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James Doyle Sell Mining Collection

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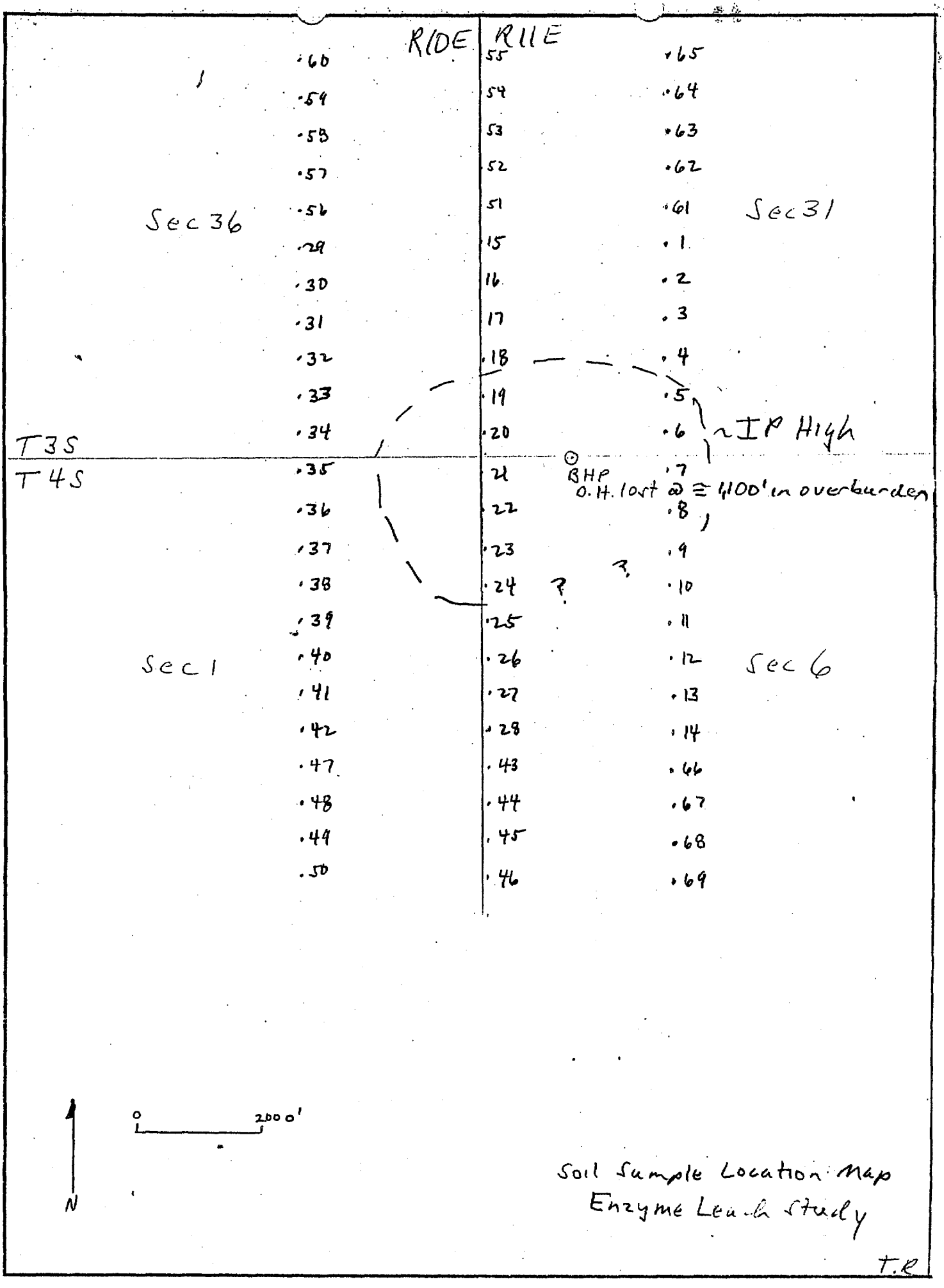
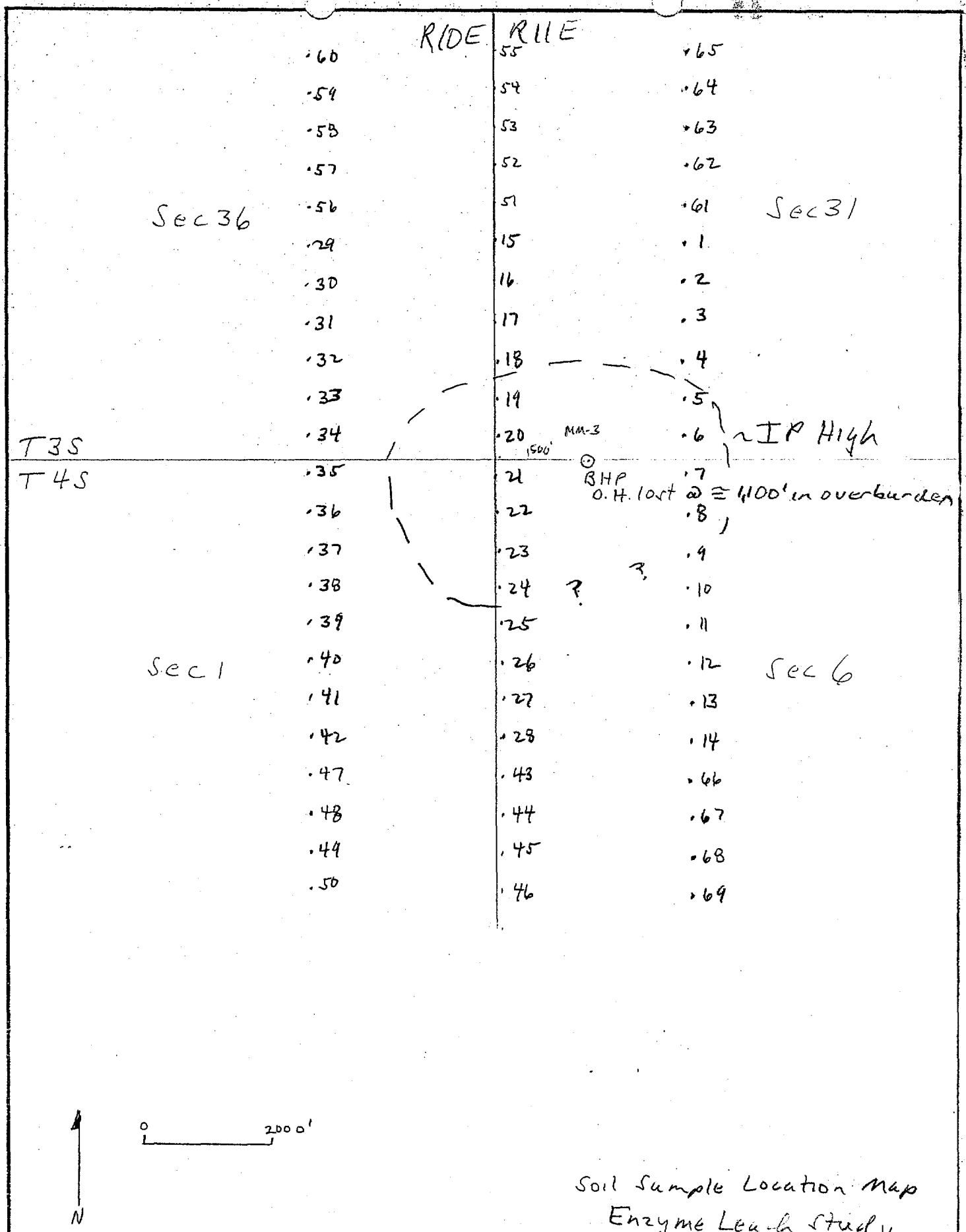

R10E
R11E
Sec 36
Sec 31
T3S
T4S
Sec 1
Sec 6
BHP
O.H. lost @ ≅ 4100' in overburden
~IP High
0
2000'
N
Soil Sample Location Map
Enzyme Leach Study
T.R



Soil Sample Location Map
Enzyme Leach Study

T.R

R10E T3S Sec 36 | R10E T4S Sec 1 | R11E T3S Sec 31 | R11E T4S Sec 6

North of River

3 water well holes in min within mile to mid-Valley of zone.

Goldcorp

W-3 in SE¼, Sec. 12, T4S, R13E. KENNCO drill hole 1012 in NE¼, Sec. 13, T4S R13E.

Johnson Prop (Kell oby) in Sec. 8, 9, 16, 17 of T4S, R13E 17 drill holes
shear zone w/ ± 50 mill tons @ 0.33% Cu. Highly anom low Cu-Mo
in surrounding drill holes ← fringe mineralization (incl 1 SD 2 hole!

Corn Property Sec. 13-14 15, 21, 22, 27, 28, T4S R13E. CC - cp, py. fringe
KE-1 in NE corner Sec. 17, T4S R13E

[redacted]

Enzyme-ACTLABS, LLC
11485 W. I-70 Frontage Road N.
Wheat Ridge, CO 80033

17 February 1995

To: Thornwell Rogers
Geological Consultant
7902 N. Black Canyon Highway
Suite 200
Phoenix, AZ 85051
FAX: 602-995-4444

From: Bob Clark

Subject: Evaluation of Enzyme Leach soil study from the Mineral Mountain property

Enzyme Leach analyses of your soil samples revealed anomalies for the following suite of elements: Cl, Br, I, As, Mo, Sb, W, Re, Au, and Th. This suite of elements makes up the majority of the "oxidation suite," which tends to from halos around or along side buried reduced bodies. These oxidation suite elements tend to be anomalous around the IP high that you indicated on your sample locality map. The interpretation is that there is a buried reduced body under the geochemical/geophysical anomaly. The presence of highly anomalous concentrations of rhenium in these soils indicates that the bedrock in or around the buried reduced body contains molybenite, which is often enriched in Re. This suggests that the reduced body at depth is a volume of mineralized rock, which contains at least some molybenite. Anomalous base metals, notably Cu, Zn, Pb, Co, and Cd, are interpreted as indicating metal enrichment in the buried reduced body. As with the oxidation suite, base-metal anomalies form halos around buried redox cells, which in turn are cause by buried reduced bodies. The base metals in the halo usually reflect the metal enrichment of the underlying rock. In this case there are substantial Cu anomalies in the area immediately adjacent to the IP anomaly. The conclusion is that there is an area of porphyry mineralized rock underneath the overburden in that area.

