58	.088	24	34	.44	289	.09	14	1.74	.03	.18	1	1
STANDARD C/AU-S	18	58	37	132	7.4	71	31	1029	3.93	38	24	7	38	53	19.3	15	22	57	.51	.087	38	58	.91	181	.09	33	1.93	.05	.13	11	49

COMP: MINNOVA INC.
PROJ: 661 RAINBOW TAM
ATTN: I.PIRIE/L.LEE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-0676-SJ1
DATE: 90/06/15
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	K PPM	MN PPM	MO PPM	NA PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
87+00E 88+50N	.5	1	17	830	475	1	250	36	43	1	34	22	5
88+00E 89+00N	.5	2	13	660	455	1	230	33	56	1	78	15	5
88+00E 97+25N	.4	1	22	1870	594	1	240	6	36	1	59	6	10
89+00E 97+75N	.5	1	15	1850	362	1	210	3	27	1	54	6	5
90+00E 94+00N	.5	1	16	1090	455	1	230	9	22	1	45	9	5
91+00E 85+50N	.6	1	20	1450	476	1	220	17	17	1	37	12	10
91+00E 90+75N	.5	1	15	1640	390	1	180	7	23	1	53	11	5
95+00E 90+75N	.7	1	14	1740	434	1	230	9	24	1	41	13	5
98+00E 87+25N	.9	1	18	1120	532	1	240	26	25	1	43	20	5
98+25E 83+00N	.9	1	19	1820	639	1	190	33	22	1	47	20	5

Duplicate samples