TABLE 2
Sediment and Soil Samples with Collocated Surface Water Results - Chemical Analysis
Phase 2 Remedial Investigation
Klau and Buena Vista Mines

Group I analytes on pages 1-5
Group II analytes on pages 6-10

					Sediment Units:	pH units	µg/Kg	NA	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
					Surface Water Units:	pH units	ng/L	ng/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Area	**Loc ID**	**Sample Date**	**Depth/ Basis**	**Matrix**	**Sample Type**	pH	Methyl Mercury	Trace Mercury	Mercury	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium
Pond																										
BLM Reservoir	BLM-001	04/23/08	1	Sed	N	7.8 J	--	--	23.8	2450 J	0.57 J	6.1	157 J-	0.32 J	11.8 J+	0.35 J-	13.2 J	12.1 J	37	6.2	103 J	72.8 J	2.3 UJ	0.65 UJ	2.2 J	17.7 J
	BLM-001	04/23/08	1	Sed	FD	8 J	3	--	29.4	2660 J	0.68 J	8.7	181 J-	0.35 J	12.2 J+	0.48 J-	15.2 J	15.2 J	40.9	5.8	154 J	90.4 J	2.2 UJ	0.63 UJ	2.1 J	21.6 J
	BLM-001	04/23/08	Surface	Sed	N	7 J	13.3	--	16	4700 J	0.78 J	10 J-	147 J	0.46 J	18.2 J+	0.61 J-	31.1 J	13.9 J	35.4 J	0.82 UJ	1090 J	234 J-	3 UJ	0.85 UJ	1.7 J	29.1 J
	BLM-001	04/28/08	Total	SW	N	--	--	--	0.26	200 UJ	60 U	10 U	200 UJ	5 U	108	5 U	10 U	50 U	25 U	10 U	58.4	4.6 J	35 U	10 U	25 U	50 UJ
	BLM-001	04/28/08	Filtered	SW	N	--	2.1	6.51	0.2 UJ	200 U	60 U	10 U	65.6 J	5 U	114	5 U	10 U	50 U	25 U	10 U	47.3	3.3 J	35 U	10 U	25 U	50 U
	BLM-002	04/23/08	1	Sed	N	7.3 J	1.38	--	0.45	11100 J	0.61 J	8	160 J-	0.49 J	19.7 J+	1.1 J-	66.8 J	20.8 J	39.8	4.5	490 J	167 J	1.7 J	0.73 UJ	1.8 UJ	46.8 J
	BLM-002	04/23/08	1	Sed	FD	7.4 J	1.42	--	0.62	8260 J	0.95 J	8.8	157 J-	0.44 J	20.2 J+	1.2 J-	62.3 J	22.5 J	41.1	3.6	575 J	192 J	2.6 UJ	0.74 UJ	1 J	45.8 J
	BLM-002	04/23/08	Surface	Sed	N	7.4 J	3.648	--	0.081 J	10400 J	0.8 J	7	178 J-	0.46 J	23.2 J+	1 J-	66.8 J	18.2 J	34.9	6	595 J	143 J	3 UJ	0.86 UJ	2.1 UJ	46.9 J
	BLM-002	04/28/08	Total	SW	N	7.87	--	--	0.2 UJ	700	60 U	10 U	84.6 J	5 U	120	5 U	2.9 J	50 UJ	3 J	10 U	121	10.6 J	35 U	10 U	25 U	2.8 J
	BLM-002	04/28/08	Filtered	SW	N	--	1.18	4.6	0.2 UJ	200 U	60 U	10 U	70.5 J	5 U	114	5 U	10 U	50 U	25 U	10 U	49.9	3.5 J	35 U	10 U	25 U	50 U
	BLM-003	04/23/08	1	Sed	N	7.6 J	3.72	--	0.32	22200 J	3.9 UJ	6	78.2 J-	0.34 J	7.1 J+	1.2 J-	155 J	20.6 J	35.1	4.5	599 J	219 J	1.1 J	0.65 UJ	1.6 UJ	48.2 J
	BLM-003	04/23/08	Surface	Sed	N	8 J	0.723	--	0.1	21600 J	3.7 UJ	7.1	73.4 J-	0.36 J	6.7 J+	1.2 J-	104 J	19.1 J	35.3	4.8	628 J	183 J	0.88 J	0.62 UJ	0.64 J	52.2 J
	BLM-003	04/28/08	Total	SW	N	8.06	--	--	0.2 UJ	284	60 U	10 U	71.3 J	5 U	115	5 U	1.1 J	50 U	1.8 J	10 U	27.5	6.6 J	35 U	10 U	25 U	1.3 J
	BLM-003	04/28/08	Filtered	SW	N	--	1.21	3.64	0.2 UJ	200 U	60 U	10 U	65.7 J	5 U	112	5 U	10 U	50 U	25 U	10 U	1.9 J	3.6 J	35 U	10 U	25 U	50 U
Ponds																										
BV Upper Containment Pond	UCP	04/28/08	Surface	Sed	N	8.4	0.058	--	1.2	2970 J	2.6 J-	3.8 J-	21.5 J	0.21 J-	37 J	5.5 J-	13.6 J	11.3 J-	15.2 J	0.86 UJ	762 J	118 J-	3.9 J	1 U	8.6 J-	19.1 J-
	UCP	04/28/08	Total	SW	N	--	--	--	0.2 U	200 UJ	60 U	10 U	200 UJ	5 U	428	5 U	10 U	50 U	25 U	10 U	15 UJ	40 U	35 U	10 U	16.8 J	0.44
	UCP	04/28/08	Total	SW	FD	8.07	--	--	0.2 U	200 U	60 U	10 U	200 UJ	5 U	433	5 U	10 U	50 U	25 U	10 U	15 UJ	1.9 J	35 U	10 U	17.3 J	50 UJ
	UCP	04/28/08	Filtered	SW	N	--	0.011 J	5.32	0.2 UJ	200 U	60 U	10 U	14.3 J	5 U	457	5 U	10 U	50 U	1.3 J	10 U	15 U	40 U	35 U	10 U	17.7 J	50 U
	UCP	04/28/08	Filtered	SW	FD	--	0.031 U	4.99	0.2 U	200 U	60 U	10 U	14.3 J	5 U	442	5 U	10 U	50 U	25 U	10 U	15 U	40 U	35 U	10 U	19.3 J	50 UJ
