

TABLE 2
Soil Sample Results - XRF and Laboratory
Phase 1 Report
Klau and Buena Vista Mines

Group I analytes on pages 1-13
Group II analytes on pages 14-26

Sample Results and Project Goals (mg/Kg)																														
Group I Analytes: Project Goals:					Mercury 0.174		Aluminum 50		Antimony 0.027		Arsenic 0.062		Barium 330		Beryllium 10		Boron 0.5		Cadmium 0.36		Chromium 0.4		Cobalt 13		Copper 28		Lead 11		Manganese 220	
Location	Date	Depth (feet)	Sample Type	Sampling Type	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF		
BVM																														
BRF-1	10/19/07	0	N	Jud	645	359.7	3860	---	6.6 R	---	16.7 J	30.98	69.9 J	---	0.69	---	5.7	---	0.87 J	---	59.2 J	454.09	46.6	614.32 U	85.6	121.26	25.7 J	31.81	1170	1598.02
	10/19/07	1	N	Jud	14300	3637.41	3980	---	6.6 R	---	19.3 J	42.16 U	120 J	---	0.76	---	6.9	---	1.5 J	---	54.9 J	648.14	29.7	940.46 U	140	210.47	41 J	91.48	550	875.28
BRF-2	10/19/07	0	N	Jud	70	42.74	6400	---	6.8 R	---	12.2 J	22.06	311 J	---	0.57	---	15.3	---	1.2 J	---	55.6 J	289.08	26.4	476.03 U	52.2	79.86	5.5 J	16.3 U	718	651.98
	10/19/07	1	N	Jud	181	92.89	9420	---	7.1 R	---	17.8 J	33.92	171 J	---	0.52 J	---	15.6	---	0.95 J	---	61 J	263.58	28.5	479.24 U	51.6	67.34	7.9 J	15.27	672	693.22
BVR-1	10/18/07	0	N	Jud	3.1	12.83 U	5140	---	7.4 R	---	5.4 J	11.8 U	212 J	---	0.52 J	---	13.1	---	0.57 J	---	28.6 J	112.99 U	19.8	357.8	35	43.82 U	8.3 J	13.77 U	564	348.28
	10/18/07	0	FD	Jud	1.8	---	5170	---	7.3 R	---	6.6 J	---	216 J	---	0.59 J	---	11.3	---	0.75 J	---	27.6 J	---	28.7	---	35.8	---	8.4 J	---	872	---
BVR-2	10/20/07	0	N	Jud	3.6 J	10.14	1450	---	6.5 UJ	---	7.8	10.92	33.9 J	---	0.47 J	---	9.2	---	0.54 UJ	---	11.6	110.04 U	11.9	240.96	24.2	42.15	4.9 J	11.56 U	303	336.52
H20	10/13/07	0	N	Sys	---	10 U	---	---	---	---	---	8.8	---	---	---	---	---	---	---	---	---	134.42	---	272.45 U	---	42.57	---	16.66	---	575.64
H21	10/10/07	0	N	Sys	12	34.77	21000	---	6.7 R	---	4.5	14.83 U	162	---	1.2	---	9.6	---	0.64	---	71.1 J	262.13	19.7	580.87 U	37.6	69.98	5.4	17.92 U	1100	1417.69
I20	10/09/07	0	N	Sys	19.8	19.14	4250	---	6.2 R	---	11.9	24.69	136	---	0.48 J	---	24.3	---	0.43 J	---	54.6 J	329.54	25.2	435.39 U	51.5	52.04 U	6.5	18.11	755	780.11
I21	10/09/07	0	N	Sys	---	24.7	---	---	---	---	---	17.93	---	---	---	---	---	---	---	---	---	198.45	---	431.01 U	---	55.97	---	16.29	---	651.94
I22	10/09/07	0	N	Sys	---	16.45 U	---	---	---	---	---	17.07 U	---	---	---	---	---	---	---	---	---	206.23	---	457.45 U	---	61.54 U	---	20.56	---	869.96
I23	10/09/07	0	N	Sys	---	19.52	---	---	---	---	---	17.93 U	---	---	---	---	---	---	---	---	---	238.11	---	530.59 U	---	75.84	---	20.61	---	975.82
I24	10/22/07	0	N	Sys	112 J	129.46	6240	---	1.4 J	---	10 J	16.35 U	86.8 J	---	0.39 J	---	11.6	---	0.56	---	50.7 J	332.58	14.2 J	307.27 U	32.1	62.02	29.9	41.48	455	525.39
	10/22/07	0	FD	Sys	97.5 J	---	20 U	---	6 UJ	---	1 U	---	0.08 J	---	0.5 U	---	0.5 U	---	0.5 UJ	---	1 U	---	5 U	---	2.5 U	---	1 UJ	---	0.07 J	---
	11/12/07	1	N	Sys	23.5	---	8620	---	7.1 R	---	10.8	---	138	---	0.69	---	6.9	---	2.6 J	---	60.9	---	18	---	39.1	---	12.7	---	585	---
I25	10/22/07	0	N	Sys	---	11.99	---	---	---	---	---	13.05	---	---	---	---	---	---	---	---	---	244.04	---	326.96 U	---	61.56	---	12.89 U	---	789.93
I26	11/12/07	0	N	Sys	3.5	---	11700	---	6.8 R	---	7.8	---	138	---	0.79	---	3.5	---	5.8 J	---	57.5	---	10.2	---	34.2	---	12	---	394	---
	11/12/07	1	N	Sys	3.4	---	11500	---	6.8 R	---	7.4	---	138	---	0.78	---	3.4	---	5.5 J	---	57.2	---	9.8	---	33.7	---	11	---	371	---
IJ26	11/12/07	0	N	Sys	3.4	---	11500	---	7.5 R	---	7.6	---	168	---	0.76	---	4.6	---	5.7 J	---	60.1	---	8.7	---	33.3	---	8.1	---	320	---
J20	10/13/07	0	N	Sys	---	51.67	---	---	---	---	---	12.91	---	---	---	---	---	---	---	---	---	208.97	---	374.5 U	---	46.49 U	---	18.27	---	482.75
J21	10/09/07	0	N	Sys	---	44.62	---	---	---	---	---	16.64	---	---	---	---	---	---	---	---	---	281.92	---	524.84 U	---	50.07 U	---	26.08	---	768.74
J22	10/18/07	0	N	Sys	---	11.29 U	---	---	---	---	---	17.29	---	---	---	---	---	---	---	---	---	220.93	---	392.96 U	---	55.13	---	12.92 U	---	716.71
J23	10/09/07	0	N	Sys	---	13.38 U	---	---	---	---	---	16.18	---	---	---	---	---	---	---	---	---	502.04	---	441.85 U	---	54.93	---	16.1 U	---	739.23
J24	10/09/07	0	N	Sys	---	20.31	---	---	---	---	---	19.52 U	---	---	---	---	---	---	---	---	---	288.76	---	812.96 U	---	87.59	---	31.56	---	3274.49
J25	10/09/07	0	N	Sys	39.2	14.31	15300	---	6.4 R	---	15.5	29.65 U	215	---	0.75	---	15.2	---	1.1	---	84.2 J	278.74	29.4	419.9 U	56.7	72.1	46.9	96.82	972	1002.2
J26-1	10/09/07	0	N	Jud	150 J	54.69	21700	---	6.4 R	---	27.3	43.25	96.3 J	---	0.37 J	---	6.4	---	0.74	---	82.8 J	584.01	25.6	454.4 U	28.2	56.53 U	21.6	35.62	582	1042.19
	10/15/07	1	N	Jud	17.6	50.82	13800	---	6.8 R	---	16.2	38.74	76 J	---	0.43 J	---	3.5	---	2.4	---	59.4 J	405.99	10.5	382.27 U	20.8	41.45 U	4.9	30.51	352	741.29
	10/15/07	1	FD	Jud	14.4	14.3	11900	---	6.7 R	---	15.5	23.8	83.3 J	---	0.49 J	---	3.2	---	2.7	---	56.6 J	167.17	11.1	277.64 U	23	49.9	5.7	15.63	319	509.09
J26-2	10/15/07	0	N	Sys	---	40.21	---	---	---	---	---	12.76 U	---	---	---	---	---	---	---	---	---	153.49	---	401.73 U	---	64.16	---	17.79	---	1037.45
J26-3	10/15/07	0	N	Sys	---	120.1	---	---	---	---	---	91.27	---	---	---	---	---	---	---	---	---	726.59	---	365.02 U	---	60.71	---	58.66	---	906.14
J26-4	10/15/07	0	N	Sys	---	19.99	---	---	---	---	---	10.9 U	---	---	---	---	---	---	---	---	---	197.39	---	381.11	---	45.14	---	21.72	---	671.15
J26-5	10/15/07	0	N	Sys	---	15.2	---	---	---	---	---	13.73	---	---	---	---	---	---	---	---	---	164.16 U	---	429.17 U	---	47.57 U	---	15.66 U	---	864.06

