TABLE 3
Water Samples - Groundwater and Seeps - Chemical Analysis
Phase 2 Remedial Investigation
Klau and Buena Vista Mines

Area	Loc ID	Sample Date	Matrix	SampleType	Basis	Zinc µg/L	Calcium µg/L	Iron µg/L	Magnesium µg/L	Potassium µg/L	Sodium µg/L	Total Suspended Solids mg/L
Seeps/General Surface Water Runoff												
BV General Area	L21-2w	04/02/08	SW	N	Total	**2000**	**367000**	**4920000**	**2120000**	**40700**	**75100**	**910**
	M20-2	04/02/08	SW	N	Total	**60**	**520000**	**41200**	**491000**	**27400**	**76700**	**10**
	M20-2	04/02/08	SW	FD	Total	**60**	**513000**	**49200**	**488000**	**26800**	**76400**	**12**
	N23-2s	04/03/08	SW	N	Total	**70.6**	**353000**	**174000**	**309000**	**3790 J**	**19500**	**250**
	N23-3	04/02/08	SW	N	Total	**3930**	**332000**	**9670000**	**4070000**	**45200**	**37500**	**240**
	O21-2w	04/02/08	SW	N	Total	**2230**	**366000**	**7200000**	**5460000**	**7360**	**114000**	**39**
	O24-2w	04/02/08	SW	N	Total	**60**	**338000**	**141**	**171000**	**2680**	**20100**	10 U
BV Caretaker Area	BMR-1	04/02/08	SW	N	Total	**140**	**379000**	**296000**	**405000**	**4940**	**20500**	**530**
BV Rotary Furnace Seep Area	RFS	04/28/08	SW	N	Total	60 UJ	**518000**	**10500**	**497000**	**27300 J**	**78500**	**--**
	RFS	04/28/08	SW	N	Filtered	60 UJ	**507000**	100 U	**489000**	**27400 J**	**76200**	**--**
Klau General Area	L21-3	04/03/08	SW	N	Total	**636**	**495000**	**3960**	**689000**	**2130 J**	**8070**	**220**
	L21-4	04/03/08	SW	N	Total	**2200**	**351000**	**376000**	**463000**	**6940**	**7020**	**1900**
	L21-4	04/03/08	SW	FD	Total	**2270**	**350000**	**429000**	**466000**	**13700**	**7780**	**1300**
	L21-5	04/03/08	SW	N	Total	**194**	**494000**	**30800**	**1320000**	**8710**	**15800**	**100**
	N07-2w	04/02/08	SW	N	Total	**60**	**38700**	**276**	**90700**	**3160**	**48800**	10 U
	P21-2	04/02/08	SW	N	Total	**4140**	**366000**	**1.12E+07**	**2130000**	**11100**	**5630**	**93000 J**
	Q11-2w	04/02/08	SW	N	Total	**60**	**364000**	**100**	**276000**	**8250**	**14800**	10 U
	R19-2	04/03/08	SW	N	Total	**60**	**102000**	**659**	**284000**	**7880**	**89900**	10 U
BLM Reservoir Area Runoff	BMR-2	04/03/08	SW	N	Total	60 U	**34200**	**150**	**26100**	**2030 J**	**13300**	10 U
	BMR-3	04/03/08	SW	N	Total	**11.5 J**	**251000**	**238**	**626000**	**6580**	**39600**	10 U
	BMR-3	04/03/08	SW	FD	Total	**13.7 J**	**254000**	**584**	**628000**	**6480**	**39200**	10 U
	BMR-4	04/03/08	SW	N	Total	**126**	**406000**	**2020**	**535000**	**3860 J**	**44600**	**59**
Sumps/Wells												
BV Regraded Clay Cap Well	RCW-1w	04/30/08	GW	N	Total	60 UJ	**390000**	100 U	**1310000**	**28100**	**86100**	**--**
	RCW-1w	04/30/08	GW	N	Filtered	60 UJ	**392000**	100 U	**1350000**	**28200**	**83700**	**--**
BV Adit Sump	BAW	04/30/08	GW	N	Total	**103**	**425000**	**633**	**533000**	**10100**	**20200**	**--**
	BAW	04/30/08	GW	N	Filtered	**80**	**421000**	**97600**	**527000**	**9060**	**19900**	**--**
BV Mine Shop Sump	MAW	04/30/08	GW	N	Total	**1000**	**382000**	**292000**	**795000**	**1840 J**	**21700**	**--**

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Sumps/Wells												
BV Mine Shop Sump	MAW	04/30/08	GW	N	Filtered	**1050**	**372000**	**311000**	**1150000**	**1320 J**	**21400**	--
BV Mine Shop Blue Pipe Well	MSP	04/30/08	GW	N	Total	**167**	**411000**	**49100**	**1430000**	**37500**	**34600**	--
	MSP	04/30/08	GW	N	Filtered	**172**	**417000**	**49400**	**1460000**	**37300**	**34700**	--
	MSP	04/30/08	GW	FD	Total	**168**	**410000**	**49100**	**1420000**	**37100**	**35800**	--
	MSP	04/30/08	GW	FD	Filtered	**168**	**410000**	**48700**	**1430000**	**37500**	**35000**	--
Klau - Richard's Adit Area Well	RAW	04/30/08	GW	N	Total	60 UJ	**9100**	**1160**	**6820**	**16600**	**722000**	--
	RAW	04/30/08	GW	N	Filtered	60 UJ	**8580**	100 UJ	**6480**	**15700**	**684000**	--
Klau Repository Underdrain	KRP	04/30/08	GW	N	Total	**2710**	**374000**	**307000**	**843000**	**12900**	**11500**	--
	KRP	04/30/08	GW	N	Filtered	**2750**	**370000**	**287000**	**314000**	**12400**	**11400**	--
Other												
Buena Vista Water Supply	CSW	04/29/08	SW	N	Total	60 UJ	**45400**	**2.8**	**12300**	5000 UJ	**17900**	--
	CSW	04/29/08	SW	N	Filtered	**81.3**	**45400**	100 U	**12000**	**1130 J**	**17800**	--

Notes:
:- = not requested from laboratory
mg/L = milligrams per liter
ng/L = nanograms per liter
µg/L = micrograms per liter
FD = Field Duplicate
U = not detected
J = Estimated value (- biased low, + biased high)

Trace Methyl Mercury and Trace Mercury samples were filtered in the lab. All other samples noted as filtered were filtered in the field.
pH values are from field measurements.
Detected values are bolded.