J. Robert Clark, Ph.D.
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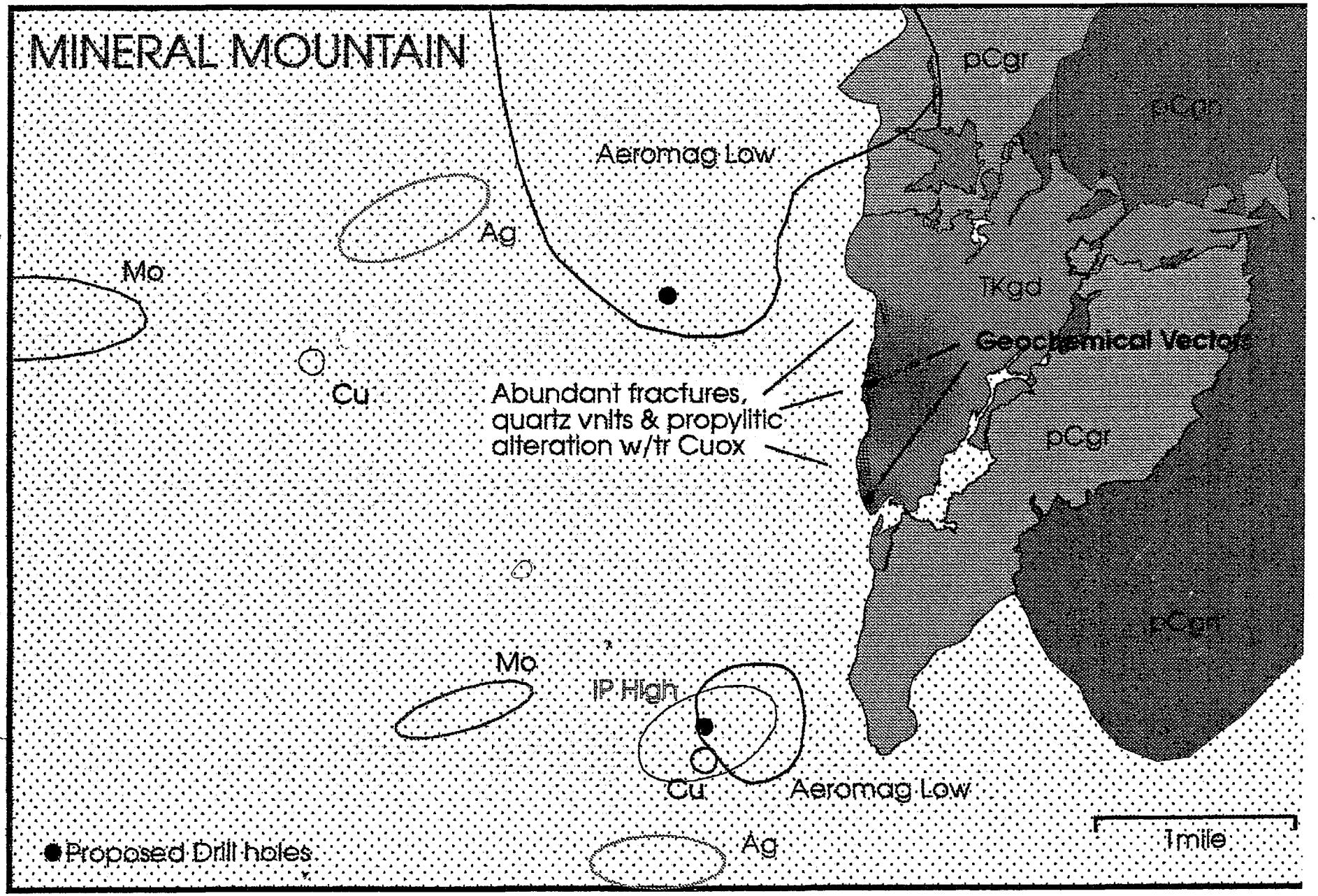

MINERAL MOUNTAIN
Aeromag Low
Ag
Mo
Cu
Abundant fractures,
quartz vnlts & propylitic
alteration w/tr Cuox
pCgr
pCgr
TKgd
Geochemical Vectors
pCgr
Mo
IP High
Cu
Aeromag Low
Ag
1mile
Proposed Drill holes

Enzyme Leach Job #: 1282 Reanalysis Client: Thornwell Rogers Customer's Job #: ---
Trace Element Values Are in Parts Per Billion. Negative Values Equal Not Detected at That Lower Limit.
Values = 999999 are greater than working range of instrument.

Sample ID:	Li	Be	Cl	Sc	Ti	V	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Rb	Sr	Y	Zr	Nb
HST015- 1	52	-10	7,396	-10	919	83	6,131	58	83	1,102	83	11	-1	85	-30	131	56	1,060	18	23	-1
HST015- 2	36	-10	8,792	-10	437	123	2,996	29	46	444	45	5	-1	73	-30	282	19	2,120	15	5	-1
HST015- 3	86	-10	4,783	-10	1,385	182	10,136	120	50	222	97	11	1	38	-30	95	66	811	19	32	1
HST015- 4	40	-10	10,207	-10	479	121	2,653	29	34	384	60	7	-1	80	-30	186	24	1,324	12	-1	-1
HST015- 5	37	-10	3,884	-10	1,288	135	6,075	29	37	293	92	9	-1	78	-30	54	42	755	19	33	-1
HST015- 6	63	-10	9,619	-10	823	151	3,003	36	41	198	54	8	-1	38	-30	112	28	778	17	13	-1
HST015- 7	35	-10	6,819	-10	1,473	108	2,000	26	27	207	52	8	-1	104	-30	159	25	2,488	29	6	-1
HST015- 8	36	-10	8,662	-10	1,453	80	2,089	26	41	208	42	3	-1	53	-30	150	25	989	32	46	-1
HST015- 9	85	-10	3,532	-10	1,757	145	2,414	31	39	172	105	8	1	31	-30	68	71	604	22	54	1
HST015- 10	85	-10	-3,000	-10	1,481	157	2,485	29	33	157	81	6	1	30	-30	58	46	617	15	18	1
HST015- 11	65	-10	-3,000	-10	1,137	178	3,277	30	58	194	67	6	-1	67	-30	89	53	921	21	58	-1
HST015- 12	41	-10	7,092	-10	586	98	4,039	36	45	466	64	7	-1	56	-30	147	30	1,055	17	13	-1
HST015- 13	122	-10	12,413	-10	1,110	236	5,623	68	52	147	58	8	-1	37	-30	153	48	979	15	38	-1
HST015- 14	63	-10	-3,000	-10	1,583	170	4,968	40	40	101	78	10	-1	31	-30	-50	51	634	20	51	1
HST015- 15	95	-10	32,931	-10	716	187	5,140	119	68	197	50	4	-1	43	-30	215	36	1,259	22	6	-1
HST015- 16	50	-10	22,446	-10	598	174	2,514	52	61	262	79	6	-1	81	-30	299	19	1,147	17	6	-1
HST015- 17	46	-10	17,075	-10	1,132	180	4,812	59	55	327	160	6	-1	54	-30	178	41	938	18	28	-1
HST015- 18	86	-10	10,772	-10	648	113	5,551	53	48	235	50	4	-1	55	-30	110	43	884	13	10	-1
HST015- 19	68	-10	17,490	-10	963	143	3,913	46	58	170	49	7	-1	42	-30	222	36	1,229	18	9	-1
HST015- 20	69	-10	16,713	-10	1,178	123	4,846	50	48	111	71	6	-1	22	-30	152	41	630	14	37	1
HST015- 21	56	-10	20,340	-10	1,982	91	1,853	26	40	221	66	9	-1	119	-30	242	39	1,729	24	43	1
HST015- 22	103	-10	27,311	-10	711	192	4,743	61	47	113	54	8	-1	29	-30	122	30	753	13	10	-1
HST015- 23	46	-10	17,647	-10	825	131	3,000	24	37	126	63	8	-1	50	-30	97	33	1,553	12	8	-1
HST015- 24	76	-10	12,428	-10	703	147	5,672	88	29	164	83	6	-1	26	-30	-50	35	536	13	10	-1
HST015- 25	126	-10	65,672	-10	600	210	5,309	95	66	128	39	4	-1	31	-30	294	27	1,869	21	7	-1
HST015- 26	66	-10	10,113	-10	1,230	173	2,089	34	48	173	70	6	-1	56	-30	88	25	1,219	17	30	1
HST015- 27	89	-10	5,219	-10	835	115	3,142	35	22	37	86	8	-1	16	-30	-50	33	549	6	13	-1
HST015- 28	106	-10	7,244	-10	1,393	182	2,560	29	31	73	102	6	-1	23	-30	96	53	742	13	42	1
HST015- 29	49	-10	6,352	-10	337	86	1,089	16	25	76	27	5	-1	57	-30	245	22	3,542	20	-1	-1
HST015- 30	63	-10	9,450	-10	1,335	128	1,298	22	37	73	35	4	-1	126	-30	234	25	2,764	18	2	-1
HST015- 31	51	-10	7,423	-10	546	141	2,074	38	31	125	39	5	1	77	-30	270	29	2,676	18	15	-1
HST015- 32	47	-10	-3,000	-10	798	134	6,754	63	60	87	45	8	-1	33	-30	279	39	1,146	18	36	-1
HST015- 33	66	-10	3,799	-10	1,315	144	5,116	62	38	54	67	4	-1	21	-30	-50	57	649	12	108	1
HST015- 34	51	-10	7,769	-10	841	133	5,782	95	56	273	51	5	-1	94	-30	174	44	1,422	18	21	-1
HST015- 35	100	-10	13,389	-10	568	215	5,915	99	77	128	31	7	-1	36	-30	183	30	1,082	21	16	-1
HST015- 36	53	-10	6,435	-10	845	104	3,725	40	53	175	36	5	-1	104	-30	151	32	2,421	13	1	-1
HST015- 37	100	-10	6,316	-10	851	160	6,519	84	51	104	59	9	-1	27	-30	76	40	975	14	22	-1
HST015- 38	132	-10	3,391	-10	635	135	12,227	127	58	109	49	7	-1	37	-30	90	35	918	15	9	-1
HST015- 39	75	-10	5,105	-10	668	91	2,330	21	26	61	34	3	-1	56	-30	76	24	1,515	15	8	-1
HST015- 40	74	-10	7,493	-10	849	121	4,123	53	47	64	43	7	-1	16	-30	74	41	965	13	16	-1
HST015- 41	79	-10	10,942	-10	588	142	5,095	72	47	105	39	8	-1	32	-30	75	26	1,017	11	3	-1
HST015- 42	88	-10	7,099	-10	634	105	1,571	20	28	74	41	7	-1	23	-30	60	32	927	8	14	-1

Enzyme Leach Job #: 1309 Reanalysis Company: Hicor Corporation Geologist: Thornwell Rogers Customer's Job #: ---
Trace Element Values Are in Parts Per Billion. Negative Values Equal Not Detected at That Lower Limit.
Values = 999999 are greater then working range of instrument.

Sample ID:	Li	Be	Cl	Sc	Ti	V	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Rb	Sr	Y	Zr
HST 018- 43	22	-10	4,962	-10	543	95	4,163	18	28	71	47	5	-1	25	-30	-50	25	1,241	16	12
HST 018- 44	29	-10	3,193	-10	1,122	119	4,809	25	26	58	68	8	-1	22	-30	68	31	661	15	59
HST 018- 45	35	-10	3,103	-10	1,301	126	3,432	19	29	47	78	10	1	35	-30	-50	44	562	19	75
HST 018- 46	36	-10	4,848	-10	846	131	3,840	22	35	199	48	3	-1	38	-30	78	22	1,447	13	6
HST 018- 47	34	-10	10,293	-10	1,437	166	2,437	41	46	180	50	7	-1	110	-30	275	33	2,966	17	20
HST 018- 48	145	-10	21,060	-10	401	263	3,692	27	44	61	35	7	-1	32	-30	168	31	1,467	15	8
HST 018- 49	143	-10	23,382	-10	980	259	3,656	25	44	101	46	4	-1	42	-30	216	37	1,310	21	19
HST 018- 50	148	-10	36,927	-10	652	332	3,661	23	41	121	39	7	2	29	-30	263	29	1,456	17	19
HST 018- 51	57	-10	8,101	-10	580	196	2,646	31	36	78	44	6	-1	23	-30	131	26	1,300	15	17
HST 018- 52	51	-10	8,697	-10	876	135	3,547	51	83	148	95	9	1	28	-30	184	47	1,779	22	24
HST 018- 53	29	-10	5,817	-10	850	163	2,371	43	49	168	47	7	1	37	-30	166	29	1,238	24	17
HST 018- 54	37	-10	5,756	-10	917	234	1,846	23	20	64	24	3	-1	68	-30	265	15	2,410	9	-1
HST 018- 55	23	-10	5,236	-10	1,115	112	1,249	16	22	93	52	5	-1	58	-30	117	34	882	11	29
HST 018- 56	96	-10	-3,000	-10	481	130	6,793	91	35	50	33	6	-1	24	-30	-50	38	697	12	9
HST 018- 57	77	-10	5,549	-10	557	145	12,806	168	66	122	43	5	-1	32	-30	101	41	794	15	3
HST 018- 58	61	-10	3,707	-10	806	140	5,514	59	66	132	48	7	-1	32	-30	109	42	849	21	21
HST 018- 59	60	-10	5,019	-10	914	155	1,989	39	38	75	46	5	-1	32	-30	136	20	787	16	33
HST 018- 60	31	-10	7,669	-10	891	171	2,518	29	34	38	26	7	-1	38	-30	115	18	1,248	13	-1
HST 018- 61	22	-10	-3,000	-10	936	120	3,359	47	50	483	62	9	-1	50	-30	166	47	1,032	15	47
HST 018- 62	23	-10	8,043	-10	680	64	2,671	27	33	107	28	4	-1	67	-30	229	18	1,864	11	-1
HST 018- 63	46	-10	4,230	-10	985	161	6,415	75	29	70	126	4	-1	16	-30	-50	33	612	9	14
HST 018- 64	57	-10	3,808	-10	417	124	5,166	182	27	103	49	6	-1	28	-30	67	36	606	9	-1
HST 018- 65	47	-10	6,305	-10	1,577	193	1,764	30	39	120	62	11	1	56	-30	87	42	880	15	83
HST 018- 66	72	-10	-3,000	-10	1,057	180	3,189	37	39	68	60	6	-1	23	-30	-50	40	735	13	26
HST 018- 67	36	-10	10,158	-10	1,043	143	4,018	39	52	209	101	10	-1	31	-30	87	43	653	14	39
HST 018- 68	140	-10	11,828	-10	605	226	3,809	29	43	83	29	3	3	31	-30	113	16	1,677	21	-1
HST 018- 69	38	-10	8,434	-10	907	209	3,827	32	50	422	47	8	-1	60	-30	-50	43	1,099	16	22