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Sample Results and Project Goals (mg/Kg)																														
Group I Analytes: Project Goals:					Mercury 0.174		Aluminum 50		Antimony 0.027		Arsenic 0.062		Barium 330		Beryllium 10		Boron 0.5		Cadmium 0.36		Chromium 0.4		Cobalt 13		Copper 28		Lead 11		Manganese 220	
Location	Date	Depth (feet)	Sample Type	Sampling Type	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF		
BVM																														
K20	10/10/07	0	N	Sys	---	14.76	---	---	---	---	11.97	---	---	---	---	---	---	---	---	---	305.65	---	328.95	---	52.3	---	14.19	---	681.25	
K21	10/18/07	0	N	Sys	13.2	20.67	3600	---	6.5 UJ	---	14 J	16.58	99.4 J-	---	0.49 J	---	18.7	---	0.59 J	---	44.7 J	320.21	23.8	425.57 U	48.7	56.45	3.9 J	16.12 U	745	857.57
K22	10/18/07	0	N	Sys	---	21.95 U	---	---	---	---	16.61 U	---	---	---	---	---	---	---	---	---	303.92 U	---	1244.5 U	---	66.54 U	---	20.14 U	---	1490.82	
K23	10/18/07	0	N	Sys	---	12.53	---	---	---	---	19.82	---	---	---	---	---	---	---	---	---	291.58	---	369.72 U	---	45.29	---	14.3 U	---	736.45	
K24	10/18/07	0	N	Sys	---	17.08	---	---	---	---	11.77	---	---	---	---	---	---	---	---	---	103.69	---	315.95 U	---	54.32	---	11.85	---	660.35	
K25	10/09/07	0	N	Sys	---	24.83	---	---	---	---	13.96 U	---	---	---	---	---	---	---	---	---	306.54	---	496.21 U	---	54.14	---	24.68	---	829.57	
KUP-1	10/15/07	0	N	Jud	---	13.55 U	---	---	---	---	21.09	---	---	---	---	---	---	---	---	---	492.07	---	417.19 U	---	50.03 U	---	16.17 U	---	798.16	
KUP-2	10/15/07	0	N	Jud	---	14.66 U	---	---	---	---	15.2 U	---	---	---	---	---	---	---	---	---	815.83	---	616.82 U	---	85.66	---	15.93 U	---	1492.92	
L20	10/18/07	0	N	Sys	139	52.45	27200	---	7.1 UJ	---	12.3 J	12.48 U	151 J-	---	0.6	---	17.6	---	1.4 J	---	240 J	287.13	38.9	415.13 U	58	46.89 U	6.2 J	16.08 U	1040	831.69
L21-1	10/18/07	0	N	Sys	54.8	24.6	9090	---	7.6 UJ	---	10 J	21	259 J-	---	0.6 J	---	18.6	---	2.4 J	---	65.5 J	349.81	12.4	856.89 U	43.3	60.6	1.3 UJ	13.89 U	213	307.03 U
L22	10/18/07	0	N	Sys	---	35.15	---	---	---	---	11.75 U	---	---	---	---	---	---	---	---	---	155.52	---	307.31	---	63.68	---	20	---	455.46	
L23	10/18/07	0	N	Sys	---	48.39	---	---	---	---	22.89	---	---	---	---	---	---	---	---	---	442.94	---	654.24	---	56.83 U	---	18.08 U	---	709.91	
L24	10/18/07	0	N	Sys	---	22.69	---	---	---	---	16.93	---	---	---	---	---	---	---	---	---	119.54 U	---	286.64 U	---	51.75	---	12.67 U	---	634.69	
L25	10/25/07	0	N	Sys	4 J	10.34 U	9440	---	7.2 UJ	---	5.7	10.87 U	201 J-	---	0.55 J	---	25.2	---	0.52 J	---	69.5	221.7	22.1	344.26 U	40.9	46.05	6.4 J	13.48 U	790	795.28
L27	10/09/07	0	N	Sys	---	14.33 U	---	---	---	---	13.83 U	---	---	---	---	---	---	---	---	---	292.38	---	624.92 U	---	86.28	---	15.52 U	---	1166.32	
M20-1	10/25/07	0	N	Sys	153	18.63	18500	---	16.3 UJ	---	23 J	16.45 U	1170 J-	---	1.3 J	---	41.9	---	5.7	---	140	184.66 U	57.7	497.38 U	114 J	69.88	12.2 J	19.22 U	1930	1443.59
M21	10/19/07	0	N	Sys	188	367.36	4080	---	6.6 UJ	---	12.7 J	20.7 U	60.2 J-	---	0.42 J	---	12.3	---	1.3 J	---	49.3 J	347.48	26.7	941.1 U	54.4	57.06	2.4 J	22.18	645	593.08
	10/19/07	0	FD	Sys	228	---	3870	---	6.7 UJ	---	12.9 J	---	66.1 J-	---	0.34 J	---	11.2	---	1.1 J	---	45.5 J	---	21.8	---	55.2	---	4 J	---	486	---
M22	10/19/07	0	N	Sys	---	55.57	---	---	---	---	18.28	---	---	---	---	---	---	---	---	---	415.53	---	384.52 U	---	57.81	---	14.02 U	---	1049.99	
M23	10/19/07	0	N	Sys	33.3	25.84	10100	---	7.8 UJ	---	11.1 J	11.38	372 J-	---	0.77	---	22.3	---	2.7 J	---	62.3 J	128.84 U	19.7	308.34 U	44.3	40.32	4.9 J	14.38 U	625	459.84
M24-1	10/19/07	0	N	Sys	103	84.23	4420	---	7.2 UJ	---	12.3 J	12.14	172 J-	---	0.51 J	---	20.4	---	1 J	---	40 J	185.09 U	25.8	517.16	47.5	89.21	3.3 J	16.88 U	595	920.14
M25	10/15/07	0	N	Sys	25.6	19.03	7040	---	7.4 R	---	7.4	15.63	339 J-	---	0.7	---	20.9	---	0.62 U	---	43.2 J	157.84	24.4	343.76 U	36.4	45.96	2.9	15.94	853	951.69
M26	10/09/07	0	N	Sys	4.3 J-	11.48 U	6390	---	6.3 R	---	6.9	14.51	164 J-	---	0.61	---	19.4	---	0.81	---	68.3 J	394.53	33.3	379.93 U	52.6	62.69	4.2	11.45 U	957	1065.73
	10/15/07	1	N	Sys	2.9	13.78 U	6410	---	6.7 R	---	8.4	14.07	141 J-	---	0.58	---	17.3	---	0.56 U	---	68.3 J	290.85	30.4	526.83	44	80.47	3.3	14.85 U	892	867.77
MAD	10/19/07	0	N	Jud	94.8	97.76	3460	---	6.8 R	---	8.4 J	18.87	188 J-	---	0.43 J	---	14	---	0.75 J	---	42.2 J	280.85	20	465.31	44.4	44.06 U	6.2 J-	21.21	696	1046.76
	10/19/07	1	N	Jud	202	117.1	2170	---	6.5 R	---	6.4 J	13.82 U	146 J-	---	0.17 J	---	9	---	0.31 J	---	31.9 J	868.65	7	550.38	18.7	65.5	5.9 J-	16.22 U	209	280.55
MOA-1	10/18/07	0	N	Jud	3070	1795.21	420	---	31.7 J-	---	1.2 U	54.68	166 J-	---	0.02 J	---	0.6 U	---	1.1 J	---	1.1 J	237.92 U	6 U	1006.23	1.8 J	68.45 U	5.5 J-	134.17	62.3	273.54 U
	10/18/07	1	N	Jud	386	1316.63	1580	---	90 J-	---	75.3 J	428.82	153 J-	---	0.04 J	---	0.63 U	---	1.2 J	---	15.2 J	220.3	13.9	793.06 U	42.6	66.06 U	8.4 J-	1211.43	204	330.31
MOA-2	10/18/07	0	N	Jud	88.5	190.79	2730	---	7 R	---	15.8 J	23.58	139 J-	---	0.17 J	---	12.5	---	0.29 J	---	26.1 J	226.07	15.5	402.16 U	36.6	52.78	10 J-	37.3	142	163.11 U
	10/18/07	1	N	Jud	38.8	---	4290	---	6.9 R	---	20.8 J	---	116 J-	---	0.59	---	13.4	---	1.4 J	---	30.9 J	---	37.9	---	64.6	---	13 J-	---	789	---
MOA-3	10/18/07	0	N	Jud	1040	1300.48	259	---	21.6 J-	---	1.3 U	34.58 U	223 J-	---	0.63 U	---	0.63 U	---	1 J	---	0.77 J	170.85 U	6.3 U	637.62 U	1.3 J	59.6 U	9.3 J-	62.91	40.7	235.43 U

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Location	Date	Depth (feet)	Sample Type	Sampling Type	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF		
BVM																														
MSA	10/19/07	0	N	Jud	3.5	15.41 U	8630	---	7.1 R	---	2.6 J	13.48 U	464 J-	---	0.74	---	15.9	---	2.4 J	---	49.5 J	330.55 U	20.9	1232.1 U	53.9	117.8	2.9 J-	13.71 U	599	590.25
	10/19/07	0	FD	Jud	1.9	---	8860	---	7.3 R	---	2.8 J	---	488 J-	---	0.83	---	17.4	---	2.8 J	---	49.4 J	---	24.8	---	59.1	---	4.2 J-	---	692	---
N20	10/22/07	0	N	Sys	---	12.41 U	---	---	---	---	---	12.99 U	---	---	---	---	---	---	---	---	---	194.78	---	398.38 U	---	49 U	---	15.79 U	---	949.24
N21	10/22/07	0	N	Sys	---	100.43	---	---	---	---	---	30.32	---	---	---	---	---	---	---	---	---	300.89	---	275.95	---	56.07	---	14.34 U	---	276.15
N22	10/22/07	0	N	Sys	23.4 J-	18.41	8030	---	7.3 R	---	5.5 J	9.84 U	367 J-	---	0.55 J	---	25	---	1.6	---	51.2 J-	124.35	14.7 J-	266.61 U	41.9	50.01	3	12.33 U	439	358.65
N23-1	10/18/07	0	N	Sys	---	10.79	---	---	---	---	---	11.98 U	---	---	---	---	---	---	---	---	---	120.84 U	---	299.15 U	---	45.3	---	13.35 U	---	403.85
N24	10/25/07	0	N	Sys	---	19.5	---	---	---	---	---	13.68 U	---	---	---	---	---	---	---	---	---	220.09	---	618.46 U	---	84.67	---	17.03 U	---	709.73
N25	10/25/07	0	N	Sys	---	34.02	---	---	---	---	---	14.46	---	---	---	---	---	---	---	---	---	141.86 U	---	397.29 U	---	52.33	---	16.02 U	---	314.76
O19	10/13/07	0	N	Sys	---	14.5 U	---	---	---	---	---	12 U	---	---	---	---	---	---	---	---	---	219.62	---	525.11 U	---	68.85	---	13.86 U	---	1401.99
O20	10/22/07	0	N	Sys	---	26.36	---	---	---	---	---	12.51 U	---	---	---	---	---	---	---	---	---	153.41	---	336.04 U	---	78.68	---	14.35 U	---	558.06
O21-1	10/22/07	0	N	Sys	---	12.56	---	---	---	---	---	10.69	---	---	---	---	---	---	---	---	---	132.52	---	318.56 U	---	52.58	---	12.61 U	---	585.45
O22	10/18/07	0	N	Sys	---	13.93 U	---	---	---	---	---	12.09 U	---	---	---	---	---	---	---	---	---	146.79	---	317.77 U	---	44.85 U	---	13.22 U	---	657.67
O23	10/18/07	0	N	Sys	---	10.3	---	---	---	---	---	9.13 U	---	---	---	---	---	---	---	---	---	111.69	---	231.19 U	---	53.21	---	11.46 U	---	380.76
O24-1	10/18/07	0	N	Sys	5.1	11.81 U	8070	---	7.6 UJ	---	18.6 J	15.44	258 J-	---	0.74	---	23.4	---	1.1 J	---	50.2 J	143.13	32.3	290.89 U	57.8	45.18	4.8 J	11.51 U	841	408.41
O25	10/25/07	0	N	Sys	---	10.78 U	---	---	---	---	---	11.08	---	---	---	---	---	---	---	---	---	140.97 U	---	244.54	---	72.93	---	13.57 U	---	344.56
O27	10/15/07	0	N	Sys	3.7	10.83 U	6530	---	7.5 UJ	---	9.3	12.1 U	188 J-	---	0.66	---	11.2	---	1.9	---	39	202.58	11.9	327.6 U	53.8	44.83 U	2.2	15.02 U	931	1072.56
	10/15/07	1	N	Sys	3.9	12.64 U	7060	---	7.2 R	---	9.8	19.79	178 J-	---	0.58 J	---	14.6	---	0.5 UJ	---	39.7 J	141.54 U	14.2	322.12 U	47.9	48.04	0.75 J	13.13 U	849	853.05
	10/15/07	1	FD	Sys	4.4	---	7260	---	7.1 R	---	8.9	---	188 J-	---	0.56 J	---	13.4	---	0.5 UJ	---	38.9 J	---	11.2	---	46	---	1.2 U	---	802	---
O29	10/15/07	0	N	Sys	---	12.67 U	---	---	---	---	---	12.02 U	---	---	---	---	---	---	---	---	---	317.62	---	523.8 U	---	66.46	---	13.29 U	---	807.82
OCT-1	10/19/07	0	N	Jud	217	298.29	2020	---	6.4 R	---	3.3 J	12.58	37.4 J-	---	0.14 J	---	11.1	---	0.54 UJ	---	9.4 J	100.9 U	7.6	213.67 U	18.8	43.22	12.3 J-	12 U	35.2	137.4
	10/19/07	1	N	Jud	49.6	52.01	2400	---	6.8 R	---	19.8 J	23.43	29.6 J-	---	0.2 J	---	8.3	---	0.21 J	---	38.5 J	459.71	26.4	489.79 U	56.1	79.87	9 J-	15.87 U	128	192.33 U
OCT-2	10/19/07	0	N	Jud	51.5	17.71 U	13800	---	7.1 R	---	4.2 J	12.9 U	359 J-	---	0.99	---	24.6	---	2.2 J	---	63.9 J	304.1 U	16.1	1073.04 U	51.9	65.18 U	6.9 J-	14.64 U	468	2467.69
OCT-3	10/19/07	0	N	Jud	8.4	29.41	5960	---	6.8 R	---	1.8 J	11.81 U	429 J-	---	0.64	---	22.9	---	1.4 J	---	42 J	154.94 U	23.1	394.65 U	65.3	52.1 U	2.6 J-	14.66 U	840	523.6
OPT	10/20/07	0	N	Jud	5.5 J-	10.95 U	10800	---	8.6 R	---	19 J	22.49	263 J-	---	0.65 J	---	29	---	12.3	---	53.9 J-	137.64 U	54.6 J-	430.94 U	55.9	42.84 U	2.9	14.84 U	2510	1168.11
	10/20/07	0	FD	Jud	2.9 J-	---	11600	---	9.2 R	---	15.8 J	---	297 J-	---	0.72 J	---	29.7	---	13.3	---	59.8 J-	---	54.1 J-	---	58.8	---	3.6	---	2680	---
	10/20/07	1	N	Jud	1.8 J-	11.13 U	14900	---	7.7 R	---	11.5 J	14.55	442 J-	---	1.1	---	23.1	---	7.3	---	82.6 J-	163.67	17.5 J-	301.82 U	54.4	43.91 U	6.7	14.39 U	535	595.93
P18	10/13/07	0	N	Sys	---	15.05	---	---	---	---	---	13.93 U	---	---	---	---	---	---	---	---	---	316.44	---	453.8 U	---	64.81	---	15.89 U	---	767.88
P19	10/22/07	0	N	Sys	---	28.25	---	---	---	---	---	14.69 U	---	---	---	---	---	---	---	---	---	269.68	---	425.07 U	---	65.44	---	33.05	---	916.97
P20	10/22/07	0	N	Sys	---	30.48	---	---	---	---	---	12.88 U	---	---	---	---	---	---	---	---	---	210.64	---	381.71 U	---	46.51 U	---	15.29	---	710.66
P21-1	10/18/07	0	N	Sys	---	10.4 U	---	---	---	---	---	12.26	---	---	---	---	---	---	---	---	---	128.74	---	234.07 U	---	70.32	---	14.63	---	707.32
P22	10/18/07	0	N	Sys	---	20.15	---	---	---	---	---	11.65	---	---	---	---	---	---	---	---	---	140.77	---	331.29 U	---	41.88	---	13.35	---	586.77
P23	10/18/07	0	N	Sys	1.9	8.68 U	12700	---	7.5 UJ	---	6.7 J	11.27	539 J-	---	0.79	---	22.4	---	1.8 J	---	59.6 J	168.5	23.8	258.1 U	48.7	29.55	2.1 J	11 U	750	726.15

