



ACME ANALYTICAL



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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	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
G-1	2.4	4.0	3.0	49	<.1	5.2	4.8	631	2.30	.5	2.1	<.5	4.8	96	<.1	<.1	.1	42	.66	.085	11	20.5	.55	245	.161	1	1.06	.127	.55	4.8	<.01	2.6	.3	<.05	6	<.5
MBS 16	.9	25.0	3.8	55	<.1	18.1	5.9	139	1.80	1.9	.5	.6	1.2	9	.1	.3	<.1	56	.18	.055	5	32.1	.58	157	.142	1	1.40	.013	.33	.1	.04	3.6	.1	<.05	6	<.5
MBS 17	1.7	22.0	8.6	62	.1	22.1	12.0	343	2.20	4.7	.5	.5	.9	11	.1	.5	.1	64	.18	.065	5	41.1	.65	182	.134	1	1.27	.019	.42	.1	.05	3.8	.1	<.05	6	.5
MBS 18	1.6	36.5	10.6	119	.1	34.7	21.9	793	3.24	41.6	.7	4.2	1.0	30	.2	1.3	.1	105	.35	.073	5	59.7	1.16	297	.198	1	2.21	.029	.62	.4	.06	5.9	.2	<.05	8	.9
OMR 1	.9	6.2	39.3	81	.5	3.9	10.3	1419	3.28	17.6	5.5	195.7	.2	40	.2	.6	.3	55	.69	.134	2	6.1	.49	185	.101	1	1.71	.012	.12	.3	.10	2.9	.1	<.05	7	.8
OMR 2	.4	3.6	32.7	71	.1	3.3	8.4	949	2.37	18.0	2.8	5.3	.2	18	.2	.3	.1	49	.42	.112	2	4.6	.49	113	.106	<1	1.41	.011	.09	.4	.04	2.3	.1	<.05	6	.6
OMR 3	.3	3.4	8.0	53	.1	3.1	5.1	413	1.65	6.7	3.1	5.0	.2	23	.2	.2	.1	38	.49	.130	2	4.4	.38	108	.088	2	1.10	.009	.07	.3	.04	1.8	.1	<.05	4	<.5
OMR 4	.6	4.1	20.5	36	.1	2.2	2.8	186	1.22	7.1	9.0	1.9	.1	41	.3	.5	.2	37	.63	.064	2	4.7	.21	95	.076	1	1.13	.008	.03	1.0	.11	1.5	<.1	.06	6	.6
OMR 5	.4	4.1	7.9	43	.1	4.3	16.8	993	1.75	12.5	3.1	1.0	.3	20	.2	.2	.1	31	.26	.071	3	6.2	.24	100	.082	1	2.51	.009	.07	.3	.10	1.6	.1	<.05	6	.7
OMR 6	.2	3.1	5.2	41	.1	3.1	5.2	497	1.64	4.0	1.1	2.0	.2	10	.1	.2	.1	25	.15	.061	3	4.7	.28	69	.085	1	1.18	.009	.07	.1	.06	1.2	.1	<.05	7	<.5
OMR 7	.3	4.3	9.2	46	.2	2.9	5.7	403	1.83	6.3	1.9	4.3	.2	14	.1	.3	.1	36	.19	.065	2	5.0	.37	79	.119	1	2.01	.010	.07	.1	.08	1.9	.1	<.05	7	.5
OMR 8	.1	2.2	3.0	25	<.1	2.6	1.9	136	1.01	1.8	.5	<.5	.2	8	<.1	.1	<.1	20	.13	.051	3	3.9	.22	64	.074	<1	.85	.009	.09	.2	.04	1.0	<.1	<.05	4	<.5
OMR 9	.3	8.3	10.0	36	.3	4.5	2.9	170	1.72	3.4	.8	.6	.1	15	.2	.2	.1	31	.15	.081	3	6.0	.26	88	.095	1	1.95	.009	.10	.1	.15	1.5	.1	<.05	11	1.0
OMR 10	.2	3.3	10.4	49	.1	2.7	7.3	795	1.75	4.7	1.9	<.5	.1	15	.1	.2	.1	33	.25	.095	2	4.0	.42	88	.097	1	1.28	.012	.09	.1	.05	1.4	.1	<.05	7	.8
RE OMR 9	.3	9.1	10.1	37	.3	4.4	3.1	168	1.80	3.7	.9	.7	.1	16	.2	.3	.1	31	.16	.080	3	5.9	.24	91	.096	<1	1.84	.009	.10	.1	.16	1.4	.1	<.05	10	.8
OMR 11	.2	3.7	14.9	39	.1	2.8	5.7	657	1.48	4.0	1.7	<.5	.1	16	.2	.2	.1	31	.20	.069	2	4.0	.31	84	.093	1	1.07	.010	.08	.1	.07	1.2	.1	<.05	6	.6
OMR 12	.2	5.1	8.2	38	.1	4.2	4.2	346	1.22	3.1	.7	<.5	.2	11	.1	.2	.1	24	.21	.082	3	5.6	.29	88	.080	<1	1.04	.008	.13	.2	.06	1.4	.1	<.05	5	.5
OMR 13	.3	5.8	6.9	40	.1	5.3	4.1	443	1.30	3.4	1.0	.8	.2	14	.1	.2	.1	30	.21	.060	3	8.4	.30	113	.094	2	1.29	.009	.13	.3	.07	1.7	.1	<.05	6	.6
OMR 14	.1	2.9	6.0	35	<.1	2.6	4.1	510	1.12	2.1	.5	<.5	.1	9	.1	.2	<.1	26	.19	.068	2	4.2	.32	75	.083	1	.90	.009	.10	.1	.05	1.3	.1	<.05	5	<.5
OMR 15	.1	2.1	5.0	38	.1	2.9	3.5	311	1.20	2.5	1.0	<.5	.2	13	.1	.2	<.1	26	.22	.068	2	3.7	.32	87	.089	1	1.13	.009	.09	.1	.05	1.3	<.1	<.05	5	<.5
OMR 18	.4	4.0	8.8	23	.2	2.4	1.9	200	1.91	3.9	4.4	1.2	.2	12	.1	.2	.2	40	.14	.061	3	6.2	.15	73	.130	1	3.08	.008	.06	.3	.21	1.8	.1	<.05	13	2.0
OMR 17	.2	6.9	3.1	41	<.1	5.7	4.4	523	1.01	3.8	.8	.8	.4	9	.1	.2	<.1	24	.26	.093	3	7.0	.34	115	.084	<1	1.20	.009	.18	.1	.04	2.1	.1	<.05	3	<.5
OMR 18	.1	4.3	10.4	53	.1	3.0	6.2	1053	1.33	2.9	1.0	.6	.1	21	.2	.2	.1	27	.34	.098	3	4.4	.32	137	.072	1	1.32	.010	.08	.1	.08	1.3	.1	<.05	5	.6
OMR 19	.3	4.6	14.3	44	.1	3.7	9.7	1355	1.29	3.1	.8	<.5	<.1	19	.2	.3	.1	25	.28	.104	3	4.8	.28	122	.066	2	1.39	.008	.07	.1	.14	1.2	.1	<.05	5	.6
OMR 20	.1	1.9	4.5	48	<.1	2.7	5.3	668	1.20	1.5	.3	<.5	.1	11	.1	.1	<.1	28	.20	.058	2	4.0	.42	97	.098	1	.85	.015	.10	.1	.03	1.3	.1	<.05	4	<.5
OMR 21	.2	9.8	4.5	58	.1	7.1	5.8	499	1.52	6.6	3.9	<.5	.4	16	.1	.2	.1	35	.29	.066	4	10.5	.44	147	.108	1	1.59	.009	.15	.1	.05	2.9	.1	<.05	4	<.5
OMR 22	.2	7.8	4.5	39	<.1	4.9	3.5	362	1.21	3.9	2.9	<.5	.2	15	.1	.2	.1	28	.29	.078	3	6.6	.31	114	.072	1	.99	.010	.11	.1	.08	1.6	.1	<.05	4	<.5
OMR 23	.2	7.1	6.6	51	.1	5.9	5.3	349	2.46	6.7	2.2	<.5	.3	14	.1	.2	.1	42	.19	.044	4	9.0	.42	139	.113	2	1.79	.010	.15	.1	.07	2.1	.1	<.05	7	.6
OMR 24	.3	11.8	8.3	44	.1	7.7	4.4	396	1.50	4.0	1.1	.7	.3	14	.1	.3	.1	34	.21	.081	4	10.2	.36	141	.096	1	1.49	.010	.17	.1	.11	2.1	.1	<.05	6	.5
OMR 25	.2	6.3	5.6	43	<.1	4.6	3.8	494	1.27	3.2	1.0	<.5	.3	16	.1	.2	.1	28	.32	.067	3	6.2	.29	120	.075	1	1.23	.008	.10	.1	.10	1.9	.1	<.05	4	<.5
OMR 28	.2	12.6	4.2	42	<.1	7.6	4.1	247	1.25	3.8	.9	.5	1.0	13	.1	.2	.1	31	.25	.071	5	10.2	.35	143	.089	1	1.12	.010	.18	.1	.08	2.2	.1	<.05	4	<.5
OMR 27	.3	10.1	6.3	40	.1	7.8	5.3	528	1.82	5.5	.8	.5	1.2	7	<.1	.2	.1	38	.15	.071	8	11.0	.34	78	.096	1	1.49	.011	.15	.1	.12	2.1	.1	<.05	7	.7
