

860765
TWIN

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE 253-3158

DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.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.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NR AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80MESH AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 11 1986 DATE REPORT MAILED: *Nov 14/86* ASSAYER: *D. J. Jepsen* DEAN TOYE. CERTIFIED B.C. ASSAYER.

C.E.C. ENGINEERING PROJECT-TWIN F86-14 FILE# 86-3645 PAGE 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
52+00E 0+00S	1	165	68	163	.8	85	22	1886	3.04	13	5	ND	1	67	1	2	2	40	1.98	.117	11	97	.94	229	.04	6	2.05	.03	.02	1	3
52+00E 0+25S	1	64	94	148	.6	138	30	1869	6.97	32	5	ND	1	18	1	2	2	43	.54	.063	11	72	.55	326	.05	2	1.81	.01	.04	1	25
52+00E 0+50S	1	75	87	235	.3	130	29	1029	5.30	30	5	ND	2	12	1	2	2	71	.16	.057	14	151	1.60	255	.11	4	2.84	.01	.05	1	9
52+00E 0+75S	1	21	39	118	.4	104	22	343	4.11	13	5	ND	2	8	1	2	2	66	.12	.039	7	175	1.36	117	.10	2	2.48	.02	.03	1	3
52+00E 1+00S	1	12	56	81	.5	51	11	181	2.37	5	5	ND	1	9	1	2	2	35	.16	.037	8	46	.30	119	.08	2	2.09	.02	.02	1	1
52+50E 0+00S	1	32	75	199	.4	49	17	324	3.19	15	5	ND	1	41	1	2	2	39	.80	.030	9	63	.63	99	.10	2	2.65	.04	.02	1	1
53+00E 0+00S	1	59	74	245	.2	103	24	295	5.85	30	5	ND	2	30	1	2	2	79	.71	.031	13	147	1.59	127	.13	3	3.54	.01	.03	1	3
53+00E 0+25S	1	11	19	109	.3	24	10	219	2.34	7	5	ND	1	7	1	2	3	36	.10	.050	6	33	.28	91	.10	2	2.75	.02	.01	1	40
53+00E 0+50S	1	67	101	190	.8	104	25	1119	4.85	25	5	ND	2	20	1	2	2	55	.54	.085	8	111	1.11	223	.09	2	2.56	.01	.04	1	10
53+00E 0+75S	1	38	22	180	.3	160	34	360	5.67	13	5	ND	2	17	1	2	2	44	.27	.037	9	99	.47	500	.03	2	2.95	.01	.04	1	38
53+00E 1+00S	1	13	25	88	.3	13	8	184	2.33	8	5	ND	2	12	1	2	2	32	.15	.079	2	17	.12	77	.13	2	3.32	.03	.01	1	1
53+00E 1+25S	1	38	34	105	.4	69	13	1012	3.10	8	5	ND	3	32	1	2	2	43	.75	.081	22	71	.50	254	.17	2	3.84	.02	.04	1	1
53+00E 1+50S	1	6	11	22	.4	3	3	52	1.04	2	5	ND	1	9	1	2	2	19	.14	.022	6	8	.05	56	.07	2	1.56	.03	.02	1	1
53+00E 1+75S	1	12	15	80	.1	23	8	355	2.22	5	5	ND	1	7	1	2	2	34	.08	.131	5	29	.18	88	.14	3	3.08	.03	.02	1	5
53+00E 2+00S	1	6	15	46	.3	10	7	110	2.09	6	5	ND	1	7	1	2	2	35	.07	.056	5	17	.11	48	.10	2	2.34	.02	.02	1	1
53+50E 0+00S	2	53	102	202	.4	64	24	199	5.14	26	5	ND	3	12	1	2	2	42	.16	.049	10	60	.47	111	.15	4	3.68	.02	.02	1	3
54+00E 0+25S	2	91	59	147	1.0	66	15	2417	2.41	15	5	ND	1	93	2	2	2	35	2.54	.124	7	81	.83	190	.03	5	1.89	.03	.02	1	1
54+00E 0+50S	1	66	108	232	.7	99	27	641	4.99	35	5	ND	3	12	1	3	2	64	.21	.071	9	131	1.35	172	.12	2	2.64	.01	.05	1	50
54+00E 0+75S	1	35	39	141	2.6	35	9	337	2.42	14	5	ND	3	33	1	2	2	33	.67	.066	12	35	.37	164	.13	2	3.36	.05	.03	1	1
54+00E 1+00S	1	8	32	186	.6	25	13	409	3.80	15	5	ND	2	8	1	2	3	51	.10	.138	7	44	.29	108	.14	3	4.40	.02	.03	1	1
54+00E 1+25S	1	69	52	131	.8	99	18	1254	3.96	11	9	ND	1	35	1	2	2	36	.94	.050	6	42	.29	192	.07	2	2.01	.03	.03	1	19
54+00E 1+50S	2	145	29	158	.8	189	35	5349	4.78	24	5	ND	1	53	2	2	2	22	1.25	.068	12	27	.17	413	.06	2	2.13	.03	.04	1	21
54+00E 1+75S	1	36	34	153	.1	68	23	340	5.89	31	5	ND	2	8	1	2	2	54	.09	.069	9	62	.54	121	.09	2	2.38	.01	.04	1	4
54+00E 2+00S	1	49	33	112	.2	63	19	560	5.25	24	5	ND	4	11	1	2	3	55	.17	.076	13	57	.79	156	.08	5	2.65	.01	.06	1	1
54+00E 2+25S	1	23	19	91	.2	31	12	365	3.04	6	5	ND	2	9	1	2	2	44	.12	.101	7	46	.39	90	.12	2	2.93	.02	.03	1	4
54+00E 2+50S	1	16	45	90	.1	47	14	485	3.53	22	5	ND	1	11	1	2	3	56	.18	.041	7	68	.57	103	.11	2	2.45	.02	.03	1	1
54+00E 2+75S	1	62	75	150	.1	78	23	410	5.32	57	5	ND	6	13	1	2	2	64	.18	.043	16	96	1.17	155	.10	2	2.80	.01	.05	1	15
54+00E 3+00S	1	62	11	60	.2	18	7	367	1.64	5	5	ND	1	28	1	2	2	29	.74	.065	10	17	.18	137	.09	2	2.43	.06	.02	1	1
54+50E 0+00S	5	173	45	252	1.7	78	16	9641	1.79	12	5	ND	2	141	5	2	2	27	3.59	.157	11	71	.54	404	.03	7	2.03	.03	.03	1	4
55+00E 0+00S	1	17	57	187	.5	42	14	237	3.33	22	5	ND	2	17	1	2	2	45	.29	.034	6	61	.58	103	.14	2	3.13	.03	.02	1	1
55+00E 0+25S	1	80	76	284	.5	90	27	987	4.33	25	5	ND	3	45	1	2	4	54	.83	.043	10	127	1.36	339	.13	2	2.44	.03	.03	1	3
55+00E 0+50S	1	16	100	267	.9	50	17	250	3.86	18	5	ND	3	14	1	2	2	54	.19	.023	7	81	.77	68	.13	2	2.76	.03	.03	1	4
55+00E 0+75S	1	80	130	272	.3	130	30	429	5.63	27	5	ND	5	15	1	2	2	76	.24	.075	11	175	1.80	148	.18	2	3.24	.01	.05	1	1
55+00E 1+00S	2	38	62	167	.3	57	18	504	3.71	17	5	ND	5	9	1	2	4	53	.12	.086	10	76	.81	144	.11	2	2.85	.02	.04	1	3
55+00E 1+25S	1	125	51	146	.2	154	37	993	7.59	26	5	ND	3	7	1	2	5	63	.08	.043	17	137	.66	358	.02	2	3.50	.01	.06	1	1
55+00E 1+50S	2	98	71	176	.3	89	25	451	5.07	21	5	ND	8	10	1	2	3	63	.14	.068	14	116	1.50	200	.08	2	3.46	.01	.08	1	5
STD C/AU-S	21	58	39	134	7.0	69	30	1043	3.96	41	18	7	34	50	18	15	21	64	.48	.102	37	59	.88	184	.08	38	1.71	.07	.13	13	49

36

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mo	Ba	Ti	B	Al	Na	K	W	Au†
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
55+00E 1+75S	1	41	11	64	1.7	15	4	684	1.09	2	5	ND	1	61	1	2	3	18	2.27	.102	6	15	.23	207	.06	10	1.88	.03	.02	1	1
55+00E 2+00S	1	12	17	56	.7	22	6	97	2.51	14	5	ND	1	23	1	2	2	37	.55	.049	4	27	.20	63	.09	3	2.95	.04	.02	1	1
55+00E 2+25S	2	30	28	77	.1	34	12	193	4.22	19	5	ND	2	12	1	2	2	54	.18	.045	7	40	.32	96	.12	8	3.54	.02	.01	1	5
55+00E 2+50S	1	10	11	91	.1	37	10	180	3.24	3	5	ND	1	6	1	2	2	52	.08	.038	2	51	.29	80	.09	5	1.83	.02	.02	1	1
55+00E 2+75S	1	28	17	70	.2	21	7	204	2.42	19	5	ND	1	9	1	2	2	38	.11	.060	4	30	.20	61	.10	4	2.36	.03	.02	1	9
55+00E 3+00S	2	54	18	107	.1	62	26	1199	4.84	13	5	ND	1	11	1	2	2	52	.17	.107	4	76	.50	162	.09	5	3.01	.03	.03	1	1
55+00E 3+25S	1	13	9	50	.1	15	5	449	2.11	6	5	ND	1	8	1	2	2	36	.10	.063	3	28	.19	78	.11	2	1.38	.03	.02	1	1
55+00E 3+50S	3	90	28	108	.3	49	15	1462	3.34	19	5	ND	4	19	1	2	2	39	.27	.140	21	44	.45	237	.14	7	3.76	.03	.05	1	1
55+00E 3+75S	2	72	37	120	.1	88	21	354	5.03	29	5	ND	6	17	1	2	2	60	.26	.061	15	93	1.23	192	.12	5	2.94	.02	.06	1	6
55+00E 4+00S	2	22	22	99	.3	51	12	565	3.31	19	6	ND	3	10	1	2	2	41	.13	.187	4	47	.45	128	.13	2	3.89	.02	.04	1	1
55+50E 0+00S	1	111	23	95	.6	33	10	538	2.05	8	5	ND	1	27	1	2	3	27	.62	.040	8	28	.25	120	.10	3	2.56	.05	.03	1	1
56+00E 0+00S	2	47	94	210	.9	56	17	415	3.14	23	5	ND	2	21	1	2	2	38	.50	.055	11	58	.53	149	.12	5	3.23	.03	.02	1	13
56+00E 0+25S	2	53	43	307	.3	71	16	2607	3.32	14	5	ND	1	27	2	2	2	43	.57	.051	6	75	.82	205	.13	2	2.98	.04	.03	1	12
56+00E 0+50S	1	134	39	264	1.8	53	12	724	2.84	14	5	ND	1	60	1	2	2	38	1.58	.105	16	50	.51	126	.08	4	3.00	.05	.03	1	2
56+00E 0+75S	2	64	94	240	.8	78	21	822	4.09	23	5	ND	3	14	1	2	2	55	.25	.082	9	91	1.08	170	.11	4	2.93	.01	.25	1	3
56+00E 1+00S	2	25	39	148	.4	56	14	427	3.34	14	5	ND	1	13	1	2	3	50	.21	.056	7	71	.65	125	.14	2	2.70	.03	.02	1	5
56+00E 1+25S	1	119	144	293	1.6	134	31	1204	5.69	45	5	ND	4	40	1	7	2	73	2.19	.069	9	163	2.18	232	.12	2	2.62	.02	.08	1	8
56+00E 1+50S	1	36	29	133	1.5	46	11	457	2.83	13	5	ND	2	27	1	2	2	41	.74	.049	10	59	.64	212	.09	4	2.70	.03	.04	1	1
56+00E 1+75S	2	24	26	130	2.0	42	11	192	3.81	13	5	ND	3	17	1	2	2	54	.27	.055	8	55	.58	195	.12	5	3.59	.02	.05	1	1
56+00E 2+00S	1	49	52	152	.2	122	26	338	5.29	28	5	ND	3	14	1	2	2	80	.30	.023	9	182	2.04	132	.12	2	2.78	.01	.05	1	2
56+00E 2+25S	1	9	12	48	.3	24	6	165	1.89	6	5	ND	2	9	1	2	2	39	.17	.027	9	39	.32	69	.05	4	.67	.01	.03	1	11
56+00E 2+50S	2	18	14	72	.2	26	10	513	2.92	9	5	ND	2	10	1	2	2	45	.13	.166	4	38	.32	75	.14	3	3.23	.02	.02	1	1
56+00E 2+75S	1	21	79	129	.1	28	10	1726	3.03	9	5	ND	1	10	1	2	2	51	.17	.117	4	42	.35	125	.11	5	2.05	.02	.03	1	1
56+00E 3+00S	1	4	13	36	.1	13	3	89	1.83	5	5	ND	1	5	1	2	2	40	.06	.019	2	20	.13	22	.11	3	.53	.02	.02	1	1
56+00E 3+25S	2	26	24	127	.4	79	9	2678	2.39	8	5	ND	1	30	1	2	2	30	.57	.088	7	22	.26	132	.11	4	2.55	.05	.03	1	3
56+00E 3+50S	1	1	13	44	.1	7	2	233	1.17	2	5	ND	1	5	1	2	3	31	.06	.023	3	13	.07	37	.08	5	.41	.02	.01	1	1
56+00E 3+75S	1	14	23	95	.2	32	15	1302	3.21	16	5	ND	1	12	1	2	3	48	.19	.118	3	43	.28	77	.09	3	1.78	.03	.03	1	4
56+00E 4+00S	1	3	7	32	.1	13	3	96	1.35	3	5	ND	1	5	1	2	2	32	.08	.015	3	17	.09	26	.07	3	.36	.02	.02	2	1
56+00E 4+25S	2	25	24	118	.1	80	18	523	4.49	17	5	ND	3	11	1	2	2	57	.16	.093	4	79	.77	136	.10	2	2.53	.02	.05	1	1
56+00E 4+50S	2	14	19	95	.1	81	17	620	3.21	9	5	ND	2	8	1	2	2	47	.11	.058	5	62	.32	84	.09	5	1.78	.02	.04	1	1
56+00E 4+75S	1	13	12	65	.3	31	12	768	2.82	7	8	ND	4	10	1	2	2	45	.18	.053	11	45	.57	113	.08	4	1.43	.01	.06	1	1
56+00E 5+00S	1	5	7	36	.1	11	4	121	1.81	5	5	ND	1	7	1	2	2	34	.07	.025	3	16	.13	58	.10	2	1.32	.03	.02	1	1
56+50E 0+00S	2	33	52	310	.8	67	16	770	3.44	24	5	ND	3	31	1	2	2	40	.70	.075	8	64	.75	160	.13	4	3.69	.03	.04	1	1
57+00E 0+00S	2	23	78	246	.4	47	18	286	4.00	35	5	ND	3	14	1	2	2	48	.26	.146	3	52	.55	75	.10	3	2.70	.02	.04	1	1
57+00E 0+25S	2	10	27	126	.9	33	9	196	2.57	13	5	ND	2	15	1	2	2	36	.23	.043	5	30	.30	92	.11	2	3.06	.03	.02	1	1
57+00E 0+50S	2	123	162	311	.6	155	38	1127	6.39	48	5	ND	5	30	1	2	2	74	.75	.061	12	174	2.35	457	.13	3	2.68	.02	.06	1	6
STD C/AU-S	21	58	39	130	7.0	69	28	1000	3.93	41	18	7	33	46	17	15	20	62	.48	.101	36	58	.88	175	.08	36	1.72	.06	.13	13	51

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SAMPLE#	Hg	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Aut
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
57+00E 0+75S	1	64	136	253	.7	81	19	590	4.16	27	5	ND	2	26	1	2	4	50	.52	.040	12	88	.94	192	.10	6	2.43	.02	.08	1	2
57+00E 1+00S	1	41	55	137	.4	71	18	338	3.81	17	5	ND	4	11	1	2	2	59	.18	.041	9	96	1.09	113	.11	6	2.50	.02	.04	1	1
57+00E 1+25S	1	51	53	184	.2	59	20	384	4.16	35	5	ND	4	8	1	4	2	53	.14	.054	7	80	.92	83	.10	2	1.83	.01	.03	1	1
57+00E 1+50S	1	33	35	183	.4	59	18	360	3.88	31	5	ND	3	13	1	2	2	53	.20	.025	8	73	.87	160	.10	3	2.01	.02	.03	1	1
57+00E 1+75S	1	19	41	143	.7	41	11	350	3.19	20	5	ND	3	20	1	2	2	41	.41	.057	8	51	.51	144	.14	3	3.43	.03	.04	1	1
57+00E 2+00S	1	88	68	180	1.5	104	25	1060	4.84	29	6	ND	4	31	1	3	2	64	.78	.064	16	134	1.72	240	.11	9	2.80	.02	.08	1	11
57+00E 2+25S	1	68	90	164	.8	82	21	874	4.69	23	5	ND	4	28	1	2	2	70	.60	.052	16	119	1.76	222	.12	4	2.69	.02	.09	1	4
57+00E 2+50S	1	3	8	25	.2	7	3	68	.91	2	5	ND	2	4	1	2	4	20	.04	.023	5	10	.11	23	.05	4	.38	.02	.02	1	1
57+00E 2+75S	1	14	34	77	.1	40	10	185	3.68	25	5	ND	2	9	1	2	2	60	.17	.042	7	62	.63	69	.11	6	1.36	.02	.02	1	1
57+00E 3+00S	1	24	14	82	.2	31	11	952	2.62	6	5	ND	3	9	1	2	2	36	.14	.079	7	27	.21	89	.10	2	2.31	.03	.03	1	10
57+00E 3+25S	1	56	9	95	.3	240	38	824	5.09	15	6	ND	3	17	1	2	2	28	.33	.054	9	29	.32	109	.04	7	1.50	.02	.05	1	320
57+00E 3+50S	1	26	32	93	.1	74	17	354	4.13	26	5	ND	3	8	1	2	2	55	.13	.045	10	79	.98	83	.10	8	1.92	.01	.03	1	7
57+00E 3+75S	1	15	12	68	.2	26	9	565	2.40	6	5	ND	2	11	1	2	2	37	.17	.075	9	25	.27	72	.08	3	2.23	.03	.04	1	1
57+00E 4+00S	1	15	19	85	.1	36	11	204	3.12	10	5	ND	3	9	1	2	2	47	.12	.054	8	46	.58	77	.12	6	2.14	.02	.04	1	1
57+00E 4+25S	1	13	15	88	.2	14	8	360	2.73	14	5	ND	2	7	1	2	2	36	.08	.170	4	25	.17	78	.16	5	3.88	.02	.02	1	1
57+00E 4+50S	1	77	83	234	.3	95	28	369	5.77	79	5	ND	5	12	1	2	2	49	.17	.060	10	80	.84	124	.11	2	2.60	.01	.04	1	15
57+00E 4+75S	1	51	25	85	.1	102	25	865	4.93	24	5	ND	2	20	1	2	2	62	.33	.041	11	105	.86	165	.08	6	2.23	.02	.06	1	1
57+00E 5+00S	1	44	14	96	.3	36	10	2513	2.37	6	5	ND	2	26	1	2	2	33	.50	.028	13	34	.51	309	.10	5	2.21	.04	.05	1	2
57+00E 5+25S	1	25	13	79	.1	36	12	447	3.00	8	5	ND	5	12	1	2	2	42	.20	.057	12	46	.67	157	.11	5	2.54	.02	.05	1	1
57+00E 5+50S	1	43	24	96	.1	70	21	653	4.26	19	5	ND	3	12	1	2	2	54	.18	.053	7	85	.79	144	.12	5	2.24	.02	.04	1	8
57+00E 5+75S	1	33	32	120	.1	99	24	603	4.91	27	5	ND	3	17	1	2	2	65	.26	.042	10	127	1.35	150	.12	4	2.04	.01	.06	1	2
57+00E 6+00S	1	19	35	123	.1	44	16	368	3.55	26	5	ND	2	7	1	2	2	44	.09	.066	5	47	.45	83	.10	5	1.87	.02	.03	1	7
57+50E 0+00S	1	16	41	184	.6	20	7	1197	2.09	8	5	ND	1	18	1	2	2	33	.32	.064	6	20	.18	84	.10	2	1.99	.04	.02	1	2
58+00E 0+00S	1	57	71	203	.3	55	17	501	3.50	23	5	ND	4	14	1	2	2	48	.26	.034	10	66	.77	164	.10	5	1.94	.03	.05	1	1
58+00E 0+25S	1	96	110	277	1.0	83	23	1013	4.64	39	5	ND	3	25	1	2	2	52	.62	.047	13	95	1.11	191	.10	4	2.68	.02	.05	1	7
58+00E 0+50S	1	63	6	140	1.0	20	4	1607	.36	2	5	ND	2	174	3	2	3	5	6.19	.106	2	9	.20	185	.01	8	.38	.01	.02	1	1
58+00E 0+75S	1	58	5	49	.6	15	3	777	.38	2	5	ND	2	183	1	2	2	6	6.72	.109	3	4	.17	193	.01	7	.45	.01	.02	1	1
58+00E 1+00S	1	14	44	146	.6	42	15	362	3.56	15	5	ND	1	7	1	2	2	56	.11	.033	6	74	.75	74	.10	6	2.33	.01	.02	1	9
58+00E 1+25S	1	38	58	251	.6	65	21	664	4.44	42	5	ND	5	14	1	2	2	55	.20	.032	8	73	.91	174	.10	5	2.62	.02	.05	1	2
58+00E 1+50S	1	15	21	64	.6	18	11	314	2.35	10	5	ND	3	14	1	2	3	35	.18	.051	4	24	.24	53	.08	2	2.55	.04	.02	1	1
58+00E 1+75S	1	41	66	211	.8	69	21	524	5.16	55	5	ND	3	17	1	2	2	52	.28	.082	6	66	.68	175	.12	6	3.55	.02	.04	1	1
58+00E 2+00S	1	123	160	241	.8	99	40	1149	7.61	129	5	ND	5	14	1	4	2	54	.35	.076	14	87	1.00	157	.11	7	2.48	.01	.05	1	31
58+00E 2+25S	1	28	48	201	.3	45	20	381	5.67	44	5	ND	5	11	1	2	2	69	.12	.079	10	66	.74	161	.12	5	3.11	.02	.05	1	1
58+00E 2+50S	1	47	29	107	.5	62	18	814	3.56	15	5	ND	3	23	1	2	3	45	.53	.057	13	86	1.09	121	.11	3	2.41	.02	.04	1	1
58+00E 2+75S	1	45	59	132	.6	71	26	460	5.36	53	5	ND	3	13	1	2	3	55	.17	.054	9	99	.99	106	.13	4	2.28	.01	.03	1	1
58+00E 3+00S	1	21	47	126	.2	60	19	462	4.03	34	5	ND	2	9	1	2	4	38	.12	.069	6	47	.48	96	.10	4	2.69	.02	.03	1	1
STD C/AU-S	20	57	39	129	7.0	65	29	997	3.95	40	19	8	34	49	17	15	20	62	.48	.098	37	55	.88	184	.08	37	1.72	.07	.14	13	48