TABLE 2
Soil Sample Results - XRF and Laboratory
Phase 1 Report
Klau and Buena Vista Mines

Group I analytes on pages 1-13
Group II analytes on pages 14-26

Sample Results and Project Goals (mg/Kg)																														
Group I Analytes: Project Goals:					Mercury 0.174		Aluminum 50		Antimony 0.027		Arsenic 0.062		Barium 330		Beryllium 10		Boron 0.5		Cadmium 0.36		Chromium 0.4		Cobalt 13		Copper 28		Lead 11		Manganese 220	
Location	Date	Depth (feet)	Sample Type	Sampling Type	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF		
BVM																														
P24	10/18/07	0	N	Sys	---	10.04 U	---	---	---	---	8.25	---	---	---	---	---	---	---	---	---	141.33	---	214.78 U	---	41.06 U	---	12.65 U	---	231.5	
P25	10/25/07	0	N	Sys	---	11.4 U	---	---	---	---	12.51	---	---	---	---	---	---	---	---	---	112.13	---	206.95 U	---	44.99	---	13.92 U	---	188.75	
P26	10/25/07	0	N	Sys	---	10.99 U	---	---	---	---	13.19	---	---	---	---	---	---	---	---	---	159.2	---	255.51 U	---	78.41	---	18.4	---	307.03	
P27	10/15/07	0	N	Sys	---	8.74 U	---	---	---	---	10.41 U	---	---	---	---	---	---	---	---	---	148.86	---	203.18 U	---	58.52	---	13.25	---	284.88	
PAR	10/19/07	0	N	Jud	197	200.93	2540	---	6.6 R	---	17.5 J	24.28	78.7 J-	---	0.48 J	---	8.1	---	0.96 J	---	44.9 J	565.98	27.8	682.97 U	52.8	69.13	9.1 J-	22.58	651	988.34
	10/19/07	1	N	Jud	830	556.71	2990	---	6.9 R	---	10.7 J	20.53 U	254 J-	---	0.37 J	---	9.8	---	1.2 J	---	38.5 J	225.31	13.1	501.42 U	40.6	55.85	6.4 J-	37.95	455	362.77
PAS	10/19/07	0	N	Jud	57	61.39	2940	---	1.4 J-	---	8.1 J	11.53 U	92.5 J-	---	0.25 J	---	9	---	0.24 J	---	43.8 J	217.71	9.5	305.56 U	45.1	42.01 U	6.4 J-	13.46 U	671	805.27
	10/19/07	1	N	Jud	28.2	35.05	11400	---	6.5 R	---	3.6 J	13.81 U	147 J-	---	0.53 J	---	14.4	---	0.43 J	---	54.6 J	382.74	33	534.15 U	43.1	57.42	5 J-	15.65 U	1030	1387.54
Q17	10/13/07	0	N	Sys	---	10.39 U	---	---	---	---	17	---	---	---	---	---	---	---	---	---	113.24 U	---	180.45 U	---	41.98 U	---	11.68 U	---	119.38	
Q18	10/22/07	0	N	Sys	---	12.66 U	---	---	---	---	10.96 U	---	---	---	---	---	---	---	---	---	135.37 U	---	320.94 U	---	45.33	---	13.31 U	---	647.17	
Q19	10/22/07	0	N	Sys	---	8.44	---	---	---	---	10.52 U	---	---	---	---	---	---	---	---	---	217.44	---	319.82 U	---	41.54	---	11.17	---	2539.33	
Q20	10/20/07	0	N	Sys	---	11.43 U	---	---	---	---	23.46	---	---	---	---	---	---	---	---	---	160.05	---	372.37 U	---	38.85 U	---	13.8 U	---	1009.6	
Q21	10/22/07	0	N	Sys	18.7 J-	21.23	4750	---	6.4 R	---	9.5 J	11.92 U	50.6 J-	---	0.76	---	29.4	---	0.24 J	---	30.5 J-	308.7	32.6 J-	331.02 U	76.1	105.27	8.6	13.68 U	396	1579.87
Q22	10/22/07	0	N	Sys	---	12.83 U	---	---	---	---	11.76 U	---	---	---	---	---	---	---	---	---	124.09 U	---	317.64 U	---	43.73 U	---	15.16	---	464.92	
Q23	10/11/07	0	N	Sys	---	11.69 U	---	---	---	---	12.04 U	---	---	---	---	---	---	---	---	---	229.06	---	351.55 U	---	51.17	---	13.49 U	---	760.47	
Q24	10/25/07	0	N	Sys	---	14.56 U	---	---	---	---	10.9	---	---	---	---	---	---	---	---	---	163.89	---	428.23 U	---	72.1	---	16.47 U	---	463.76	
Q25	10/25/07	0	N	Sys	0.32	16.61 U	14400	---	8.5 UJ	---	7.1 J	15.23 U	968 J-	---	0.66 J	---	11.2	---	6.5	---	73	144.09 U	22.3	259.74 U	63.5 J	60.24 U	5.6 J	20.85 U	487	245.56
Q26	10/25/07	0	N	Sys	---	11.57 U	---	---	---	---	21.27	---	---	---	---	---	---	---	---	---	258.11	---	236.78 U	---	51.88	---	15.09 U	---	221.46	
R14	10/26/07	0	N	Sys	---	14.79	---	---	---	---	11.4 U	---	---	---	---	---	---	---	---	---	386.67	---	508.37 U	---	112.41	---	15.45 U	---	1620.2	
R15	10/13/07	0	N	Sys	---	8.93 U	---	---	---	---	15.57	---	---	---	---	---	---	---	---	---	159.24	---	191.99 U	---	48.88	---	12.74	---	179.19	
R16	10/22/07	0	N	Sys	16.9 J-	11.68	3430	---	7.1 UJ	---	3	11.71	69.1 J-	---	0.41 J	---	9.3	---	0.59 UJ	---	42.6	180.31	20.5	286.25 U	37.8	46.26	10.3 J	12.83 U	716	1065.38
R17	10/22/07	0	N	Sys	18.4 J-	45.84	3680	---	6.7 UJ	---	7.3	16.99	99.3 J-	---	0.5 J	---	14.1	---	0.13 J	---	58.8	993.93	37.1	443.48 U	47.6	83.16	6.3 J	16.64	954	1041.11
R18	10/22/07	0	N	Sys	---	11.85 U	---	---	---	---	10.82 U	---	---	---	---	---	---	---	---	---	136.67	---	291.01 U	---	37.92	---	12.44 U	---	572.06	
R19	10/22/07	0	N	Sys	---	35.51	---	---	---	---	14.88	---	---	---	---	---	---	---	---	---	142.65	---	244.48 U	---	37.4 U	---	12.58	---	408.43	
R20	10/22/07	0	N	Sys	31.7 J-	35.79	4480	---	6.5 UJ	---	10.5	14.55	192 J-	---	0.71	---	18	---	0.46 J	---	22	143.98	27.1	327.44 U	55.3	62.56	6.4 J	17.11	394	473
R21	10/22/07	0	N	Sys	---	16.63	---	---	---	---	15.7	---	---	---	---	---	---	---	---	---	---	101.12 U	---	204.21 U	---	55.5	---	17.38	---	422.35
R22	10/22/07	0	N	Sys	---	12.46 U	---	---	---	---	14.56	---	---	---	---	---	---	---	---	---	137.21	---	334.11 U	---	53.75	---	16	---	631.55	
R23	10/22/07	0	N	Sys	---	10.1 U	---	---	---	---	9.72 U	---	---	---	---	---	---	---	---	---	93.05	---	222.24 U	---	59.47	---	11.41 U	---	459.13	
R24	10/25/07	0	N	Sys	---	8.69 U	---	---	---	---	8.55 U	---	---	---	---	---	---	---	---	---	72.55 U	---	151.52 U	---	46.38	---	11.25	---	88.49 U	
R25	10/25/07	0	N	Sys	---	12.66 U	---	---	---	---	12.6	---	---	---	---	---	---	---	---	---	179.95	---	480.75	---	73.1	---	13.14 U	---	239.29	
R26	10/25/07	0	N	Sys	---	12.63 U	---	---	---	---	14 U	---	---	---	---	---	---	---	---	---	153.46	---	378.06 U	---	52.33	---	16.19 U	---	421.52	

TABLE 2
Soil Sample Results - XRF and Laboratory
Phase 1 Report
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Group I analytes on pages 1-13
Group II analytes on pages 14-26