OMR 28	.3	8.6	5.5	48	<.1	7.5	5.3	484	1.63	3.8	1.0	<.5	.4	11	.1	.3	.1	32	.28	.095	4	10.5	.38	103	.094	1	1.45	.010	.14	.1	.11	2.1	.1	<.05	6	<.5
OMR 29	.3	6.6	6.1	37	.1	6.6	4.5	528	1.62	3.1	.7	<.5	.3	11	<.1	.2	.1	34	.17	.055	4	9.0	.35	88	.099	1	1.43	.010	.12	.1	.10	1.7	.1	<.05	7	.5
OMR 30	.4	8.7	6.8	49	.1	8.4	5.5	705	1.76	3.7	1.2	<.5	.2	16	.1	.2	.1	33	.23	.079	5	12.3	.39	115	.083	2	1.72	.009	.13	.1	.15	1.9	.1	<.05	7	.6
STANDARD	12.5	145.9	26.0	139	.3	24.7	12.6	789	3.00	18.0	6.6	43.6	2.9	48	5.8	4.0	6.4	64	.77	.096	12	181.1	.65	137	.107	18	1.99	.034	.14	5.3	.17	3.6	1.1	<.05	7	4.8

Standard is STANDARD DS5. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	2.5	3.5	2.7	42	<.1	4.9	3.9	567	1.94	.6	2.1	.6	5.0	94	<.1	<.1	.1	45	.63	.074	12	20.6	.56	252	.162	1	1.13	.127	.57	4.4	<.01	2.7	.3	<.05	4	<.5
OMR 31	1.0	7.1	7.8	26	.2	4.5	4.0	283	2.16	4.1	1.3	.9	.1	5	.2	.2	.1	33	.05	.044	5	9.8	.19	31	.047	1	1.76	.006	.05	.1	.12	.6	.1	<.05	12	.9
OMR 32	.6	12.4	8.6	67	.1	11.0	10.6	1974	2.99	7.4	1.7	<.5	.5	10	.2	.3	.2	62	.10	.041	7	17.3	.48	114	.105	1	2.23	.008	.10	.1	.11	2.1	.2	<.05	11	1.0
OMR 33	.4	8.9	7.6	59	.1	8.2	7.1	1152	1.86	4.6	1.5	2.9	.5	19	.1	.3	.1	41	.23	.060	5	11.4	.45	145	.074	1	1.61	.009	.15	<.1	.09	2.1	.1	<.05	7	.6
MLW 1	1.1	104.3	2.1	46	<.1	52.5	35.2	409	1.99	1.6	.2	.6	.2	18	.1	.1	<.1	58	.34	.059	1	17.6	.76	147	.153	<1	1.71	.020	.30	.1	.03	1.9	.1	<.05	4	.6
MLW 2	.6	78.4	1.1	39	<.1	49.9	31.3	268	1.53	.8	.1	<.5	.1	24	.1	.1	<.1	42	.38	.064	1	11.4	.63	103	.118	<1	1.13	.016	.16	.1	.01	1.0	<.1	<.05	3	.7
MLW 3	.8	166.4	1.2	41	<.1	168.0	41.9	329	2.64	1.7	.1	3.7	.1	57	.1	.1	<.1	71	.49	.055	1	80.7	1.17	108	.108	1	1.66	.050	.09	<.1	.01	2.8	<.1	<.05	4	1.1
MLW 4	.5	53.3	1.5	42	.1	27.1	19.0	325	1.78	.9	.1	<.5	.1	20	.1	.1	<.1	51	.34	.054	1	13.1	.64	127	.126	<1	1.21	.019	.16	<.1	.02	1.4	<.1	<.05	4	.5
MLW 5	.5	96.0	2.7	47	<.1	108.9	29.8	207	1.63	1.2	.1	<.5	.2	27	.1	.1	<.1	63	.43	.058	1	33.7	.51	83	.101	1	.91	.021	.10	<.1	.02	1.3	<.1	<.05	3	.9
MLW 6	.4	114.2	2.7	38	<.1	116.0	21.6	226	1.78	1.2	.1	<.5	.2	35	<.1	.1	<.1	58	.48	.063	1	39.7	.66	111	.184	<1	1.25	.027	.13	.1	.03	1.5	<.1	<.05	4	.8
MLW 7	.3	137.1	3.8	38	<.1	60.7	16.2	192	2.11	5.2	.6	1.6	.9	31	<.1	.2	<.1	127	.68	.141	4	63.4	.64	91	.134	1	1.02	.032	.17	.1	.02	2.0	.1	<.05	4	.7
MLW 8	.4	61.9	2.0	26	<.1	127.1	15.6	204	1.52	1.5	.2	<.5	.2	21	.1	.1	<.1	55	.39	.054	1	55.9	.61	92	.094	<1	1.02	.020	.10	<.1	.01	1.2	<.1	<.05	3	.7
MLW 9	.3	67.5	2.4	27	<.1	170.7	15.4	227	1.33	1.8	.1	.6	.2	38	.1	.1	<.1	56	.62	.036	1	20.3	.45	65	.073	1	.98	.025	.06	<.1	.03	1.7	<.1	<.05	3	1.6
RE MLW 9	.4	78.2	3.3	29	<.1	221.9	17.8	302	1.39	1.9	.1	.7	.2	50	.1	.2	<.1	55	.85	.042	1	19.6	.49	85	.079	2	1.13	.030	.07	<.1	.04	1.8	<.1	<.05	3	2.0
SABS 1	2.4	77.6	5.9	105	.1	142.2	27.5	545	3.19	28.0	4.5	1.2	1.2	51	.3	5.3	.1	96	1.27	.091	8	137.5	1.57	292	.181	7	2.05	.818	.33	.8	.14	5.9	.2	.13	6	4.1
SABS 2	1.3	46.3	3.8	173	.1	33.0	13.0	370	2.45	83.1	1.2	1.5	.9	20	.2	3.4	.1	72	.42	.067	4	45.0	.75	183	.119	3	1.80	.014	.33	.4	.08	5.5	.1	<.05	4	1.6
SABS 3	1.4	47.0	3.1	85	.1	45.5	14.6	342	2.53	21.1	.6	.9	1.3	15	.1	1.2	.1	82	.34	.073	4	53.8	.93	206	.152	1	1.63	.016	.44	.2	.05	5.0	.1	<.05	6	1.0
SABS 4	.6	21.4	3.4	51	<.1	18.9	9.6	240	1.46	9.0	.5	.7	1.0	14	.1	.7	<.1	56	.26	.067	4	34.8	.55	162	.105	1	1.09	.020	.33	.2	.03	2.7	.1	<.05	4	.7
SABS 5	1.7	42.9	5.8	135	.1	69.9	13.6	344	2.95	54.9	.5	1.1	.8	17	.6	1.8	.1	72	.34	.052	3	28.0	.68	135	.091	3	1.71	.017	.17	.5	.08	4.9	.1	<.05	5	1.4
SABS 6	1.4	71.0	3.7	145	.1	132.5	23.8	343	2.91	11.0	.8	1.5	.7	14	1.0	2.6	.1	44	.45	.062	4	48.1	1.74	90	.062	5	1.08	.008	.11	.5	.12	4.5	.1	<.05	3	2.7
SABS 7	1.0	74.4	3.1	90	.1	110.9	20.5	205	2.06	7.6	.6	2.1	.7	18	.2	1.2	<.1	63	.55	.060	3	56.9	1.23	136	.119	2	1.42	.013	.14	.4	.08	4.5	.1	.08	5	1.4
SABS 8	1.1	74.0	4.0	67	.1	158.9	26.5	388	2.49	12.2	.5	2.4	.5	17	.3	1.7	<.1	58	.47	.047	3	67.6	1.71	102	.109	5	1.31	.010	.16	1.0	.06	4.2	.1	<.05	5	1.0
SABS 9	1.2	90.1	2.2	50	.1	162.5	32.3	359	2.27	13.9	.8	1.0	.7	20	.3	1.8	<.1	54	.69	.081	4	52.2	1.52	168	.098	5	1.30	.013	.22	2.5	.06	3.9	.1	<.05	3	1.5
SABS 10	1.8	51.1	3.7	67	.1	133.9	26.8	843	2.79	12.8	.4	.8	.6	31	.3	1.4	.1	63	.71	.057	3	45.8	1.02	116	.118	12	1.42	.011	.12	2.3	.05	3.6	.1	<.05	5	1.2
SABS 11	.4	25.6	2.2	58	.1	82.0	10.1	184	1.72	2.4	.5	<.5	1.1	15	.1	.5	<.1	58	.33	.083	5	31.2	.66	216	.146	1	1.64	.014	.33	.2	.03	3.9	.1	<.05	5	.6
SABS 12	.7	47.4	2.9	56	.1	69.4	16.5	250	1.83	6.5	.6	.5	.6	13	.2	1.0	<.1	58	.43	.069	5	34.3	.71	212	.138	3	1.67	.018	.31	.8	.07	3.9	.1	<.05	5	1.1
SABS 13	.8	22.8	2.9	63	.1	38.7	10.2	385	2.06	8.0	.7	<.5	.7	12	.2	.5	.1	60	.41	.053	3	33.7	.66	147	.140	1	1.67	.013	.24	.3	.07	3.8	.1	<.05	5	1.1
SABS 14	.8	53.4	2.5	71	.1	16.8	10.5	485	2.20	7.3	.6	1.0	.3	18	.2	2.3	.1	54	.42	.056	2	14.3	.51	142	.113	5	1.07	.011	.23	.4	.07	5.4	.1	<.05	4	.9