Enzyme Leach Job #: 1282 Reanaly
Trace Element Values Are in Parts Pe
Values = 999999 are greater than

Sample ID:	Mo	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
HST015- 1	108	-1	-1	-1	0.3	2.6	-0.2	-1	304	2	62	2	837	13	41	5	19	4	1	4	-1	3	-1	2	-1
HST015- 2	52	-1	-1	3	-0.2	1.0	-0.2	-1	217	2	117	1	367	16	29	6	21	4	-1	4	-1	3	-1	1	-1
HST015- 3	66	-1	-1	-1	-0.2	1.4	-0.2	-1	147	1	41	3	1,072	21	43	6	19	4	1	4	-1	2	-1	1	-1
HST015- 4	36	-1	-1	-1	-0.2	1.7	-0.2	-1	92	-1	59	1	908	14	30	6	17	3	-1	3	-1	3	-1	1	-1
HST015- 5	30	-1	-1	-1	0.3	1.8	-0.2	-1	286	2	27	2	891	29	64	8	24	5	2	5	-1	3	-1	1	-1
HST015- 6	49	-1	-1	1	-0.2	1.0	-0.2	-1	78	1	39	2	519	13	25	5	18	3	-1	4	-1	4	-1	2	-1
HST015- 7	21	-1	-1	-1	-0.2	0.4	-0.2	-1	74	-1	74	1	866	28	41	10	34	7	2	7	1	7	1	2	-1
HST015- 8	14	-1	-1	-1	-0.2	0.8	-0.2	-1	78	-1	69	1	592	34	37	12	40	7	2	9	1	7	1	2	-1
HST015- 9	68	-1	-1	-1	0.3	0.8	-0.2	-1	60	1	25	4	562	25	50	8	24	4	1	5	-1	4	-1	2	-1
HST015- 10	34	-1	-1	-1	-0.2	0.8	-0.2	-1	85	1	21	3	4,312	17	36	5	15	3	1	3	-1	3	-1	1	-1
HST015- 11	22	-1	-1	1	-0.2	1.0	-0.2	-1	49	-1	22	2	2,537	25	72	9	24	3	1	5	-1	4	-1	1	-1
HST015- 12	60	-1	-1	-1	0.3	1.5	-0.2	-1	64	4	44	2	1,169	19	50	8	22	4	2	5	-1	4	-1	1	-1
HST015- 13	41	-1	-1	-1	-0.2	1.2	-0.2	-1	97	-1	68	2	1,686	13	24	4	14	2	1	3	-1	3	-1	1	-1
HST015- 14	55	-1	-1	-1	-0.2	0.8	-0.2	-1	103	1	18	4	1,255	23	57	7	21	4	1	5	-1	4	-1	1	-1
HST015- 15	64	-1	-1	-1	-0.2	1.0	-0.2	-1	79	1	53	1	564	13	34	6	25	6	2	7	-1	5	1	2	-1
HST015- 16	124	-1	-1	-1	-0.2	1.2	-0.2	-1	53	2	46	1	759	12	31	5	17	3	1	5	-1	3	-1	2	-1
HST015- 17	109	-1	-1	-1	-0.2	1.9	-0.2	-1	52	1	50	3	926	19	64	7	23	4	2	5	-1	4	-1	2	-1
HST015- 18	27	-1	-1	-1	-0.2	2.1	-0.2	-1	42	4	43	1	329	10	30	5	15	3	-1	4	-1	3	-1	1	-1
HST015- 19	73	-1	-1	-1	-0.2	1.1	-0.2	-1	29	1	44	2	396	13	29	5	19	3	-1	4	-1	3	-1	1	-1
HST015- 20	46	-1	-1	-1	-0.2	1.1	-0.2	-1	49	1	51	2	236	17	47	5	19	2	-1	4	-1	3	-1	1	-1
HST015- 21	29	-1	-1	-1	-0.2	1.0	-0.2	-1	59	-1	58	1	220	34	25	11	37	6	2	7	-1	5	-1	2	-1
HST015- 22	32	-1	-1	-1	-0.2	0.5	-0.2	-1	7	-1	24	1	255	12	26	4	13	3	-1	3	-1	3	-1	1	-1
HST015- 23	51	-1	-1	-1	-0.2	1.0	-0.2	-1	14	1	31	2	1,058	13	33	5	15	2	-1	3	-1	2	-1	-1	-1
HST015- 24	33	-1	-1	-1	-0.2	1.8	-0.2	-1	3	-1	19	1	822	7	27	3	13	2	-1	3	-1	3	-1	1	-1
HST015- 25	50	-1	-1	-1	-0.2	0.8	-0.2	-1	7	-1	43	1	397	11	24	5	20	5	1	6	-1	5	-1	2	-1
HST015- 26	69	-1	-1	-1	-0.2	0.7	-0.2	-1	9	1	26	2	265	20	41	7	21	4	1	5	-1	4	-1	2	-1
HST015- 27	16	-1	-1	-1	-0.2	1.0	-0.2	-1	41	-1	-15	2	691	12	25	4	10	2	-1	2	-1	2	-1	-1	-1
HST015- 28	22	-1	-1	1	-0.2	0.8	-0.2	-1	5	1	19	3	611	17	38	6	18	2	-1	3	-1	3	-1	1	-1
HST015- 29	28	-1	-1	-1	-0.2	0.5	-0.2	-1	17	-1	67	1	194	12	16	5	16	3	-1	4	-1	3	-1	1	-1
HST015- 30	38	-1	-1	-1	-0.2	0.8	-0.2	-1	27	-1	84	1	203	20	24	6	23	4	-1	4	-1	4	-1	2	-1
HST015- 31	19	-1	-1	-1	-0.2	0.5	-0.2	-1	37	1	156	1	439	19	41	8	23	4	1	5	-1	4	-1	2	-1
HST015- 32	44	-1	-1	-1	-0.2	1.0	-0.2	-1	6	1	93	2	583	23	45	5	20	4	1	4	-1	4	-1	2	-1
HST015- 33	27	-1	-1	-1	-0.2	1.2	-0.2	-1	5	1	18	3	452	16	34	5	14	1	-1	3	-1	3	-1	1	-1
HST015- 34	115	-1	-1	-1	-0.2	1.6	-0.2	-1	9	1	66	2	521	20	67	7	23	4	-1	5	-1	4	-1	2	-1
HST015- 35	57	-1	-1	-1	-0.2	0.7	-0.2	-1	7	-1	79	1	565	13	36	6	23	5	1	5	-1	4	-1	2	-1
HST015- 36	37	-1	-1	-1	-0.2	1.1	-0.2	-1	16	-1	39	1	697	11	34	4	12	2	-1	3	-1	3	-1	1	-1
HST015- 37	66	-1	-1	-1	-0.2	1.0	-0.2	-1	6	1	36	2	485	13	33	5	16	4	-1	4	-1	3	-1	1	-1
HST015- 38	57	-1	-1	-1	-0.2	1.1	-0.2	-1	7	2	38	1	410	12	30	5	17	4	-1	4	-1	3	-1	1	-1
HST015- 39	25	-1	-1	-1	-0.2	0.4	-0.2	-1	35	1	38	1	245	17	31	7	22	4	-1	4	-1	3	-1	1	-1
HST015- 40	49	-1	-1	-1	-0.2	0.7	-0.2	-1	7	-1	36	2	321	11	29	4	14	3	-1	3	-1	3	-1	1	-1
HST015- 41	64	-1	-1	-1	-0.2	1.1	-0.2	-1	9	1	41	1	317	7	20	4	11	2	-1	3	-1	2	-1	1	-1
HST015- 42	73	-1	-1	-1	-0.2	0.8	-0.2	-1	6	-1	27	2	207	11	10	3	10	2	-1	2	-1	2	-1	1	-1

Enzyme Leach Job #: 1309 Reanalysis
Trace Element Values Are in Parts Per Billi
Values = 999999 are greater than workin

Sample ID:	Nb	Mo	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho
HST 018- 43	-1	22	-1	-1	-1	-0.2	1.3	-0.2	-1	20	1	24	1	782	16	27	6	20	3	1	4	-1	3	-1
HST 018- 44	-1	44	-1	-1	-1	-0.2	0.8	-0.2	-1	22	1	20	2	512	21	38	6	19	3	1	4	-1	4	-1
HST 018- 45	1	11	-1	-1	-1	-0.2	0.8	-0.2	-1	29	1	-15	3	400	23	44	8	27	5	1	5	-1	4	1
HST 018- 46	-1	92	-1	-1	-1	-0.2	1.4	-0.2	-1	14	1	28	1	569	13	26	5	16	3	-1	3	-1	3	-1
HST 018- 47	-1	55	-1	-1	-1	-0.2	0.8	-0.2	-1	37	-1	84	1	244	17	39	6	19	3	-1	4	-1	3	-1
HST 018- 48	-1	65	-1	-1	-1	-0.2	0.6	-0.2	-1	23	1	52	1	262	15	29	5	18	3	-1	3	-1	3	-1
HST 018- 49	-1	102	-1	-1	-1	-0.2	0.8	-0.2	-1	25	1	48	2	322	20	56	8	28	5	1	5	-1	4	-1
HST 018- 50	-1	169	-1	-1	1	-0.2	1.0	-0.2	-1	22	2	51	1	387	17	35	7	22	4	1	5	-1	3	-1
HST 018- 51	-1	26	-1	-1	-1	0.3	0.4	-0.2	-1	18	-1	77	2	134	17	25	4	17	3	-1	3	-1	2	-1
HST 018- 52	-1	94	-1	-1	-1	0.3	1.8	-0.2	-1	11	1	85	2	270	20	47	7	23	5	1	6	-1	4	-1
HST 018- 53	-1	78	-1	-1	-1	-0.2	0.6	-0.2	-1	31	-1	97	2	401	18	43	7	24	5	1	6	-1	4	-1
HST 018- 54	-1	39	-1	-1	-1	-0.2	0.3	-0.2	-1	33	-1	187	-1	854	9	17	4	11	3	-1	3	-1	2	-1
HST 018- 55	-1	10	-1	-1	-1	-0.2	0.4	-0.2	-1	25	-1	47	2	389	13	24	6	14	3	1	3	-1	2	-1
HST 018- 56	-1	18	-1	-1	-1	-0.2	0.7	-0.2	-1	8	-1	33	1	258	7	21	4	13	2	-1	3	-1	3	-1
HST 018- 57	-1	43	-1	-1	-1	-0.2	1.8	-0.2	-1	11	1	46	1	753	10	30	5	17	4	-1	4	-1	3	-1
HST 018- 58	-1	41	-1	-1	-1	-0.2	1.1	-0.2	-1	13	1	59	2	589	15	40	5	18	4	1	4	-1	3	-1
HST 018- 59	-1	35	-1	-1	-1	-0.2	0.3	-0.2	-1	15	1	62	2	404	14	25	4	15	3	-1	3	-1	2	-1
HST 018- 60	-1	16	-1	-1	-1	-0.2	0.3	-0.2	-1	21	-1	56	1	580	13	30	5	17	3	-1	3	-1	2	-1
HST 018- 61	-1	57	-1	-1	1	0.3	1.5	-0.2	-1	7	1	40	2	491	16	54	5	16	3	-1	4	-1	3	-1
HST 018- 62	-1	44	-1	-1	-1	-0.2	0.7	-0.2	-1	30	1	42	-1	255	14	19	5	18	3	-1	3	-1	2	-1
HST 018- 63	-1	18	-1	-1	-1	-0.2	1.8	-0.2	-1	5	-1	17	1	658	9	24	4	7	1	-1	2	-1	2	-1
HST 018- 64	-1	29	-1	-1	-1	-0.2	1.0	-0.2	-1	6	-1	32	1	474	7	26	3	12	2	-1	2	-1	2	-1
HST 018- 65	-1	56	-1	-1	-1	-0.2	0.4	-0.2	-1	18	-1	53	3	449	16	31	6	20	4	1	3	-1	3	-1
HST 018- 66	-1	27	-1	-1	-1	-0.2	0.4	-0.2	-1	7	1	25	3	1,319	15	23	5	15	4	-1	3	-1	3	-1
HST 018- 67	-1	43	-1	-1	-1	0.3	0.8	-0.2	-1	18	2	36	2	796	18	47	6	19	4	-1	3	-1	3	-1
HST 018- 68	-1	96	-1	-1	-1	-0.2	0.4	-0.2	-1	24	-1	66	1	781	22	36	8	28	5	2	6	-1	4	-1
HST 018- 69	-1	37	-1	-1	-1	-0.2	0.7	-0.2	-1	40	-1	20	2	502	16	35	6	18	3	-1	4	-1	3	-1