BV Lower Containment Pond	LCP-1w	04/28/08	Surface	Sed	N	7.2	3.59	--	9.2	4980 J	1.8 J-	20.7 J-	68.3 J	0.39 J-	19.4 J	3.2 J-	39.6 J	14.6 J-	43.2 J	0.81 UJ	568 J	169 J-	2.9 J	1 U	9.7 J-	55.9 J-
	LCP-1w	04/28/08	Total	SW	N	8.4	--	--	0.2 UJ	200 U	60 U	10 U	15.5 J	5 U	157	5 U	10 U	50 U	25 U	10 U	18.9	12.7 J	35 U	10 U	25 U	50 U
	LCP-1w	04/28/08	Filtered	SW	N	--	0.875	9.65	0.2 U	200 U	60 U	10 U	200 UJ	5 U	147	5 U	10 U	50 U	25 U	10 U	15 UJ	12 J	35 U	10 U	25 U	0.5
Klau Pond	KPD-1w	04/24/08	Surface	Sed	N	7 J	21.8	--	4.4 J-	17700	5.7 UJ	4.3	95.8 J-	0.33 J	12.2	0.87 J	90.1 J	18.8	45.2	5.2	490	138	1.2 J-	0.95 UJ	2.5 U	45.4
	KPD-1w	04/28/08	Total	SW	N	7.8	--	--	0.091 J	294	60 U	10 U	38.2 J	5 U	56.2	5 U	1.2 J	50 U	1.8 J	10 U	65.7	8.9 J	35 U	10 U	25 U	0.87 J
	KPD-1w	04/28/08	Filtered	SW	N	--	10.8	20.2	0.2 UJ	200 U	60 U	10 U	33.9 J	5 U	52.1	5 U	10 U	50 U	25 U	10 U	39.9	7.4 J	35 U	10 U	25 U	50 U
	KPD-2w	04/24/08	Surface	Sed	N	7.4 J	14.2	--	1.7 J+	2180	0.91 J	5.3	57.5 J-	0.4	11.8	1.3 J	35.1 J	23.5	51.7	1 U	837	197	2.4 UJ	0.69 UJ	2.5 U	55.5
	KPD-2w	04/28/08	Total	SW	N	7.66	--	--	0.2 UJ	77 J	60 U	10 U	34 J	5 U	54.6	5 U	10 U	50 U	25 U	10 U	20.8	8.1 J	35 U	10 U	25 U	50 U
	KPD-2w	04/28/08	Filtered	SW	N	--	3.64	11.5	0.2 UJ	200 U	6.7	10 U	32 J	5 U	50.6	5 U	10 U	50 U	25 U	10 U	15 UJ	6.1 J	35 U	10 U	25 U	50 U
	KPD-3w	04/24/08	Surface	Sed	N	8.1 J	4.89	--	3.4 J-	1890	0.75 J	4.3	42 J-	0.38	6.9	0.86 J	39.7 J	18.5	40.8	0.97	728	192	2.4 UJ	0.68 UJ	2.5 U	39.5
	KPD-3w	04/28/08	Total	SW	N	7.58	--	--	0.2 UJ	70.6 J	60 U	10 U	35.2 J	5 U	54.2	5 U	10 U	50 U	25 U	10 U	63.9	9.8 J	35 U	10 U	25 U	50 U
	KPD-3w	04/28/08	Filtered	SW	N	--	6.28	16.9	0.2 UJ	200 U	7.9	10 U	34.7 J	5 U	52.6	5 U	10 U	50 U	25 U	10 U	50.4	8.5 J	35 U	10 U	25 U	50 U
West Klau Pond	WKP-1w	04/24/08	Surface	Sed	N	7.9 J	0.674	--	4.5 J-	8410	0.65 J	41.5	161 J-	0.57	8.3	1.2 J	91.3 J	39.9	90	6.7	2200	462	2.3 UJ	0.66 UJ	1.2 J	47.4
	WKP-1w	04/28/08	Total	SW	N	--	--	--	0.2 U	200 UJ	60 U	10 U	200 UJ	5 U	64.7	5 U	10 U	50 U	25 U	10 U	39.6	12.9 J	35 U	10 U	25 U	50 UJ
	WKP-1w	04/28/08	Total	SW	FD	7.56	--	--	0.2 U	200 UJ	60 U	10 U	200 UJ	5 U	65.5	5 U	0.54 J	50 U	25 U	10 U	39.7	11.6 J	35 U	10 U	25 U	50 UJ
	WKP-1w	04/28/08	Filtered	SW	N	--	1.42	24.1	0.2 U	200 U	60 U	10 U	200 UJ	5 U	65.1	5 U	0.59 J	50 U	25 U	10 U	15 UJ	9.1 J	35 U	10 U	25 U	50 UJ
	WKP-1w	04/28/08	Filtered	SW	FD	--	1.29	24.1	0.2 U	200 UJ	60 U	10 U	200 UJ	5 U	68.3	5 U	0.6 J	50 U	25 U	10 U	22	10.3 J	35 U	10 U	25 U	50 UJ

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					Sediment Units:	pH units	µg/Kg	NA	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
					Surface Water Units:	pH units	ng/L	ng/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Area	**Loc ID**	**Sample Date**	**Depth/ Basis**	**Matrix**	**Sample Type**	pH	Methyl Mercury	Trace Mercury	Mercury	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium
Ponds																										
Streams/Creeks																										
Las Tablas Creek	LTC-090w	04/23/08	1	Sed	N	8.8 J	0.091	--	0.53	14400 J	1.6 J	3	87.7 J-	0.52 J	7 J+	1.5 J-	65.8 J	15.7 J	26.6	1 U	574 J	143 J	2.1 UJ	0.61 UJ	1.5 UJ	60.3 J
	LTC-090w	04/23/08	Surface	Sed	N	8.5 J	0.193	--	0.68	15600 J	1.9 J	2.9	62.9 J-	0.5 J	7 J+	0.77 J-	71.1 J	16.8 J	29.3	1.2	608 J	170 J	2.2 UJ	0.62 UJ	1.5 UJ	53.5 J