SABS 15	.6	41.5	1.9	62	.1	14.3	7.3	261	1.67	6.6	.6	.9	.2	15	.2	1.7	<.1	50	.36	.045	2	12.1	.48	111	.111	4	.92	.011	.20	.2	.03	4.5	.1	<.05	3	.8
SABS 16	1.2	62.2	5.7	158	.2	31.0	12.0	663	2.44	7.4	1.2	1.0	.3	33	1.7	2.8	.1	65	.98	.097	3	22.9	.64	203	.130	8	1.31	.015	.33	.3	.09	5.9	.2	.07	4	2.9
SABS 17	1.5	51.2	4.7	179	.2	33.8	16.0	753	2.86	30.6	4.9	1.0	.5	23	1.2	1.3	.1	89	.46	.057	5	26.7	.67	203	.163	3	1.89	.011	.28	.9	.08	5.9	.2	<.05	5	1.5
SABS 18	1.1	38.4	3.4	103	.2	58.7	15.7	309	2.53	25.3	.8	1.6	.9	17	.2	.6	.1	65	.40	.060	4	39.1	.86	127	.159	3	2.10	.014	.21	.3	.06	5.1	.1	.06	6	1.1
SABS 19	.8	32.8	7.4	105	.1	22.5	27.4	898	2.33	81.6	.7	3.0	.3	32	.5	3.0	.1	55	.52	.077	8	15.2	.45	156	.084	3	2.13	.016	.16	1.4	.09	3.8	.1	<.05	4	1.3
MK*1	2.1	41.6	8.2	123	.2	72.0	28.3	1754	3.84	42.5	1.0	1.0	.4	48	.5	1.9	.1	75	.95	.098	4	48.0	.75	197	.087	4	1.86	.020	.14	.9	.14	3.9	.1	.12	5	3.8
MK 2	3.4	37.9	19.3	203	.3	51.3	65.3	9009	4.82	105.4	1.3	.8	.2	98	1.5	1.2	.2	64	1.75	.126	6	27.8	.40	281	.046	4	2.69	.010	.12	.7	.28	3.5	.3	.20	6	7.0
STANDARD	12.5	140.6	25.8	135	.3	25.4	11.7	798	3.02	18.2	6.1	45.5	2.8	49	6.1	3.8	6.4	68	.78	.095	13	190.4	.69	139	.108	18	2.18	.036	.15	4.8	.17	3.4	1.1	<.05	6	5.0

Standard is STANDARD DS5. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	2.6	3.7	3.1	46	<.1	4.9	4.1	569	2.05	.5	2.2	<.5	5.0	107	<.1	<.1	.2	42	.67	.078	12	20.5	.54	255	.158	1	1.11	.118	.55	5.0	<.01	2.6	.3	<.05	6	<.5
MK 3	1.4	24.3	18.7	59	.1	7.7	4.2	165	1.63	6.3	.5	.5	.3	14	.1	.7	.1	50	.21	.054	4	16.0	.49	113	.085	1	1.53	.012	.13	.7	.11	4.1	.1	.06	8	.8
MK 4	1.5	41.3	7.7	106	.1	40.9	16.6	429	3.01	19.2	.7	.6	1.5	30	.2	1.1	.1	100	.50	.116	7	69.5	.94	245	.156	2	2.18	.015	.38	.2	.07	4.4	.2	.07	9	1.5
MK 5	1.6	53.4	7.4	135	.1	50.5	21.0	416	3.56	25.0	.7	1.0	1.8	19	.2	1.4	.1	117	.32	.103	6	82.2	1.26	384	.182	<1	2.44	.022	.71	.2	.06	5.5	.3	<.05	9	1.0
MK 6	.9	36.0	3.4	64	.1	51.8	13.9	279	2.24	8.4	.6	<.5	1.2	15	.1	.4	.1	65	.29	.105	5	54.1	.79	222	.154	1	1.65	.013	.40	.1	.04	3.3	.2	<.05	6	.6
MK 7	1.5	32.5	5.1	74	.1	25.7	10.5	397	2.21	10.6	1.2	1.3	1.7	20	.1	1.0	.1	60	.39	.114	7	40.4	.70	182	.125	1	1.53	.016	.33	.3	.05	3.6	.1	<.05	6	.8
MK 8	2.3	35.1	5.5	74	.1	30.3	20.7	764	2.43	16.6	.7	1.7	1.3	15	.1	1.3	.1	63	.24	.080	6	41.1	.54	167	.118	1	1.83	.011	.23	.2	.15	3.0	.2	<.05	7	.7
MK 9	2.3	33.9	5.5	79	.1	28.2	19.5	735	2.53	13.5	.7	1.5	1.2	17	.1	1.2	.1	62	.26	.076	6	42.9	.53	159	.121	1	1.96	.011	.21	.2	.08	3.0	.1	<.05	7	1.0
MK 10	1.8	28.1	16.1	84	.1	30.7	51.8	2141	2.50	3.3	.7	.6	.4	32	.4	.5	.1	61	.36	.101	6	36.9	.55	153	.122	2	2.10	.008	.11	.2	.11	2.5	.2	<.05	9	.9
MK 11	1.7	31.1	31.0	77	.1	38.6	26.6	1533	2.97	3.1	2.9	<.5	.9	18	.3	.3	.1	60	.40	.108	8	43.3	.64	157	.133	2	1.68	.012	.22	.1	.11	3.6	.3	<.05	8	.9
MK 12	2.2	53.3	16.1	205	.3	86.9	113.3	8165	3.39	3.4	1.3	.6	.5	29	.9	.3	.1	50	.49	.174	8	62.3	.49	253	.108	1	4.06	.009	.14	<.1	.21	3.1	.5	<.05	6	2.0
NMR 1	1.0	10.6	3.8	45	.1	6.2	8.1	385	2.57	2.0	.6	17.5	.2	20	.1	.1	.1	72	.32	.097	2	10.8	.68	164	.116	1	1.26	.022	.23	.3	.02	3.3	.1	<.05	5	.8
NMR 2	1.2	20.9	9.2	62	.1	4.5	40.7	976	3.26	2.4	.8	54.9	.4	21	.3	.2	.1	89	.33	.081	4	7.9	.68	154	.152	<1	1.95	.018	.19	.1	.05	4.5	.2	<.05	7	1.5
NMR 3	1.2	4.3	6.8	42	.1	3.3	5.9	427	3.13	2.0	.6	2.0	.1	14	.2	.2	.1	78	.25	.091	2	6.3	.55	151	.122	1	1.29	.012	.16	.1	.05	3.1	.1	<.05	8	.5
NMR 4	1.0	5.5	3.6	56	.1	4.1	5.5	295	4.45	5.2	.7	12.0	.3	13	<.1	.2	.1	107	.44	.174	2	8.1	.76	186	.159	1	1.89	.016	.30	.1	.03	4.4	.1	<.05	9	.6
NMR 5	.6	6.6	6.7	45	.1	3.7	7.4	465	2.78	3.3	1.7	4.8	.2	21	.1	.3	.1	66	.31	.091	2	6.6	.51	157	.132	<1	1.90	.015	.15	.1	.07	2.7	.1	<.05	9	.9
NMR 6	.5	5.6	8.6	39	.1	2.8	11.3	512	2.14	2.4	1.0	2.1	.1	10	.1	.2	.1	49	.20	.079	1	5.0	.47	104	.099	1	1.20	.012	.13	<.1	.04	1.8	.1	<.05	6	.8
NMR 7	2.0	5.9	2.6	36	.1	3.3	5.1	212	2.14	4.7	1.3	6.9	.3	14	.1	.3	.1	39	.26	.116	2	3.8	.43	85	.080	<1	1.52	.013	.15	.1	.03	2.2	.1	<.05	4	1.2
NMR 8	.4	8.6	9.2	54	.1	3.4	12.3	724	2.47	3.6	1.4	3.2	.1	11	.2	.3	.2	46	.19	.097	2	5.1	.46	145	.099	1	1.85	.011	.15	.1	.07	1.9	.1	.07	7	1.0
NMR 9	.6	12.3	10.6	53	.1	3.6	13.2	746	2.28	3.8	1.5	5.4	.1	19	.3	.4	.2	45	.24	.111	3	4.8	.48	187	.098	1	2.25	.012	.16	<.1	.08	1.9	.2	.06	6	1.9
NMR 10	.5	4.7	5.4	48	.1	3.5	4.2	201	1.54	2.9	.7	7.6	.2	11	.1	.2	.1	38	.25	.097	3	5.4	.39	94	.104	1	1.51	.010	.12	.1	.07	1.9	.1	<.05	6	.7
RE NMR 10	.5	5.9	5.1	50	.1	3.9	4.6	210	1.70	3.0	.7	10.7	.2	10	.1	.2	.1	41	.23	.097	3	5.8	.40	95	.102	1	1.52	.009	.11	.1	.06	1.8	.1	<.05	6	.6
NMR 11	.4	5.3	12.9	59	.1	3.6	12.2	1482	1.98	3.2	.7	4.2	.1	15	.3	.4	.1	43	.22	.079	2	4.7	.46	124	.104	1	1.24	.012	.12	.1	.06	1.6	.1	<.05	6	.7
NMR 12	.4	3.9	9.2	45	.1	3.0	5.9	611	1.93	3.6	.8	3.4	.1	13	.1	.3	.1	43	.23	.080	2	5.2	.42	106	.105	<1	1.05	.011	.09	.1	.05	1.4	.1	<.05	7	.5