Sample Results and Project Goals (mg/Kg)																														
Group I Analytes: Project Goals:					Mercury 0.174		Aluminum 50		Antimony 0.027		Arsenic 0.062		Barium 330		Beryllium 10		Boron 0.5		Cadmium 0.36		Chromium 0.4		Cobalt 13		Copper 28		Lead 11		Manganese 220	
Location	Date	Depth (feet)	Sample Type	Sampling Type	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF		
BVM																														
R27	10/15/07	0	N	Sys	0.28	9.41 U	15200	---	6.4 R	---	15.4	13.64	246	---	1	---	8.6	---	8.5 J	---	106	103.97 U	4.9 J	206.72 U	60.8	49.9	6.4	13.17 U	198	188.06
	10/15/07	1	N	Sys	0.3	10.78 U	15800	---	7.1 R	---	15	13.56	2100 J-	---	0.84	---	7.7	---	7.4	---	105 J	112.28 U	5.6 J	193.25 U	60.6	85.34	3.2	14.49 U	195	139.79
RCC-1	10/18/07	0	N	Jud	14.1	21.35	4710	---	7.1 UJ	---	13 J	16.16	104 J-	---	0.56 J	---	20.4	---	0.6 J	---	51.1 J	472.53	22.9	402.98 U	61.6	36.33	4.1 J	16.22 U	718	912.55
	10/18/07	1	N	Jud	1.9	13.06 U	2600	---	6.6 UJ	---	13.6 J	17.39	75.7 J-	---	0.4 J	---	13.6	---	0.44 J	---	45 J	187.1	21.9	295.08 U	45.6	45.87 U	3.2 J	13.81 U	649	493.57
	10/18/07	1	FD	Jud	7.1	---	1730	---	6.8 R	---	13.8 J	---	40.4 J-	---	0.47 J	---	9.8	---	0.43 J	---	57.8 J	---	26.7	---	48.4	---	8.1 J-	---	791	---
RCC-2	10/18/07	0	N	Jud	19.1	21.53	2690	---	6.8 R	---	9.1 J	13.54	103 J-	---	0.47 J	---	44.4	---	0.58 J	---	49.6 J	282.67	23.6	392.06 U	56.5	50.03	8.6 J-	13.11 U	846	792.37
	10/18/07	1	N	Jud	4	13.35 U	4160	---	6.9 R	---	9.1 J	12.95 U	105 J-	---	0.58	---	20.1	---	0.49 J	---	70.8 J	344.61	37.3	417.48 U	58.3	58.9	8.8 J-	16.63	961	967.27
S18	10/22/07	0	N	Sys	---	14.8	---	---	---	---	---	12.55 U	---	---	---	---	---	---	---	---	---	138.69 U	---	378.75 U	---	52.78	---	14.6 U	---	735
S19	10/22/07	0	N	Sys	---	14.51	---	---	---	---	---	13.87	---	---	---	---	---	---	---	---	---	288.62	---	348.17 U	---	73.47	---	13.43 U	---	763.22
S20	10/22/07	0	N	Sys	3.9 J-	9.94 U	8970	---	7.7 UJ	---	9	9.7	309 J-	---	0.59 J	---	25.6	---	0.63 J	---	62.2	113.5	18.6	220.87	38.9	41.4	8.4 J	10.79	803	791.16
S22	10/22/07	0	N	Sys	---	10.27 U	---	---	---	---	---	15.03	---	---	---	---	---	---	---	---	---	85.86	---	185.67 U	---	30.9 U	---	11.66	---	147.87
S23	10/22/07	0	N	Sys	---	10.82 U	---	---	---	---	---	11.37 U	---	---	---	---	---	---	---	---	---	234.47	---	296.68 U	---	40.37 U	---	15.66	---	575.42
S24	10/11/07	0	N	Sys	---	27.75 U	---	---	---	---	---	18.38 U	---	---	---	---	---	---	---	---	---	219.88 U	---	406.45 U	---	94.1 U	---	20.12	---	382.34
S25	10/11/07	0	N	Sys	---	16.07 U	---	---	---	---	---	15.52 U	---	---	---	---	---	---	---	---	---	265.86	---	506.46 U	---	54.38	---	17.22	---	722.52
S29	10/11/07	0	N	Sys	0.64	10.6 U	19900	---	6.7 UJ	---	10.8	18.65	273 J-	---	0.99	---	10.9	---	11.2	---	117	193.39	5.8	242.55 U	56	71.87	7.9	14.64 U	204	237.2
	10/16/07	1	N	Sys	0.6	10.04 U	20400	---	7.7 UJ	---	11.1	11.77	298 J-	---	1.1	---	11.3	---	12.4	---	124	129.36	6.7	194.58 U	61.8	50.17	7.4	13.08 U	233	169.28
S31	10/11/07	0	N	Sys	---	10.46 U	---	---	---	---	---	10.14 U	---	---	---	---	---	---	---	---	---	116.93 U	---	194.11 U	---	66.23	---	13.59 U	---	220.51
SB1-1d	10/08/07	0	N	Jud	3.6	13.97 U	11100	---	6.5 R	---	4.9	12.76 U	608	---	0.75	---	28.2	---	1.8	---	61.2 J	198.31	18.8	392.36 U	52.4	53.15 U	4.5	15.05 U	611	544.86
	10/18/07	1	N	Jud	15.2	35.38	10000	---	6.8 R	---	3 J	14.64 U	138 J-	---	0.54 J	---	16	---	0.42 J	---	33 J	251.51	21.3	578.09 U	38.5	62.79 U	5.2 J-	16.83 U	832	1050.96
SB1-2	10/09/07	0	N	Jud	35	24.51	5320	---	6.2 R	---	14.9	18.09 U	210	---	0.53	---	21.3	---	0.32 J	---	56.2 J	257.66	26.5	506.32 U	60.1	70.66 U	7	21.65 U	805	698.42
SB3	10/18/07	0	N	Jud	2.6	10.66 U	6110	---	6.9 R	---	14.5 J	11.11	135 J-	---	0.75	---	32.5	---	1.2 J	---	84.3 J	235.81	39.8	432.7	66.4	61.16	10.4 J-	13.28 U	1250	681.7
	10/18/07	1	N	Jud	0.069 J	13.01	2690	---	6.8 R	---	4.2 J	11 U	52.8 J-	---	0.3 J	---	38.3	---	0.23 J	---	50.1 J	224.51	27.2	264.26	53.2	48.11	4.5 J-	13.56 U	619	338.32
T22	10/16/07	0	N	Sys	0.97	10.86 U	12700	---	7.9 UJ	---	9.7	11.26 U	314 J-	---	0.71	---	26.2	---	1.7	---	84.9	162.35	22.9	321.7 U	43.5	42.6	8.4	13.7 U	637	630.78
	10/16/07	1	N	Sys	0.2	10.83 U	5300	---	6.8 UJ	---	11.4	11.96	460 J-	---	0.47 J	---	15.9	---	0.74	---	98.5	290.76	23.2	331.26	53.1	64.42	6.2	12.7 U	671	402.64
T23	10/22/07	0	N	Sys	---	10.8 U	---	---	---	---	---	12.06	---	---	---	---	---	---	---	---	---	193.65	---	376.1 U	---	60.05	---	12.94	---	787.74
T27	10/11/07	0	N	Sys	---	15.02 U	---	---	---	---	---	15.45 U	---	---	---	---	---	---	---	---	---	154.74 U	---	365.27 U	---	74.97	---	18.77 U	---	563.05
U24	10/12/07	0	N	Sys	---	9.86 U	---	---	---	---	---	9.87 U	---	---	---	---	---	---	---	---	---	128.23	---	273.41 U	---	48.1	---	11.83 U	---	862.29
U26	10/11/07	0	N	Sys	1	12.42 U	9950	---	6.6 R	---	4.8	11.53 U	196 J-	---	0.55 J	---	29.9	---	1.4	---	64.1 J	260.85	23.1	354.6 U	40.9	60.25	3.6	14.89 U	749	655.18
	10/11/07	0	FD	Sys	1.2	12.5 U	9820	---	6.6 R	---	5.1	12.01 U	197 J-	---	0.53 J	---	29.4	---	1.3	---	64.2 J	201.68	22.7	368.41 U	39.7	48.6	3.5	14.99 U	726	677.88
	10/15/07	1	N	Sys	0.16	11.4 U	10100	---	7 R	---	7	12.29	254 J-	---	0.57 J	---	24.5	---	0.5 UJ	---	66.4 J	297.47	27	383.35 U	45.8	67.67	3.1	14.47 U	846	790.85
U29	10/11/07	0	N	Sys	---	11.91 U	---	---	---	---	---	17.37	---	---	---	---	---	---	---	---	---	201.32	---	324.86 U	---	50.2	---	13.43 U	---	788.75
U31	10/11/07	0	N	Sys	0.49	9.94 U	12800	---	6.7 R	---	5	11.1 U	810 J-	---	0.66	---	20.5	---	1.5	---	80.4 J	167.73	22.4	301.9 U	42.5	56.62	6.7	13.05 U	827	928.92
	10/15/07	1	N	Sys	0.19	11.64 U	10800	---	6.8 R	---	6.3	14.38	570 J-	---	0.68	---	14.2	---	1.2	---	75.8 J	238.63	26	356.86 U	46.1	48.79	6.3	13.27 U	845	765.88

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Group I analytes on pages 1-13
Group II analytes on pages 14-26

Sample Results and Project Goals (mg/Kg)																														
Group I Analytes: Project Goals:					Mercury 0.174		Aluminum 50		Antimony 0.027		Arsenic 0.062		Barium 330		Beryllium 10		Boron 0.5		Cadmium 0.36		Chromium 0.4		Cobalt 13		Copper 28		Lead 11		Manganese 220	
Location	Date	Depth (feet)	Sample Type	Sampling Type	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF		
BVM																														
V28	10/26/07	0	N	Sys	---	11.72 U	---	---	---	---	---	14.33	---	---	---	---	---	---	---	---	---	119.94 U	---	246.97 U	---	39.94 U	---	12.17 U	---	405.7
W23	10/12/07	0	N	Sys	---	11.22 U	---	---	---	---	---	13.15 U	---	---	---	---	---	---	---	---	---	443.27	---	407.89 U	---	64.99	---	16.59 U	---	970.73
W27	10/12/07	0	N	Sys	---	12.7 U	---	---	---	---	---	13.75 U	---	---	---	---	---	---	---	---	---	134.23 U	---	299.23 U	---	44.55 U	---	24.08	---	831.54
W29	10/11/07	0	N	Sys	---	14.55 U	---	---	---	---	---	14.68 U	---	---	---	---	---	---	---	---	---	281.77	---	445.86	---	59.95 U	---	18.35 U	---	940.13
X22	10/15/07	0	N	Sys	1.5	11.19 U	23200	---	6.5 R	---	2.7	12.57 U	152 J-	---	0.53 J	---	5.4	---	0.51 J	---	140 J	234.62	27.8	390 U	39.8	50.47	8.1	14.68 U	1000	965.31
	10/15/07	1	N	Sys	0.62	12.94 U	21900	---	7.1 R	---	3.4	14.75 U	142 J-	---	0.44 J	---	5.7	---	0.51 J	---	114 J	226.18	25.5	551.32	56.8	81.48	6.9	16.71 U	975	2391.49
X30	10/26/07	0	N	Sys	0.47	11.59 U	26200	---	6.4 UJ	---	6.5 J	12.76 U	100 J-	---	0.47 J	---	13.2	---	1.7	---	228	336.13	32.4	420.02 U	44.5 J	51.79 U	8.1 J	18.27	831	808.38
	10/26/07	1	N	Sys	0.27 U	11.49 U	99600	---	16.1 UJ	---	2.7 UJ	10.7 U	159 J-	---	0.87 J	---	37.6	---	6	---	400	413.23	82	470.05 U	129 J	49.07	6.1 J	11.66 U	2530	1116.7
Y29	10/12/07	0	N	Sys	---	13.74 U	---	---	---	---	---	13.84 U	---	---	---	---	---	---	---	---	---	214.43	---	427.09 U	---	128.24	---	17.05	---	3669.94
Z30	10/12/07	0	N	Sys	---	11.44 U	---	---	---	---	---	13.11 U	---	---	---	---	---	---	---	---	---	111.78 U	---	252.31	---	39.85 U	---	29.23	---	1341.36
BVM - Ponds																														
RPB	10/18/07	0	N	Jud	0.97	21.9 U	4670	---	7.3 R	---	205 J	17.28	27.3 J-	---	0.4 J	---	0.61 U	---	0.61 UJ	---	18 J	383.43 U	13.8	1512.73 U	122	69.39 U	830 J-	17.1 U	1020	1716.91
	10/18/07	1	N	Jud	3.4	14.23	3220	---	6.9 R	---	12.2 J	15.5	72.9 J-	---	0.62	---	24.7	---	0.75 J	---	55.3 J	178.03 U	21.8	497.92 U	48.4	56.78	6.8 J-	16.27 U	792	684