36

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	W	Au1
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
58+00E 3+25S	1	43	65	138	.3	58	18	314	4.21	31	5	ND	5	12	1	2	2	48	.17	.069	10	70	.87	106	.08	2	2.62	.01	.04	2	2
58+00E 3+50S	1	21	16	101	.2	32	12	740	3.16	10	5	ND	3	14	1	2	2	42	.17	.120	10	41	.62	122	.07	6	2.34	.02	.04	2	1
58+00E 3+75S	1	10	9	68	.5	16	9	514	2.49	9	5	ND	3	10	1	2	2	35	.12	.128	7	24	.27	83	.10	2	2.43	.02	.03	1	1
58+00E 4+00S	1	12	22	92	.1	49	11	274	2.86	16	5	ND	3	11	1	2	2	38	.22	.052	6	33	.39	74	.10	2	2.71	.02	.03	2	1
58+00E 4+25S	1	24	23	106	.1	40	13	328	3.24	13	5	ND	6	13	1	2	2	38	.18	.080	10	41	.59	137	.12	6	3.68	.02	.05	2	1
58+00E 4+50S	1	17	13	77	.4	36	10	319	3.05	12	5	ND	3	12	1	2	2	44	.19	.046	7	41	.45	96	.10	2	2.10	.02	.04	2	1
58+00E 4+75S	1	17	15	74	.1	42	13	606	3.06	10	5	ND	2	9	1	2	2	43	.10	.037	7	50	.41	102	.08	4	1.27	.02	.03	2	2
58+00E 5+00S	1	39	29	101	.1	53	16	349	3.79	18	5	ND	4	13	1	2	2	49	.20	.078	10	65	.65	150	.10	6	2.86	.02	.04	2	1
58+00E 5+25S	1	27	27	113	.1	64	17	546	4.22	17	5	ND	4	10	1	2	2	55	.15	.089	7	85	.68	128	.15	2	2.25	.03	.04	2	1
58+00E 5+50S	1	42	45	149	.1	127	26	732	5.13	15	5	ND	2	16	1	2	2	70	.31	.041	7	157	1.41	186	.13	6	2.51	.02	.04	2	2
58+00E 5+75S	1	34	58	173	.2	112	25	565	4.86	31	5	ND	4	11	1	2	2	65	.15	.057	9	138	1.25	175	.12	2	2.98	.02	.05	2	51
58+00E 6+00S	1	13	22	98	.3	33	11	437	3.10	19	5	ND	4	16	1	2	2	36	.29	.040	9	42	.38	142	.13	2	3.11	.02	.03	2	1
58+00E 6+25S	1	43	6	56	.6	10	1	91	.28	2	5	ND	1	123	1	4	2	8	6.13	.122	2	12	.42	202	.01	13	.31	.01	.02	1	1
58+00E 6+50S	1	24	21	120	.3	43	13	233	3.46	12	5	ND	7	11	1	2	2	45	.14	.031	15	51	.72	133	.07	2	1.82	.01	.05	2	1
58+00E 6+75S	1	13	7	37	.1	26	7	312	2.19	2	5	ND	2	9	1	2	2	35	.15	.085	4	35	.15	47	.10	5	2.16	.03	.02	1	1
58+00E 7+00S	1	15	14	60	.1	47	13	887	6.36	2	5	ND	4	7	1	2	2	55	.07	.115	5	83	.35	76	.14	5	4.40	.01	.03	1	1
58+00E 7+25S	1	30	28	105	.2	59	16	327	3.76	29	5	ND	4	11	1	2	2	45	.13	.087	8	68	.80	158	.09	2	2.58	.02	.04	2	138
58+00E 7+50S	1	16	22	88	.3	34	11	231	3.17	14	7	ND	5	12	1	2	2	44	.17	.047	13	41	.66	146	.09	2	2.16	.02	.05	2	1
58+00E 7+75S	1	11	27	77	.3	33	11	340	2.84	22	5	ND	3	8	1	2	2	37	.10	.078	5	33	.34	87	.11	2	2.44	.02	.04	2	2
58+00E 8+00S	1	9	17	73	.4	14	5	87	2.58	10	5	ND	3	9	1	2	2	38	.11	.053	5	19	.16	92	.10	2	3.05	.02	.03	2	2
58+00E 8+25S	1	66	2	56	1.2	19	7	1762	1.22	6	5	ND	1	89	1	3	2	18	4.29	.148	14	22	.54	365	.02	6	1.17	.02	.04	1	8
58+00E 8+50S	1	39	11	75	.5	28	11	825	2.93	8	5	ND	3	35	1	2	2	40	.88	.040	15	38	.77	180	.07	2	2.30	.03	.06	2	1
58+00E 8+75S	1	31	20	101	.1	38	18	219	3.25	22	5	ND	9	9	1	2	5	41	.13	.047	15	47	.67	122	.11	2	2.88	.02	.05	2	1
58+00E 9+00S	1	87	53	127	.3	112	31	812	5.53	48	5	ND	3	27	1	2	2	55	.82	.101	12	122	1.53	103	.07	2	1.71	.02	.05	2	16
58+00E 9+25S	1	34	24	79	.5	32	11	307	3.16	18	5	ND	6	23	1	2	2	30	.45	.074	17	34	.29	140	.15	2	4.43	.02	.04	2	1
58+00E 9+50S	1	21	21	140	.4	38	13	230	3.80	15	5	ND	5	17	1	2	2	47	.27	.060	11	54	.65	156	.10	5	4.12	.02	.05	2	1
58+00E 9+75S	1	31	21	103	.4	45	15	216	3.48	19	5	ND	4	12	1	3	2	44	.16	.052	11	55	.66	89	.07	2	1.70	.02	.03	2	1
58+00E 10+00S	1	22	18	93	.3	32	10	163	3.39	18	5	ND	4	10	1	2	2	48	.14	.044	9	45	.47	94	.08	3	1.41	.02	.04	2	1
58+00E 10+25S	1	7	15	75	.3	15	7	348	2.25	5	5	ND	3	10	1	2	2	36	.13	.072	7	23	.25	95	.08	3	1.46	.02	.05	2	1
58+00E 10+50S	1	12	16	106	.4	21	9	313	2.67	13	5	ND	3	11	1	2	2	38	.17	.091	8	29	.26	76	.08	2	1.95	.02	.04	2	2
58+50E 0+00S	1	167	205	375	.8	140	44	1257	8.00	85	5	ND	5	16	1	2	2	64	.31	.057	11	130	1.62	209	.10	5	2.15	.01	.05	4	23
59+00E 0+00S	1	55	97	244	.7	81	20	946	3.93	26	5	ND	4	29	1	2	3	44	.87	.041	12	87	.94	125	.08	2	2.23	.02	.05	3	3
59+00E 0+25S	1	24	54	195	.9	40	13	733	2.93	14	7	ND	3	17	1	2	2	37	.39	.039	6	56	.52	85	.11	5	2.58	.02	.03	2	1
59+00E 0+50S	1	65	70	165	.3	100	20	399	4.49	27	5	ND	6	11	1	2	2	60	.23	.020	14	137	1.80	76	.09	2	2.02	.01	.04	2	2
59+00E 0+75S	1	77	13	86	.6	27	8	501	1.76	5	5	ND	1	78	1	2	3	19	3.26	.090	7	40	.34	95	.03	2	1.54	.03	.03	2	1
59+00E 1+00S	1	22	15	159	.7	26	9	1188	2.21	6	5	ND	1	38	1	2	2	27	1.01	.045	7	30	.41	91	.09	3	2.34	.04	.04	2	1
STD C/AU-S	20	55	36	129	6.9	66	28	994	3.96	37	17	7	34	48	17	16	17	62	.48	.097	36	58	.88	177	.08	35	1.71	.06	.13	13	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	Mo %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au1 PPB
59+00E 1+25S	1	90	55	201	.6	131	32	533	6.26	21	5	ND	6	33	1	2	2	58	.72	.038	10	109	1.34	211	.14	6	3.89	.03	.06	1	6
59+00E 1+50S	1	140	83	201	.6	109	36	1415	5.96	35	5	ND	4	36	1	2	2	60	.95	.039	18	114	1.61	195	.11	2	2.47	.02	.07	1	1
59+00E 1+75S	1	77	72	184	1.7	60	15	1381	2.82	14	5	ND	1	120	2	2	2	34	2.47	.081	7	61	.84	111	.04	2	1.77	.02	.03	1	1
59+00E 2+00S	1	86	114	287	.6	94	27	776	5.44	57	5	ND	3	21	1	2	2	58	.47	.055	11	103	1.22	157	.11	2	2.91	.02	.05	1	3
59+00E 2+25S	1	20	35	242	.2	63	19	253	4.51	29	5	ND	3	15	1	2	2	59	.26	.088	8	86	1.01	148	.14	5	3.49	.02	.03	1	1
59+00E 2+50S	1	19	35	104	.1	49	15	296	4.09	19	5	ND	1	16	1	2	2	56	.24	.032	10	73	.86	130	.15	2	2.85	.02	.02	1	1
59+00E 2+75S	1	25	35	164	.2	68	21	449	4.29	26	5	ND	3	11	1	2	2	56	.20	.050	9	91	.94	121	.14	2	2.69	.01	.03	1	1
59+00E 3+00S	1	73	121	229	.6	102	26	1207	5.26	49	5	ND	2	17	1	2	2	66	.26	.072	12	120	1.40	156	.11	2	2.43	.02	.04	1	8
59+00E 3+25S	1	47	141	186	.2	71	25	1411	5.06	69	5	ND	1	14	1	2	2	51	.21	.076	10	69	.70	123	.10	2	2.57	.02	.03	1	16
59+00E 3+50S	3	89	242	354	.1	107	43	658	8.61	169	5	ND	6	17	1	2	2	67	.26	.092	13	93	1.15	237	.11	4	3.76	.02	.06	1	17
59+00E 3+75S	1	41	52	182	.1	49	16	498	3.98	45	5	ND	3	11	1	2	2	50	.17	.050	12	51	.67	138	.10	2	2.27	.02	.04	1	4
59+00E 4+00S	1	9	22	119	.1	23	9	178	3.40	20	5	ND	2	12	1	2	2	41	.19	.064	6	27	.25	98	.15	3	4.29	.02	.02	1	1
59+00E 4+25S	1	48	47	142	.1	88	22	574	4.58	31	5	ND	4	17	1	2	2	50	.25	.088	8	81	.96	129	.12	3	3.22	.02	.05	1	1
59+00E 4+50S	1	43	14	203	.1	112	28	304	4.78	34	5	ND	2	14	1	2	2	38	.20	.043	8	56	.28	118	.06	2	2.11	.02	.04	1	1
59+00E 4+75S	1	44	27	103	.1	68	12	951	3.11	14	5	ND	4	23	1	2	3	35	.44	.044	15	37	.55	119	.14	2	3.55	.04	.05	1	5
59+00E 5+00S	1	24	25	126	.1	39	12	600	3.09	15	5	ND	2	10	1	2	2	37	.13	.084	6	33	.39	105	.13	2	3.38	.03	.04	1	1
59+00E 5+25S	1	7	19	66	.2	22	8	630	2.39	13	5	ND	1	10	1	2	2	41	.13	.036	3	27	.24	72	.10	2	1.24	.03	.02	1	3
59+00E 5+50S	1	23	23	106	.1	247	40	312	5.47	24	5	ND	1	10	1	2	2	53	.13	.042	9	219	.74	86	.10	5	2.34	.02	.04	1	1
59+00E 5+75S	1	17	22	150	.1	42	12	256	4.54	20	5	ND	4	12	1	2	3	68	.18	.043	14	58	.79	116	.12	3	2.42	.01	.04	1	1
59+00E 6+00S	1	21	41	112	.2	53	19	769	4.43	31	5	ND	2	12	1	2	2	47	.15	.109	7	51	.45	94	.13	3	3.36	.02	.03	1	2
59+00E 6+25S	1	24	20	72	.3	27	9	1146	2.65	18	5	ND	1	26	1	2	2	35	.72	.045	11	27	.31	130	.10	2	2.72	.05	.03	1	3
59+00E 6+50S	1	23	9	56	1.0	21	6	264	2.35	17	5	ND	1	26	1	2	2	26	.75	.034	13	22	.23	115	.12	5	3.71	.03	.02	1	1
59+00E 6+75S	1	27	30	188	.2	35	13	180	4.35	17	5	ND	5	26	1	2	2	53	.49	.030	15	40	.56	269	.07	2	2.73	.03	.05	1	7
59+00E 7+00S	1	13	22	77	.1	29	9	116	3.82	14	5	ND	2	12	1	2	2	48	.19	.038	7	39	.29	106	.11	3	2.15	.02	.04	1	1
59+00E 7+25S	1	17	28	107	.1	42	15	261	4.24	19	5	ND	2	13	1	2	2	58	.17	.068	8	57	.57	139	.14	2	3.61	.02	.03	1	3
59+00E 7+50S	1	70	13	55	1.3	22	7	1111	2.04	16	5	ND	1	38	1	2	2	27	1.11	.092	15	34	.34	198	.06	5	2.59	.05	.02	1	4
59+00E 7+75S	1	22	30	80	.1	34	10	145	3.69	26	5	ND	3	12	1	2	2	45	.18	.046	7	44	.49	111	.09	2	2.77	.02	.03	1	9
59+00E 8+00S	1	23	22	113	.1	44	12	206	4.00	21	5	ND	4	12	1	2	2	58	.14	.037	16	52	.75	181	.09	2	2.71	.02	.05	2	16
59+00E 8+25S	1	15	23	121	.3	43	13	460	3.54	16	5	ND	3	15	1	2	2	48	.22	.046	9	52	.54	156	.10	2	3.16	.02	.05	1	1
59+00E 8+50S	1	15	32	121	.6	15	7	167	2.47	33	5	ND	3	17	1	2	2	33	.25	.054	9	24	.23	101	.10	3	2.80	.04	.03	1	1
59+00E 8+75S	1	17	18	87	.1	23	9	249	2.36	11	5	ND	2	21	1	2	2	31	.39	.050	12	26	.35	109	.11	2	2.61	.04	.03	1	1
59+00E 9+00S	1	68	51	113	.1	81	27	1073	5.64	53	5	ND	4	30	1	2	2	53	.62	.072	19	85	1.10	192	.10	4	2.05	.03	.06	1	1
59+00E 9+25S	1	19	17	139	.1	40	14	316	4.03	15	5	ND	6	14	1	2	2	53	.20	.053	18	53	.93	215	.09	2	3.02	.02	.09	1	1
59+00E 9+50S	1	36	25	153	.9	51	16	397	3.86	17	7	ND	11	18	1	2	2	48	.34	.070	13	50	.73	267	.12	4	4.20	.02	.12	1	1
59+00E 9+75S	1	17	68	137	.5	34	15	467	3.35	23	5	ND	6	11	1	2	2	43	.16	.160	13	38	.57	125	.10	4	3.39	.02	.06	1	1
59+00E 10+00S	1	11	20	95	.3	27	8	167	3.11	18	5	ND	3	17	1	2	2	44	.27	.160	9	34	.39	97	.12	3	3.16	.02	.04	1	2
STD C/AU-S	20	58	42	127	7.0	67	29	968	3.94	41	19	7	33	46	16	15	20	60	.48	.094	34	54	.88	170	.08	36	1.71	.06	.13	13	47

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	W	Au
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
59+50E 0+00S	1	124	104	269	.5	112	29	1098	5.84	31	5	ND	4	24	1	2	2	56	.65	.054	13	110	1.37	204	.11	5	2.55	.02	.05	1	3
60+00E 2+25S	1	43	39	159	.3	69	20	694	3.81	32	5	ND	2	8	1	2	2	43	.17	.094	6	80	.91	85	.10	4	1.90	.01	.03	1	2
60+00E 2+50S	1	76	9	50	.6	29	8	1280	1.53	6	5	ND	1	104	1	2	2	26	4.06	.129	6	25	.31	351	.03	9	1.10	.02	.01	1	1
60+00E 2+75S	1	14	19	70	.6	23	8	129	3.31	14	5	ND	2	15	1	3	2	48	.29	.037	6	44	.30	138	.14	5	3.34	.02	.02	1	1
60+00E 3+00S	1	25	39	170	.4	44	18	515	3.70	27	5	ND	3	9	1	3	2	38	.10	.092	7	52	.49	126	.12	4	3.96	.02	.02	1	2
60+00E 3+25S	1	24	32	175	.3	54	20	649	4.23	29	5	ND	3	12	1	2	3	47	.18	.073	6	68	.65	99	.10	4	3.08	.01	.03	1	3
60+00E 3+50S	1	27	48	173	.6	53	17	303	4.26	52	5	ND	3	10	1	2	2	50	.14	.079	4	62	.61	84	.11	5	2.55	.02	.03	1	3
60+00E 3+75S	1	23	14	94	.9	36	9	836	2.75	16	5	ND	3	22	1	3	4	30	.57	.072	13	39	.41	169	.15	5	4.31	.03	.02	1	2
60+00E 4+00S	1	34	24	147	.3	49	15	984	3.67	20	5	ND	4	10	1	2	2	43	.12	.110	7	50	.58	137	.10	6	3.04	.02	.04	1	1
60+00E 4+25S	1	9	16	54	.3	11	5	401	2.13	13	5	ND	1	5	1	2	2	32	.06	.097	4	14	.14	47	.09	4	1.33	.02	.03	1	1
60+00E 4+50S	1	48	43	141	.1	49	20	889	4.37	46	5	ND	3	10	1	2	2	51	.14	.051	9	53	.57	132	.07	6	2.09	.01	.03	1	5
60+00E 4+75S	1	37	60	130	.2	56	18	572	4.30	44	5	ND	3	12	1	2	2	53	.22	.048	4	61	.59	95	.07	3	1.62	.02	.03	1	24
60+00E 5+00S	1	139	39	185	.1	202	52	253	7.73	99	5	ND	2	16	1	2	2	54	.10	.068	6	137	1.07	151	.03	5	2.70	.01	.03	1	13
60+00E 5+25S	1	18	23	72	.3	33	10	178	2.91	17	5	ND	2	11	1	2	2	39	.14	.065	4	33	.26	69	.10	5	2.14	.02	.02	1	260
60+00E 5+50S	1	54	31	103	.2	76	17	354	3.79	24	5	ND	3	24	1	2	2	39	.50	.047	12	71	.94	79	.11	7	2.17	.02	.03	1	1
60+00E 5+75S	1	54	45	102	.6	63	15	538	3.62	16	5	ND	3	31	1	2	2	38	.68	.041	16	53	.63	91	.10	7	2.66	.03	.03	1	6
60+00E 6+00S	1	16	19	112	.4	55	16	160	4.06	14	5	ND	2	16	1	2	2	49	.27	.039	6	60	.52	88	.09	5	2.42	.03	.02	1	1
60+00E 6+25S	1	23	17	90	.5	46	11	691	3.03	13	5	ND	2	22	1	2	2	41	.44	.037	8	50	.60	129	.10	2	2.51	.03	.03	1	1
60+00E 6+50S	1	37	28	100	.6	58	15	398	3.94	24	6	ND	5	19	1	2	2	42	.36	.068	13	59	.60	159	.15	6	4.31	.03	.04	1	1
60+00E 6+75S	1	29	18	91	1.4	35	9	453	2.78	19	5	ND	3	16	1	2	2	30	.26	.058	10	33	.28	134	.14	6	3.78	.04	.03	1	1
60+00E 7+00S	1	98	2091	422	2.2	85	21	994	4.64	143	5	ND	4	30	1	2	2	49	.70	.069	12	81	.95	250	.09	5	2.99	.02	.04	1	39
60+00E 7+25S	1	79	63	82	1.0	46	13	351	2.98	32	5	ND	1	33	1	2	2	36	.86	.048	10	48	.50	189	.08	6	2.55	.03	.02	1	5
60+00E 7+50S	1	65	11	59	.5	22	6	407	1.88	7	5	ND	1	26	1	2	2	35	.60	.054	12	16	.21	63	.08	5	1.88	.05	.02	1	2
60+00E 7+75S	1	21	18	130	.2	25	12	331	3.85	17	6	ND	6	13	1	3	2	47	.18	.096	10	38	.55	150	.10	3	3.33	.02	.05	1	1
60+00E 8+00S	1	10	21	74	.3	29	11	236	3.04	16	5	ND	2	14	1	2	2	42	.20	.085	4	46	.41	77	.08	2	2.55	.02	.03	1	1
60+00E 8+25S	1	32	38	91	.1	49	12	217	3.51	37	5	ND	5	10	1	2	2	46	.11	.091	11	61	.72	118	.11	4	3.17	.02	.03	1	3
60+00E 8+50S	1	31	12	84	.3	25	10	2713	2.49	9	5	ND	1	83	1	2	2	24	3.05	.145	9	31	.65	292	.03	7	1.45	.02	.04	1	1
60+00E 8+75S	1	34	37	130	.3	58	18	300	3.90	31	5	ND	5	19	1	2	2	44	.46	.069	11	61	.69	151	.11	6	3.47	.02	.04	1	2
60+00E 9+00S	1	24	32	170	.3	59	18	256	4.48	36	5	ND	3	18	1	3	2	49	.33	.081	9	73	.69	155	.11	4	3.31	.02	.04	1	3
61+00E 3+75S	1	18	13	141	.9	22	10	168	3.91	16	8	ND	3	14	1	2	2	48	.30	.183	9	36	.45	128	.11	4	4.13	.01	.04	1	2
61+00E 4+00S	1	44	60	148	.4	46	14	228	4.77	42	5	ND	4	7	1	2	2	52	.10	.046	8	61	.80	72	.07	2	1.85	.01	.03	1	8
61+00E 4+25S	1	16	24	80	.3	25	8	110	3.09	13	5	ND	2	23	1	2	2	35	.64	.027	9	30	.28	78	.09	5	3.42	.02	.02	1	1
61+00E 4+50S	1	51	24	265	.9	75	15	1042	3.25	20	8	ND	3	24	2	2	2	32	.63	.056	12	45	.50	66	.13	4	3.23	.02	.03	1	5
61+00E 4+75S	1	13	26	72	.1	33	14	337	3.07	22	5	ND	2	9	1	3	2	35	.11	.091	4	40	.21	65	.13	4	3.82	.02	.02	1	2
61+00E 5+00S	1	12	15	72	.2	19	8	255	3.60	16	5	ND	4	7	1	2	2	52	.08	.163	6	33	.36	74	.11	5	2.48	.02	.03	1	1
61+00E 5+25S	2	36	35	72	1.8	57	15	444	3.38	30	41	3	9	22	1	27	6	38	.48	.053	6	66	.71	107	.11	9	3.15	.03	.10	9	1
STD C/AU-S	20	57	38	130	6.9	70	28	1002	3.96	39	20	7	32	48	17	15	19	62	.48	.099	37	57	.88	178	.08	35	1.71	.07	.12	12	49

34

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au1
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
61+00E 5+50S	1	13	20	68	.1	22	9	155	3.25	10	5	ND	1	10	1	2	2	48	.13	.045	5	38	.31	76	.10	2	2.84	.02	.02	1	2
61+00E 5+75S	1	38	29	119	.2	44	13	452	3.44	12	5	ND	7	16	1	3	2	37	.22	.070	13	37	.40	164	.14	2	4.45	.02	.05	1	3
61+00E 6+00S	1	17	26	68	.1	31	11	145	3.39	13	5	ND	2	9	1	2	2	45	.11	.076	6	42	.41	61	.12	4	3.28	.03	.02	1	13
61+00E 6+25S	1	21	16	85	.5	29	9	917	2.58	14	5	ND	3	21	1	2	2	36	.35	.066	12	26	.39	125	.11	6	2.96	.04	.04	1	1
61+00E 6+50S	1	49	34	92	.4	53	14	312	3.51	18	5	ND	3	17	1	2	2	43	.28	.072	14	60	.59	111	.13	3	3.48	.03	.03	1	29
61+00E 6+75S	1	36	11	60	.9	15	5	286	1.88	7	5	ND	1	31	1	2	2	33	.69	.062	16	16	.26	91	.08	2	2.12	.05	.02	1	1
61+00E 7+00S	1	14	8	76	.2	7	4	189	1.57	7	5	ND	1	22	1	2	2	24	.43	.039	6	8	.14	80	.09	3	2.01	.05	.01	1	1
61+00E 7+25S	1	103	21	76	.9	38	9	953	2.11	15	5	ND	1	43	1	2	2	26	1.23	.083	13	28	.42	185	.05	4	2.21	.04	.03	1	17
61+00E 7+50S	1	15	37	108	.2	24	12	247	3.89	30	5	ND	1	11	1	3	2	35	.17	.076	6	31	.22	107	.12	2	3.62	.02	.01	1	2
61+00E 7+75S	1	41	76	134	.9	39	11	1543	2.96	33	5	ND	1	21	1	2	2	35	.47	.074	13	24	.35	127	.13	4	3.00	.04	.03	1	1
61+00E 8+00S	1	25	25	112	.6	31	11	320	3.42	20	5	ND	4	22	1	2	2	39	.58	.071	14	34	.37	167	.14	6	4.50	.02	.03	1	1
61+00E 8+25S	1	43	155	265	.1	66	21	437	5.61	250	5	ND	2	11	1	2	2	57	.14	.050	12	67	.79	108	.08	2	2.15	.01	.04	1	6
61+00E 8+50S	1	11	13	43	.3	7	4	88	2.43	6	5	ND	1	11	1	2	2	37	.16	.029	6	17	.15	48	.11	2	2.27	.03	.02	1	2
61+00E 8+75S	1	36	37	110	.3	47	16	577	3.79	32	5	ND	5	15	1	2	2	48	.22	.063	16	58	.89	144	.10	2	2.41	.02	.06	1	10
62+00E 4+25S	1	88	113	193	.2	92	29	1266	5.05	61	5	ND	3	19	1	2	2	51	.67	.083	13	89	1.19	155	.09	3	2.18	.01	.04	1	30
62+00E 4+50S	1	27	19	121	.4	65	16	400	3.88	18	5	ND	3	11	1	2	2	52	.16	.124	13	94	1.21	94	.08	2	2.09	.01	.04	1	1
62+00E 4+75S	1	45	35	115	.4	63	17	504	3.25	13	5	ND	2	36	1	3	2	40	.90	.065	13	87	1.14	112	.06	2	1.60	.01	.04	1	3
62+00E 5+00S	1	48	21	185	2.0	30	8	1349	2.20	11	5	ND	1	62	1	2	2	26	2.27	.074	5	43	.62	159	.05	5	1.65	.02	.03	1	2
62+00E 5+25S	1	16	20	50	.2	14	4	1073	1.87	8	5	ND	1	14	1	2	2	28	.31	.073	9	16	.21	81	.10	4	2.00	.03	.02	1	1
62+00E 5+50S	1	29	32	169	.3	60	19	256	4.32	25	5	ND	5	16	1	2	2	53	.22	.046	13	75	.98	140	.09	2	2.88	.01	.03	1	3
62+00E 5+75S	1	13	33	122	.2	30	13	221	4.81	29	5	ND	3	9	1	2	2	55	.11	.100	5	51	.35	80	.14	2	3.44	.02	.02	1	1
62+00E 6+00S	1	49	25	162	.2	98	26	531	5.25	32	5	ND	4	22	1	2	2	65	.35	.049	12	118	1.43	215	.08	2	3.02	.01	.05	1	1
62+00E 6+25S	1	18	14	69	.6	33	9	264	2.87	17	5	ND	5	22	1	3	3	32	.49	.064	14	35	.44	118	.15	4	4.23	.03	.04	1	1
62+00E 6+50S	1	14	19	131	.6	27	8	442	2.74	11	5	ND	2	29	1	2	2	30	.64	.035	12	30	.45	136	.11	2	3.08	.04	.03	1	2
62+00E 6+75S	1	24	13	68	.8	15	6	313	2.07	6	5	ND	1	38	1	2	2	29	.93	.056	10	17	.34	138	.08	5	2.30	.05	.03	1	1
62+00E 7+00S	1	29	22	130	.3	27	8	203	2.77	8	5	ND	4	32	1	2	2	35	.74	.028	16	30	.54	201	.05	4	1.94	.02	.04	1	1
62+00E 7+25S	1	28	15	57	.6	13	7	348	2.02	12	5	ND	1	24	1	2	2	30	.51	.044	10	16	.18	127	.08	2	2.41	.05	.02	1	2
63+00E 4+50S	1	85	85	195	.5	111	30	1189	5.43	85	9	ND	5	67	1	2	2	53	5.34	.090	11	114	1.98	136	.09	3	1.62	.01	.06	1	28
63+00E 4+75S	1	23	34	114	.3	52	14	196	4.03	29	5	ND	2	15	1	2	2	52	.23	.058	7	68	.69	92	.11	6	2.40	.01	.03	1	1
63+00E 5+00S	1	41	51	160	.6	75	21	284	4.75	37	5	ND	5	13	1	2	2	52	.18	.060	10	81	1.04	169	.08	3	2.88	.01	.04	1	1
63+00E 5+25S	1	13	23	77	.5	28	10	312	2.68	15	5	ND	2	7	1	3	2	35	.09	.073	4	35	.29	60	.07	4	2.07	.02	.02	1	5
63+00E 5+50S	1	15	25	158	.2	33	10	183	3.75	14	5	ND	3	15	1	2	2	48	.23	.029	10	50	.60	141	.10	4	2.52	.01	.02	1	1
63+00E 5+75S	1	70	9	59	.5	16	6	804	1.16	2	5	ND	1	72	1	2	2	20	2.68	.140	8	32	.31	136	.03	6	1.23	.03	.01	1	1
63+00E 6+00S	1	29	17	106	.9	17	6	187	2.20	11	5	ND	2	29	1	2	2	23	.77	.059	13	20	.24	170	.12	3	3.49	.03	.03	1	2
63+00E 6+25S	1	20	17	78	.6	23	8	224	2.75	23	5	ND	2	20	1	2	2	36	.38	.050	5	28	.25	118	.09	2	2.95	.05	.02	1	1
63+00E 6+50S	1	14	10	67	.6	13	5	350	1.90	8	5	ND	1	21	1	2	2	30	.41	.047	7	12	.20	90	.10	6	2.14	.05	.02	1	1
STD C/AU-S	21	56	42	129	6.9	67	29	996	3.95	41	20	8	33	47	16	15	22	62	.48	.098	38	58	.88	176	.08	33	1.72	.06	.13	12	52

36

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mo	Ba	Ti	B	Al	Na	K	W	Au#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
64+00E 4+75S	1	35	13	78	1.0	37	10	1325	2.38	13	5	ND	3	27	1	2	2	27	.51	.035	13	40	.56	182	.11	4	3.08	.04	.05	1	1
64+00E 5+00S	1	9	15	95	.3	20	5	105	3.06	9	5	ND	3	15	1	2	2	47	.23	.089	6	33	.38	86	.10	3	3.12	.02	.02	1	1
64+00E 5+25S	1	12	26	94	.2	34	10	196	3.42	24	5	ND	2	6	1	2	2	42	.07	.058	4	38	.36	59	.10	5	1.99	.02	.02	1	1
64+00E 5+50S	1	41	44	168	.2	101	25	309	5.06	38	5	ND	2	11	1	2	2	53	.18	.077	7	92	1.01	120	.09	2	2.66	.01	.03	1	2
78+00E 5+00S	1	19	62	179	.5	66	16	425	3.91	78	5	ND	2	9	1	2	2	40	.11	.097	5	38	.32	130	.09	5	2.33	.02	.03	1	1
78+00E 5+25S	1	13	38	226	.6	41	12	887	3.17	38	5	ND	1	9	1	2	2	31	.12	.080	2	27	.20	112	.10	3	2.66	.02	.03	1	1
78+00E 5+50S	1	11	81	159	.9	29	14	474	3.50	76	5	ND	1	10	1	2	2	35	.15	.096	3	27	.16	75	.09	3	2.32	.02	.02	1	88
78+00E 5+75S	1	89	124	569	.7	85	20	1080	4.34	69	6	ND	1	43	2	2	2	37	1.19	.106	7	81	.90	184	.04	3	1.68	.02	.03	1	11
78+00E 6+00S	1	10	36	146	.3	23	10	529	3.11	38	5	ND	2	11	1	2	2	34	.16	.128	3	26	.17	98	.11	4	3.12	.02	.03	1	1
78+00E 6+25S	1	6	25	96	.3	19	8	556	2.14	21	5	ND	1	11	1	2	2	27	.17	.088	3	16	.11	83	.08	6	2.20	.02	.03	1	1
78+00E 6+50S	1	55	67	194	.3	86	21	277	4.20	69	5	ND	1	9	1	2	2	36	.10	.068	5	44	.38	144	.08	4	2.51	.02	.03	1	10
78+00E 6+75S	1	39	50	222	.4	78	20	340	4.87	63	5	ND	2	14	1	2	2	53	.25	.091	8	84	.87	250	.12	4	3.16	.02	.05	1	1
78+00E 7+00S	1	27	30	102	.7	47	13	344	4.01	44	7	ND	3	8	1	2	2	45	.11	.113	9	53	.57	124	.10	4	2.69	.01	.05	1	1
78+00E 7+25S	1	16	41	121	.2	47	14	154	4.28	52	5	ND	2	12	1	2	2	48	.24	.171	8	57	.44	102	.10	6	3.41	.02	.03	1	1
78+00E 7+50S	1	10	13	79	.6	19	6	95	2.48	10	5	ND	3	9	1	3	2	35	.12	.065	7	23	.23	86	.10	3	2.57	.02	.04	1	1
78+00E 7+75S	1	17	20	60	.2	23	9	149	1.95	10	5	ND	2	8	1	2	2	25	.14	.018	7	22	.24	72	.07	3	1.26	.02	.03	1	2
78+00E 8+00S	1	34	23	75	.4	42	10	581	2.72	15	7	ND	1	51	1	2	2	29	1.54	.076	12	45	.74	189	.05	5	1.44	.02	.06	1	1
78+00E 8+25S	1	26	23	80	.4	54	15	259	3.46	31	5	ND	4	11	1	2	2	39	.16	.076	15	50	.53	108	.11	2	2.25	.01	.04	1	2
79+00E 5+00S	1	23	37	132	.7	53	12	671	3.03	45	5	ND	1	11	1	2	2	30	.19	.102	5	29	.25	140	.07	4	1.98	.02	.03	1	1
79+00E 5+25S	1	56	148	307	.6	70	20	1270	4.69	113	5	ND	1	21	1	2	2	37	.52	.060	4	51	.57	151	.07	2	2.08	.02	.04	1	11
79+00E 5+50S	1	82	122	209	.7	89	26	972	4.95	134	5	ND	5	23	1	2	3	45	.66	.094	16	80	1.28	143	.08	3	1.55	.02	.06	1	53
79+00E 5+75S	1	31	51	234	.4	102	24	419	4.73	37	5	ND	1	10	1	2	2	66	.19	.058	4	145	1.32	110	.13	2	2.27	.01	.03	1	1
79+00E 6+00S	1	7	26	88	.7	12	8	267	3.40	27	5	ND	2	10	1	2	2	48	.12	.234	2	23	.11	69	.17	2	4.28	.02	.02	1	2
79+00E 6+25S	1	27	26	199	.5	45	14	1686	3.48	28	5	ND	4	25	1	2	2	42	.56	.035	13	44	.85	251	.09	5	2.37	.03	.07	1	1
79+00E 6+50S	1	12	22	86	.4	22	8	189	2.64	14	5	ND	2	10	1	2	2	36	.14	.099	6	39	.32	99	.08	5	2.10	.02	.03	1	1
79+00E 6+75S	1	24	13	98	1.0	34	8	264	2.56	25	5	ND	2	24	1	2	2	29	.61	.046	11	29	.41	172	.11	2	3.09	.03	.05	1	2
79+00E 7+00S	1	5	5	71	.3	10	6	488	1.53	5	5	ND	1	10	1	2	2	24	.14	.081	3	12	.09	60	.08	6	1.95	.03	.01	1	1
79+00E 7+25S	1	15	23	104	.1	30	10	194	2.84	18	5	ND	2	9	1	2	2	38	.11	.035	6	33	.35	86	.09	3	1.38	.02	.02	1	1
79+00E 7+50S	1	24	18	62	.3	29	9	364	2.29	14	5	ND	2	71	1	2	2	25	2.53	.051	5	34	.56	183	.04	6	.97	.01	.03	1	1
79+00E 7+75S	1	18	12	60	.1	35	9	194	2.53	10	5	ND	4	10	1	2	2	33	.15	.091	12	44	.48	65	.09	2	1.52	.01	.03	1	2
79+00E 8+00S	1	20	29	67	.5	44	17	151	3.41	17	5	ND	5	10	1	2	2	37	.13	.089	6	46	.37	87	.12	2	3.38	.02	.05	2	1
79+00E 8+25S	1	13	11	81	.3	26	9	158	2.44	11	5	ND	2	11	1	2	2	34	.13	.071	7	23	.28	116	.11	4	2.81	.03	.04	1	1
79+00E 8+50S	1	12	18	74	.1	44	11	282	3.10	13	5	ND	1	12	1	2	2	47	.23	.081	9	61	.61	92	.12	2	2.26	.02	.03	1	1
79+00E 8+75S	1	37	27	99	.5	71	16	1135	3.83	20	5	ND	5	31	1	2	2	43	.47	.029	15	77	.88	335	.13	3	2.81	.03	.06	1	1
79+00E 9+00S	1	7	13	70	.4	14	6	120	1.73	3	5	ND	2	12	1	2	2	27	.21	.063	7	18	.21	96	.08	6	1.76	.03	.03	1	1
79+00E 9+25S	1	49	11	78	.5	38	10	1193	2.57	7	5	ND	3	36	1	2	2	24	.71	.044	14	28	.43	224	.12	4	2.82	.04	.06	1	2
STD C/AU-S	20	58	38	130	6.7	70	29	1001	3.95	39	17	7	32	48	16	15	19	62	.48	.101	35	58	.88	177	.08	33	1.72	.07	.13	13	53