NMR 13	.3	3.7	3.7	44	.1	2.7	4.6	240	1.87	4.5	.7	4.9	.3	11	<.1	.1	.1	49	.36	.136	2	4.6	.50	132	.122	1	1.26	.015	.20	.1	.03	2.2	.1	<.05	5	.6
NMR 14	.3	4.2	12.6	35	.1	2.3	8.5	947	1.71	2.8	.5	11.9	.1	16	.1	.3	.2	36	.19	.052	2	3.8	.29	100	.093	1	1.20	.008	.06	.1	.09	1.3	.1	.07	7	.6
NMR 15	.2	2.5	7.8	36	.1	2.6	5.2	475	1.50	2.5	.5	1.7	.1	14	.1	.2	.1	39	.20	.043	1	4.0	.36	102	.113	1	.91	.010	.08	.1	.03	1.3	.1	<.05	6	.5
NMR 16	.3	2.4	5.4	29	.1	1.8	3.3	217	1.49	2.8	1.0	2.0	.2	15	.1	.1	.1	35	.25	.064	3	5.2	.23	70	.094	<1	1.94	.008	.04	.2	.09	1.9	.1	<.05	7	.6
NMR 17	.6	4.7	8.3	72	.1	4.6	8.0	555	2.50	34.1	10.2	4.7	.4	28	.1	.4	.1	53	.53	.111	3	8.4	.51	129	.128	1	2.75	.011	.12	.8	.06	2.7	.1	<.05	8	.8
NMR 18	.5	2.0	6.9	44	.1	2.3	5.2	1229	1.45	3.5	1.4	1.1	.1	20	.2	.2	.1	30	.29	.042	1	3.6	.32	134	.082	1	.79	.009	.07	.5	.03	1.3	.1	<.05	4	<.5
NMR 19	.3	2.6	8.9	70	.1	2.8	4.9	343	1.76	5.8	2.1	9.5	.2	16	.2	.3	.1	39	.36	.070	2	4.2	.45	112	.120	1	1.16	.008	.09	.3	.02	2.0	.1	<.05	6	<.5
NMR 20	.3	2.3	14.5	70	.1	3.0	4.8	408	1.47	4.5	1.9	6.4	.1	29	.2	.4	.1	29	.48	.052	1	3.7	.49	107	.085	1	1.04	.010	.07	.2	.06	1.7	<.1	<.05	5	<.5
NMR 21	.4	4.0	9.1	75	.1	4.1	8.6	597	1.69	7.4	5.7	8.7	.2	31	.4	.3	.1	40	.68	.114	3	5.8	.45	156	.100	1	1.48	.009	.09	.6	.06	2.2	.1	<.05	5	.7
NMR 22	.3	2.8	6.6	51	.1	3.6	5.6	754	1.70	5.2	3.1	1.3	.2	20	.3	.3	.1	38	.37	.067	3	5.2	.35	126	.101	<1	1.20	.008	.06	.2	.04	1.6	.1	<.05	7	.5
NMR 23	.4	3.3	9.4	48	.1	2.4	4.1	516	1.71	4.5	4.8	1.8	.1	29	.2	.3	.1	39	.47	.053	3	4.8	.30	143	.113	1	1.17	.008	.07	.2	.06	1.5	.1	<.05	8	.5
STANDARD	13.2	139.4	25.2	135	.3	23.9	12.2	794	3.04	18.8	6.1	43.4	2.9	55	5.5	3.8	6.3	63	.78	.098	15	185.9	.68	145	.103	15	2.10	.034	.16	4.9	.16	3.6	1.1	<.05	7	5.0

Standard is STANDARD D55. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
G-1	2.6	3.7	2.9	43	<.1	4.9	4.1	613	1.95	<.5	2.0	.6	4.7	95	<.1	<.1	.2	41	.62	.079	11	19.8	.53	238	.164	1	1.02	.133	.51	4.8	<.01	2.3	.4	<.05	5	<.5
NMR 24	.7	4.1	15.1	75	.3	3.2	11.6	852	2.84	17.6	15.0	3.7	.2	55	.6	.4	.1	54	.90	.076	5	7.9	.19	211	.107	1	4.97	.008	.03	1.0	.17	2.2	.1	<.05	19	.9
NMR 25	.3	5.4	8.9	83	.1	5.0	5.4	1017	1.58	3.5	2.1	3.3	.2	28	.3	.2	.1	34	.60	.103	3	7.5	.43	189	.106	1	1.76	.011	.12	.4	.07	1.7	.1	<.05	6	.5
NMR 26	.2	2.8	6.8	85	.1	3.6	5.5	555	1.53	3.2	1.5	1.4	.2	23	.2	.2	<.1	35	.51	.107	2	4.6	.48	157	.118	1	1.40	.014	.11	.4	.03	1.9	.1	<.05	5	<.5
NMR 27	.2	4.4	6.2	48	.1	4.2	4.5	525	1.26	3.9	1.7	2.2	.3	17	.1	.2	.1	28	.39	.086	3	5.5	.38	127	.095	1	1.41	.010	.11	.2	.05	1.6	.1	<.05	5	<.5
NMR 28	.3	5.2	8.4	58	.1	5.5	8.5	3306	1.66	5.4	1.9	3.1	.4	25	.4	.2	.1	28	.50	.072	4	7.1	.26	228	.088	1	1.68	.009	.08	.4	.09	1.8	.1	<.05	6	.5
NMR 29	.4	9.6	9.3	67	.2	10.6	6.8	566	1.98	7.6	1.4	7.0	.7	14	.1	.3	.1	39	.33	.088	4	13.1	.47	140	.132	1	2.07	.011	.16	.4	.07	2.5	.1	<.05	7	<.5
NMR 30	.4	6.8	7.9	63	.2	6.8	4.5	296	2.52	6.4	2.9	2.1	.8	28	.1	.3	.3	39	.55	.067	5	12.8	.30	152	.124	2	2.86	.010	.09	.6	.10	2.6	.1	<.05	12	.9
NMR 31	.5	17.3	19.2	109	.6	13.0	17.3	2527	2.20	19.9	17.2	6.7	.4	30	.8	.5	.1	37	.63	.132	10	16.0	.42	256	.091	1	7.08	.010	.12	.9	.16	3.5	.3	<.05	7	1.4
NMR 32	.3	8.2	18.7	94	.3	5.3	15.6	1324	1.55	6.9	5.7	2.7	.2	44	.4	.3	.1	27	.81	.133	5	8.4	.27	252	.082	2	5.35	.008	.09	.5	.14	2.7	.1	<.05	7	1.4
NMR 33	.3	6.4	11.5	62	.1	6.2	6.0	385	2.20	6.8	2.5	2.3	.5	29	.3	.3	.1	44	.60	.077	4	11.1	.49	205	.151	1	1.69	.011	.12	.4	.05	2.5	.1	<.05	7	.5
NMR 34	.3	5.0	12.5	81	.2	4.7	6.0	645	2.03	8.8	4.2	13.6	.3	32	.4	.3	.1	40	.66	.100	4	7.5	.45	210	.107	2	2.12	.011	.10	.5	.07	2.1	.1	<.05	6	1.0
NMR 35	.4	10.0	19.7	157	.3	5.9	9.3	1501	1.72	6.7	20.1	2.2	.1	56	1.3	.4	.1	29	1.07	.115	6	8.3	.35	318	.088	3	4.02	.010	.07	.2	.13	2.3	.1	<.05	5	1.7
NMR 36	.4	8.0	17.4	200	.5	8.5	7.3	382	2.15	14.6	25.6	4.6	.5	39	.9	.5	.1	36	.77	.077	6	10.4	.47	271	.138	2	5.98	.010	.11	2.0	.10	3.8	.1	<.05	5	1.6
NMR 37	.3	4.3	7.8	64	.1	3.9	6.7	645	2.01	6.3	3.7	4.3	.4	17	.2	.3	.1	41	.43	.110	3	6.8	.46	136	.140	1	1.82	.011	.13	.8	.07	2.1	.1	<.05	8	.7
NMR 38	.2	3.9	7.4	48	.1	3.5	5.3	365	1.60	6.5	5.0	5.2	.2	21	.1	.4	.1	37	.54	.144	3	5.1	.51	137	.129	1	1.56	.012	.14	1.3	.07	1.9	.1	<.05	5	.9
RE NMR 38	.3	5.0	7.9	50	.1	3.9	5.6	359	1.63	6.6	4.9	5.9	.2	22	.1	.4	.1	37	.55	.140	3	5.0	.50	147	.128	1	1.51	.011	.15	1.3	.05	1.7	.1	<.05	6	.8
EH 1	2.0	64.0	65.9	225	.3	19.1	96.9	3201	3.95	4.1	.5	.9	.1	79	2.1	.8	.2	25	1.31	.088	9	6.9	.26	173	.030	3	1.90	.010	.03	.2	.18	2.3	.3	.10	3	5.5
EH 2	5.6	70.7	60.7	84	.2	4.0	3.7	223	5.33	4.8	.3	2.0	.4	19	.2	.3	.5	64	.27	.068	3	8.7	.51	107	.144	1	2.23	.023	.22	.2	.13	4.1	.1	.06	8	1.2
EH 3	5.8	78.4	17.6	89	.2	3.8	11.8	293	1.35	29.6	.7	8.8	.2	15	.5	.4	.1	21	.47	.085	6	6.8	.24	61	.044	6	2.83	.012	.06	.5	.31	3.6	.1	<.05	5	1.3