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Sample Results and Project Goals (mg/Kg)																														
Group I Analytes: Project Goals:					Mercury 0.174		Aluminum 50		Antimony 0.027		Arsenic 0.062		Barium 330		Beryllium 10		Boron 0.5		Cadmium 0.36		Chromium 0.4		Cobalt 13		Copper 28		Lead 11		Manganese 220	
Location	Date	Depth (feet)	Sample Type	Sampling Type	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF		
KLAU																														
B15	10/16/07	0	N	Sys	2.1	11.5 U	20800	---	6.9 UJ	---	1.2	10.39 U	162 J-	---	0.53 J	---	7.4	---	0.23 J	---	117	194.39	23	319.26 U	45	51.77	9.4	12.8 U	920	992.32
	10/16/07	0	FD	Sys	2.3	12.99 U	20100	---	7 UJ	---	1.4	12.46 U	152 J-	---	0.52 J	---	6.9	---	0.15 J	---	111	198	22.2	398.67 U	42.3	57.6	9.8	13.58 U	885	1183.47
	10/16/07	1	N	Sys	3	11.23 U	21600	---	6.7 UJ	---	2.3	11.47 U	148 J-	---	0.56	---	4.8	---	0.15 J	---	121	282.2	24.2	337.38 U	45.7	73.37	10	16.45	849	790.15
C14	10/16/07	0	N	Sys	---	12.2 U	---	---	---	---	---	12.05 U	---	---	---	---	---	---	---	---	---	144.98 U	---	365.47 U	---	58.18	---	14.3 U	---	1047.24
CWA	10/26/07	0	N	Jud	---	14.63	---	---	---	---	---	13.27 U	---	---	---	---	---	---	---	---	---	349.47	---	426.31	---	47.32	---	14.88 U	---	1691.59
D17	10/16/07	0	N	Sys	---	11.22 U	---	---	---	---	---	11.8 U	---	---	---	---	---	---	---	---	---	223.83	---	316.53 U	---	46.23 U	---	14.69	---	683.78
E15	10/16/07	0	N	Sys	1.4	9.94 U	18900	---	6.9 UJ	---	5.4	9.74	190 J-	---	0.4 J	---	2	---	0.43 J	---	76.3	168.13	23.6	311.68 U	52.8	59.2	9.6	11.44 U	900	930.58
	10/16/07	1	N	Sys	0.81	---	22400	---	6.8 UJ	---	4.9	---	232 J-	---	0.4 J	---	2.5	---	0.53 J	---	91.3	---	25.8	---	63.7	---	10.4	---	940	---
F17	10/16/07	0	N	Sys	2	10.77 U	21100	---	6.4 UJ	---	1.9	12.05 U	112 J-	---	0.6	---	1.8	---	0.08 J	---	135	291.54	22.6	349.88 U	41.2	59.14	9.5	16.63	695	770.52
	10/16/07	1	N	Sys	0.88	13.57 U	22700	---	6.5 UJ	---	2.4	13.35 U	117 J-	---	0.64	---	1.8	---	0.06 J	---	167	253.57	26.5	397.79 U	47.3	85.93	8.7	14.39 U	774	755.11
FMS-1	10/19/07	0	N	Jud	60	67.15	2830	---	6.4 R	---	9.2 J	13.32 U	30.6 J-	---	0.28 J	---	4.9	---	0.29 J	---	105 J	1905.8	40.5	424.97 U	39.1	54.32	6.5 J-	15.29 U	566	818.51
	10/19/07	0	FD	Jud	94.4	87.54	2980	---	6.6 R	---	9 J	13.94 U	35 J-	---	0.26 J	---	5	---	0.29 J	---	104 J	2213.91	39	456.67 U	42.1	60.34	7.6 J-	20.82	616	1149.63
	10/20/07	1	N	Jud	57.5	42.42	1530	---	7 R	---	12.5 J	24.24	28.1 J-	---	0.5 UJ	---	6	---	0.19 J	---	27.6 J	426.38	19.8	509.06 U	37.6	54.3	3.4	13.68 U	398	454.05
FMS-2	10/19/07	0	N	Jud	133	171.88	1180	---	6.2 R	---	7.6 J	17.59	29.6 J-	---	0.07 J	---	3.4	---	0.52 UJ	---	16.9 J	875.24	5 UJ	304.67 U	10.7	38.45 U	9.7 J-	14.01 U	48.1	240.64
	10/20/07	1	N	Jud	99.1	67.63	2350	---	6.5 R	---	8 J	29.22	39 J-	---	0.5 UJ	---	6.7	---	0.35 J	---	79.1 J	1502.55	39.6	515.62	44.2	67.92	3.1	16.37	756	1349.95
H03	10/16/07	0	N	Sys	1.5	13.75 U	19200	---	6.8 UJ	---	3.7	13.36 U	108 J-	---	0.7	---	2.8	---	0.09 J	---	113	261.37	22.2	360.91 U	37.7	51.46	9.3	15.18	757	713.17
	10/16/07	1	N	Sys	1.2	13.04 U	18500	---	6.4 UJ	---	5.1	14.34 U	102 J-	---	0.65	---	2.4	---	0.02 J	---	102	244.92	22.2	382.94	38.6	63.15	9.5	17.58	740	972.27
H06	11/12/07	0	N	Sys	3.5	---	6640	---	7.1 R	---	14	---	98.7	---	1.8	---	38	---	0.37 J	---	160	---	105	---	43	---	5.2	---	1640	---
	11/12/07	1	N	Sys	3.2	---	7390	---	7 R	---	14.9	---	83.8	---	1.8	---	29.7	---	0.5 UJ	---	239	---	108	---	36.9	---	3.5	---	1440	---
H07	10/17/07	0	N	Sys	---	18.27	---	---	---	---	---	21.93	---	---	---	---	---	---	---	---	---	2071.64	---	610.27 U	---	67.95	---	12.63 U	---	2302.48
H10	10/17/07	0	N	Sys	1.6	8.35 U	19400	---	7.2 UJ	---	8 J	9.13	145 J-	---	0.58 J	---	9.7	---	0.51 J	---	102 J	154.18	31.2	290.4 U	65.9	63.92	11.6 J	11.33 U	1320	808.29
	10/17/07	0	FD	Sys	1.6	12.01 U	19900	---	7.5 UJ	---	7.5 J	12.57 U	155 J-	---	0.62 J	---	10.8	---	0.52 J	---	129 J	209.53	30.5	357.98 U	61.2	56.32	8.7 J	14.68 U	1180	757.78
	10/17/07	1	N	Sys	0.58	12.24 U	18700	---	6.4 UJ	---	10 J	14	152 J-	---	0.58	---	5.5	---	0.52 J	---	50.4 J	139.29 U	27.3	366.95	75.5	79.12	12.4 J	17.25	1380	1261.64
H15	10/10/07	0	N	Sys	---	11.63 U	---	---	---	---	---	14.76	---	---	---	---	---	---	---	---	---	162.68	---	370.21 U	---	44.68	---	14.25 U	---	739.74
H19	10/13/07	0	N	Sys	4.5	12.74 U	20000	---	7.3 R	---	2.4	9.65	102 J-	---	0.36 J	---	4.7	---	0.61 U	---	121 J	168.49	23.3	315.78 U	31.3	49.6	3.8	13.86 U	827	576.18
	10/16/07	1	N	Sys	0.14	11.35 U	25600	---	6.5 UJ	---	6.6	13.06	156 J-	---	0.56	---	5	---	0.63	---	164	388.94	27.6	376.89 U	51.9	65.39	12.1	15.71	812	698.33
H6B	11/12/07	0	N	Sys	6.2	---	7080	---	6.5 R	---	14.6	---	107	---	2.5	---	28.4	---	0.5 UJ	---	169	---	172	---	37.4	---	4.7	---	1640	---
	11/12/07	0	FD	Sys	4.6	---	6660	---	6.5 R	---	17.2	---	113	---	2.2	---	26.5	---	0.5 UJ	---	170	---	208	---	38.7	---	4.1	---	1760	---
	11/12/07	1	N	Sys	4.5	---	6930	---	6.8 R	---	15.1	---	111	---	2.2	---	25.7	---	0.5 UJ	---	174	---	213	---	38.2	---	3.8	---	1760	---
I02	10/16/07	0	N	Sys	---	12.81	---	---	---	---	---	12.48 U	---	---	---	---	---	---	---	---	---	142.01	---	239.66 U	---	33.25 U	---	20.17	---	362.91
I05	11/14/07	0	N	Sys	32.1 J+	61.1	7080	---	6.2 UJ	---	11.1	20.82	88	---	1.9 J	---	0.52 U	---	3.6	---	914	10296.75	197	1241.94 U	25	120.54 U	4.4	14.61 U	1820	6266.62
I08	10/17/07	0	N	Sys	27	41.22	9520	---	7.2 UJ	---	1.2 U	10.7 U	59.8 J-	---	0.63	---	15.5	---	1.2	---	675	1331.27	113	543.48 U	20.6	66.81 U	4.3	12.84 U	1130	1548.6
	10/17/07	1	N	Sys	27.4	23.42	9920	---	7.1 UJ	---	1.2 U	11.13 U	60.6 J-	---	0.4 J	---	13.6	---	1.2	---	683	1225.82	110	540.15	16.7	66.32 U	2.8	14.01 U	1040	1149.97

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Location	Date	Depth (feet)	Sample Type	Sampling Type	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF		
KLAU																														
I09	10/17/07	0	N	Sys	---	10.75 U	---	---	---	---	12.3	---	---	---	---	---	---	---	---	---	698.42	---	350.1 U	---	51.09	---	15.9	---	755.61	
I11	10/17/07	0	N	Sys	---	7.31 U	---	---	---	---	8.7 U	---	---	---	---	---	---	---	---	---	85.09	---	209.11 U	---	51.71	---	14.34	---	1707.43	
I17	10/10/07	0	N	Sys	4.3 J-	10.78 U	23900	---	1.3 J-	---	1.9	12.47	190 J-	---	0.71	---	5.4	---	0.57 U	---	164 J	264.3	23.2	333.71 U	37.1	46.04 U	7.3	11.8 U	795	648.09
	10/16/07	1	N	Sys	0.11 J	11.41 U	26100	---	6.7 UJ	---	1.1	14.95	212 J-	---	0.79	---	1.3	---	0.06 J	---	218	380.95	31.9	373.83 U	49.6	73.6	9.4	13.22 U	973	732.29
I3.5	11/12/07	0	N	Sys	3.3	---	8970	---	6.3 R	---	9.5	---	51.5	---	0.47 J	---	12.5	---	0.23 J	---	104	---	24.9	---	40.4	---	6.6	---	759	---
	11/12/07	1	N	Sys	0.36	---	26600	---	6.5 R	---	10.1	---	53.5	---	0.54	---	8.5	---	0.54 J	---	204	---	32.6	---	56.9	---	4.9	---	956	---
J01	10/17/07	0	N	Sys	---	11.26 U	---	---	---	---	12.38 U	---	---	---	---	---	---	---	---	---	165.68	---	267.37 U	---	36.71 U	---	24.09	---	747.69	
	10/17/07	1	N	Sys	---	10.58 U	---	---	---	---	11.33 U	---	---	---	---	---	---	---	---	---	---	122.8 U	---	261.76 U	---	39.54 U	---	14.16	---	442.22
J03-1	10/16/07	0	N	Sys	---	11.8 U	---	---	---	---	12.4 U	---	---	---	---	---	---	---	---	---	499.45	---	370.86 U	---	74.33	---	17.22	---	802.47	
J07	10/17/07	0	N	Sys	---	25.14	---	---	---	---	14.93	---	---	---	---	---	---	---	---	---	1879.7	---	564.48 U	---	59.08	---	14.32 U	---	2010.35	
J10	10/10/07	0	N	Sys	---	11.65 U	---	---	---	---	14.86 U	---	---	---	---	---	---	---	---	---	161.01 U	---	364.41 U	---	48.84 U	---	16.92 U	---	619.43	
J11	10/10/07	0	N	Sys	---	10.73 U	---	---	---	---	10.95 U	---	---	---	---	---	---	---	---	---	169.23	---	312.36 U	---	57.72	---	12.29	---	615.77	
J12	10/10/07	0	N	Sys	---	12.15 U	---	---	---	---	12.22	---	---	---	---	---	---	---	---	---	262.91	---	359.51 U	---	62.49	---	13.43	---	897.32	
J13	10/10/07	0	N	Sys	---	22.97 U	---	---	---	---	22.53 U	---	---	---	---	---	---	---	---	---	267.14 U	---	498.23 U	---	78.69 U	---	36.21	---	693.05	
J14	10/10/07	0	N	Sys	---	11.96 U	---	---	---	---	13.77 U	---	---	---	---	---	---	---	---	---	236.24	---	380.29 U	---	64.8	---	13.4	---	862.4	
J15	10/10/07	0	N	Sys	2.2	13.26 U	27800	---	6.7 R	---	7.6	11.16	110	---	0.48 J	---	8.5	---	0.31 J	---	183 J	327.49	29	454.6 U	56.8	48.85	11	23.88	895	806.5
J19	10/13/07	0	N	Sys	27.7	17.77	19500	---	7.3 R	---	3.4	12.67 U	117 J-	---	0.4 J	---	6.8	---	0.61 U	---	52 J	134.39 U	19.4	362.99 U	52.2	73.05	8.3	18.34	1070	1245.67
	10/13/07	0	FD	Sys	29.5	12.42 U	17000	---	6.7 R	---	2.8	9.73 U	110 J-	---	0.37 J	---	6.3	---	0.56 U	---	47.7 J	123.41 U	18.4	316.86 U	45.4	39.76	7.3	12.44 U	1050	1843.74
JK5	11/12/07	0	N	Sys	24.5	---	8810	---	6.4 R	---	16.5	---	96.6	---	1.9	---	12	---	1.1 J	---	633	---	165	---	32.8	---	6.6	---	1940	---
	11/12/07	1	N	Sys	11.9	---	8450	---	6.8 R	---	16.2	---	80.2	---	1.6	---	13.6	---	0.84 J	---	396	---	104	---	35.3	---	3.7	---	1440	---
JK78	10/26/07	0	N	Sys	---	31.87	---	---	---	---	21.55	---	---	---	---	---	---	---	---	---	7852.88	---	1119.32 U	---	65.45	---	26.25	---	6303.99	
K04	10/16/07	0	N	Sys	6.4	14.52 U	25500	---	6.5 UJ	---	1.1 U	13.9 U	158 J-	---	0.71	---	3.9	---	0.32 J	---	208	565.95	38.8	401.88 U	51.9	66.39	11.1	16.56	1000	950.24
	10/16/07	1	N	Sys	4.3	14.08 U	29900	---	6.5 UJ	---	5.2 J	12.91 U	216 J-	---	0.79	---	8.3	---	0.35 J	---	236 J	1036.56	41.8	546.19 U	60	79.96	6.4 J	16.27 U	1370	2498.1
K06	10/16/07	0	N	Sys	---	21.73	---	---	---	---	9.35 U	---	---	---	---	---	---	---	---	---	3459.8	---	732.24 U	---	87.75	---	12.16 U	---	2926.95	
K08	10/23/07	0	N	Sys	---	29.52	---	---	---	---	19.95	---	---	---	---	---	---	---	---	---	1229.48	---	496.93 U	---	53.95 U	---	16.8	---	1937.77	
K09	10/23/07	0	N	Sys	---	10.64 U	---	---	---	---	14.55	---	---	---	---	---	---	---	---	---	97.25 U	---	261.87 U	---	37.94 U	---	13.53 U	---	445.91	
K10	10/10/07	0	N	Sys	1.3	13.24 U	20800	---	7.3 R	---	7.2	15.42	106	---	0.46 J	---	11.5	---	0.11 J	---	74.8 J	123.21 U	21.6	340.34 U	52.1	65.62	11.3	12.74 U	890	608.1
K11	10/10/07	0	N	Sys	---	10.01 U	---	---	---	---	11.07 U	---	---	---	---	---	---	---	---	---	---	187.5	---	347.63 U	---	77.63	---	12.74 U	---	674.24
K12	10/10/07	0	N	Sys	1.1	10.22 U	16400	---	6.6 R	---	7.3	11.01	70.5	---	0.46 J	---	7.4	---	0.1 J	---	30.5 J	113.36 U	13.6	293.82 U	31.6	47.62	10	11.95	613	568.07
K13	10/10/07	0	N	Sys	0.56	10.62 U	24800	---	7.1 R	---	6	10.1 U	82.3	---	0.51 J	---	7.3	---	0.2 J	---	139 J	226.73	27.6	328.7 U	56.8	48.94	8	12.68 U	872	625.65
K14	10/10/07	0	N	Sys	---	10.55 U	---	---	---	---	11.41 U	---	---	---	---	---	---	---	---	---	---	140.07	---	361.31 U	---	54.66	---	20.44	---	775.73
K15	10/10/07	0	N	Sys	---	11.87 U	---	---	---	---	12.25 U	---	---	---	---	---	---	---	---	---	---	206.88	---	379.15	---	43.88	---	14.77 U	---	597.84