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mo	Ba	Ti	B	Al	Na	K	W	Au#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
80+00E 5+00S	2	75	162	283	.1	110	35	1863	9.89	187	5	ND	3	11	1	2	6	61	.11	.094	6	92	.79	176	.05	9	1.38	.01	.03	1	17
80+00E 5+25S	1	41	83	244	.2	75	21	566	5.42	91	5	ND	1	8	1	2	5	46	.09	.127	6	71	.59	93	.08	2	2.52	.01	.02	1	9
80+00E 5+50S	1	38	41	141	.6	59	14	281	4.09	45	5	ND	6	22	1	2	3	44	.47	.044	14	60	.67	271	.11	4	3.30	.02	.05	1	5
80+00E 5+75S	1	36	47	75	1.4	32	11	338	2.87	63	5	ND	2	31	1	3	3	23	.88	.056	10	32	.39	158	.10	7	3.08	.03	.03	2	13
80+00E 6+00S	1	16	18	102	.6	21	7	231	2.21	20	5	ND	2	25	1	2	2	26	.65	.038	10	19	.28	153	.10	7	2.74	.03	.03	1	1
80+00E 6+25S	1	60	29	85	.7	70	15	575	3.05	14	5	ND	1	46	1	2	4	34	1.28	.075	9	99	1.00	241	.06	5	2.27	.02	.04	1	2
80+00E 6+50S	1	80	16	71	.7	46	10	939	1.89	10	5	ND	1	61	1	2	2	24	2.08	.087	9	56	.60	206	.04	7	1.59	.02	.03	1	1
80+00E 6+75S	1	49	14	83	.5	27	8	663	2.15	9	5	ND	1	46	1	2	3	28	1.17	.058	8	28	.41	155	.07	2	1.90	.04	.03	1	1
80+00E 7+00S	1	17	19	118	.3	41	14	255	3.60	18	5	ND	3	17	1	2	3	50	.26	.048	10	52	.59	169	.12	5	2.68	.02	.05	1	1
80+00E 7+25S	1	22	14	89	.2	30	10	232	2.86	13	5	ND	4	18	1	2	2	37	.34	.101	9	35	.34	129	.11	2	3.33	.02	.04	1	1
80+00E 7+50S	1	19	14	61	.3	33	9	284	2.70	13	5	ND	3	21	1	2	3	34	.41	.065	6	41	.33	106	.09	7	2.92	.03	.04	1	2
80+00E 7+75S	1	13	9	70	.1	21	9	155	2.64	13	5	ND	4	11	1	2	4	35	.16	.187	9	26	.33	78	.14	3	3.37	.02	.04	1	1
80+00E 8+00S	1	5	13	60	.1	11	6	121	2.22	14	5	ND	2	10	1	3	2	34	.14	.197	3	18	.13	69	.12	2	2.61	.02	.02	1	1
80+00E 8+25S	1	22	9	57	.1	33	11	156	2.52	12	5	ND	4	18	1	2	2	34	.23	.037	10	37	.50	134	.09	3	1.80	.03	.03	1	1
80+00E 8+50S	1	14	20	97	.1	31	10	157	2.86	15	5	ND	3	15	1	2	2	40	.20	.091	9	41	.47	134	.09	4	2.16	.02	.03	1	1
80+00E 8+75S	1	16	15	57	.2	29	9	164	3.01	16	5	ND	3	21	1	2	2	37	.40	.139	11	34	.38	135	.12	5	3.38	.03	.04	1	1
80+00E 9+00S	1	43	26	90	.1	81	19	388	3.97	26	5	ND	5	20	1	2	3	53	.31	.035	23	110	1.33	92	.13	8	1.75	.01	.07	1	2
80+00E 9+25S	1	24	16	102	.2	55	16	293	3.22	12	5	ND	5	12	1	2	3	44	.19	.090	18	74	.86	115	.10	4	2.16	.01	.05	1	1
80+00E 9+50S	1	19	16	109	.2	33	12	401	2.93	13	5	ND	4	12	1	2	5	44	.16	.095	12	45	.55	167	.09	3	2.21	.02	.05	1	1
80+00E 9+75S	1	13	18	83	.4	26	10	157	2.97	12	5	ND	4	15	1	2	4	38	.20	.108	9	36	.42	143	.11	4	3.20	.02	.04	1	1
80+00E 10+00S	1	30	11	53	.7	23	6	496	1.94	7	5	ND	2	31	1	2	2	23	.61	.037	18	28	.32	205	.09	4	2.44	.04	.04	1	1
80+00E 10+25S	1	29	19	86	.1	44	13	301	3.33	14	5	ND	2	36	1	2	2	36	.71	.039	12	51	.75	267	.09	2	2.69	.03	.04	1	3
80+00E 10+50S	1	33	18	72	.7	31	8	368	2.20	9	5	ND	2	39	1	2	2	28	.68	.049	9	29	.38	205	.10	2	2.52	.05	.04	1	1
81+00E 5+25S	1	47	36	148	.4	49	16	1349	3.39	55	5	ND	4	38	1	2	3	40	1.04	.096	12	48	.67	300	.08	8	1.92	.07	.12	1	1
81+00E 5+50S	1	10	14	60	.2	16	7	130	2.45	13	5	ND	3	12	1	2	2	30	.14	.157	5	24	.22	66	.13	2	3.99	.02	.02	1	1
81+00E 5+75S	1	7	10	50	.1	10	8	200	2.58	8	5	ND	2	14	1	3	3	41	.16	.120	3	20	.15	30	.11	3	2.33	.03	.02	2	1
81+00E 6+00S	1	50	45	97	.1	102	22	341	4.50	28	5	ND	6	16	1	2	3	61	.27	.063	14	133	1.60	90	.15	3	1.98	.01	.04	1	3
81+00E 6+25S	1	33	27	81	.6	59	14	419	3.49	34	5	ND	5	21	1	2	4	38	.41	.044	13	62	.68	230	.14	2	3.48	.03	.05	1	1
81+00E 6+50S	1	43	13	85	.6	33	11	795	2.89	17	5	ND	1	46	1	2	4	34	1.12	.055	11	35	.51	232	.05	7	1.93	.02	.05	1	1
81+00E 6+75S	1	11	17	92	.3	31	9	152	3.36	18	5	ND	3	12	1	2	3	47	.17	.085	8	48	.50	77	.10	3	1.86	.01	.04	1	2
81+00E 7+00S	1	23	17	96	.2	50	13	192	3.82	19	5	ND	4	20	1	2	3	47	.36	.061	11	63	.72	168	.12	3	3.40	.02	.04	1	1
81+00E 7+25S	1	18	18	104	.2	55	15	248	3.78	17	5	ND	3	14	1	2	2	51	.20	.124	9	73	.79	116	.10	7	2.26	.01	.04	1	1
81+00E 7+50S	1	22	32	88	.2	39	13	267	4.31	22	5	ND	5	8	1	2	2	50	.10	.118	11	64	.74	61	.09	2	1.89	.01	.04	1	1
81+00E 7+75S	1	29	15	66	.6	25	8	1049	2.16	8	5	ND	1	41	1	2	2	30	.81	.047	13	24	.42	158	.08	6	2.13	.04	.04	1	1
81+00E 8+00S	1	50	8	37	.6	11	3	292	1.21	6	5	ND	1	70	1	2	2	21	1.87	.094	13	11	.25	139	.03	2	1.42	.04	.02	1	1
81+00E 8+25S	1	125	17	91	1.4	42	11	1517	1.86	8	8	ND	1	89	1	2	2	25	2.57	.088	25	38	.51	270	.04	3	1.76	.02	.04	1	1
STD C/AU-S	21	57	40	133	6.8	68	30	1017	3.96	43	18	7	33	49	17	16	19	63	.47	.099	36	58	.88	183	.08	34	1.72	.07	.13	14	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 %	E PPM	Al %	Na %	K %	W PPM	Au# PPB
81+00E 8+50S	1	61	20	74	.4	47	9	648	2.66	9	6	ND	1	112	1	2	2	32	2.13	.124	16	61	.76	244	.04	4	2.12	.03	.05	1	1
81+00E 8+75S	1	34	14	55	.6	28	6	204	2.43	10	5	ND	2	32	1	2	2	26	.58	.045	15	31	.31	181	.11	3	2.74	.04	.05	1	1
81+00E 9+00S	1	69	11	60	.4	25	8	371	2.52	8	5	ND	1	52	1	2	2	35	1.27	.055	20	25	.36	275	.08	5	2.45	.04	.05	1	1
81+00E 9+25S	1	24	30	67	.5	31	8	588	2.64	11	5	ND	2	36	1	2	2	35	.73	.049	12	31	.44	212	.09	2	2.30	.06	.05	1	1
81+00E 9+50S	1	31	14	65	.1	32	9	478	2.72	9	5	ND	3	27	1	2	2	32	.55	.031	17	39	.60	186	.09	7	1.90	.03	.05	1	1
81+00E 9+75S	1	30	6	64	.1	26	7	572	2.52	4	5	ND	4	26	1	2	2	30	.51	.032	15	28	.44	217	.12	5	2.69	.04	.05	1	1
81+00E 10+00S	1	120	61	146	.1	190	37	592	7.03	21	5	ND	4	23	1	2	2	91	.44	.044	20	255	2.97	149	.18	3	3.07	.01	.06	1	10
82+00E 5+00S	1	29	31	155	.2	48	13	674	3.52	32	5	ND	5	19	1	2	2	45	.39	.035	16	48	.67	271	.10	2	2.61	.03	.06	1	1
82+00E 5+25S	1	29	29	108	.1	56	14	412	3.33	15	5	ND	5	20	1	2	2	44	.40	.044	16	65	.86	146	.11	2	2.05	.02	.05	1	1
82+00E 5+50S	1	22	26	118	.3	42	11	441	3.04	10	5	ND	2	21	1	2	2	39	.50	.074	10	42	.50	147	.11	3	3.03	.04	.06	1	3
82+00E 5+75S	1	29	23	135	.3	71	14	200	3.99	17	5	ND	3	18	1	2	2	60	.31	.037	10	97	.97	158	.11	5	2.27	.02	.05	1	1
82+00E 6+00S	1	40	60	143	.1	91	20	289	4.61	22	5	ND	3	19	1	2	2	60	.35	.076	11	119	1.33	171	.14	2	3.21	.02	.04	1	1
82+00E 6+25S	1	16	4	46	.3	10	4	450	1.46	5	5	ND	1	49	1	2	2	24	1.28	.063	5	12	.22	97	.05	2	1.63	.05	.03	1	1
82+00E 6+50S	1	24	18	119	.1	51	14	367	3.21	10	5	ND	4	16	1	2	2	45	.23	.041	12	64	.72	124	.11	2	2.06	.02	.05	1	2
82+00E 6+75S	1	5	7	54	.1	9	3	191	1.51	2	5	ND	1	6	1	2	2	30	.07	.027	5	16	.12	43	.08	4	.93	.02	.02	1	1
82+00E 7+00S	3	134	257	360	.1	139	41	719	7.27	72	5	ND	3	12	1	2	2	71	.20	.050	9	144	1.72	159	.10	2	3.03	.01	.04	1	7
82+00E 7+25S	1	34	11	56	.7	25	6	278	1.98	4	5	ND	2	32	1	2	2	26	.57	.052	16	22	.30	111	.10	3	2.61	.06	.04	1	4
82+00E 7+50S	1	34	9	37	.4	17	6	756	1.75	4	5	ND	1	36	1	2	2	29	.71	.044	14	16	.25	86	.07	2	1.65	.06	.03	1	1
82+00E 7+75S	1	77	18	65	.3	43	10	444	2.95	10	5	ND	1	43	1	2	2	36	.81	.047	21	43	.55	216	.10	5	2.88	.05	.05	1	1
82+00E 8+00S	1	60	14	81	.3	41	10	506	2.63	8	7	ND	1	43	1	2	2	36	.98	.048	13	49	.63	169	.08	2	1.97	.05	.04	1	1
82+00E 8+25S	1	43	25	117	.1	92	17	250	5.05	16	5	ND	4	22	1	2	2	73	.31	.028	17	132	1.55	162	.13	4	2.61	.01	.04	1	1
82+00E 8+50S	1	20	6	44	.3	13	5	298	1.87	2	5	ND	1	37	1	2	2	35	.68	.048	8	15	.22	77	.08	6	1.61	.07	.02	1	1
82+00E 8+75S	1	36	10	66	.5	25	8	789	2.45	7	5	ND	3	46	1	2	2	29	1.01	.051	8	23	.39	235	.12	7	2.90	.06	.05	1	1
82+00E 9+00S	1	25	11	93	.6	40	10	269	2.88	14	5	ND	3	29	1	2	2	38	.59	.068	11	40	.50	197	.11	3	3.05	.04	.06	1	1
83+00E 5+00S	1	13	12	38	.8	15	5	142	2.10	18	5	ND	3	22	1	2	2	19	.64	.064	9	15	.18	90	.14	5	3.95	.04	.03	2	1
83+00E 5+25S	1	27	20	102	.5	39	10	259	3.05	12	5	ND	3	25	1	2	2	30	.72	.118	16	41	.41	161	.13	6	4.22	.04	.06	1	1
83+00E 5+50S	1	20	20	83	.7	27	8	635	2.23	12	5	ND	1	30	1	2	2	30	.69	.037	7	33	.37	132	.10	5	2.16	.04	.03	1	2
83+00E 5+75S	1	9	23	74	.2	33	9	229	3.65	15	5	ND	3	15	1	2	2	49	.30	.165	8	53	.46	69	.14	6	2.99	.02	.04	1	1
83+00E 6+00S	1	27	13	77	.1	61	14	221	3.71	19	5	ND	5	17	1	2	2	51	.25	.023	18	73	.89	112	.15	9	1.78	.01	.04	1	1
83+00E 6+25S	1	89	32	182	.7	70	17	1022	4.85	19	5	ND	10	35	1	2	2	55	.41	.089	17	51	.61	528	.15	5	5.57	.03	.12	1	1
83+00E 6+50S	1	7	11	49	.3	13	6	274	2.04	4	5	ND	2	12	1	2	2	33	.16	.105	7	18	.16	54	.10	4	2.31	.03	.03	1	1
83+00E 6+75S	1	51	33	125	.1	98	22	705	4.41	23	5	ND	6	32	1	2	2	54	.60	.123	19	112	1.43	72	.16	4	1.49	.02	.04	1	6
83+00E 7+00S	1	19	14	80	.3	31	9	156	2.84	8	5	ND	3	16	1	2	2	38	.28	.049	9	33	.30	119	.11	2	2.65	.03	.04	1	1
83+00E 7+25S	1	32	20	79	.4	35	9	395	3.03	11	5	ND	5	24	1	2	2	42	.49	.037	16	35	.40	163	.14	7	3.38	.03	.06	1	1
83+00E 7+50S	1	74	12	56	.8	30	8	446	1.91	7	7	ND	1	71	1	2	2	26	2.03	.098	12	32	.43	240	.05	5	1.95	.04	.04	1	1
83+00E 7+75S	1	145	13	49	.6	35	7	663	.85	4	29	ND	3	298	1	2	2	9	6.57	.138	16	15	.35	296	.02	8	1.21	.01	.02	1	4
83+00E 8+00S	1	44	9	55	.5	16	8	427	2.06	2	8	ND	1	56	1	2	2	32	1.43	.069	11	15	.36	181	.06	3	1.84	.07	.04	1	1
STD C/AU-S	20	59	36	127	6.7	70	28	976	3.93	38	17	7	33	47	16	15	20	60	.48	.100	34	58	.88	172	.08	37	1.72	.06	.12	14	48

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GEOCHEMICAL ICP ANALYSIS

.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.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -BOMESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 11 1986 DATE REPORT MAILED: *Nov 14/86* ASSAYER: *D. J. Jepsen* DEAN TOYE, CERTIFIED B.C. ASSAYER.

C.E.C. ENGINEERING PROJECT-TWIN P86-14 FILE# 86-3645

PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au† PPB
52+00E 0+00S	1	165	68	163	.8	85	22	1886	3.04	13	5	ND	1	67	1	2	2	40	1.98	.117	11	97	.94	229	.04	6	2.05	.03	.02	1	3
52+00E 0+25S	1	64	94	148	.6	138	30	1869	6.97	32	5	ND	1	18	1	2	2	43	.54	.063	11	72	.55	326	.05	2	1.81	.01	.04	1	25
52+00E 0+50S	1	75	87	235	.3	130	29	1029	5.30	30	5	ND	2	12	1	2	2	71	.16	.057	14	151	1.60	255	.11	4	2.84	.01	.05	1	9
52+00E 0+75S	1	21	39	118	.4	104	22	343	4.11	13	5	ND	2	8	1	2	2	66	.12	.039	7	175	1.36	117	.10	2	2.48	.02	.03	1	3
52+00E 1+00S	1	12	56	81	.5	51	11	181	2.37	5	5	ND	1	9	1	2	2	35	.16	.037	8	46	.30	119	.08	2	2.09	.02	.02	1	1
52+50E 0+00S	1	32	75	199	.4	49	17	324	3.19	15	5	ND	1	41	1	2	2	39	.80	.030	9	63	.63	99	.10	2	2.65	.04	.02	1	1
53+00E 0+00S	1	59	74	245	.2	103	24	295	5.85	30	5	ND	2	30	1	2	2	79	.71	.031	13	147	1.59	127	.13	3	3.54	.01	.03	1	3
53+00E 0+25S	1	11	19	109	.3	24	10	219	2.34	7	5	ND	1	7	1	2	3	36	.10	.050	6	33	.28	91	.10	2	2.75	.02	.01	1	40
53+00E 0+50S	1	67	101	190	.8	104	25	1119	4.85	25	5	ND	2	20	1	2	2	55	.54	.085	8	111	1.11	223	.09	2	2.56	.01	.04	1	10
53+00E 0+75S	1	38	22	180	.3	160	34	360	5.67	13	5	ND	2	17	1	2	2	44	.27	.037	9	99	.47	500	.03	2	2.95	.01	.04	1	38
53+00E 1+00S	1	13	25	88	.3	13	8	184	2.33	8	5	ND	2	12	1	2	2	32	.15	.079	2	17	.12	77	.13	2	3.32	.03	.01	1	1
53+00E 1+25S	1	38	34	105	.4	69	13	1012	3.10	8	5	ND	3	32	1	2	2	43	.75	.081	22	71	.50	254	.17	2	3.84	.02	.04	1	1
53+00E 1+50S	1	6	11	22	.4	3	3	52	1.04	2	5	ND	1	9	1	2	2	19	.14	.022	6	8	.05	56	.07	2	1.56	.03	.02	1	1
53+00E 1+75S	1	12	15	80	.1	23	8	355	2.22	5	5	ND	1	7	1	2	2	34	.08	.131	5	29	.18	88	.14	3	3.08	.03	.02	1	5
53+00E 2+00S	1	6	15	46	.3	10	7	110	2.09	6	5	ND	1	7	1	2	2	35	.07	.056	5	17	.11	48	.10	2	2.34	.02	.02	1	1
53+50E 0+00S	2	53	102	202	.4	64	24	199	5.14	26	5	ND	3	12	1	2	2	42	.16	.049	10	60	.47	111	.15	4	3.68	.02	.02	1	3
54+00E 0+25S	2	91	59	147	1.0	66	15	2417	2.41	15	5	ND	1	93	2	2	2	35	2.54	.124	7	81	.83	190	.03	5	1.89	.03	.02	1	1
54+00E 0+50S	1	66	108	232	.7	99	27	641	4.99	35	5	ND	3	12	1	3	2	64	.21	.071	9	131	1.35	172	.12	2	2.64	.01	.05	1	50
54+00E 0+75S	1	35	39	141	2.6	35	9	337	2.42	14	5	ND	3	33	1	2	2	33	.67	.066	12	35	.37	164	.13	2	3.36	.05	.03	1	1
54+00E 1+00S	1	8	32	186	.6	25	13	409	3.80	15	5	ND	2	8	1	2	3	51	.10	.138	7	44	.29	108	.14	3	4.40	.02	.03	1	1
54+00E 1+25S	1	69	52	131	.8	99	18	1254	3.96	11	9	ND	1	35	1	2	2	36	.94	.050	6	42	.29	192	.07	2	2.01	.03	.03	1	19
54+00E 1+50S	2	145	29	158	.8	189	35	5349	4.78	24	5	ND	1	53	2	2	2	22	1.25	.068	12	27	.17	413	.06	2	2.13	.03	.04	1	21
54+00E 1+75S	1	36	34	153	.1	68	23	340	5.89	31	5	ND	2	8	1	2	2	54	.09	.069	9	62	.54	121	.09	2	2.38	.01	.04	1	4
54+00E 2+00S	1	49	33	112	.2	63	19	560	5.25	24	5	ND	4	11	1	2	3	55	.17	.076	13	57	.79	156	.08	5	2.65	.01	.06	1	1
54+00E 2+25S	1	23	19	91	.2	31	12	365	3.04	6	5	ND	2	9	1	2	2	44	.12	.101	7	46	.39	90	.12	2	2.93	.02	.03	1	4
54+00E 2+50S	1	16	45	90	.1	47	14	485	3.53	22	5	ND	1	11	1	2	3	56	.18	.041	7	68	.57	103	.11	2	2.45	.02	.03	1	1
54+00E 2+75S	1	62	75	150	.1	78	23	410	5.32	57	5	ND	6	13	1	2	2	64	.18	.043	16	96	1.17	155	.10	2	2.80	.01	.05	1	15
54+00E 3+00S	1	62	11	60	.2	18	7	367	1.64	5	5	ND	1	28	1	2	2	29	.74	.065	10	17	.18	137	.09	2	2.43	.06	.02	1	1
54+50E 0+00S	5	173	45	252	1.7	78	16	9641	1.79	12	5	ND	2	141	5	2	2	27	3.59	.157	11	71	.54	404	.03	7	2.03	.03	.03	1	4
55+00E 0+00S	1	17	57	187	.5	42	14	237	3.33	22	5	ND	2	17	1	2	2	45	.29	.034	6	61	.58	103	.14	2	3.13	.03	.02	1	1
55+00E 0+25S	1	80	76	284	.5	90	27	987	4.33	25	5	ND	3	45	1	2	4	54	.83	.043	10	127	1.36	339	.13	2	2.44	.03	.03	1	3
55+00E 0+50S	1	16	100	267	.9	50	17	250	3.86	18	5	ND	3	14	1	2	2	54	.19	.023	7	81	.77	68	.13	2	2.76	.03	.03	1	4
55+00E 0+75S	1	80	130	272	.3	130	30	429	5.63	27	5	ND	5	15	1	2	2	76	.24	.075	11	175	1.80	148	.18	2	3.24	.01	.05	1	1
55+00E 1+00S	2	38	62	167	.3	57	18	504	3.71	17	5	ND	5	9	1	2	4	53	.12	.086	10	76	.81	144	.11	2	2.85	.02	.04	1	3
55+00E 1+25S	1	125	51	146	.2	154	37	993	7.59	26	5	ND	3	7	1	2	5	63	.08	.043	17	137	.66	358	.02	2	3.50	.01	.06	1	1
55+00E 1+50S	2	98	71	176	.3	89	25	451	5.07	21	5	ND	8	10	1	2	3	63	.14	.068	14	116	1.50	200	.08	2	3.46	.01	.08	1	5
STD C/AU-S	21	58	39	134	7.0	69	30	1043	3.96	41	18	7	34	50	18	15	21	64	.48	.102	37	59	.88	184	.08	38	1.71	.07	.13	13	49

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	F	Al	Na	K	W	Au1
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
55+00E 1+75S	1	41	11	64	1.7	15	4	684	1.09	2	5	ND	1	61	1	2	3	18	2.27	.102	6	15	.23	207	.06	10	1.89	.03	.02	1	1
55+00E 2+00S	1	12	17	56	.7	22	6	97	2.51	14	5	ND	1	23	1	2	2	37	.55	.049	4	27	.20	63	.09	3	2.95	.04	.02	1	1
55+00E 2+25S	2	30	28	77	.1	34	12	193	4.22	19	5	ND	2	12	1	2	2	54	.18	.045	7	40	.32	96	.12	8	3.54	.02	.01	1	5
55+00E 2+50S	1	10	11	91	.1	37	10	180	3.24	3	5	ND	1	6	1	2	2	52	.08	.038	2	51	.29	80	.09	5	1.83	.02	.02	1	1
55+00E 2+75S	1	28	17	70	.2	21	7	204	2.42	19	5	ND	1	9	1	2	2	38	.11	.060	4	30	.20	61	.10	4	2.36	.03	.02	1	9
55+00E 3+00S	2	54	18	107	.1	62	26	1199	4.84	13	5	ND	1	11	1	2	2	52	.17	.107	4	76	.50	162	.09	5	3.01	.03	.03	1	1
55+00E 3+25S	1	13	9	50	.1	15	5	449	2.11	6	5	ND	1	8	1	2	2	36	.10	.063	3	28	.19	78	.11	2	1.38	.03	.02	1	1
55+00E 3+50S	3	90	28	108	.3	49	15	1462	3.34	19	5	ND	4	19	1	2	2	39	.27	.140	21	44	.45	237	.14	7	3.76	.03	.05	1	1
55+00E 3+75S	2	72	37	120	.1	88	21	354	5.03	29	5	ND	6	17	1	2	2	60	.26	.061	15	93	1.23	192	.12	5	2.94	.02	.06	1	6
55+00E 4+00S	2	22	22	99	.3	51	12	565	3.31	19	6	ND	3	10	1	2	2	41	.13	.187	4	47	.45	128	.13	2	3.89	.02	.04	1	1
55+50E 0+00S	1	111	23	95	.6	33	10	538	2.05	8	5	ND	1	27	1	2	3	27	.62	.040	8	28	.25	120	.10	3	2.56	.05	.03	1	1
56+00E 0+00S	2	47	94	210	.9	56	17	415	3.14	23	5	ND	2	21	1	2	2	38	.50	.055	11	58	.53	149	.12	5	3.23	.03	.02	1	13
56+00E 0+25S	2	53	43	307	.3	71	16	2607	3.32	14	5	ND	1	27	2	2	2	43	.57	.051	6	75	.82	205	.13	2	2.98	.04	.03	1	12
56+00E 0+50S	1	134	39	264	1.8	53	12	724	2.84	14	5	ND	1	60	1	2	2	38	1.58	.105	16	50	.51	126	.08	4	3.00	.05	.03	1	2
56+00E 0+75S	2	64	94	240	.8	78	21	822	4.09	23	5	ND	3	14	1	2	2	55	.25	.082	9	91	1.08	170	.11	4	2.93	.01	.25	1	3
56+00E 1+00S	2	25	39	148	.4	56	14	427	3.34	14	5	ND	1	13	1	2	3	50	.21	.056	7	71	.65	125	.14	2	2.70	.03	.02	1	5
56+00E 1+25S	1	119	144	293	1.6	134	31	1204	5.69	45	5	ND	4	40	1	7	2	73	2.19	.069	9	163	2.18	232	.12	2	2.62	.02	.08	1	8
56+00E 1+50S	1	36	29	133	1.5	46	11	457	2.83	13	5	ND	2	27	1	2	2	41	.74	.049	10	59	.64	212	.09	4	2.70	.03	.04	1	1
56+00E 1+75S	2	24	26	130	2.0	42	11	192	3.81	13	5	ND	3	17	1	2	2	54	.27	.055	8	55	.58	195	.12	5	3.59	.02	.05	1	1
56+00E 2+00S	1	49	52	152	.2	122	26	338	5.29	28	5	ND	3	14	1	2	2	80	.30	.023	9	182	2.04	132	.12	2	2.78	.01	.05	1	2
56+00E 2+25S	1	9	12	48	.3	24	6	165	1.89	6	5	ND	2	9	1	2	2	39	.17	.027	9	39	.32	69	.05	4	.67	.01	.03	1	11
56+00E 2+50S	2	18	14	72	.2	26	10	513	2.92	9	5	ND	2	10	1	2	2	45	.13	.166	4	38	.32	75	.14	3	3.23	.02	.02	1	1
56+00E 2+75S	1	21	79	129	.1	28	10	1726	3.03	9	5	ND	1	10	1	2	2	51	.17	.117	4	42	.35	125	.11	5	2.05	.02	.03	1	1
56+00E 3+00S	1	4	13	36	.1	13	3	89	1.83	5	5	ND	1	5	1	2	2	40	.06	.019	2	20	.13	22	.11	3	.53	.02	.02	1	1
56+00E 3+25S	2	26	24	127	.4	79	9	2678	2.39	8	5	ND	1	30	1	2	2	30	.57	.088	7	22	.26	132	.11	4	2.55	.05	.03	1	3
56+00E 3+50S	1	1	13	44	.1	7	2	233	1.17	2	5	ND	1	5	1	2	3	31	.06	.023	3	13	.07	37	.08	5	.41	.02	.01	1	1
56+00E 3+75S	1	14	23	95	.2	32	15	1302	3.21	16	5	ND	1	12	1	2	3	48	.19	.118	3	43	.28	77	.09	3	1.78	.03	.03	1	4
56+00E 4+00S	1	3	7	32	.1	13	3	96	1.35	3	5	ND	1	5	1	2	2	32	.08	.015	3	17	.09	26	.07	3	.36	.02	.02	2	1
56+00E 4+25S	2	25	24	118	.1	80	18	523	4.49	17	5	ND	3	11	1	2	2	57	.16	.093	4	79	.77	136	.10	2	2.53	.02	.05	1	1
56+00E 4+50S	2	14	19	95	.1	81	17	620	3.21	9	5	ND	2	8	1	2	2	47	.11	.058	5	62	.32	84	.09	5	1.78	.02	.04	1	1
56+00E 4+75S	1	13	12	65	.3	31	12	768	2.82	7	8	ND	4	10	1	2	2	45	.18	.053	11	45	.57	113	.08	4	1.43	.01	.06	1	1
56+00E 5+00S	1	5	7	36	.1	11	4	121	1.81	5	5	ND	1	7	1	2	2	34	.07	.025	3	16	.13	58	.10	2	1.32	.03	.02	1	1
56+50E 0+00S	2	33	52	310	.8	67	16	770	3.44	24	5	ND	3	31	1	2	2	40	.70	.075	8	64	.75	160	.13	4	3.69	.03	.04	1	1
57+00E 0+00S	2	23	78	246	.4	47	18	286	4.00	35	5	ND	3	14	1	2	2	48	.26	.146	3	52	.55	75	.10	3	2.70	.02	.04	1	1
57+00E 0+25S	2	10	27	126	.9	33	9	196	2.57	13	5	ND	2	15	1	2	2	36	.23	.043	5	30	.30	92	.11	2	3.06	.03	.02	1	1
57+00E 0+50S	2	123	162	311	.6	155	38	1127	6.39	48	5	ND	5	30	1	2	2	74	.75	.061	12	174	2.35	457	.13	3	2.68	.02	.06	1	6
STD C/AU-S	21	58	39	130	7.0	69	28	1000	3.93	41	18	7	33	46	17	15	20	62	.48	.101	36	58	.88	175	.08	36	1.72	.06	.13	13	51

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au†
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
57+00E 0+75S	1	64	136	253	.7	81	19	590	4.16	27	5	ND	2	26	1	2	4	50	.52	.040	12	88	.94	192	.10	6	2.43	.02	.08	1	2
57+00E 1+00S	1	41	55	137	.4	71	18	338	3.81	17	5	ND	4	11	1	2	2	59	.18	.041	9	96	1.09	113	.11	6	2.50	.02	.04	1	1
57+00E 1+25S	1	51	53	184	.2	59	20	384	4.16	35	5	ND	4	8	1	4	2	53	.14	.054	7	80	.92	83	.10	2	1.83	.01	.03	1	1
57+00E 1+50S	1	33	35	183	.4	59	18	360	3.88	31	5	ND	3	13	1	2	2	53	.20	.025	8	73	.87	160	.10	3	2.01	.02	.03	1	1
57+00E 1+75S	1	19	41	143	.7	41	11	350	3.19	20	5	ND	3	20	1	2	2	41	.41	.057	8	51	.51	144	.14	3	3.43	.03	.04	1	1
57+00E 2+00S	1	88	68	180	1.5	104	25	1060	4.84	29	6	ND	4	31	1	3	2	64	.78	.064	16	134	1.72	240	.11	9	2.80	.02	.08	1	11
57+00E 2+25S	1	68	90	164	.8	82	21	874	4.69	23	5	ND	4	28	1	2	2	70	.60	.052	16	119	1.76	222	.12	4	2.69	.02	.09	1	4
57+00E 2+50S	1	3	8	25	.2	7	3	68	.91	2	5	ND	2	4	1	2	4	20	.04	.023	5	10	.11	23	.05	4	.38	.02	.02	1	1
57+00E 2+75S	1	14	34	77	.1	40	10	185	3.68	25	5	ND	2	9	1	2	2	60	.17	.042	7	62	.63	69	.11	6	1.36	.02	.02	1	1
57+00E 3+00S	1	24	14	82	.2	31	11	952	2.62	6	5	ND	3	9	1	2	2	36	.14	.079	7	27	.21	89	.10	2	2.31	.03	.03	1	10
57+00E 3+25S	1	56	9	95	.3	240	38	824	5.09	15	6	ND	3	17	1	2	2	28	.33	.054	9	29	.32	109	.04	7	1.50	.02	.05	1	320
57+00E 3+50S	1	26	32	93	.1	74	17	354	4.13	26	5	ND	3	8	1	2	2	55	.13	.045	10	79	.98	83	.10	8	1.92	.01	.03	1	7
57+00E 3+75S	1	15	12	68	.2	26	9	565	2.40	6	5	ND	2	11	1	2	2	37	.17	.075	9	25	.27	72	.08	3	2.23	.03	.04	1	1
57+00E 4+00S	1	15	19	85	.1	36	11	204	3.12	10	5	ND	3	9	1	2	2	47	.12	.054	8	46	.58	77	.12	6	2.14	.02	.04	1	1
57+00E 4+25S	1	13	15	88	.2	14	8	360	2.73	14	5	ND	2	7	1	2	2	36	.08	.170	4	25	.17	78	.16	5	3.88	.02	.02	1	1
57+00E 4+50S	1	77	83	234	.3	95	28	369	5.77	79	5	ND	5	12	1	2	2	49	.17	.060	10	80	.84	124	.11	2	2.60	.01	.04	1	15
57+00E 4+75S	1	51	25	85	.1	102	25	865	4.93	24	5	ND	2	20	1	2	2	62	.33	.041	11	105	.86	165	.08	6	2.23	.02	.06	1	1
57+00E 5+00S	1	44	14	96	.3	36	10	2513	2.37	6	5	ND	2	26	1	2	2	33	.50	.028	13	34	.51	309	.10	5	2.21	.04	.05	1	2
57+00E 5+25S	1	25	13	79	.1	36	12	447	3.00	8	5	ND	5	12	1	2	2	42	.20	.057	12	46	.67	157	.11	5	2.54	.02	.05	1	1
57+00E 5+50S	1	43	24	96	.1	70	21	653	4.26	19	5	ND	3	12	1	2	2	54	.18	.053	7	85	.79	144	.12	5	2.24	.02	.04	1	8
57+00E 5+75S	1	33	32	120	.1	99	24	603	4.91	27	5	ND	3	17	1	2	2	65	.26	.042	10	127	1.35	150	.12	4	2.04	.01	.06	1	2
57+00E 6+00S	1	19	35	123	.1	44	16	368	3.55	26	5	ND	2	7	1	2	2	44	.09	.066	5	47	.45	83	.10	5	1.87	.02	.03	1	7
57+50E 0+00S	1	16	41	184	.6	20	7	1197	2.09	8	5	ND	1	18	1	2	2	33	.32	.064	6	20	.18	84	.10	2	1.99	.04	.02	1	2
58+00E 0+00S	1	57	71	203	.3	55	17	501	3.50	23	5	ND	4	14	1	2	2	48	.26	.034	10	66	.77	164	.10	5	1.94	.03	.05	1	1
58+00E 0+25S	1	96	110	277	1.0	83	23	1013	4.64	39	5	ND	3	25	1	2	2	52	.62	.047	13	95	1.11	191	.10	4	2.68	.02	.05	1	7
58+00E 0+50S	1	63	6	140	1.0	20	4	1607	.36	2	5	ND	2	174	3	2	3	5	6.19	.106	2	9	.20	185	.01	8	.38	.01	.02	1	1
58+00E 0+75S	1	58	5	49	.6	15	3	777	.38	2	5	ND	2	183	1	2	2	6	6.72	.109	3	4	.17	193	.01	7	.45	.01	.02	1	1
58+00E 1+00S	1	14	44	146	.6	42	15	362	3.56	15	5	ND	1	7	1	2	2	56	.11	.033	6	74	.75	74	.10	6	2.33	.01	.02	1	9
58+00E 1+25S	1	38	58	251	.6	65	21	664	4.44	42	5	ND	5	14	1	2	2	55	.20	.032	8	73	.91	174	.10	5	2.62	.02	.05	1	2
58+00E 1+50S	1	15	21	64	.6	18	11	314	2.35	10	5	ND	3	14	1	2	3	35	.18	.051	4	24	.24	53	.08	2	2.55	.04	.02	1	1
58+00E 1+75S	1	41	66	211	.8	69	21	524	5.16	55	5	ND	3	17	1	2	2	52	.28	.082	6	66	.68	175	.12	6	3.55	.02	.04	1	1
58+00E 2+00S	1	123	160	241	.8	99	40	1149	7.61	129	5	ND	5	14	1	4	2	54	.35	.076	14	87	1.00	157	.11	7	2.48	.01	.05	1	31
58+00E 2+25S	1	28	48	201	.3	45	20	381	5.67	44	5	ND	5	11	1	2	2	69	.12	.079	10	66	.74	161	.12	5	3.11	.02	.05	1	1
58+00E 2+50S	1	47	29	107	.5	62	18	814	3.56	15	5	ND	3	23	1	2	3	45	.53	.057	13	86	1.09	121	.11	3	2.41	.02	.04	1	1
58+00E 2+75S	1	45	59	132	.6	71	26	460	5.36	53	5	ND	3	13	1	2	3	55	.17	.054	9	99	.99	106	.13	4	2.28	.01	.03	1	1
58+00E 3+00S	1	21	47	126	.2	60	19	462	4.03	34	5	ND	2	9	1	2	4	38	.12	.069	6	47	.48	96	.10	4	2.69	.02	.03	1	1
STD C/AU-5	20	57	39	129	7.0	65	29	997	3.95	40	19	8	34	49	17	15	20	62	.48	.098	37	55	.88	184	.08	37	1.72	.07	.14	13	48

C.E.C. ENGINEERING PROJECT - TWIN P86-14 FILE # 86-3645

SAMPLE#	Mo	Cu	Pb	Zn	As	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	W	Au+
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
58+00E 3+25S	1	43	65	138	.3	58	18	314	4.21	31	5	ND	5	12	1	2	2	48	.17	.069	10	70	.87	106	.08	2	2.62	.01	.04	2	2
58+00E 3+50S	1	21	16	101	.2	32	12	740	3.16	10	5	ND	3	14	1	2	2	42	.17	.120	10	41	.62	122	.07	6	2.34	.02	.04	2	1
58+00E 3+75S	1	10	9	68	.5	16	9	514	2.49	9	5	ND	3	10	1	2	2	35	.12	.128	7	24	.27	83	.10	2	2.43	.02	.03	1	1
58+00E 4+00S	1	12	22	92	.1	49	11	274	2.86	16	5	ND	3	11	1	2	2	38	.22	.052	6	33	.39	74	.10	2	2.71	.02	.03	2	1
58+00E 4+25S	1	24	23	106	.1	40	13	328	3.24	13	5	ND	6	13	1	2	2	38	.18	.080	10	41	.59	137	.12	6	3.68	.02	.05	2	1
58+00E 4+50S	1	17	13	77	.4	36	10	319	3.05	12	5	ND	3	12	1	2	2	44	.19	.046	7	41	.45	96	.10	2	2.10	.02	.04	2	1
58+00E 4+75S	1	17	15	74	.1	42	13	606	3.06	10	5	ND	2	9	1	2	2	43	.10	.037	7	50	.41	102	.08	4	1.27	.02	.03	2	2
58+00E 5+00S	1	39	29	101	.1	53	16	349	3.79	18	5	ND	4	13	1	2	2	49	.20	.078	10	65	.65	150	.10	6	2.86	.02	.04	2	1
58+00E 5+25S	1	27	27	113	.1	64	17	546	4.22	17	5	ND	4	10	1	2	2	55	.15	.089	7	85	.68	128	.15	2	2.25	.03	.04	2	1
58+00E 5+50S	1	42	45	149	.1	127	26	732	5.13	15	5	ND	2	16	1	2	2	70	.31	.041	7	157	1.41	186	.13	6	2.51	.02	.04	2	2
58+00E 5+75S	1	34	58	173	.2	112	25	565	4.86	31	5	ND	4	11	1	2	2	65	.15	.057	9	138	1.25	175	.12	2	2.98	.02	.05	2	51
58+00E 6+00S	1	13	22	98	.3	33	11	437	3.10	19	5	ND	4	16	1	2	2	36	.29	.040	9	42	.38	142	.13	2	3.11	.02	.03	2	1
58+00E 6+25S	1	43	6	56	.6	10	1	91	.28	2	5	ND	1	123	1	4	2	8	6.13	.122	2	12	.42	202	.01	13	.31	.01	.02	1	1
58+00E 6+50S	1	24	21	120	.3	43	13	233	3.46	12	5	ND	7	11	1	2	2	45	.14	.031	15	51	.72	133	.07	2	1.82	.01	.05	2	1
58+00E 6+75S	1	13	7	37	.1	26	7	312	2.19	2	5	ND	2	9	1	2	2	35	.15	.085	4	35	.15	47	.10	5	2.16	.03	.02	1	1
58+00E 7+00S	1	15	14	60	.1	47	13	887	6.36	2	5	ND	4	7	1	2	2	55	.07	.115	5	83	.35	76	.14	5	4.40	.01	.03	1	1
58+00E 7+25S	1	30	28	105	.2	59	16	327	3.76	29	5	ND	4	11	1	2	2	45	.13	.087	8	68	.80	158	.09	2	2.58	.02	.04	2	138
58+00E 7+50S	1	16	22	88	.3	34	11	231	3.17	14	7	ND	5	12	1	2	2	44	.17	.047	13	41	.66	146	.09	2	2.16	.02	.05	2	1
58+00E 7+75S	1	11	27	77	.3	33	11	340	2.84	22	5	ND	3	8	1	2	2	37	.10	.078	5	33	.34	87	.11	2	2.44	.02	.04	2	2
58+00E 8+00S	1	9	17	73	.4	14	5	87	2.58	10	5	ND	3	9	1	2	2	38	.11	.053	5	19	.16	92	.10	2	3.05	.02	.03	2	2
58+00E 8+25S	1	66	2	56	1.2	19	7	1762	1.22	6	5	ND	1	89	1	3	2	18	4.29	.148	14	22	.54	365	.02	6	1.17	.02	.04	1	8
58+00E 8+50S	1	39	11	75	.5	28	11	825	2.93	8	5	ND	3	35	1	2	2	40	.88	.040	15	38	.77	180	.07	2	2.30	.03	.06	2	1
58+00E 8+75S	1	31	20	101	.1	38	18	219	3.25	22	5	ND	9	9	1	2	5	41	.13	.047	15	47	.67	122	.11	2	2.88	.02	.05	2	1
58+00E 9+00S	1	87	53	127	.3	112	31	812	5.53	48	5	ND	3	27	1	2	2	55	.82	.101	12	122	1.53	103	.07	2	1.71	.02	.05	2	16
58+00E 9+25S	1	34	24	79	.5	32	11	307	3.16	18	5	ND	6	23	1	2	2	30	.45	.074	17	34	.29	140	.15	2	4.43	.02	.04	2	1
58+00E 9+50S	1	21	21	140	.4	38	13	230	3.80	15	5	ND	5	17	1	2	2	47	.27	.060	11	54	.65	156	.10	5	4.12	.02	.05	2	1
58+00E 9+75S	1	31	21	103	.4	45	15	216	3.48	19	5	ND	4	12	1	3	2	44	.16	.052	11	55	.66	89	.07	2	1.70	.02	.03	2	1
58+00E 10+00S	1	22	18	93	.3	32	10	163	3.39	18	5	ND	4	10	1	2	2	48	.14	.044	9	45	.47	94	.08	3	1.41	.02	.04	2	1
58+00E 10+25S	1	7	15	75	.3	15	7	348	2.25	5	5	ND	3	10	1	2	2	36	.13	.072	7	23	.25	95	.08	3	1.46	.02	.05	2	1
58+00E 10+50S	1	12	16	106	.4	21	9	313	2.67	13	5	ND	3	11	1	2	2	38	.17	.091	8	29	.26	76	.08	2	1.95	.02	.04	2	2
58+50E 0+00S	1	167	205	375	.8	140	44	1257	8.00	85	5	ND	5	16	1	2	2	64	.31	.057	11	130	1.62	209	.10	5	2.15	.01	.05	4	23
59+00E 0+00S	1	55	97	244	.7	81	20	946	3.93	26	5	ND	4	29	1	2	3	44	.87	.041	12	87	.94	125	.08	2	2.23	.02	.05	3	3
59+00E 0+25S	1	24	54	195	.9	40	13	733	2.93	14	7	ND	3	17	1	2	2	37	.39	.039	6	56	.52	85	.11	5	2.58	.02	.03	2	1
59+00E 0+50S	1	65	70	165	.3	100	20	399	4.49	27	5	ND	6	11	1	2	2	60	.23	.020	14	137	1.80	76	.09	2	2.02	.01	.04	2	2
59+00E 0+75S	1	77	13	86	.6	27	8	501	1.76	5	5	ND	1	78	1	2	3	19	3.26	.090	7	40	.34	95	.03	2	1.54	.03	.03	2	1
59+00E 1+00S	1	22	15	159	.7	26	9	1188	2.21	6	5	ND	1	38	1	2	2	27	1.01	.045	7	30	.41	91	.09	3	2.34	.04	.04	2	1
STD C/AU-S	20	55	36	129	6.9	66	28	994	3.96	37	17	7	34	48	17	16	17	62	.48	.097	36	58	.88	177	.08	35	1.71	.06	.13	13	51

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mo	Ba	Ti	B	Al	Na	K	W	Au#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
59+00E 1+25S	1	90	55	201	.6	131	32	533	6.26	21	5	ND	6	33	1	2	2	58	.72	.038	10	109	1.34	211	.14	6	3.89	.03	.06	1	6
59+00E 1+50S	1	140	83	201	.6	109	36	1415	5.96	35	5	ND	4	36	1	2	2	60	.95	.039	18	114	1.61	195	.11	2	2.47	.02	.07	1	1
59+00E 1+75S	1	77	72	184	1.7	60	15	1381	2.82	14	5	ND	1	120	2	2	2	34	2.47	.081	7	61	.84	111	.04	2	1.77	.02	.03	1	1
59+00E 2+00S	1	86	114	287	.6	94	27	776	5.44	57	5	ND	3	21	1	2	2	58	.47	.055	11	103	1.22	157	.11	2	2.91	.02	.05	1	3
59+00E 2+25S	1	20	35	242	.2	63	19	253	4.51	29	5	ND	3	15	1	2	2	59	.26	.088	8	86	1.01	148	.14	5	3.49	.02	.03	1	1
59+00E 2+50S	1	19	35	104	.1	49	15	296	4.09	19	5	ND	1	16	1	2	2	56	.24	.032	10	73	.86	130	.15	2	2.85	.02	.02	1	1
59+00E 2+75S	1	25	35	164	.2	68	21	449	4.29	26	5	ND	3	11	1	2	2	56	.20	.050	9	91	.94	121	.14	2	2.69	.01	.03	1	1
59+00E 3+00S	1	73	121	229	.6	102	26	1207	5.26	49	5	ND	2	17	1	2	2	66	.26	.072	12	120	1.40	156	.11	2	2.43	.02	.04	1	8
59+00E 3+25S	1	47	141	186	.2	71	25	1411	5.06	69	5	ND	1	14	1	2	2	51	.21	.076	10	69	.70	123	.10	2	2.57	.02	.03	1	16
59+00E 3+50S	3	89	242	354	.1	107	43	658	8.61	169	5	ND	6	17	1	2	2	67	.26	.092	13	93	1.15	237	.11	4	3.76	.02	.06	1	17
59+00E 3+75S	1	41	52	182	.1	49	16	498	3.98	45	5	ND	3	11	1	2	2	50	.17	.050	12	51	.67	138	.10	2	2.27	.02	.04	1	4
59+00E 4+00S	1	9	22	119	.1	23	9	178	3.40	20	5	ND	2	12	1	2	2	41	.19	.064	6	27	.25	98	.15	3	4.29	.02	.02	1	1
59+00E 4+25S	1	48	47	142	.1	88	22	574	4.58	31	5	ND	4	17	1	2	2	50	.25	.088	8	81	.96	129	.12	3	3.22	.02	.05	1	1
59+00E 4+50S	1	43	14	203	.1	112	28	304	4.78	34	5	ND	2	14	1	2	2	38	.20	.043	8	56	.28	118	.06	2	2.11	.02	.04	1	1
59+00E 4+75S	1	44	27	103	.1	68	12	951	3.11	14	5	ND	4	23	1	2	3	35	.44	.044	15	37	.55	119	.14	2	3.55	.04	.05	1	5
59+00E 5+00S	1	24	25	126	.1	39	12	600	3.09	15	5	ND	2	10	1	2	2	37	.13	.084	6	33	.39	105	.13	2	3.38	.03	.04	1	1
59+00E 5+25S	1	7	19	66	.2	22	8	630	2.39	13	5	ND	1	10	1	2	2	41	.13	.036	3	27	.24	72	.10	2	1.24	.03	.02	1	3
59+00E 5+50S	1	23	23	106	.1	247	40	312	5.47	24	5	ND	1	10	1	2	2	53	.13	.042	9	219	.74	86	.10	5	2.34	.02	.04	1	1
59+00E 5+75S	1	17	22	150	.1	42	12	256	4.54	20	5	ND	4	12	1	2	3	68	.18	.043	14	58	.79	116	.12	3	2.42	.01	.04	1	1
59+00E 6+00S	1	21	41	112	.2	53	19	769	4.43	31	5	ND	2	12	1	2	2	47	.15	.109	7	51	.45	94	.13	3	3.36	.02	.03	1	2
59+00E 6+25S	1	24	20	72	.3	27	9	1146	2.65	18	5	ND	1	26	1	2	2	35	.72	.045	11	27	.31	130	.10	2	2.72	.05	.03	1	3
59+00E 6+50S	1	23	9	56	1.0	21	6	264	2.35	17	5	ND	1	26	1	2	2	26	.75	.034	13	22	.23	115	.12	5	3.71	.03	.02	1	1
59+00E 6+75S	1	27	30	188	.2	35	13	180	4.35	17	5	ND	5	26	1	2	2	53	.49	.030	15	40	.56	269	.07	2	2.73	.03	.05	1	7
59+00E 7+00S	1	13	22	77	.1	29	9	116	3.82	14	5	ND	2	12	1	2	2	48	.19	.038	7	39	.29	106	.11	3	2.15	.02	.04	1	1
59+00E 7+25S	1	17	28	107	.1	42	15	261	4.24	19	5	ND	2	13	1	2	2	58	.17	.068	8	57	.57	139	.14	2	3.61	.02	.03	1	3
59+00E 7+50S	1	70	13	55	1.3	22	7	1111	2.04	16	5	ND	1	38	1	2	2	27	1.11	.092	15	34	.34	198	.06	5	2.59	.05	.02	1	4
59+00E 7+75S	1	22	30	80	.1	34	10	145	3.69	26	5	ND	3	12	1	2	2	45	.18	.046	7	44	.49	111	.09	2	2.77	.02	.03	1	9
59+00E 8+00S	1	23	22	113	.1	44	12	206	4.00	21	5	ND	4	12	1	2	2	58	.14	.037	16	52	.75	181	.09	2	2.71	.02	.05	2	16
59+00E 8+25S	1	15	23	121	.3	43	13	460	3.54	16	5	ND	3	15	1	2	2	48	.22	.046	9	52	.54	156	.10	2	3.16	.02	.05	1	1
59+00E 8+50S	1	15	32	121	.6	15	7	167	2.47	33	5	ND	3	17	1	2	2	33	.25	.054	9	24	.23	101	.10	3	2.80	.04	.03	1	1
59+00E 8+75S	1	17	18	87	.1	23	9	249	2.36	11	5	ND	2	21	1	2	2	31	.39	.050	12	26	.35	109	.11	2	2.61	.04	.03	1	1
59+00E 9+00S	1	68	51	113	.1	81	27	1073	5.64	53	5	ND	4	30	1	2	2	53	.62	.072	19	85	1.10	192	.10	4	2.05	.03	.06	1	1
59+00E 9+25S	1	19	17	139	.1	40	14	316	4.03	15	5	ND	6	14	1	2	2	53	.20	.053	18	53	.93	215	.09	2	3.02	.02	.09	1	1
59+00E 9+50S	1	36	25	153	.9	51	16	397	3.86	17	7	ND	11	18	1	2	2	48	.34	.070	13	50	.73	267	.12	4	4.20	.02	.12	1	1
59+00E 9+75S	1	17	68	137	.5	34	15	467	3.35	23	5	ND	6	11	1	2	2	43	.16	.160	13	38	.57	125	.10	4	3.39	.02	.06	1	1
59+00E 10+00S	1	11	20	95	.3	27	8	167	3.11	18	5	ND	3	17	1	2	2	44	.27	.160	9	34	.39	97	.12	3	3.16	.02	.04	1	2
STD C/AU-S	20	58	42	127	7.0	67	29	968	3.94	41	19	7	33	46	16	15	20	60	.48	.094	34	54	.88	170	.08	36	1.71	.06	.13	13	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
59+50E 0+00S	1	124	104	269	.5	112	29	1098	5.84	31	5	ND	4	24	1	2	2	56	.65	.054	13	110	1.37	204	.11	5	2.55	.02	.05	1	3
60+00E 2+25S	1	43	39	159	.3	69	20	694	3.81	32	5	ND	2	8	1	2	2	43	.17	.094	6	80	.91	85	.10	4	1.90	.01	.03	1	2
60+00E 2+50S	1	76	9	50	.6	29	8	1280	1.53	6	5	ND	1	104	1	2	2	26	4.06	.129	6	25	.31	351	.03	9	1.10	.02	.01	1	1
60+00E 2+75S	1	14	19	70	.6	23	8	129	3.31	14	5	ND	2	15	1	3	2	48	.29	.037	6	44	.30	138	.14	5	3.34	.02	.02	1	1
60+00E 3+00S	1	25	39	170	.4	44	18	515	3.70	27	5	ND	3	9	1	3	2	38	.10	.092	7	52	.49	126	.12	4	3.96	.02	.02	1	2
60+00E 3+25S	1	24	32	175	.3	54	20	649	4.23	29	5	ND	3	12	1	2	3	47	.18	.073	6	68	.65	99	.10	4	3.08	.01	.03	1	3
60+00E 3+50S	1	27	48	173	.6	53	17	303	4.26	52	5	ND	3	10	1	2	2	50	.14	.079	4	62	.61	84	.11	5	2.55	.02	.03	1	3
60+00E 3+75S	1	23	14	94	.9	36	9	836	2.75	16	5	ND	3	22	1	3	4	30	.57	.072	13	39	.41	169	.15	5	4.31	.03	.02	1	2
60+00E 4+00S	1	34	24	147	.3	49	15	984	3.67	20	5	ND	4	10	1	2	2	43	.12	.110	7	50	.58	137	.10	6	3.04	.02	.04	1	1
60+00E 4+25S	1	9	16	54	.3	11	5	401	2.13	13	5	ND	1	5	1	2	2	32	.06	.097	4	14	.14	47	.09	4	1.33	.02	.03	1	1
60+00E 4+50S	1	48	43	141	.1	49	20	889	4.37	46	5	ND	3	10	1	2	2	51	.14	.051	9	53	.57	132	.07	6	2.09	.01	.03	1	5
60+00E 4+75S	1	37	60	130	.2	56	18	572	4.30	44	5	ND	3	12	1	2	2	53	.22	.048	4	61	.59	95	.07	3	1.62	.02	.03	1	24
60+00E 5+00S	1	139	39	185	.1	202	52	253	7.73	99	5	ND	2	16	1	2	2	54	.10	.068	6	137	1.07	151	.03	5	2.70	.01	.03	1	13
60+00E 5+25S	1	18	23	72	.3	33	10	178	2.91	17	5	ND	2	11	1	2	2	39	.14	.065	4	33	.26	69	.10	5	2.14	.02	.02	1	260
60+00E 5+50S	1	54	31	103	.2	76	17	354	3.79	24	5	ND	3	24	1	2	2	39	.50	.047	12	71	.94	79	.11	7	2.17	.02	.03	1	1
60+00E 5+75S	1	54	45	102	.6	63	15	538	3.62	16	5	ND	3	31	1	2	2	38	.68	.041	16	53	.63	91	.10	7	2.66	.03	.03	1	6
60+00E 6+00S	1	16	19	112	.4	55	16	160	4.06	14	5	ND	2	16	1	2	2	49	.27	.039	6	60	.52	88	.09	5	2.42	.03	.02	1	1
60+00E 6+25S	1	23	17	90	.5	46	11	691	3.03	13	5	ND	2	22	1	2	2	41	.44	.037	8	50	.60	129	.10	2	2.51	.03	.03	1	1
60+00E 6+50S	1	37	28	100	.6	58	15	398	3.94	24	6	ND	5	19	1	2	2	42	.36	.068	13	59	.60	159	.15	6	4.31	.03	.04	1	1
60+00E 6+75S	1	29	18	91	1.4	35	9	453	2.78	19	5	ND	3	16	1	2	2	30	.26	.058	10	33	.28	134	.14	6	3.78	.04	.03	1	1
60+00E 7+00S	1	98	2091	422	2.2	85	21	994	4.64	143	5	ND	4	30	1	2	2	49	.70	.069	12	81	.95	250	.09	5	2.99	.02	.04	1	39
60+00E 7+25S	1	79	63	82	1.0	46	13	351	2.98	32	5	ND	1	33	1	2	2	36	.86	.048	10	48	.50	189	.08	6	2.55	.03	.02	1	5
60+00E 7+50S	1	65	11	59	.5	22	6	407	1.88	7	5	ND	1	26	1	2	2	35	.60	.054	12	16	.21	63	.08	5	1.88	.05	.02	1	2
60+00E 7+75S	1	21	18	130	.2	25	12	331	3.85	17	6	ND	6	13	1	3	2	47	.18	.096	10	38	.55	150	.10	3	3.33	.02	.05	1	1
60+00E 8+00S	1	10	21	74	.3	29	11	236	3.04	16	5	ND	2	14	1	2	2	42	.20	.085	4	46	.41	77	.08	2	2.55	.02	.03	1	1
60+00E 8+25S	1	32	38	91	.1	49	12	217	3.51	37	5	ND	5	10	1	2	2	46	.11	.091	11	61	.72	118	.11	4	3.17	.02	.03	1	3
60+00E 8+50S	1	31	12	84	.3	25	10	2713	2.49	9	5	ND	1	83	1	2	2	24	3.05	.145	9	31	.65	292	.03	7	1.45	.02	.04	1	1
60+00E 8+75S	1	34	37	130	.3	58	18	300	3.90	31	5	ND	5	19	1	2	2	44	.46	.069	11	61	.69	151	.11	6	3.47	.02	.04	1	2
60+00E 9+00S	1	24	32	170	.3	59	18	256	4.48	36	5	ND	3	18	1	3	2	49	.33	.081	9	73	.69	155	.11	4	3.31	.02	.04	1	3
61+00E 3+75S	1	18	13	141	.9	22	10	168	3.91	16	8	ND	3	14	1	2	2	48	.30	.183	9	36	.45	128	.11	4	4.13	.01	.04	1	2
61+00E 4+00S	1	44	60	148	.4	46	14	228	4.77	42	5	ND	4	7	1	2	2	52	.10	.046	8	61	.80	72	.07	2	1.85	.01	.03	1	8
61+00E 4+25S	1	16	24	80	.3	25	8	110	3.09	13	5	ND	2	23	1	2	2	35	.64	.027	9	30	.28	78	.09	5	3.42	.02	.02	1	1
61+00E 4+50S	1	51	24	265	.9	75	15	1042	3.25	20	8	ND	3	24	2	2	2	32	.63	.056	12	45	.50	66	.13	4	3.23	.02	.03	1	5
61+00E 4+75S	1	13	26	72	.1	33	14	337	3.07	22	5	ND	2	9	1	3	2	35	.11	.091	4	40	.21	65	.13	4	3.82	.02	.02	1	2
61+00E 5+00S	1	12	15	72	.2	19	8	255	3.60	16	5	ND	4	7	1	2	2	52	.08	.163	6	33	.36	74	.11	5	2.48	.02	.03	1	1
61+00E 5+25S	2	36	35	72	1.8	57	15	444	3.38	30	41	3	9	22	1	27	6	38	.48	.053	6	66	.71	107	.11	9	3.15	.03	.10	9	1
STD C/AU-S	20	57	38	130	6.9	70	28	1002	3.96	39	20	7	32	48	17	15	19	62	.48	.099	37	57	.88	178	.08	35	1.71	.07	.12	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	Au1 PPB
61+00E 5+50S	1	13	20	68	.1	22	9	155	3.25	10	5	ND	1	10	1	2	2	48	.13	.045	5	38	.31	76	.10	2	2.84	.02	.02	1	2
61+00E 5+75S	1	38	29	119	.2	44	13	452	3.44	12	5	ND	7	16	1	3	2	37	.22	.070	13	37	.40	164	.14	2	4.45	.02	.05	1	3
61+00E 6+00S	1	17	26	68	.1	31	11	145	3.39	13	5	ND	2	9	1	2	2	45	.11	.076	6	42	.41	61	.12	4	3.28	.03	.02	1	13
61+00E 6+25S	1	21	16	85	.5	29	9	917	2.58	14	5	ND	3	21	1	2	2	36	.35	.066	12	26	.39	125	.11	6	2.96	.04	.04	1	1
61+00E 6+50S	1	49	34	92	.4	53	14	312	3.51	18	5	ND	3	17	1	2	2	43	.28	.072	14	60	.59	111	.13	3	3.48	.03	.03	1	29
61+00E 6+75S	1	36	11	60	.9	15	5	286	1.88	7	5	ND	1	31	1	2	2	33	.69	.062	16	16	.26	91	.08	2	2.12	.05	.02	1	1
61+00E 7+00S	1	14	8	76	.2	7	4	189	1.57	7	5	ND	1	22	1	2	2	24	.43	.039	6	8	.14	80	.09	3	2.01	.05	.01	1	1
61+00E 7+25S	1	103	21	76	.9	38	9	953	2.11	15	5	ND	1	43	1	2	2	26	1.23	.083	13	28	.42	185	.05	4	2.21	.04	.03	1	17
61+00E 7+50S	1	15	37	108	.2	24	12	247	3.89	30	5	ND	1	11	1	3	2	35	.17	.076	6	31	.22	107	.12	2	3.62	.02	.01	1	2
61+00E 7+75S	1	41	76	134	.9	39	11	1543	2.96	33	5	ND	1	21	1	2	2	35	.47	.074	13	24	.35	127	.13	4	3.00	.04	.03	1	1
61+00E 8+00S	1	25	25	112	.6	31	11	320	3.42	20	5	ND	4	22	1	2	2	39	.58	.071	14	34	.37	167	.14	6	4.50	.02	.03	1	1
61+00E 8+25S	1	43	155	265	.1	66	21	437	5.61	250	5	ND	2	11	1	2	2	57	.14	.050	12	67	.79	108	.08	2	2.15	.01	.04	1	6
61+00E 8+50S	1	11	13	43	.3	7	4	88	2.43	6	5	ND	1	11	1	2	2	37	.16	.029	6	17	.15	48	.11	2	2.27	.03	.02	1	2
61+00E 8+75S	1	36	37	110	.3	47	16	577	3.79	32	5	ND	5	15	1	2	2	48	.22	.063	16	58	.89	144	.10	2	2.41	.02	.06	1	10
62+00E 4+25S	1	88	113	193	.2	92	29	1266	5.05	61	5	ND	3	19	1	2	2	51	.67	.083	13	89	1.19	155	.09	3	2.18	.01	.04	1	30
62+00E 4+50S	1	27	19	121	.4	65	16	400	3.88	18	5	ND	3	11	1	2	2	52	.16	.124	13	94	1.21	94	.08	2	2.09	.01	.04	1	1
62+00E 4+75S	1	45	35	115	.4	63	17	504	3.25	13	5	ND	2	36	1	3	2	40	.90	.065	13	87	1.14	112	.06	2	1.60	.01	.04	1	3
62+00E 5+00S	1	48	21	185	2.0	30	8	1349	2.20	11	5	ND	1	62	1	2	2	26	2.27	.074	5	43	.62	159	.05	5	1.65	.02	.03	1	2
62+00E 5+25S	1	16	20	50	.2	14	4	1073	1.87	8	5	ND	1	14	1	2	2	28	.31	.073	9	16	.21	81	.10	4	2.00	.03	.02	1	1
62+00E 5+50S	1	29	32	169	.3	60	19	256	4.32	25	5	ND	5	16	1	2	2	53	.22	.046	13	75	.98	140	.09	2	2.88	.01	.03	1	3
62+00E 5+75S	1	13	33	122	.2	30	13	221	4.81	29	5	ND	3	9	1	2	2	55	.11	.100	5	51	.35	90	.14	2	3.44	.02	.02	1	1
62+00E 6+00S	1	49	25	162	.2	98	26	531	5.25	32	5	ND	4	22	1	2	2	65	.35	.049	12	118	1.43	215	.08	2	3.02	.01	.05	1	1
62+00E 6+25S	1	18	14	69	.6	33	9	264	2.87	17	5	ND	5	22	1	3	3	32	.49	.064	14	35	.44	118	.15	4	4.23	.03	.04	1	1
62+00E 6+50S	1	14	19	131	.6	27	8	442	2.74	11	5	ND	2	29	1	2	2	30	.64	.035	12	30	.45	136	.11	2	3.08	.04	.03	1	2
62+00E 6+75S	1	24	13	68	.8	15	6	313	2.07	6	5	ND	1	38	1	2	2	29	.93	.056	10	17	.34	138	.08	5	2.30	.05	.03	1	1
62+00E 7+00S	1	29	22	130	.3	27	8	203	2.77	8	5	ND	4	32	1	2	2	35	.74	.028	16	30	.54	201	.05	4	1.94	.02	.04	1	1
62+00E 7+25S	1	28	15	57	.6	13	7	348	2.02	12	5	ND	1	24	1	2	2	30	.51	.044	10	16	.18	127	.08	2	2.41	.05	.02	1	2
63+00E 4+50S	1	85	85	195	.5	111	30	1189	5.43	85	9	ND	5	67	1	2	2	53	5.34	.090	11	114	1.98	136	.09	3	1.62	.01	.06	1	28
63+00E 4+75S	1	23	34	114	.3	52	14	196	4.03	29	5	ND	2	15	1	2	2	52	.23	.058	7	68	.69	92	.11	6	2.40	.01	.03	1	1
63+00E 5+00S	1	41	51	160	.6	75	21	284	4.75	37	5	ND	5	13	1	2	2	52	.18	.060	10	81	1.04	169	.08	3	2.88	.01	.04	1	1
63+00E 5+25S	1	13	23	77	.5	28	10	312	2.68	15	5	ND	2	7	1	3	2	35	.09	.073	4	35	.29	60	.07	4	2.07	.02	.02	1	5
63+00E 5+50S	1	15	25	158	.2	33	10	183	3.75	14	5	ND	3	15	1	2	2	48	.23	.029	10	50	.60	141	.10	4	2.52	.01	.02	1	1
63+00E 5+75S	1	70	9	59	.5	16	6	804	1.16	2	5	ND	1	72	1	2	2	20	2.68	.140	8	32	.31	136	.03	6	1.23	.03	.01	1	1
63+00E 6+00S	1	29	17	106	.9	17	6	187	2.20	11	5	ND	2	29	1	2	2	23	.77	.059	13	20	.24	170	.12	3	3.49	.03	.03	1	2
63+00E 6+25S	1	20	17	78	.6	23	8	224	2.75	23	5	ND	2	20	1	2	2	36	.38	.050	5	28	.25	118	.09	2	2.95	.05	.02	1	1
63+00E 6+50S	1	14	10	67	.6	13	5	350	1.90	8	5	ND	1	21	1	2	2	30	.41	.047	7	12	.20	90	.10	6	2.14	.05	.02	1	1
STD C/AU-S	21	56	42	129	6.9	67	29	996	3.95	41	20	8	33	47	16	15	22	62	.48	.098	38	58	.88	176	.08	33	1.72	.06	.13	12	52

SAMPLE#	Mo	Cu	Pb	Zn	As	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	F	Al	Na	K	W	Aut
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	%	PPM	PPB
64+00E 4+75S	1	35	13	78	1.0	37	10	1325	2.38	13	5	ND	3	27	1	2	2	27	.51	.035	13	40	.56	182	.11	4	3.08	.04	.05	1	1
64+00E 5+00S	1	9	15	95	.3	20	5	105	3.06	9	5	ND	3	15	1	2	2	47	.23	.089	6	33	.38	86	.10	3	3.12	.02	.02	1	1
64+00E 5+25S	1	12	26	94	.2	34	10	196	3.42	24	5	ND	2	6	1	2	2	42	.07	.058	4	38	.36	59	.10	5	1.99	.02	.02	1	1
64+00E 5+50S	1	41	44	168	.2	101	25	309	5.06	38	5	ND	2	11	1	2	2	53	.18	.077	7	92	1.01	120	.09	2	2.66	.01	.03	1	2
78+00E 5+00S	1	19	62	179	.5	66	16	425	3.91	78	5	ND	2	9	1	2	2	40	.11	.097	5	38	.32	130	.09	5	2.33	.02	.03	1	1
78+00E 5+25S	1	13	38	226	.6	41	12	887	3.17	38	5	ND	1	9	1	2	2	31	.12	.080	2	27	.20	112	.10	3	2.66	.02	.03	1	1
78+00E 5+50S	1	11	81	159	.9	29	14	474	3.50	76	5	ND	1	10	1	2	2	35	.15	.096	3	27	.16	75	.09	3	2.32	.02	.02	1	88
78+00E 5+75S	1	89	124	569	.7	85	20	1080	4.34	69	6	ND	1	43	2	2	2	37	1.19	.106	7	81	.90	184	.04	3	1.68	.02	.03	1	11
78+00E 6+00S	1	10	36	146	.3	23	10	529	3.11	38	5	ND	2	11	1	2	2	34	.16	.128	3	26	.17	98	.11	4	3.12	.02	.03	1	1
78+00E 6+25S	1	6	25	96	.3	19	8	556	2.14	21	5	ND	1	11	1	2	2	27	.17	.088	3	16	.11	83	.08	6	2.20	.02	.03	1	1
78+00E 6+50S	1	55	67	194	.3	86	21	277	4.20	69	5	ND	1	9	1	2	2	36	.10	.068	5	44	.38	144	.08	4	2.51	.02	.03	1	10
78+00E 6+75S	1	39	50	222	.4	78	20	340	4.87	63	5	ND	2	14	1	2	2	53	.25	.091	8	84	.87	250	.12	4	3.16	.02	.05	1	1
78+00E 7+00S	1	27	30	102	.7	47	13	344	4.01	44	7	ND	3	8	1	2	2	45	.11	.113	9	53	.57	124	.10	4	2.69	.01	.05	1	1
78+00E 7+25S	1	16	41	121	.2	47	14	154	4.28	52	5	ND	2	12	1	2	2	48	.24	.171	8	57	.44	102	.10	6	3.41	.02	.03	1	1
78+00E 7+50S	1	10	13	79	.6	19	6	95	2.48	10	5	ND	3	9	1	3	2	35	.12	.065	7	23	.23	86	.10	3	2.57	.02	.04	1	1
78+00E 7+75S	1	17	20	60	.2	23	9	149	1.95	10	5	ND	2	8	1	2	2	25	.14	.018	7	22	.24	72	.07	3	1.26	.02	.03	1	2
78+00E 8+00S	1	34	23	75	.4	42	10	581	2.72	15	7	ND	1	51	1	2	2	29	1.54	.076	12	45	.74	189	.05	5	1.44	.02	.06	1	1
78+00E 8+25S	1	26	23	80	.4	54	15	259	3.46	31	5	ND	4	11	1	2	2	39	.16	.076	15	50	.53	108	.11	2	2.25	.01	.04	1	2
79+00E 5+00S	1	23	37	132	.7	53	12	671	3.03	45	5	ND	1	11	1	2	2	30	.19	.102	5	29	.25	140	.07	4	1.98	.02	.03	1	1
79+00E 5+25S	1	56	148	307	.6	70	20	1270	4.69	113	5	ND	1	21	1	2	2	37	.52	.060	4	51	.57	151	.07	2	2.08	.02	.04	1	11
79+00E 5+50S	1	82	122	209	.7	89	26	972	4.95	134	5	ND	5	23	1	2	3	45	.66	.094	16	80	1.28	143	.08	3	1.55	.02	.06	1	53
79+00E 5+75S	1	31	51	234	.4	102	24	419	4.73	37	5	ND	1	10	1	2	2	66	.19	.058	4	145	1.32	110	.13	2	2.27	.01	.03	1	1
79+00E 6+00S	1	7	26	88	.7	12	8	267	3.40	27	5	ND	2	10	1	2	2	48	.12	.234	2	23	.11	69	.17	2	4.28	.02	.02	1	2
79+00E 6+25S	1	27	26	199	.5	45	14	1686	3.48	28	5	ND	4	25	1	2	2	42	.56	.035	13	44	.85	251	.09	5	2.37	.03	.07	1	1
79+00E 6+50S	1	12	22	86	.4	22	8	189	2.64	14	5	ND	2	10	1	2	2	36	.14	.099	6	39	.32	99	.08	5	2.10	.02	.03	1	1
79+00E 6+75S	1	24	13	98	1.0	34	8	264	2.56	25	5	ND	2	24	1	2	2	29	.61	.046	11	29	.41	172	.11	2	3.09	.03	.05	1	2
79+00E 7+00S	1	5	5	71	.3	10	6	488	1.53	5	5	ND	1	10	1	2	2	24	.14	.081	3	12	.09	60	.08	6	1.95	.03	.01	1	1
79+00E 7+25S	1	15	23	104	.1	30	10	194	2.84	18	5	ND	2	9	1	2	2	38	.11	.035	6	33	.35	86	.09	3	1.38	.02	.02	1	1
79+00E 7+50S	1	24	18	62	.3	29	9	364	2.29	14	5	ND	2	71	1	2	2	25	2.53	.051	5	34	.56	183	.04	6	.97	.01	.03	1	1
79+00E 7+75S	1	18	12	60	.1	35	9	194	2.53	10	5	ND	4	10	1	2	2	33	.15	.091	12	44	.48	65	.09	2	1.52	.01	.03	1	2
79+00E 8+00S	1	20	29	67	.5	44	17	151	3.41	17	5	ND	5	10	1	2	2	37	.13	.089	6	46	.37	87	.12	2	3.38	.02	.05	2	1
79+00E 8+25S	1	13	11	81	.3	26	9	158	2.44	11	5	ND	2	11	1	2	2	34	.13	.071	7	23	.28	116	.11	4	2.81	.03	.04	1	1
79+00E 8+50S	1	12	18	74	.1	44	11	282	3.10	13	5	ND	1	12	1	2	2	47	.23	.081	9	61	.61	92	.12	2	2.26	.02	.03	1	1
79+00E 8+75S	1	37	27	99	.5	71	16	1135	3.83	20	5	ND	5	31	1	2	2	43	.47	.029	15	77	.88	335	.13	3	2.81	.03	.06	1	1
79+00E 9+00S	1	7	13	70	.4	14	6	120	1.73	3	5	ND	2	12	1	2	2	27	.21	.063	7	18	.21	96	.08	6	1.76	.03	.03	1	1
79+00E 9+25S	1	49	11	78	.5	38	10	1193	2.57	7	5	ND	3	36	1	2	2	24	.71	.044	14	28	.43	224	.12	4	2.82	.04	.06	1	2
STD C/AU-S	20	58	38	130	6.7	70	29	1001	3.95	39	17	7	32	48	16	15	19	62	.48	.101	35	58	.88	177	.08	33	1.72	.07	.13	13	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 %	K PPM	Al %	Na %	Mg %	W PPM	Aut PPM
80+00E 5+00S	2	75	162	283	.1	110	35	1863	9.89	187	5	ND	3	11	1	2	6	61	.11	.094	6	92	.79	176	.05	9	1.38	.01	.03	1	17
80+00E 5+25S	1	41	83	244	.2	75	21	566	5.42	91	5	ND	1	8	1	2	5	46	.09	.127	6	71	.59	93	.08	2	2.52	.01	.02	1	9
80+00E 5+50S	1	38	41	141	.6	59	14	281	4.09	45	5	ND	6	22	1	2	3	44	.47	.044	14	60	.67	271	.11	4	3.30	.02	.05	1	5
80+00E 5+75S	1	36	47	75	1.4	32	11	338	2.87	63	5	ND	2	31	1	3	3	23	.88	.056	10	32	.39	158	.10	7	3.08	.03	.03	2	13
80+00E 6+00S	1	16	18	102	.6	21	7	231	2.21	20	5	ND	2	25	1	2	2	26	.65	.038	10	19	.28	153	.10	7	2.74	.03	.03	1	1
80+00E 6+25S	1	60	29	85	.7	70	15	575	3.05	14	5	ND	1	46	1	2	4	34	1.28	.075	9	99	1.00	241	.06	5	2.27	.02	.04	1	2
80+00E 6+50S	1	80	16	71	.7	46	10	939	1.89	10	5	ND	1	61	1	2	2	24	2.08	.087	9	56	.60	206	.04	7	1.59	.02	.03	1	1
80+00E 6+75S	1	49	14	83	.5	27	8	663	2.15	9	5	ND	1	46	1	2	3	28	1.17	.058	8	28	.41	155	.07	2	1.90	.04	.03	1	1
80+00E 7+00S	1	17	19	118	.3	41	14	255	3.60	18	5	ND	3	17	1	2	3	50	.26	.048	10	52	.59	169	.12	5	2.68	.02	.05	1	1
80+00E 7+25S	1	22	14	89	.2	30	10	232	2.86	13	5	ND	4	18	1	2	2	37	.34	.101	9	35	.34	129	.11	2	3.33	.02	.04	1	1
80+00E 7+50S	1	19	14	61	.3	33	9	284	2.70	13	5	ND	3	21	1	2	3	34	.41	.065	6	41	.33	106	.09	7	2.92	.03	.04	1	2
80+00E 7+75S	1	13	9	70	.1	21	9	155	2.64	13	5	ND	4	11	1	2	4	35	.16	.187	9	26	.33	78	.14	3	3.37	.02	.04	1	1
80+00E 8+00S	1	5	13	60	.1	11	6	121	2.22	14	5	ND	2	10	1	3	2	34	.14	.197	3	18	.13	69	.12	2	2.61	.02	.02	1	1
80+00E 8+25S	1	22	9	57	.1	33	11	156	2.52	12	5	ND	4	18	1	2	2	34	.23	.037	10	37	.50	134	.09	3	1.80	.03	.03	1	1
80+00E 8+50S	1	14	20	97	.1	31	10	157	2.86	15	5	ND	3	15	1	2	2	40	.20	.091	9	41	.47	134	.09	4	2.16	.02	.03	1	1
80+00E 8+75S	1	16	15	57	.2	29	9	164	3.01	16	5	ND	3	21	1	2	2	37	.40	.139	11	34	.38	135	.12	5	3.38	.03	.04	1	1
80+00E 9+00S	1	43	26	90	.1	81	19	388	3.97	26	5	ND	5	20	1	2	3	53	.31	.035	23	110	1.33	92	.13	8	1.75	.01	.07	1	2
80+00E 9+25S	1	24	16	102	.2	55	16	293	3.22	12	5	ND	5	12	1	2	3	44	.19	.090	18	74	.86	115	.10	4	2.16	.01	.05	1	1
80+00E 9+50S	1	19	16	109	.2	33	12	401	2.93	13	5	ND	4	12	1	2	5	44	.16	.095	12	45	.55	167	.09	3	2.21	.02	.05	1	1
80+00E 9+75S	1	13	18	83	.4	26	10	157	2.97	12	5	ND	4	15	1	2	4	38	.20	.108	9	36	.42	143	.11	4	3.20	.02	.04	1	1
80+00E 10+00S	1	30	11	53	.7	23	6	496	1.94	7	5	ND	2	31	1	2	2	23	.61	.037	18	28	.32	205	.09	4	2.44	.04	.04	1	1
80+00E 10+25S	1	29	19	86	.1	44	13	301	3.33	14	5	ND	2	36	1	2	2	36	.71	.039	12	51	.75	267	.09	2	2.69	.03	.04	1	3
80+00E 10+50S	1	33	18	72	.7	31	8	368	2.20	9	5	ND	2	39	1	2	2	28	.68	.049	9	29	.38	205	.10	2	2.52	.05	.04	1	1
81+00E 5+25S	1	47	36	148	.4	49	16	1349	3.39	55	5	ND	4	38	1	2	3	40	1.04	.096	12	48	.67	300	.08	8	1.92	.07	.12	1	1
81+00E 5+50S	1	10	14	60	.2	16	7	130	2.45	13	5	ND	3	12	1	2	2	30	.14	.157	5	24	.22	66	.13	2	3.99	.02	.02	1	1
81+00E 5+75S	1	7	10	50	.1	10	8	200	2.58	8	5	ND	2	14	1	3	3	41	.16	.120	3	20	.15	30	.11	3	2.33	.03	.02	2	1
81+00E 6+00S	1	50	45	97	.1	102	22	341	4.50	28	5	ND	6	16	1	2	3	61	.27	.063	14	133	1.60	90	.15	3	1.98	.01	.04	1	3
81+00E 6+25S	1	33	27	81	.6	59	14	419	3.49	34	5	ND	5	21	1	2	4	38	.41	.044	13	62	.68	230	.14	2	3.48	.03	.05	1	1
81+00E 6+50S	1	43	13	85	.6	33	11	795	2.89	17	5	ND	1	46	1	2	4	34	1.12	.055	11	35	.51	232	.05	7	1.93	.02	.05	1	1
81+00E 6+75S	1	11	17	92	.3	31	9	152	3.36	18	5	ND	3	12	1	2	3	47	.17	.085	8	48	.50	77	.10	3	1.86	.01	.04	1	2
81+00E 7+00S	1	23	17	96	.2	50	13	192	3.82	19	5	ND	4	20	1	2	3	47	.36	.061	11	63	.72	168	.12	3	3.40	.02	.04	1	1
81+00E 7+25S	1	18	18	104	.2	55	15	248	3.78	17	5	ND	3	14	1	2	2	51	.20	.124	9	73	.79	116	.10	7	2.26	.01	.04	1	1
81+00E 7+50S	1	22	32	88	.2	39	13	267	4.31	22	5	ND	5	8	1	2	2	50	.10	.118	11	64	.74	61	.09	2	1.89	.01	.04	1	1
81+00E 7+75S	1	29	15	66	.6	25	8	1049	2.16	8	5	ND	1	41	1	2	2	30	.81	.047	13	24	.42	158	.08	6	2.13	.04	.04	1	1
81+00E 8+00S	1	50	8	37	.6	11	3	292	1.21	6	5	ND	1	70	1	2	2	21	1.87	.094	13	11	.25	139	.03	2	1.42	.04	.02	1	1
81+00E 8+25S	1	125	17	91	1.4	42	11	1517	1.86	8	8	ND	1	89	1	2	2	25	2.57	.088	25	38	.51	270	.04	3	1.76	.02	.04	1	1
STD C/AU-S	21	57	40	133	6.8	68	30	1017	3.96	43	18	7	33	49	17	16	19	63	.47	.099	36	58	.88	183	.08	34	1.72	.07	.13	14	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	Pi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au PPB
81+00E 8+50E	1	61	20	74	.4	47	9	648	2.66	9	6	ND	1	112	1	2	2	32	2.13	.124	16	61	.76	244	.04	4	2.12	.03	.05	1	1
81+00E 8+75S	1	34	14	55	.6	28	6	204	2.43	10	5	ND	2	32	1	2	2	26	.58	.045	15	31	.31	181	.11	3	2.74	.04	.05	1	1
81+00E 9+00S	1	69	11	60	.4	25	8	371	2.52	8	5	ND	1	52	1	2	2	35	1.27	.055	20	25	.36	275	.08	5	2.45	.04	.05	1	1
81+00E 9+25S	1	24	30	67	.5	31	8	588	2.64	11	5	ND	2	36	1	2	2	35	.73	.049	12	31	.44	212	.09	2	2.30	.06	.05	1	1
81+00E 9+50S	1	31	14	65	.1	32	9	478	2.72	9	5	ND	3	27	1	2	2	32	.55	.031	17	39	.60	186	.09	7	1.90	.03	.05	1	1
81+00E 9+75S	1	30	6	64	.1	26	7	572	2.52	4	5	ND	4	26	1	2	2	30	.51	.032	15	28	.44	217	.12	5	2.69	.04	.05	1	1
81+00E 10+00S	1	120	61	146	.1	190	37	592	7.03	21	5	ND	4	23	1	2	2	91	.44	.044	20	255	2.97	149	.18	3	3.07	.01	.06	1	10
82+00E 5+00S	1	29	31	155	.2	48	13	674	3.52	32	5	ND	5	19	1	2	2	45	.39	.035	16	48	.67	271	.10	2	2.61	.03	.06	1	1
82+00E 5+25S	1	29	29	108	.1	56	14	412	3.33	15	5	ND	5	20	1	2	2	44	.40	.044	16	65	.86	146	.11	2	2.05	.02	.05	1	1
82+00E 5+50S	1	22	26	118	.3	42	11	441	3.04	10	5	ND	2	21	1	2	2	39	.50	.074	10	42	.50	147	.11	3	3.03	.04	.06	1	3
82+00E 5+75S	1	29	23	135	.3	71	14	200	3.99	17	5	ND	3	18	1	2	2	60	.31	.037	10	97	.97	158	.11	5	2.27	.02	.05	1	1
82+00E 6+00S	1	40	60	143	.1	91	20	289	4.61	22	5	ND	3	19	1	2	2	60	.35	.076	11	119	1.33	171	.14	2	3.21	.02	.04	1	1
82+00E 6+25S	1	16	4	46	.3	10	4	450	1.46	5	5	ND	1	49	1	2	2	24	1.28	.063	5	12	.22	97	.05	2	1.63	.05	.03	1	1
82+00E 6+50S	1	24	18	119	.1	51	14	367	3.21	10	5	ND	4	16	1	2	2	45	.23	.041	12	64	.72	124	.11	2	2.06	.02	.05	1	2
82+00E 6+75S	1	5	7	54	.1	9	3	191	1.51	2	5	ND	1	6	1	2	2	30	.07	.027	5	16	.12	43	.08	4	.93	.02	.02	1	1
82+00E 7+00S	3	134	257	360	.1	139	41	719	7.27	72	5	ND	3	12	1	2	2	71	.20	.050	9	144	1.72	159	.10	2	3.03	.01	.04	1	7
82+00E 7+25S	1	34	11	56	.7	25	6	278	1.98	4	5	ND	2	32	1	2	2	26	.57	.052	16	22	.30	111	.10	3	2.61	.06	.04	1	4
82+00E 7+50S	1	34	9	37	.4	17	6	756	1.75	4	5	ND	1	36	1	2	2	29	.71	.044	14	16	.25	86	.07	2	1.65	.06	.03	1	1
82+00E 7+75S	1	77	18	65	.3	43	10	444	2.95	10	5	ND	1	43	1	2	2	36	.81	.047	21	43	.55	216	.10	5	2.88	.05	.05	1	1
82+00E 8+00S	1	60	14	81	.3	41	10	506	2.63	8	7	ND	1	43	1	2	2	36	.98	.048	13	49	.63	169	.08	2	1.97	.05	.04	1	1
82+00E 8+25S	1	43	25	117	.1	92	17	250	5.05	16	5	ND	4	22	1	2	2	73	.31	.028	17	132	1.55	162	.13	4	2.61	.01	.04	1	1
82+00E 8+50S	1	20	6	44	.3	13	5	298	1.87	2	5	ND	1	37	1	2	2	35	.68	.048	8	15	.22	77	.08	6	1.61	.07	.02	1	1
82+00E 8+75S	1	36	10	66	.5	25	8	789	2.45	7	5	ND	3	46	1	2	2	29	1.01	.051	8	23	.39	235	.12	7	2.90	.06	.05	1	1
82+00E 9+00S	1	25	11	93	.6	40	10	269	2.88	14	5	ND	3	29	1	2	2	38	.59	.068	11	40	.50	197	.11	3	3.05	.04	.06	1	1
83+00E 5+00S	1	13	12	38	.8	15	5	142	2.10	18	5	ND	3	22	1	2	2	19	.64	.064	9	15	.18	90	.14	5	3.95	.04	.03	2	1
83+00E 5+25S	1	27	20	102	.5	39	10	259	3.05	12	5	ND	3	25	1	2	2	30	.72	.118	16	41	.41	161	.13	6	4.22	.04	.06	1	1
83+00E 5+50S	1	20	20	83	.7	27	8	635	2.23	12	5	ND	1	30	1	2	2	30	.69	.037	7	33	.37	132	.10	5	2.16	.04	.03	1	2
83+00E 5+75S	1	9	23	74	.2	33	9	229	3.65	15	5	ND	3	15	1	2	2	49	.30	.165	8	53	.46	69	.14	6	2.99	.02	.04	1	1
83+00E 6+00S	1	27	13	77	.1	61	14	221	3.71	19	5	ND	5	17	1	2	2	51	.25	.023	18	73	.89	112	.15	9	1.78	.01	.04	1	1
83+00E 6+25S	1	89	32	182	.7	70	17	1022	4.85	19	5	ND	10	35	1	2	2	55	.41	.089	17	51	.61	528	.15	5	5.57	.03	.12	1	1
83+00E 6+50S	1	7	11	49	.3	13	6	274	2.04	4	5	ND	2	12	1	2	2	33	.16	.105	7	18	.16	54	.10	4	2.31	.03	.03	1	1
83+00E 6+75S	1	51	33	125	.1	98	22	705	4.41	23	5	ND	6	32	1	2	2	54	.60	.123	19	112	1.43	72	.16	4	1.49	.02	.04	1	6
83+00E 7+00S	1	19	14	80	.3	31	9	156	2.84	8	5	ND	3	16	1	2	2	38	.28	.049	9	33	.30	119	.11	2	2.65	.03	.04	1	1
83+00E 7+25S	1	32	20	79	.4	35	9	395	3.03	11	5	ND	5	24	1	2	2	42	.49	.037	16	35	.40	163	.14	7	3.38	.03	.06	1	1
83+00E 7+50S	1	74	12	56	.8	30	8	446	1.91	7	7	ND	1	71	1	2	2	26	2.03	.098	12	32	.43	240	.05	5	1.95	.04	.04	1	1
83+00E 7+75S	1	145	13	49	.6	35	7	663	.85	4	29	ND	3	298	1	2	2	9	6.57	.138	16	15	.35	296	.02	8	1.21	.01	.02	1	4
83+00E 8+00S	1	44	9	55	.5	16	8	427	2.06	2	8	ND	1	56	1	2	2	32	1.43	.069	11	15	.36	181	.06	3	1.84	.07	.04	1	1
STD C/AU-S	20	59	36	127	6.7	70	28	976	3.93	38	17	7	33	47	16	15	20	60	.48	.100	34	58	.88	172	.08	37	1.72	.06	.12	14	48

GEOCHEMICAL ICP ANALYSIS

.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, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SN, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: ROCK CHIPS AUX ANALYSIS BY AA FROM 10 GRAM SAMPLE.

2774.50
 55 samples
 rock

DATE RECEIVED: DEC 22 1986 DATE REPORT MAILED: Jan 6 / 87 ASSAYER: D. J. DEAN TOYE. CERTIFIED B.C. ASSAYER.

CEC ENGINEERING PROJECT - TWIN FILE # 86-4043

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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
86-14-9	1	86	13	82	.1	300	39	1155	6.48	162	5	ND	1	90	1	3	2	77	8.72	.038	2	369	4.79	133	.01	2	3.10	.10	.04	1	26
86-14-10	1	91	9	110	.3	273	38	1108	7.27	81	5	ND	1	80	1	3	2	46	9.38	.044	2	218	2.56	165	.01	2	2.09	.10	.09	1	14
86-14-11	2	73	198	4180	.5	126	23	2045	4.15	37	5	ND	1	202	11	5	2	55	12.87	.031	2	181	3.50	81	.02	2	1.39	.12	.02	1	11
86-14-12	1	69	8	67	.1	169	31	884	5.85	2	5	ND	2	205	1	2	2	105	11.44	.068	6	361	4.06	158	.02	2	3.23	.10	.01	1	1
86-14-13	1	92	8	86	.1	174	37	989	5.89	175	5	ND	1	106	1	2	2	18	11.01	.059	2	43	1.90	56	.01	2	.35	.15	.05	1	10
86-14-14	1	69	16	163	.1	178	26	1271	6.22	214	5	ND	1	114	2	2	2	25	7.53	.039	2	52	2.44	140	.01	2	.33	.12	.11	1	32
86-14-15A	1	220	140	268	.4	184	41	1447	6.72	146	5	ND	1	70	2	2	2	15	4.45	.057	2	38	1.97	159	.01	3	.38	.10	.11	1	46
86-14-15B	1	43	315	171	.5	51	12	2168	2.74	65	5	ND	1	192	1	9	2	10	13.15	.050	2	11	5.97	64	.01	4	.14	.11	.06	1	12
86-14-15C	2	38	76	115	.4	82	14	2196	4.12	81	5	ND	2	154	1	7	2	22	10.66	.050	2	17	4.55	115	.01	5	.28	.11	.13	1	19
86-14-16A	4	67	24	52	.3	59	17	1110	4.02	31	5	ND	3	78	1	2	2	9	3.14	.038	3	7	1.11	158	.01	15	.37	.08	.16	1	8
86-14-16B	1	64	14	135	.1	84	22	710	5.39	59	5	ND	4	47	1	2	2	23	1.37	.061	6	52	1.21	162	.01	8	1.21	.07	.20	1	15
86-14-17	1	54	5	88	.2	91	11	481	3.04	103	5	ND	3	36	1	2	2	23	1.06	.074	5	30	.67	138	.01	9	.74	.05	.13	1	2
86-14-18	1	102	9	86	.1	240	41	1217	6.49	13	5	ND	1	141	1	8	2	127	3.40	.044	3	388	6.79	91	.01	2	3.71	.09	.01	1	1
86-14-19	1	74	7	79	.1	210	33	1205	5.82	14	5	ND	1	144	1	6	3	120	3.59	.048	2	382	6.35	77	.01	2	3.35	.09	.01	1	1
86-14-20	1	84	15	91	.1	222	38	1257	6.06	16	5	ND	1	133	1	7	2	118	3.50	.052	2	355	6.45	54	.01	2	3.45	.09	.01	1	1
86-14-21	1	105	32	152	.2	248	45	1522	6.34	226	5	ND	1	76	1	2	2	73	4.08	.053	2	247	3.99	116	.01	2	2.49	.12	.04	1	47
86-14-22	1	66	19	143	.2	176	35	2178	6.02	128	5	ND	1	157	1	6	2	44	9.01	.042	2	140	4.88	139	.01	2	1.39	.12	.06	1	29
86-14-23	1	50	10	162	.1	153	30	1845	5.42	92	5	ND	1	157	1	2	2	31	7.99	.053	2	110	3.97	144	.01	3	1.04	.12	.06	1	22
86-14-24	1	107	492	207	.6	179	30	2238	5.62	148	5	ND	1	151	1	5	2	44	8.55	.048	2	153	4.77	184	.01	2	1.51	.13	.07	1	20
86-14-25	1	72	52	183	.2	209	39	1533	6.63	134	5	ND	1	95	1	2	2	69	4.97	.075	2	249	4.38	185	.01	2	2.44	.13	.05	1	24
86-14-26	10	45	43	71	.4	67	17	3017	4.54	53	5	ND	1	143	1	6	2	40	11.47	.101	2	26	5.20	58	.01	2	.39	.11	.08	1	11
86-14-27	1	37	10	115	.1	87	15	1627	4.64	59	5	ND	2	90	1	2	2	30	5.73	.071	2	51	3.59	62	.01	2	1.31	.09	.09	1	5
86-14-28	2	47	51	94	.4	43	11	3074	3.75	65	5	ND	2	186	1	10	2	12	14.31	.036	2	9	6.45	60	.01	2	.19	.11	.07	1	16
86-14-29	6	75	44	96	.8	28	4	2748	1.60	23	5	ND	2	196	1	16	4	63	18.82	1.427	6	21	6.60	134	.01	6	.39	.12	.11	1	2
86-14-30	3	26	13	73	.3	24	6	1842	2.02	70	5	ND	2	79	1	6	2	8	10.23	.039	2	6	4.51	78	.01	5	.14	.09	.06	1	9
86-14-31	1	51	6	97	.1	117	11	519	3.59	63	5	ND	2	47	1	2	2	20	2.77	.064	3	33	2.19	77	.01	3	.98	.07	.11	1	8
86-14-32	2	103	30	66	1.1	91	28	804	5.14	46	5	ND	4	46	1	4	2	20	3.51	.554	5	17	.91	43	.01	3	.53	.07	.20	1	13
86-14-33	13	42	30	141	.5	40	8	2837	3.09	38	5	ND	2	75	1	4	2	35	9.84	.073	3	8	4.20	67	.01	3	.19	.09	.10	1	6
86-14-34	1	60	82	153	.3	175	34	2072	6.17	143	5	ND	1	132	1	2	2	48	8.21	.080	2	134	4.31	157	.01	2	1.40	.15	.07	1	23
86-14-35	1	90	68	327	.4	260	48	1563	6.76	165	5	ND	1	119	1	2	2	44	6.68	.055	2	190	3.59	198	.01	2	1.35	.14	.07	1	26
86-14-36	1	77	66	342	.4	197	37	2029	5.92	206	5	ND	1	153	2	4	2	32	9.42	.048	2	121	4.43	144	.01	2	.87	.14	.05	1	32
86-14-37	1	89	152	859	.3	188	32	2264	5.78	286	5	ND	2	143	4	2	2	39	10.12	.065	2	112	4.00	237	.01	2	.84	.16	.06	1	12
86-14-38	1	84	11	104	.1	76	25	1138	5.52	23	5	ND	1	72	1	2	2	41	9.13	.082	2	55	1.03	327	.01	3	1.04	.14	.13	1	17
86-14-39	1	83	24	143	.3	100	35	1350	7.13	67	5	ND	1	61	1	2	2	38	4.22	.100	2	53	.51	326	.01	4	1.01	.13	.14	1	89
86-14-40	2	316	4567	7252	2.8	244	33	1878	7.06	167	5	ND	1	88	27	4	2	35	11.27	.038	2	86	1.67	314	.01	2	.64	.13	.06	1	13
86-14-41	1	70	64	236	.4	182	25	1247	5.99	58	5	ND	2	98	1	2	2	39	14.75	.034	2	87	1.72	239	.01	2	.58	.13	.06	1	4
STD C/AU-R	21	59	40	136	7.2	70	29	1036	3.95	38	17	7	34	49	18	16	19	65	.44	.106	36	59	.88	183	.08	37	1.72	.10	.13	12	505

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	Mo %	Ba PPM	Ti %	B PPM	Al %	Na %	F %	W PPM	Au# PPB
86-14-42	1	71	68	142	.3	133	27	1392	5.38	144	5	ND	1	91	1	2	3	22	12.74	.042	2	41	2.15	74	.01	3	.26	.14	.06	1	5
86-14-43	1	98	13	143	.2	229	34	870	5.82	22	5	ND	1	86	1	2	3	36	10.83	.045	2	120	2.17	56	.01	3	.96	.13	.03	1	4
86-14-44	1	58	12	104	.3	213	33	918	5.96	3	5	ND	2	76	1	2	2	59	9.88	.044	2	189	2.45	48	.01	3	1.67	.12	.02	1	1
86-14-45	1	66	11	71	.3	198	34	1086	5.81	10	5	ND	1	72	1	2	2	33	10.34	.048	2	115	1.24	88	.01	2	.81	.13	.02	1	1
86-14-46	1	69	9	113	.2	200	30	1186	5.59	15	5	ND	1	110	1	3	3	106	5.14	.042	2	320	5.75	48	.01	2	3.03	.09	.01	1	11
86-14-47	1	70	9	91	.2	202	28	940	5.78	40	5	ND	1	150	1	7	2	88	5.69	.044	2	285	5.48	52	.01	2	3.03	.11	.03	1	1
86-14-48	1	80	7	137	.2	235	36	1005	5.56	11	5	ND	1	197	1	2	2	109	10.74	.045	4	351	2.96	36	.05	2	2.73	.10	.01	1	4
86-14-49	1	71	7	87	.1	221	35	914	6.32	8	5	ND	2	128	1	2	2	135	7.56	.048	5	385	3.71	54	.05	2	3.27	.10	.01	1	3
86-14-50	2	123	10	84	.2	226	37	951	6.18	11	5	ND	2	180	1	2	2	132	9.82	.041	3	359	3.44	206	.02	2	3.21	.11	.01	1	1
86-14-51	1	153	231	522	.4	228	34	1115	6.29	39	7	ND	2	149	2	2	2	62	9.05	.043	2	234	2.85	103	.01	2	2.43	.09	.11	1	13
86-14-52	2	103	11	118	.2	203	32	1009	5.95	9	5	ND	1	181	1	2	3	95	9.40	.038	4	277	3.16	66	.01	2	3.02	.09	.05	1	5
86-14-53	1	66	15	97	.1	262	39	938	6.48	10	5	ND	2	132	1	4	2	131	6.87	.048	5	382	3.62	47	.02	2	3.22	.10	.01	1	3
86-14-54	1	84	6	83	.2	240	38	927	6.32	7	5	ND	1	130	1	3	2	121	6.72	.050	5	380	3.42	105	.05	2	3.03	.10	.01	1	1
86-14-55	1	65	9	64	.3	229	33	838	5.54	7	5	ND	1	174	1	2	2	115	9.56	.046	4	359	2.44	64	.14	2	2.20	.11	.01	1	1
86-14-56	1	172	19	97	.3	155	24	1429	6.20	24	5	ND	1	169	1	2	2	51	10.82	.042	2	139	3.17	71	.05	2	1.64	.10	.04	1	14
86-14-57	1	101	43	216	.4	284	39	1254	6.93	71	7	ND	1	73	1	2	3	61	6.75	.064	2	228	1.93	146	.01	2	1.61	.14	.07	1	10
86-14-58	1	59	13	214	.1	315	36	1432	7.00	31	5	ND	1	121	1	2	2	63	9.73	.040	2	309	3.81	132	.01	2	1.71	.11	.02	1	4
86-14-59	1	41	30	247	.2	361	56	1388	5.35	59	5	ND	1	117	2	2	4	30	10.97	.056	2	307	3.22	172	.01	2	.65	.13	.04	1	6
86-14-60	1	34	12	231	.3	788	67	1606	7.52	194	6	ND	1	93	1	4	5	67	7.37	.061	4	1143	4.98	103	.01	2	2.57	.10	.01	1	11
STD C/AU-R	21	59	40	136	7.2	69	28	1012	3.98	40	17	8	34	48	18	16	18	1	.45	.105	36	58	.84	181	.08	37	1.72	.09	.13	11	510

GEOCHEMICAL ICP ANALYSIS

.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.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: DEC 22 1986 DATE REPORT MAILED: *Jan 6/87* ASSAYER: *D. J. Toy* DEAN TOYE, CERTIFIED B.C. ASSAYER.

CEC ENGINEERING PROJECT - TWIN FILE # 86-4043

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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
86-14-9	1	86	13	82	.1	300	39	1155	6.48	162	5	ND	1	90	1	3	2	77	8.72	.038	2	369	4.79	133	.01	2	3.10	.10	.04	1	26
86-14-10	1	91	9	110	.3	273	38	1108	7.27	81	5	ND	1	80	1	3	2	46	9.38	.044	2	218	2.56	165	.01	2	2.09	.10	.09	1	14
86-14-11	2	73	198	4180	.5	126	23	2045	4.15	37	5	ND	1	202	11	5	2	55	12.87	.031	2	181	3.50	81	.02	2	1.39	.12	.02	1	11
86-14-12	1	69	8	67	.1	169	31	884	5.85	2	5	ND	2	205	1	2	2	105	11.44	.068	6	361	4.06	158	.02	2	3.23	.10	.01	1	1
86-14-13	1	92	8	86	.1	174	37	989	5.89	175	5	ND	1	106	1	2	2	18	11.01	.059	2	43	1.90	56	.01	2	.35	.15	.05	1	10
86-14-14	1	69	16	163	.1	178	26	1271	6.22	214	5	ND	1	114	2	2	2	25	7.53	.039	2	52	2.44	140	.01	2	.33	.12	.11	1	32
86-14-15A	1	220	140	268	.4	184	41	1447	6.72	146	5	ND	1	70	2	2	2	15	4.45	.057	2	38	1.97	159	.01	3	.38	.10	.11	1	46
86-14-15B	1	43	315	171	.5	51	12	2168	2.74	65	5	ND	1	192	1	9	2	10	13.15	.050	2	11	5.97	64	.01	4	.14	.11	.06	1	12
86-14-15C	2	38	76	115	.4	82	14	2196	4.12	81	5	ND	2	154	1	7	2	22	10.66	.050	2	17	4.55	115	.01	5	.28	.11	.13	1	19
86-14-16A	4	67	24	52	.3	59	17	1110	4.02	31	5	ND	3	78	1	2	2	9	3.14	.038	3	7	1.11	158	.01	15	.37	.08	.16	1	8
86-14-16B	1	64	14	135	.1	84	22	710	5.39	59	5	ND	4	47	1	2	2	23	1.37	.061	6	52	1.21	162	.01	8	1.21	.07	.20	1	15
86-14-17	1	54	5	88	.2	91	11	481	3.04	103	5	ND	3	36	1	2	2	23	1.06	.074	5	30	.67	138	.01	9	.74	.05	.13	1	2
86-14-18	1	102	9	86	.1	240	41	1217	6.49	13	5	ND	1	141	1	8	2	127	3.40	.044	3	388	6.79	91	.01	2	3.71	.09	.01	1	1
86-14-19	1	74	7	79	.1	210	33	1205	5.82	14	5	ND	1	144	1	6	3	120	3.59	.048	2	382	6.35	77	.01	2	3.35	.09	.01	1	1
86-14-20	1	84	15	91	.1	222	38	1257	6.06	16	5	ND	1	133	1	7	2	118	3.50	.052	2	355	6.45	54	.01	2	3.45	.09	.01	1	1
86-14-21	1	105	32	152	.2	248	45	1522	6.34	226	5	ND	1	76	1	2	2	73	4.08	.053	2	247	3.99	116	.01	2	2.49	.12	.04	1	47
86-14-22	1	66	19	143	.2	176	35	2178	6.02	128	5	ND	1	157	1	6	2	44	9.01	.042	2	140	4.88	139	.01	2	1.39	.12	.06	1	29
86-14-23	1	50	10	162	.1	153	30	1845	5.42	92	5	ND	1	157	1	2	2	31	7.99	.053	2	110	3.97	144	.01	3	1.04	.12	.06	1	22
86-14-24	1	107	492	207	.6	179	30	2238	5.62	148	5	ND	1	151	1	5	2	44	8.55	.048	2	153	4.77	184	.01	2	1.51	.13	.07	1	20
86-14-25	1	72	52	183	.2	209	39	1533	6.63	134	5	ND	1	95	1	2	2	69	4.97	.075	2	249	4.38	185	.01	2	2.44	.13	.05	1	24
86-14-26	10	45	43	71	.4	67	17	3017	4.54	53	5	ND	1	143	1	6	2	40	11.47	.101	2	26	5.20	58	.01	2	.39	.11	.08	1	11
86-14-27	1	37	10	115	.1	87	15	1627	4.64	59	5	ND	2	90	1	2	2	30	5.73	.071	2	51	3.59	62	.01	2	1.31	.09	.09	1	5
86-14-28	2	47	51	94	.4	43	11	3074	3.75	65	5	ND	2	186	1	10	2	12	14.31	.036	2	9	6.45	60	.01	2	.19	.11	.07	1	16
86-14-29	6	75	44	96	.8	28	4	2748	1.60	23	5	ND	2	196	1	16	4	63	18.82	1.427	6	21	6.60	134	.01	6	.39	.12	.11	1	2
86-14-30	3	26	13	73	.3	24	6	1842	2.02	70	5	ND	2	79	1	6	2	8	10.23	.039	2	6	4.51	78	.01	5	.14	.09	.06	1	9
86-14-31	1	51	6	97	.1	117	11	519	3.59	63	5	ND	2	47	1	2	2	20	2.77	.064	3	33	2.19	77	.01	3	.98	.07	.11	1	8
86-14-32	2	103	30	66	1.1	91	28	804	5.14	46	5	ND	4	46	1	4	2	20	3.51	.554	5	17	.91	43	.01	3	.53	.07	.20	1	13
86-14-33	13	42	30	141	.5	40	8	2837	3.09	38	5	ND	2	75	1	4	2	35	9.84	.073	3	8	4.20	67	.01	3	.19	.09	.10	1	6
86-14-34	1	60	82	153	.3	175	34	2072	6.17	143	5	ND	1	132	1	2	2	48	8.21	.080	2	134	4.31	157	.01	2	1.40	.15	.07	1	23
86-14-35	1	90	68	327	.4	260	48	1563	6.76	165	5	ND	1	119	1	2	2	44	6.68	.055	2	190	3.59	198	.01	2	1.35	.14	.07	1	26
86-14-36	1	77	66	342	.4	197	37	2029	5.92	206	5	ND	1	153	2	4	2	32	9.42	.048	2	121	4.43	144	.01	2	.87	.14	.05	1	32
86-14-37	1	89	152	859	.3	188	32	2264	5.78	286	5	ND	2	143	4	2	2	39	10.12	.065	2	112	4.00	237	.01	2	.84	.16	.06	1	12
86-14-38	1	84	11	104	.1	76	25	1138	5.52	23	5	ND	1	72	1	2	2	41	9.13	.082	2	55	1.03	327	.01	3	1.04	.14	.13	1	17
86-14-39	1	83	24	143	.3	100	35	1350	7.13	67	5	ND	1	61	1	2	2	38	4.22	.100	2	53	.51	326	.01	4	1.01	.13	.14	1	89
86-14-40	2	316	4567	7252	2.8	244	33	1878	7.06	167	5	ND	1	88	27	4	2	35	11.27	.038	2	86	1.67	314	.01	2	.64	.13	.06	1	13
86-14-41	1	70	64	236	.4	182	25	1247	5.99	58	5	ND	2	98	1	2	2	39	14.75	.034	2	87	1.72	239	.01	2	.58	.13	.06	1	4
STD C/AU-R	21	59	40	136	7.2	70	29	1036	3.95	38	17	7	34	49	18	16	19	65	.44	.106	36	59	.88	183	.08	37	1.72	.10	.13	12	505

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	Pi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au+ PPB
86-14-42	1	71	68	142	.3	133	27	1392	5.38	144	5	ND	1	91	1	2	3	22	12.74	.042	2	41	2.15	74	.01	3	.26	.14	.06	1	5
86-14-43	1	98	13	143	.2	229	34	870	5.82	22	5	ND	1	86	1	2	3	36	10.83	.045	2	120	2.17	56	.01	3	.96	.13	.03	1	4
86-14-44	1	58	12	104	.3	213	33	918	5.96	3	5	ND	2	76	1	2	2	59	9.88	.044	2	189	2.45	48	.01	3	1.67	.12	.02	1	1
86-14-45	1	66	11	71	.3	198	34	1086	5.81	10	5	ND	1	72	1	2	2	33	10.34	.048	2	115	1.24	88	.01	2	.81	.13	.02	1	1
86-14-46	1	69	9	113	.2	200	30	1186	5.59	15	5	ND	1	110	1	3	3	106	5.14	.042	2	320	5.75	48	.01	2	3.03	.09	.01	1	11
86-14-47	1	70	9	91	.2	202	28	940	5.78	40	5	ND	1	150	1	7	2	88	5.69	.044	2	285	5.48	52	.01	2	3.03	.11	.03	1	1
86-14-48	1	80	7	137	.2	235	36	1005	5.56	11	5	ND	1	197	1	2	2	109	10.74	.045	4	351	2.96	36	.05	2	2.73	.10	.01	1	4
86-14-49	1	71	7	87	.1	221	35	914	6.32	8	5	ND	2	128	1	2	2	135	7.56	.048	5	385	3.71	54	.05	2	3.27	.10	.01	1	3
86-14-50	2	123	10	84	.2	226	37	951	6.18	11	5	ND	2	180	1	2	2	132	9.82	.041	3	359	3.44	206	.02	2	3.21	.11	.01	1	1
86-14-51	1	153	231	522	.4	228	34	1115	6.29	39	7	ND	2	149	2	2	2	62	9.05	.043	2	234	2.85	103	.01	2	2.43	.09	.11	1	13
86-14-52	2	103	11	118	.2	203	32	1009	5.95	9	5	ND	1	181	1	2	3	95	9.40	.038	4	277	3.16	66	.01	2	3.02	.09	.05	1	5
86-14-53	1	66	15	97	.1	262	39	938	6.48	10	5	ND	2	132	1	4	2	131	6.87	.048	5	382	3.62	47	.02	2	3.22	.10	.01	1	3
86-14-54	1	84	6	83	.2	240	38	927	6.32	7	5	ND	1	130	1	3	2	121	6.72	.050	5	380	3.42	105	.05	2	3.03	.10	.01	1	1
86-14-55	1	65	9	64	.3	229	33	838	5.54	7	5	ND	1	174	1	2	2	115	9.56	.046	4	359	2.44	64	.14	2	2.20	.11	.01	1	1
86-14-56	1	172	19	97	.3	155	24	1429	6.20	24	5	ND	1	169	1	2	2	51	10.82	.042	2	139	3.17	71	.05	2	1.64	.10	.04	1	14
86-14-57	1	101	43	216	.4	284	39	1254	6.93	71	7	ND	1	73	1	2	3	61	6.75	.064	2	228	1.93	146	.01	2	1.61	.14	.07	1	10
86-14-58	1	59	13	214	.1	315	36	1432	7.00	31	5	ND	1	121	1	2	2	63	9.73	.040	2	309	3.81	132	.01	2	1.71	.11	.02	1	4
86-14-59	1	41	30	247	.2	361	56	1388	5.35	59	5	ND	1	117	2	2	4	30	10.97	.056	2	307	3.22	172	.01	2	.65	.13	.04	1	6
86-14-60	1	34	12	231	.3	788	67	1606	7.52	194	6	ND	1	93	1	4	5	67	7.37	.061	4	1143	4.98	103	.01	2	2.57	.10	.01	1	11
STD C/AU-R	21	59	40	136	7.2	69	28	1012	3.98	40	17	8	34	48	18	16	18	1	.45	.105	36	58	.84	181	.08	37	1.72	.09	.13	11	510