EH 4	2.4	24.5	20.7	40	.1	3.6	5.9	282	2.56	22.5	.2	1.2	.3	11	.1	1.3	.2	59	.21	.042	2	9.4	.49	60	.093	2	1.00	.013	.12	1.3	.10	3.2	.1	.07	4	1.5
EH 5	6.7	271.8	25.3	151	.4	6.8	15.8	125	1.79	32.8	1.3	2.7	.3	17	.6	.3	.1	17	.35	.153	8	12.2	.05	37	.032	3	13.44	.004	.01	.4	.32	4.7	.1	<.05	3	3.6
EH 6	9.4	87.8	23.7	110	.2	7.3	53.9	2379	2.50	6.9	.8	1.7	.4	13	.4	.7	.2	30	.25	.051	5	9.2	.25	83	.064	2	2.19	.014	.07	.3	.19	3.1	.2	<.05	7	1.4
EH 7	3.2	32.4	7.0	74	.1	5.7	9.0	666	1.98	23.3	6.5	<.5	.4	41	.2	1.0	.1	51	.74	.066	3	10.7	.48	98	.086	7	1.66	.016	.10	.6	.08	3.1	.1	<.05	5	1.7
EH 8	16.1	29.4	16.3	86	.1	8.8	31.4	1049	4.10	19.4	1.5	<.5	.4	31	.3	1.3	.2	85	.47	.064	3	20.5	.43	100	.124	2	2.79	.009	.09	.3	.10	3.5	.1	<.05	8	1.1
EH 9	2.6	64.4	6.6	107	.1	26.9	30.9	421	1.65	18.4	1.1	.8	.2	64	.4	.7	.1	35	.93	.075	8	12.2	.43	85	.065	4	2.15	.018	.07	.2	.13	3.6	.1	.08	3	2.4
EH 10	6.3	40.1	7.0	176	.3	13.6	25.2	721	4.95	38.9	1.9	1.0	.4	39	.3	.7	.1	98	.77	.096	4	32.3	.56	149	.145	3	4.93	.008	.12	.1	.15	6.2	.1	<.05	8	1.9
EH 11	2.7	44.1	4.2	42	.1	5.4	6.1	267	3.00	10.6	.4	5.9	.6	10	.1	.4	.2	66	.24	.043	2	9.5	.43	66	.118	1	1.08	.022	.10	2.8	.04	3.1	.1	<.05	5	.7
EH 12	.8	45.5	3.4	65	<.1	58.2	13.0	230	1.98	7.0	.4	.8	1.0	12	.2	.5	.1	60	.35	.083	4	35.0	.57	157	.132	1	1.47	.015	.25	.1	.03	3.4	.1	<.05	6	.5
EH 13	1.0	21.5	10.2	101	.1	37.3	24.3	467	2.17	7.3	.4	1.1	.6	21	.1	.4	.1	60	.38	.075	4	33.6	.59	178	.150	2	1.88	.015	.20	.1	.05	3.0	.1	<.05	7	.8
EH 14	.7	29.6	8.6	82	.1	30.7	22.2	580	1.61	4.3	.4	.5	.3	39	.4	2.0	.1	45	.68	.071	7	27.7	.50	192	.111	3	1.30	.012	.17	.5	.05	2.9	.2	<.05	5	1.4
EH 15	.6	12.3	9.3	104	.1	14.5	11.9	665	2.02	26.7	1.6	.9	.3	37	.2	.5	.1	57	.70	.064	4	26.3	.57	131	.137	2	2.14	.012	.08	.2	.06	2.9	.1	<.05	6	.7
EH 16	.6	12.3	7.1	65	.1	10.0	11.1	522	2.41	5.7	.5	.6	.4	13	.1	.4	.1	51	.28	.089	3	18.2	.51	108	.114	1	2.29	.015	.13	.2	.06	2.7	.1	<.05	8	.5
EH 17	1.6	11.1	11.1	90	.1	9.0	10.8	990	2.60	11.1	1.6	<.5	.3	41	.2	.9	.1	54	.70	.105	4	18.6	.50	170	.127	3	2.88	.010	.08	.1	.09	3.3	.1	<.05	7	.7
MRB 1	.7	30.1	4.6	100	.1	41.9	12.0	386	3.11	6.6	.6	1.9	2.2	11	.1	.6	.1	60	.24	.070	8	57.2	.85	211	.129	1	1.59	.011	.35	.1	.05	4.6	.2	<.05	7	.7
STANDARD	12.7	145.1	25.5	134	.3	25.0	12.2	797	2.98	17.6	6.0	43.9	2.7	50	5.6	3.6	6.0	58	.75	.090	12	181.8	.65	133	.104	16	1.99	.034	.13	5.0	.19	3.4	1.1	<.05	7	4.9

Standard is STANDARD DS5. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



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	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
G-1	2.3	3.6	2.8	46	<.1	4.7	4.3	579	2.11	<.5	2.0	.7	4.7	92	<.1	<.1	.2	40	.67	.075	11	19.8	.57	234	.148	1	1.14	.125	.55	5.1	<.01	2.5	.3	<.05	5	<.5
MRB 2	1.2	53.5	5.5	160	.1	75.9	17.6	552	4.62	8.4	.6	<.5	3.5	13	.1	.9	.1	95	.33	.074	10	121.5	1.49	287	.156	2	2.16	.011	.59	.1	.06	7.3	.3	<.05	9	.7
MRB 3	1.4	57.4	6.1	160	.1	61.9	18.0	543	4.42	18.4	.7	<.5	3.1	18	.1	1.4	.1	82	.38	.080	11	78.3	1.15	220	.117	2	1.70	.010	.39	.1	.08	7.1	.2	<.05	7	1.0
MRB 4	2.3	83.9	17.2	187	.2	74.6	22.7	884	4.50	11.4	3.0	<.5	1.6	69	.3	1.9	.1	93	1.11	.100	10	76.6	1.11	291	.130	4	2.03	.014	.48	.1	.15	8.3	.3	.07	7	6.4
MRB 5	1.0	30.6	12.1	105	.1	29.3	12.5	578	2.48	4.7	.9	<.5	1.0	36	.2	.6	.1	49	.54	.093	7	36.3	.60	125	.067	1	1.43	.007	.15	.4	.08	3.4	.1	<.05	4	1.2
MRB 6	1.5	12.9	5.5	38	.1	7.3	3.9	188	2.45	6.5	.7	1.1	.7	9	<.1	.3	.1	50	.14	.032	4	17.9	.34	60	.087	1	2.00	.010	.08	.2	.05	2.5	.1	<.05	8	.9
MRB 7	.7	14.4	4.3	50	<.1	10.5	6.0	294	1.40	4.3	.6	.5	.9	12	.1	.3	.1	33	.24	.045	4	17.0	.45	93	.084	<1	1.41	.012	.14	.1	.04	2.9	.1	<.05	4	<.5
MRB 8	1.1	15.7	5.6	61	<.1	13.8	13.8	1047	1.87	4.5	.5	24.9	.9	16	.1	.3	.1	41	.28	.060	5	17.6	.49	133	.092	<1	1.55	.015	.16	.2	.04	2.7	.1	<.05	5	<.5
MRB 9	1.1	25.0	2.2	41	<.1	9.1	5.5	133	1.65	2.5	.4	.5	.4	9	<.1	.3	<.1	43	.17	.042	3	12.3	.45	128	.094	1	1.36	.014	.18	.1	.02	3.1	.1	<.05	4	<.5
MRB 10	.7	33.0	1.4	53	<.1	43.1	10.0	188	1.94	2.6	.4	<.5	.6	10	.1	.4	<.1	48	.25	.063	2	68.2	.75	162	.094	1	1.10	.010	.22	<.1	.01	3.4	.1	<.05	4	<.5
MRB 11	.6	22.9	1.7	41	<.1	12.6	7.9	211	1.46	6.2	.4	<.5	.4	12	.1	1.2	<.1	36	.30	.071	2	13.4	.49	128	.076	<1	.87	.011	.17	.1	.01	2.5	.1	<.05	3	.5
MRB 12	1.5	26.7	2.6	74	.1	7.6	7.4	221	2.06	4.4	.5	.6	.3	14	.2	.3	<.1	56	.29	.066	2	11.3	.50	237	.116	1	1.21	.010	.25	.3	.02	4.2	.1	<.05	4	1.2
MRB 13	2.3	19.1	2.7	102	.1	6.7	9.0	581	2.80	3.2	.4	<.5	.4	14	.5	.2	<.1	80	.26	.044	2	14.3	.51	267	.170	1	1.92	.014	.28	.1	.03	6.1	.2	<.05	6	1.3
MRB 14	2.4	30.4	2.5	55	<.1	5.7	11.3	911	2.63	3.2	.4	.8	.4	13	.1	.3	<.1	57	.18	.058	2	9.8	.51	187	.114	<1	1.83	.021	.28	.3	.02	4.9	.2	<.05	5	.9
MRB 15	1.7	13.4	1.8	132	.1	6.1	5.4	441	2.52	.5	.3	<.5	.3	14	.5	.1	<.1	79	.30	.034	2	14.0	.59	357	.218	<1	1.35	.010	.40	<.1	.01	9.1	.2	<.05	5	1.3