TABLE 2
Soil Sample Results - XRF and Laboratory
Phase 1 Report
Klau and Buena Vista Mines

Group I analytes on pages 1-13
Group II analytes on pages 14-26

Sample Results and Project Goals (mg/Kg)																														
Group I Analytes: Project Goals:					Mercury 0.174		Aluminum 50		Antimony 0.027		Arsenic 0.062		Barium 330		Beryllium 10		Boron 0.5		Cadmium 0.36		Chromium 0.4		Cobalt 13		Copper 28		Lead 11		Manganese 220	
Location	Date	Depth (feet)	Sample Type	Sampling Type	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF		
KLAU																														
K16	10/10/07	0	N	Sys	---	9.98 U	---	---	---	---	---	9.47 U	---	---	---	---	---	---	---	---	---	209.56	---	298.18	---	42.37	---	10.8 U	---	516.74
K18	10/23/07	0	N	Sys	---	13.36	---	---	---	---	---	16.37	---	---	---	---	---	---	---	---	---	160.2	---	378.05	---	109.18	---	27.68	---	1118.49
K19	10/25/07	0	N	Sys	---	10.94 U	---	---	---	---	---	11.46 U	---	---	---	---	---	---	---	---	---	288.99	---	385.44	---	64.24	---	15.4	---	713.76
KMP	10/19/07	0	N	Jud	85.9	41.06	4110	---	6.9 R	---	6.9 J	11.72	35.1 J-	---	0.33 J	---	5.8	---	0.15 J	---	90.6 J	703.06	51.5	325.11 U	37.6	72.76	8 J-	12.05	677	607.49
	10/20/07	1	N	Jud	54.4	72.15	1860	---	6.9 R	---	1.1 UJ	12.19 U	20 U	---	0.29 J	---	7.7	---	0.58 J	---	38.2 J	1138.91	110	442.98 U	43	71.31	4.3 J-	16.86 U	2110	2752.36
KOP-1	10/10/07	0	N	Jud	2.3	12.54 U	5950	---	6.4 R	---	12.6	16.26	109	---	0.62	---	22.3	---	0.54 U	---	29.5 J	163.55	20.6	332.96 U	68.3	68.51	11.3	15.21 U	817	460.43
KOP-2	10/10/07	0	N	Jud	253	1147.95	1710	---	6.2 R	---	6.9	14.91	15.5 J	---	0.04 J	---	6	---	0.52 U	---	27.7 J	355.96	1.3 J	327.45 U	19.4	43.08 U	5.1	18.1 U	28.9	160.53 U
KOP-3	10/20/07	0	N	Jud	76.8 J-	---	2960	---	6.1 R	---	9 J	---	40.5 J-	---	0.28 J	---	15	---	0.04 J	---	23.6 J-	---	13.6 J-	---	39.3	---	7.9	---	609	---
	10/20/07	1	N	Jud	11.4 J-	14.23	2820	---	6.4 R	---	7.8 J	18.66	56.8 J-	---	0.38 J	---	23.7	---	0.54 U	---	21.6 J-	119.05 U	17.9 J-	292.3 U	44.7	41.34 U	9.2	14.37 U	699	484.79
KPC	10/20/07	0	N	Jud	15.8 J-	10 U	12900	---	6.6 R	---	6 J	---	64.6 J-	---	0.41 J	---	16.4	---	0.26 J	---	96.9 J-	---	25.1 J-	---	65.2	---	18.7	---	882	---
	10/20/07	1	N	Jud	2 J-	12.46 U	15000	---	7 R	---	5.4 J	14.87 U	76 J-	---	0.53 J	---	13.7	---	0.22 J	---	128 J-	444.19	29.5 J-	440.94 U	56.9	58.22	8.6	17.44 U	909	827.96
L03	10/17/07	0	N	Sys	---	10.9 U	---	---	---	---	---	12.94	---	---	---	---	---	---	---	---	---	107.46 U	---	239.78 U	---	31.31 U	---	12.76 U	---	482.66
L05	10/16/07	0	N	Sys	33.9	33.98	5510	---	6.4 R	---	8.4	20.15 U	139	---	1.1	---	9.3	---	0.79 J	---	647	2897.88	128	670.64 U	23.2	67.66 U	26.1	72.69	1400	2735.13
L07	10/23/07	0	N	Sys	---	43.98	---	---	---	---	---	126.91	---	---	---	---	---	---	---	---	---	584.49	---	399.88	---	59.47	---	26.26	---	1118.76
L08	10/23/07	0	N	Sys	---	12.07	---	---	---	---	---	115.33	---	---	---	---	---	---	---	---	---	314.86	---	429.8 U	---	50.4	---	21.93	---	1062.45
L09	10/23/07	0	N	Sys	9.9 J	11.5	5490	---	6.6 UJ	---	7.1	13.86	76.2 J-	---	0.5 J	---	7.6	---	0.55 UJ	---	21.9	121.7 U	12.2	314.32 U	31.1	41.15	12.4 J	16.86	593	695.61
L10	10/23/07	0	N	Sys	---	9.41 U	---	---	---	---	---	13.06	---	---	---	---	---	---	---	---	---	104.99 U	---	278.67 U	---	34.5	---	15.74	---	589.69
L11	10/10/07	0	N	Sys	---	12.31 U	---	---	---	---	---	14.86 U	---	---	---	---	---	---	---	---	---	259.49	---	499.58	---	49	---	16.43 U	---	760.36
L12	10/10/07	0	N	Sys	3	11.1 U	14200	---	6.9 R	---	3.8	8.87 U	110	---	0.51 J	---	51.8	---	0.1 J	---	78.4 J	144.34	31.5	438.13	41.7	37.24	10.4	10.68 U	1020	784.23
L13	10/10/07	0	N	Sys	---	350.63	---	---	---	---	---	12.74 U	---	---	---	---	---	---	---	---	---	593.97	---	305.64	---	41.51 U	---	15.98	---	531.18
L14	10/10/07	0	N	Sys	---	14.59 U	---	---	---	---	---	12.37 U	---	---	---	---	---	---	---	---	---	288.61	---	433.85 U	---	62.48 U	---	14.9 U	---	633.51
L15	10/23/07	0	N	Sys	---	13.38 U	---	---	---	---	---	9.34	---	---	---	---	---	---	---	---	---	256.07	---	445.18 U	---	47.86	---	14.18	---	1280.15
L16	10/23/07	0	N	Sys	---	12.08 U	---	---	---	---	---	12.07	---	---	---	---	---	---	---	---	---	263.81	---	407.94 U	---	50.29	---	16.56	---	907.97
L17	10/23/07	0	N	Sys	---	11.72 U	---	---	---	---	---	12.06 U	---	---	---	---	---	---	---	---	---	279.65	---	359.89 U	---	65.72	---	14.98	---	896.51
L18	10/23/07	0	N	Sys	---	12.53 U	---	---	---	---	---	12.76 U	---	---	---	---	---	---	---	---	---	169.69	---	343.45 U	---	55.52	---	15.46 U	---	768.32
L19	10/25/07	0	N	Sys	---	31.64	---	---	---	---	---	13.13 U	---	---	---	---	---	---	---	---	---	455.91	---	416.86 U	---	60.26	---	15.83	---	1204.39
M06	10/16/07	0	N	Jud	129	169.62	3090	---	1.6 J	---	11.7	18.48	26.3 J-	---	0.16 J	---	4.3	---	0.18 J	---	99.7	671.69	11.5	319.79	25.2	49.82	10.5	14.18 U	261	568.36
M07	10/16/07	0	N	Sys	---	16.66 U	---	---	---	---	---	13.44 U	---	---	---	---	---	---	---	---	---	1138.94	---	571.35 U	---	67.58 U	---	16.4 U	---	1319.79
M08	10/23/07	0	N	Sys	---	13.42 U	---	---	---	---	---	14.23 U	---	---	---	---	---	---	---	---	---	182.82	---	463.49 U	---	53.11 U	---	18.4	---	1472.37
M09	10/23/07	0	N	Sys	---	13.53 U	---	---	---	---	---	14.65 U	---	---	---	---	---	---	---	---	---	183.13 U	---	486.62 U	---	63.69	---	17.16 U	---	876.85
M10	10/23/07	0	N	Sys	---	11.73 U	---	---	---	---	---	11.87	---	---	---	---	---	---	---	---	---	293.5	---	402.77 U	---	57.83	---	16.49	---	1419.04
M11	10/23/07	0	N	Sys	---	15.18 U	---	---	---	---	---	13.28 U	---	---	---	---	---	---	---	---	---	293.89	---	531.05 U	---	49.06 U	---	15.6 U	---	1071.74

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Soil Sample Results - XRF and Laboratory
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Group I analytes on pages 1-13
Group II analytes on pages 14-26