	LTC-090w	04/23/08	Total	SW	N	8.2	--	--	0.2 U	200 U	60 U	10 U	72.9 J	5 U	147	5 U	10 U	50 U	25 U	10 U	3 J	3.3 J	35 U	10 U	25 U	1.2 J
	LTC-090w	04/23/08	Filtered	SW	N	--	0.112	5.38	0.2 U	200 U	60 U	10 U	71.9 J	5 U	146	5 U	10 U	50 U	25 U	10 U	2.7 J	3.6 J	35 U	10 U	25 U	1.4 J
	LTC-100w	04/23/08	1	Sed	N	8.2 J	1.33	--	0.7	10000 J	0.98 J	4.6	145 J-	0.41 J	5.7 J+	1.8 J-	37.5 J	11.5 J	23.1	1 U	404 J	79.5 J	0.78 J	0.16 J-	1.1 J	51.9 J
	LTC-100w	04/23/08	Surface	Sed	N	7.7 J	1.39	--	1.8	11500 J	1.6 J	5.2	134 J-	0.48 J	7.8 J+	2.1 J-	59 J	13.4 J	25.8	2.5	523 J	77.6 J	2.9 UJ	0.83 UJ	1.5 J	59.8 J
	LTC-100w	04/23/08	Total	SW	N	8.14	--	--	0.1 J	200 U	60 U	10 U	50.9 J	5 U	66.4	5 U	10 U	50 U	25 U	10 U	4.9 J	4.1 J	35 U	10 U	25 U	2.8 J
	LTC-100w	04/23/08	Filtered	SW	N	--	0.133	6.19	0.2 U	200 U	60 U	10 U	49.5 J	5 U	62.1	5 U	10 U	50 U	25 U	10 U	4.4 J	4.6 J	35 U	10 U	25 U	2.4 J
	LTC-120w	04/23/08	1	Sed	N	7.8 J	0.03 U	--	0.044 J	15800 J	2.3 J	5.4	41.8 J-	0.63 J	12.6 J+	0.4 J-	24.7 J	12.8 J	42.7	6.2	527 J	36.3 J	0.92 J	0.59 UJ	1.5 UJ	35.8 J
	LTC-120w	04/23/08	Surface	Sed	N	8.3 J	0.196	--	0.096 J	18400 J	2.9 J	6.3	145 J-	0.69 J	15.4 J+	0.61 J-	50.8 J	17 J	48.6	4.6	579 J	79.3 J	0.59 J	0.57 UJ	1.4 UJ	45.9 J
	LTC-120w	04/23/08	Total	SW	N	--	--	--	0.2 U	200 U	60 U	10 U	51.8 J	5 U	64.1	5 U	10 U	50 U	25 U	10 U	9.3 J	5.6 J	35 U	10 U	25 U	2.4 J
	LTC-120w	04/23/08	Filtered	SW	N	--	0.169	6.35	0.2 U	200 U	60 U	10 U	53 J	5 U	66	5 U	10 U	50 U	25 U	10 U	10.4 J	5.4 J	35 U	10 U	25 U	2.8 J
	LTC-130w	04/24/08	Surface	Sed	N	7.5 J	7.75	--	6.8 J-	13500	0.82 J	15.5	127 J-	0.47	9	2.3 J	65.4 J	13.6	31.6	1.6	423	106	1.3 J-	0.2 J-	3.1	61
	LTC-130w	04/28/08	Total	SW	N	8.22	--	--	0.2 UJ	200 U	60 U	10 U	58.4 J	5 U	56.6	5 U	10 U	50 U	25 U	10 U	39.2	6.5 J	35 U	10 U	25 U	2.4 J
	LTC-130w	04/28/08	Filtered	SW	N	--	0.251	2.56	0.2 UJ	200 U	60 U	10 U	57.8 J	5 U	58.1	5 U	10 U	50 U	25 U	10 U	30.4	5.5 J	35 U	10 U	25 U	2.3 J
	LTC-135	04/02/08	Total	SW	N	9.5	--	--	0.2 U	200	60 U	10 U	200	5 U	56.8	5 U	10 U	50 U	25 U	10 U	71.4	6.3	35 U	10 U	25 U	3.7
	LTC-138w	04/29/08	1	Sed	N	8.1	0.01 U	--	0.24	7150 J	0.45 J-	5.8 J-	88.1 J	0.46 J-	8.4 J	1.2 J-	68.5 J	26.3 J-	39.8 J	0.89 J-	762 J	158 J-	0.88 J	1 U	0.73 J-	51.7 J-
	LTC-138w	04/29/08	Surface	Sed	N	7.7	12.1	--	1.2	9480 J	0.52 J-	5.3 J-	173 J	0.56 J-	6.1 J	4.6 J-	48.8 J	9 J-	25.3 J	4.5 J-	460 J	74.7 J-	0.77 J	0.26	1.7 J-	86.9 J-
	LTC-138w	04/29/08	Total	SW	N	8.07	--	--	0.2 U	200 U	60 U	10 U	58.6 J	5 U	44.7	5 U	10 U	50 U	25 U	10 U	7.2 J	4.3 J	35 U	10 U	25 U	3.1 J
	LTC-138w	04/29/08	Filtered	SW	N	--	0.203	2	0.2 U	200 U	60 U	10 U	57.9 J	5 U	44.1	5 U	10 U	50 U	25 U	10 U	7.1 J	5 J	35 U	10 U	25 U	2.8 J
	LTC-140w	04/24/08	Surface	Sed	N	7.5 J	7.42	--	5.4 J-	9510	0.89 J	6.3	157 J-	0.5	9.7	2.5 J	41.9 J	13.1	26.9	5.1	464	84.7	3 UJ	0.86 UJ	2.6	59.8
	LTC-140w	04/28/08	Total	SW	N	8.13	--	--	0.6 J	907	60 U	10 U	82.5 J	5 U	44.9	5 U	2.9 J	50 UJ	3.8 J	10 U	69.1	14 J	35 U	10 U	25 U	10.4 J
	LTC-140w	04/28/08	Filtered	SW	N	--	0.316	3.7	0.2 UJ	44.6 J	60 U	10 U	64.8 J	5 U	39.8	5 U	10 U	50 U	25 U	10 U	16.8	6.4 J	35 U	10 U	25 U	4.2 J
	LTC-145w	04/24/08	Surface	Sed	N	7.4 J	2.57	--	11.1 J-	8940	1.2 J	8.5	405 J-	0.63	9.9	5.2 J	46.1 J	9.5	32.9	2.8	207	74.5	1.8 J-	0.92 UJ	2.6	85.9
	LTC-145w	04/28/08	Total	SW	N	7.73	--	--	0.2 UJ	200 U	60 U	10 U	64.8 J	5 U	44.3	5 U	10 U	50 U	1.4 J	10 U	15 UJ	6.7 J	35 U	10 U	25 U	3.8 J
	LTC-145w	04/28/08	Filtered	SW	N	--	0.182	2.21	0.2 UJ	200 U	60 U	10 U	64.8 J	5 U	43	5 U	10 U	50 U	25 U	10 U	15 UJ	6.8 J	35 U	10 U	25 U	3.5 J