MRB 16	1.1	23.9	4.9	54	.1	4.8	8.7	315	2.90	4.1	.3	.8	.4	16	.1	.2	.1	86	.22	.060	2	13.8	.57	198	.159	1	2.26	.022	.31	.1	.05	5.1	.2	<.05	8	.9
MRB 17	1.3	22.2	2.3	102	.1	10.1	6.4	125	1.95	1.6	.9	<.5	.3	11	.5	.5	<.1	61	.26	.046	2	11.9	.49	184	.105	<1	1.27	.012	.16	<.1	.02	3.5	.1	<.05	4	1.4
RE MRB 17	1.4	22.1	2.3	105	.1	10.2	6.0	119	1.89	1.4	.8	<.5	.3	11	.6	.6	<.1	61	.27	.046	2	11.6	.49	178	.109	<1	1.30	.013	.17	<.1	.02	3.7	.1	<.05	4	1.0
KCS 1	.9	22.3	10.6	112	.1	11.7	37.4	1190	2.49	15.7	.4	.9	.3	25	.5	.9	.1	59	.47	.058	4	11.8	.51	141	.096	2	1.98	.014	.16	1.3	.09	3.7	.1	<.05	5	1.2
KCS 2	.7	8.1	7.0	20	<.1	4.0	2.0	64	.89	1.4	.2	<.5	.3	16	.1	.3	.1	32	.20	.032	3	11.0	.34	45	.072	<1	1.11	.010	.06	.2	.06	2.0	<.1	<.05	5	.6
KCS 3	1.1	20.8	8.5	43	.1	7.8	10.5	212	3.43	4.1	.5	<.5	.9	17	.2	.5	.2	88	.28	.056	4	21.0	.51	124	.147	1	2.31	.010	.21	.1	.07	3.5	.1	<.05	7	.8
PBC A1	1.9	25.1	5.0	55	.1	8.0	6.5	533	2.16	14.6	.5	12.3	.4	15	.1	.4	.1	50	.29	.047	3	13.0	.50	105	.093	1	2.17	.024	.14	.4	.06	4.0	.1	<.05	6	.7
PBC A2	5.3	17.4	10.6	53	.1	7.1	12.1	832	3.77	28.5	.6	5.1	.6	10	.1	.5	.2	85	.17	.033	3	14.5	.52	50	.161	1	2.15	.012	.08	.6	.07	3.5	.1	<.05	11	.5
PBC A8	2.5	30.0	7.7	96	.1	8.1	10.8	1089	2.54	40.6	.6	2.9	.4	28	.3	.5	.1	58	.51	.056	2	12.0	.57	113	.116	1	2.25	.026	.13	.8	.06	4.3	.1	<.05	6	.9
PBC A4	1.5	31.4	12.9	51	.1	6.7	21.9	2098	2.69	19.4	.4	1.3	.5	10	.1	.3	.2	58	.23	.044	2	11.3	.52	90	.116	1	2.64	.022	.11	.8	.07	4.6	.1	<.05	8	.6
PBC A5	3.5	25.4	9.6	43	.1	4.1	6.8	354	2.26	11.5	.3	1.8	.3	10	.1	.8	.1	52	.20	.038	2	7.8	.55	68	.096	1	1.23	.015	.13	1.3	.08	3.6	.1	<.05	5	<.5
PBC A6	2.2	29.1	8.0	52	.1	5.7	7.7	379	2.58	11.2	.3	2.1	.4	9	.1	.6	.1	56	.19	.032	2	9.3	.62	76	.103	1	1.27	.015	.16	1.2	.06	4.0	.1	<.05	5	<.5
ANMR 1	.4	8.8	4.5	37	.1	6.0	3.4	193	1.46	4.5	.8	<.5	.9	10	.1	.2	.1	33	.24	.058	5	10.8	.31	96	.094	1	1.61	.011	.14	.2	.05	2.4	.1	<.05	6	<.5
ANMR 2	.2	6.1	1.9	25	.1	5.2	2.7	152	.91	3.4	1.2	<.5	.7	9	.1	.1	<.1	18	.26	.069	5	7.2	.24	90	.054	1	1.11	.010	.11	.1	.04	2.4	<.1	<.05	2	<.5
FCM 1	1.4	39.4	4.7	53	.1	42.7	12.8	350	2.26	38.6	.5	1.2	.7	16	.1	1.3	.1	60	.40	.075	3	49.7	1.02	158	.124	2	1.46	.021	.21	.2	.08	4.4	.1	<.05	5	.7
FCM 2	.4	16.3	1.1	15	<.1	9.4	4.0	101	.61	3.2	.5	<.5	1.4	13	<.1	.7	<.1	15	.33	.099	5	9.9	.23	71	.039	1	.42	.015	.13	.1	.02	1.5	.1	<.05	1	<.5
AMK 1	1.5	30.8	5.3	59	.2	39.8	8.0	241	2.51	22.7	.9	.9	.3	21	.3	1.4	<.1	54	.37	.112	4	38.7	.52	145	.063	2	1.05	.012	.14	1.0	.08	2.8	.1	.15	3	3.7
AMK 2	.9	51.5	10.3	108	.1	45.0	39.6	618	2.19	2.6	2.1	<.5	.7	37	.3	.6	.1	67	.54	.093	8	44.3	.70	189	.116	3	2.33	.070	.33	.1	.11	4.1	.2	.06	6	2.3
AMK 3	1.3	34.0	5.1	77	.3	38.2	9.5	604	1.47	21.9	1.8	365.6	.6	22	.3	.9	.3	47	.41	.056	5	31.6	.52	164	.097	2	1.25	.010	.21	1.4	.08	3.8	.1	<.05	4	1.2
AMK 4	1.1	15.0	6.4	82	.1	37.2	9.2	245	1.74	28.6	.6	2.0	.6	36	.1	.6	.1	56	.55	.039	4	32.1	.54	94	.103	1	1.32	.010	.14	.2	.04	2.7	.1	<.05	5	2.0
STANDARD	12.5	146.4	25.3	139	.3	24.7	12.7	812	3.02	18.3	6.1	43.0	2.8	50	5.8	3.8	6.1	62	.77	.095	13	189.7	.68	137	.101	16	2.13	.035	.15	5.2	.18	3.6	1.0	<.05	7	5.0

Standard is STANDARD DS5. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	2.6	3.3	3.1	50	<.1	5.0	4.4	669	2.22	<.5	2.3	.5	5.4	99	<.1	<.1	.2	46	.67	.078	12	21.0	.62	288	.159	1	1.15	.145	.55	4.3	<.01	2.8	.4	<.05	6	<.5
AMK 5	3.9	25.4	8.8	159	.2	44.7	16.5	348	3.64	59.1	.6	.8	1.0	38	.2	1.0	.2	107	.50	.042	5	56.4	.75	141	.203	1	2.29	.009	.17	.3	.07	4.5	.2	<.05	11	1.8
AMK 6	1.6	17.1	5.2	84	.1	32.2	13.6	483	2.41	30.7	.4	7.3	.7	22	.1	2.1	.1	54	.28	.039	4	38.9	.55	108	.093	1	1.28	.013	.15	.2	.04	3.6	.1	<.05	5	.6
AMK 7	1.3	60.1	7.2	111	.1	48.2	17.7	381	3.07	21.8	.7	1.4	1.8	12	.1	1.6	.1	97	.32	.114	5	67.0	1.02	331	.153	<1	1.85	.022	.64	.1	.05	5.3	.2	<.05	7	.7
AMK 8	1.4	63.5	7.9	145	.3	102.3	33.9	668	2.51	43.5	2.4	2.1	.6	51	.3	2.6	.1	69	.83	.087	8	53.4	.83	297	.141	2	1.88	.018	.34	.2	.11	4.6	.2	<.05	6	2.9
AMK 9	2.0	71.0	9.2	153	.4	161.7	34.3	892	2.27	57.5	4.4	2.3	.4	88	.6	3.9	.1	63	1.51	.077	10	51.1	.74	322	.105	3	1.79	.015	.31	.2	.18	4.4	.2	.06	6	5.5
AMK 10	.9	41.5	3.5	72	.1	62.0	13.9	324	2.59	5.0	.8	<.5	1.0	14	.1	.4	.1	72	.31	.106	5	62.2	.95	287	.185	<1	1.86	.014	.49	.1	.05	4.2	.2	<.05	7	<.5
AMK 11	1.1	38.4	9.8	120	.2	42.0	26.5	2106	2.53	6.0	.7	3.5	.4	23	.3	.5	.1	61	.34	.107	6	46.5	.61	312	.132	2	2.21	.015	.21	.1	.11	2.9	.2	<.05	7	.7
AMK 12	1.4	38.5	7.9	163	.2	78.1	23.2	1311	3.45	11.0	1.3	<.5	1.1	26	.3	.5	.1	80	.42	.164	9	46.5	.88	431	.189	1	3.52	.013	.40	.2	.13	4.9	.3	<.05	10	.9
AMK 13	2.9	43.3	5.8	100	.1	31.5	14.1	553	3.06	6.9	1.0	1.3	1.8	14	.1	1.1	.2	75	.21	.081	7	45.0	.67	256	.152	<1	1.97	.011	.31	.1	.05	4.1	.2	<.05	8	.7
AMK 14	2.7	47.9	6.1	107	.2	33.1	15.0	620	3.20	6.5	.9	1.0	1.3	14	.1	1.5	.1	71	.19	.082	6	42.3	.62	217	.146	<1	2.37	.011	.27	.2	.09	4.4	.2	<.05	9	1.2