Sample Results and Project Goals (mg/Kg)																														
Group I Analytes: Project Goals:					Mercury 0.174		Aluminum 50		Antimony 0.027		Arsenic 0.062		Barium 330		Beryllium 10		Boron 0.5		Cadmium 0.36		Chromium 0.4		Cobalt 13		Copper 28		Lead 11		Manganese 220	
Location	Date	Depth (feet)	Sample Type	Sampling Type	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF		
KLAU																														
M12	10/23/07	0	N	Sys	---	12.36	---	---	---	---	---	10.61 U	---	---	---	---	---	---	---	---	---	325.88	---	361.27	---	61.56	---	13.41 U	---	981.09
M13	10/23/07	0	N	Sys	---	12.56 U	---	---	---	---	---	12.74 U	---	---	---	---	---	---	---	---	---	168.68	---	684.32	---	69.27	---	16.9	---	1835.33
M14	10/23/07	0	N	Sys	---	11.78 U	---	---	---	---	---	11.36	---	---	---	---	---	---	---	---	---	195.71	---	351.11 U	---	39.85	---	12.32 U	---	413.38
M15	10/23/07	0	N	Sys	---	16.63	---	---	---	---	---	10.49 U	---	---	---	---	---	---	---	---	---	112.18	---	242.99 U	---	36.38 U	---	12.82	---	161.39
M16	10/23/07	0	N	Sys	---	11.73 U	---	---	---	---	---	11.49	---	---	---	---	---	---	---	---	---	399.57	---	389.73 U	---	44.49	---	14.61	---	950.51
M17	10/23/07	0	N	Sys	---	12.27	---	---	---	---	---	9.77 U	---	---	---	---	---	---	---	---	---	189.11	---	307.58	---	46.33	---	9.79 U	---	854.87
M18	10/23/07	0	N	Sys	---	10.05	---	---	---	---	---	10.89 U	---	---	---	---	---	---	---	---	---	324.62	---	463.42	---	86.82	---	12.04 U	---	1282.15
M19	10/25/07	0	N	Sys	---	30.03	---	---	---	---	---	15.27 U	---	---	---	---	---	---	---	---	---	234.86	---	500.27 U	---	59.44	---	18.15 U	---	1220.92
N06	10/13/07	0	N	Sys	---	21.66	---	---	---	---	---	14.36 U	---	---	---	---	---	---	---	---	---	169.52 U	---	429.59 U	---	46.06 U	---	18.18	---	344.62
N07-1	10/23/07	0	N	Sys	---	18.7	---	---	---	---	---	11.48 U	---	---	---	---	---	---	---	---	---	631.17	---	407.35 U	---	57.62	---	15.52	---	1220.18
N08	10/16/07	0	N	Sys	---	32.01	---	---	---	---	---	12.67 U	---	---	---	---	---	---	---	---	---	461.16	---	372.44 U	---	67.52	---	17.4	---	877.1
N09	10/24/07	0	N	Sys	20.7 J	16.05	3400	---	7.3 UJ	---	9.8	9.97	71.9 J-	---	0.54 J	---	14.7	---	0.61 UJ	---	40	166.48	23.8	273.48	51.5	48.62	10.7 J	11.55 U	815	387.61
N10	10/24/07	0	N	Sys	---	34.41	---	---	---	---	---	10.03 U	---	---	---	---	---	---	---	---	---	665.58	---	318.52 U	---	42.08	---	12.31 U	---	926.3
N11	10/24/07	0	N	Sys	---	16.04	---	---	---	---	---	11.41 U	---	---	---	---	---	---	---	---	---	251.38	---	180.59 U	---	32.77 U	---	25.84	---	1340.68
N12	10/24/07	0	N	Sys	7 J	16.86	2970	---	6.5 UJ	---	2.3	11.92	54.1 J-	---	0.44 J	---	6.6	---	0.55 UJ	---	46.3	267.53	20.3	380.42 U	42.8	73.82	8.4 J	17.37	1180	2869.83
N13	10/24/07	0	N	Sys	158 J	350.76	2580	---	6.1 UJ	---	2.7	11.15 U	28.9 J-	---	0.21 J	---	3.9	---	0.51 UJ	---	39.1	401.46	18	292.52 U	24.7	40.03	3.4 J	13.38 U	409	432.32
	10/24/07	1	N	Sys	55.5 J	---	2130	---	1.7 J	---	2.2	---	14.9 J-	---	0.07 J	---	2.4	---	0.51 UJ	---	19.8	---	2.6 J	---	13.8	---	2.9 J	---	92.6	---
N13E	10/24/07	0	N	Sys	---	75.78	---	---	---	---	---	12.13 U	---	---	---	---	---	---	---	---	---	212.76	---	283.09 U	---	51.11	---	17.76	---	139.1 U
N13S	10/24/07	0	N	Sys	---	25.54	---	---	---	---	---	10.63 U	---	---	---	---	---	---	---	---	---	139.5	---	280.13 U	---	38.13	---	12.58 U	---	133.02 U
N13W	10/24/07	0	N	Sys	---	60.16	---	---	---	---	---	12.35 U	---	---	---	---	---	---	---	---	---	336.43	---	412.7 U	---	54.99	---	13.92 U	---	266.24
N14	10/23/07	0	N	Sys	---	13.16 U	---	---	---	---	---	12.11 U	---	---	---	---	---	---	---	---	---	142.38 U	---	324 U	---	44.61 U	---	14.64 U	---	539
N15	10/23/07	0	N	Sys	---	17.07	---	---	---	---	---	12.8 U	---	---	---	---	---	---	---	---	---	194.82	---	426.76 U	---	59.94	---	19.12	---	483.72
N16	10/20/07	0	N	Sys	---	45.77	---	---	---	---	---	13.72	---	---	---	---	---	---	---	---	---	457.18	---	365.47 U	---	46.25 U	---	13.78 U	---	522.67
N17	10/25/07	0	N	Sys	---	12.64 U	---	---	---	---	---	12.47 U	---	---	---	---	---	---	---	---	---	468.25	---	430.93 U	---	80.77	---	15.23 U	---	845.98
N18	10/25/07	0	N	Sys	13.2	15.22 U	35500	---	9.2 UJ	---	4.9 J	14.84	93.6 J-	---	0.64 J	---	8	---	2.4	---	225	295.51	40.9	460.14 U	70.2 J	63.92	12.3 J	17.69 U	1240	896.78
N19	10/13/07	0	N	Sys	---	11.82 U	---	---	---	---	---	10.67 U	---	---	---	---	---	---	---	---	---	423.12	---	374.78 U	---	42.14	---	13.76 U	---	565.33
O03	10/17/07	0	N	Sys	0.62	12.26 U	28200	---	2.5 J	---	2.2 J	10.61	220 J-	---	0.57 J	---	13.2	---	0.05 J	---	133 J	163.02 U	29.6	424.2	62.3	87.27	0.96 J	14.83 U	914	1213.03
	10/17/07	1	N	Sys	0.1 J	12.15 U	26000	---	2.2 J	---	1.4 J	10.39 U	169 J-	---	0.46 J	---	11	---	0.56 UJ	---	126 J	194.6	27.7	505.48 U	62.4	112.7	1.7 J	14.44 U	836	1244.72
O05	10/17/07	0	N	Sys	---	11.47 U	---	---	---	---	---	10.24 U	---	---	---	---	---	---	---	---	---	347.92	---	372.05	---	53.91	---	12.67 U	---	837.18
O08	10/23/07	0	N	Sys	---	45.99	---	---	---	---	---	13.49	---	---	---	---	---	---	---	---	---	553.58	---	375.85 U	---	62.28	---	14.6 U	---	1037.42
O09	10/16/07	0	N	Sys	---	32.62	---	---	---	---	---	14.04	---	---	---	---	---	---	---	---	---	990.37	---	425.23 U	---	62.07	---	25.02	---	1225.22
O10	10/24/07	0	N	Sys	---	30.93	---	---	---	---	---	20.56	---	---	---	---	---	---	---	---	---	1396.81	---	414.58 U	---	55.15	---	18.38	---	3110.07

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Sample Results and Project Goals (mg/Kg)																														
Group I Analytes: Project Goals:					Mercury 0.174		Aluminum 50		Antimony 0.027		Arsenic 0.062		Barium 330		Beryllium 10		Boron 0.5		Cadmium 0.36		Chromium 0.4		Cobalt 13		Copper 28		Lead 11		Manganese 220	
Location	Date	Depth (feet)	Sample Type	Sampling Type	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF		
KLAU																														
O11	10/24/07	0	N	Sys	---	17.34	---	---	---	---	---	11.24 U	---	---	---	---	---	---	---	---	---	528.73	---	306.36 U	---	62.25	---	13.76	---	734.25
O12	10/24/07	0	N	Sys	---	37.27	---	---	---	---	---	8.94 U	---	---	---	---	---	---	---	---	---	264.51	---	137.23 U	---	35.07 U	---	12.28 U	---	97.66 U
O13	10/20/07	0	N	Sys	---	35.56	---	---	---	---	---	9.86 U	---	---	---	---	---	---	---	---	---	728.32	---	303.97 U	---	49.33	---	13.07	---	10498.73
O14	10/20/07	0	N	Sys	---	23.13	---	---	---	---	---	11.95 U	---	---	---	---	---	---	---	---	---	306.99	---	318.37 U	---	41.03 U	---	20.83	---	467.46
O15	10/23/07	0	N	Sys	---	121.19	---	---	---	---	---	13.26	---	---	---	---	---	---	---	---	---	396.4	---	316.3 U	---	58.73	---	13.78 U	---	179.08
O16	10/20/07	0	N	Sys	---	10.77	---	---	---	---	---	9.25 U	---	---	---	---	---	---	---	---	---	99.58	---	214.47 U	---	40.4	---	14.61	---	590.42
O17	10/25/07	0	N	Sys	---	12.88 U	---	---	---	---	---	13.03 U	---	---	---	---	---	---	---	---	---	362.11	---	368.2 U	---	90.24	---	15.56 U	---	833.19
O18	10/25/07	0	N	Sys	---	10.18	---	---	---	---	---	10.26	---	---	---	---	---	---	---	---	---	137.79	---	353.3 U	---	99.86	---	10.8	---	944.65
OP15-16	10/26/07	0	N	Sys	---	15.61	---	---	---	---	---	25.11	---	---	---	---	---	---	---	---	---	197.2	---	392.93 U	---	63.21	---	15.46 U	---	393.61
P10	10/13/07	0	N	Sys	12.2	12.8 U	12200	---	6.6 R	---	6.8	13.94 U	83.2	---	0.53 J	---	10.2	---	0.5 UJ	---	81.8	594.53	32.1	1049.53	40.5	51.97 U	4.5	15.11 U	921	986.58
P11	10/19/07	0	N	Sys	40.4	48.46	2860	---	6.3 R	---	6.5 J	17.92	40.5 J-	---	0.45 J	---	7.9	---	0.46 J	---	104 J	1446.77	54.9	478.35 U	51	86.54	6.8 J-	18.61	1040	1379.34
	10/19/07	0	FD	Sys	45.5	---	3150	---	6.4 R	---	6.9 J	---	37.3 J-	---	0.47 J	---	7.9	---	0.57 J	---	112 J	---	67.4	---	51.2	---	7.2 J-	---	1170	---
P12	10/25/07	0	N	Sys	42	34.79	5150	---	5.2 J	---	12 J	14.28	43.2 J-	---	0.2 J	---	1.6	---	1.2	---	265	959.24	2.9 J	218.92 U	24.2 J	35.99 U	7.2 J	11.94	444	1399.13
P13	10/25/07	0	N	Sys	---	15.01 U	---	---	---	---	---	13.32 U	---	---	---	---	---	---	---	---	---	286.15	---	486.42 U	---	54.78 U	---	16.36 U	---	624.46
P14	10/25/07	0	N	Sys	---	52.56	---	---	---	---	---	14.22 U	---	---	---	---	---	---	---	---	---	273.62	---	299.95 U	---	53.81	---	22.79	---	899.53
P15	10/25/07	0	N	Sys	150	164.65	2090	---	1.6 J	---	5.9 J	12.99 U	44.2 J-	---	0.14 J	---	4	---	0.6	---	40.9	348.3	5.4	312.98 U	36.4 J	53.56	11.4 J	14.08 U	196	363.14
P16	10/25/07	0	N	Sys	36.6	28.75	3390	---	6.6 UJ	---	3.7 J	14.37 U	54.4 J-	---	0.76	---	5.2	---	1.7	---	56.1	292.31	29.8	536.21 U	58.5 J	58.67	9.6 J	14.82	1210	1600.91
P17	10/25/07	0	N	Sys	---	22.33	---	---	---	---	---	12.18 U	---	---	---	---	---	---	---	---	---	303.32	---	390.94	---	51.18	---	21.45	---	1372.13
Q11-1	10/26/07	0	N	Sys	106	93.11	15600	---	11.7 UJ	---	14.1 J	24.35	205 J-	---	0.78 J	---	23.4	---	3.5	---	141	698.57	72	545.98 U	91.8 J	79.37	40.9 J	15.25 U	2020	1537.01
Q12	10/19/07	0	N	Sys	---	67.01	---	---	---	---	---	21.69	---	---	---	---	---	---	---	---	---	1641.96	---	448.96 U	---	68.8	---	16.6 U	---	1421.68
Q13	10/16/07	0	N	Sys	53.2	57.95	2500	---	6.5 UJ	---	8.4 J	11.7 U	22 J-	---	0.5 UJ	---	6.6	---	0.42 J	---	90.7 J	1075.35	34.7	349.16 U	51.1	46.08 U	6.6 J	13.11 U	821	695.39
	10/19/07	1	N	Sys	89.2	---	4370	---	6.4 UJ	---	10.5 J	---	40.1 J-	---	0.45 J	---	8.4	---	0.79 J	---	172 J	---	70.8	---	53.5	---	3.3 J	---	1210	---
Q14	10/19/07	0	N	Sys	---	28.19	---	---	---	---	---	13.03 U	---	---	---	---	---	---	---	---	---	431.95	---	405.62 U	---	61.49	---	21.04	---	1003.76
Q15	10/19/07	0	N	Sys	---	15.85	---	---	---	---	---	15.22	---	---	---	---	---	---	---	---	---	411.31	---	418.65 U	---	57.86	---	15.44 U	---	912.81
Q16	10/19/07	0	N	Sys	8.9	15.69	2910	---	6.2 UJ	---	10.3 J	23.75	59.8 J-	---	0.46 J	---	10.7	---	0.53 J	---	57.1 J	363.46	28.5	461.11 U	48	57.27	4.7 J	15.06 U	837	1463.37
ROC	10/24/07	0	N	Jud	163 J	41.29	1970	---	4.9 J	---	4	9.53 U	41.5 J-	---	0.03 J	---	3.6	---	0.51 UJ	---	46.4	116.28	0.18 J	137.81 U	8.9	34.52 U	5.8 J	11.95 U	19.6	88.47 U
SB4	10/19/07	0	N	Jud	89	34.2	8300	---	7 R	---	8.6 J	16.23	77.7 J-	---	0.51 J	---	15	---	0.41 J	---	174 J	1042.89	64.4	370.74 U	51	52.66 U	8.5 J-	14.56 U	952	873.4
	10/20/07	1	N	Jud	41.5 J-	36.16	17600	---	6.6 R	---	9.3 J	19.41	106 J-	---	0.57	---	14.9	---	0.37 J	---	197 J-	932.89	56.5 J-	426.62 U	42	68.11	10.7	15.84 U	1120	1282
WKJ	10/26/07	0	N	Sys	36.1	60.73	9970	---	54 UJ	---	9 UJ	19.94	74.8 J-	---	2.6	---	26.1	---	4.5 U	---	1460	8469.56	302	993.85 U	71.7 J	90.93 U	6.7 J	14.61 U	2170	3259.52
	10/26/07	1	N	Sys	42.1	34.96	8820	---	39.9 UJ	---	19.2 J	39.45	59.8 J-	---	2.3	---	3.3 U	---	3.3 U	---	1150	7412.61	251	1182.94 U	24.4 J	96.45 U	7.5 J	14.93 U	1780	3955.36
WMA	10/20/07	0	N	Jud	220	352.12	1050	---	3.3 J-	---	8.8 J	14.24 U	25.1 J-	---	0.5 UJ	---	3.8	---	0.04 J	---	34.5 J	465.75	0.84 J	246.46 U	17.9	40.88 U	6.3	16.45 U	12.5	139.65 U
	10/20/07	1	N	Jud	105 J-	58.85	5920	---	6.9 R	---	0.45 J	9.85 U	149 J-	---	0.66	---	46.5	---	0.16 J	---	59.7 J-	357.91	22.7 J-	293.05 U	40.9	78.16	0.87 J	14.4 U	630	515.42

TABLE 2
Soil Sample Results - XRF and Laboratory
Phase 1 Report
Klau and Buena Vista Mines

Group I analytes on pages 1-13
Group II analytes on pages 14-26

Sample Results and Project Goals (mg/Kg)																															
Group I Analytes: Project Goals:					Mercury 0.174		Aluminum 50		Antimony 0.027		Arsenic 0.062		Barium 330		Beryllium 10		Boron 0.5		Cadmium 0.36		Chromium 0.4		Cobalt 13		Copper 28		Lead 11		Manganese 220		
Location	Date	Depth (feet)	Sample Type	Sampling Type	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF			
KLAU																															
WMD-1	10/26/07	0	N	Jud	130	65.69	15500	---	6.4 UJ	---	3.9 J	11.58 U	71.4 J-	---	0.28 J	---	19	---	1.2	---	111	274.8	20.8	317.4 U	41.2 J	42.44 U	8.7 J	13.81 U	593	710.2	
WMD-2	10/26/07	0	N	Jud	409	484.5	9750	---	6.1 UJ	---	9.1 J	24.89	58.2 J-	---	0.16 J	---	8.5	---	0.99	---	93.1	797.92	19.4	305.1 U	42.1 J	45.18	10.1 J	20.4	249	553.68	
WMD-3	10/26/07	0	N	Jud	0.1 U	12.67 U	30900	---	6.1 UJ	---	3.1 J	13.67 U	54.6 J-	---	0.44 J	---	9.4	---	1.9	---	275	1013.93	31.7	517.61 U	51.6 J	84.71	7.2 J	17.52	836	1283.71	
WMD-4	10/26/07	0	N	Jud	9.8	12.9 U	18400	---	6.1 UJ	---	5.8 J	12.78 U	68.8 J-	---	0.3 J	---	10.6	---	1.5	---	75	195.08	23.1	391.86 U	65 J	72	12 J	16.75	729	743.75	
WMD-5	10/26/07	0	N	Jud	---	12 U	---	---	---	---	---	13.65 U	---	---	---	---	---	---	---	---	---	132.09 U	---	303.17 U	---	88.29	---	32.7	---	651.23	
WP1	10/20/07	0	N	Jud	267 J-	327.36	1420	---	3.3 J-	---	8.8 J	13.95 U	20.3 J-	---	0.03 J	---	5.5	---	0.53 U	---	43.1 J-	1495.19	5 U	210.41 U	12.1	37.51 U	5.9	16.21 U	17.2	168.8 U	
	10/20/07	1	N	Jud	299 J-	223.5	1350	---	3.7 J-	---	5.9 J	11.35 U	17.8 J-	---	0.03 J	---	4.6	---	0.53 U	---	29.9 J-	853.37	5 U	168.65	7.6	33.88 U	6	14.27 U	7.2	129.33 U	
WP2	10/20/07	0	N	Jud	203 J-	174.31	1450	---	5.4 J-	---	6.8 J	13.76 U	17.2 J-	---	0.03 J	---	4.7	---	0.52 U	---	36.3 J-	751.78	5 U	234.28 U	11.5	37.76 U	8	14.06	10.1	146.18 U	
	10/20/07	0	FD	Jud	248 J-	---	1330	---	4.3 J-	---	7 J	---	14.5 J-	---	0.03 J	---	4.6	---	0.52 U	---	48.9 J-	---	5 U	---	17.8	---	10.3	---	6.5	---	
WP3	10/20/07	0	N	Jud	73.9 J-	56.21	14600	---	6.4 R	---	75.8 J	76.91	97 J-	---	0.5 J	---	11.8	---	0.61	---	97.8 J-	1765.7	62.3 J-	418.61 U	50.8	77.78	22.8	26.31	974	1121.72	
WPC	10/20/07	0	N	Jud	3.1 J	14.11 U	11600	---	6.3 UJ	---	6.3	14.84 U	81.4 J-	---	0.48 J	---	12.4	---	0.47 J	---	83.5	279.31	34	564.75 U	46.1	64.48	7.5 J	15.99 U	1330	3127.29	
WRC	10/20/07	0	N	Jud	6.3 J-	37.61	18800	---	6.7 UJ	---	9.3	15.72	67.2 J-	---	0.76	---	7.4	---	0.22 J	---	97	1164.99	32.7	410.03 U	40.4	75.71	14.5 J	18.61	905	955.44	
	10/20/07	1	N	Jud	---	16.25 U	---	---	---	---	---	16.08 U	---	---	---	---	---	---	---	---	---	362.61	---	478.42 U	---	61.27	---	19.52	---	960.87	
	10/20/07	2	N	Jud	2.9 J-	13.06 U	20300	---	6.3 UJ	---	8.2	12.63 U	71.2 J-	---	0.8	---	7.8	---	0.2 J	---	82.5	227.34	23.5	402.48 U	41.5	50.18 U	16.4 J	16.91 U	844	1090.13	
	10/20/07	3	N	Jud	---	17.62 U	---	---	---	---	---	16.12 U	---	---	---	---	---	---	---	---	---	---	182.57 U	---	429.3 U	---	63.48 U	---	22.9	---	1426.51
	10/20/07	4	N	Jud	375 J-	149.5	33400	---	11.6 UJ	---	63.5	14.03	136 J-	---	0.91 J	---	16.4	---	0.69 J	---	387	439.82	139	414.79 U	88.1	63.81	20 J	22.94	1330	1033.34	
	10/20/07	5	N	Jud	---	131.11	---	---	---	---	---	18.75	---	---	---	---	---	---	---	---	---	---	473.48	---	460.38 U	---	61.88	---	17.94 U	---	1709.5
WRP	10/19/07	0	N	Jud	152	112.8	5500	---	6.7 R	---	22.5 J	26.17	27.7 J-	---	0.09 J	---	5.1	---	0.93 J	---	670 J	5630.28	78.9	642.61 U	54.1	60.29 U	11 J-	16.91 U	171	411.43	
	10/20/07	1	N	Jud	113	86.51	1660	---	6.7 R	---	20.5 J	26.21	38.4 J-	---	0.5 UJ	---	7.9	---	0.41 J	---	151 J	3574.3	33.2	484.44 U	43.2	53.69	5.7	14.8 U	125	355.13	
WRT	10/20/07	0	N	Jud	10500 J-	12850.28	7620	---	7.3 R	---	94.8 J	173.58	110 J-	---	0.47 J	---	17	---	1.7	---	256 J-	6257.26	59.5 J-	983.8 U	52.9	104.82 U	98.1	121.87	1210	2984.11	
	10/20/07	1	N	Jud	1080 J-	269.57	8400	---	6.5 R	---	14.7 J	17.64	79.9 J-	---	0.56	---	15.4	---	0.22 J	---	47 J-	265.29	17.8 J-	423.74 U	59.9	77.68	14.1	16.11 U	712	844.45	
	10/20/07	1	FD	Jud	1310 J-	---	7830	---	6.2 R	---	10 J	---	71.8 J-	---	0.52 J	---	13.7	---	0.11 J	---	45.6 J-	---	15.3 J-	---	48.9	---	12	---	642	---	
WRW	10/23/07	0	N	Jud	257 J	384.56	1830	---	1.8 J	---	6.2	15.94 U	19.7 J-	---	0.02 J	---	6.5	---	0.51 UJ	---	37.5	1206.3	0.73 J	275.14 U	6.9	41 U	8.7 J	25.59	3	165.58 U	
KLAU - Seeps																															
WRS	10/23/07	0	N	Jud	15.7 J	22.14	4660	---	7 UJ	---	4.6	12.31 U	140 J-	---	0.56 J	---	51.4	---	0.13 J	---	56	229.41	28.2	410.39 U	35.1	59.93	7.8 J	25.2	706	840.9	
Creeks - North Fork Las Tablas Creek and Tributaries																															
LTC-145A	11/02/07	0	N	Jud	7.6	---	16600	---	7.6 R	---	6.1	---	175	---	0.57 J	---	4.7	---	3.4 J	---	42.1	---	14.9	---	32.2	---	7.7	---	703	---	
	11/02/07	1	N	Jud	0.091 J	---	9800	---	6.5 R	---	6.6	---	174	---	0.69	---	2.8	---	4.8 J	---	46.2	---	7.5	---	28.5	---	5.1	---	272	---	

TABLE 2
Soil Sample Results - XRF and Laboratory
Phase 1 Report
Klau and Buena Vista Mines

Group I analytes on pages 1-13
Group II analytes on pages 14-26

Sample Results and Project Goals (mg/Kg)																														
Group I Analytes: Project Goals:					Mercury 0.174		Aluminum 50		Antimony 0.027		Arsenic 0.062		Barium 330		Beryllium 10		Boron 0.5		Cadmium 0.36		Chromium 0.4		Cobalt 13		Copper 28		Lead 11		Manganese 220	
Location	Date	Depth (feet)	Sample Type	Sampling Type	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF	Lab	XRF		
Cypress Mountain Drive																														
CMD-040	10/13/07	0	N	Jud	---	9.72 U	---	---	---	---	---	13.72	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-080	10/13/07	0	N	Jud	---	9.13 U	---	---	---	---	---	13.88	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-120	10/13/07	0	N	Jud	---	19.3	---	---	---	---	---	14.18 U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-160	10/13/07	0	N	Jud	---	12.06 U	---	---	---	---	---	10.81 U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-200	10/13/07	0	N	Jud	---	11.73 U	---	---	---	---	---	11.39 U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-240	10/13/07	0	N	Jud	---	10.17 U	---	---	---	---	---	13.48	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-280	10/13/07	0	N	Jud	---	13.08 U	---	---	---	---	---	10.02 U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-320	10/13/07	0	N	Jud	---	10.71 U	---	---	---	---	---	13.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-360	10/13/07	0	N	Jud	---	8.74 U	---	---	---	---	---	17.64	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-400	10/13/07	0	N	Jud	---	7.99 U	---	---	---	---	---	16.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-440	10/13/07	0	N	Jud	---	22.44	---	---	---	---	---	12.44 U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-480	10/13/07	0	N	Jud	---	14.7 U	---	---	---	---	---	10.46 U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-520	10/13/07	0	N	Jud	---	13.91 U	---	---	---	---	---	11.99 U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-560	10/13/07	0	N	Jud	---	12.42 U	---	---	---	---	---	11.54 U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-600	10/13/07	0	N	Jud	---	14.15	---	---	---	---	---	14.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-640	10/13/07	0	N	Jud	---	26.72	---	---	---	---	---	23.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-680	10/13/07	0	N	Jud	---	32.6	---	---	---	---	---	23.43	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-720	10/13/07	0	N	Jud	---	14.53 U	---	---	---	---	---	13.27 U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CMD-760	10/13/07	0	N	Jud	---	10.18 U	---	---	---	---	---	19.41	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
RD4	09/25/07	0	N	Sys	---	14.5 U	---	---	---	---	---	35.05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
RD6	09/25/07	0	N	Sys	---	14.22 U	---	---	---	---	---	13.85 U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	