	LTC-150d	04/02/08	Total	SW	N	7.18	--	--	0.2 U	200	60 U	10 U	200	5 U	40.4	5 U	10 U	50 U	25 U	10 U	17.8	6.4	35 U	10 U	25 U	4.9
	LTC-150w	04/23/08	Surface	Sed	N	7.7 J	2.47	--	0.16	9730 J	0.82 J	3.5	197 J-	0.51 J	6.4 J+	3.6 J-	35.9 J	7.4 J	31.2	2.2	332 J	43.9 J	2.8 UJ	0.07 J-	2 UJ	59.1 J
	LTC-150w	04/23/08	Total	SW	N	8.09	--	--	0.2 U	200 U	60 U	10 U	67.8 J	5 U	37.4	5 U	10 U	50 U	25 U	10 U	11.5 J	6 J	35 U	10 U	25 U	3.5 J
	LTC-150w	04/23/08	Filtered	SW	N	--	0.141	0.58	0.2 U	200 U	60 U	10 U	66.2 J	5 U	38.7	5 U	10 U	50 U	25 U	10 U	10.7 J	6.2 J	35 U	10 U	25 U	3.4 J
Klau Branch Creek	KBC-110w	04/22/08	Surface	Sed	N	8.27	0.142	--	6.2 J-	10800	1.7 J	6.6	69.7 J-	0.49	10.1	1.5 J	78.4 J	30.4	41.7	2.2	1180	337	1.4 J-	0.66 UJ	0.89 J	59.6
	KBC-110w	04/23/08	Total	SW	N	6.47	--	--	0.26	200 U	60 U	10 U	66.8 J	5 U	310	5 U	10 U	50 U	25 U	10 U	1 J	17.4 J	35 U	10 U	25 U	50 U
	KBC-110w	04/23/08	Filtered	SW	N	--	0.03 J	31.4	0.2 U	200 U	60 U	10 U	64.9 J	5 U	296	5 U	10 U	50 U	25 U	10 U	15 U	16.7 J	35 U	10 U	25 U	50 U
	KBC-120w	04/22/08	Surface	Sed	N	8.2	0.067	--	2.9 J-	10900	1.8 J	6.9	74.3 J-	0.48	8.6	1.5 J	72.1 J	27.2	37.4	2.3	863	266	1.1 J-	0.64 UJ	2.5 U	60.7
	KBC-120w	04/23/08	Total	SW	N	7.38	--	--	0.2 U	200 U	60 U	10 U	67.1 J	5 U	295	5 U	10 U	50 U	25 U	10 U	1.4 J	17.7 J	35 U	10 U	25 U	50 U
	KBC-120w	04/23/08	Filtered	SW	N	--	0.063	35.9	0.2 U	200 U	60 U	10 U	67 J	5 U	296	5 U	10 U	50 U	25 U	10 U	0.92 J	17.6 J	35 U	10 U	25 U	50 U

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Sediment and Soil Samples with Collocated Surface Water Results - Chemical Analysis
Phase 2 Remedial Investigation
Klau and Buena Vista Mines

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Group II analytes on pages 6-10

Area	Loc ID	Sample Date	Depth/ Basis	Matrix	Sample Type	pH	Methyl Mercury	Trace Mercury	Mercury	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium
					Sediment Units:	pH units	µg/Kg	NA	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
					Surface Water Units:	pH units	ng/L	ng/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Streams/Creeks																										
Klau Branch Creek	KBC-125w	04/22/08	1	Sed	N	8.2	0.09	--	55.5 J-	10400	1.7 J	5.6	60.1 J-	0.43	8.3	1.3 J	54.9 J	20.6	34	2	779	208	1 J-	0.61 UJ	1 J	57.6
	KBC-125w	04/22/08	Surface	Sed	N	8.5	0.072	--	2.8 J-	11900	2 J	4.9	61 J-	0.54	8.6	1.2 J	54.3 J	25.1	37	1.3	887	242	0.86 J-	0.65 UJ	0.7 J	64.1
	KBC-125w	04/22/08	Surface	Sed	FD	8.1	0.131	--	1.2 J-	11500	1.4 J	5.4	63.1 J-	0.5	9.9	1.7 J	57.2 J	26.2	38.6	0.79	935	271	0.88 J-	0.64 UJ	0.89 J	68
	KBC-125w	04/23/08	Total	SW	N	7.81	--	--	0.2 U	200 U	60 U	10 U	71 J	5 U	306	5 U	10 U	50 U	25 U	10 U	6.1 J	20.5 J	35 U	10 U	25 U	50 U
	KBC-125w	04/23/08	Filtered	SW	N	--	0.069	46.6	0.2 U	200 U	60 U	10 U	70.5 J	5 U	299	5 U	10 U	50 U	25 U	10 U	5.2 J	21.1 J	35 U	10 U	25 U	50 U
	KBC-130s	04/02/08	Total	SW	N	8.62	--	--	0.2 U	49.2	60 U	10 U	50.7	5 U	254	5 U	10 U	2.1	25 U	10 U	105	48.8	35 U	10 U	25 U	0.64
	KBC-130w	04/24/08	Surface	Sed	N	7.7 J	0.946	--	2.4 J-	10500	1.6 J	9.1	112 J-	0.49	18.3	2.1 J	112 J	35.1	50	1.4	1190	383	1.8 J-	0.77 UJ	1.7 J	64.5
	KBC-130w	04/24/08	Total	SW	N	8.02	--	--	0.1	200 U	60 U	10 U	65.5 J	5 U	338	5 U	10 U	50 U	25 U	10 U	15.8	32 J	35 U	10 U	25 U	50 U
	KBC-130w	04/24/08	Filtered	SW	N	--	0.055	35.4	0.2 U	200 U	60 U	10 U	62.9 J	5 U	322	5 U	10 U	50 U	25 U	10 U	14.3 J	31.2 J	35 U	10 U	25 U	50 U