AMK 15	.9	16.4	3.8	76	.1	27.4	9.5	480	1.78	13.5	.9	1.5	1.1	19	.2	.4	.1	56	.38	.086	5	32.6	.54	150	.103	<1	1.13	.014	.22	.2	.04	2.8	.1	<.05	4	.9
AMK 16	1.1	27.1	5.1	76	.1	24.9	10.0	278	2.16	5.4	1.3	.5	1.1	16	.1	.7	.1	71	.34	.087	4	46.6	.77	186	.139	1	1.69	.020	.36	.1	.05	4.1	.1	<.05	6	<.5
AMK 17	1.1	23.2	13.8	92	.1	20.5	14.0	1088	2.36	8.2	1.5	1.2	.8	34	.2	.7	.1	66	.49	.077	5	37.8	.61	167	.111	1	2.21	.018	.21	.2	.12	3.9	.1	<.05	7	.9
AMK 18	1.0	18.9	9.2	96	.1	18.8	11.8	860	2.30	7.8	1.3	<.5	.8	27	.1	.6	.1	73	.40	.073	4	38.7	.76	167	.125	2	1.80	.016	.28	.1	.08	3.9	.2	<.05	6	.8
AMK 19	.9	32.7	6.2	91	.1	28.3	11.6	360	2.61	7.3	1.0	1.0	1.1	21	.1	.8	.1	85	.42	.096	5	54.6	.93	220	.163	<1	2.07	.026	.44	.3	.06	5.1	.2	<.05	8	.8
AMK 20	.8	28.0	4.5	68	.1	20.8	8.9	246	1.97	4.1	5.1	1.6	.7	35	.1	.5	.1	64	.72	.093	4	39.8	.69	173	.121	1	1.34	.022	.32	.3	.05	3.3	.1	<.05	5	1.5
AMK 21	1.7	81.6	10.3	121	.3	162.2	42.8	1009	2.63	37.0	5.3	4.4	.2	60	.6	2.8	.1	73	1.34	.114	7	81.5	.90	372	.096	3	2.24	.020	.29	2.4	.22	5.7	.2	.07	6	8.7
AMK 22	.7	25.4	7.0	83	.1	20.2	9.2	352	2.05	4.2	1.4	1.5	.9	24	.1	.8	.1	70	.45	.089	4	39.4	.75	167	.130	1	1.79	.018	.30	.2	.06	3.9	.1	<.05	6	<.5
AMK 23	1.0	15.5	7.6	78	.1	15.7	9.5	732	2.06	6.7	1.4	<.5	.7	32	.1	.4	.1	64	.51	.086	5	34.7	.71	145	.118	1	1.59	.016	.23	.1	.09	3.4	.1	<.05	6	.6
AMK 24	1.2	20.8	9.7	52	.2	11.5	10.0	213	1.96	2.6	.5	3.8	.3	11	.3	.2	.1	72	.15	.053	3	28.7	.59	110	.110	1	1.38	.013	.27	.1	.07	2.3	.1	<.05	6	<.5
RE AMK 24	1.2	22.8	11.0	59	.2	12.4	10.6	218	2.06	2.7	.5	<.5	.3	11	.3	.2	.1	76	.14	.054	3	29.5	.60	118	.108	1	1.44	.014	.28	.1	.08	2.4	.1	<.05	7	.7
PB 1	2.1	32.0	3.6	26	<.1	3.0	3.5	196	1.82	3.6	.2	1.4	.4	11	.1	.2	.1	54	.28	.043	1	5.5	.33	56	.064	<1	.64	.021	.09	3.1	.02	2.5	.1	<.05	3	<.5
PBC 1	2.9	25.5	12.3	41	.1	6.9	5.5	223	2.50	60.6	.5	21.8	.1	10	.1	2.0	.2	59	.15	.056	2	12.6	.57	77	.107	1	1.38	.015	.18	1.0	.34	3.0	.1	<.05	8	.6
HCKSLT 1	3.3	37.8	18.2	144	.1	36.5	18.3	859	3.78	12.2	3.1	1.8	3.0	27	.2	.3	.2	75	.50	.073	10	50.7	1.03	139	.148	2	2.11	.011	.18	.2	.07	6.9	.1	<.05	8	1.2
HCKSLT 2	.7	13.7	2.6	35	<.1	20.1	5.4	187	1.10	2.4	.6	<.5	.8	8	<.1	.1	<.1	27	.19	.050	4	21.4	.43	88	.067	<1	.69	.009	.13	.2	.02	2.4	.1	<.05	3	<.5
HCKSLT 3	2.9	31.8	18.4	134	.1	33.3	17.1	800	3.70	11.9	2.9	1.7	3.1	25	.1	.3	.2	75	.49	.072	9	48.5	1.06	143	.142	2	2.03	.011	.18	.2	.06	7.0	.1	<.05	8	1.0
SKSLT 1	.4	34.6	4.3	60	<.1	8.2	10.3	204	2.10	3.9	.3	2.0	.4	18	<.1	.1	.1	75	.39	.062	2	13.6	.75	152	.128	1	1.28	.020	.23	.1	.01	2.7	.1	<.05	5	.5
SKSLT 2	1.1	8.7	3.2	156	<.1	1.6	3.5	321	1.24	1.6	.3	1.0	.2	11	1.8	.2	.1	22	.27	.029	1	4.7	.20	47	.068	1	.69	.008	.06	.2	.03	1.5	.1	<.05	3	<.5
SKSLT 3	2.1	15.9	4.1	56	<.1	3.0	4.7	349	1.50	4.1	.3	1.2	.3	10	.3	.2	.1	28	.23	.046	1	4.5	.35	63	.073	<1	.80	.013	.11	.7	.04	2.1	.1	<.05	3	.5
SKSLT 4	.5	82.8	1.3	31	<.1	46.7	18.6	206	1.62	3.0	.2	1.7	.3	31	<.1	.2	<.1	49	.48	.073	1	30.6	.46	63	.070	1	.89	.039	.09	.1	.03	2.3	<.1	<.05	3	<.5
SKSLT 5	1.2	68.2	1.5	31	<.1	31.8	14.7	177	1.46	7.2	.3	1.5	.3	23	<.1	.2	<.1	52	.43	.072	1	27.7	.48	64	.069	1	.86	.028	.08	.2	.02	1.9	<.1	<.05	3	.6
LPB 1	2.3	17.5	9.1	37	.1	2.7	10.3	726	1.95	6.3	.2	5.6	.2	6	.2	.4	.1	38	.14	.032	1	5.4	.39	41	.058	2	.97	.088	.06	.4	.09	2.7	.1	<.05	4	.7
LPB 2	1.8	21.0	1.6	19	<.1	1.9	3.6	140	1.05	3.2	.2	1.0	.3	6	<.1	.2	<.1	21	.18	.051	1	3.3	.19	36	.042	1	.48	.011	.07	.5	.01	1.7	<.1	<.05	2	<.5
AOMR 1	.9	11.4	8.3	45	.1	8.7	8.1	743	1.79	6.2	1.5	1.0	.5	9	.1	.3	.1	38	.12	.054	5	14.1	.35	80	.068	1	1.84	.008	.09	.1	.09	2.5	.1	<.05	7	.7
STANDARD	13.3	145.6	26.0	144	.3	25.1	12.5	818	2.99	18.7	6.1	44.0	2.7	49	5.7	3.8	6.3	61	.77	.099	13	190.8	.69	139	.100	17	2.12	.035	.14	5.0	.19	3.6	1.0	<.05	7	4.8

Standard is STANDARD DS5. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	2.2	3.5	2.9	45	<.1	5.3	4.4	604	2.06	.5	2.2	.6	5.1	89	<.1	<.1	.2	41	.62	.076	12	20.3	.56	252	.145	1	1.11	.117	.51	4.9	<.01	2.6	.4	<.05	5	<.5
SB 15	2.4	33.9	6.9	164	.1	41.4	11.7	334	2.52	14.6	.8	1.6	.8	16	1.4	1.4	.1	55	.34	.055	4	17.4	.55	136	.066	2	1.01	.011	.12	.6	.14	3.9	.1	.06	3	1.7
SB 16	.7	81.4	5.7	245	.1	164.9	15.8	340	2.98	43.4	.7	1.2	1.0	13	.3	1.4	.1	71	.37	.072	5	50.9	.91	187	.142	2	2.02	.014	.23	1.8	.07	5.8	.1	<.05	6	.6
SB 17	.9	19.0	7.8	57	.1	10.6	8.0	252	2.09	15.0	.3	.5	.9	15	.1	.7	.1	54	.25	.066	3	15.0	.57	112	.084	1	1.45	.010	.18	.7	.07	2.8	.1	<.05	5	<.5
SB 18	4.6	46.3	9.1	221	.1	21.0	24.7	534	7.95	47.0	1.4	.9	1.6	16	.2	1.1	.1	86	.36	.082	8	28.9	.86	153	.166	1	5.26	.012	.21	1.2	.19	8.0	.2	<.05	8	1.1
SB 19	1.0	26.4	7.1	95	.1	39.0	13.0	240	1.95	12.0	.5	1.1	.4	23	.3	1.1	.1	50	.43	.058	2	27.4	.55	109	.071	1	1.38	.014	.08	.7	.09	3.1	.1	.09	4	1.6
SB 20	1.4	20.0	10.3	72	.1	8.1	7.9	169	2.06	29.6	.3	1.2	.4	17	.3	.7	.1	53	.39	.043	3	11.8	.26	69	.057	1	1.79	.007	.05	.3	.11	3.3	.1	.06	5	1.1