Enzyme Leach Job #: 1282 Reanaly
Trace Element Values Are in Parts Pe
Values = 999999 are greater than

Sample ID:	Yb	Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Th	U
HST015- 1	2	-1	-1	-1	3	0.1	-1	-1	-1	-0.1	1.5	-1	33	-1	3	1
HST015- 2	2	-1	-1	-1	32	-0.1	-1	-1	-1	-0.1	1.3	-1	15	-1	5	1
HST015- 3	1	-1	-1	-1	8	-0.1	-1	-1	-1	-0.1	-1.0	-1	48	-1	10	1
HST015- 4	1	-1	-1	-1	11	0.4	-1	-1	-1	-0.1	-1.0	-1	31	-1	4	1
HST015- 5	-1	-1	-1	-1	14	-0.1	-1	-1	-1	-0.1	-1.0	-1	45	-1	10	2
HST015- 6	2	-1	-1	-1	7	-0.1	-1	-1	-1	-0.1	-1.0	-1	13	-1	4	1
HST015- 7	2	-1	-1	-1	19	-0.1	-1	-1	-1	-0.1	-1.0	-1	11	-1	6	2
HST015- 8	3	-1	-1	-1	21	-0.1	-1	-1	-1	-0.1	-1.0	-1	8	-1	7	1
HST015- 9	2	-1	1	-1	9	0.1	-1	-1	-1	-0.1	-1.0	-1	24	-1	9	2
HST015- 10	1	-1	-1	-1	6	-0.1	-1	-1	-1	-0.1	-1.0	-1	21	-1	7	2
HST015- 11	2	-1	-1	-1	15	-0.1	-1	-1	-1	-0.1	-1.0	-1	18	-1	9	1
HST015- 12	2	-1	-1	-1	15	0.2	-1	-1	-1	-0.1	-1.0	-1	31	-1	5	1
HST015- 13	2	-1	-1	-1	10	0.1	-1	-1	-1	-0.1	-1.0	-1	19	-1	5	2
HST015- 14	2	-1	1	-1	17	-0.1	-1	-1	-1	-0.1	-1.0	-1	21	-1	8	2
HST015- 15	3	-1	-1	-1	2	0.2	-1	-1	-1	-0.1	-1.0	-1	22	-1	2	1
HST015- 16	2	-1	-1	-1	17	0.4	-1	-1	-1	-0.1	-1.0	-1	18	-1	3	1
HST015- 17	2	-1	-1	-1	29	0.3	-1	-1	-1	-0.1	-1.0	-1	98	-1	8	1
HST015- 18	2	-1	-1	-1	2	-0.1	-1	-1	-1	-0.1	-1.0	-1	30	-1	3	1
HST015- 19	2	-1	-1	-1	4	0.3	-1	-1	-1	-0.1	-1.0	-1	17	-1	4	1
HST015- 20	1	-1	-1	-1	9	0.4	-1	-1	-1	-0.1	-1.0	-1	19	-1	7	2
HST015- 21	2	-1	-1	-1	14	0.4	-1	-1	-1	-0.1	-1.0	-1	11	-1	6	1
HST015- 22	2	-1	-1	-1	3	0.2	-1	-1	-1	-0.1	-1.0	-1	15	-1	3	2
HST015- 23	1	-1	-1	-1	14	0.1	-1	-1	-1	-0.1	-1.0	-1	24	-1	3	1
HST015- 24	1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	19	-1	2	1
HST015- 25	3	-1	-1	-1	3	7.8	-1	-1	-1	-0.1	-1.0	-1	13	-1	2	2
HST015- 26	2	-1	-1	-1	19	0.3	-1	-1	-1	-0.1	-1.0	-1	13	-1	8	2
HST015- 27	-1	-1	-1	-1	4	-0.1	-1	-1	-1	-0.1	-1.0	-1	19	-1	5	1
HST015- 28	1	-1	1	-1	7	0.2	-1	-1	-1	-0.1	-1.0	-1	21	-1	7	2
HST015- 29	-1	-1	-1	-1	9	0.6	-1	-1	-1	-0.1	-1.0	-1	8	-1	3	1
HST015- 30	2	-1	-1	-1	13	0.2	-1	-1	-1	-0.1	-1.0	-1	9	-1	5	1
HST015- 31	2	-1	-1	-1	33	0.2	-1	-1	-1	-0.1	-1.0	-1	12	-1	5	2
HST015- 32	2	-1	-1	-1	7	0.3	-1	-1	-1	-0.1	-1.0	-1	19	-1	4	1
HST015- 33	1	-1	2	-1	7	-0.1	-1	-1	-1	-0.1	-1.0	-1	19	-1	6	2
HST015- 34	2	-1	-1	-1	9	-0.1	-1	-1	-1	-0.1	-1.0	-1	25	-1	6	1
HST015- 35	2	-1	-1	-1	6	0.2	-1	-1	-1	-0.1	-1.0	-1	24	-1	3	1
HST015- 36	1	-1	-1	-1	14	-0.1	-1	-1	-1	-0.1	-1.0	-1	14	-1	2	1
HST015- 37	2	-1	-1	-1	5	-0.1	-1	-1	-1	-0.1	-1.0	-1	19	-1	4	1
HST015- 38	2	-1	-1	-1	1	0.1	-1	-1	-1	-0.1	-1.0	-1	23	-1	2	1
HST015- 39	1	-1	-1	-1	13	-0.1	-1	-1	-1	0.2	-1.0	-1	9	-1	3	1
HST015- 40	2	-1	-1	-1	6	-0.1	-1	-1	-1	-0.1	-1.0	-1	15	-1	3	2
HST015- 41	1	-1	-1	-1	6	-0.1	-1	-1	-1	-0.1	-1.0	-1	13	-1	2	1
HST015- 42	1	-1	-1	-1	4	-0.1	-1	-1	-1	-0.1	-1.0	-1	14	-1	3	2

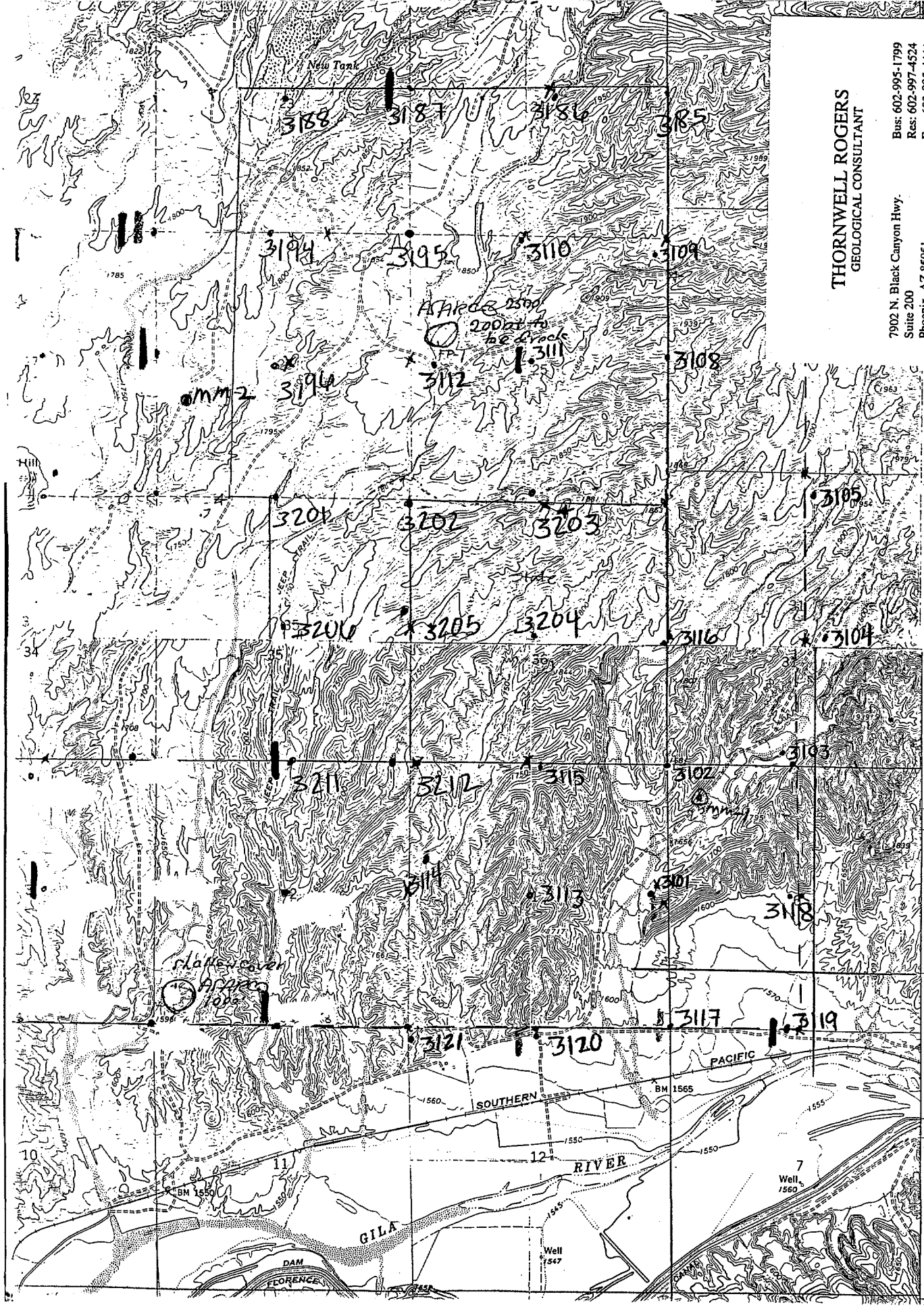
Enzyme Leach Job #: 1309 Reanalysis
Trace Element Values Are in Parts Per Billi
Values = 999999 are greater than workin

Sample ID:	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Th	U
HST 018- 43	-1	-1	1	-1	-1	-1	12	-0.1	-1	-1	-1	-0.1	-1.0	-1	16	-1	6	1
HST 018- 44	-1	-1	1	-1	1	-1	17	-0.1	-1	-1	-1	-0.1	-1.0	-1	21	-1	11	1
HST 018- 45	2	-1	2	-1	1	-1	11	-0.1	-1	-1	-1	-0.1	-1.0	-1	23	-1	8	1
HST 018- 46	-1	-1	-1	-1	-1	-1	15	-0.1	-1	-1	-1	-0.1	-1.0	-1	17	-1	5	1
HST 018- 47	1	-1	1	-1	-1	-1	31	-0.1	-1	-1	-1	0.2	-1.0	-1	11	-1	6	1
HST 018- 48	1	-1	1	-1	-1	-1	34	0.5	-1	-1	-1	-0.1	-1.0	-1	11	-1	4	2
HST 018- 49	2	-1	2	-1	-1	-1	44	0.2	-1	-1	-1	-0.1	-1.0	-1	18	-1	8	3
HST 018- 50	1	-1	1	-1	-1	-1	39	0.6	-1	-1	-1	-0.1	-1.0	-1	22	-1	5	2
HST 018- 51	1	-1	-1	-1	-1	-1	19	-0.1	-1	-1	-1	-0.1	-1.0	-1	9	-1	6	1
HST 018- 52	2	-1	2	-1	-1	-1	7	0.1	-1	-1	-1	-0.1	-1.0	-1	18	-1	6	1
HST 018- 53	2	-1	2	-1	-1	-1	9	-0.1	-1	-1	-1	0.9	-1.0	-1	13	-1	7	3
HST 018- 54	-1	-1	-1	-1	-1	-1	61	-0.1	-1	-1	-1	0.3	-1.0	-1	4	-1	3	2
HST 018- 55	-1	-1	1	-1	-1	-1	9	-0.1	-1	-1	-1	0.8	-1.0	-1	9	-1	7	1
HST 018- 56	-1	-1	1	-1	-1	-1	1	-0.1	-1	-1	-1	-0.1	-1.0	-1	18	-1	3	1
HST 018- 57	1	-1	2	-1	-1	-1	2	-0.1	-1	-1	-1	-0.1	-1.0	-1	27	-1	2	1
HST 018- 58	2	-1	1	-1	-1	-1	8	-0.1	-1	-1	-1	-0.1	-1.0	-1	19	-1	4	2
HST 018- 59	-1	-1	1	-1	-1	-1	9	-0.1	-1	-1	-1	0.4	-1.0	-1	10	-1	4	2
HST 018- 60	-1	-1	-1	-1	-1	-1	32	-0.1	-1	-1	-1	-0.1	-1.0	-1	5	-1	2	1
HST 018- 61	1	-1	1	-1	1	-1	7	-0.1	-1	-1	-1	-0.1	-1.0	-1	21	-1	5	2
HST 018- 62	-1	-1	-1	-1	-1	-1	19	-0.1	-1	-1	-1	-0.1	-1.0	-1	7	-1	2	1
HST 018- 63	-1	-1	-1	-1	-1	-1	4	-0.1	-1	-1	-1	-0.1	-1.0	-1	43	-1	3	1
HST 018- 64	-1	-1	1	-1	-1	-1	-1	-0.1	-1	-1	-1	-0.1	-1.0	-1	38	-1	2	1
HST 018- 65	1	-1	1	-1	1	-1	5	-0.1	-1	-1	-1	0.6	-1.0	-1	15	-1	13	1
HST 018- 66	1	-1	1	-1	-1	-1	6	-0.1	-1	-1	-1	-0.1	-1.0	-1	11	-1	6	2
HST 018- 67	1	-1	1	-1	-1	-1	17	-0.1	-1	-1	-1	-0.1	-1.0	-1	15	-1	6	1
HST 018- 68	2	-1	2	-1	-1	-1	36	0.1	-1	-1	-1	-0.1	-1.0	-1	8	-1	4	1
HST 018- 69	1	-1	1	-1	-1	-1	35	-0.1	-1	-1	-1	-0.1	-1.0	-1	19	-1	5	1

THORNWELL ROGERS
GEOLOGICAL CONSULTANT

7902 N. Black Canyon Hwy.
Suite 200
Phoenix, AZ 85051

Bus: 602-995-1799
Res: 602-997-4524
Fax: 602-995-4444



BHP
Biogeochemical
Sample
Locations
(Mesquite)
1993

Drill Hole: MM-2
Collar Elev: 1900'
TD: 1320'

MINERAL MTN PROJECT

Drilling Co: Boyles
Start: 11-Feb-94
Finish 23-Feb-94

	SER	PYR	CHL	EPI	OTH		Au ppb	Ag	Cu	Pb	Zn	Mo
900'												
						Contacat with bedrock at 955' Enter Mineral Mountain granodiorite	10	0.4	24	10	65	<2
							4	0.1	18	<2	50	<2
1000'							6	<.1	8	<2	60	<2
							20	<.1	8	<2	60	<2
							18	0.4	8	2	50	<2
					Hem	Varying degrees of hematite staining from 1040' to 1320' source of Fe appears to be entirely from biotites.	28	<.1	10	6	70	<2
			tr	tr		Zone of weak propylitic alteration	6	0.4	10	6	60	<2
1100'			tr	tr			4	0.1	10	6	65	2
			tr	tr	Clay		8	0.3	12	<2	75	2
						Xenolith of pC schist	2	0.3	12	6	65	2
					Clay		4	0.3	16	8	70	4
	perv				Clay	Small zone of sericitic alteration possibly assoc with fault/shear	6	0.6	30	6	60	2
1200'							<2	0.3	16	6	65	2
			tr	tr			2	0.3	12	8	65	2
							2	0.6	10	6	60	2
							<2	0.4	8	8	70	<2
					Clay		<2	0.3	10	8	70	6
1300'				tr		Veinlets (<1mm) of epidote w/assoc chlorite	<2	0.1	10	2	65	2
						Total depth 1320' hole ended due to lack of significant alteration or mineralization.	10	0.4	8	<2	70	2

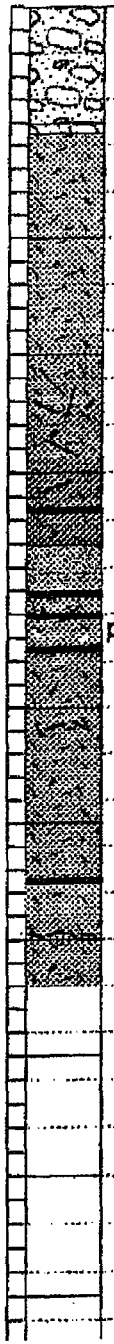
T3S R10E S21 3668400N 473800E (utm) Logged by: JB Nelson

BHP Minerals

Drill Hole: MM-2
Collar Elev: 1900'
TD: 1320'

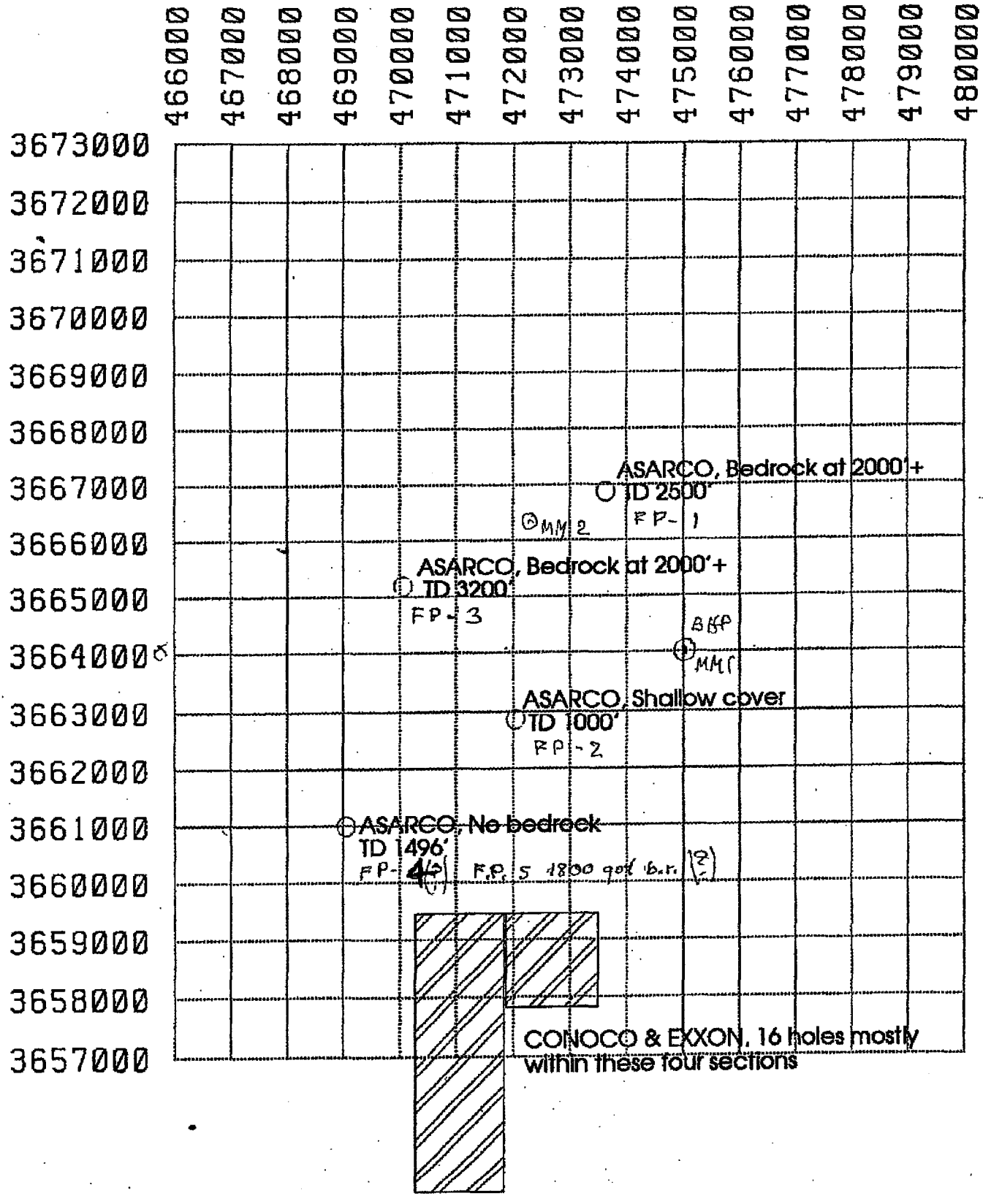
MINERAL MTN PROJECT

Drilling Co: Boyles
Start: 11-Feb-94
Finish 23-Feb-94



Depth	SER	PYR	CHL	EPI	OTH	Description	Au (ppb)	Ag	Cu	Pb	Zn	Mo
900'												
						Contacat with bedrock at 955' Enter Mineral Mountain granodiorite	10	0.4	24	10	65	<2
							4	0.1	18	<2	50	<2
1000'							6	<.1	8	<2	60	<2
							20	<.1	8	<2	60	<2
							18	0.4	8	2	50	<2
					Hem	Varying degrees of hematite staining from 1040' to 1320' source of Fe appears to be entirely from biotites.	28	<.1	10	6	70	<2
			tr	tr		Zone of weak propylitic alteration	6	0.4	10	6	60	<2
1100'			tr	tr			4	0.1	10	6	65	2
			tr	tr	Clay		8	0.3	12	<2	75	2
							2	0.3	12	6	65	2
						Xenolith of pC schist						
					Clay		4	0.3	16	8	70	4
	perv				Clay	Small zone of sericitic alteration possibly assoc with fault/shear	6	0.6	30	6	60	2
1200'							<2	0.3	16	6	65	2
			tr	tr			2	0.3	12	8	65	2
							2	0.6	10	6	60	2
							<2	0.4	8	8	70	<2
					Clay		<2	0.3	10	8	70	6
							<2	0.1	10	2	65	2
1300'				tr		Veinlets (<1mm) of epidote w/assoc chlorite						
						Total depth 1320' hole ended due to lack of significant alteration or mineralization.	10	0.4	8	<2	70	2

Mineral Mtn Drill Holes



3/10/94

File Memo

Mineral Mountains
Rotary Drilling, BHP
Pinal County, AZ

In chatting with Bob Schafer of BHP, he mentioned that their two completed drill holes at their Mineral Mountains project, drilled much alluvial gravels and "very poor bedrock" values. Thus the additional three holes scheduled were not drilled and the project terminated.

James to Sell

JDS

4/1/93

Coolidge

To JDS

Date 3/31 Time 4:11 ☐ AM ☐ PM

WHILE YOU WERE OUT

M Jack Turnbull

of

Phone [ ] 723-3426
Area Code Number Extension

TELEPHONED	✓	PLEASE CALL	✓
CALLED TO SEE YOU		WILL CALL AGAIN	
WANTS TO SEE YOU		URGENT	
RETURNED YOUR CALL			

Message Has an open-pit gold property he wants to sell.

Mary
Operator

AMPAD EFFICIENCY®

REORDER #23-000

6 claims
Mineral Mtn
Pinal Co

Owner: Rayson
Jim Duenkin, metallurgist +
474-9325
474-4738
Jim Meyers

If I call them ↑ budget data, then recall Turnbull & tell him

Mark:

Jim Duenkin will send data package. Look it over, check files, & if needed, call the Rayson # 474-9325, J Duenkin, + arrange tour with your 4-wheel (They go in on 2 wheel drive but it is rough).

Jim

JDS

ASARCO

Southwestern Exploration Division

February 11, 1985

To: J. R. Stringham

From: J. D. Sell

Please check the land status of the SE¼, Sec. 20, T2S, R11E (small 100' x 300' x 40' hi qtz mass about 1000' NW of SE corner of prime interest); northeast of Florence, AZ.

J. D. Sell

JDS:mek

J.D.S.
Private surface owners Yee Koo Chen and Catherine Chen, 3 Robinson Road, Apt. 19, Hong Kong, BBC. BLM all minerals.

ASARCO

Southwestern Exploration Division

JDS

January 31, 1985

To: J. D. Sell

From: H. G. Kreis

Quartz Mass
Mineral Mtn. District
Sec. 20, T2S, R11E
Pinal County, AZ

A large, 300' x 100', quartz mass exists 1000' northwest of the southeast corner of Section 20 (T2S, R11E), and it is described in my memo of September 9, 1982. In late December 1984, I sampled this quartz mass to see if it contained enough gold or silver values to be of interest as smelter flux.

The attached field notes and analytical report show the results of my samples. All the gold values are less than 0.005 oz. per ton, and all the silver values are too low to be of interest.

This quartz mass is of no further interest.

H. G. Kreis

H. G. Kreis

HGK:mek
Encs.

ASARCO

Southwestern Explo

Send by WLK; no need to send copy to FTG

January 31, 19

JDS.

To: J. D. Sell

From: H. G. Kreis

Quartz Mass
Mineral Mtn. District
Sec. 20, T2S, R11E
Pinal County, AZ

A large, 300' x 100', quartz mass exists 1000' northwest of the southeast corner of Section 20 (T2S, R11E), and it is described in my memo of September 9, 1982. In late December 1984, I sampled this quartz mass to see if it contained enough gold or silver values to be of interest as smelter flux.

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This quartz mass is of no further interest.

H. G. Kreis

HGK:mek
Encs.

H. G. Kreis

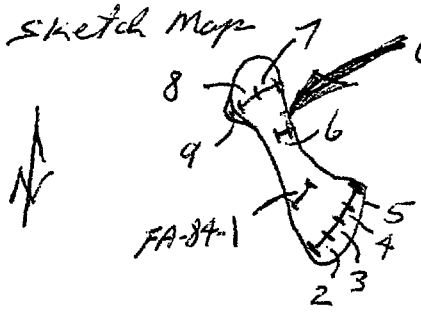
Pulpsand rejects in HGK's office in the event that the Purchasing Dept wishes to run SiO_2 Fe Al Al_2O_3 for potential use.
Land status being checked by J R Stimpson.

JDS 21/11/84

H.G. KREIS
DEC. 1984

FIELD NOTES
SE/4 SE/4 SEC 20, T2S, R1VE
PINAL CO. AZ.

Sketch Map



QUARTZ MASS IN PINAL SCHIST

FA-84 Series samples of:
100' wide × 400' long qtz mass having N 40°W trend and a N-20-40°W, 65°± W shear fabric that has been recemented by qtz. Width is variable; some schist inclusions

FA-84-1 Sample, 40' long, taken on S60W traverse across crest of ridge through slight saddle. White bull quartz with local thin zones of recemented (by qtz) quartz breccia. Approx. 2% red and black FeOx.

-2 Sample, 40' long, of quartz with same geology as #1.

-3 Sample, 40' long, of quartz with same geology as #1

-4 Sample, 50' long, of quartz and local quartz breccia. 4% hematite

-5 Sample, 40' long, white quartz with strong fracturing and strong transported, brown FeOx stain.

-6 Sample, 30' long, strongly brecciated quartz rib with 6% brownish-red FeOx stain.

-7 Sample, 40' long, white quartz with 1% hematite.

-8 Sample, 40' long, same geol. as #7.

-9 Sample of 1'to 8' thick, black specularite-quartz breccia

#

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

REPORT OF ANALYSIS

CORRECTED COPY
JOB NO. TAJ 402
February 7, 1985
FA-84 (1-9)

ASARCO INCORPORATED
Attn: Mr. H.G. Kreis
Southwestern Exploration
P.O. Box 5747
Tucson, Arizona 85703

Analysis of 9 Rock Chip Samples

ITEM	SAMPLE NUMBER	FIRE ASSAY Au (oz/t)	Ag * (oz/t)
1	FA-84-1	<.005	.02
2	FA-84-2	<.005	.02
3	FA-84-3	<.005	<.01
4	FA-84-4	<.005	.26
5	FA-84-5	<.005	<.01
6	FA-84-6	<.005	.08
7	FA-84-7	<.005	.12
8	FA-84-8	<.005	<.01
9	FA-84-9	<.005	<.01

cc: Asarco Incorporated
Attn.: Mr. James D. Sell
Southwestern Exploration
P.O. Box 5747
Tucson, Arizona 85703

*NOTE: Corrected Silver values.

ASARCO Incorporated
FEB 11 1985
SW Exploration

9425
WILLIAM L. LEHMBECK
Registered
Arizona U.S.A.

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

REPORT OF ANALYSIS

JOB NO. TAJ 402
January 15, 1985
FA-84 (1-9)
PAGE 1 OF 1

HGK's "gold gb vn"
Florence area

ASARCO INCORPORATED
Attn: Mr. H.G. Kreis
Southwestern Exploration
P.O. Box 5747
Tucson, Arizona 85703

ASARCO Incorporated
JAN 15 1985
SW Exploration

Analysis of 9 Rock Chip Samples

ITEM	SAMPLE NUMBER	FIRE ASSAY Au (oz/t)	FIRE ASSAY Ag (oz/t)
1	FA-84-1	<.005	.24
2	FA-84-2	<.005	.26
3	FA-84-3	<.005	.16
4	FA-84-4	<.005	.36
5	FA-84-5	<.005	.60
6	FA-84-6	<.005	.28
7	FA-84-7	<.005	.32
8	FA-84-8	<.005	.08
9	FA-84-9	<.005	.22

Ag's to high?
Skyline reassays them.

cc: Asarco Incorporated
Attn.: Mr. James D. Sell
Southwestern Exploration
P.O. Box 5747
Tucson, Arizona 85703

ASARCO Incorporated
JAN 15 1985
SW Exploration

9425
WILLIAM L. LEHMBECK
Arizona U.S.A.

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

JDS

ASARCO

Southwestern Exploration Division

March 8, 1985

To: A. J. Kroha
Southwestern Ore Purchasing

Quartz Mass
Mineral Mountain District
Sec. 20, T2S, R11E
Pinal County, AZ

I attach a note from H.G. Kreis on the subject. As you see, the gold-silver values are quite low, but perhaps sufficient if you need some quick silica for the Hayden Plant.

The pulps and rejects of Kreis sampling are presently in his office in the event you wish further determinations for SiO_2, Al_2O_3, FeO, etc.

Also attached is a copy of the land status as found by J.R. Stringham. Minerals are BLM and open for staking; surface owner in Hong Kong.

James D. Sell

James D. Sell

JDS:mek
attachments

cc: W. L. Kurtz

ASARCO

Southwestern Exploration Division

January 31, 1985

To: J. D. Sell

From: H. G. Kreis

Quartz Mass
Mineral Mtn. District
Sec. 20, T2S, R11E
Pinal County, AZ

A large, 300' x 100', quartz mass exists 1000' northwest of the southeast corner of Section 20 (T2S, R11E), and it is described in my memo of September 9, 1982. In late December 1984, I sampled this quartz mass to see if it contained enough gold or silver values to be of interest as smelter flux.

The attached field notes and analytical report show the results of my samples. All the gold values are less than 0.005 oz. per ton, and all the silver values are too low to be of interest.

This quartz mass is of no further interest.

H. G. Kreis

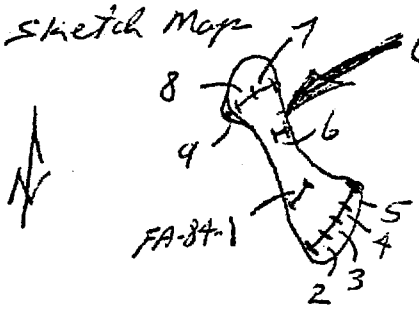
H. G. Kreis

HGK:mek
Encs.

H.G. KREIS
DEC. 1984

FIELD NOTES
SE/4 SE/4 SEC 20, T2S, R11E
PINAL CO. AZ.

Sketch Map



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REPORT OF ANALYSIS

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Attn: Mr. H.G. Kreis
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7	FA-84-7	<.005	.12
8	FA-84-8	<.005	<.01
9	FA-84-9	<.005	<.01

cc: Asarco Incorporated
Attn.: Mr. James D. Sell
Southwestern Exploration
P.O. Box 5747
Tucson, Arizona 85703

*NOTE: Corrected Silver values.

William L. Lehmbeck
Manager

File

ASARCO

Southwestern Exploration Division

February 11, 1985

To: J. R. Stringham

From: J. D. Sell

PINAL COUNTY
FLORENCE
Assessor & RECORDER-868-5801
get parcel # first - 104-33-001 - Sec 20

Please check the land status of the SE¼, Sec. 20, T2S, R11E (small 100' x 300' x 40' hi qtz mass about 1000' NW of SE corner of prime interest); northeast of Florence, AZ.

James D Sell
J. D. Sell

JDS:mek

J.D.S.
Private Surface, BLM All Minerals
Do you want the owners of RECORD?

JDS yes, please list the owners.

Owners:
YEE Koo Chen and Catherine Chen
3 Robinson Road
Apt. 19
Hongkong, BBC

warrant to buy one additional share for 50¢ to 28Jan93 the operation to re-start and operate under

operations which will result in a significant decrease GCNL No.69, 7Apr92, P.3 FOR PREVIOUS INFORMATION)

3441 East Milber

Phone 889-5787

AMERICAN ANALYTICAL and RESEARCH LABORATORIES

ASSAYERS - CHEMISTS - METALLURGISTS

TUCSON, ARIZONA 85714

SAMPLE SUBMITTED BY American Smelting & Refining Company

DATE September 25, 1973

SAMPLE MARKED	GOLD OZ./TON	SILVER OZ./TON	PPM COPPER	PPM LEAD	PPM ZINC	PPM MOLYBDENUM	PERCENT IRON
WG - 1			552	289	388	11	
WG - 2			514	14	142	5	
WG - 3			3.67 2000+	576	508	364	

Invoice # 9826

CHARGES $ 25.50

REGISTERED ASSAYER CERTIFICATE No. 6052 State of Arizona Date Signed 9/25/1973 Arizona U. S. A.

ASSAYER-CHEMIST

3441 East Milber

Phone 889-5787

AMERICAN ANALYTICAL and RESEARCH LABORATORIES

ASSAYERS - CHEMISTS - METALLURGISTS

TUCSON, ARIZONA 85714

SAMPLE SUBMITTED BY American Smelting & Refining Company

DATE September 25, 1973

SAMPLE MARKED	GOLD OZ./TON	SILVER OZ./TON	PER CENT COPPER	PERCENT LEAD	PERCENT ZINC	PERCENT MOLYBDENUM	PERCENT IRON	
WG - 3			3.67					

Invoice # 9826

CHARGES $ 2.00

REGISTERED ASSAYER
CERTIFICATE NO. 6862
PETE S. FLORES
Date Signed 9/25/73
Arizona U. S. A.

ASSAYER-CHEMIST

Windy Goo

WG-1 15 cm in from [illegible]

WG-2 [illegible]

WG-3 Flat cut [illegible] green [illegible]

3226 East 46th Street

Phone 624-0049

AMERICAN ANALYTICAL and RESEARCH LABORATORIES

ASSAYERS · CHEMISTS · METALLURGISTS

TUCSON, ARIZONA 85713

SAMPLE SUBMITTED BY J.D. SELL; % ASARCO Tucson DATE Sept. 19, 1973

SINGLE ANALYSIS ☑ GEOCHEM

VERIFIED ANALYSIS ☐ Windy Gap – Mineral Mtn Quad.

UMPIRE QUALITY ☐

SAMPLE	Au	Ag	Cu	Pb	Zn	Ox Cu	Fe	Insol	Al_2O_3	SiO_2	Mo	S.	
WG-1													15' minshear zone
WG-2													8' FW, wk mineral
WG-3													Float-Higrade

JDS copy

ASARCO

Exploration Department
Southwestern United States Division
James D. Sell
Manager

January 24, 1984

Mineral Mtn Area
Pinal Co AZ

See file

Mary Fritz
601 N. Cameron Avenue
Casa Grande, AZ 85222

Dear Mrs. Fritz:

Your letter of January 13 to Mr. T. R. Edwards, Manager of the Sacaton Unit, has been forwarded to this office.

Based on the available data our group would not be interested in acquiring your claims in the area.

Thank you for bringing this to our attention.

Sincerely,

James D. Sell

James D. Sell

JDS/cg

cc: TREdwards

ASARCO Incorporated P. O. Box 5747 Tucson, Az 85703
1150 North 7th Avenue (602) 792-3010

ANALYSIS OF LOG FOR HOLE A-866
****

```
CARD NUMBER  1 ****  88          A-866
CARD NUMBER  2 **** 858884.27 303908.11 5317.37              1384      39        39
CARD NUMBER  3 ****3.0 0 X .012 5.0 0 X .015 5.0 0 X .012 4.0 0 X .015
CARD NUMBER  4 ****4.0 0 X .014 4.0 0 X .012 5.0 0 X .012 4.0 0 X .012
CARD NUMBER  5 ****04.0        0          X       .005
CARD NUMBER  6 ****03.0        0          X       .008
CARD NUMBER  7 ****04.0        0          X       .008
CARD NUMBER  8 ****04.0     0.04          X       .008
CARD NUMBER  9 ****6.0 0.02 X .007 6.0 0.08 X .007 6.0 0 X .008 5.0 0 X .010
CARD NUMBER 10 ****4.0 0 X .008 2.0 0 X .012 5.0 0 X .008 5.0 0 X .007
CARD NUMBER 11 ****5.0 0.34 0.11 .008 5.0 0.61 0.17 .008 5.0 0.45 0.21 .010 20.0 0.78 0.40 .008
CARD NUMBER 12 ****5.0 0.23 0.05 .008 5.0 X X X 7.0 0.15 X .007 6.0 0.13 X .007
CARD NUMBER 13 ****6.0 0.14 X .005 7.0 X X X 9.0 0.13 X .007 5.0 0.20 0.11 .007
CARD NUMBER 14 ****4.0 0.13 X .014 3.0 0.15 X .008 3.0 0.16 X .022 5.0 0.29 0.14 0.26
CARD NUMBER 15 ****5.0 0.25 0.15 .007 5.0 0.22 0.10 .014 6.0 0.21 0.10 .010 6.0 0.25 0.14 .017
CARD NUMBER 16 ****4.0 0.22 0.02 .027 4.0 0.15 X .015 5.0 0.04 X .046 5.0 0.14 X .021
CARD NUMBER 17 ****6.0 0.19 X .026 4.0 0.16 X .038 3.0 0.08 X .033 4.0 0.15 X .008
CARD NUMBER 18 ****3.0 0.17 X .012 4.0 0.22 X .007 5.0 0.15 X .005 4.0 0.13 X .039
CARD NUMBER 19 ****5.0 0.11 X .024 4.0 0.09 X .019 4.0 0.09 X .008 3.0 0.14 X .007
CARD NUMBER 20 ****4.0 0.09 X .050 3.0 0.13 X .012 6.0 0.14 X .008 4.0 0.13 X .007
CARD NUMBER 21 ****3.0 0.13 X .008 5.0 0.15 X .005 5.0 0.29 X .008 5.0 0.12 X .012
CARD NUMBER 22 ****5.0 0.15 X .007 3.0 0.14 X .007 6.0 0.19 X .029 5.0 0.23 X .008
CARD NUMBER 23 ****5.0 0.39 X .015 3.0 0.26 X .008 7.0 0.24 X .008 8.0 0.61 X .012
CARD NUMBER 24 ****7.0 0.33 X .039 6.0 0.36 X .008 5.0 0.43 X .008 5.0 0.28 X .008
CARD NUMBER 25 ****5.0 0.31 X .022 5.0 0.33 X .008 5.0 0.70 X .039 5.0 1.96 X .232
CARD NUMBER 26 ****5.0 1.95 X .057 5.0 0.77 X .024 6.0 0.52 X .033 5.0 0.66 X .045
CARD NUMBER 27 ****5.0 1.08 X .043 5.0 0.41 X .015 5.0 0.35 X .045 5.0 0.61 X .210
CARD NUMBER 28 ****5.0 0.15 X .058 5.0 0.52 X .110 5.0 1.58 X .024 4.0 1.00 X .021
CARD NUMBER 29 ****2.0 0.75 X .014 5.0 2.40 X .014 5.0 0.79 X .033 4.0 0.24 X .039
CARD NUMBER 30 ****4.0 0.20 X .058 5.0 2.07 X .036 5.0 0.24 X .230 5.0 0.61 X .015
CARD NUMBER 31 ****5.0 1.04 X .019 5.0 0.92 X .012 2.0 1.26 X .027 3.0 0 X .014
CARD NUMBER 32 ****5.0 0.32 X .019 5.0 0.05 X .012 5.0 0.41 X .017 5.0 0.81 X .014
CARD NUMBER 33 ****5.0 0.36 X .027 5.0 1.01 X .008 5.0 0.15 X .015 5.0 1.26 X .055
CARD NUMBER 34 ****5.0 0.16 X .019 5.0 1.17 X .012 5.0 1.35 X .012 5.0 0.03 X .022
CARD NUMBER 35 ****5.0 0 X .010 5.0 0.03 X .012 4.0 0.08 X .010 6.0 0 X .008
CARD NUMBER 36 ****5.0 0.11 X .014 5.0 1.04 X .029 5.0 0.23 X .017 5.0 0.41 X .034
CARD NUMBER 37 ****5.0 0.03 X .015 5.0 0.06 X .010 5.0 0.15 X .012 5.0 0.09 X .012
CARD NUMBER 38 ****5.0 0.20 X .027 5.0 0.01 X .012 5.0 0 X .010 5.0 0.06 X .012
CARD NUMBER 39 ****2.0 0.59 X .010 6.0 0 X .043 4.0 0.01 X .015 2.0 0.03 X .008
CARD NUMBER 40 ****3.0 0.33 X .008 5.0 0.03 X .010 3.0 0.51 X .045 5.0 0 X .010
CARD NUMBER 41 ****4.0 0 X .010 1.0 0.62 X .022 4.0 0.01 X .008 4.0 0.02 X .010
CARD NUMBER 42 ****04.0     4.65          X       .010
CARD NUMBER 43 ****4.0 0.03 X .017 3.0 0 X .010 2.0 0.33 X .034
CARD NUMBER 44 ****1.0 0 X .058 2.0 0.03 X .057 4.0 0.02 X .012 4.0 0.02 X .012
CARD NUMBER 45 ****6.0 0.63 X .012 3.0 1.31 X .014 4.0 1.50 X .015 4.0 0.08 X .022
CARD NUMBER 46 ****6.0 0.02 X .015 5.0 0.02 X .008 5.0 0.01 X .007 5.0 0.03 X .012
CARD NUMBER 47 ****5.0 0.70 X .015 5.0 0.09 X .012 5.0 0.09 X .012 4.0 0.03 X .033
CARD NUMBER 48 ****3.0 0.07 X .045 6.0 2.60 X .050 4.0 2.09 X .050 3.0 1.24 X .031
CARD NUMBER 49 ****2.0 0.02 X .007 4.0 0.73 X .082 4.0 1.34 X .086 2.0 1.90 X .051
CARD NUMBER 50 ****4.0 0.01 X .017 4.0 0 X .012 5.0 1.63 X .019 5.0 2.29 X .031
CARD NUMBER 51 ****4.0 0.21 X .012 4.0 0.05 X .010 5.0 0.13 X .012 4.0 0.20 X .008
CARD NUMBER 52 ****3.0 0.02 X .010 4.0 0.02 X .012 4.0 0.01 X .012 4.0 0.01 X .008
CARD NUMBER 53 ****4.0 0.29 X .008 4.0 0 X .014 5.0 0 X .010 5.0 0 X .008
CARD NUMBER 54 ****05.0        0          X       .010
CARD NUMBER 55 ****05.0        0          X       .008
CARD NUMBER 56 ****04.0        0          X       .007
CARD NUMBER 57 ****04.0        0          X       .008
CARD NUMBER 58 ****5.0 0.03 X .010 5.0 0 X .008 4.0 0.08 X .012 6.0 0.10 X .012
CARD NUMBER 59 ****1.0 0.49 X .026 6.0 0 X .008 5.0 0 X .012 5.0 0 X .010
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CARD NUMBER 60 ****22.0 X X X 5.0 0 X .008 24.0 X X X 5.0 0 X .010
CARD NUMBER 61 ****27.0 X X X 5.0 0 X .010 25.0 X X X 6.0 0 X .008
CARD NUMBER 62 ****22.0 X X X 5.0 0 X .010 26.0 X X X 5.0 0.01 X .007
CARD NUMBER 63 ****25.0 X X X 5.0 0.02 X .008 25.0 X X X 5.0 0.01 X .008
CARD NUMBER 64 ****23.0 X X X 5.0 0 X .007 25.0 X X X 5.0 0.05 X .010
CARD NUMBER 65 ****5.0 0 X .008 3.0 0.48 0.20 .014 5.0 1.76 1.22 .010 4.0 0.80 0.20 .014
CARD NUMBER 66 ****4.0 0.59 0.18 .014 4.0 0.07 X .012 2.0 0.12 X .008 3.0 1.49 0.16 .014
CARD NUMBER 67 ****5.0 0.28 0.10 .010 6.0 0.19 X .008 5.0 0 X .012 24.0 X X X
CARD NUMBER 68 ****5.0 0 X .012 25.0 X X X 5.0 0 X .014 18.0 X X X 5.0 0.11 X .014
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LATITUDE 303908.12 ELEVATION 5317.37

DEPARTURE 858884.37 DEPTH TO BEDROCK 39.00

TOTAL DRILLED DISTANCE 1384.00

DISTANCE TO FIRST SAMPLE 39.00

INTERVAL NUMBER	INTERVAL FROM	TO	INTERVAL LENGTH	TOTAL COPPER	OXIDE COPPER	PERCENT MOLY
1	39.0	42.0	3.0	0.000	******	0.012
2	42.0	47.0	5.0	0.000	******	0.015
3	47.0	52.0	5.0	0.000	******	0.012
4	52.0	56.0	4.0	0.000	******	0.015
5	56.0	60.0	4.0	0.000	******	0.014
6	60.0	64.0	4.0	0.000	******	0.012
7	64.0	69.0	5.0	0.000	******	0.012
8	69.0	73.0	4.0	0.000	******	0.012
9	73.0	77.0	4.0	0.000	******	0.005
10	77.0	80.0	3.0	0.000	******	0.008
11	80.0	84.0	4.0	0.000	******	0.008
12	84.0	88.0	4.0	0.040	******	0.008
13	88.0	94.0	6.0	0.020	******	0.007
14	94.0	100.0	6.0	0.080	******	0.007
15	100.0	106.0	6.0	0.000	******	0.008
16	106.0	111.0	5.0	0.000	******	0.010
17	111.0	115.0	4.0	0.000	******	0.008
18	115.0	117.0	2.0	0.000	******	0.012
19	117.0	122.0	5.0	0.000	******	0.008
20	122.0	127.0	5.0	0.000	******	0.007
21	127.0	132.0	5.0	0.340	0.110	0.008
22	132.0	137.0	5.0	0.610	0.170	0.008
23	137.0	142.0	5.0	0.450	0.210	0.010
24	142.0	162.0	20.0	0.780	0.400	0.008
25	162.0	167.0	5.0	0.230	0.050	0.008
26	167.0	172.0	5.0	******	******	******
27	172.0	179.0	7.0	0.150	******	0.007
28	179.0	185.0	6.0	0.130	******	0.007
29	185.0	191.0	6.0	0.140	******	0.005
30	191.0	198.0	7.0	******	******	******
31	198.0	207.0	9.0	0.130	******	0.007

INTERVAL NUMBER ********	INTERVAL FROM **********	TO	INTERVAL LENGTH ********	TOTAL COPPER ********	OXIDE COPPER ********	PERCENT MOLY ********
32	207.0	212.0	5.0	0.200	0.110	0.007
33	212.0	216.0	4.0	0.130	******	0.014
34	216.0	219.0	3.0	0.150	******	0.008
35	219.0	222.0	3.0	0.160	******	0.022
36	222.0	227.0	5.0	0.290	0.140	0.260
37	227.0	232.0	5.0	0.250	0.150	0.007
38	232.0	237.0	5.0	0.220	0.100	0.014
39	237.0	243.0	6.0	0.210	0.100	0.010
40	243.0	249.0	6.0	0.250	0.140	0.017
41	249.0	253.0	4.0	0.220	0.020	0.027
42	253.0	257.0	4.0	0.150	******	0.015
43	257.0	262.0	5.0	0.040	******	0.046
44	262.0	267.0	5.0	0.140	******	0.021
45	267.0	273.0	6.0	0.190	******	0.026
46	273.0	277.0	4.0	0.160	******	0.038
47	277.0	280.0	3.0	0.080	******	0.033
48	280.0	284.0	4.0	0.150	******	0.008
49	284.0	287.0	3.0	0.170	******	0.012
50	287.0	291.0	4.0	0.220	******	0.007
51	291.0	296.0	5.0	0.150	******	0.005
52	296.0	300.0	4.0	0.130	******	0.039
53	300.0	305.0	5.0	0.110	******	0.024
54	305.0	309.0	4.0	0.090	******	0.019
55	309.0	313.0	4.0	0.090	******	0.008
56	313.0	316.0	3.0	0.140	******	0.007
57	316.0	320.0	4.0	0.090	******	0.050
58	320.0	323.0	3.0	0.130	******	0.012
59	323.0	329.0	6.0	0.140	******	0.008
60	329.0	333.0	4.0	0.130	******	0.007
61	333.0	336.0	3.0	0.130	******	0.008
62	336.0	341.0	5.0	0.150	******	0.005
63	341.0	346.0	5.0	0.290	******	0.008
64	346.0	351.0	5.0	0.120	******	0.012
65	351.0	356.0	5.0	0.150	******	0.007
66	356.0	359.0	3.0	0.140	******	0.007
67	359.0	365.0	6.0	0.190	******	0.029
68	365.0	370.0	5.0	0.230	******	0.008
69	370.0	375.0	5.0	0.390	******	0.015
70	375.0	378.0	3.0	0.260	******	0.008

INTERVAL NUMBER	INTERVAL FROM	TO	INTERVAL LENGTH	TOTAL COPPER	OXIDE COPPER	PERCENT MOLY
********	**********		********	********	********	********
71	378.0	385.0	7.0	0.240	******	0.008
72	385.0	393.0	8.0	0.610	******	0.012
73	393.0	400.0	7.0	0.330	******	0.039
74	400.0	406.0	6.0	0.360	******	0.008
75	406.0	411.0	5.0	0.430	******	0.008
76	411.0	416.0	5.0	0.280	******	0.008
77	416.0	421.0	5.0	0.310	******	0.022
78	421.0	426.0	5.0	0.330	******	0.008
79	426.0	431.0	5.0	0.700	******	0.039
80	431.0	436.0	5.0	1.960	******	0.232
81	436.0	441.0	5.0	1.950	******	0.057
82	441.0	446.0	5.0	0.770	******	0.024
83	446.0	452.0	6.0	0.520	******	0.033
84	452.0	457.0	5.0	0.660	******	0.045
85	457.0	462.0	5.0	1.080	******	0.043
86	462.0	467.0	5.0	0.410	******	0.015
87	467.0	472.0	5.0	0.350	******	0.045
88	472.0	477.0	5.0	0.610	******	0.210
89	477.0	482.0	5.0	0.150	******	0.058
90	482.0	487.0	5.0	0.520	******	0.110
91	487.0	492.0	5.0	1.580	******	0.024
92	492.0	496.0	4.0	1.000	******	0.021
93	496.0	498.0	2.0	0.750	******	0.014
94	498.0	503.0	5.0	2.400	******	0.014
95	503.0	508.0	5.0	0.790	******	0.033
96	508.0	512.0	4.0	0.240	******	0.039
97	512.0	516.0	4.0	0.200	******	0.058
98	516.0	521.0	5.0	2.070	******	0.036
99	521.0	526.0	5.0	0.240	******	0.230
100	526.0	531.0	5.0	0.610	******	0.015
101	531.0	536.0	5.0	1.040	******	0.019
102	536.0	541.0	5.0	0.920	******	0.012
103	541.0	543.0	2.0	1.260	******	0.027
104	543.0	546.0	3.0	0.000	******	0.014
105	546.0	551.0	5.0	0.320	******	0.019
106	551.0	556.0	5.0	0.050	******	0.012
107	556.0	561.0	5.0	0.410	******	0.017
108	561.0	566.0	5.0	0.810	******	0.014
109	566.0	571.0	5.0	0.360	******	0.027

INTERVAL NUMBER ********	INTERVAL FROM **********	TO	INTERVAL LENGTH ********	TOTAL COPPER ********	OXIDE COPPER ********	PERCENT MOLY ********
110	571.0	576.0	5.0	1.010	******	0.008
111	576.0	581.0	5.0	0.150	******	0.015
112	581.0	586.0	5.0	1.260	******	0.055
113	586.0	591.0	5.0	0.160	******	0.019
114	591.0	596.0	5.0	1.170	******	0.012
115	596.0	601.0	5.0	1.350	******	0.012
116	601.0	606.0	5.0	0.030	******	0.022
117	606.0	611.0	5.0	0.000	******	0.010
118	611.0	616.0	5.0	0.030	******	0.012
119	616.0	620.0	4.0	0.080	******	0.010
120	620.0	626.0	6.0	0.000	******	0.008
121	626.0	631.0	5.0	0.110	******	0.014
122	631.0	636.0	5.0	1.040	******	0.029
123	636.0	641.0	5.0	0.230	******	0.017
124	641.0	646.0	5.0	0.410	******	0.034
125	646.0	651.0	5.0	0.030	******	0.015
126	651.0	656.0	5.0	0.060	******	0.010
127	656.0	661.0	5.0	0.150	******	0.012
128	661.0	666.0	5.0	0.090	******	0.012
129	666.0	671.0	5.0	0.200	******	0.027
130	671.0	676.0	5.0	0.010	******	0.012
131	676.0	681.0	5.0	0.000	******	0.010
132	681.0	686.0	5.0	0.060	******	0.012
133	686.0	688.0	2.0	0.590	******	0.010
134	688.0	694.0	6.0	0.000	******	0.043
135	694.0	698.0	4.0	0.010	******	0.015
136	698.0	700.0	2.0	0.030	******	0.008
137	700.0	703.0	3.0	0.330	******	0.008
138	703.0	708.0	5.0	0.030	******	0.010
139	708.0	711.0	3.0	0.510	******	0.045
140	711.0	716.0	5.0	0.000	******	0.010
141	716.0	720.0	4.0	0.000	******	0.010
142	720.0	721.0	1.0	0.620	******	0.022
143	721.0	725.0	4.0	0.010	******	0.008
144	725.0	729.0	4.0	0.020	******	0.010
145	729.0	733.0	4.0	4.650	******	0.010
146	733.0	737.0	4.0	0.030	******	0.017
147	737.0	740.0	3.0	0.000	******	0.010
148	740.0	742.0	2.0	0.330	******	0.034

INTERVAL NUMBER ********	INTERVAL FROM **********	- TO	INTERVAL LENGTH ********	TOTAL COPPER ********	OXIDE COPPER ********	PERCENT MOLY ********
149	742.0	743.0	1.0	0.000	******	0.058
150	743.0	745.0	2.0	0.030	******	0.057
151	745.0	749.0	4.0	0.020	******	0.012
152	749.0	753.0	4.0	0.020	******	0.012
153	753.0	759.0	6.0	0.630	******	0.012
154	759.0	762.0	3.0	1.310	******	0.014
155	762.0	766.0	4.0	1.500	******	0.015
156	766.0	770.0	4.0	0.080	******	0.022
157	770.0	776.0	6.0	0.020	******	0.015
158	776.0	781.0	5.0	0.020	******	0.008
159	781.0	786.0	5.0	0.010	******	0.007
160	786.0	791.0	5.0	0.030	******	0.012
161	791.0	796.0	5.0	0.700	******	0.015
162	796.0	801.0	5.0	0.090	******	0.012
163	801.0	806.0	5.0	0.090	******	0.012
164	806.0	810.0	4.0	0.030	******	0.033
165	810.0	813.0	3.0	0.070	******	0.045
166	813.0	819.0	6.0	2.600	******	0.050
167	819.0	823.0	4.0	2.090	******	0.050
168	823.0	826.0	3.0	1.240	******	0.031
169	826.0	828.0	2.0	0.020	******	0.007
170	828.0	832.0	4.0	0.730	******	0.082
171	832.0	836.0	4.0	1.340	******	0.086
172	836.0	838.0	2.0	1.900	******	0.051
173	838.0	842.0	4.0	0.010	******	0.017
174	842.0	846.0	4.0	0.000	******	0.012
175	846.0	851.0	5.0	1.630	******	0.019
176	851.0	856.0	5.0	2.290	******	0.031
177	856.0	860.0	4.0	0.210	******	0.012
178	860.0	864.0	4.0	0.050	******	0.010
179	864.0	869.0	5.0	0.130	******	0.012
180	869.0	873.0	4.0	0.200	******	0.008
181	873.0	876.0	3.0	0.020	******	0.010
182	876.0	880.0	4.0	0.020	******	0.012
183	880.0	884.0	4.0	0.010	******	0.012
184	884.0	888.0	4.0	0.010	******	0.008
185	888.0	892.0	4.0	0.290	******	0.008
186	892.0	896.0	4.0	0.000	******	0.014
187	896.0	901.0	5.0	0.000	******	0.010

INTERVAL NUMBER ********	INTERVAL FROM	- TO **********	INTERVAL LENGTH ********	TOTAL COPPER ********	OXIDE COPPER ********	PERCENT MOLY ********
188	901.0	906.0	5.0	0.000	******	0.008
189	906.0	911.0	5.0	0.000	******	0.010
190	911.0	916.0	5.0	0.000	******	0.008
191	916.0	920.0	4.0	0.000	******	0.007
192	920.0	924.0	4.0	0.000	******	0.008
193	924.0	929.0	5.0	0.030	******	0.010
194	929.0	934.0	5.0	0.000	******	0.008
195	934.0	938.0	4.0	0.080	******	0.012
196	938.0	944.0	6.0	0.100	******	0.012
197	944.0	945.0	1.0	0.490	******	0.026
198	945.0	951.0	6.0	0.000	******	0.008
199	951.0	956.0	5.0	0.000	******	0.012
200	956.0	961.0	5.0	0.000	******	0.010
201	961.0	983.0	22.0	******	******	******
202	983.0	988.0	5.0	0.000	******	0.008
203	988.0	1012.0	24.0	******	******	******
204	1012.0	1017.0	5.0	0.000	******	0.010
205	1017.0	1044.0	27.0	******	******	******
206	1044.0	1049.0	5.0	0.000	******	0.010
207	1049.0	1074.0	25.0	******	******	******
208	1074.0	1080.0	6.0	0.000	******	0.008
209	1080.0	1102.0	22.0	******	******	******
210	1102.0	1107.0	5.0	0.000	******	0.010
211	1107.0	1133.0	26.0	******	******	******
212	1133.0	1138.0	5.0	0.010	******	0.007
213	1138.0	1163.0	25.0	******	******	******
214	1163.0	1168.0	5.0	0.020	******	0.008
215	1168.0	1193.0	25.0	******	******	******
216	1193.0	1198.0	5.0	0.010	******	0.008
217	1198.0	1221.0	23.0	******	******	******
218	1221.0	1226.0	5.0	0.000	******	0.007
219	1226.0	1251.0	25.0	******	******	******
220	1251.0	1256.0	5.0	0.050	******	0.010
221	1256.0	1261.0	5.0	0.000	******	0.008
222	1261.0	1264.0	3.0	0.480	0.200	0.014
223	1264.0	1269.0	5.0	1.760	1.220	0.010
224	1269.0	1273.0	4.0	0.800	0.200	0.014
225	1273.0	1277.0	4.0	0.590	0.180	0.014
226	1277.0	1281.0	4.0	0.070	******	0.012

INTERVAL NUMBER	INTERVAL FROM	- TO	INTERVAL LENGTH	TOTAL COPPER	OXIDE COPPER	PERCENT MOLY
********	**********		********	********	********	********
227	1281.0	1283.0	2.0	0.120	******	0.008
228	1283.0	1286.0	3.0	1.490	0.160	0.014
229	1286.0	1291.0	5.0	0.280	0.100	0.010
230	1291.0	1297.0	6.0	0.190	******	0.008
231	1297.0	1302.0	5.0	0.000	******	0.012
232	1302.0	1326.0	24.0	******	******	******
233	1326.0	1331.0	5.0	0.000	******	0.012
234	1331.0	1356.0	25.0	******	******	******
235	1356.0	1361.0	5.0	0.000	******	0.014
236	1361.0	1379.0	18.0	******	******	******
237	1379.0	1384.0	5.0	0.110	******	0.014

END OF LOGA-866

WARNING*** THE CARD ASSUMED TO BE THE NAME CARD DID NOT CONTAIN THE NAME CARD CODE

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82254