	KBC-135w	04/22/08	1	Sed	N	8.5	0.078	--	27.7 J-	8450	1 J	12	64.9 J-	0.44	10.1	2.2 J	63 J	25.8	39.4	1.9	1020	291	1.8 J-	0.64 UJ	1.5 J	64.7
	KBC-135w	04/22/08	Surface	Sed	N	8.5	0.074	--	1.7 J-	10200	1.2 J	5.4	64.6 J-	0.43	9.1	1.7 J	59.3 J	29.9	38.5	1.9	967	312	1.6 J-	0.56 UJ	2.5 U	55.6
	KBC-135w	04/23/08	Total	SW	N	--	--	--	0.2 U	200 U	60 U	10 U	66.8 J	5 U	335	5 U	10 U	50 U	25 U	10 U	27.8	67.9	35 U	10 U	25 U	50 U
	KBC-135w	04/23/08	Total	SW	FD	8.23	--	--	0.2 U	200 U	60 U	10 U	67.4 J	5 U	337	5 U	10 U	50 U	25 U	10 U	29	38.6 J	35 U	10 U	25 U	50 U
	KBC-135w	04/23/08	Filtered	SW	N	--	0.064	29	0.2 U	200 U	60 U	10 U	64.8 J	5 U	326	5 U	10 U	50 U	25 U	10 U	22.9	36.7 J	35 U	10 U	25 U	50 U
	KBC-135w	04/23/08	Filtered	SW	FD	--	0.071	42.1	0.2 U	200 U	60 U	10 U	66.5 J	5 U	335	5 U	10 U	0.75 J	25 U	10 U	23.6	37.6 J	35 U	10 U	25 U	50 U
	KBC-140w	04/22/08	Surface	Sed	N	8.4	0.016 J	--	1.9 J-	8320	0.92 J	9.6	67.3 J-	0.44	10.6	2 J	62.7 J	30.1	45.7	2.4	933	310	1.6 J-	0.66 UJ	0.86 J	59.6
	KBC-140w	04/23/08	Total	SW	N	8.03	--	--	0.2 U	200 U	60 U	10 U	64.6 J	5 U	330	5 U	10 U	50 U	25 U	10 U	42.8	42.3	35 U	10 U	25 U	50 U
	KBC-140w	04/23/08	Filtered	SW	N	--	0.058	31.8	0.2 U	200 U	60 U	10 U	65.9 J	5 U	343	5 U	10 U	50 U	25 U	10 U	43.6	43.4	35 U	10 U	25 U	50 U
	KBC-150s	04/02/08	Total	SW	N	9.33	--	--	0.22	201	60 U	10 U	46.1	5 U	305	5 U	10 U	6.4	1.3	10 U	362	128	35 U	10 U	25 U	0.97
	KBC-150w	04/24/08	Surface	Sed	N	8 J	0.139	--	2.4	3940	1.4 J	7.5	56.1 J-	0.42	11.9	2.2 J	59.1 J	32.2	45	0.8	1150	340	1.9 J-	0.72 UJ	1.3 J	59.3
	KBC-150w	04/24/08	Total	SW	N	8.09	--	--	0.2 U	200 U	60 U	10 U	61.4 J	5 U	481	5 U	10 U	5.5 J	25 U	10 U	407	155	35 U	10 U	25 U	50 U
	KBC-150w	04/24/08	Filtered	SW	N	--	0.072	9.52	0.2 U	200 U	60 U	10 U	60.4 J	5 U	481	5 U	10 U	5.1 J	25 U	10 U	398	152	35 U	10 U	25 U	50 U
	KBC-160w	04/22/08	Surface	Sed	N	8.4	0.126	--	5.5 J-	2660	0.91 J	4.4	49.4 J-	0.37	9.2	2 J	48.2 J	26.1	38	1 U	1060	291	1.3 J-	0.64 UJ	1.3 J	61.6
	KBC-160w	04/23/08	Total	SW	N	7.46	--	--	0.2 U	200 U	60 U	10 U	49.5 J	5 U	509	5 U	10 U	18.6 J	25 U	10 U	1120	326	35 U	10 U	25 U	50 U
	KBC-160w	04/23/08	Filtered	SW	N	--	0.104	4.51	0.2 U	200 U	60 U	10 U	44.8 J	5 U	509	5 U	10 U	17.9 J	25 U	10 U	1100	311	35 U	10 U	25 U	50 U
	KBC-170w	04/24/08	Total	SW	N	--	--	--	0.19	80.5 J	60 U	10 U	57.2 J	5 U	578	5 U	10 U	20.9 J	25 U	10 U	1230	326	35 U	10 U	25 U	50 U
	KBC-170w	04/24/08	Total	SW	FD	7.56	--	--	0.14	101 J	60 U	10 U	57.3 J	5 U	574	5 U	10 U	20.9 J	25 U	10 U	1220	323	35 U	10 U	25 U	50 U
	KBC-170w	04/24/08	Filtered	SW	N	--	0.094	7.64	0.2 U	200 U	60 U	10 U	54.5 J	5 U	580	5 U	10 U	20.7 J	25 U	10 U	1230	321	35 U	10 U	25 U	50 U
	KBC-170w	04/24/08	Filtered	SW	FD	--	0.152	8.65	0.2 U	200 U	60 U	10 U	53 J	5 U	573	5 U	10 U	20.3 J	25 U	10 U	1220	315	35 U	10 U	25 U	50 U
	KBC-170w	04/26/08	Surface	Sed	N	8 J	0.087	--	22	3110	0.93 J-	6 J	58 J-	0.4 J-	10.7	2.4 J	54	33.9 J-	49.5	1 U	1340	380 J-	2.1 J-	0.63 UJ	1.4 J-	60.8 J
	KBC-180w	04/22/08	Surface	Sed	N	7.9	0.124	--	4.4	3580 J	1.1 J-	5.7 J-	72.1 J	0.38 J-	10.5 J	2.3 J-	59.2 J	34.7 J-	43.3 J	0.66 UJ-	1340 J	398 J-	1.2 J	1 U	1.5 J-	61.1 J-
	KBC-180w	04/23/08	Total	SW	N	6.49	--	--	0.19 J	58.2 J	60 U	10 U	44.8 J	5 U	553	5 U	10 U	18.6 J	25 U	10 U	1010	247	35 U	10 U	25 U	50 U
	KBC-180w	04/23/08	Filtered	SW	N	--	0.107	31.8	0.2 U	200 U	60 U	10 U	45 J	5 U	562	5 U	10 U	20.1 J	25 U	10 U	1090	259	35 U	10 U	25 U	50 U
	KBC-185	04/03/08	Total	SW	N	9.45	--	--	0.2 U	78.7 J	60 U	10 U	51.7 J	5 U	154	5 U	10 U	0.93 J	25 U	10 U	10.7 J	4.8 J	35 U	10 U	25 U	50 UJ
	KBC-190w	04/24/08	Surface	Sed	N	8.1 J	0.129	--	1.7 J+	3230	1.1 J	5.1	58.4 J-	0.38	10	2.3 J	47.8 J	37.3	36.5	1 U	1380	361	1.6 J-	0.64 UJ	1.4 J	48.9
	KBC-190w	04/24/08	Total	SW	N	7.96	--	--	0.2 U	51.4 J	60 U	10 U	62.7 J	5 U	219	5 U	10 U	50 U	25 U	10 U	5 J	3.4 J	35 U	10 U	25 U	50 U
	KBC-190w	04/24/08	Filtered	SW	N	--	0.145	10.8	0.2 U	200 U	60 U	10 U	61.3 J	5 U	217	5 U	10 U	50 U	25 U	10 U	1.7 J	2.8 J	35 U	10 U	25 U	50 U

TABLE 2
Sediment and Soil Samples with Collocated Surface Water Results - Chemical Analysis
Phase 2 Remedial Investigation
Klau and Buena Vista Mines

Group I analytes on pages 1-5
Group II analytes on pages 6-10

					Sediment Units:	pH units	µg/Kg	NA	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
					Surface Water Units:	pH units	ng/L	ng/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Area	**Loc ID**	**Sample Date**	**Depth/ Basis**	**Matrix**	**Sample Type**	pH	Methyl Mercury	Trace Mercury	Mercury	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium
Streams/Creeks																										
Klau Branch Creek	KBC-195	04/03/08	Total	SW	N	8.06	--	--	0.1 J	135 J	60 U	10 U	56.1 J	5 U	115	5 U	10 U	50 U	25 U	10 U	15.1	4.8 J	35 U	10 U	25 U	50 UJ
	KBC-200s	04/03/08	Total	SW	N	6.92	--	--	0.2 U	200	60 U	10 U	200	5 U	171	5 U	0.41	50 U	25 U	10 U	31	2.1	35 U	10 U	25 U	0.97
	KBC-200s	04/03/08	Total	SW	FD	--	--	--	0.2 U	200	60 U	10 U	200	5 U	174	5 U	10 U	50 U	25 U	10 U	27.1	1.5	35 U	10 U	25 U	0.75
	KBC-200w	04/24/08	Total	SW	N	7.99	--	--	0.1	200 U	60 U	10 U	103 J	5 U	142	5 U	10 U	50 U	25 U	10 U	68.6	2.5 J	35 U	10 U	25 U	50 U
	KBC-200w	04/24/08	Filtered	SW	N	--	0.257	2.03	0.2 U	200 U	60 U	10 U	105 J	5 U	142	5 U	10 U	50 U	25 U	10 U	58.3	2.8 J	35 U	10 U	25 U	50 U
	KBC-200w	04/25/08	Surface	Sed	N	8.1 J	0.108	--	0.091 J	8890	0.52 J-	6.4 J	136 J-	0.37 J-	10.1	1.3 J	56.6	19.9 J-	28.4	2.1	804	152 J-	1 J-	0.61 UJ	1.5 UJ	50 J
	KBC-210w	04/23/08	Surface	Sed	N	8.2 J	0.075	--	0.095 J	9930 J	1.3 J	7.3	116 J-	0.41 J	15.7 J+	1.3 J-	64.9 J	20.6 J	34.9	1.8	764 J	182 J	1 J	0.69 UJ	1.7 UJ	51.7 J
	KBC-210w	04/24/08	Total	SW	N	8.25	--	--	0.2 U	200 U	60 U	10 U	98.4 J	5 U	242	5 U	10 U	50 U	25 U	10 U	15 U	40 U	35 U	10 U	25 U	0.45
	KBC-210w	04/24/08	Filtered	SW	N	--	0.014 J	2.07	0.13	200 U	60 U	10 U	98.1 J	5 U	241	5 U	10 U	50 U	25 U	10 U	15 U	40 U	35 U	10 U	25 U	0.47
	KBC-220w	04/23/08	Surface	Sed	N	7.9 J	0.262	--	0.18	9570 J	0.73 J	7	145 J-	0.39 J	12.1 J+	1.5 J-	67.5 J	19.9 J	30.6	2.8	808 J	176 J	1.3 J	0.6 UJ	1.5 UJ	49.8 J
	KBC-220w	04/24/08	Total	SW	N	7.2	--	--	0.2 U	200 U	60 U	10 U	87.5 J	5 U	215	5 U	10 U	50 U	25 U	10 U	0.68 J	2 J	35 U	10 U	25 U	0.76 J
	KBC-220w	04/24/08	Filtered	SW	N	--	0.023 J	2.02	0.12	200 U	60 U	10 U	85.3 J	5 U	212	5 U	10 U	50 U	25 U	10 U	0.41 J	40 U	35 U	10 U	25 U	0.39
Santa Cruz Mill Site Drainage	SCM-145d	04/02/08	Total	SW	N	8.89	--	--	0.2 U	200	60 U	10 U	200	5 U	158	5 U	0.52	50 U	25 U	10 U	15	40 U	35 U	10 U	25 U	1.1
	SCM-145w	04/23/08	Surface	Sed	N	8 J	0.127	--	0.13	20000 J	1.8 J	2.9	86.8 J-	0.6 J	6.5 J+	0.87 J-	113 J	18.3 J	33.4	2.5	635 J	136 J	0.67 J	0.61 UJ	1.5 UJ	62.5 J
	SCM-145w	04/24/08	Total	SW	N	7.66	--	--	0.2 U	200 U	60 U	10 U	76.2 J	5 U	190	5 U	10 U	50 U	25 U	10 U	0.92 J	2.7 J	35 U	10 U	25 U	50 U
	SCM-145w	04/24/08	Filtered	SW	N	--	0.036	9.05	0.2 U	200 U	60 U	10 U	73.6 J	5 U	185	5 U	10 U	50 U	25 U	10 U	0.97 J	3.6 J	35 U	10 U	25 U	50 U
South Fork Las Tablas Creek	SLT-080w	04/23/08	Surface	Sed	N	8.1 J	0.026 J	--	0.21	17600 J	1.9 J	11.5	145 J-	0.63 J	7.1 J+	0.86 J-	81.7 J	16.4 J	29.8	5.3	592 J	123 J	2.1 UJ	0.61 UJ	1.5 UJ	62.1 J
	SLT-080w	04/23/08	Surface	Sed	FD	8.4 J	0.011 J	--	1.1	16600 J	1.8 J	2.4	149 J-	0.59 J	13.6 J+	0.78 J-	93.4 J	16.8 J	29.5	4.1	590 J	113 J	2.1 UJ	0.59 UJ	1.5 UJ	61.7 J
	SLT-080w	04/24/08	Total	SW	N	8.16	--	--	0.2 U	200 U	60 U	10 U	88.7 J	5 U	165	5 U	10 U	50 U	25 U	10 U	1 J	2.2 J	35 U	10 U	25 U	50 U
	SLT-080w	04/24/08	Filtered	SW	N	--	0.019 J	1.02	0.2 U	200 U	60 U	10 U	88.6 J	5 U	165	5 U	10 U	50 U	25 U	10 U	1.1 J	2 J	35 U	10 U	25 U	50 U
	SLT-090w	04/25/08	Surface	Sed	N	8 J	0.208	--	2.5	16300	1.7 J-	4.1 J	107 J-	0.58 J-	5.4	0.68 J	85.7	16.5 J-	27.8	3.9	554	133 J-	2.1 UJ	0.6 UJ	1.5 UJ	57.1 J
	SLT-090w	04/29/08	Total	SW	N	7.29	--	--	0.2 U	200 U	60 U	10 U	200 UJ	5 U	186	5 U	10 U	50 U	25 U	10 U	15 UJ	40 U	35 U	10 U	25 U	50 UJ
	SLT-090w	04/29/08	Filtered	SW	N	--	0.067	1.4	0.2 U	200 U	60 U	10 U	95.4 J	5 U	184	5 U	10 U	50 U	25 U	10 U	3.4 J	40 U	35 U	10 U	25 U	50 U
	SLT-110w	04/25/08	Surface	Sed	N	8.4 J	0.126	--	0.12	17200	2.1 J-	3 J	106 J-	0.63 J-	5.9	0.93 J	130	18.5 J-	30.4	3.3	644	166 J-	2.2 UJ	0.63 UJ	1.6 UJ	67.2 J
	SLT-110w	04/29/08	Total	SW	N	8.13	--	--	0.2 U	200 U	60 U	10 U	95.9 J	5 U	196	5 U	10 U	50 U	25 U	10 U	6 J	1.4	35 U	10 U	25 U	0.35
	SLT-110w	04/29/08	Filtered	SW	N	--	0.09	3.97	0.2 U	200 U	60 U	10 U	94.2 J	5 U	192	5 U	10 U	50 U	25 U	10 U	4.7 J	40 U	35 U	10 U	25 U	50 U
	SLT-120w	04/22/08	1	Sed	N	8.7	0.101	--	0.58	16800 J	1.4 J-	5.5 J-	116 J	0.58 J-	8.4 J	0.95 J-	121 J	20.5 J-	33.8 J	4.4 J-	672 J	166 J-	0.85 J	1 U	1.6 UJ	59.8 J-
	SLT-120w	04/22/08	Surface	Sed	N	8.3	0.079	--	0.15	16600 J	1.8 J-	5.3 J-	127 J	0.62 J-	9.1 J	0.91 J-	96.7 J	19.5 J-	30.4 J	4.7 J-	685 J	161 J-	1 J	1 U	1.7 UJ	62.1 J-
	SLT-120w	04/22/08	Total	SW	N	7.9	--	--	0.2 U	32.9 J	60 U	10 U	87.5 J	5 U	191	5 U	10 U	50 U	25 U	10 U	2.4 J	2.7 J	35 U	10 U	25 U	50 U
	SLT-120w	04/22/08	Filtered	SW	N	--	0.149	6.65	0.2 U	200 U	60 U	10 U	86 J	5 U	188	5 U	10 U	50 U	25 U	10 U	1.9 J	2.7 J	35 U	10 U	25 U	0.47
	SLT-130w	04/22/08	1	Sed	N	8.1	0.101	--	0.31	15800 J	1.6 J-	4 J-	103 J	0.54 J-	14.2 J	0.92 J-	108 J	17.9 J-	30.9 J	2.8 J-	604 J	146 J-	0.83 J	1 U	1.5 UJ	57.6 J-
	SLT-130w	04/22/08	Surface	Sed	N	8.2	0.3	--	0.84	15100 J	1.9 J-	2.8 J-	132 J	0.56 J-	6.1 J	0.8 J-	79.8 J	15.6 J-	35.2 J	2.3 J-	626 J	124 J-	1.1 J	1 U	1.5 UJ	57.1 J-
	SLT-130w	04/22/08	Total	SW	N	8.19	--	--	0.2 U	200 U	60 U	10 U	85.4 J	5 U	191	5 U	10 U	50 U	25 U	10 U	1.7 J	2.3 J	35 U	10 U	25 U	50 U
	SLT-130w	04/22/08	Filtered	SW	N	--	0.142	6.2	0.2 U	200 U	60 U	10 U	86.3 J	5 U	192	5 U	10 U	50 U	25 U	10 U	2.1 J	3.4 J	35 U	10 U	25 U	50 U
	SLT-140w	04/22/08	1	Sed	N	8.8	0.062	--	0.83	14000 J	1.9 J-	4 J-	95.2 J	0.52 J-	5.3 J	0.69 J-	58.9 J	17 J-	23.9 J	2.1 J-	653 J	128 J-	0.66 J	1 U	1.5 UJ	48.9 J-
	SLT-140w	04/22/08	Surface	Sed	N	9	0.051	--	0.46	15400 J	1.8 J-	2.9 J-	92 J	0.53 J-	6.7 J	0.85 J-	99.1 J	17.2 J-	27.4 J	1.7 J-	601 J	151 J-	1.8 UJ	1 U	1.3 UJ	59.8 J-
	SLT-140w	04/22/08	Total	SW	N	8.18	--	--	0.2 U	31.3 J	60 U	10 U	87.2 J	5 U	196	5 U	10 U	50 U	25 U	10 U	2.1 J	3.2 J	35 U	10 U	25 U	0.45

TABLE 2
Sediment and Soil Samples with Collocated Surface Water Results - Chemical Analysis
Phase 2 Remedial Investigation
Klau and Buena Vista Mines

Group I analytes on pages 1-5
Group II analytes on pages 6-10

					Sediment Units:	pH units	µg/Kg	NA	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
					Surface Water Units:	pH units	ng/L	ng/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Area	**Loc ID**	**Sample Date**	**Depth/ Basis**	**Matrix**	**Sample Type**	pH	Methyl Mercury	Trace Mercury	Mercury	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium
Streams/Creeks																										
South Fork Las Tablas Creek	SLT-140w	04/22/08	Filtered	SW	N	--	0.126	4.93	0.2 U	31.8 J	60 U	10 U	86.9 J	5 U	197	5 U	10 U	50 U	25 U	10 U	1.8 J	3.8 J	35 U	10 U	25 U	50 U
Seeps/General Surface Water Runoff																										
BV NPDES Conveyance channel	NPD-1w	04/29/08	Surface	Sed	N	7.9	0.195	--	9.2	12200 J	1.6 J-	4.3 J-	35.4 J	0.39 J-	11.2 J	1.8 J-	82.8 J	18.3 J-	37.8 J	0.53 UJ	671 J	151 J-	1.3 J	1 U	5.1 J-	65.2 J-
	NPD-1w	04/29/08	Surface	Sed	FD	7.9	0.236	--	245	12500 J	1.5 J-	4.8 J-	45.1 J	0.39 J-	10.2 J	1.7 J-	64.1 J	20.1 J-	33.6 J	0.51 UJ	698 J	133 J-	1.5 J	1 U	6.5 J-	64.9 J-
	NPD-2s	04/02/08	Total	SW	N	7.54	--	--	0.59	1280	60 U	10 U	200	5 U	815	5 U	10 U	3.1	3.6	10 U	276	29.3	35 U	10 U	25 U	1.8
	NPD-2w	04/29/08	Surface	Sed	N	7.8	0.712	--	45.4	12600 J	1.6 J-	5.8 J-	68.3 J	0.38 J-	11.5 J	1.9 J-	82.4 J	20.1 J-	39.9 J	1.9 J-	703 J	153 J-	1.2 J	1 U	3.5 J-	62 J-
	NPD-2w	04/29/08	Total	SW	N	7.14	--	--	0.2 U	200 U	60 U	10 U	200 UJ	5 U	1190	5 U	10 U	50 U	25 U	10 U	63.5	12.8 J	35 U	10 U	25 U	50 UJ
	NPD-2w	04/29/08	Filtered	SW	N	--	0.198	74.2	0.2 U	200 U	60 U	10 U	200 UJ	5 U	1200	5 U	10 U	50 U	25 U	10 U	66.2	13.9 J	35 U	10 U	25 U	50 UJ
	NPD-3w	04/29/08	1	Sed	N	7.4	0.112	--	6.4	13800 J	1.5 J-	3.4 J-	48.4 J	0.32 J-	8.9 J	1.3 J-	74.3 J	17.1 J-	36.4 J	0.62 UJ	636 J	131 J-	1.3 J	1 U	2.4 J-	48.7 J-
	NPD-3w	04/29/08	Surface	Sed	N	7.5	0.11	--	4.8	15100 J	1.7 J-	4.5 J-	42.9 J	0.41 J-	9.7 J	2 J-	78.8 J	21.8 J-	34.9 J	0.65 UJ	759 J	161 J-	1.3 J	1 U	5.8 J-	62.6 J-
BV Sedimentation Basin 1	SB1-1w	04/28/08	Surface	Sed	N	7.2	23	--	20.4	5090 J	1.7 J-	9 J-	114 J	0.58 J-	25.9 J	1.3 J-	29.8 J	14.1 J-	35.9 J	0.97 UJ	265 J	110 J-	3.4 UJ	1 U	11.6 J-	27 J-
	SB1-1w	04/28/08	Total	SW	N	9.07	--	--	0.15 J	200 UJ	60 U	10 U	200 UJ	5 U	2500	5 U	10 U	50 U	25 U	10 U	15 U	3.9 J	35 U	10 U	13.8 J	50 UJ
	SB1-1w	04/28/08	Filtered	SW	N	--	0.053	18.7	0.2 U	200 U	60 U	10 U	200 UJ	5 U	2520	5 U	10 U	50 U	25 U	10 U	15 U	4.7 J	35 U	10 U	14.4 J	50 UJ
West Klau Undisturbed Area	J03-2w	04/03/08	Total	SW	N	8.09	--	--	0.22	4370	60 U	10 U	200	5 U	59.1	5 U	36.3	4.8	10.5	10 U	163	74	35 U	10 U	25 U	12.5
	J03-2w	04/24/08	Surface	Sed	N	7.4 J	3.07	--	1 J+	27100	2.5 J	3.4	121 J-	0.77	8.5	0.87 J	217 J	28.2	43.6	3.5	719	344	1.2 J-	0.71 UJ	2.5 U	69.6
	J03-2w	04/25/08	1	Sed	N	8.81	0.226	--	0.056 J	30200	2.4 J-	4.2 J	63 J-	0.74 J-	10.6	1.4 J	208	26.9 J-	45.2	1 U	768	382 J-	1.5 J-	0.59 UJ	1.5 UJ	69.9 J
Klau Western Retort Area Seep	SEP	04/28/08	Surface	Sed	N	--	--	--	16	1380 J	6 R	2.7 J-	31.5 J	0.03 J-	62.5 J	1.1 J-	233 J	65.5 J-	6.5 J	0.78 UJ	471 J	1270 J-	2.7 UJ	1 U	2 UJ	8.8 J-
	SEP	04/28/08	Total	SW	N	7.53	--	--	0.33 J	33.3 J	60 U	10.8	104 J	5 U	455	5 U	10 U	50 UJ	25 U	10 U	170	16.3 J	35 U	10 U	25 U	0.77 J
Other																										
Dodd Ranch North	DOD	04/29/08	Surface	Soil	N	6.48	0.979	--	4.4	4590 J	1.1 J-	8.2 J-	64.9 J	0.44 J-	4.3 J	1.4 J-	45.9 J	18.9 J-	36 J	2 J-	749 J	112 J-	0.82 J	1 U	1 J-	68.4 J-