SB 21	1.2	26.6	4.0	93	.1	50.9	12.8	446	2.30	18.6	.5	.7	.6	21	.2	1.3	.1	61	.33	.045	2	35.2	.71	113	.083	1	1.88	.019	.11	.6	.06	4.1	.1	<.05	5	.8
SB 22	1.4	24.2	5.1	102	.1	47.1	19.1	773	1.97	25.9	.7	.8	.5	21	.3	1.1	.1	50	.36	.040	3	26.7	.51	114	.069	1	1.66	.013	.08	1.2	.07	3.2	.1	<.05	4	1.1
SB 23	.8	20.3	3.7	66	.1	48.0	12.1	437	1.51	11.8	.5	<.5	.4	20	.2	.9	<.1	36	.34	.045	2	26.4	.45	100	.059	1	1.06	.015	.08	.6	.05	2.1	.1	<.05	3	1.1
SB 24	.8	72.5	4.4	87	.1	81.6	64.9	608	2.44	22.6	.4	.8	.3	49	.2	1.0	<.1	52	.76	.061	2	27.7	.63	87	.066	2	1.55	.047	.09	.6	.08	3.6	.1	<.05	4	1.5
SB 25	1.2	37.5	5.7	62	.1	42.3	16.6	489	2.19	21.0	.6	.7	.6	29	.2	2.1	.1	53	.50	.067	3	43.2	.91	101	.071	2	1.64	.023	.09	1.0	.08	3.0	.1	<.05	4	1.9
SB 26	.9	38.7	2.9	72	.1	113.4	16.6	268	2.05	7.7	.4	<.5	.8	11	.2	.8	.1	51	.32	.062	3	81.9	1.23	127	.093	1	1.47	.018	.17	.3	.04	5.2	.1	<.05	4	.9
SB 27	1.2	67.6	3.9	77	.1	53.7	24.5	366	2.35	4.3	.5	<.5	.8	9	.2	.5	.1	57	.24	.077	4	88.3	.74	165	.104	1	1.63	.013	.25	.3	.05	2.8	.3	<.05	4	1.6
SB 28	1.3	33.2	6.2	73	.1	29.7	10.1	303	2.84	6.6	.6	.5	1.2	12	.1	.6	.1	84	.17	.117	4	49.2	.72	194	.166	1	2.24	.016	.32	.4	.07	4.6	.1	<.05	9	.6
SB 29	2.9	39.7	14.5	158	.3	43.2	17.4	629	3.59	79.4	1.5	5.0	1.0	30	.2	6.0	.2	91	.40	.083	7	48.7	.62	224	.047	1	2.16	.010	.24	.6	.11	5.0	.2	<.05	9	.9
SB 30	.9	21.9	2.9	56	.1	32.0	8.4	207	1.30	14.5	.7	.8	.9	18	.1	.4	.1	42	.33	.080	4	26.3	.47	115	.077	<1	.95	.012	.24	.2	.04	2.5	.1	<.05	3	.7
RE SB 30	.8	20.7	2.5	53	.1	30.1	8.0	194	1.21	13.6	.6	1.3	.9	17	.1	.4	.1	38	.32	.080	4	24.7	.47	108	.071	<1	.89	.012	.22	.2	.03	2.5	.1	<.05	3	.7
SB 31	1.5	40.1	5.2	72	.1	32.7	9.9	203	2.75	11.6	.7	1.4	1.7	19	.1	.7	.1	81	.26	.083	5	47.0	.68	143	.133	1	3.29	.018	.28	.3	.08	4.6	.1	<.05	8	.8
SB 32	1.0	33.3	3.9	84	.3	43.5	13.5	196	2.05	21.3	1.3	1.7	1.1	21	.1	1.0	.1	76	.37	.101	6	48.6	.81	176	.127	1	1.68	.017	.39	.3	.06	4.2	.2	<.05	5	1.5
SB 33	1.0	34.0	5.0	82	.1	40.0	12.0	286	2.18	9.3	1.1	1.3	1.3	18	.1	.5	.1	69	.25	.090	6	42.6	.68	204	.137	1	2.00	.016	.34	.3	.06	4.0	.2	<.05	6	.7
SB 34	1.9	34.0	2.8	130	.1	78.1	19.1	1951	3.68	2.3	.6	1.0	1.0	11	.5	.4	<.1	75	.23	.096	4	139.1	1.18	225	.187	<1	2.23	.014	.49	.2	.05	5.5	.3	<.05	6	1.2
SB 35	.6	38.3	4.4	69	.1	36.9	10.7	250	2.24	6.9	.7	1.2	1.7	15	<.1	1.7	.1	70	.24	.102	6	45.4	.69	208	.138	1	2.45	.018	.36	.3	.06	4.5	.2	<.05	7	.5
SB 36	1.1	59.8	5.8	119	.2	52.1	15.3	213	3.51	6.8	.8	1.3	1.9	10	.1	.4	.1	127	.17	.102	7	81.3	1.27	309	.234	<1	3.70	.027	.71	.3	.08	6.8	.3	<.05	11	<.5
STANDARD	13.1	138.6	26.2	131	.3	24.2	12.2	796	2.99	17.2	64.2	45.0	2.9	49	5.8	4.0	6.5	64	.76	.092	13	179.5	.66	135	.106	17	2.16	.034	.14	5.0	.18	3.7	1.1	<.05	7	5.0

Standard is STANDARD D55. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Nicholson & Assoc. PROJECT INTER. PERUMINAS File # A302576
1210 - 675 W. Hastings St, Vancouver BC V6B 1N2 Submitted by: George Nicholson

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	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
G-1	2.6	4.2	2.7	52	<1	5.8	4.7	657	2.28	<5	2.1	<5	4.8	95	<1	<1	1	45	.63	.084	12	21.8	61	244	.146	1.1	.29	.146	53	4.7	<0.01	2.7	4	<0.05	6	<5
BCM 1 MM	1.2	22.5	3.5	32	<1	4.1	5.2	206	1.49	7.2	9	6	5	15	<1	2	<1	39	40	.099	2	6.6	33	71	.059	<1	.73	.028	13	1	.02	2.7	1	<0.05	2	<5
SKSLT 1 MM	6	42.0	5.1	52	.1	9.0	14.8	306	2.06	4.3	4	1.3	5	25	1	2	1	80	49	.095	3	18.2	60	142	.094	1.1	.37	.026	18	1	.03	2.4	1	.09	4	6
SK 2 MM	4	154.3	5.2	55	<1	67.7	19.1	214	2.32	5.1	6	2.6	8	35	1	2	1	136	71	.172	4	74.3	73	94	.123	1.1	.30	.043	13	1	.03	2.3	1	.06	4	7
SK 3 MM	3.9	19.9	7.0	67	.1	2.9	7.1	589	1.82	5.6	7	12.8	3	13	4	3	1	34	.33	.061	2	4.6	34	57	.065	1.1	.01	.013	12	1.4	.05	2.2	1	<0.05	4	8
SKCK 3A MM	4	152.3	4.9	37	.1	59.5	16.8	203	2.40	5.6	7	4.6	1.0	32	1	2	<1	160	68	.185	4	84.2	66	80	.114	1.1	.19	.038	13	1	.03	2.2	<1	.06	4	5
MLW 3 MM	9	194.1	1.5	41	.1	155.3	51.0	322	2.22	1.2	1	2.9	1	53	3	1	<1	59	58	.075	2	59.5	78	88	.078	2	1.53	.035	10	1	.03	2.1	<1	<0.05	4	2.3
MR 6 MM	4	136.1	5.8	47	<1	62.8	18.7	208	2.31	6.1	7	2.9	9	29	1	2	<1	162	72	.182	4	87.5	59	74	.107	1.1	.09	.035	11	1	.03	2.1	<1	<0.05	4	8
HCKSLT 2 MM	1.0	18.8	3.0	38	<1	36.8	6.7	201	1.20	3.4	7	1.5	1.5	11	1	2	<1	29	.31	.085	6	26.0	53	77	.063	1	.71	.012	13	1.0	.02	2.6	1	<0.05	3	<5
PBCK 1 MM	5.9	132.5	7.2	31	.2	2.4	9.4	413	3.59	8.9	1.0	1099.1	1.1	12	1	6	4	99	.40	.088	2	7.1	40	66	.077	1	.72	.029	17	14.2	.01	2.9	1	.13	4	7
STANDARD DS5	13.1	138.6	26.2	131	.3	24.2	12.2	796	2.99	17.2	6.2	45.0	2.9	49	5.8	4.0	6.5	64	.76	.092	13	179.5	66	135	.101	17	2.16	.034	14	5.0	18	3.7	1.1	<0.05	7	5.0

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: MOSS MAT

DATE RECEIVED: JUL 14 2003 DATE REPORT MAILED: *July 26/03* SIGNED BY: *C. Leong* TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS